

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111718\
 Data File : VX006074.D
 Acq On : 17 Nov 2018 17:45
 Operator : JC/MD
 Sample : VX1117MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 9:25:14 AM

Quant Time: Nov 19 01:37:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	106430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	168357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	129126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	65044	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
35) Dibromofluoromethane	5.51	113	51249	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
50) Toluene-d8	8.71	98	175569	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	11.14	95	65269	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	16206	16.89	ug/l	99
3) Chloromethane	1.32	50	22062	17.52	ug/l	97
4) Vinyl Chloride	1.40	62	22677	17.94	ug/l	97
5) Bromomethane	1.64	94	13272	17.15	ug/l	97
6) Chloroethane	1.73	64	15480	20.52	ug/l	98
7) Trichlorofluoromethane	1.93	101	31932	19.03	ug/l	100
8) Diethyl Ether	2.19	74	13537	20.59	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	18467	19.13	ug/l	97
10) Methyl Iodide	2.51	142	21013	17.96	ug/l	99
11) Tert butyl alcohol	3.07	59	34665	98.90	ug/l	98
12) 1,1-Dichloroethene	2.37	96	17681	18.80	ug/l	95
13) Acrolein	2.29	56	10170	75.35	ug/l	97
14) Allyl chloride	2.73	41	41456	19.73	ug/l	98
15) Acrylonitrile	3.15	53	77461	106.64	ug/l	100
16) Acetone	2.45	43	70404	106.87	ug/l	99
17) Carbon Disulfide	2.57	76	43511	15.51	ug/l	99
18) Methyl Acetate	2.78	43	40366	22.03	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	68584	21.36	ug/l	100
20) Methylene Chloride	2.85	84	21203	19.59	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	18477	18.62	ug/l	97
22) Diisopropyl ether	3.87	45	76941	20.90	ug/l	92
23) Vinyl Acetate	3.82	43	321880	102.00	ug/l	98
24) 1,1-Dichloroethane	3.70	63	40332	20.54	ug/l	100
25) 2-Butanone	4.70	43	103001	99.45	ug/l	96
26) 2,2-Dichloropropane	4.58	77	26913	18.68	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	21442	19.57	ug/l	98
28) Bromochloromethane	5.01	49	18940	21.58	ug/l	96
29) Tetrahydrofuran	5.15	42	66274	99.66	ug/l	99
30) Chloroform	5.21	83	36912	19.48	ug/l	97
31) Cyclohexane	5.57	56	30286	17.77	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	30796	19.49	ug/l	99
36) 1,1-Dichloropropene	5.80	75	25775	15.88	ug/l	97
37) Ethyl Acetate	4.86	43	37069	17.37	ug/l	99
38) Carbon Tetrachloride	5.79	117	26921	16.57	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	26661	16.21	ug/l	90
40) Benzene	6.13	78	88045	18.61	ug/l	98
41) Methacrylonitrile	5.06	41	20809	18.04	ug/l	99
42) 1,2-Dichloroethane	6.20	62	31649	18.68	ug/l	99
43) Isopropyl Acetate	6.46	43	57240	18.51	ug/l	97
44) Trichloroethene	7.21	130	20625	17.17	ug/l	85
45) 1,2-Dichloropropane	7.51	63	22174	19.31	ug/l	95
46) Dibromomethane	7.66	93	13621	18.90	ug/l	100
47) Bromodichloromethane	7.90	83	25007	18.36	ug/l	95
48) Methyl methacrylate	7.77	41	25432	18.31	ug/l	99
49) 1,4-Dioxane	7.75	88	10834	362.06	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	179193	91.94	ug/l	100
52) Toluene	8.79	92	46329	17.52	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	26157	16.28	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	29286	17.88	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	20304	17.23	ug/l	98
56) Ethyl methacrylate	9.18	69	28746	16.30	ug/l	98
57) 1,3-Dichloropropane	9.37	76	33126	16.73	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	85407	94.22	ug/l	99
59) 2-Hexanone	9.49	43	137240	79.88	ug/l	99
60) Dibromochloromethane	9.59	129	19976	15.68	ug/l	100
61) 1,2-Dibromoethane	9.67	107	20602	15.81	ug/l	100
64) Tetrachloroethene	9.34	164	20739	18.86	ug/l	98
65) Chlorobenzene	10.14	112	52463	20.28	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	19488	21.67	ug/l	99
67) Ethyl Benzene	10.25	91	86303	20.81	ug/l	99
68) m/p-Xylenes	10.36	106	66953	42.32	ug/l	99
69) o-Xylene	10.70	106	32436	22.86	ug/l	99
70) Styrene	10.71	104	53971	23.06	ug/l	99
71) Bromoform	10.86	173	16214	21.51	ug/l #	99
73) Isopropylbenzene	11.02	105	89900	16.78	ug/l	99
74) N-amyl acetate	10.90	43	42940	15.18	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	32169	16.36	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	31665m	16.79	ug/l	
77) Bromobenzene	11.26	156	24485	16.22	ug/l	98
78) n-propylbenzene	11.36	91	102635	16.26	ug/l	99
79) 2-Chlorotoluene	11.42	91	61314	16.07	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	79085	17.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	9195	15.54	ug/l	96
82) 4-Chlorotoluene	11.51	91	74617	16.59	ug/l	99
83) tert-Butylbenzene	11.77	119	90093	19.56	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	99401	19.72	ug/l	99
85) sec-Butylbenzene	11.94	105	118749	21.09	ug/l	99
86) p-Isopropyltoluene	12.07	119	105107	21.07	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	57652	19.90	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	58920	19.87	ug/l	99
89) n-Butylbenzene	12.39	91	87718	18.98	ug/l	99
90) Hexachloroethane	12.60	117	16814	20.19	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	60417	20.82	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9339	19.47	ug/l	98

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ClientSampleId :
VX1117MBS01

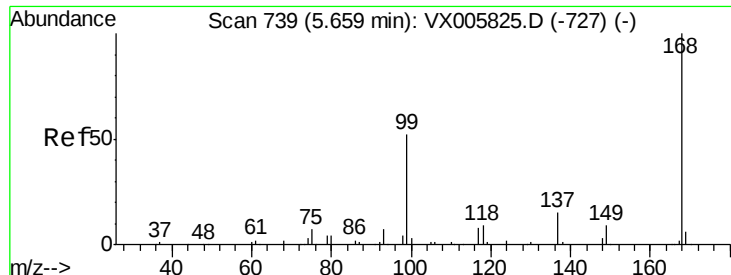
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	42737	20.92	ug/l	99
94) Hexachlorobutadiene	13.79	225	20591	19.18	ug/l	99
95) Naphthalene	13.83	128	130923	20.36	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	44205	21.24	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

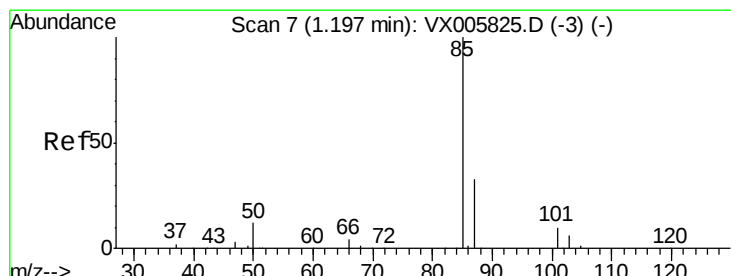
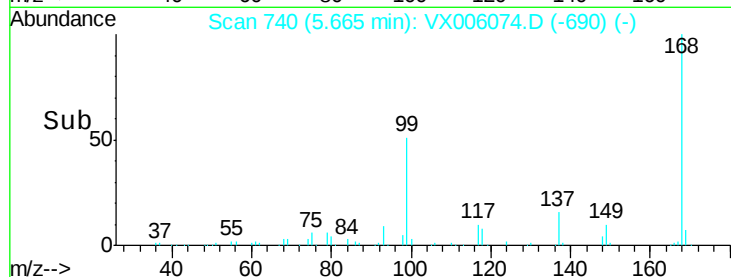
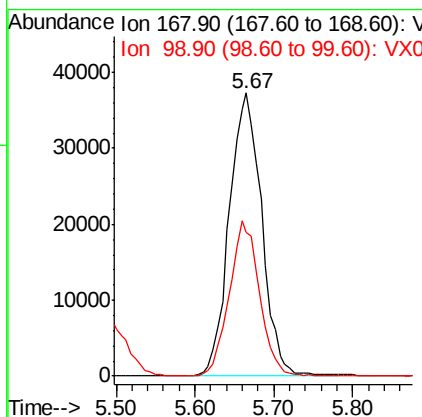
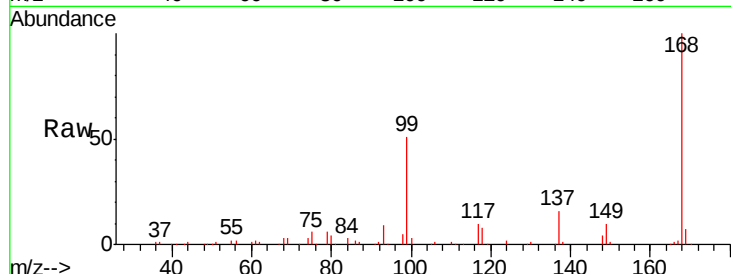
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Tgt Ion	Ratio	Lower	Upper
168	100		
99	50.6	40.7	61.1

Manual Integrations
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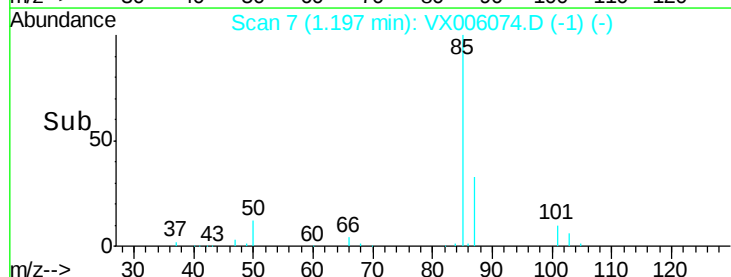
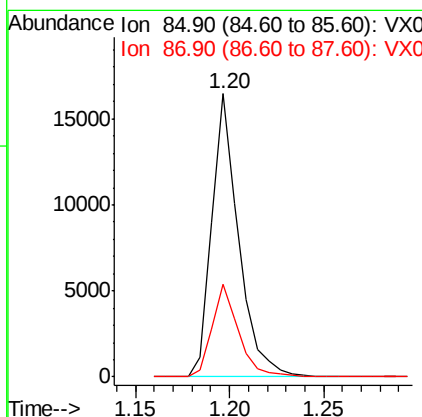
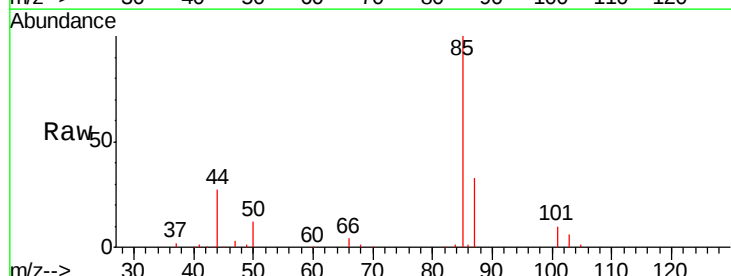
MMDadoda
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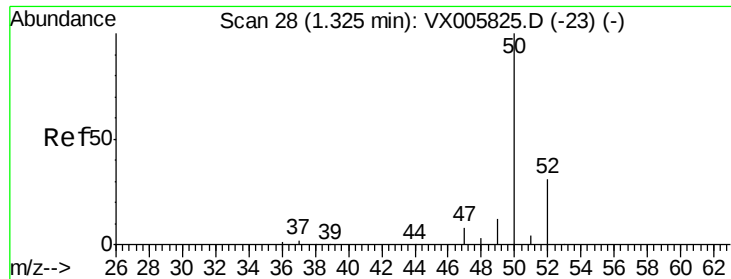


#2

Dichlorodifluoromethane
 Concen: 16.89 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.3	48.9





#3

Chloromethane

Concen: 17.52 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

Tgt Ion: 50 Resp: 22062

Ion Ratio Lower Upper

50 100

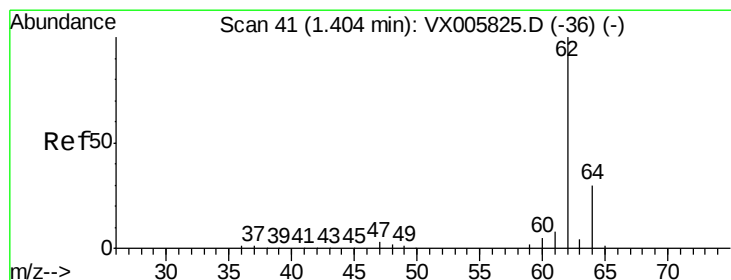
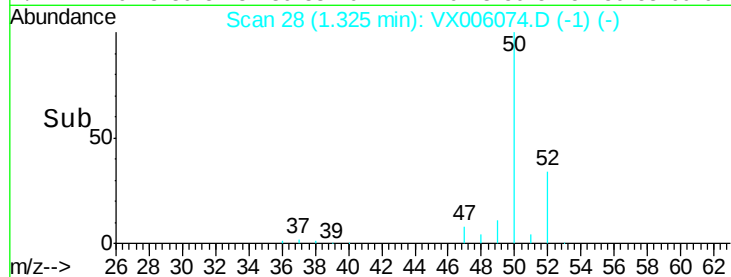
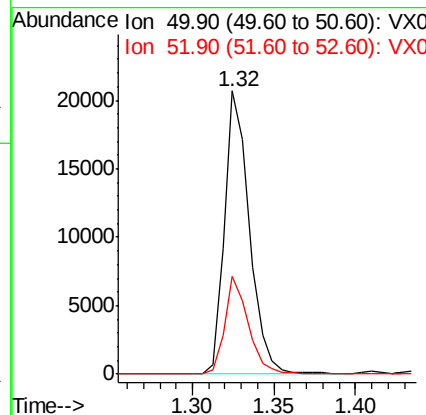
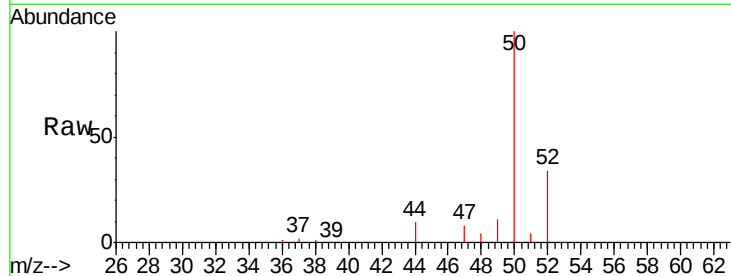
52 34.4 26.2 39.2

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#4

Vinyl Chloride

Concen: 17.94 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX006074.D

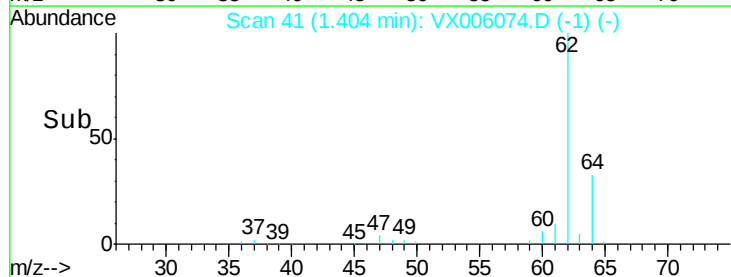
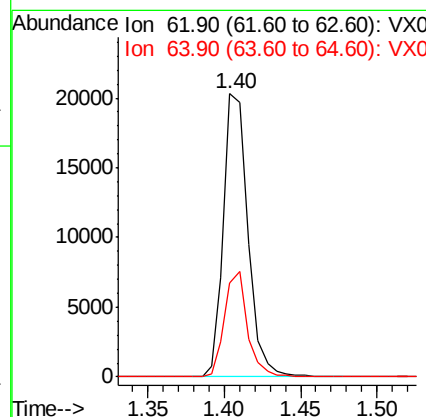
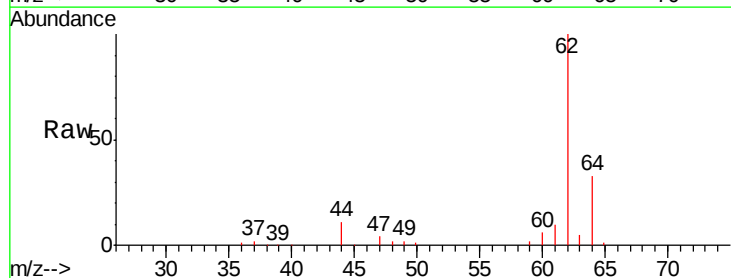
Acq: 17 Nov 2018 17:45

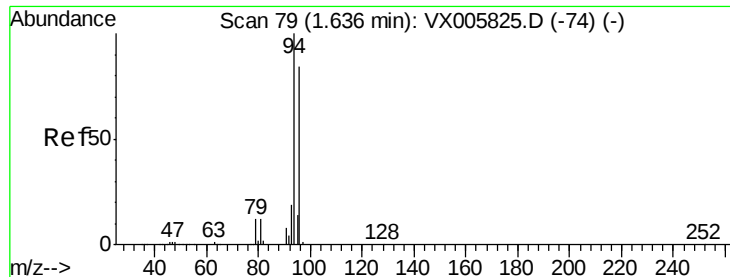
Tgt Ion: 62 Resp: 22677

Ion Ratio Lower Upper

62 100

64 33.1 25.3 37.9





#5

Bromomethane

Concen: 17.15 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

Tgt Ion: 94 Resp: 13272

Ion Ratio Lower Upper

94 100

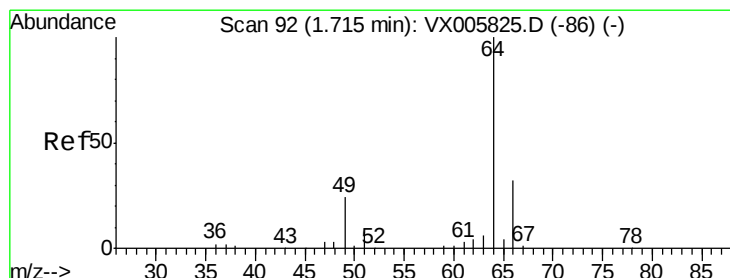
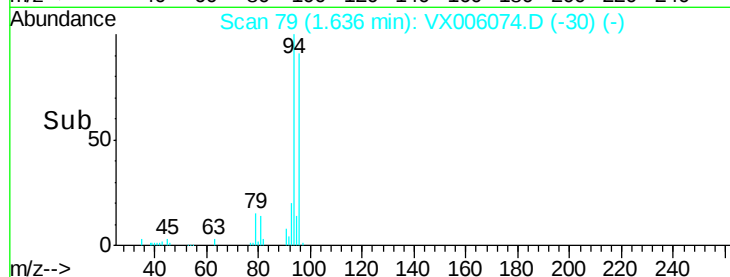
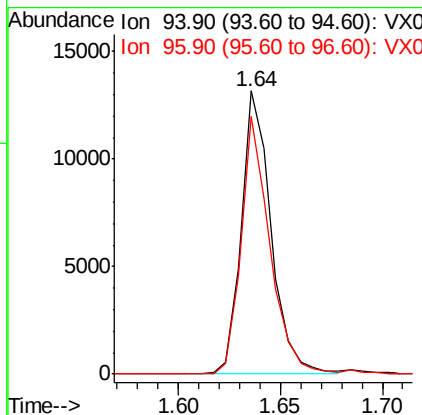
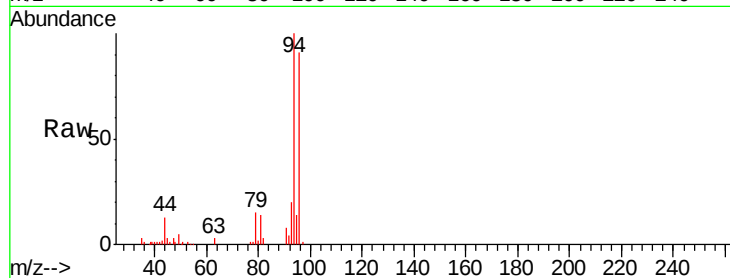
96 91.3 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 20.52 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006074.D

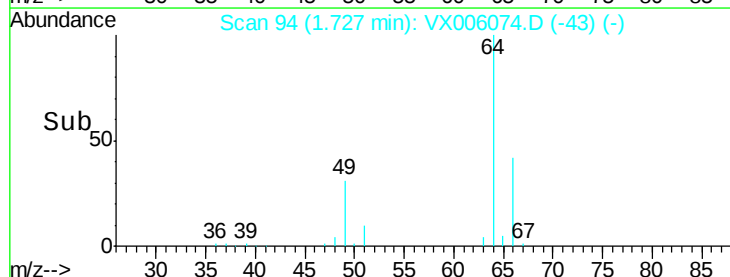
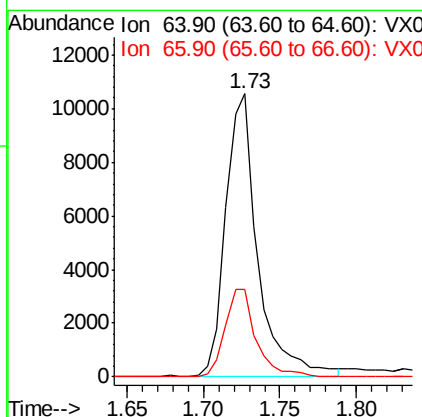
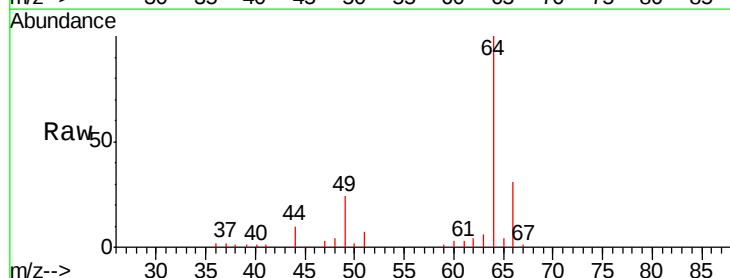
Acq: 17 Nov 2018 17:45

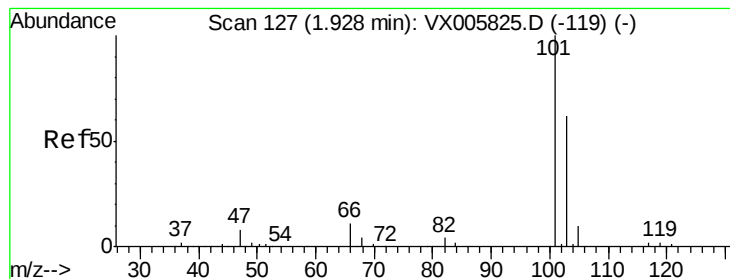
Tgt Ion: 64 Resp: 15480

Ion Ratio Lower Upper

64 100

66 31.0 25.8 38.6





#7

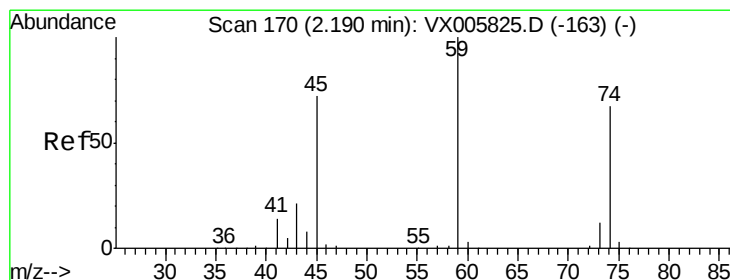
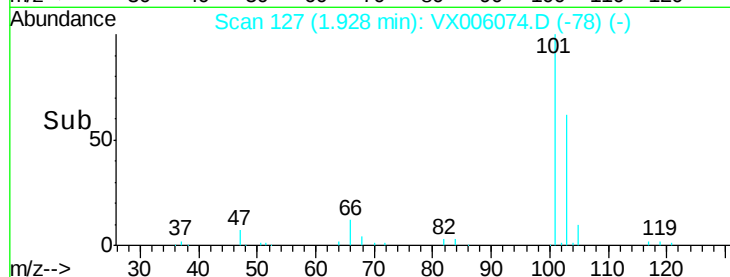
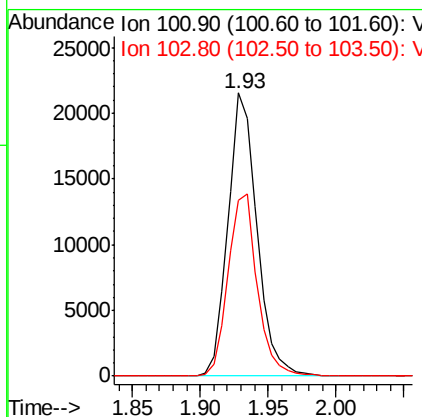
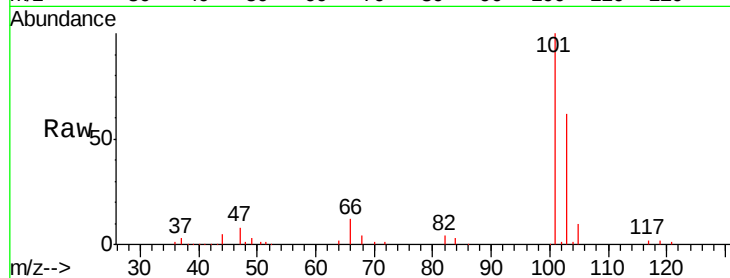
Trichlorofluoromethane
 Concen: 19.03 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Instrument :
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 ClientSampleId :
 VX1117MBS01

Tgt Ion: 101 Resp: 31932
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.0 75.0

Manual Integrations
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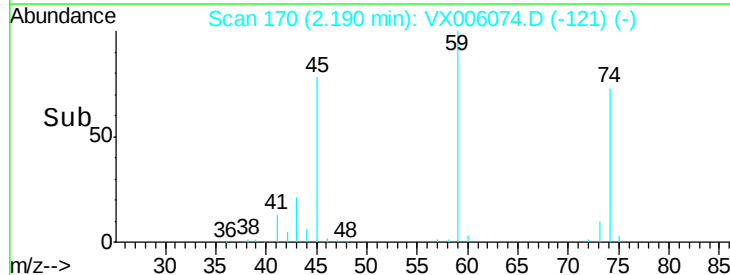
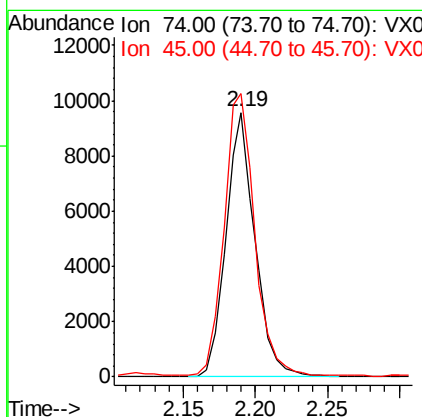
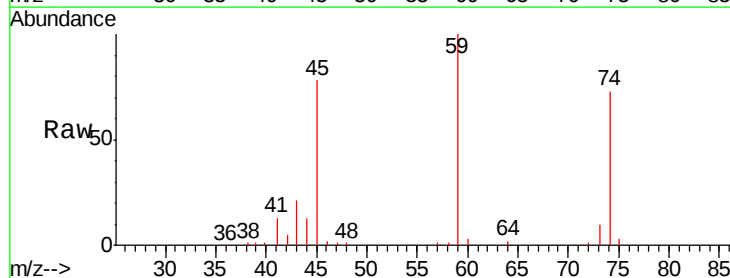
MMDadoda
 11/19/2018 9:25:14 AM

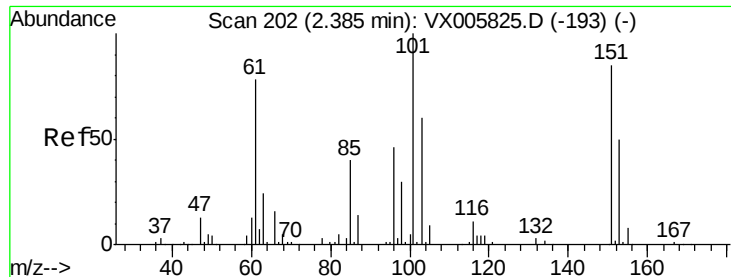


#8

Diethyl Ether
 Concen: 20.59 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion: 74 Resp: 13537
 Ion Ratio Lower Upper
 74 100
 45 115.6 54.1 162.3





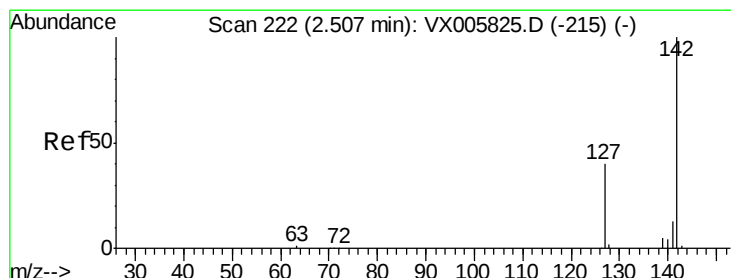
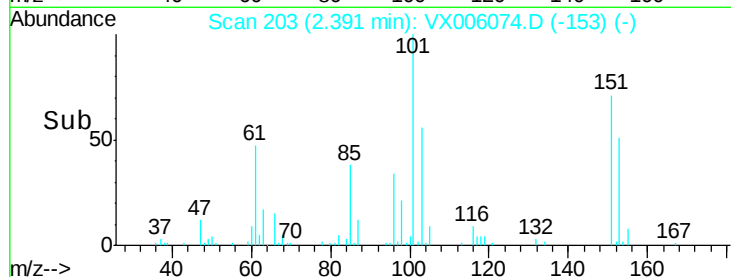
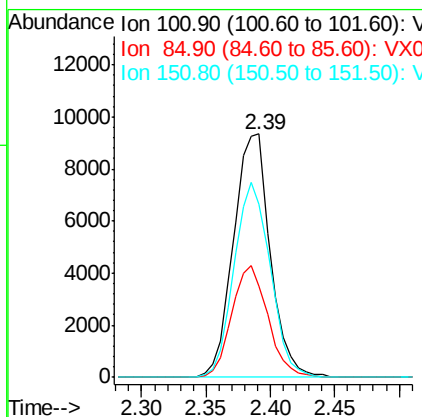
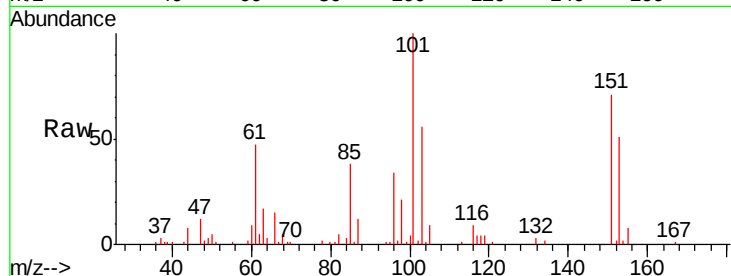
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.13 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.0	52.4
151	79.1	66.2	99.2

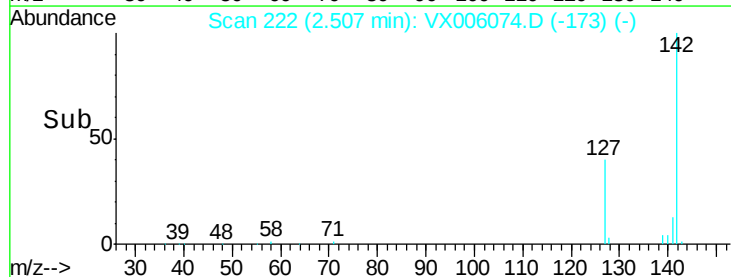
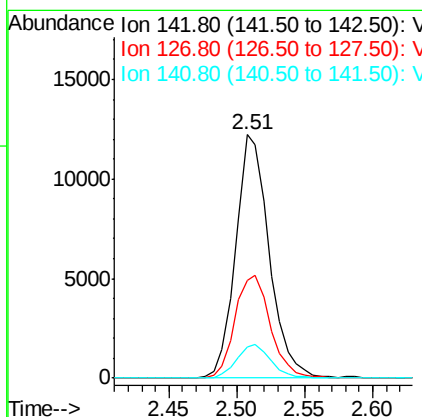
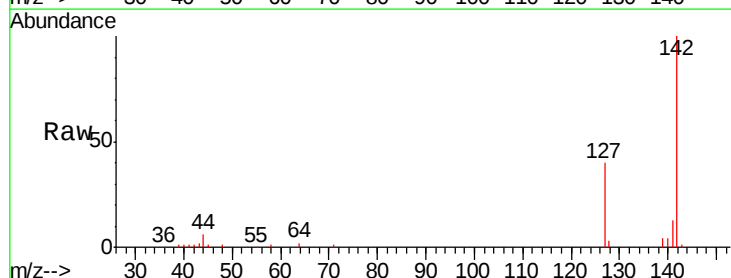
Manual Integrations
APPROVED

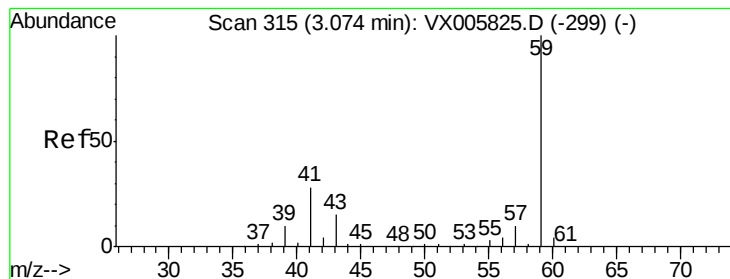
MMDadoda
11/19/2018 9:25:14 AM



#10
Methyl Iodide
Concen: 17.96 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.6	36.0	54.0
141	14.0	11.7	17.5





#11

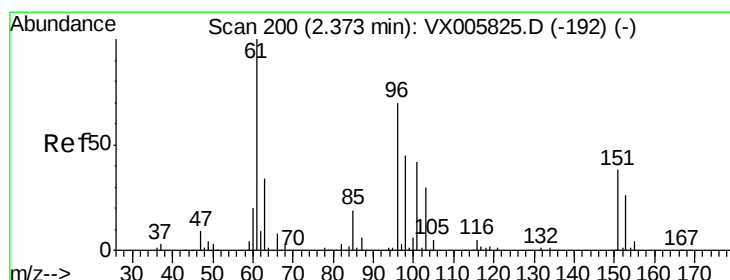
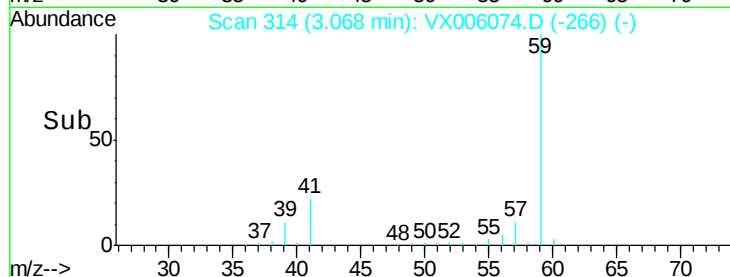
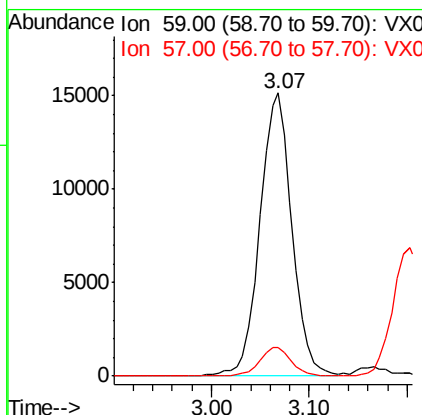
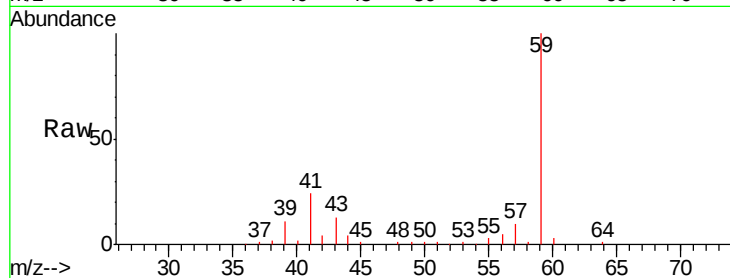
Tert butyl alcohol
Concen: 98.90 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.5	12.7

Manual Integrations
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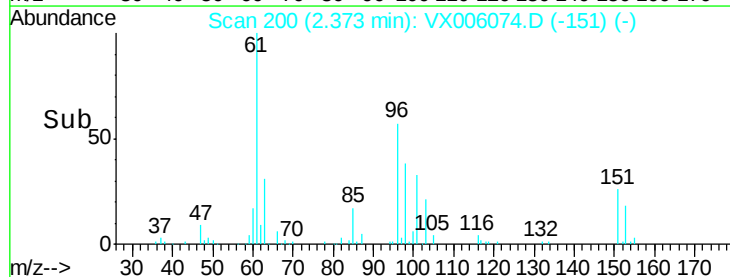
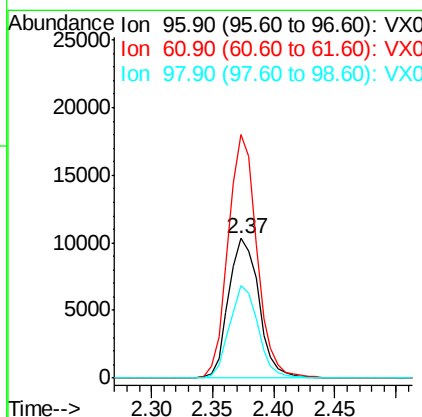
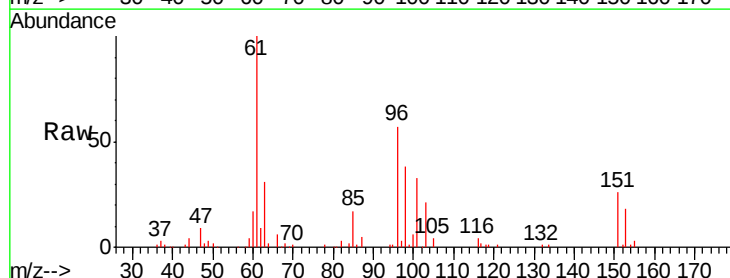
MMDadoda
11/19/2018 9:25:14 AM

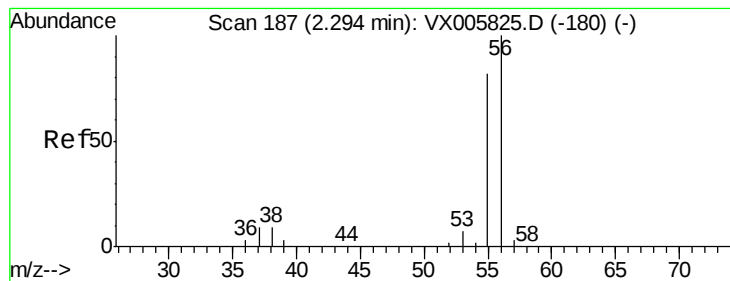


#12

1,1-Dichloroethene
Concen: 18.80 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.7	131.8	197.8
98	66.6	53.4	80.2





#13

Acrolein

Concen: 75.35 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

Tgt Ion: 56 Resp: 10170

Ion Ratio Lower Upper

56 100

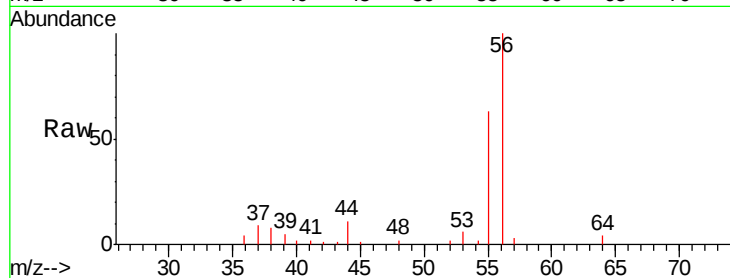
55 68.8 57.3 85.9

Manual Integrations

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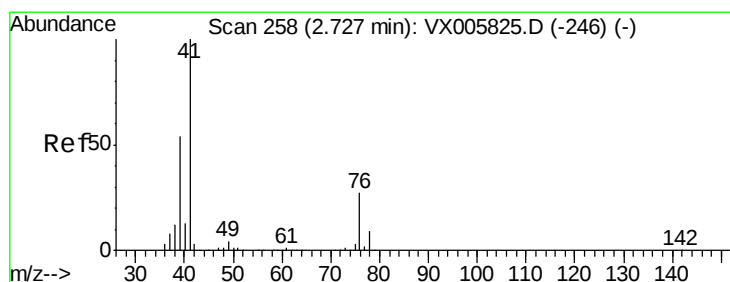
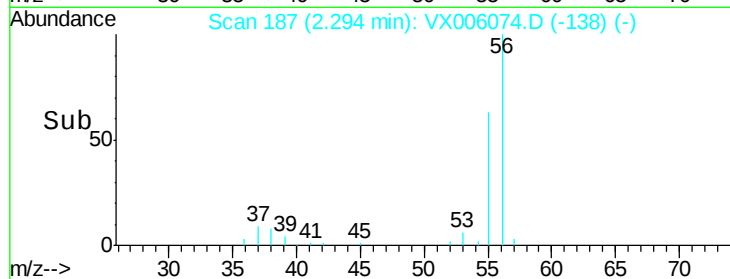
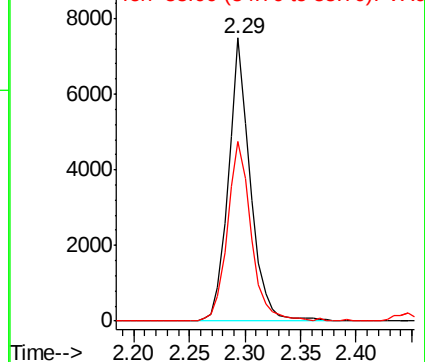
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.73 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

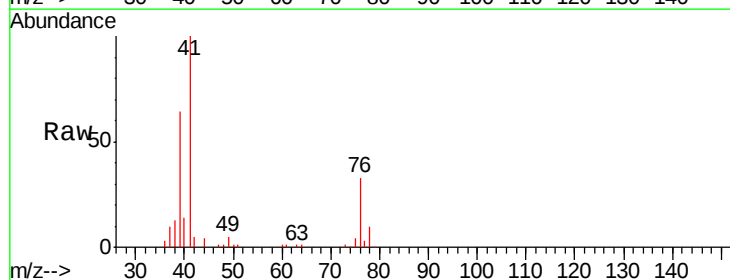
Tgt Ion: 41 Resp: 41456

Ion Ratio Lower Upper

41 100

39 58.5 48.2 72.4

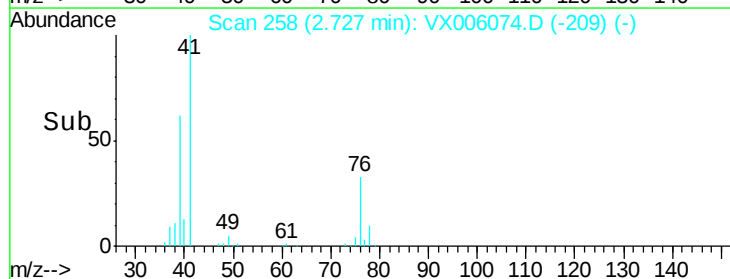
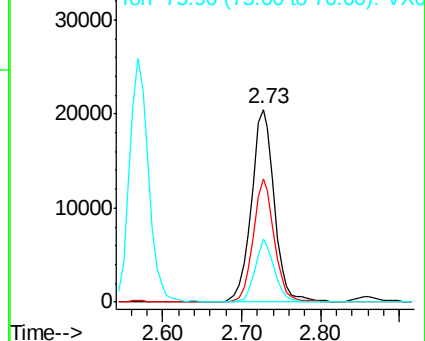
76 27.3 21.9 32.9

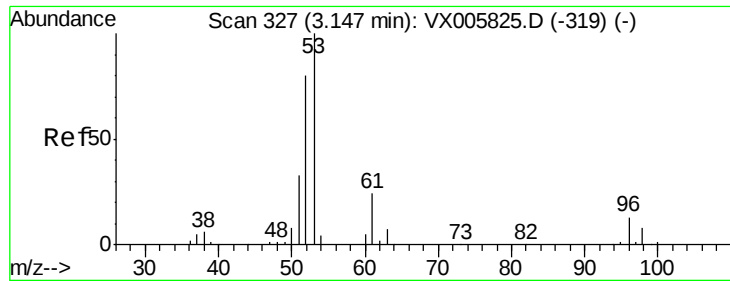


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 106.64 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

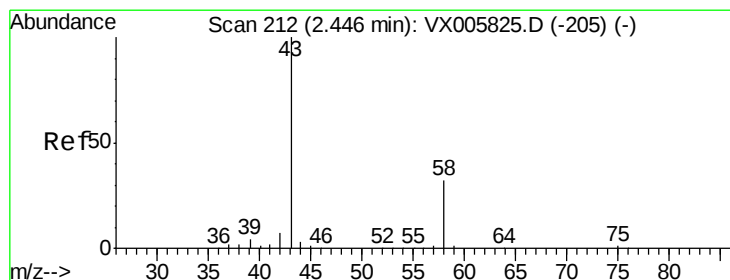
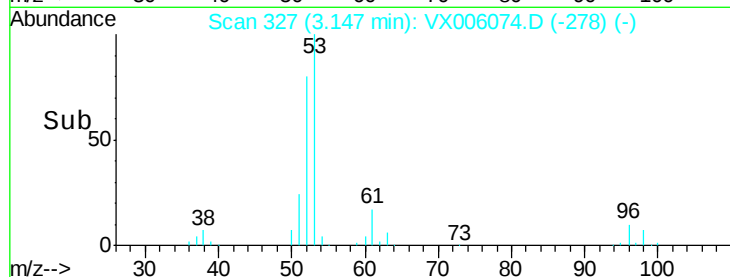
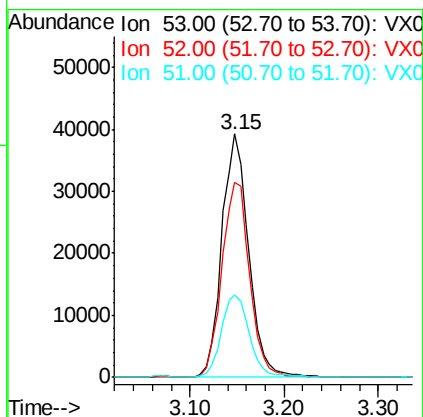
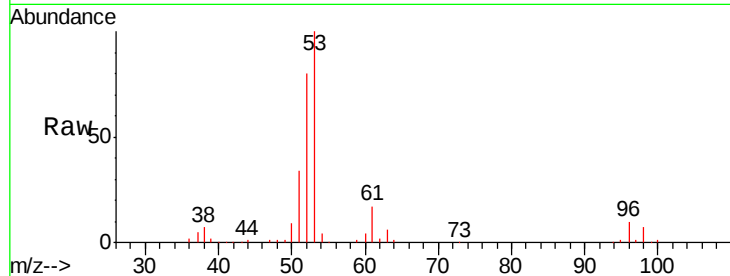
ClientSampleId :

VX1117MBS01

Tgt Ion:	53	Resp:	77461
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.6	99.8
51	36.0	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 106.87 ug/l

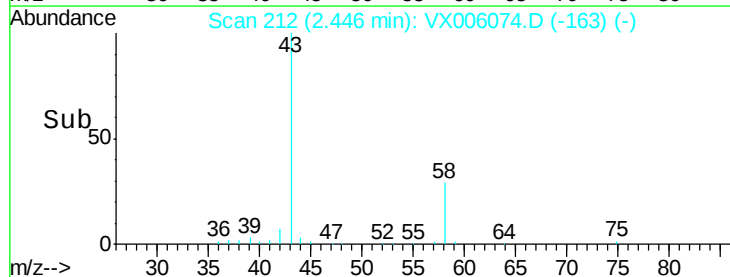
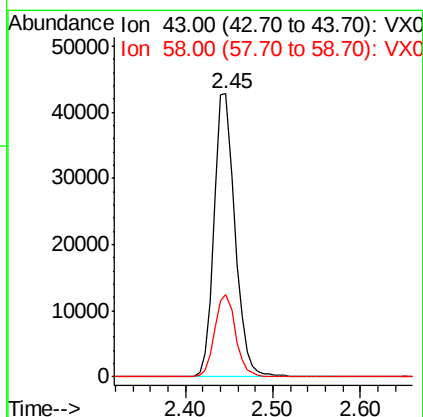
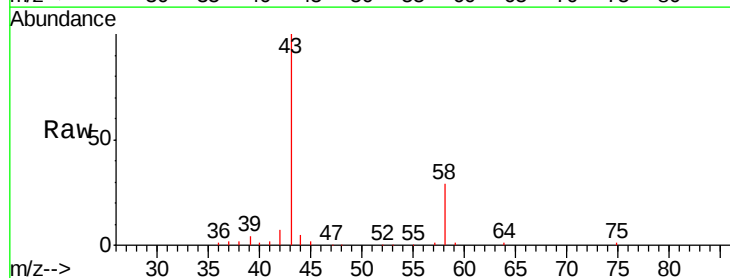
RT: 2.45 min Scan# 212

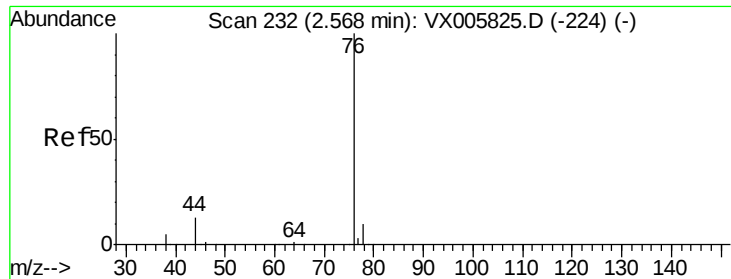
Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Tgt Ion:	43	Resp:	70404
Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.8	35.6





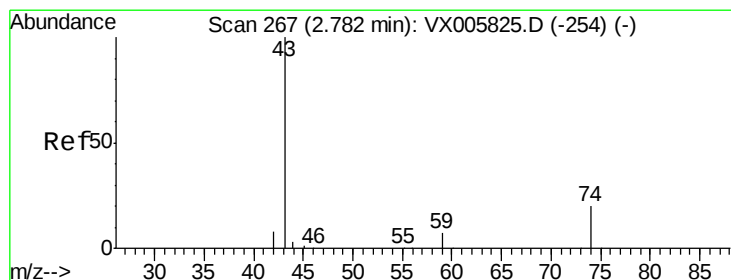
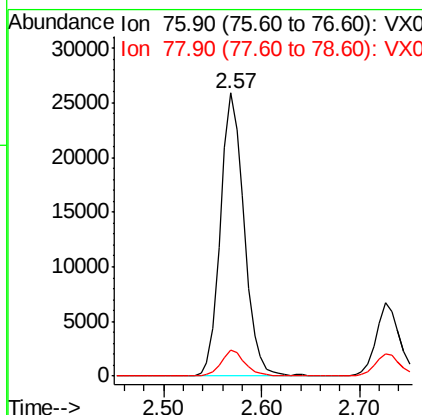
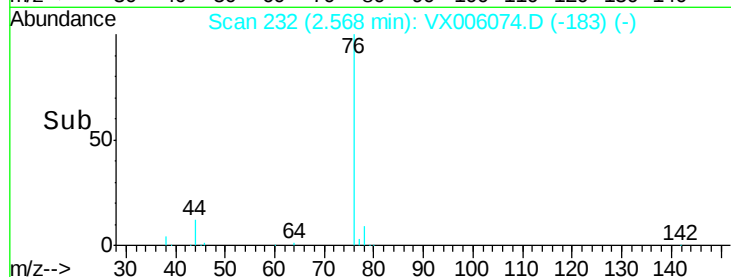
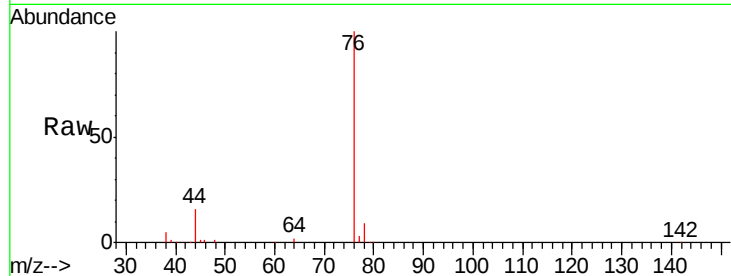
#17
Carbon Disulfide
Concen: 15.51 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion: 76 Resp: 43511
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

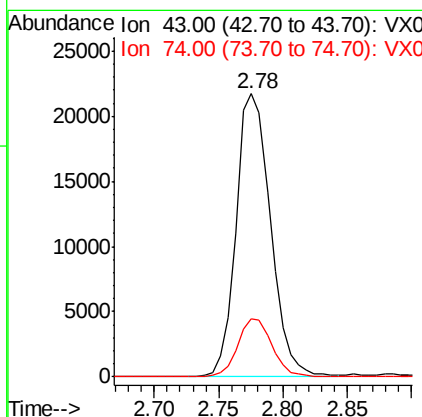
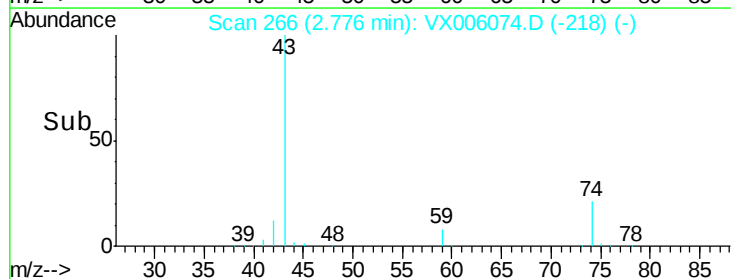
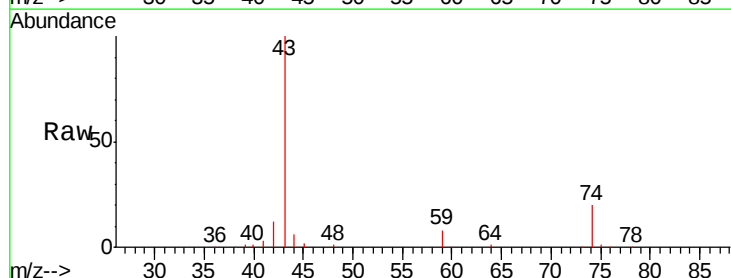
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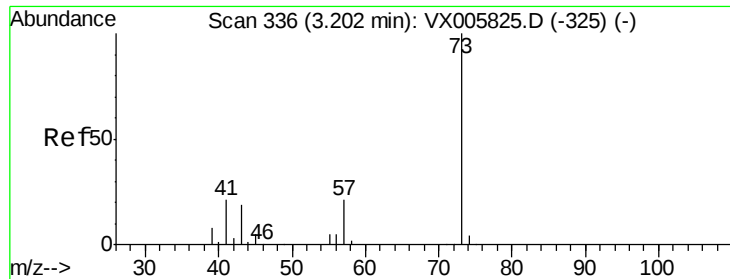
MMDadoda
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#18
Methyl Acetate
Concen: 22.03 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 43 Resp: 40366
Ion Ratio Lower Upper
43 100
74 20.7 16.8 25.2





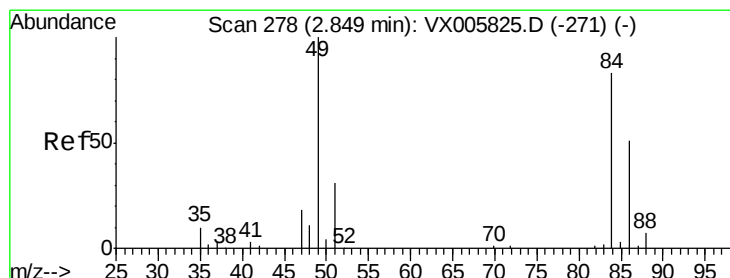
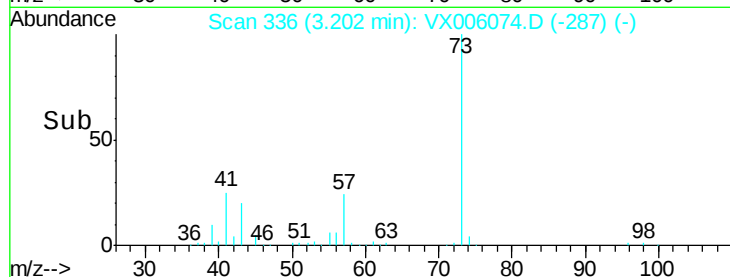
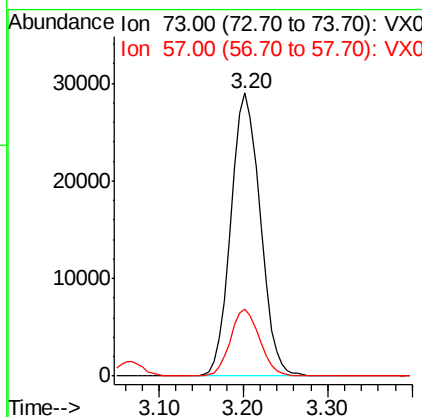
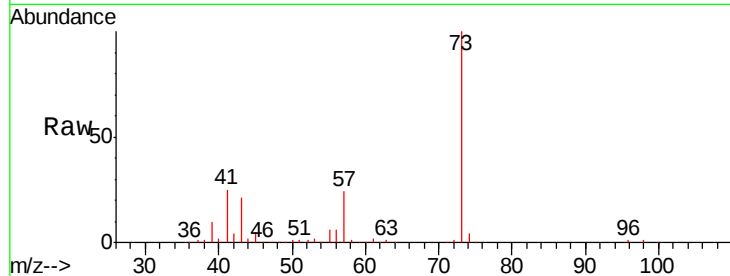
#19
Methyl tert-butyl Ether
Concen: 21.36 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion: 73 Resp: 68584
Ion Ratio Lower Upper
73 100
57 23.7 18.8 28.2

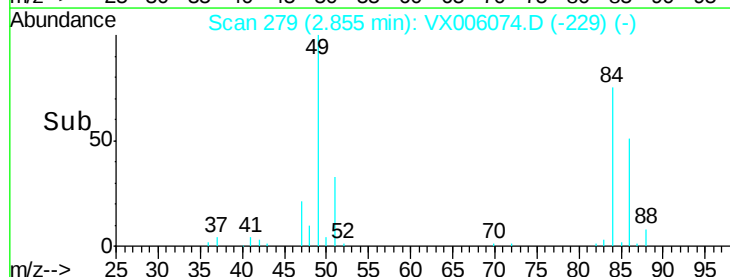
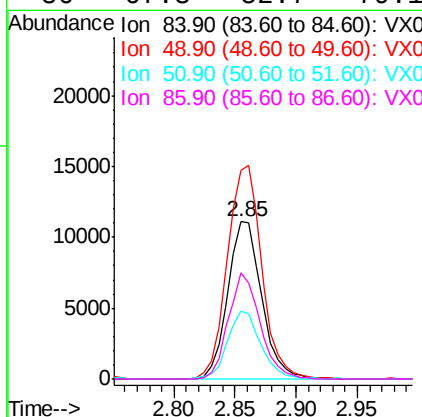
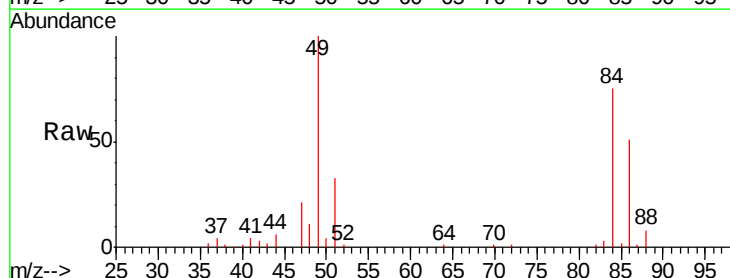
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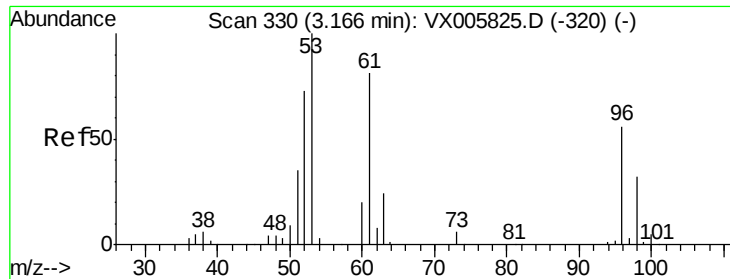
MMDadoda
11/19/2018 9:25:14 AM



#20
Methylene Chloride
Concen: 19.59 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 84 Resp: 21203
Ion Ratio Lower Upper
84 100
49 133.1 109.5 164.3
51 43.4 33.3 49.9
86 67.3 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.62 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

Tgt Ion: 96 Resp: 18477

Ion Ratio Lower Upper

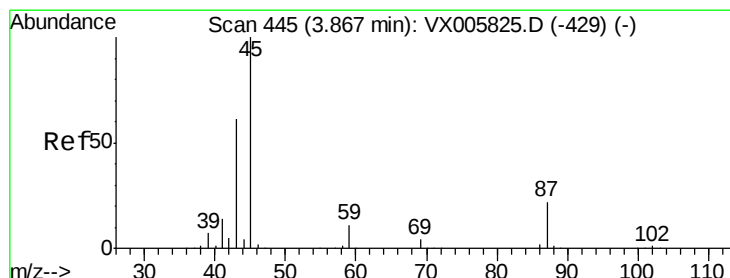
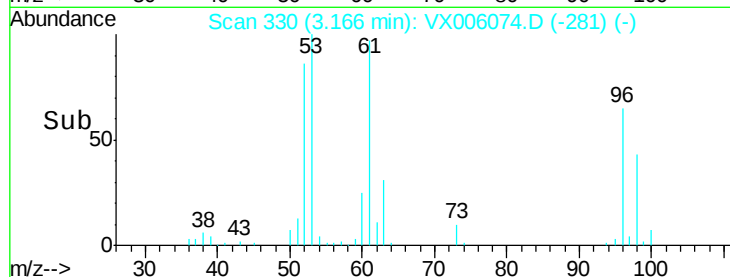
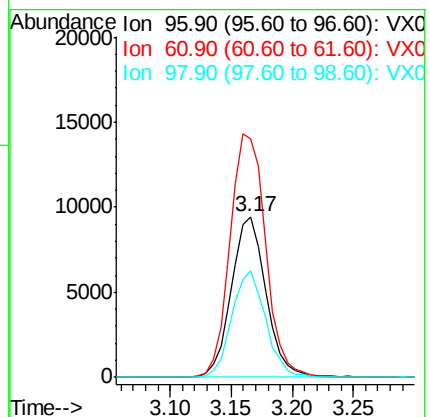
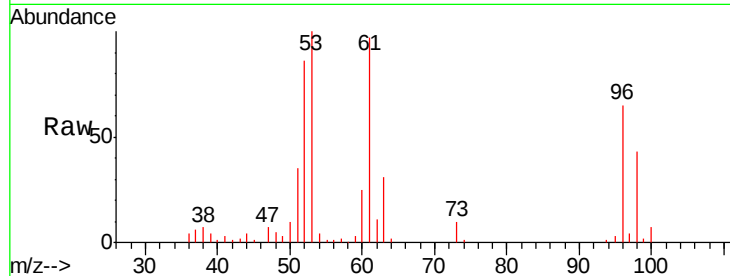
96 100

61 148.2 115.6 173.4

98 66.0 50.2 75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.90 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Tgt Ion: 45 Resp: 76941

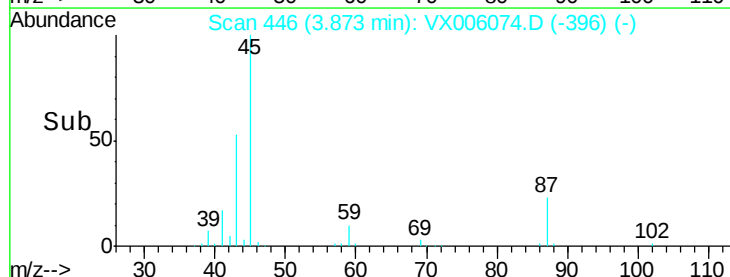
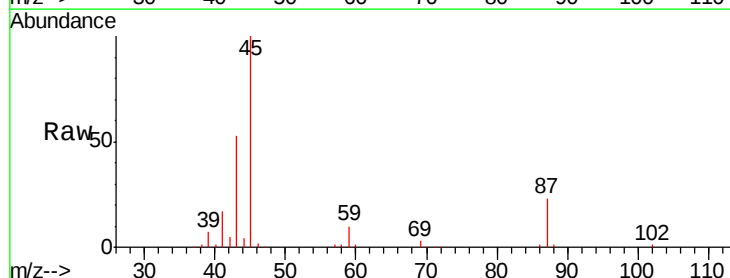
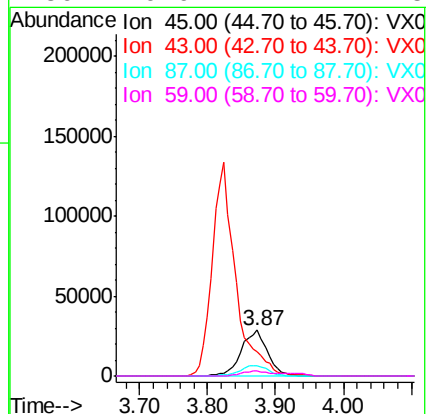
Ion Ratio Lower Upper

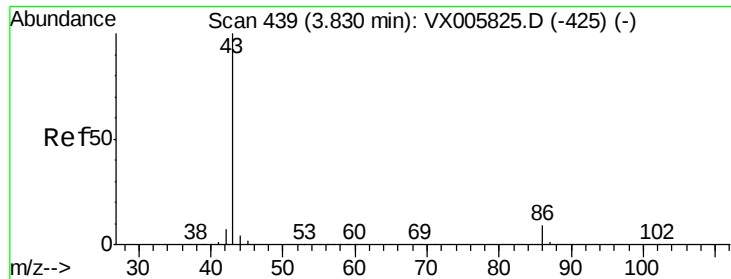
45 100

43 52.2 47.4 71.2

87 23.0 15.9 23.9

59 9.9 7.7 11.5





#23

Vinyl Acetate

Concen: 102.00 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

Tgt Ion: 43 Resp: 321880

Ion Ratio Lower Upper

43 100

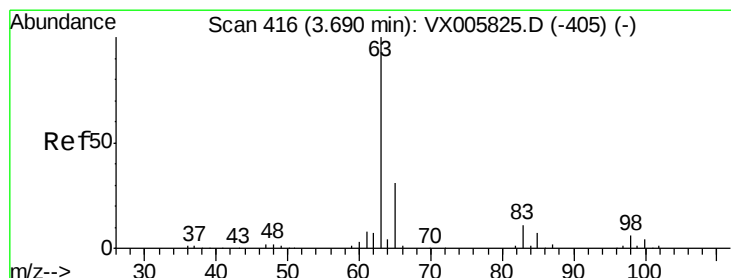
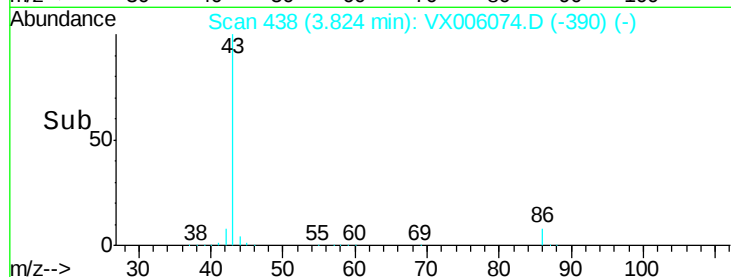
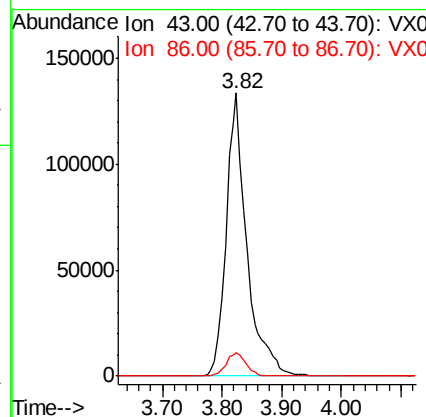
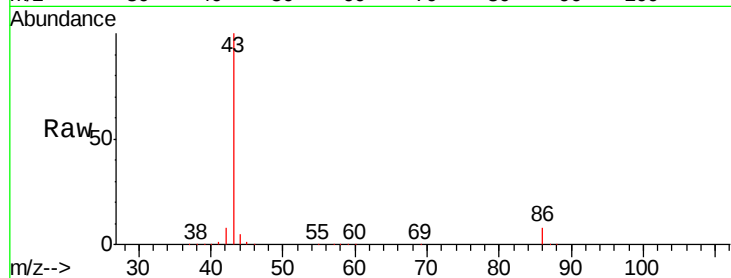
86 8.4 7.4 11.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.54 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

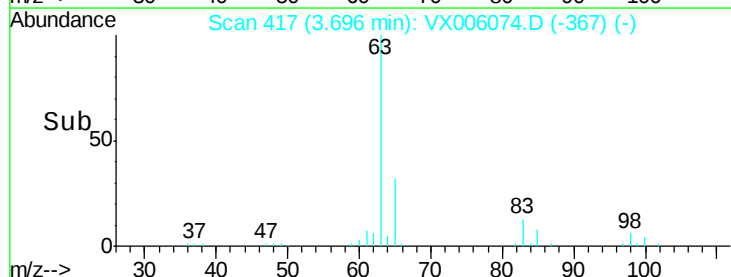
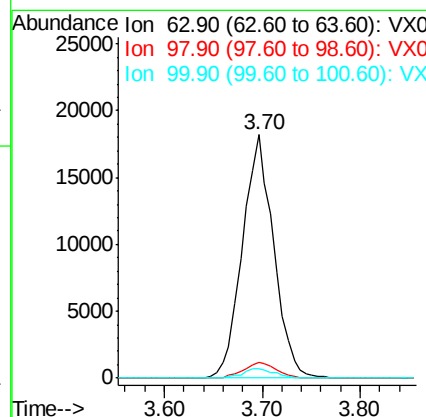
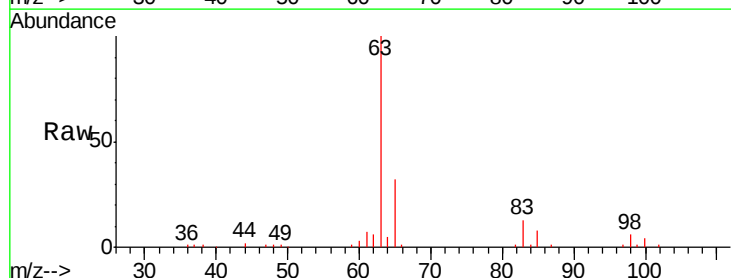
Tgt Ion: 63 Resp: 40332

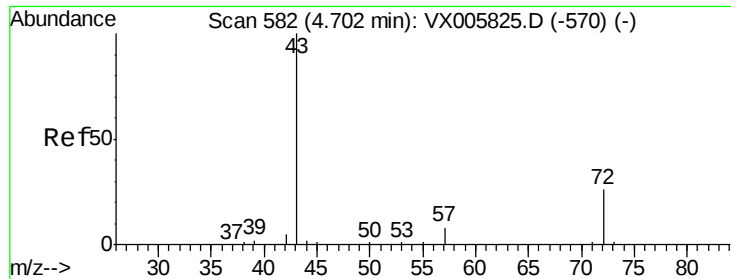
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 99.45 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

Tgt Ion: 43 Resp: 103001

Ion Ratio Lower Upper

43 100

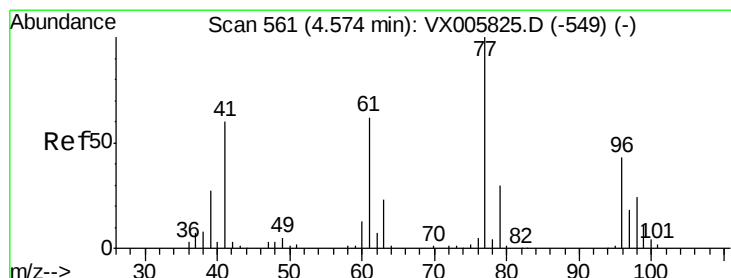
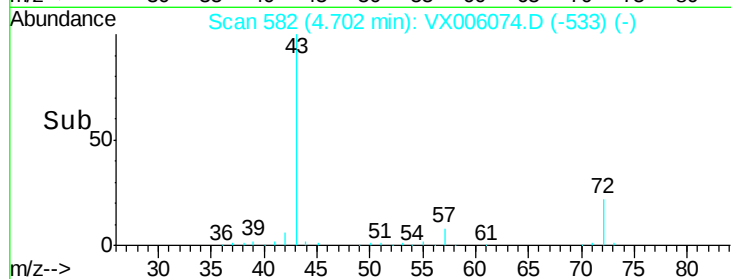
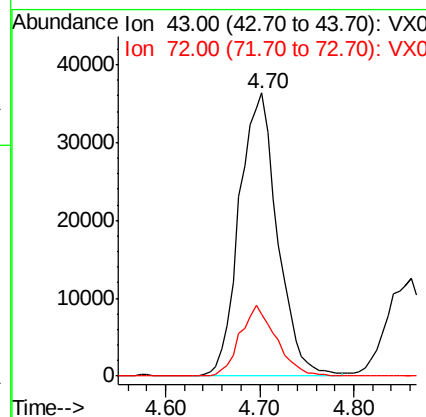
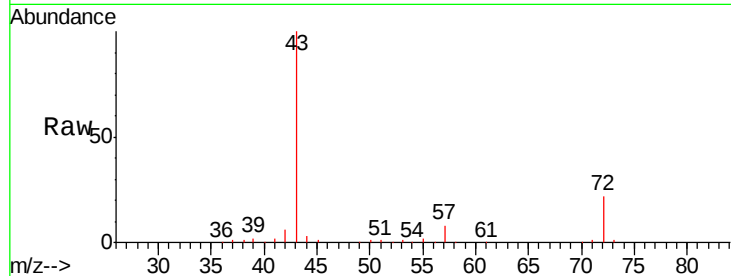
72 21.9 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

11/19/2018 9:25:14 AM



#26

2,2-Dichloropropane

Concen: 18.68 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX006074.D

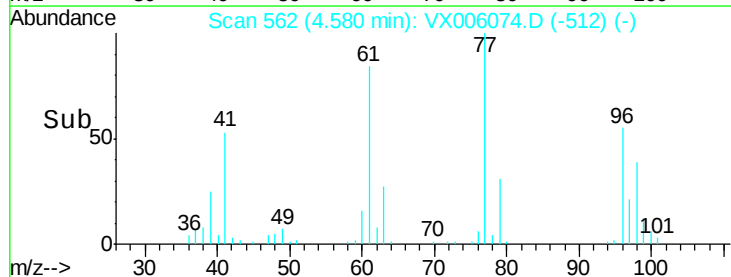
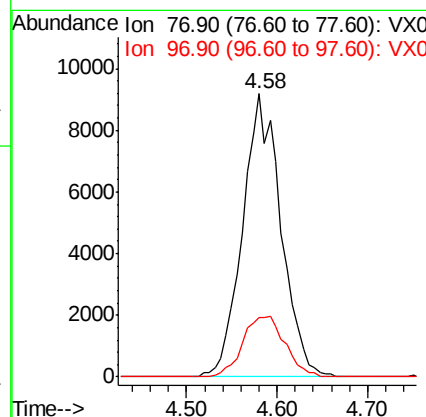
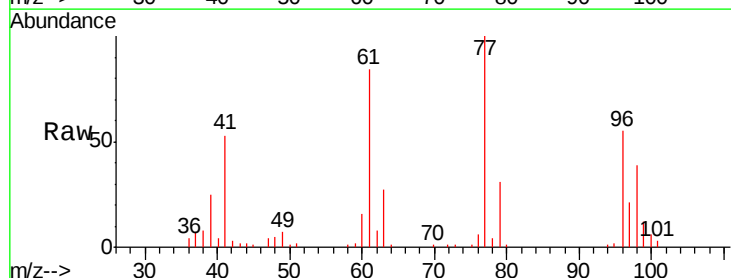
Acq: 17 Nov 2018 17:45

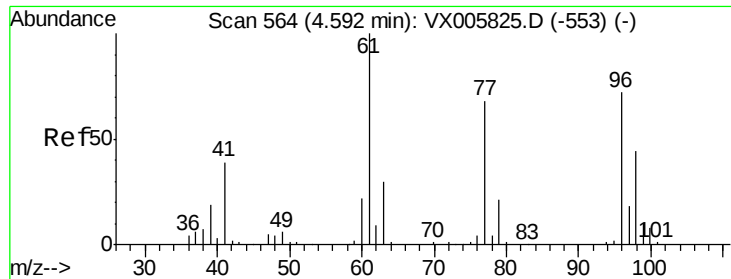
Tgt Ion: 77 Resp: 26913

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 19.57 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

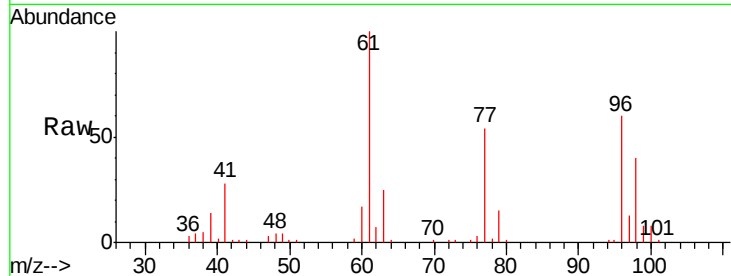
ClientSampleId :

VX1117MBS01

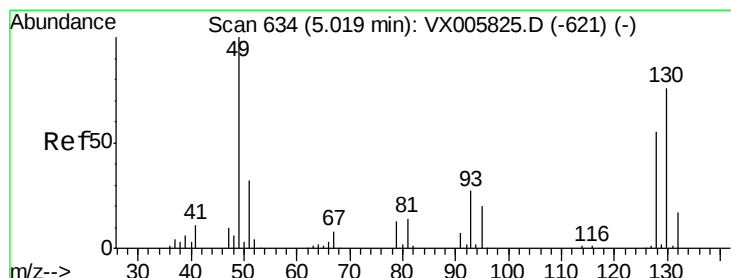
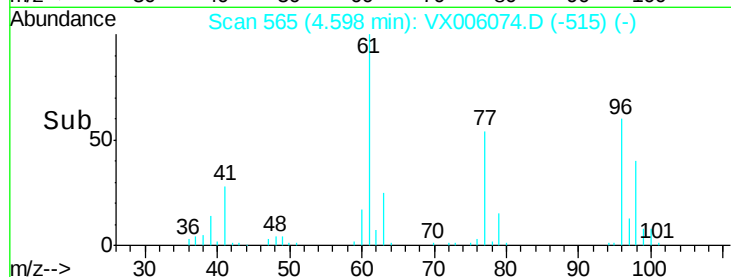
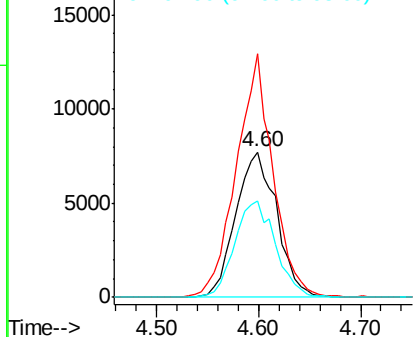
Tgt Ion:	96	Resp:	21442
Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	304.6
98	65.9	0.0	127.4

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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 21.58 ug/l

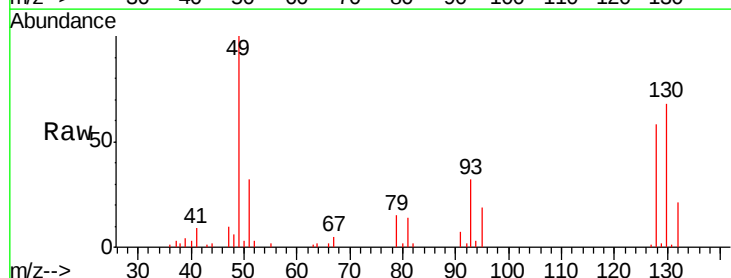
RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

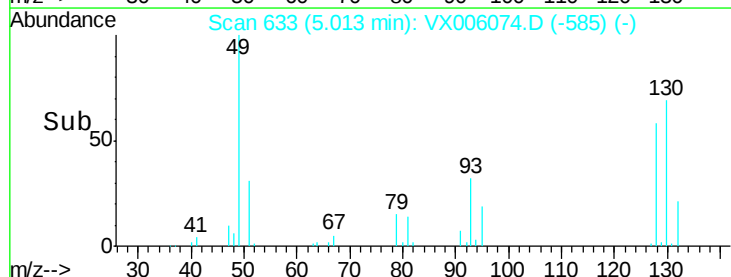
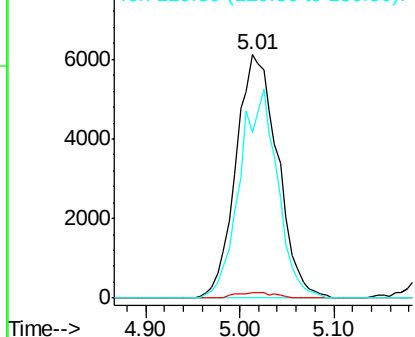
Lab File: VX006074.D

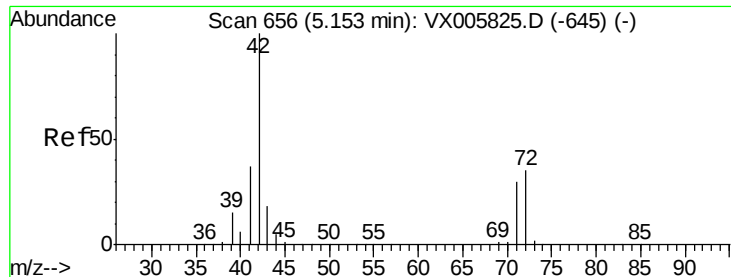
Acq: 17 Nov 2018 17:45

Tgt Ion:	49	Resp:	18940
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	77.5	58.9	88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





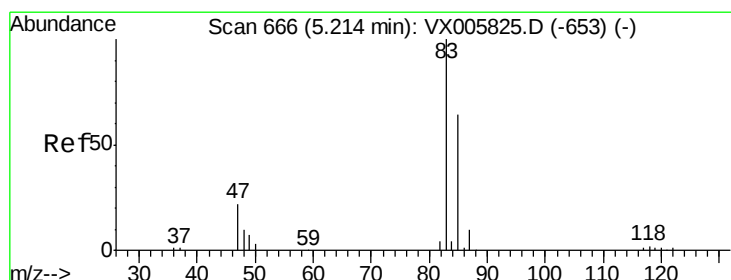
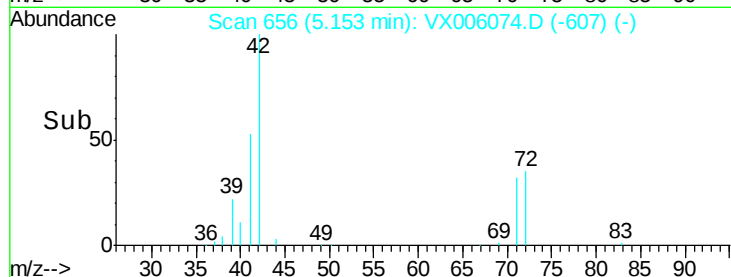
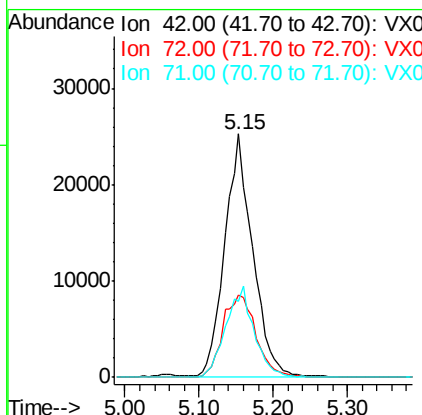
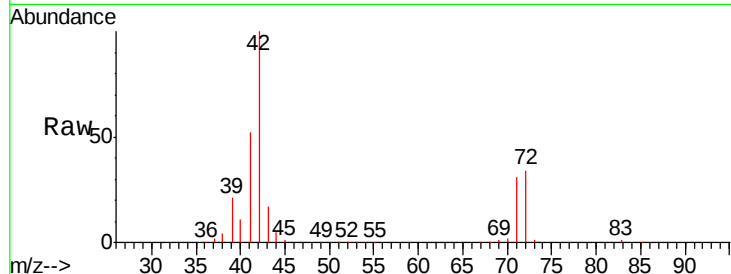
#29
Tetrahydrofuran
Concen: 99.66 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.0	48.0
71	38.0	29.8	44.8

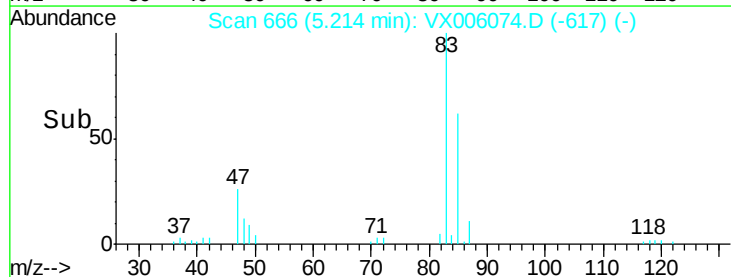
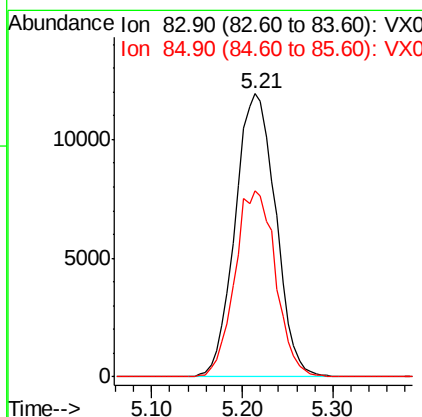
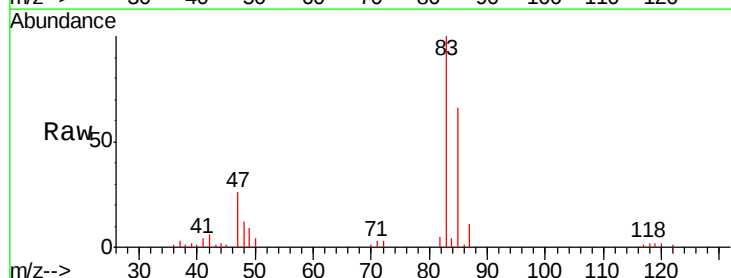
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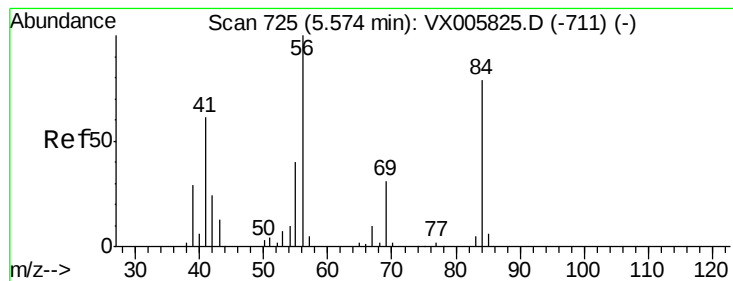
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#30
Chloroform
Concen: 19.48 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.6	76.0





#31

Cyclohexane

Concen: 17.77 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

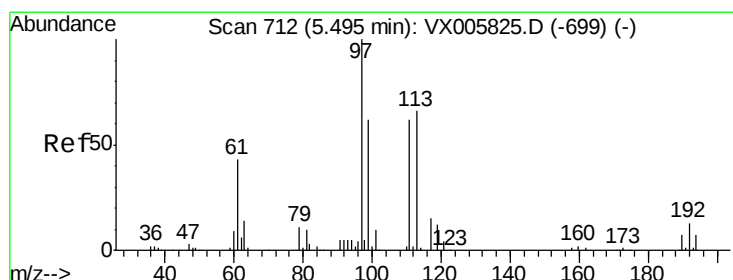
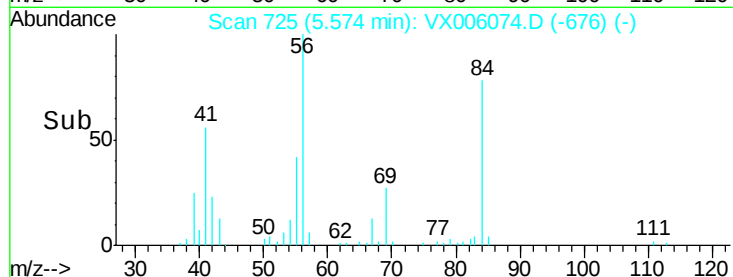
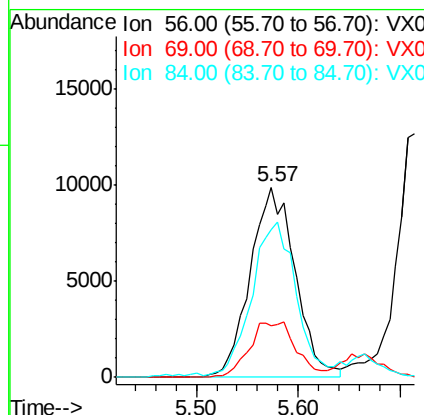
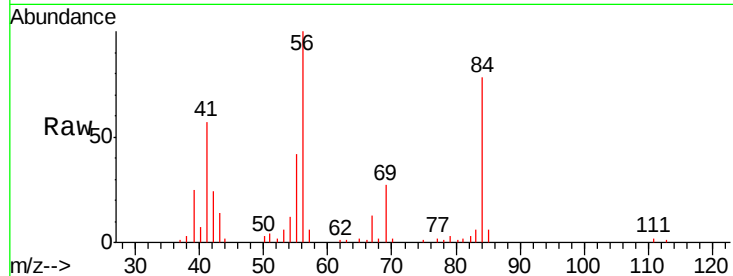
ClientSampleId :

VX1117MBS01

Tgt Ion:	56	Resp:	30286
Ion Ratio	Lower	Upper	
56	100		
69	27.3	22.6	34.0
84	76.3	62.7	94.1

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#32

1,1,1-Trichloroethane

Concen: 19.49 ug/l

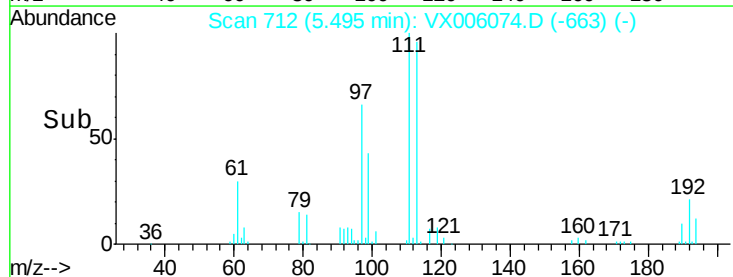
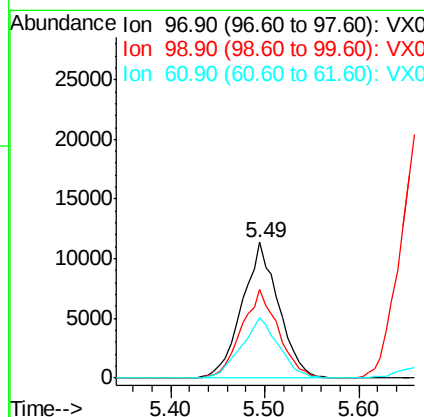
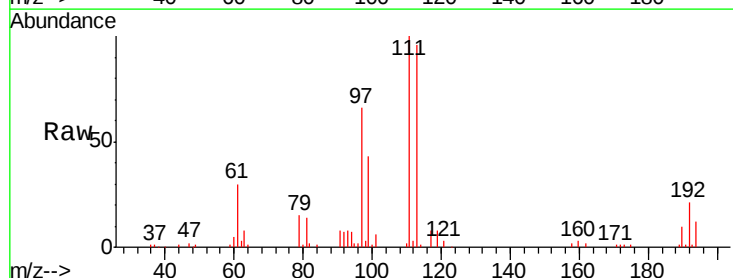
RT: 5.49 min Scan# 712

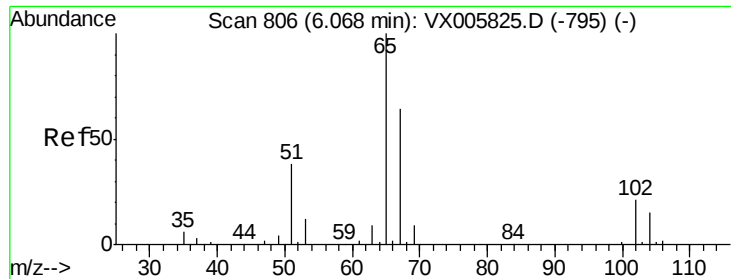
Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Tgt Ion:	97	Resp:	30796
Ion Ratio	Lower	Upper	
97	100		
99	65.9	52.3	78.5
61	45.6	35.2	52.8





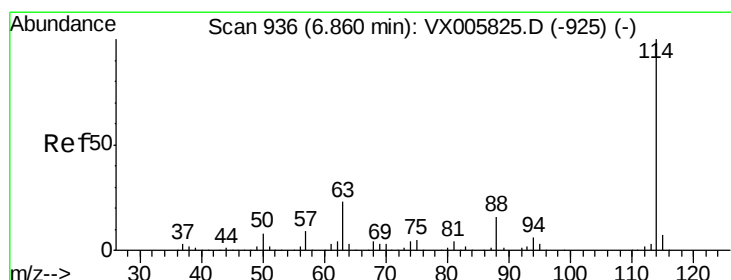
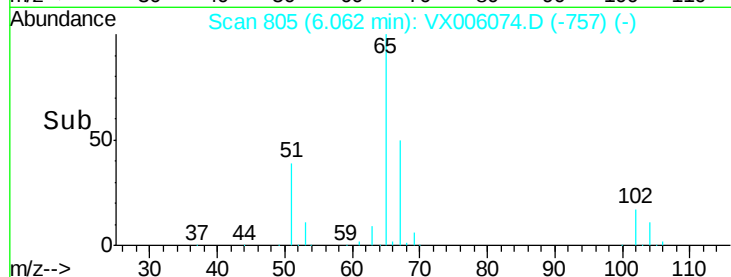
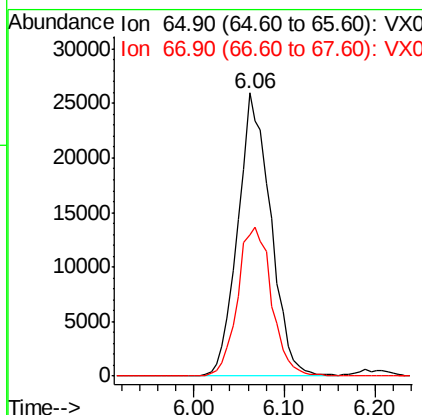
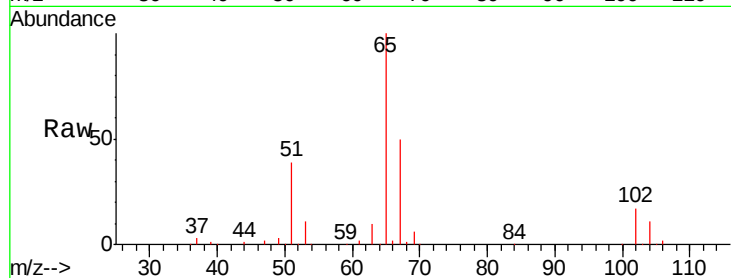
#33
 1,2-Dichloroethane-d4
 Concen: 53.16 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Tgt Ion: 65 Resp: 65044
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.0

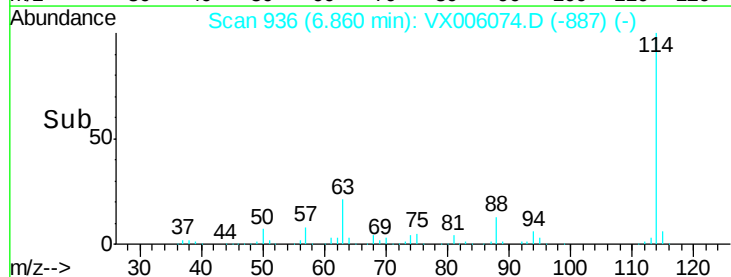
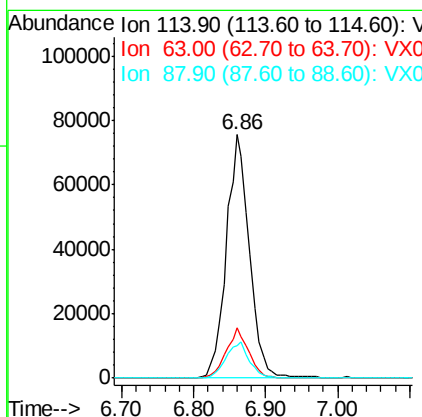
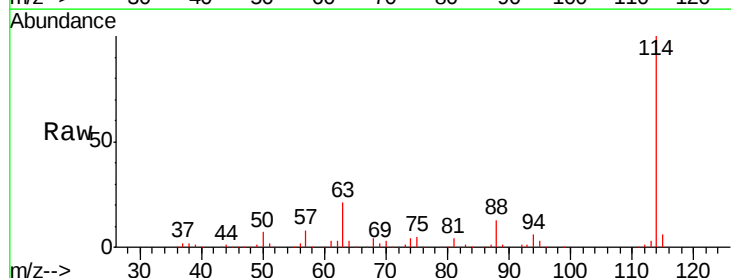
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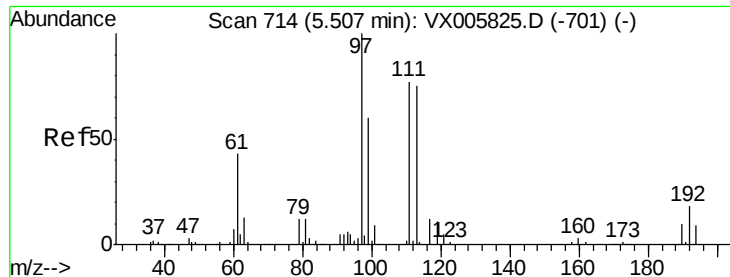
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion: 114 Resp: 168357
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 13.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.76 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

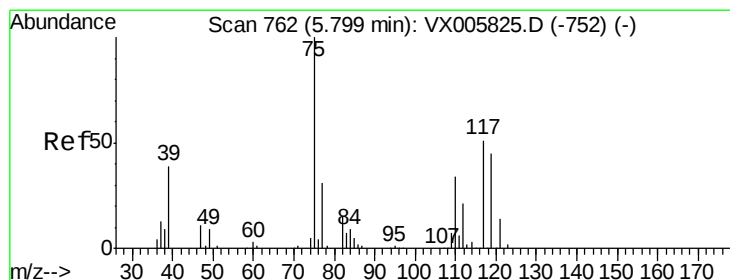
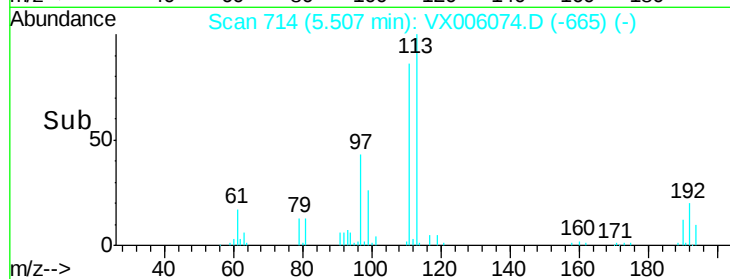
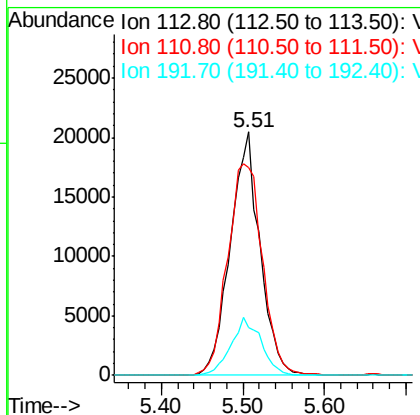
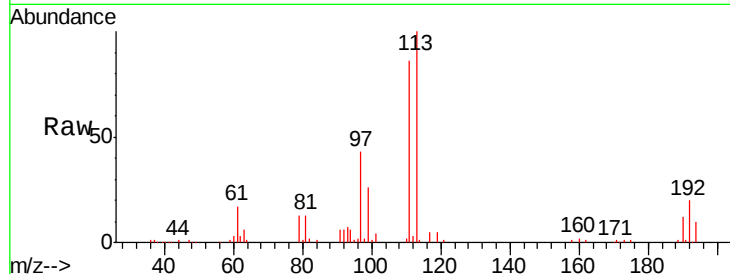
ClientSampleId :

VX1117MBS01

Tgt Ion:	113	Resp:	51249
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.3	123.5
192	24.1	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 15.88 ug/l

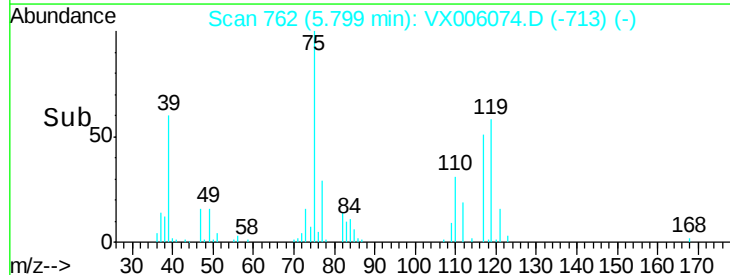
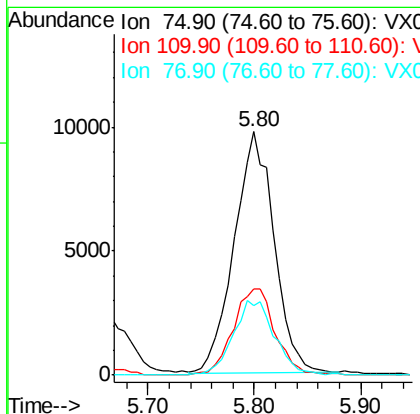
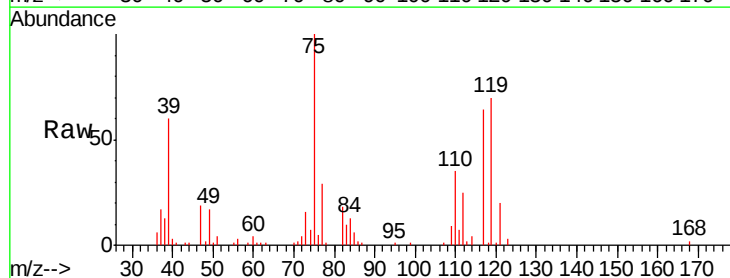
RT: 5.80 min Scan# 762

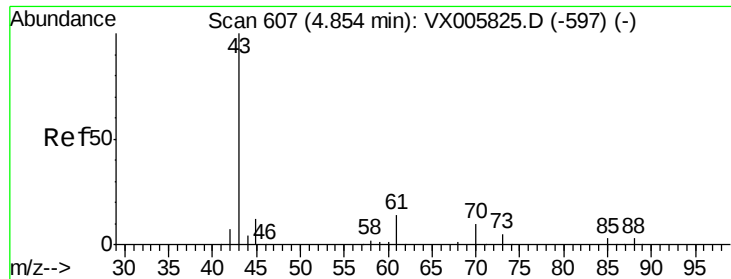
Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Tgt Ion:	75	Resp:	25775
Ion	Ratio	Lower	Upper
75	100		
110	37.4	17.4	52.2
77	31.8	25.8	38.6





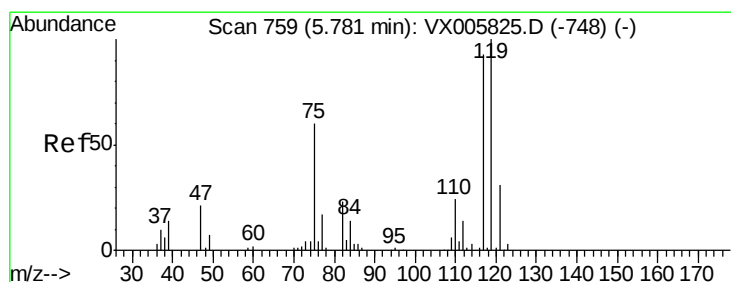
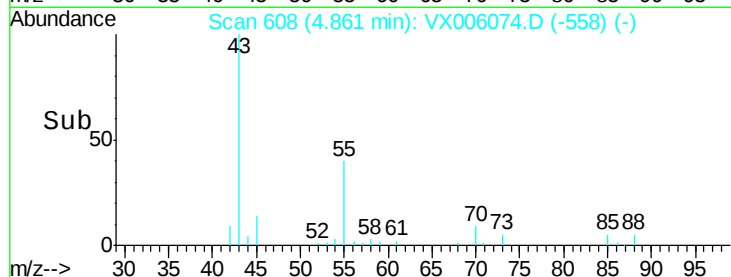
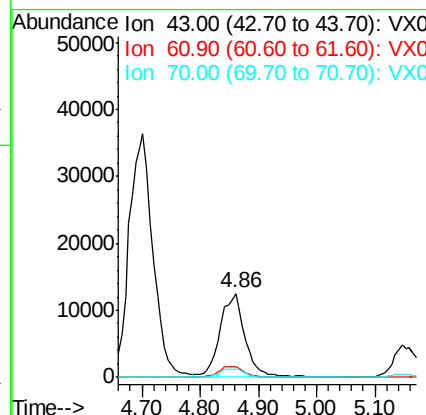
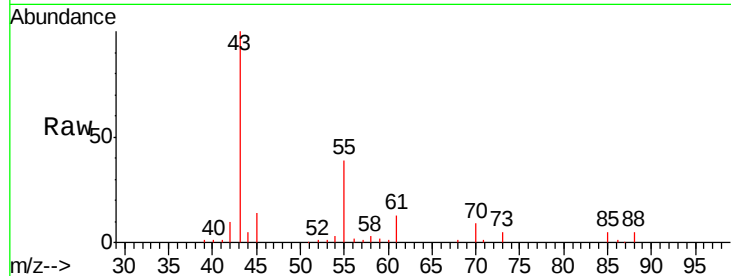
#37
Ethyl Acetate
Concen: 17.37 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	10.4	7.8	11.8

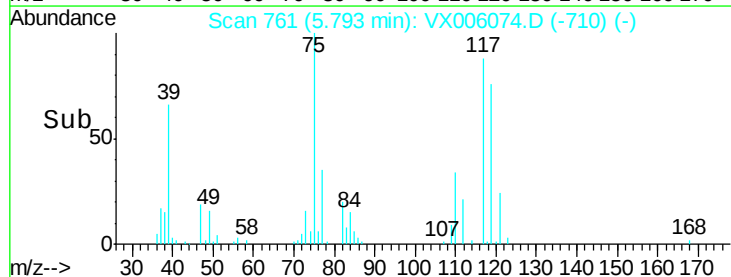
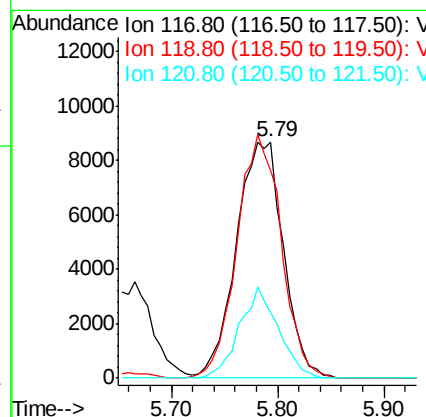
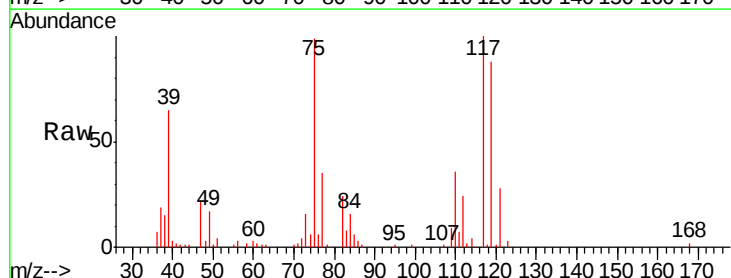
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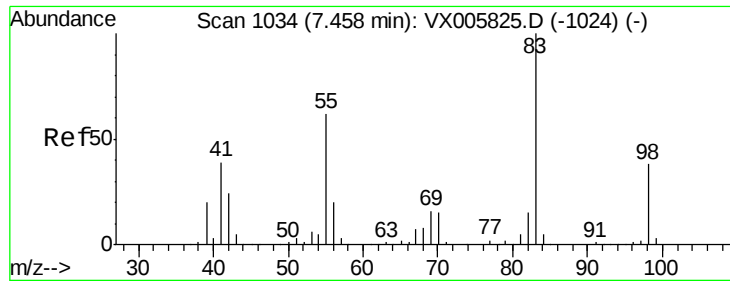
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#38
Carbon Tetrachloride
Concen: 16.57 ug/l
RT: 5.79 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.1	78.1	117.1
121	27.7	24.6	36.8





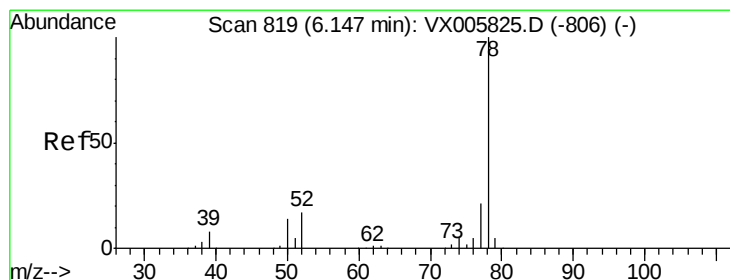
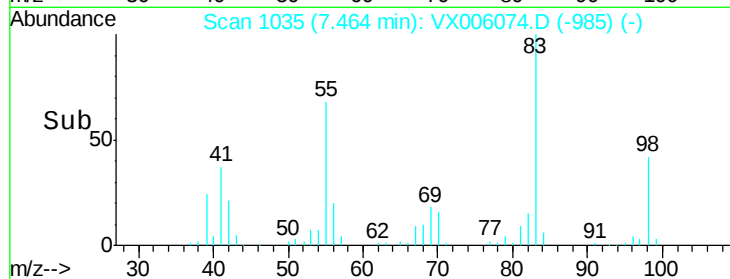
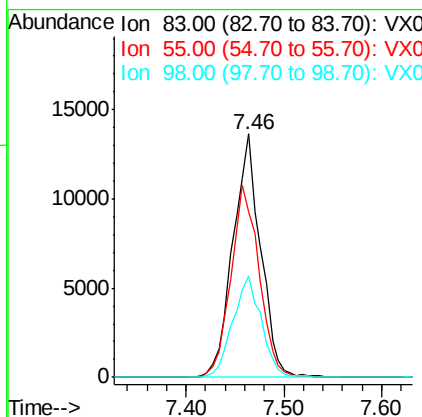
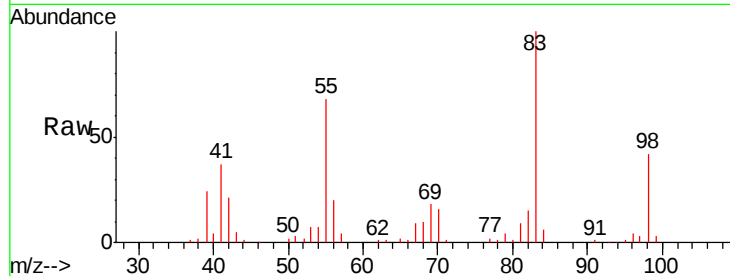
#39
Methylcyclohexane
Concen: 16.21 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.2	63.7	95.5
98	41.8	36.2	54.2

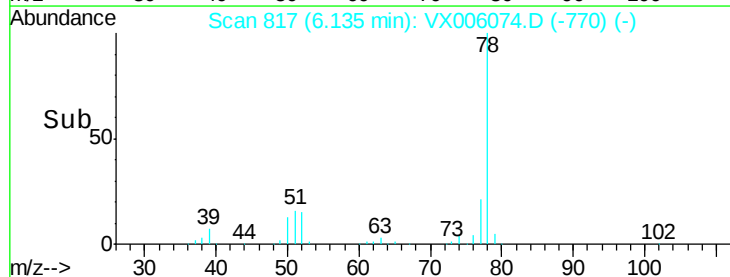
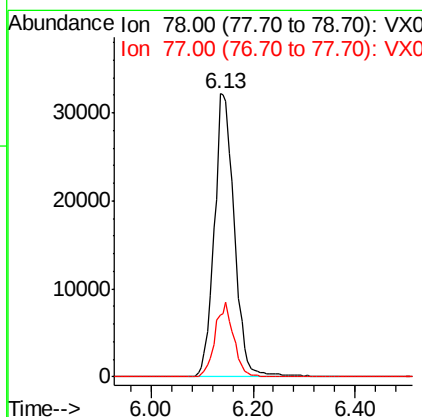
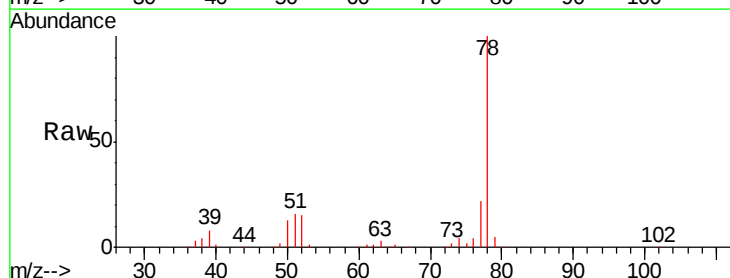
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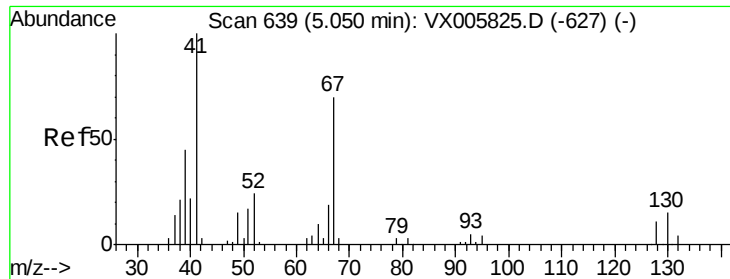
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#40
Benzene
Concen: 18.61 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.9	18.4	27.6





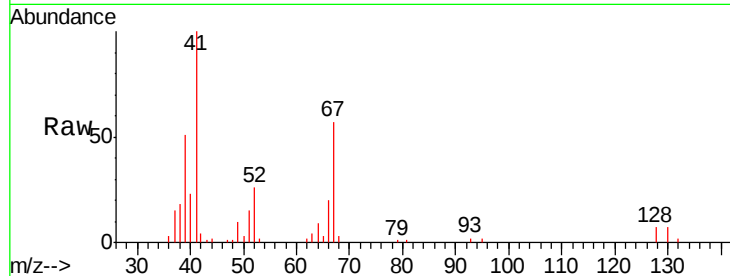
#41
Methacrylonitrile
Concen: 18.04 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

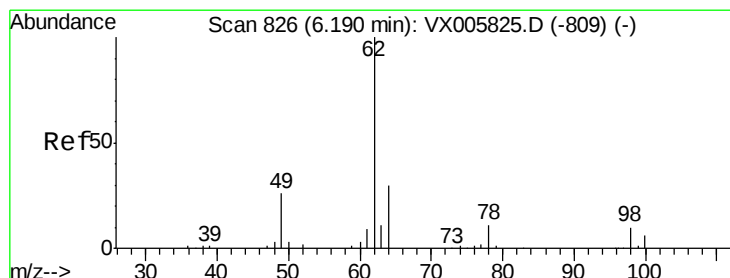
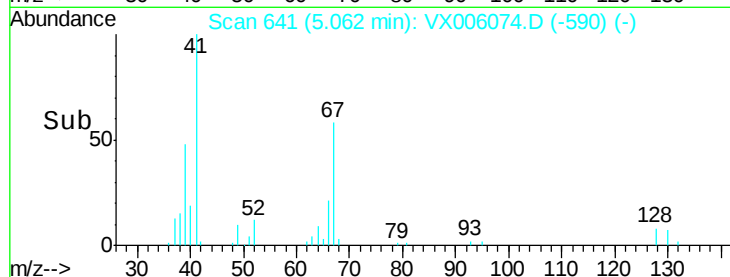
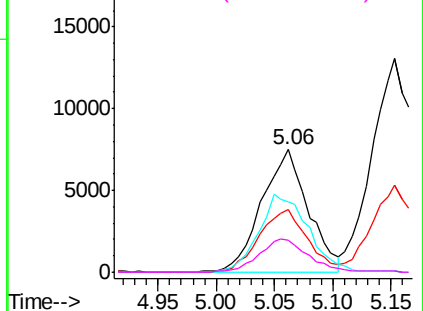
Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	42.2	63.2	
67	67.7	53.4	80.0	
52	28.7	23.4	35.2	

Manual Integrations
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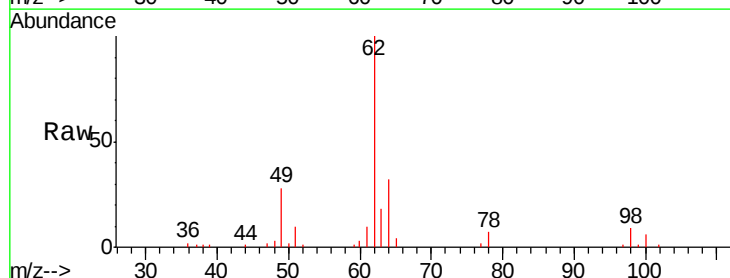


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

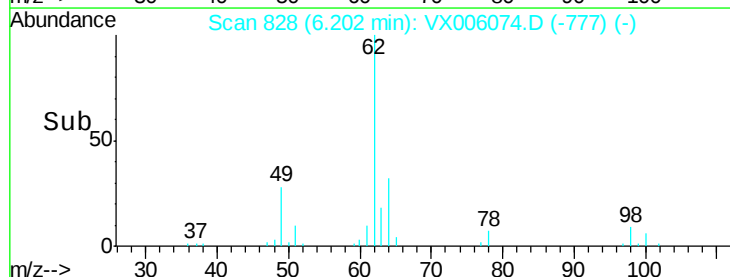
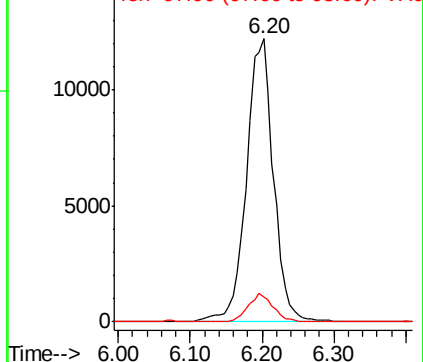


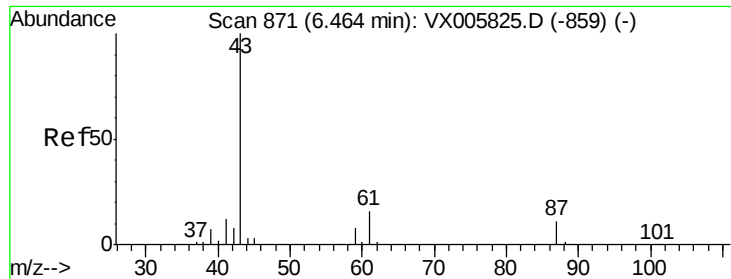
#42
1,2-Dichloroethane
Concen: 18.68 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	17.8	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

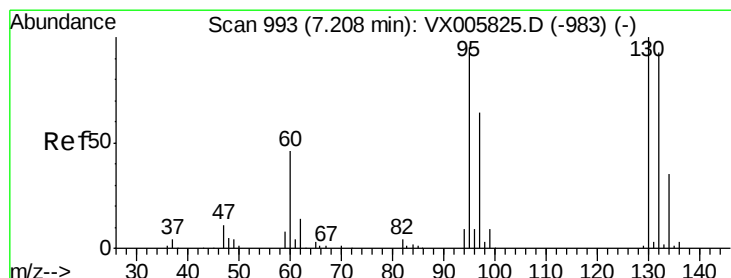
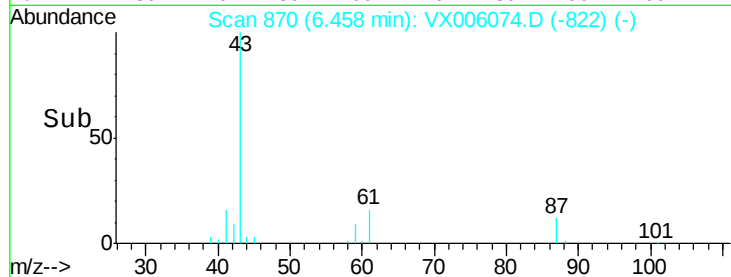
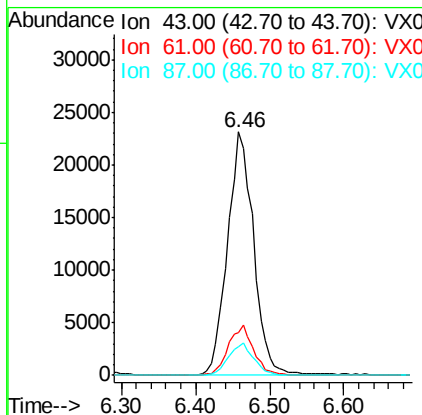
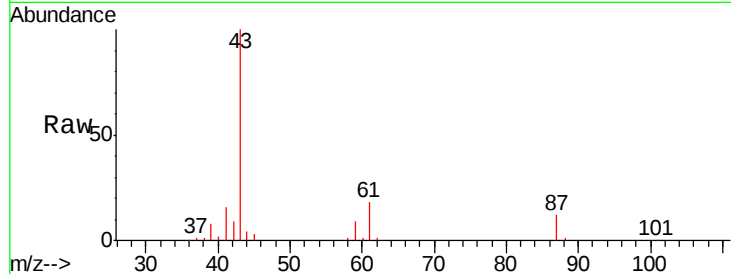
Isopropyl Acetate
 Concen: 18.51 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.6	22.0
87	12.7	9.6	14.4

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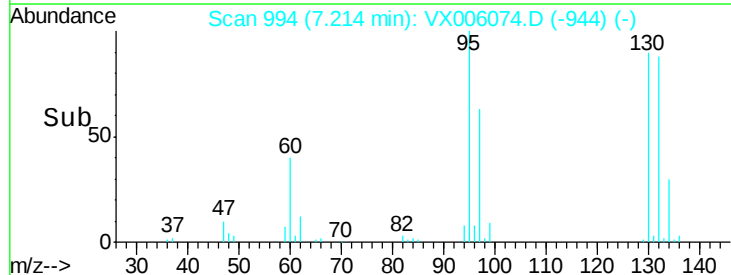
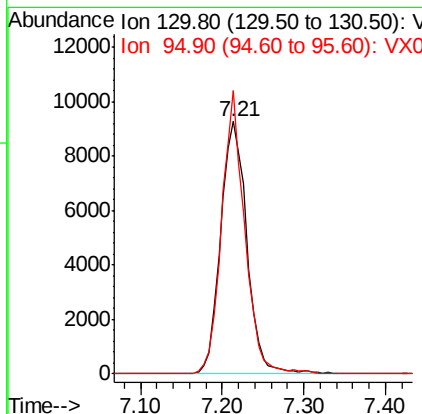
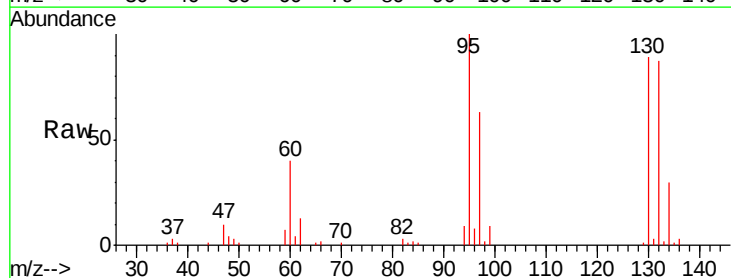
MMDadoda
 11/19/2018 9:25:14 AM

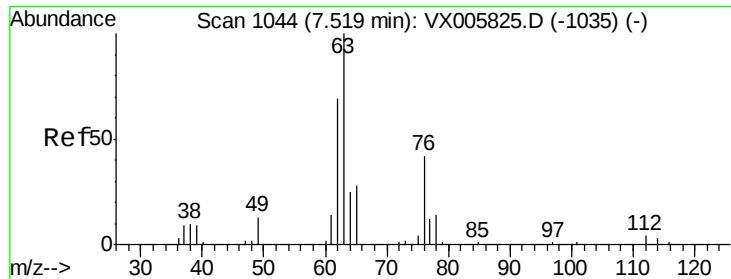


#44

Trichloroethene
 Concen: 17.17 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	112.2	0.0	194.2





#45

1,2-Dichloropropane

Concen: 19.31 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

Tgt Ion: 63 Resp: 22174

Ion Ratio Lower Upper

63 100

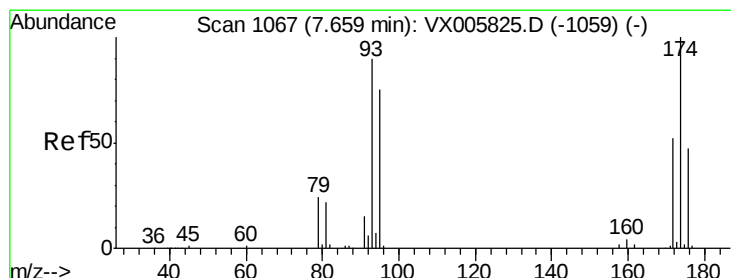
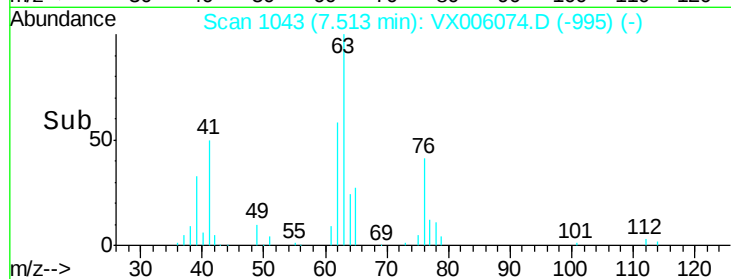
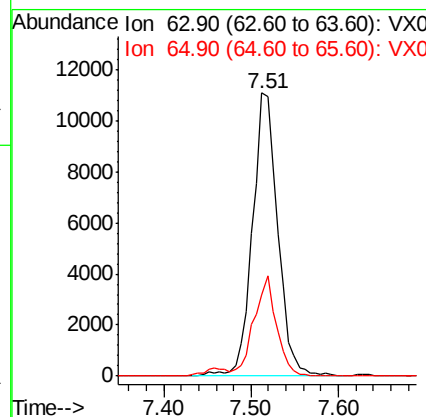
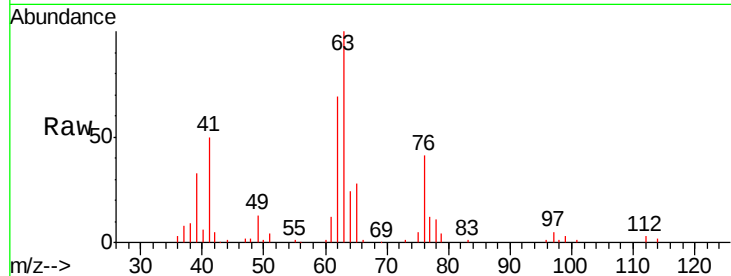
65 28.4 24.8 37.2

Manual Integrations

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11/19/2018 9:25:14 AM



#46

Dibromomethane

Concen: 18.90 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

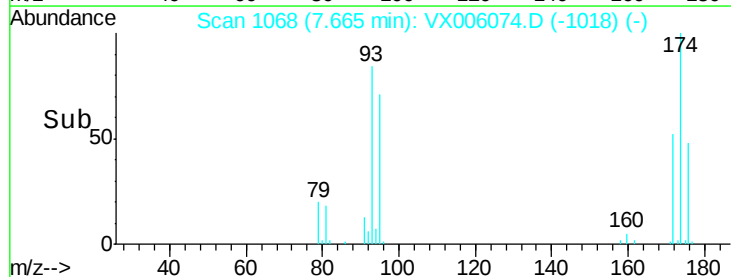
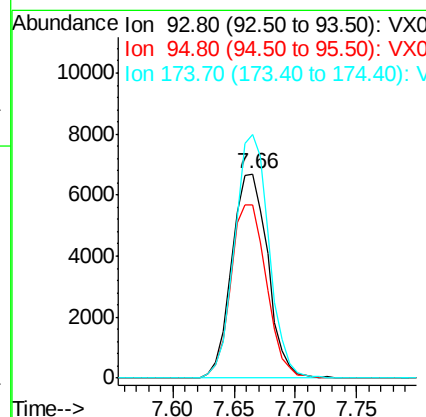
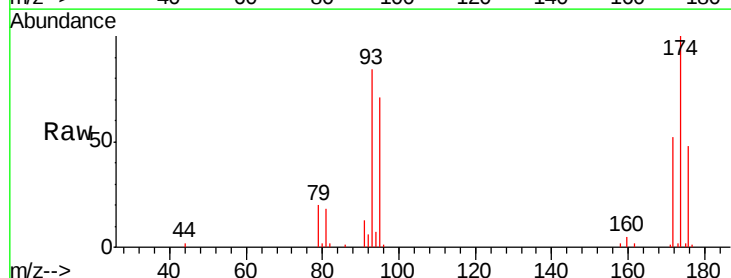
Tgt Ion: 93 Resp: 13621

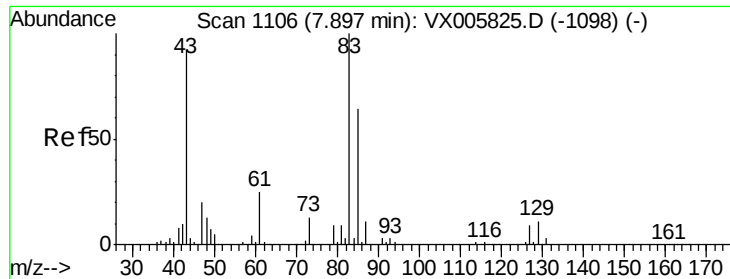
Ion Ratio Lower Upper

93 100

95 84.1 67.4 101.0

174 113.8 91.5 137.3





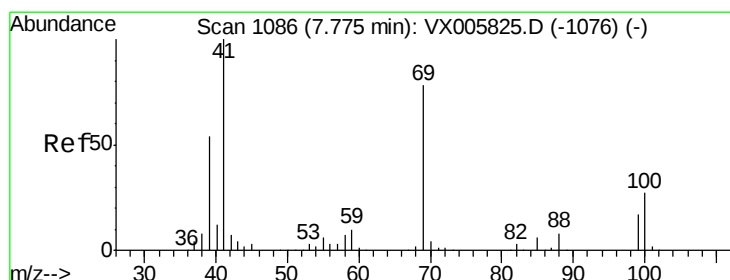
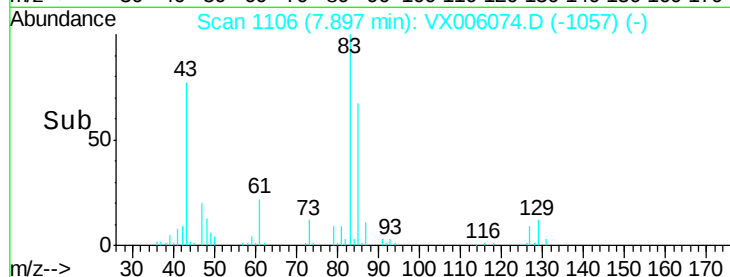
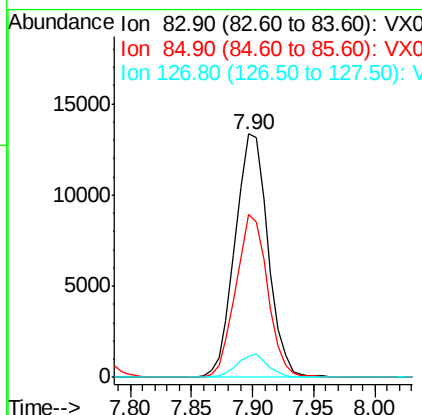
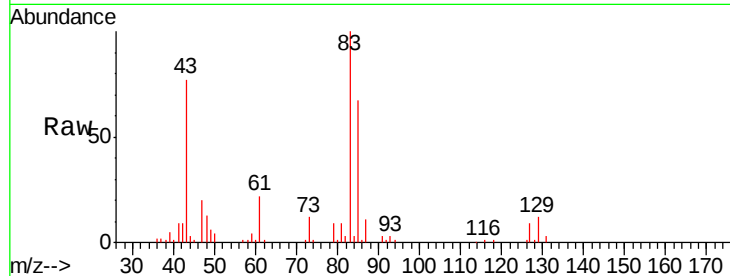
#47
Bromodichloromethane
Concen: 18.36 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.2	75.4
127	8.8	6.9	10.3

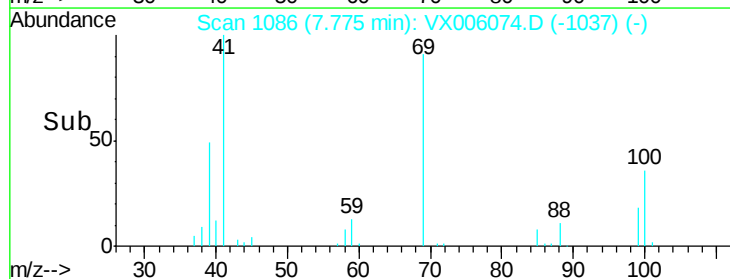
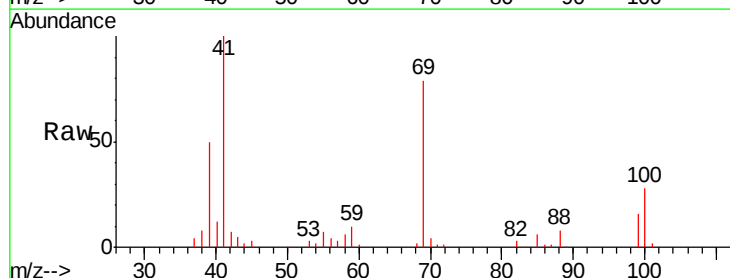
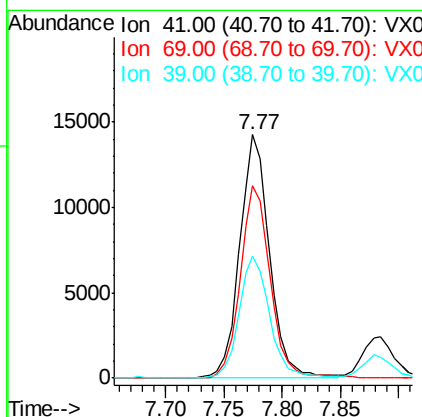
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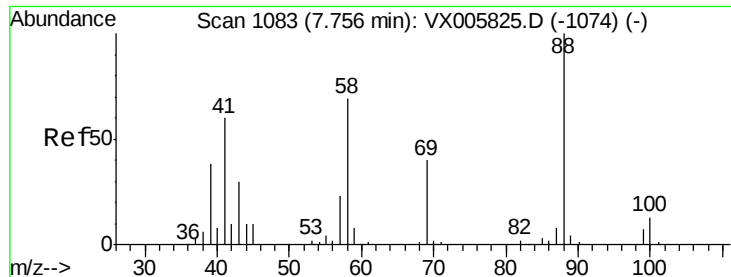
MMDadoda
11/19/2018 9:25:14 AM



#48
Methyl methacrylate
Concen: 18.31 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.5	63.2	94.8
39	51.4	42.2	63.2





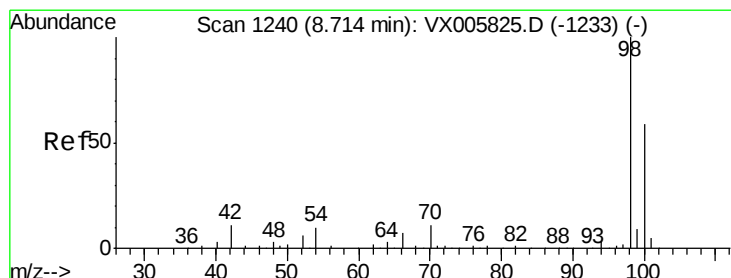
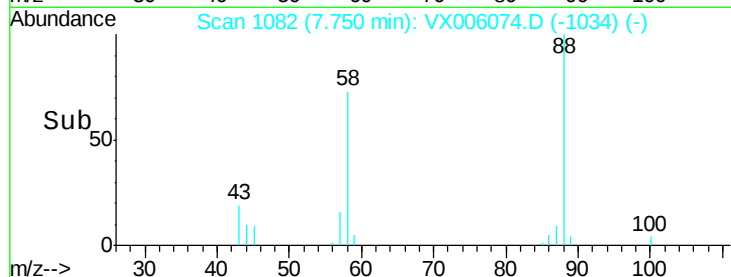
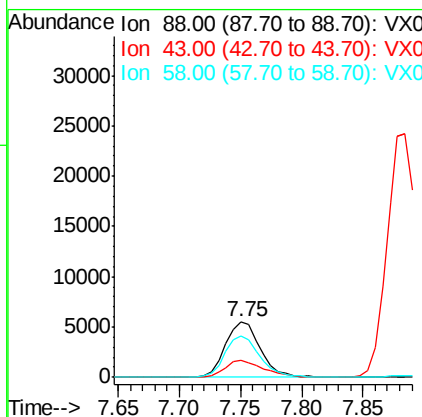
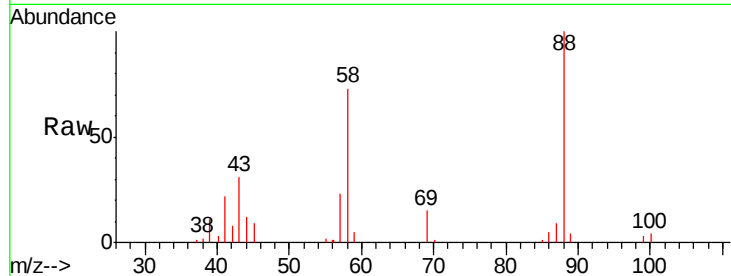
#49
1,4-Dioxane
Concen: 362.06 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.3	27.4	41.0
58	75.6	59.4	89.2

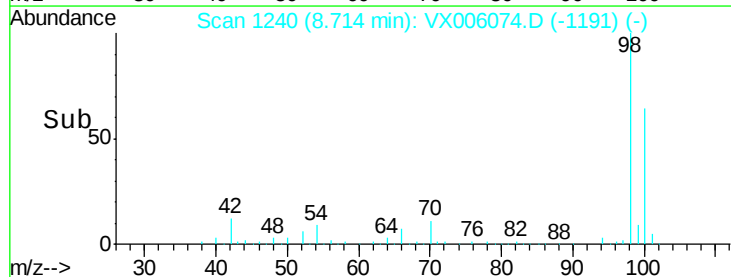
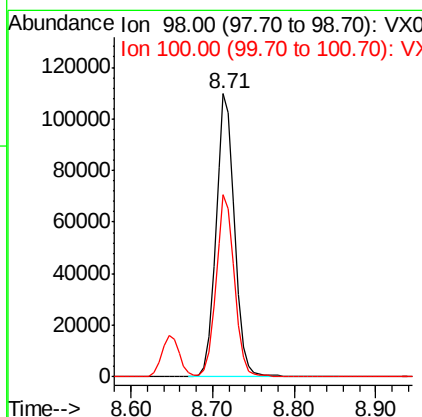
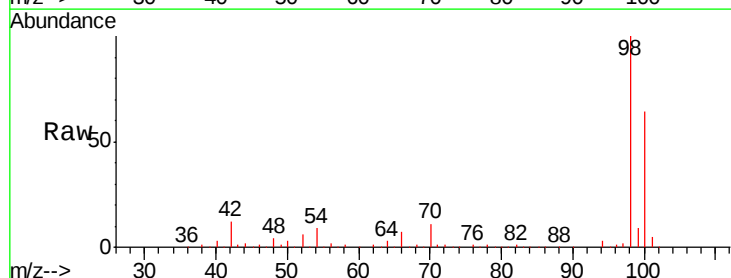
Manual Integrations
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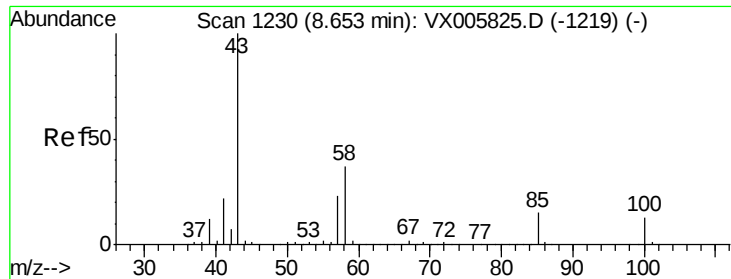
MMDadoda
11/19/2018 9:25:14 AM



#50
Toluene-d8
Concen: 46.12 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.3	76.9





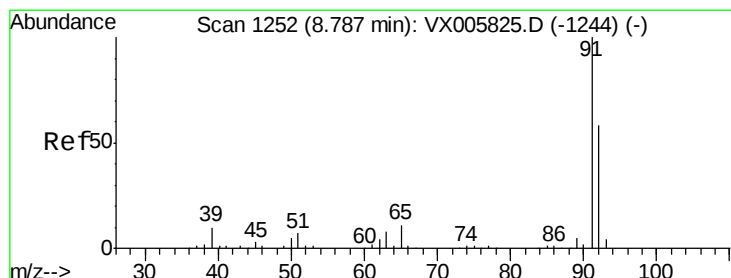
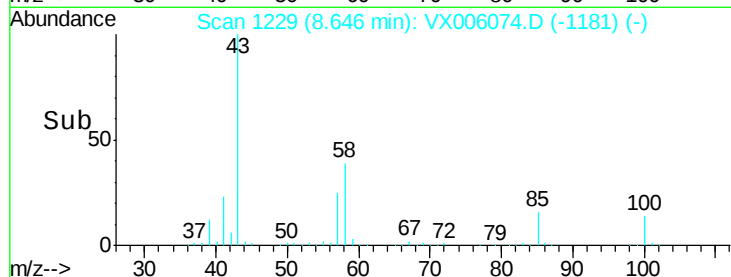
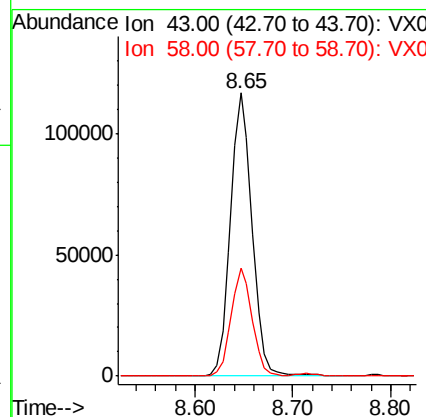
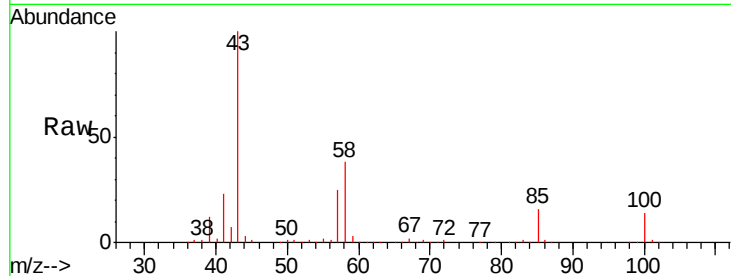
#51
4-Methyl-2-Pentanone
Concen: 91.94 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion: 43 Resp: 179193
Ion Ratio Lower Upper
43 100
58 37.1 29.7 44.5

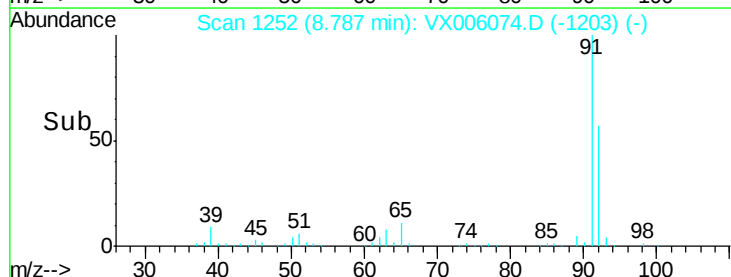
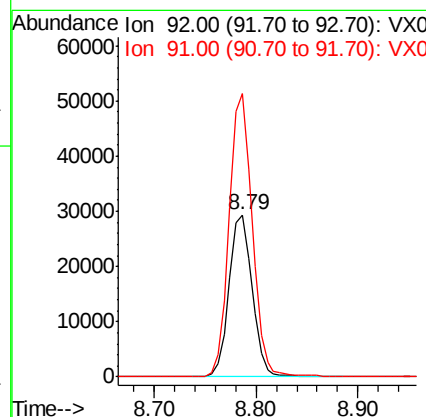
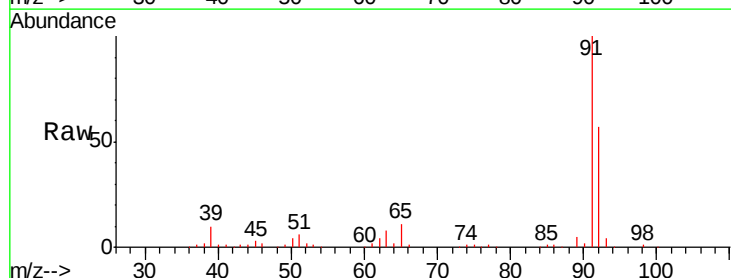
Manual Integrations
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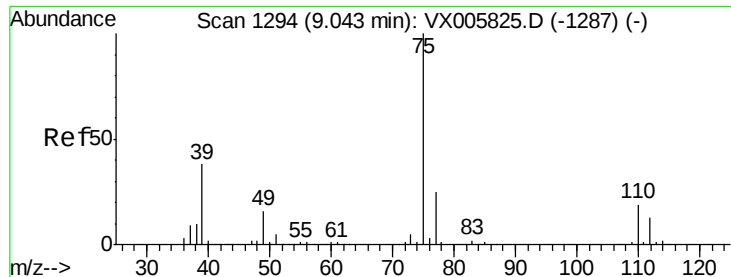
MMDadoda
11/19/2018 9:25:14 AM



#52
Toluene
Concen: 17.52 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 92 Resp: 46329
Ion Ratio Lower Upper
92 100
91 174.4 140.4 210.6





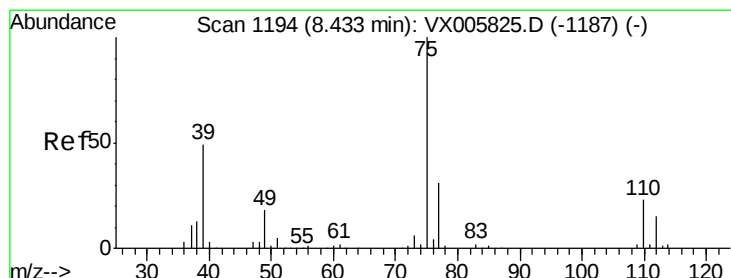
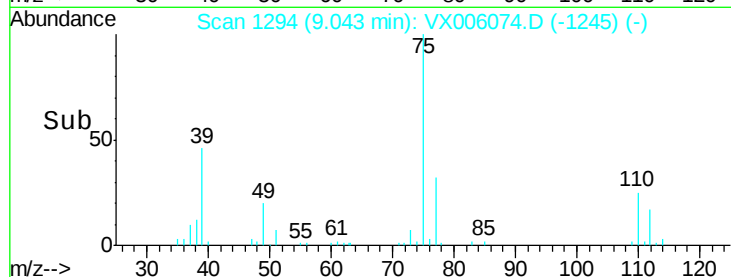
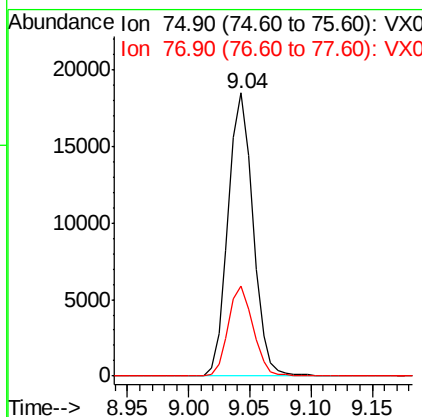
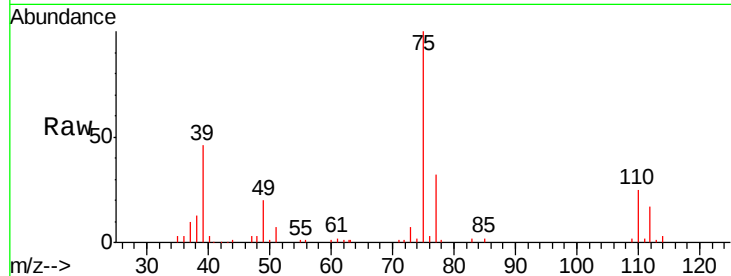
#53
t-1,3-Dichloropropene
Concen: 16.28 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion: 75 Resp: 26157
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

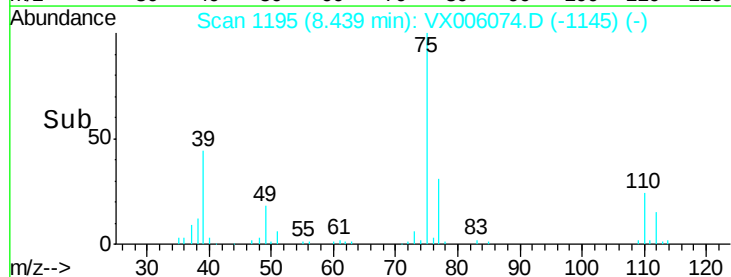
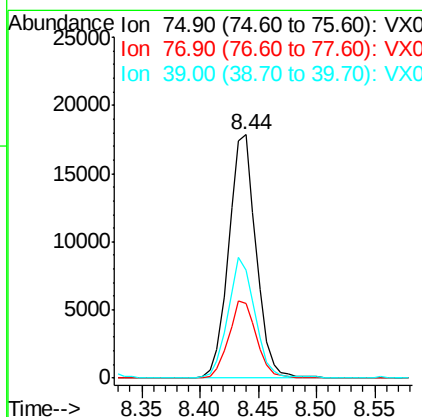
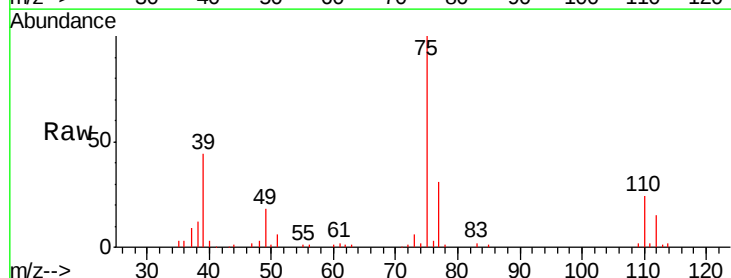
Manual Integrations
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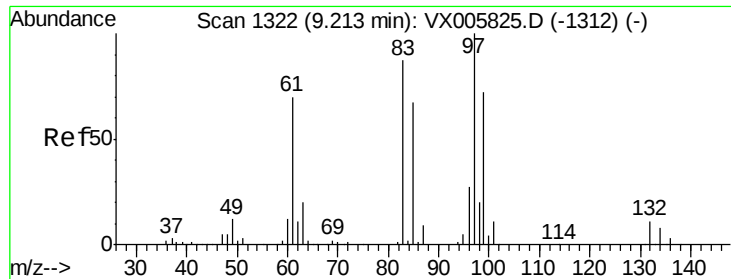
MMDadoda
11/19/2018 9:25:14 AM



#54
cis-1,3-Dichloropropene
Concen: 17.88 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 75 Resp: 29286
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 44.3 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 17.23 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

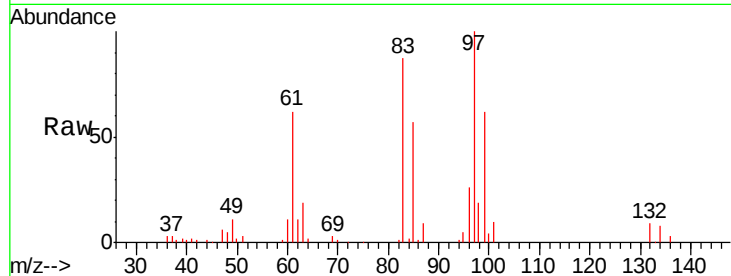
ClientSampleId :

VX1117MBS01

Tgt Ion:	97	Resp:	20304
Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.7	106.1
85	57.4	45.8	68.6
99	62.1	51.8	77.8

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MMDadoda
11/19/2018 9:25:14 AM



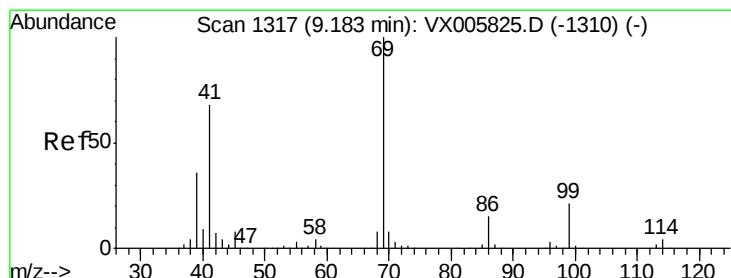
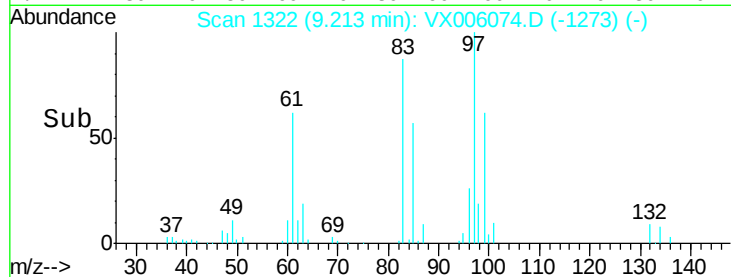
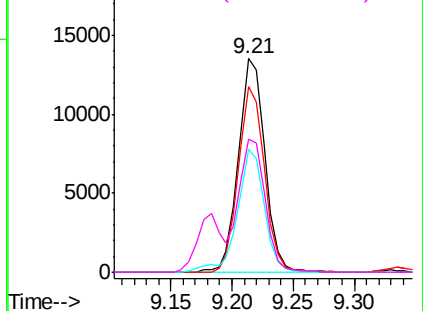
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 16.30 ug/l

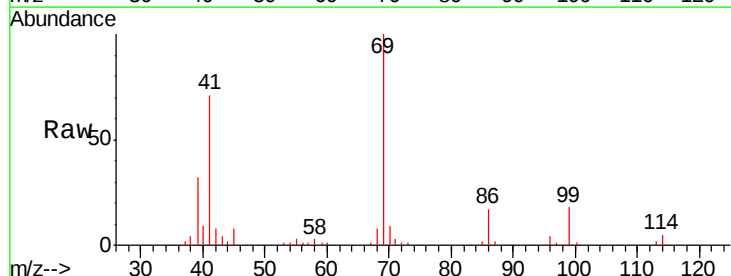
RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Tgt Ion:	69	Resp:	28746
Ion	Ratio	Lower	Upper
69	100		
41	73.1	57.0	85.6
39	35.1	28.3	42.5

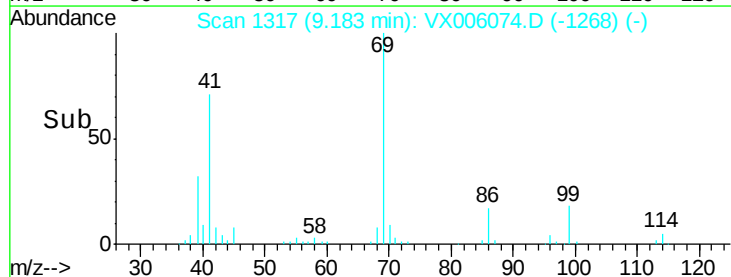
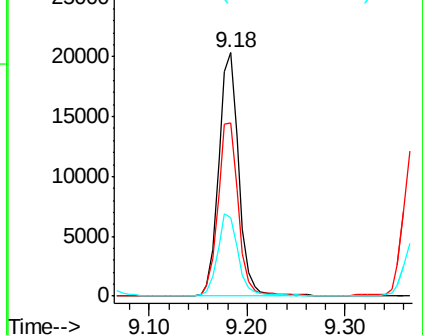


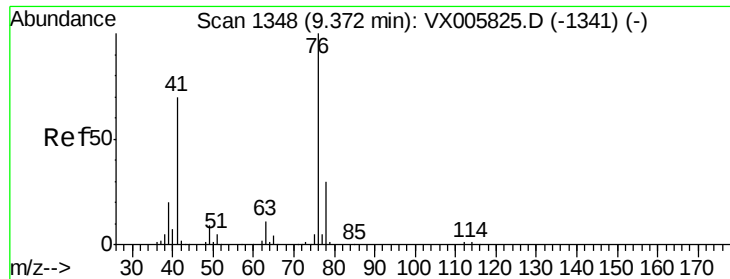
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





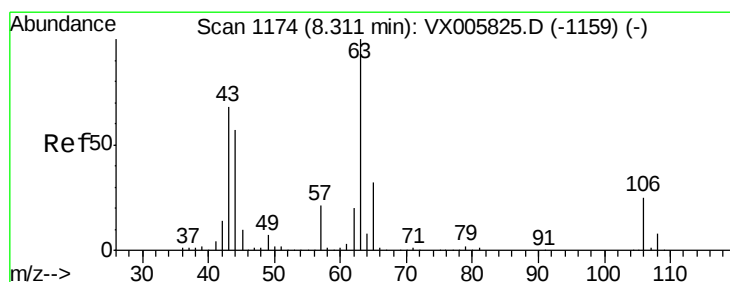
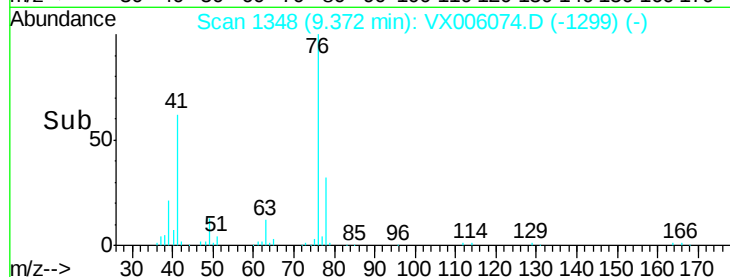
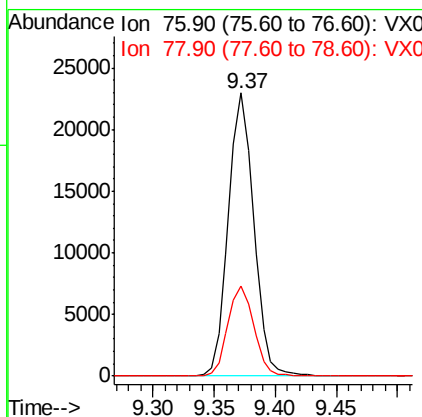
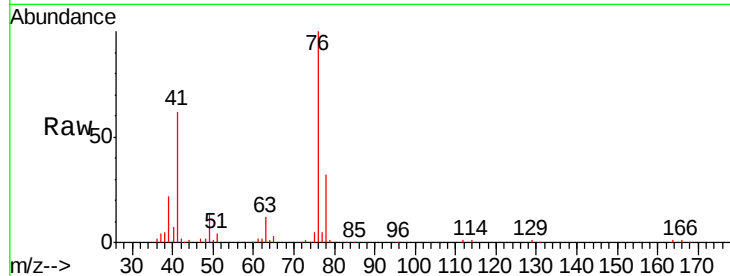
#57
 1,3-Dichloropropane
 Concen: 16.73 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Tgt Ion: 76 Resp: 33126
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.3 37.9

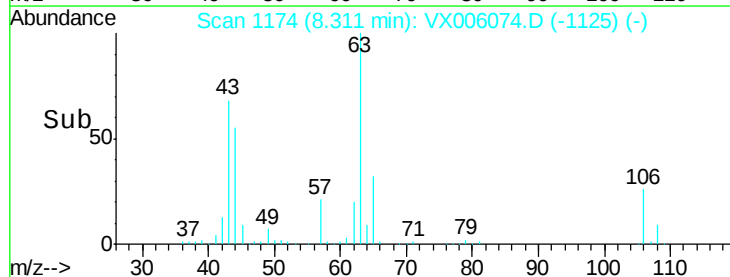
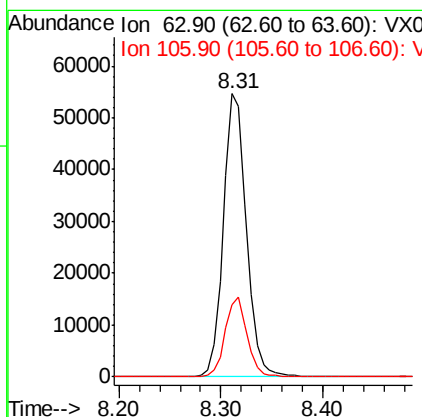
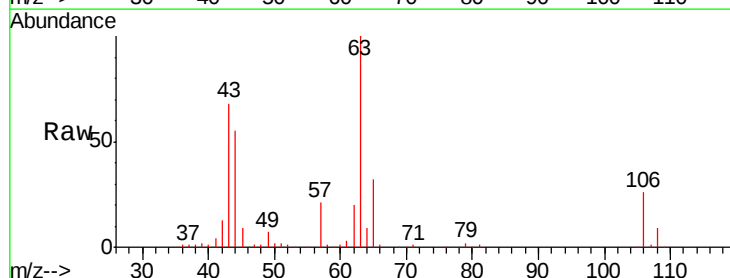
Manual Integrations
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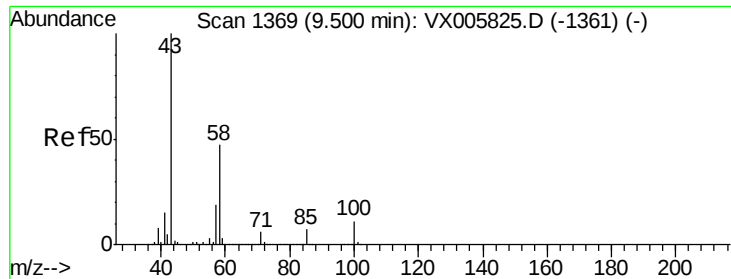
MMDadoda
 11/19/2018 9:25:14 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.22 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion: 63 Resp: 85407
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.3 31.9





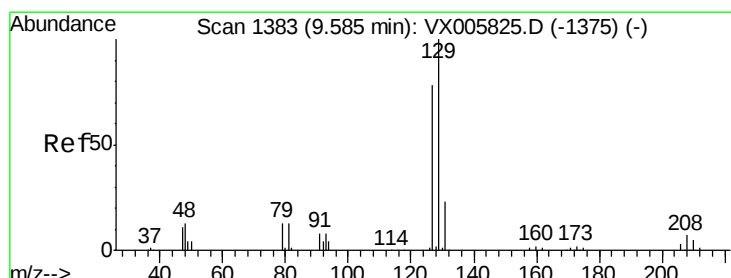
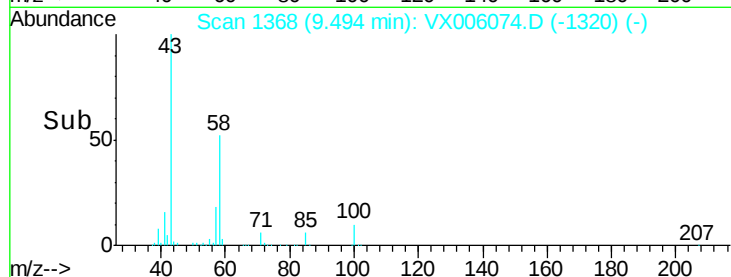
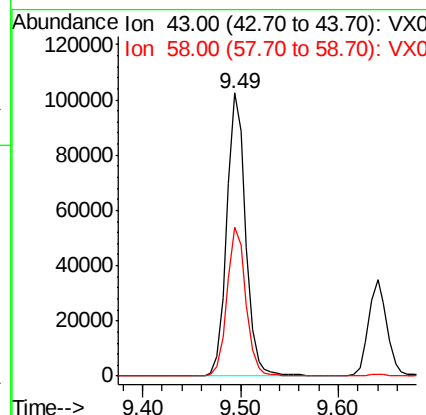
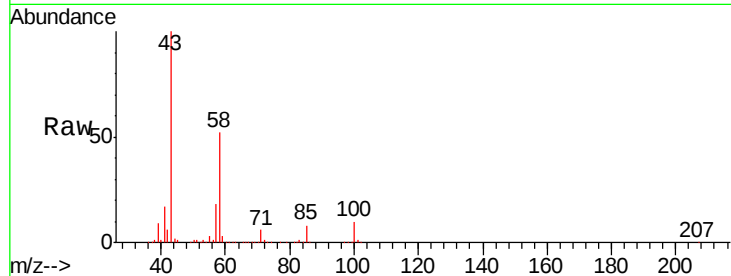
#59
2-Hexanone
Concen: 79.88 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion: 43 Resp: 137240
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.8

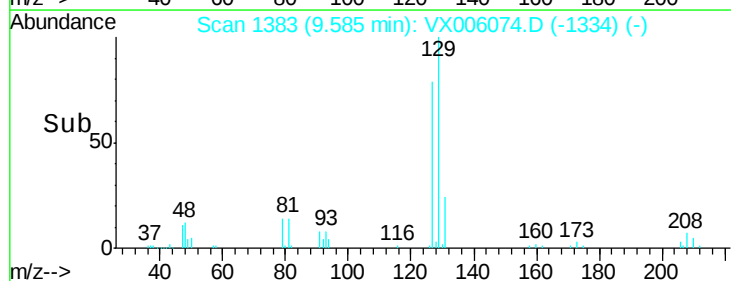
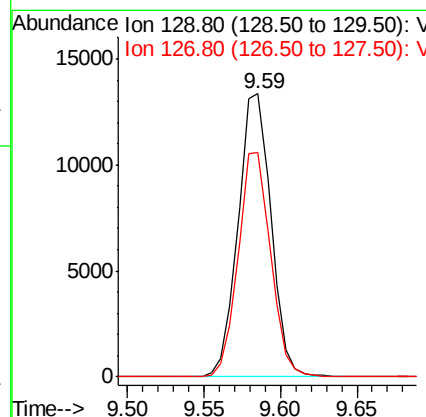
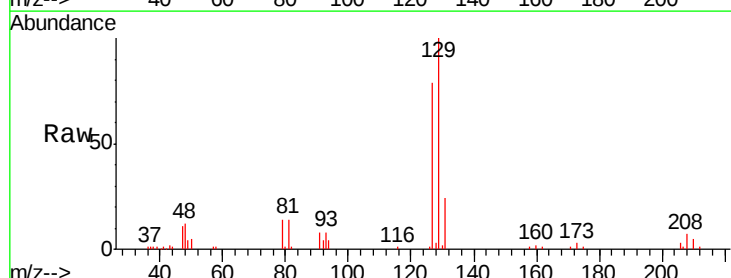
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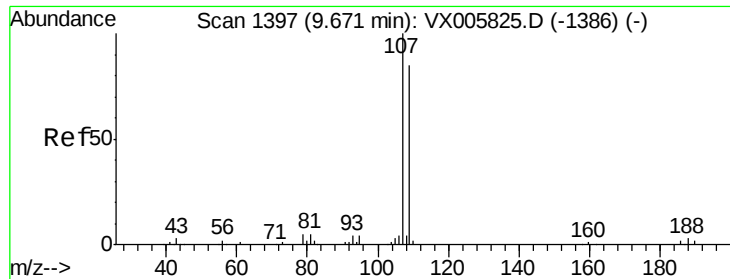
MMDadoda
11/19/2018 9:25:14 AM



#60
Dibromochloromethane
Concen: 15.68 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 129 Resp: 19976
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 15.81 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

Tgt Ion: 107 Resp: 20602

Ion Ratio Lower Upper

107 100

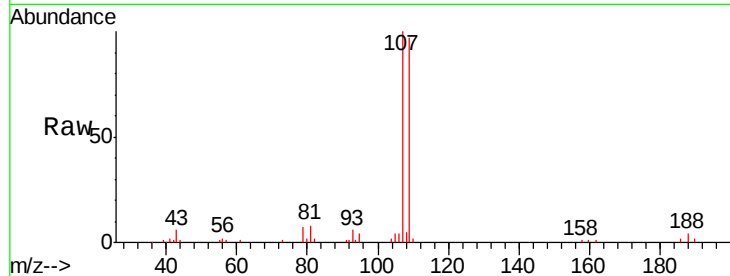
109 94.7 75.7 113.5

Manual Integrations

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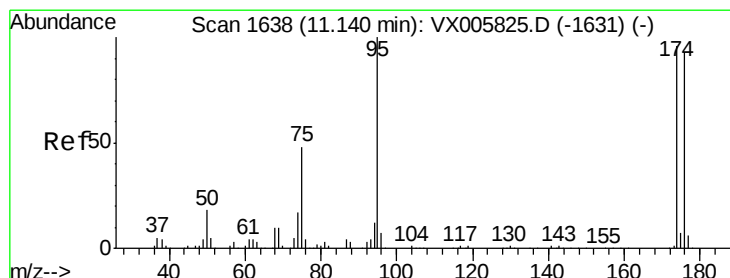
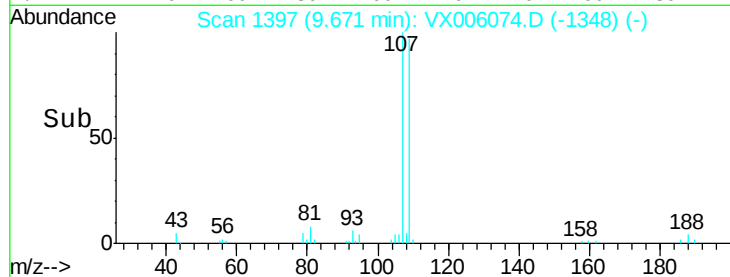
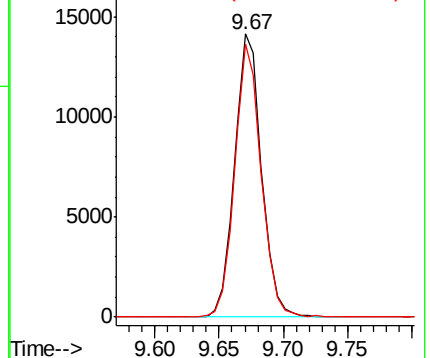
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.69 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

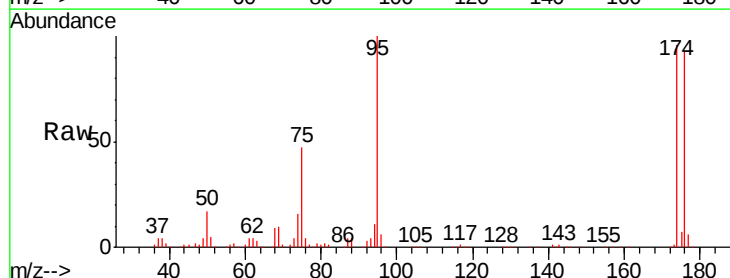
Tgt Ion: 95 Resp: 65269

Ion Ratio Lower Upper

95 100

174 91.1 0.0 184.4

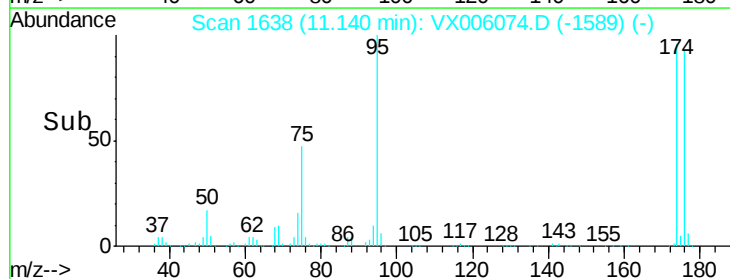
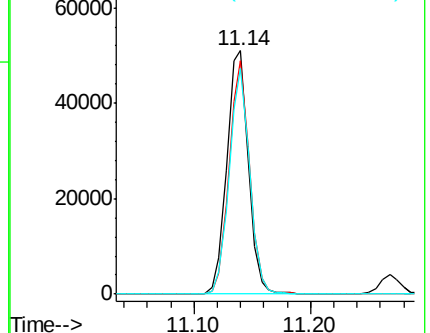
176 88.2 0.0 177.4

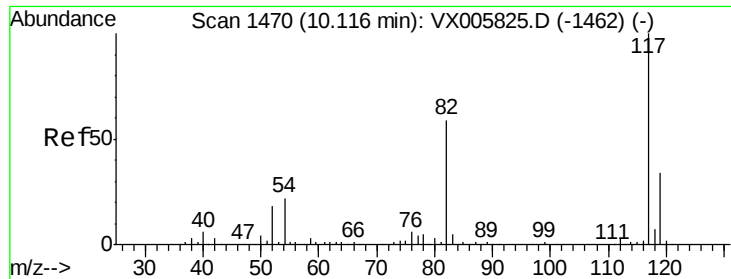


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

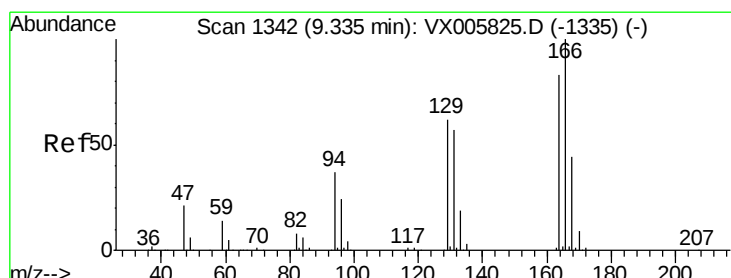
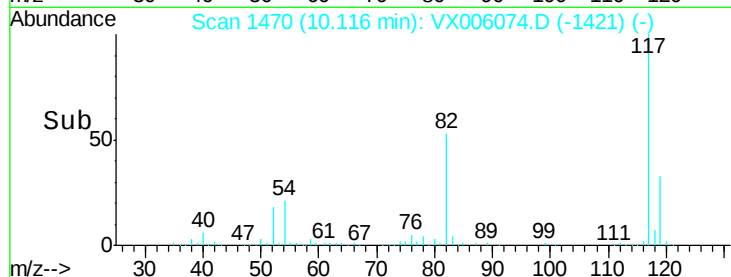
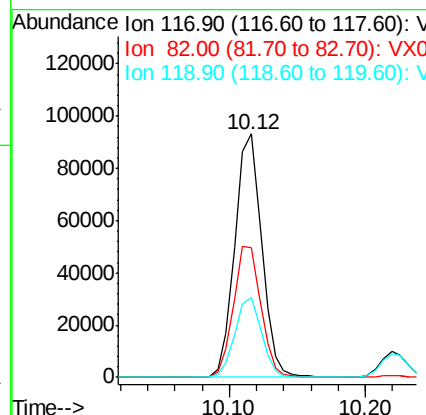
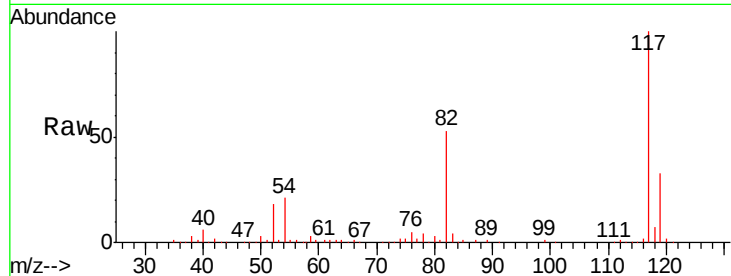
ClientSampleId :

VX1117MBS01

Tgt Ion:	117	Resp:	129126
Ion Ratio	Lower	Upper	
117	100		
82	53.3	44.1	66.1
119	33.0	26.2	39.2

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#64

Tetrachloroethene

Concen: 18.86 ug/l

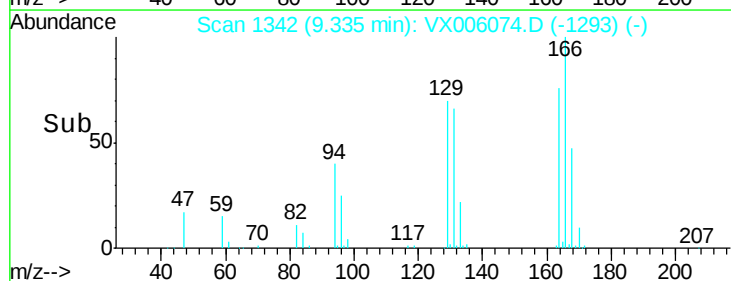
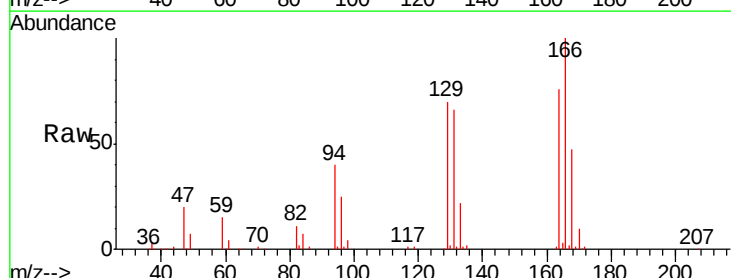
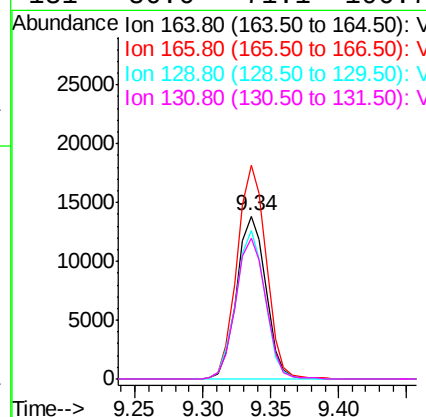
RT: 9.34 min Scan# 1342

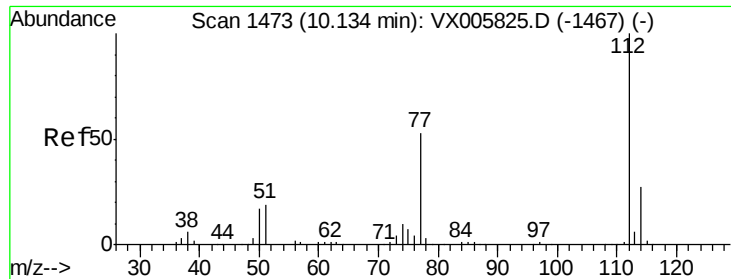
Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Tgt Ion:	164	Resp:	20739
Ion Ratio	Lower	Upper	
164	100		
166	131.3	101.9	152.9
129	91.6	72.6	109.0
131	86.6	71.1	106.7





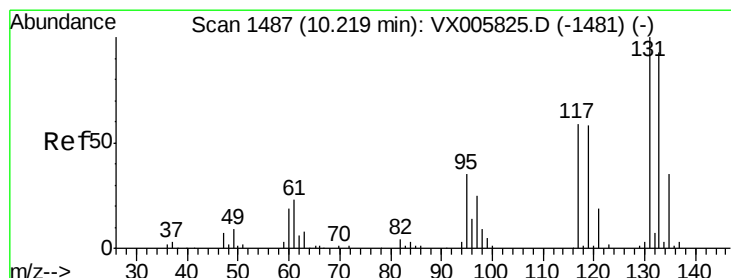
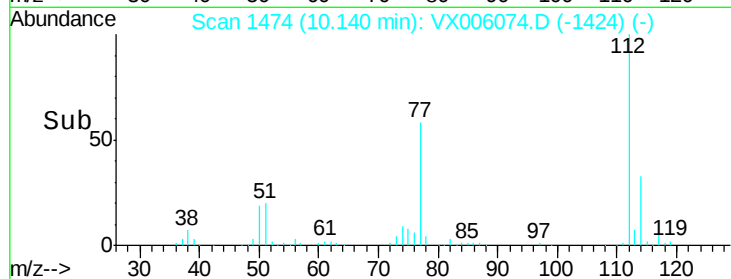
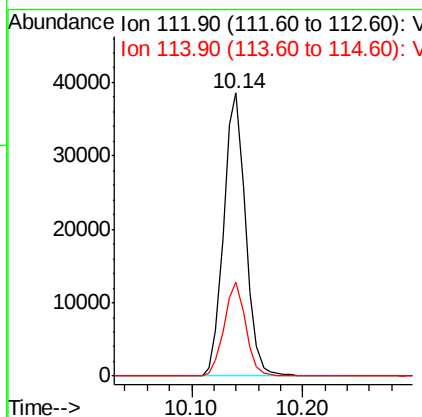
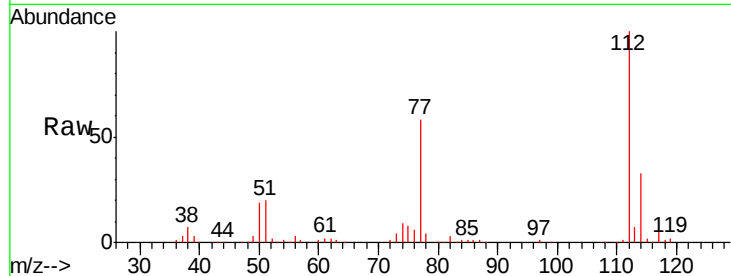
#65
Chlorobenzene
Concen: 20.28 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion:112 Resp: 52463
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6

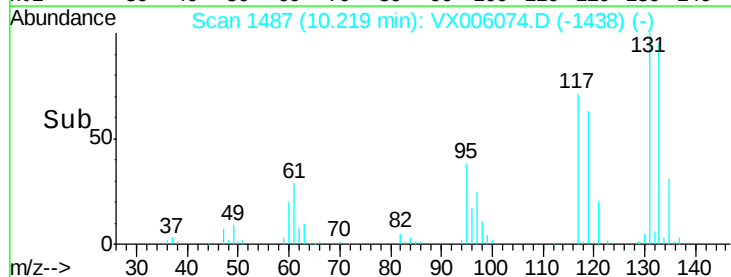
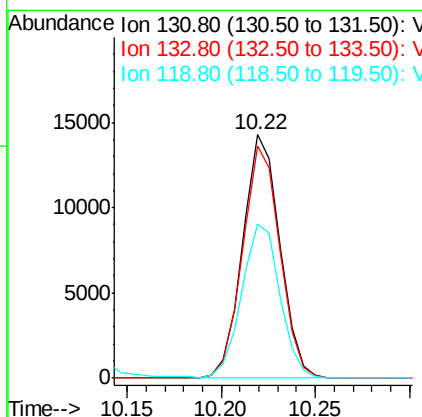
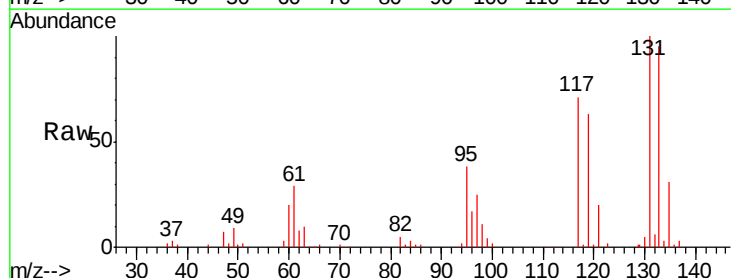
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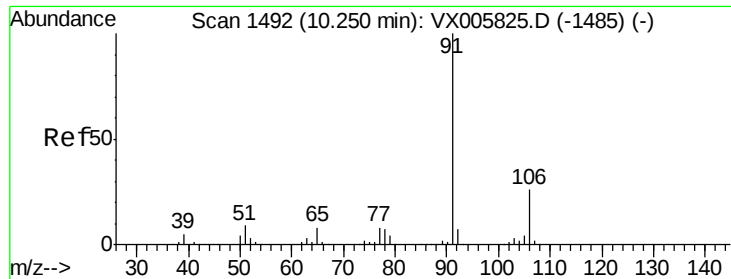
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.67 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion:131 Resp: 19488
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 65.0 31.8 95.3





#67

Ethyl Benzene

Concen: 20.81 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

Tgt Ion: 91 Resp: 86303

Ion Ratio Lower Upper

91 100

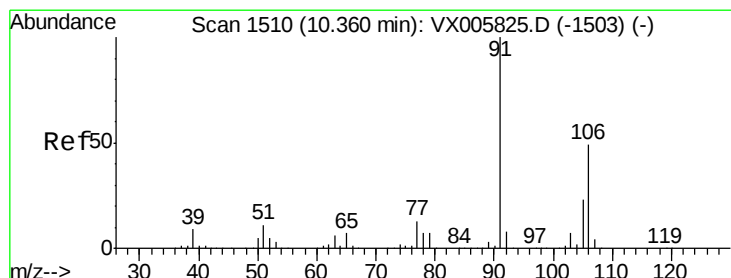
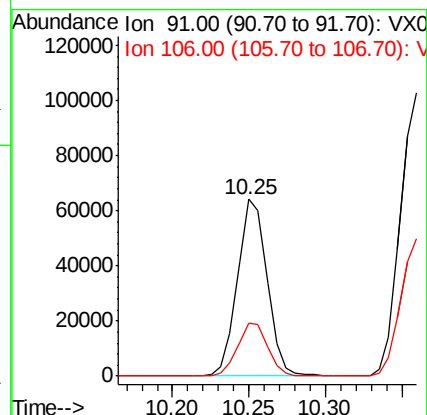
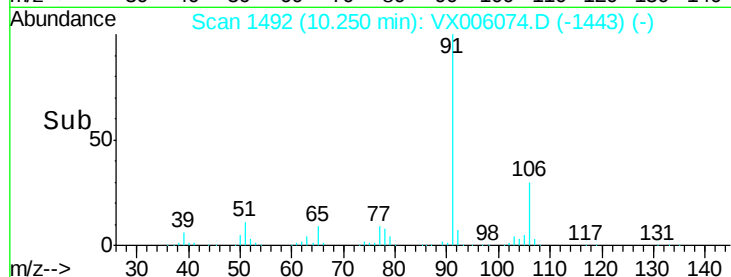
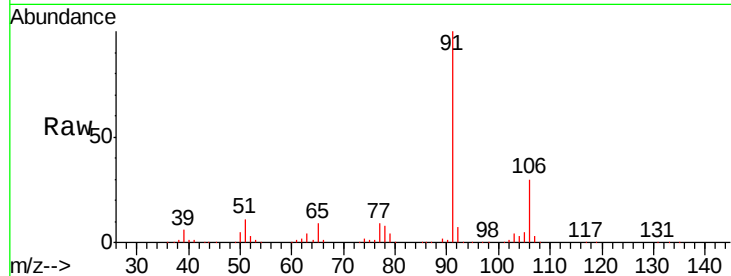
106 29.8 24.4 36.6

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#68

m/p-Xylenes

Concen: 42.32 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006074.D

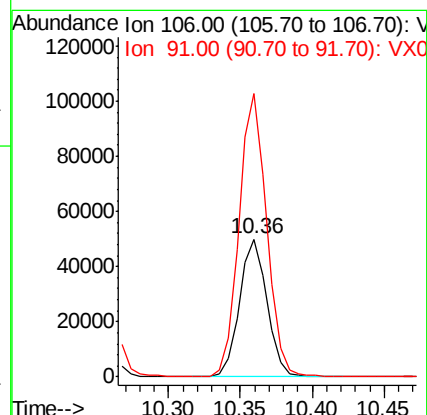
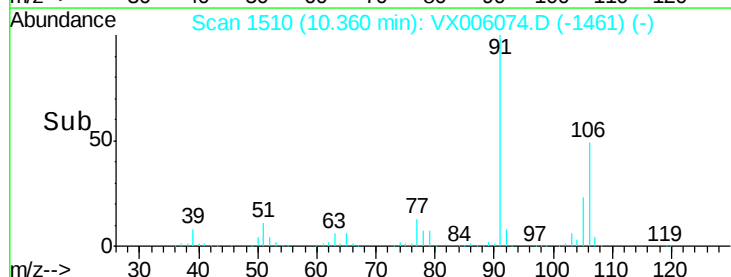
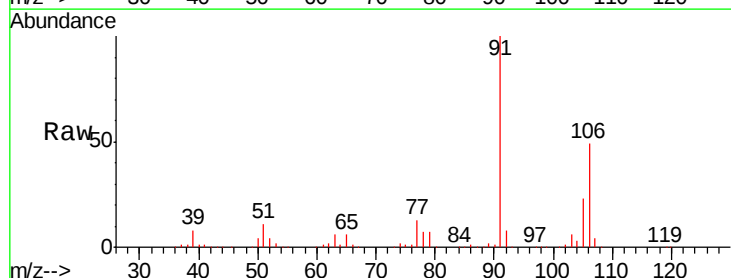
Acq: 17 Nov 2018 17:45

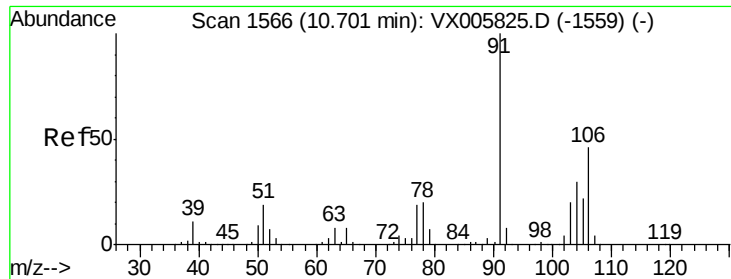
Tgt Ion: 106 Resp: 66953

Ion Ratio Lower Upper

106 100

91 206.4 164.2 246.4





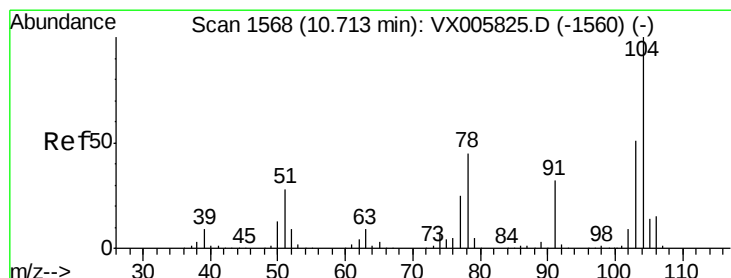
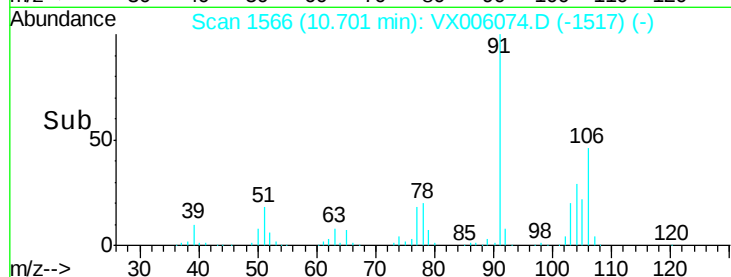
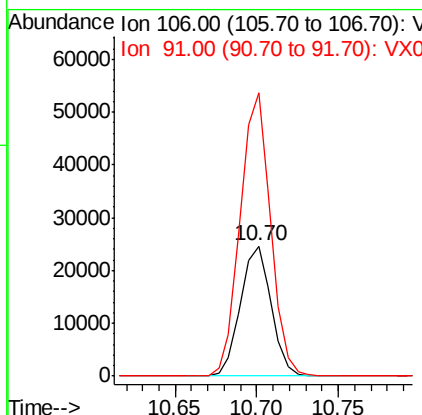
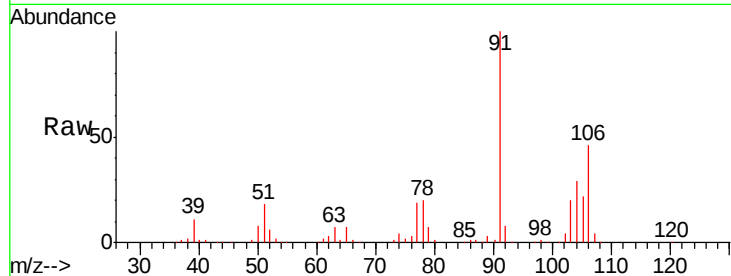
#69
o-Xylene
Concen: 22.86 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion:106 Resp: 32436
Ion Ratio Lower Upper
106 100
91 215.9 108.5 325.5

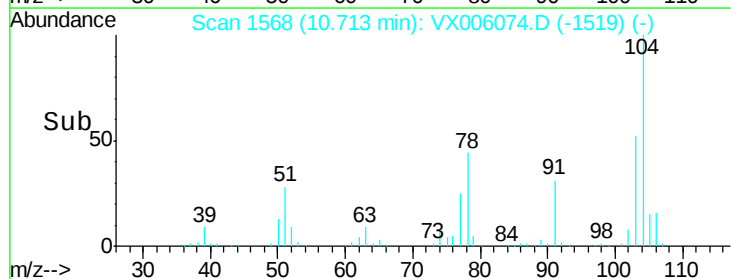
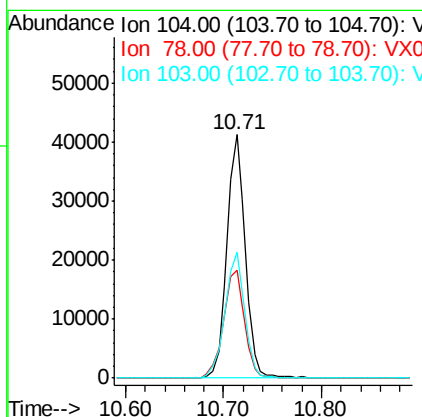
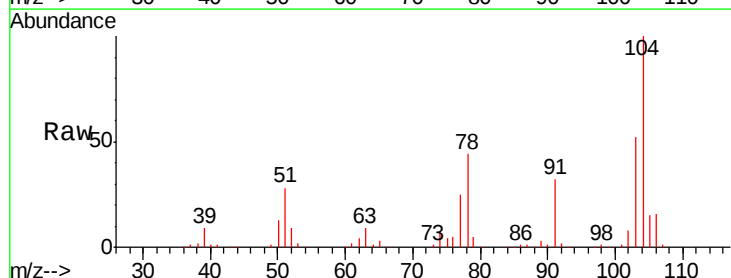
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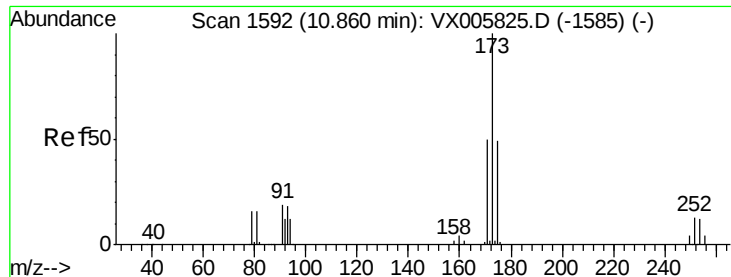
MMDadoda
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#70
Styrene
Concen: 23.06 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion:104 Resp: 53971
Ion Ratio Lower Upper
104 100
78 50.9 40.2 60.4
103 55.5 44.9 67.3





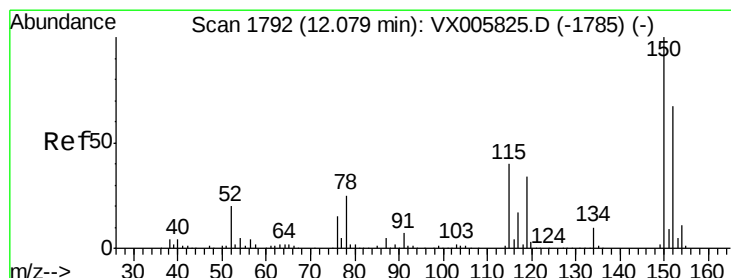
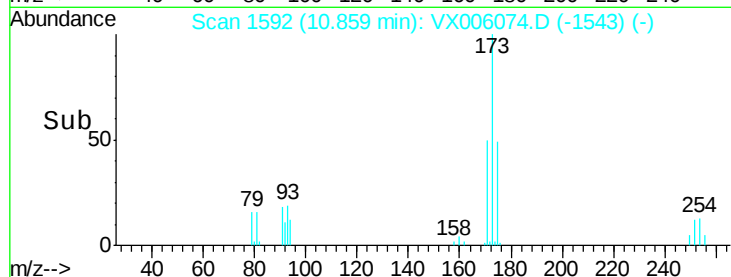
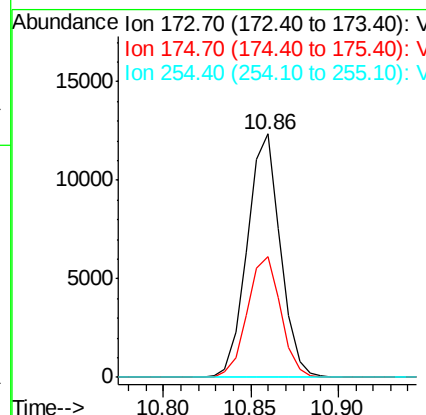
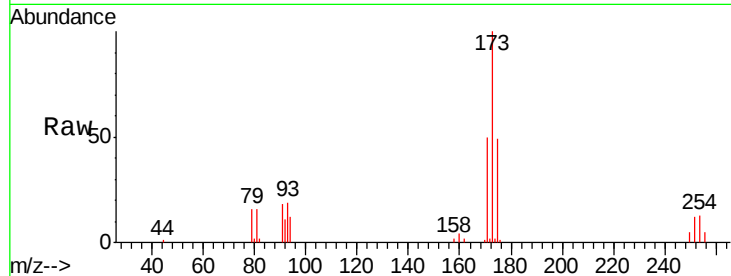
#71
Bromoform
Concen: 21.51 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion:173 Resp: 16214
Ion Ratio Lower Upper
173 100
175 50.1 24.8 74.3
254 0.0 0.2 0.2#

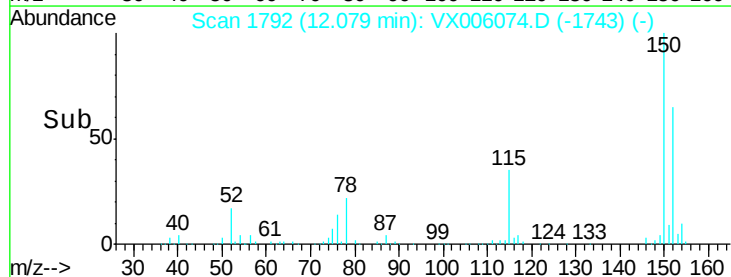
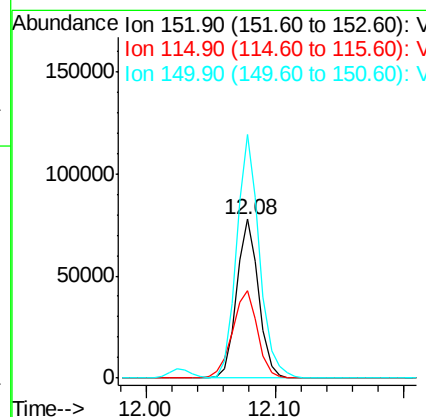
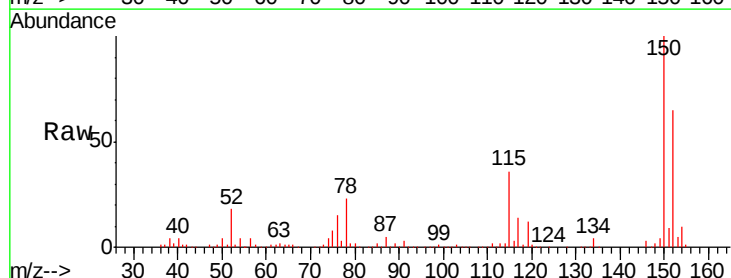
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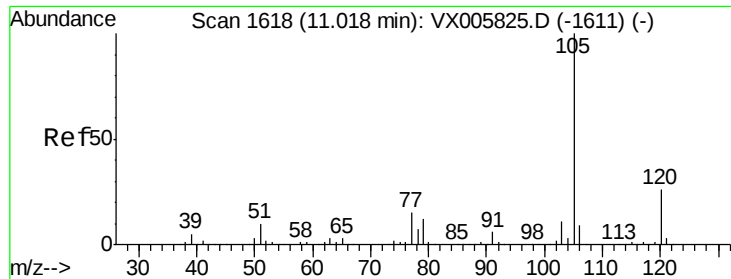
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion:152 Resp: 92622
Ion Ratio Lower Upper
152 100
115 63.2 39.4 118.1
150 159.3 0.0 346.4





#73

Isopropylbenzene

Concen: 16.78 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

Tgt Ion: 105 Resp: 89900

Ion Ratio Lower Upper

105 100

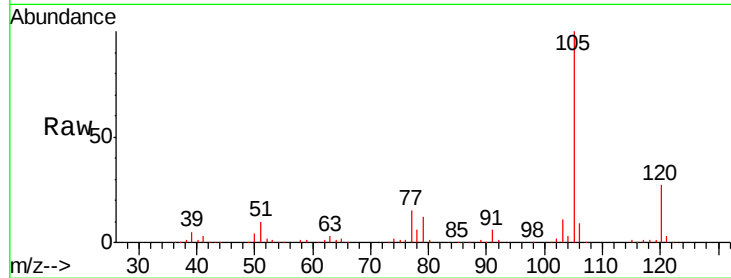
120 26.7 13.1 39.3

Manual Integrations

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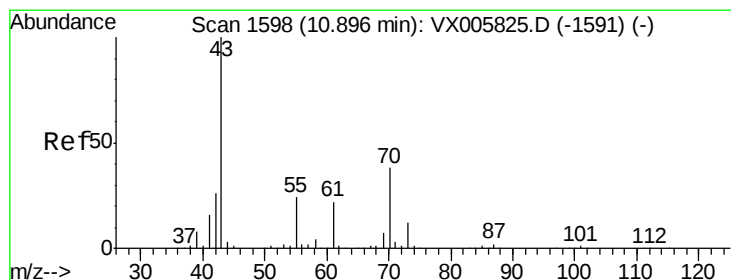
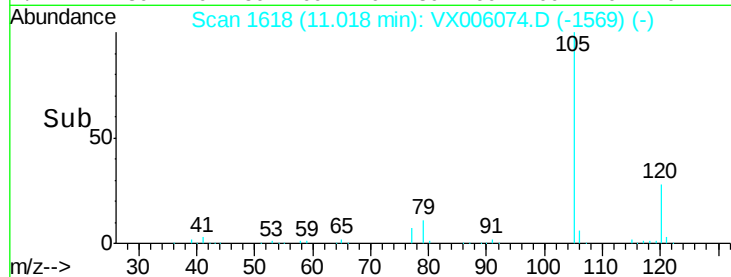
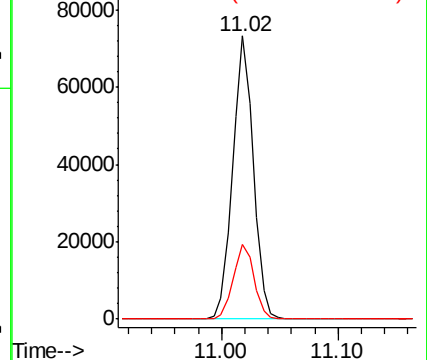
MMDadoda

11/19/2018 9:25:14 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.18 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Tgt Ion: 43 Resp: 42940

Ion Ratio Lower Upper

43 100

70 39.8 31.6 47.4

55 25.9 19.7 29.5

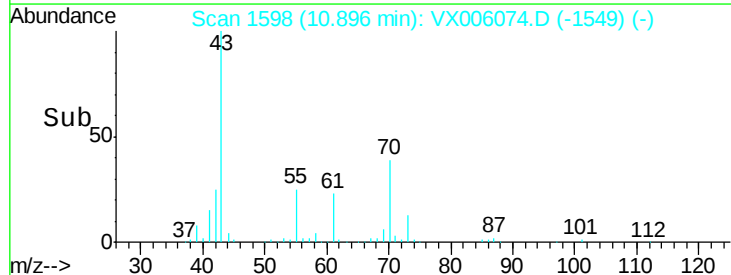
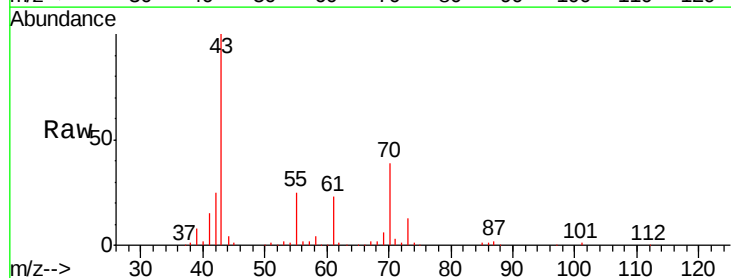
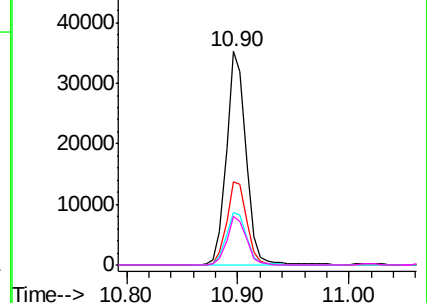
61 22.5 18.3 27.5

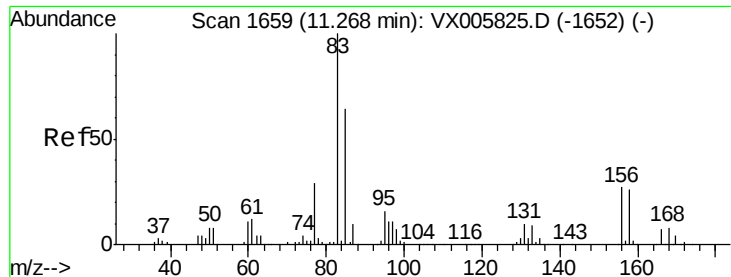
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.36 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

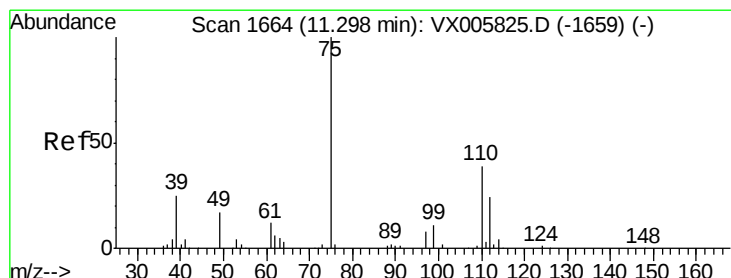
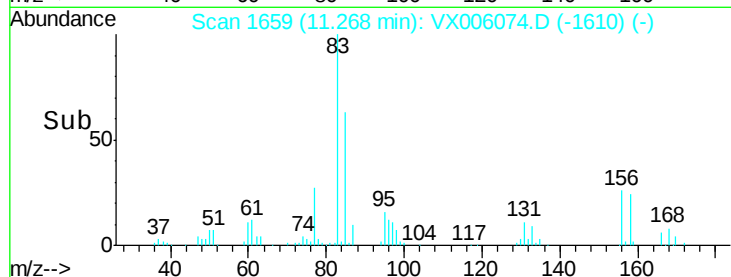
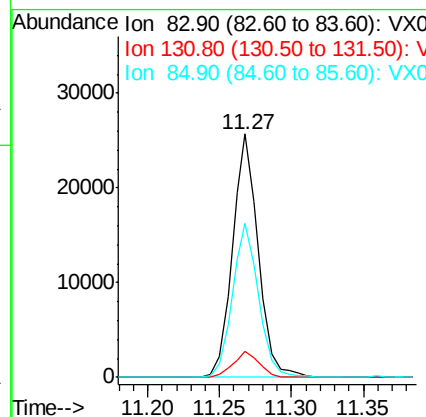
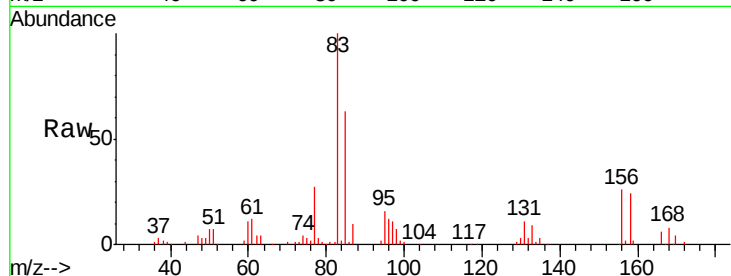
ClientSampleId :

VX1117MBS01

Tgt Ion:	83	Resp:	32169
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.3	15.9
85	64.6	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.79 ug/l m

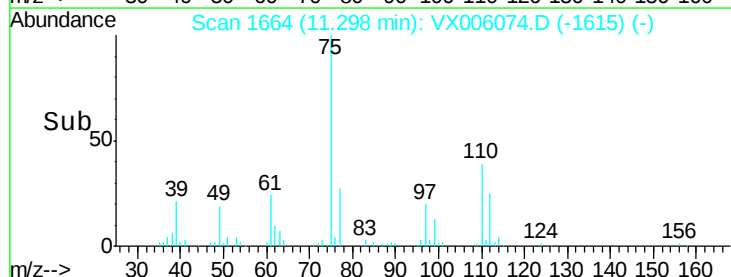
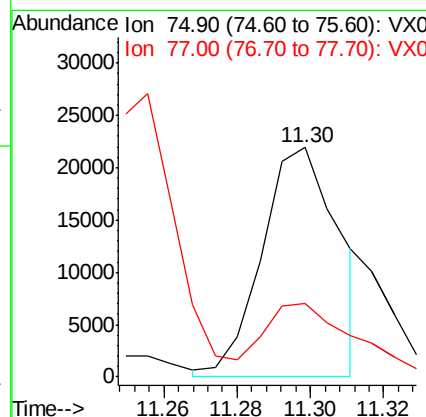
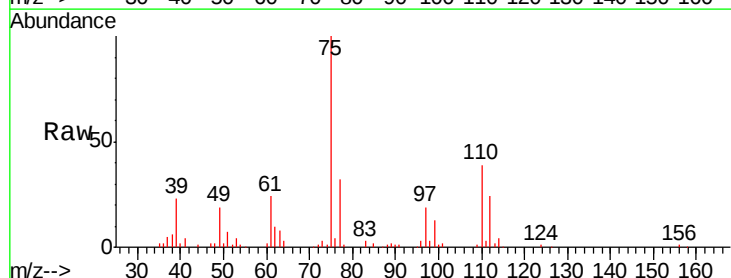
RT: 11.30 min Scan# 1664

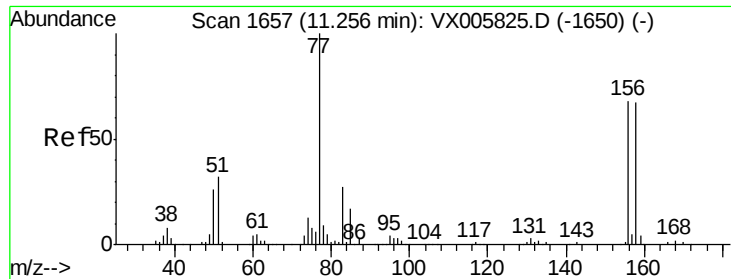
Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Tgt Ion:	75	Resp:	31665
Ion	Ratio	Lower	Upper
75	100		
77	38.0	20.5	61.6





#77

Bromobenzene

Concen: 16.22 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

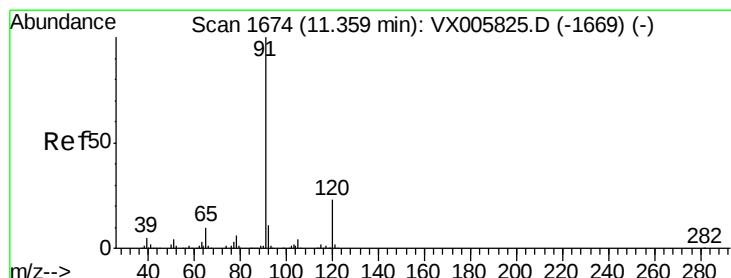
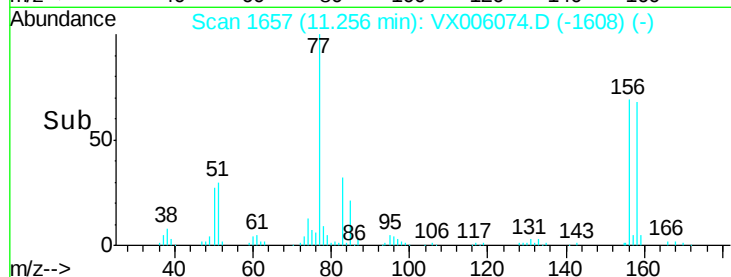
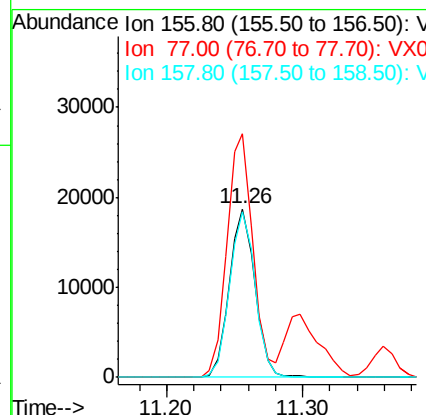
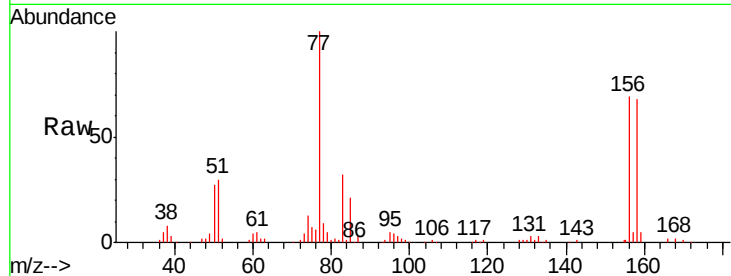
ClientSampleId :

VX1117MBS01

Tgt Ion:	156	Resp:	24485
Ion Ratio	Lower	Upper	
156	100		
77	146.5	74.8	224.4
158	98.1	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 16.26 ug/l

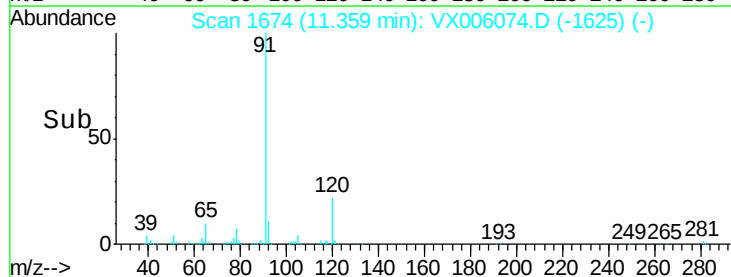
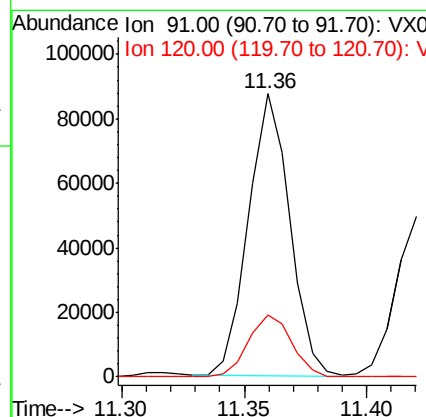
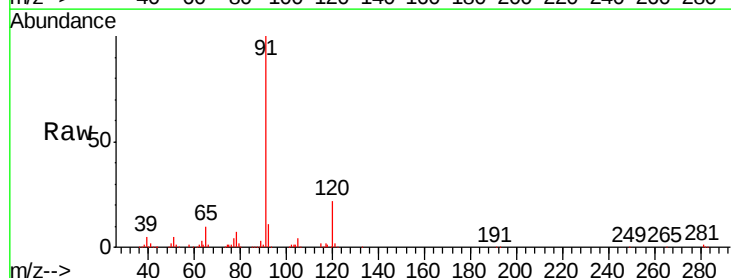
RT: 11.36 min Scan# 1674

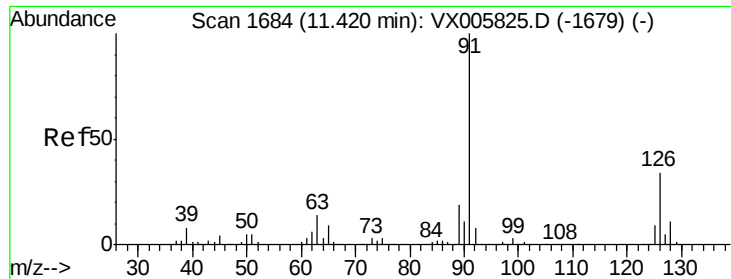
Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Tgt Ion:	91	Resp:	102635
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.9	35.5





#79

2-Chlorotoluene

Concen: 16.07 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBS01

Tgt Ion: 91 Resp: 61314

Ion Ratio Lower Upper

91 100

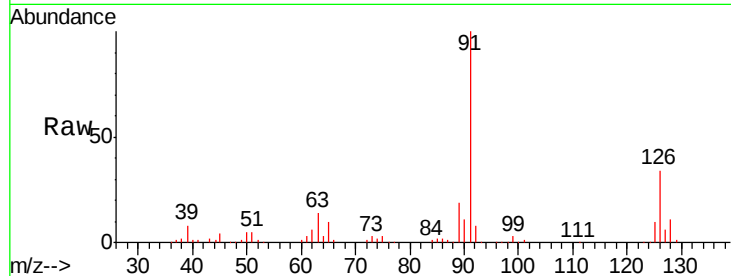
126 35.0 17.3 52.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006074.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX006074.D (-1635) (-)

100000

80000

60000

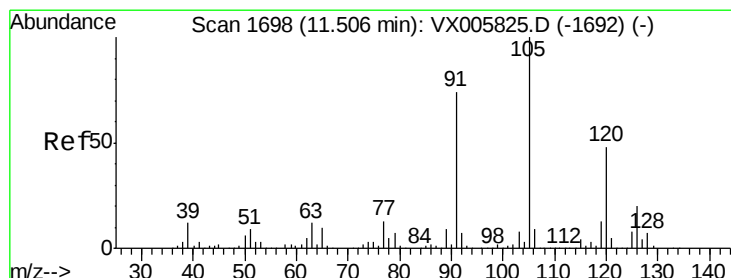
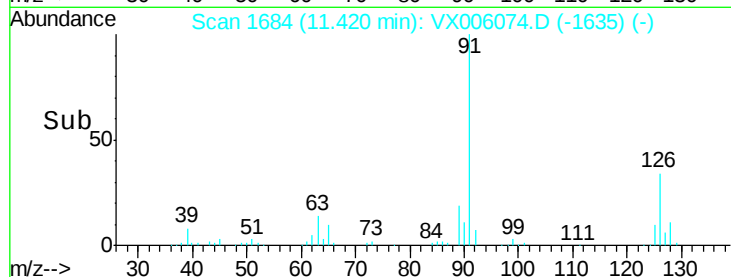
40000

20000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.37 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006074.D

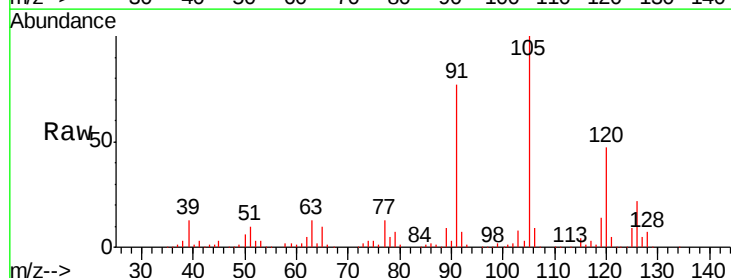
Acq: 17 Nov 2018 17:45

Tgt Ion: 105 Resp: 79085

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX006074.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX006074.D (-1649) (-)

60000

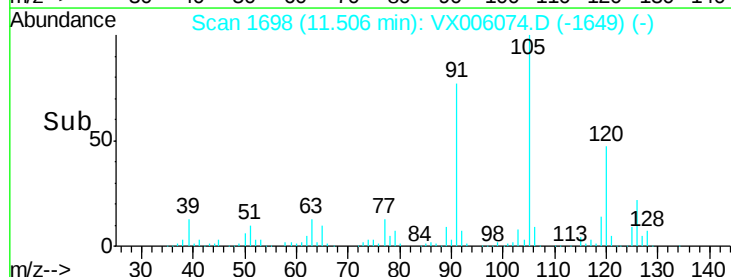
40000

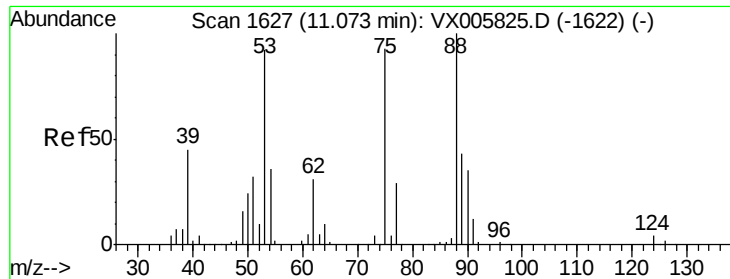
20000

0

11.45 11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 15.54 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

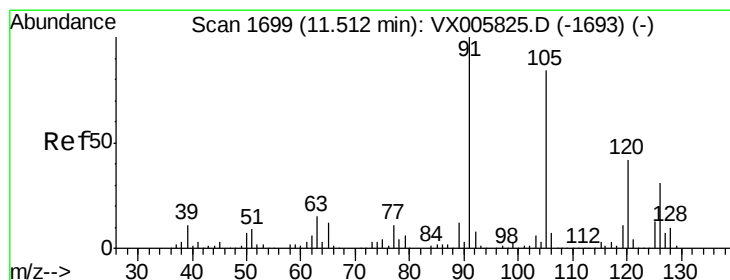
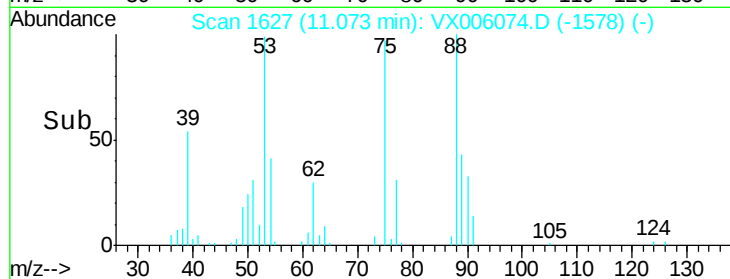
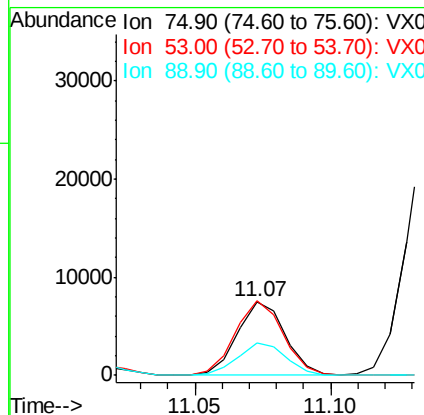
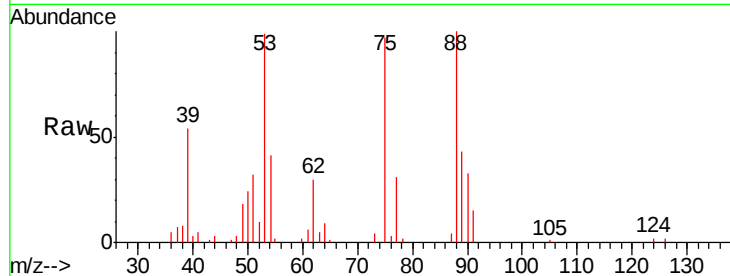
ClientSampleId :

VX1117MBS01

Tgt Ion:	75	Resp:	9195
Ion Ratio	Lower	Upper	
75	100		
53	101.5	80.2	120.2
89	44.0	39.8	59.8

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#82

4-Chlorotoluene

Concen: 16.59 ug/l

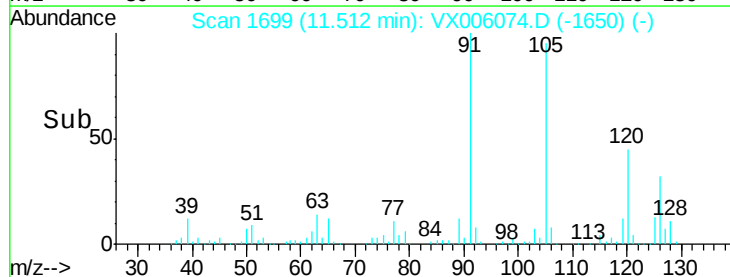
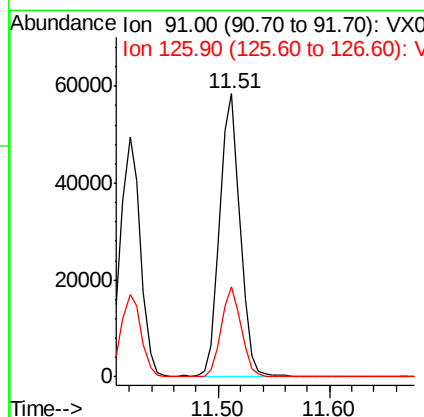
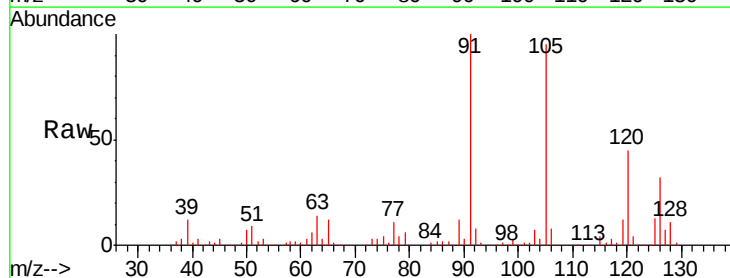
RT: 11.51 min Scan# 1699

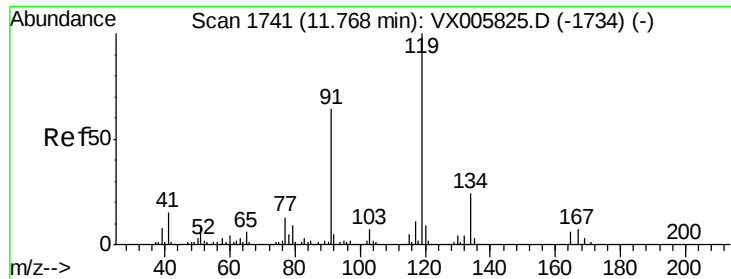
Delta R.T. -0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Tgt Ion:	91	Resp:	74617
Ion Ratio	Lower	Upper	
91	100		
126	31.0	15.2	45.6





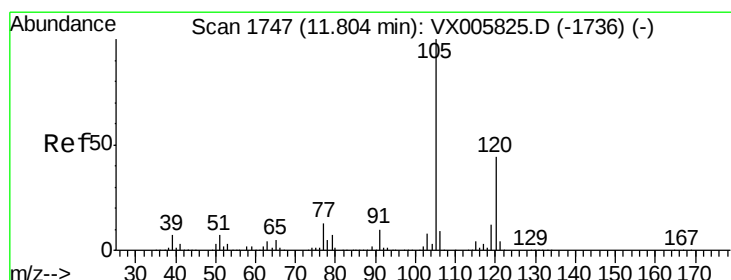
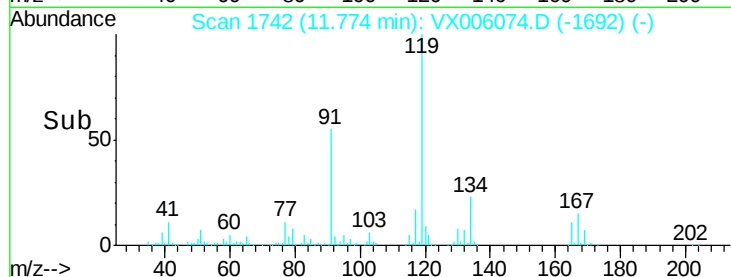
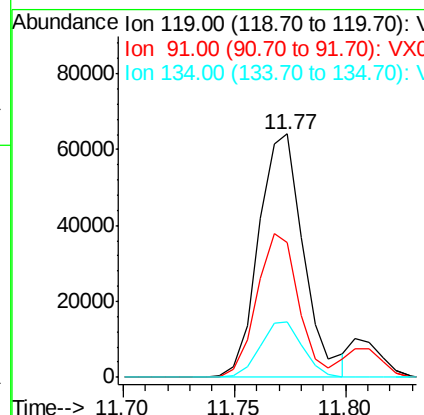
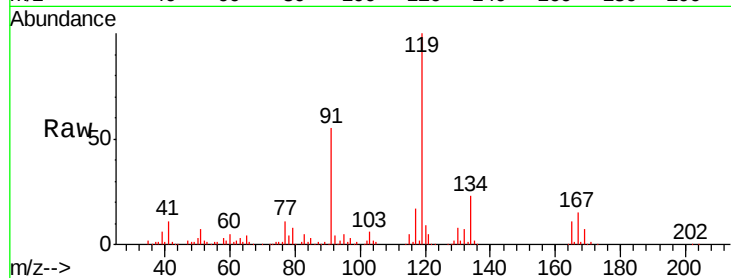
#83
 tert-Butylbenzene
 Concen: 19.56 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	90093		
91	55.1	28.5	85.5	
134	21.7	11.3	33.8	

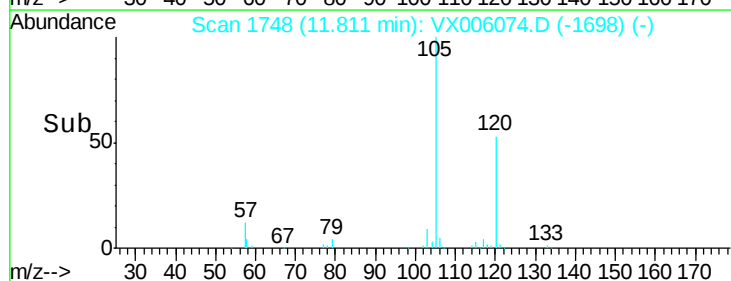
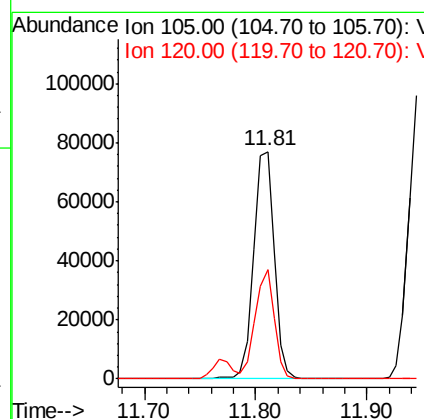
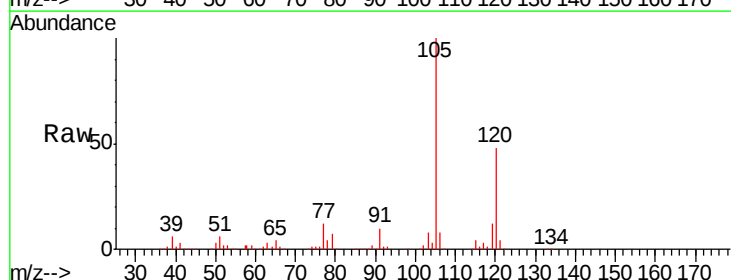
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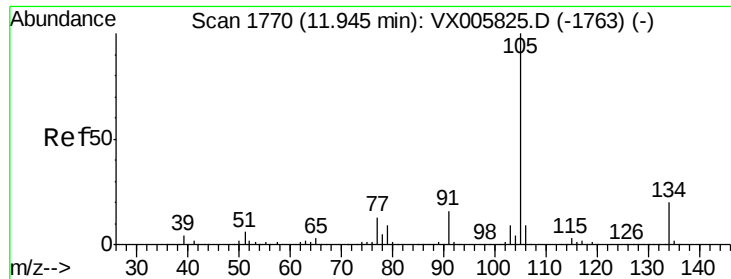
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.72 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	99401		
120	44.3	22.4	67.0	





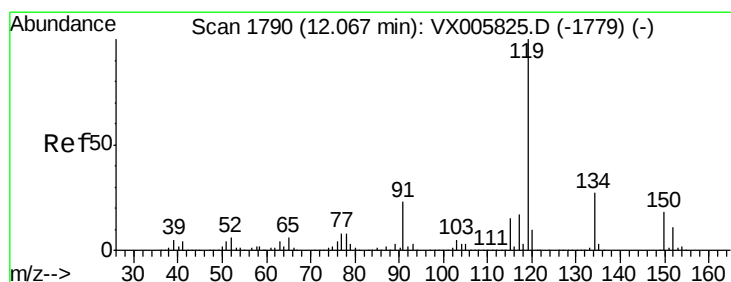
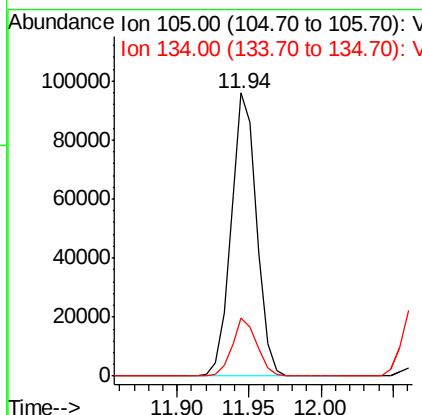
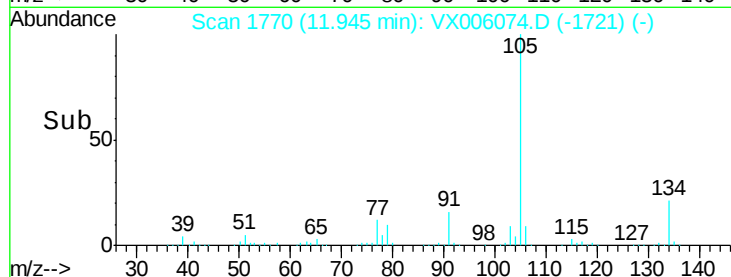
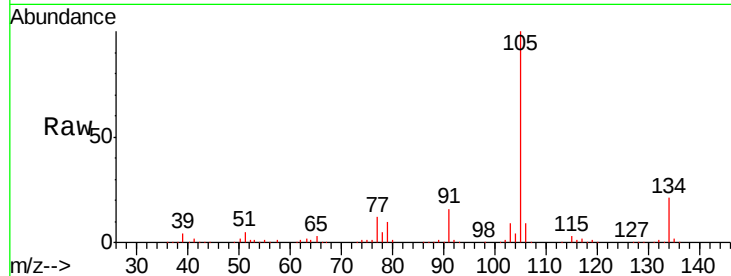
#85
 sec-Butylbenzene
 Concen: 21.09 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Tgt Ion:105 Resp: 118749
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4

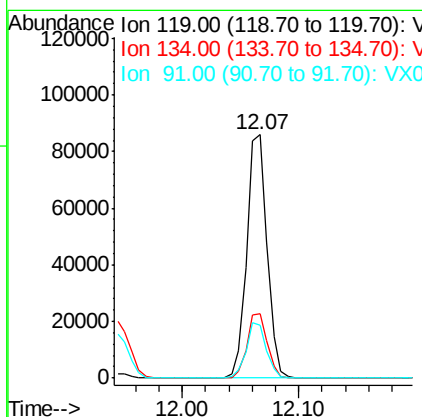
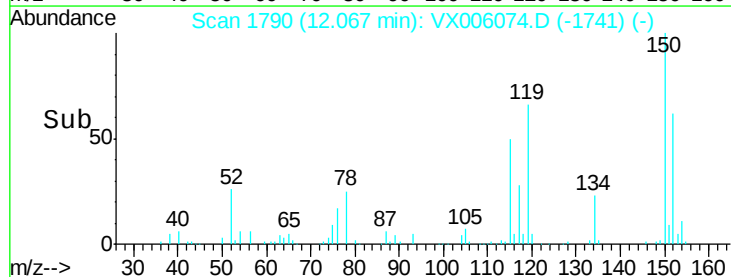
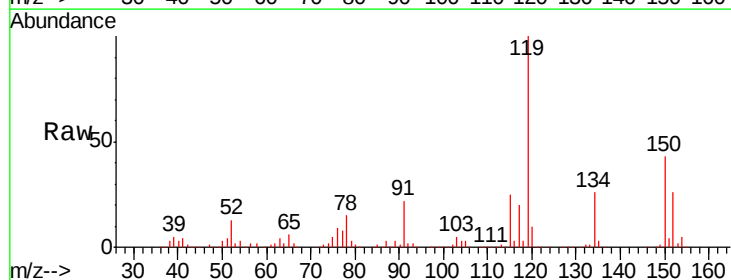
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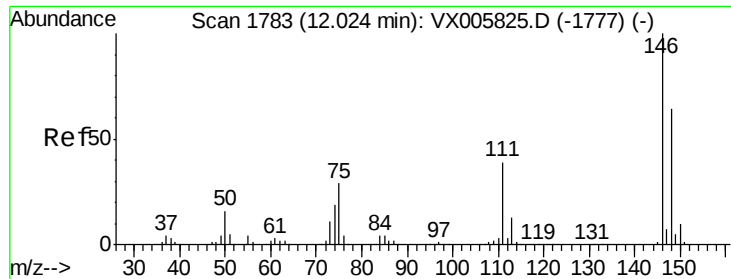
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 11/19/2018 9:25:14 AM



#86
 p-Isopropyltoluene
 Concen: 21.07 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion:119 Resp: 105107
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 22.5 11.4 34.2





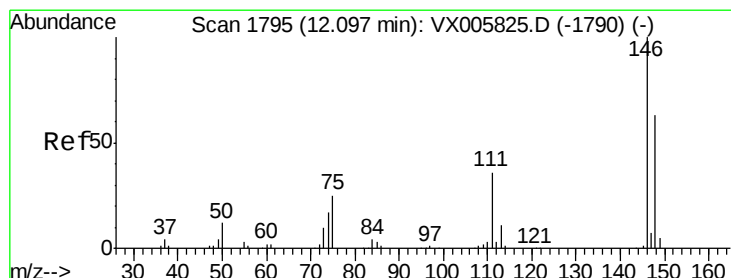
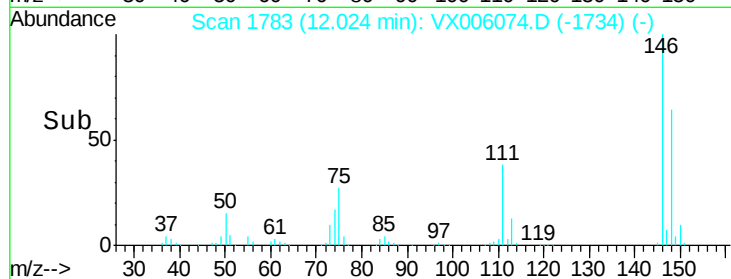
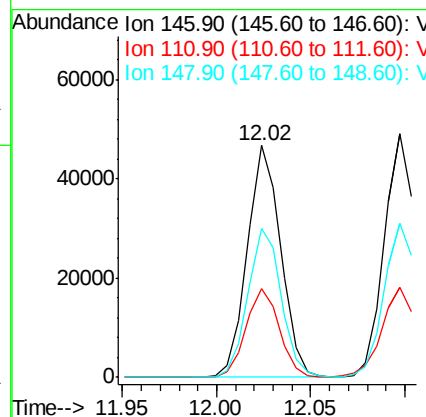
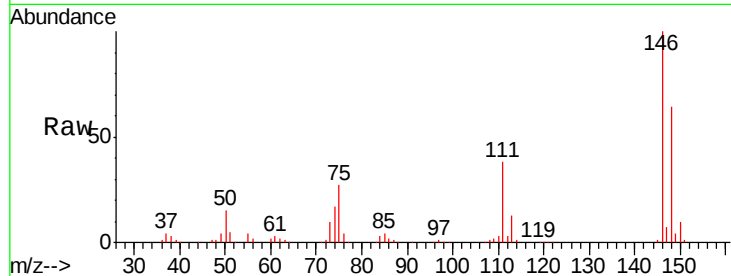
#87
 1,3-Dichlorobenzene
 Concen: 19.90 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	64.1	31.9	95.9

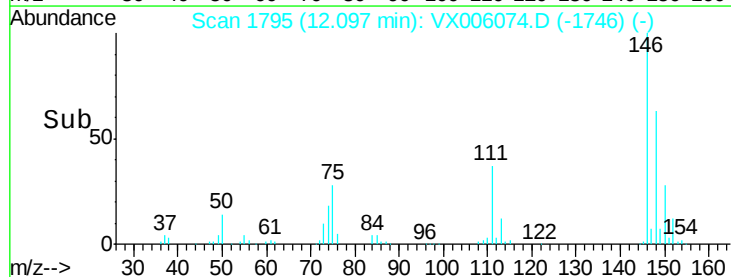
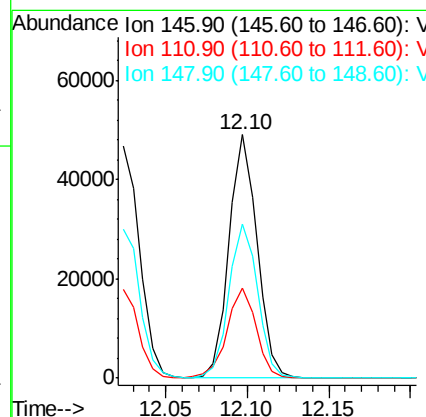
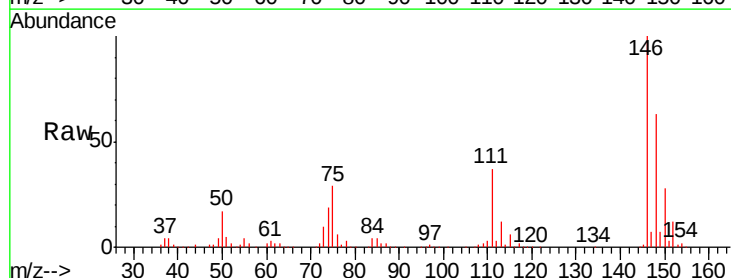
Manual Integrations
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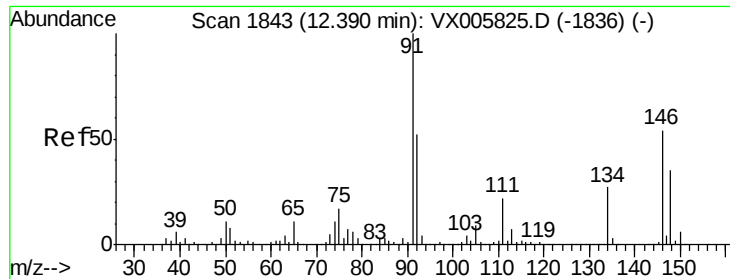
MMDadoda
 11/19/2018 9:25:14 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.6	55.8
148	64.7	32.1	96.3





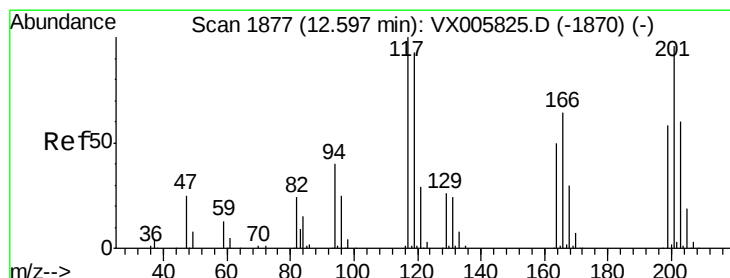
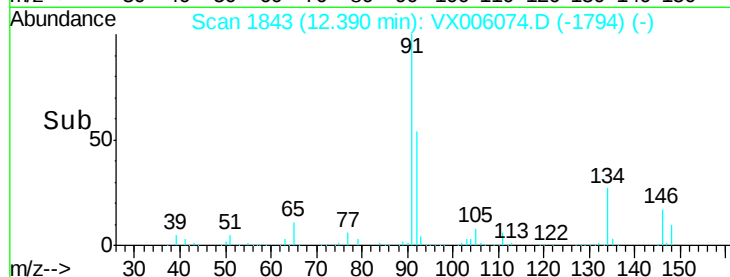
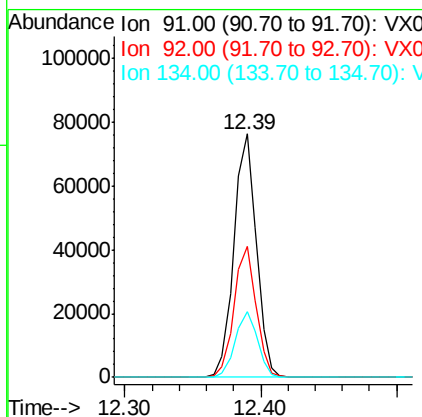
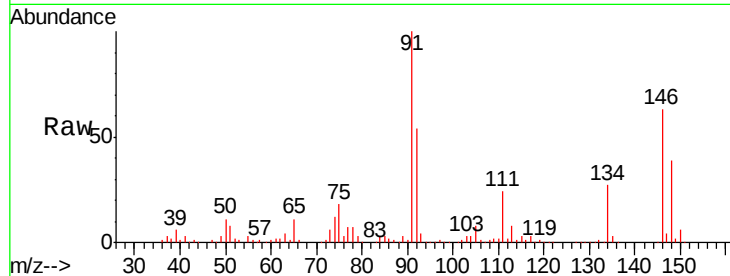
#89
n-Butylbenzene
Concen: 18.98 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion: 91 Resp: 87718
Ion Ratio Lower Upper
91 100
92 52.9 26.1 78.2
134 26.7 13.1 39.3

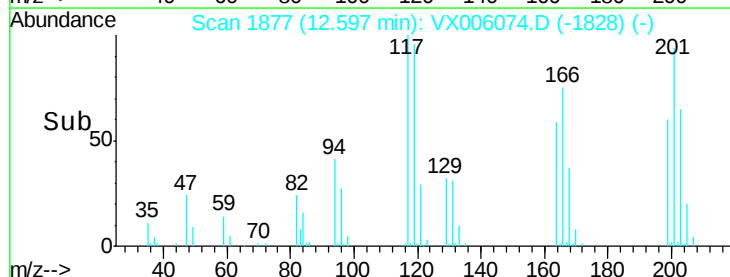
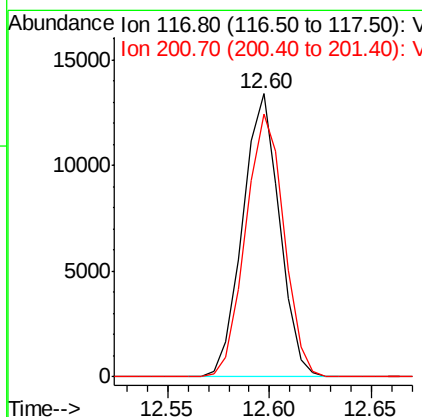
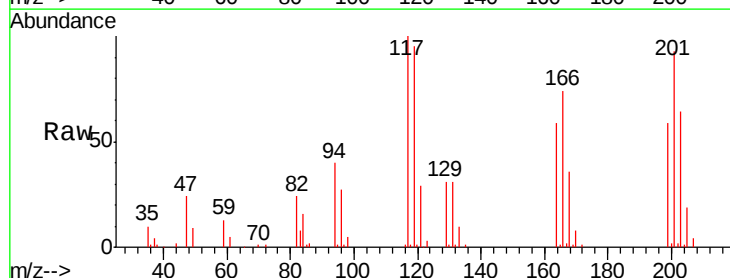
Manual Integrations
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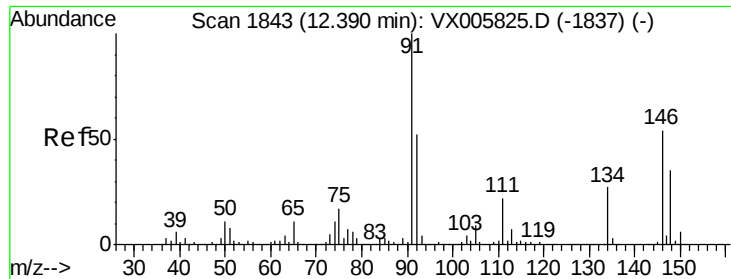
MMDadoda
11/19/2018 9:25:14 AM



#90
Hexachloroethane
Concen: 20.19 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion: 117 Resp: 16814
Ion Ratio Lower Upper
117 100
201 96.5 47.9 143.6





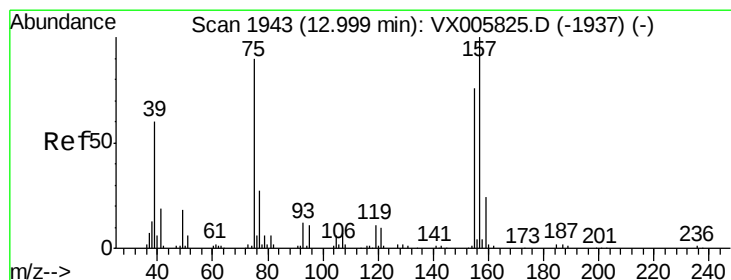
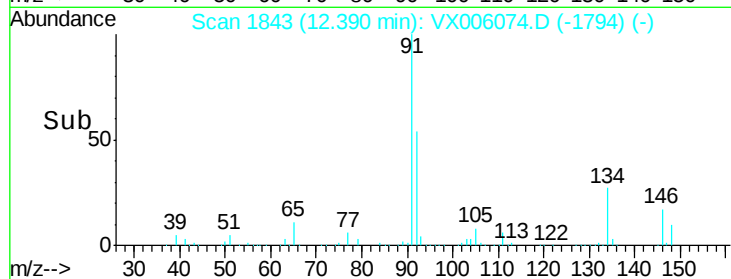
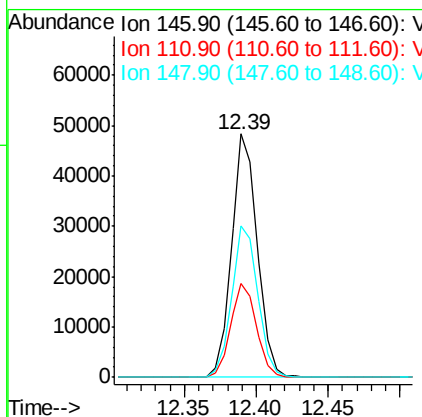
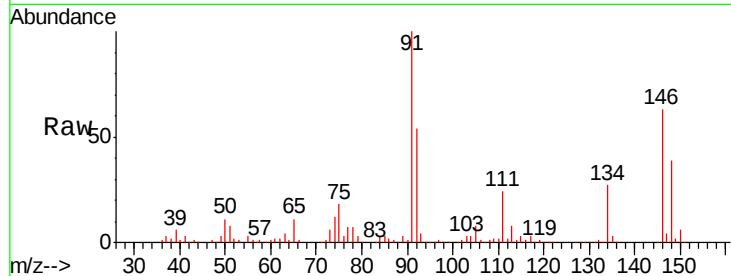
#91
1,2-Dichlorobenzene
Concen: 20.82 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.0	59.9
148	63.3	32.2	96.6

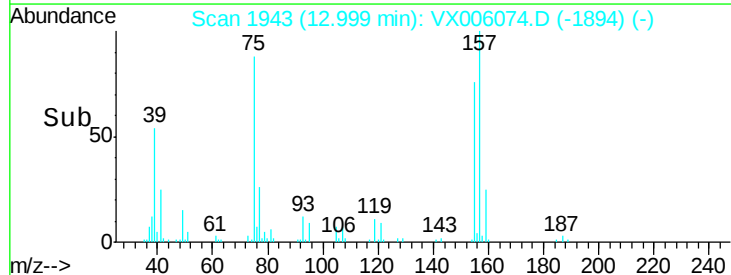
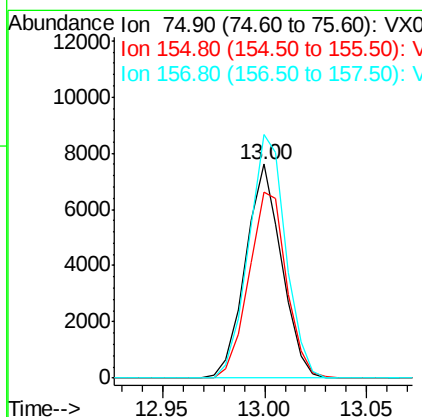
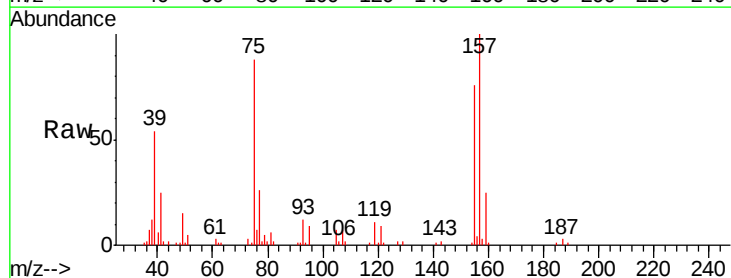
Manual Integrations
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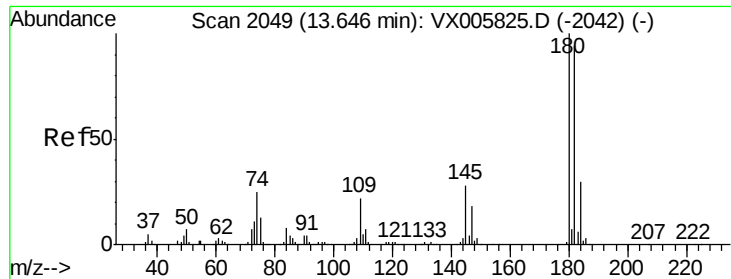
MMDadoda
11/19/2018 9:25:14 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.47 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX006074.D
Acq: 17 Nov 2018 17:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.1	45.4	136.1
157	117.6	57.4	172.0





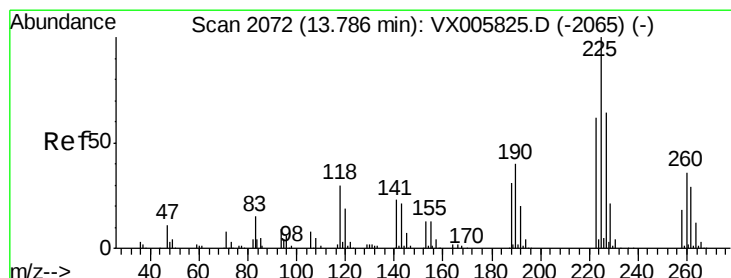
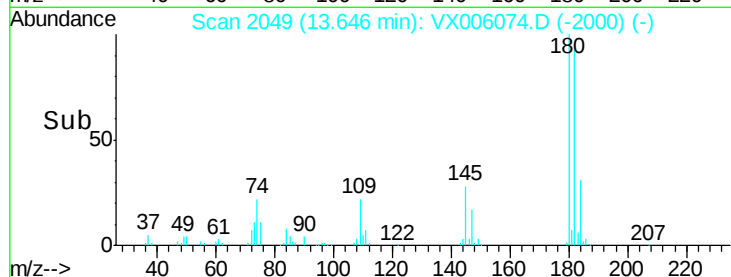
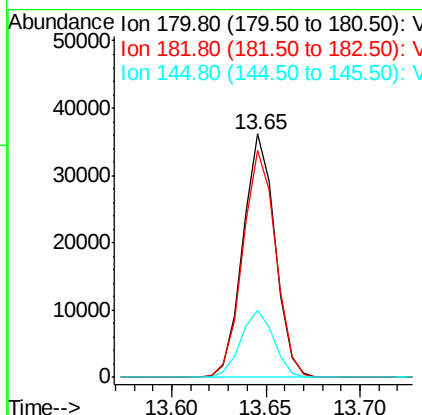
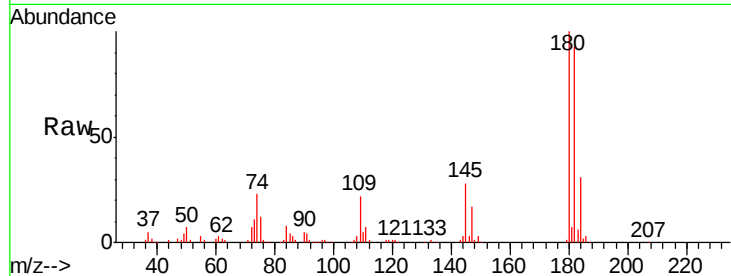
#93
 1,2,4-Trichlorobenzene
 Concen: 20.92 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	42737		
182	95.9	47.6	142.8	
145	28.2	14.1	42.2	

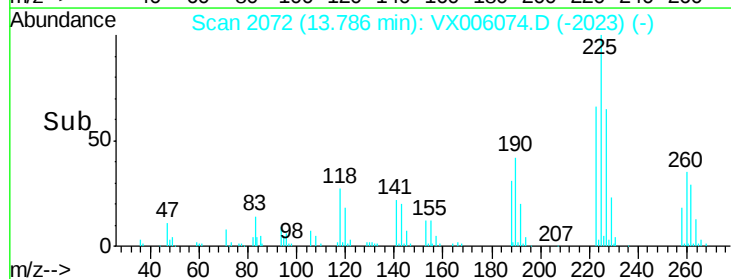
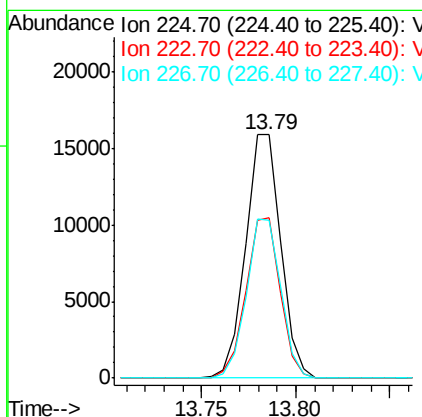
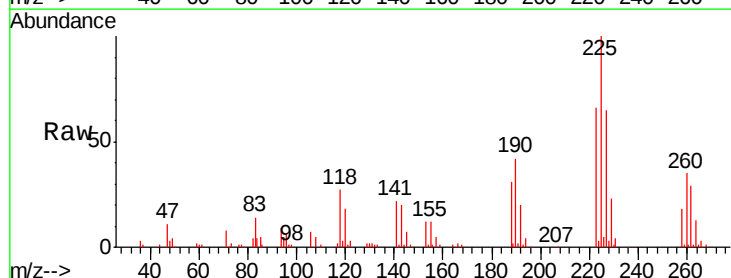
Manual Integrations
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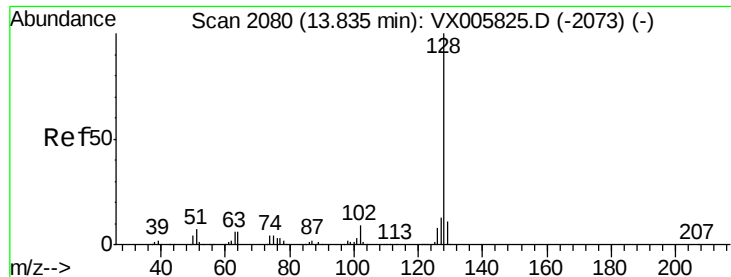
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 11/19/2018 9:25:14 AM



#94
 Hexachlorobutadiene
 Concen: 19.18 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006074.D
 Acq: 17 Nov 2018 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20591		
223	63.8	31.7	95.1	
227	63.6	32.3	96.9	





#95

Naphthalene

Concen: 20.36 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Instrument :

MSVOA_X

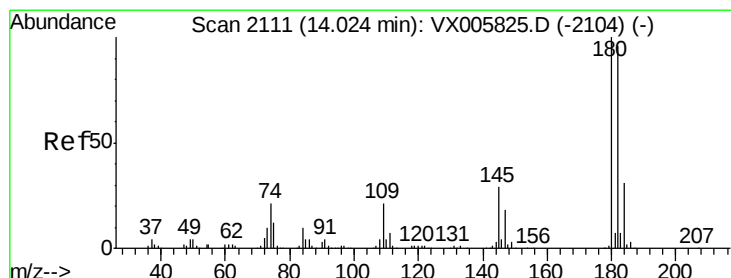
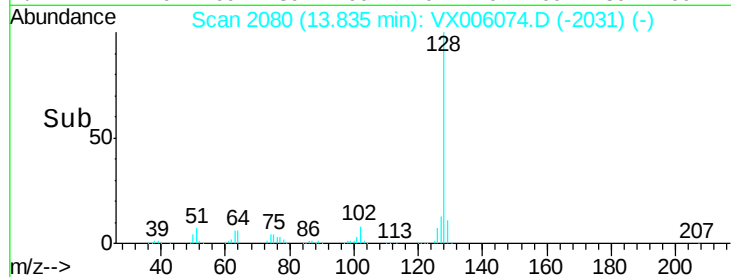
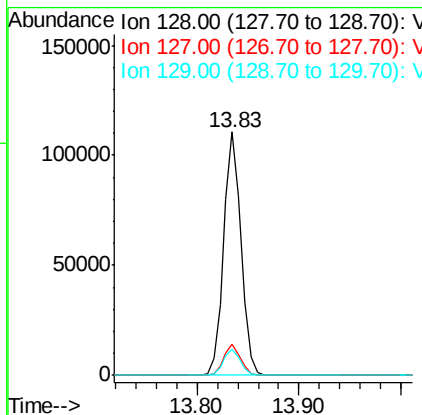
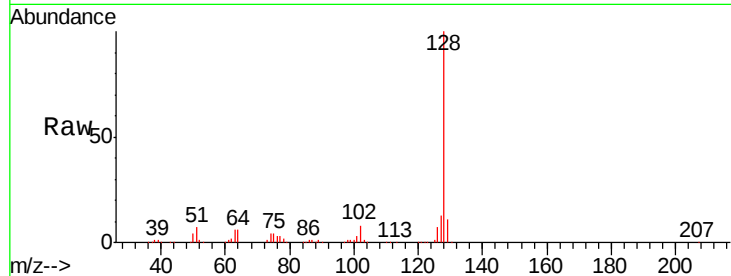
ClientSampleId :

VX1117MBS01

Tgt Ion:	128	Resp:	130923
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.4	15.6
129	10.5	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 21.24 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006074.D

Acq: 17 Nov 2018 17:45

Tgt Ion:	180	Resp:	44205
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.0	144.2
145	29.6	15.1	45.3

