

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111518\
 Data File : VX006019.D
 Acq On : 15 Nov 2018 14:54
 Operator : JC/MD
 Sample : VX1115MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 10:41:04 AM

Quant Time: Nov 15 17:03:55 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	5.66	168	136419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	202494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	171213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	93296	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	66944	42.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.38%	
35) Dibromofluoromethane	5.50	113	56311	40.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.78%	
50) Toluene-d8	8.71	98	210749	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	11.13	95	78119	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	21044	17.11	ug/l	96
3) Chloromethane	1.32	50	26535	16.44	ug/l	97
4) Vinyl Chloride	1.40	62	27608	17.04	ug/l	96
5) Bromomethane	1.64	94	15670	15.80	ug/l	98
6) Chloroethane	1.72	64	16369	16.93	ug/l	97
7) Trichlorofluoromethane	1.93	101	38132	17.73	ug/l	99
8) Diethyl Ether	2.19	74	15687	18.61	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	23399	18.91	ug/l	97
10) Methyl Iodide	2.51	142	25166	16.78	ug/l	95
11) Tert butyl alcohol	3.06	59	38962	86.72	ug/l	98
12) 1,1-Dichloroethene	2.37	96	20796	17.25	ug/l	95
13) Acrolein	2.29	56	24401	124.34	ug/l	99
14) Allyl chloride	2.73	41	47715	17.72	ug/l	99
15) Acrylonitrile	3.15	53	88429	94.98	ug/l	98
16) Acetone	2.44	43	72509	85.87	ug/l	97
17) Carbon Disulfide	2.57	76	57092	15.87	ug/l	97
18) Methyl Acetate	2.78	43	45123	19.02	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	81292	19.75	ug/l	95
20) Methylene Chloride	2.85	84	25895	18.67	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	22953	18.05	ug/l	94
22) Diisopropyl ether	3.86	45	89800	19.04	ug/l	88
23) Vinyl Acetate	3.82	43	395388	97.75	ug/l	98
24) 1,1-Dichloroethane	3.70	63	46168	18.34	ug/l	99
25) 2-Butanone	4.69	43	117846	88.77	ug/l	97
26) 2,2-Dichloropropane	4.58	77	35877	19.43	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	26002	18.52	ug/l	96
28) Bromochloromethane	5.02	49	20400	18.14	ug/l	96
29) Tetrahydrofuran	5.15	42	76541	89.80	ug/l	97
30) Chloroform	5.21	83	47430	19.53	ug/l	90
31) Cyclohexane	5.57	56	37746	17.28	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	36711	18.13	ug/l	99
36) 1,1-Dichloropropene	5.79	75	31870	16.33	ug/l	99
37) Ethyl Acetate	4.85	43	42470	16.54	ug/l	99
38) Carbon Tetrachloride	5.78	117	30618	15.67	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	33906	17.14	ug/l	98
40) Benzene	6.14	78	93177	16.37	ug/l	96
41) Methacrylonitrile	5.06	41	24153	17.41	ug/l	98
42) 1,2-Dichloroethane	6.20	62	33600	16.48	ug/l	100
43) Isopropyl Acetate	6.46	43	62070	16.69	ug/l	98
44) Trichloroethene	7.21	130	25051	17.33	ug/l	89
45) 1,2-Dichloropropane	7.52	63	25437	18.42	ug/l	95
46) Dibromomethane	7.66	93	15682	18.09	ug/l	100
47) Bromodichloromethane	7.90	83	30843	18.83	ug/l	98
48) Methyl methacrylate	7.77	41	30698	18.38	ug/l	98
49) 1,4-Dioxane	7.74	88	12605	350.23	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	209053	89.18	ug/l	99
52) Toluene	8.78	92	56904	17.89	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	33115	17.13	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	36501	18.53	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	23991	16.93	ug/l	98
56) Ethyl methacrylate	9.18	69	36111	17.03	ug/l	99
57) 1,3-Dichloropropane	9.37	76	40182	16.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	103300	94.70	ug/l	100
59) 2-Hexanone	9.49	43	163661	79.20	ug/l	99
60) Dibromochloromethane	9.58	129	24254	15.83	ug/l	99
61) 1,2-Dibromoethane	9.67	107	24937	15.91	ug/l	100
64) Tetrachloroethene	9.34	164	25863	17.74	ug/l	97
65) Chlorobenzene	10.14	112	64854	18.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	23268	19.51	ug/l	100
67) Ethyl Benzene	10.25	91	108907	19.80	ug/l	99
68) m/p-Xylenes	10.36	106	83965	40.02	ug/l	100
69) o-Xylene	10.70	106	39972	21.25	ug/l	99
70) Styrene	10.71	104	67097	21.62	ug/l	100
71) Bromoform	10.85	173	19221	19.23	ug/l #	100
73) Isopropylbenzene	11.02	105	111700	20.70	ug/l	99
74) N-amyl acetate	10.90	43	52953	18.31	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	38318	19.35	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	38439m	20.23	ug/l	
77) Bromobenzene	11.26	156	29477	19.38	ug/l	99
78) n-propylbenzene	11.36	91	129999	20.45	ug/l	99
79) 2-Chlorotoluene	11.42	91	76883	20.00	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	94695	20.65	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	11965	20.07	ug/l	97
82) 4-Chlorotoluene	11.51	91	90574	20.00	ug/l	99
83) tert-Butylbenzene	11.77	119	90557	19.52	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	97307	19.16	ug/l	99
85) sec-Butylbenzene	11.94	105	114283	20.15	ug/l	100
86) p-Isopropyltoluene	12.07	119	103213	20.54	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	55921	19.16	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	55990	18.74	ug/l	98
89) n-Butylbenzene	12.39	91	88856	19.08	ug/l	100
90) Hexachloroethane	12.60	117	15913	18.97	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	54347	18.59	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9195	19.03	ug/l	98

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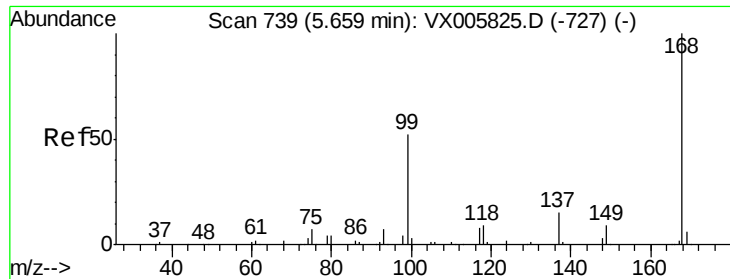
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	40651	19.75	ug/l	99
94) Hexachlorobutadiene	13.78	225	20595	19.05	ug/l	99
95) Naphthalene	13.83	128	120651	18.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	41680	19.88	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

VX1115MBS01

Tgt Ion: 168 Resp: 136419

Ion Ratio Lower Upper

168 100

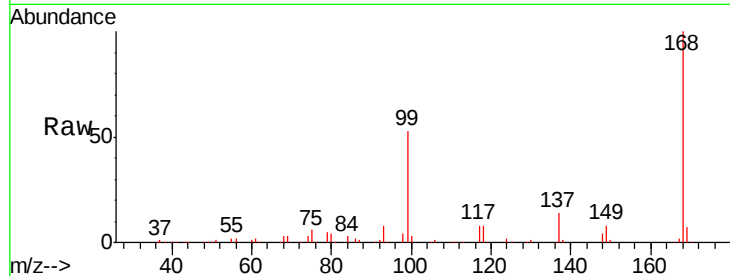
99 53.4 40.7 61.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

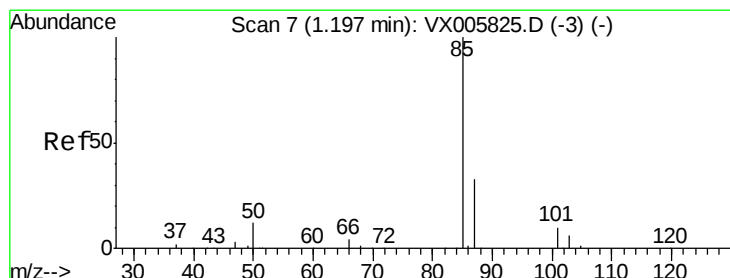
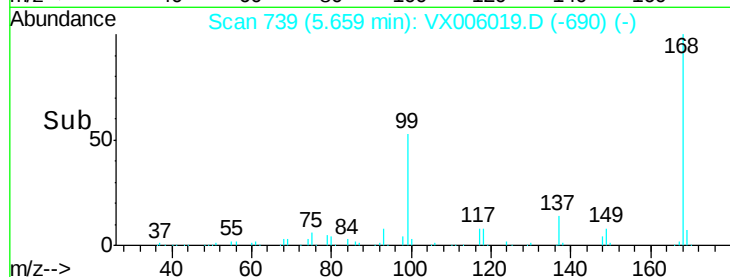
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.11 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006019.D

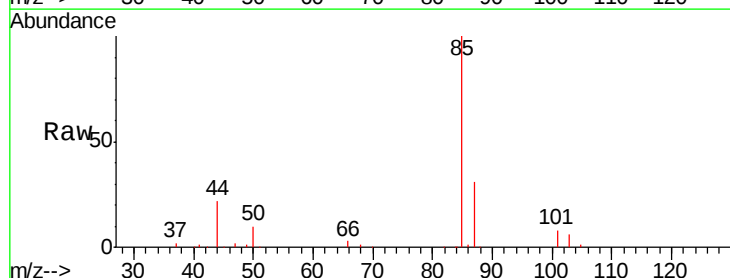
Acq: 15 Nov 2018 14:54

Tgt Ion: 85 Resp: 21044

Ion Ratio Lower Upper

85 100

87 30.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

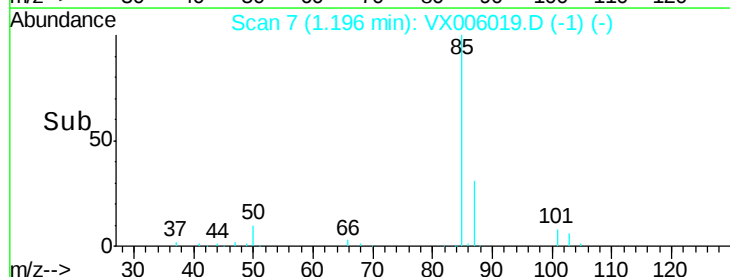
15000

10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 16.44 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Tgt Ion: 50 Resp: 26535

Ion Ratio Lower Upper

50 100

52 31.1 26.2 39.2

Instrument :

MSVOA_X

ClientSampleId :

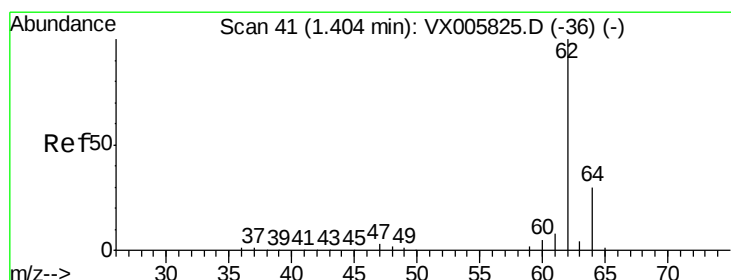
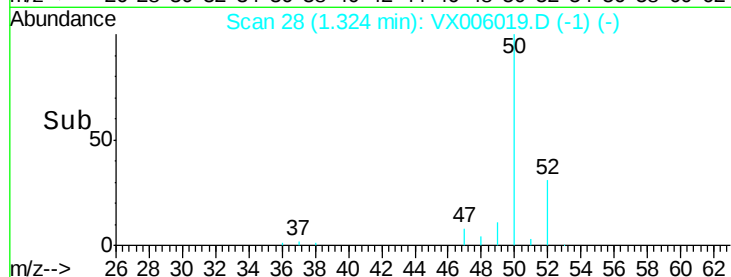
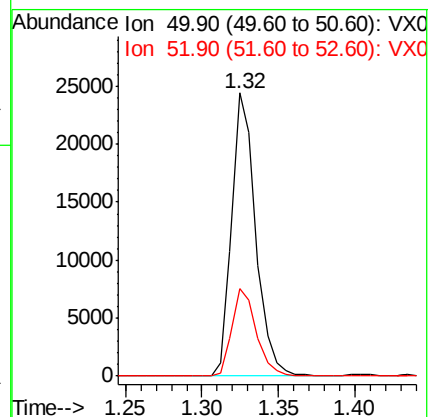
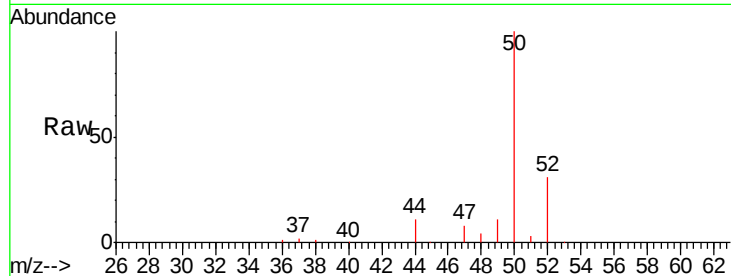
VX1115MBS01

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#4

Vinyl Chloride

Concen: 17.04 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX006019.D

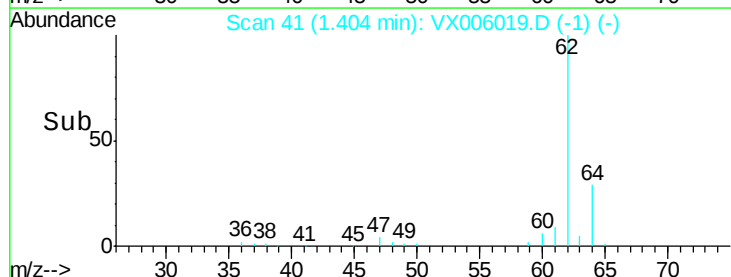
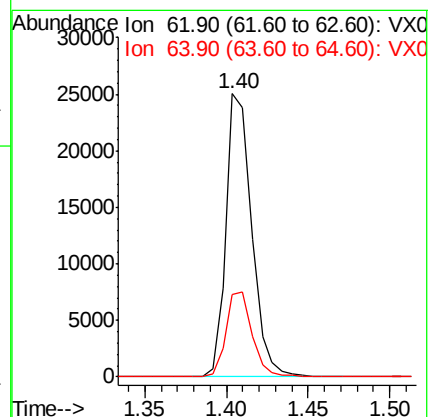
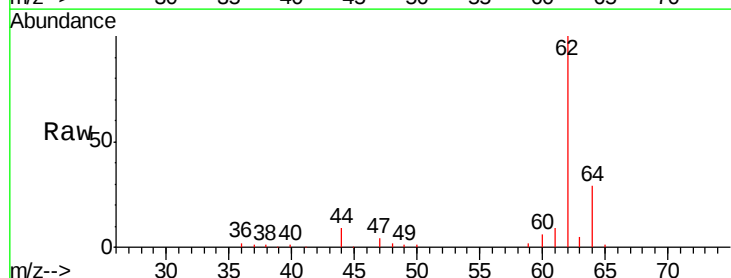
Acq: 15 Nov 2018 14:54

Tgt Ion: 62 Resp: 27608

Ion Ratio Lower Upper

62 100

64 29.3 25.3 37.9





#5

Bromomethane

Concen: 15.80 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1115MBS01

Tgt Ion: 94 Resp: 15670

Ion Ratio Lower Upper

94 100

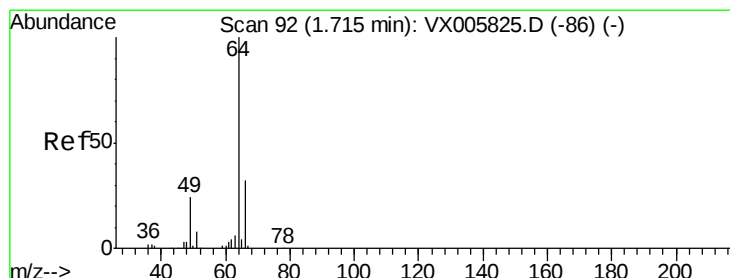
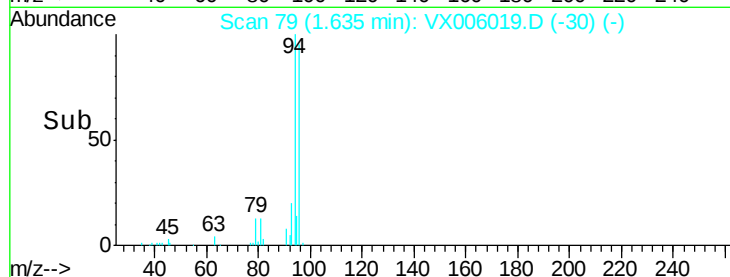
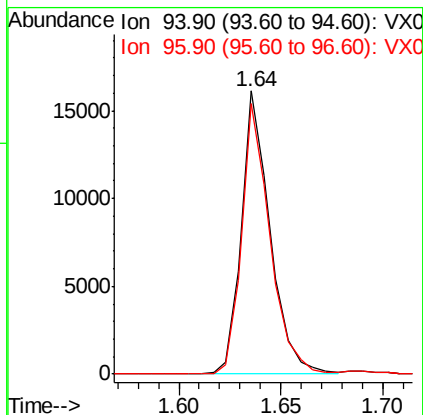
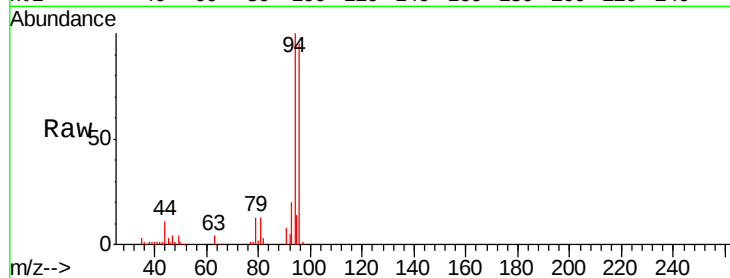
96 95.5 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 16.93 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006019.D

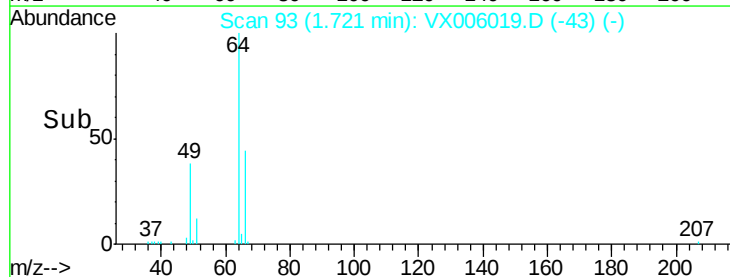
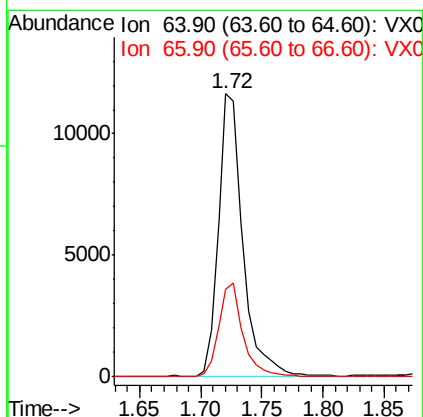
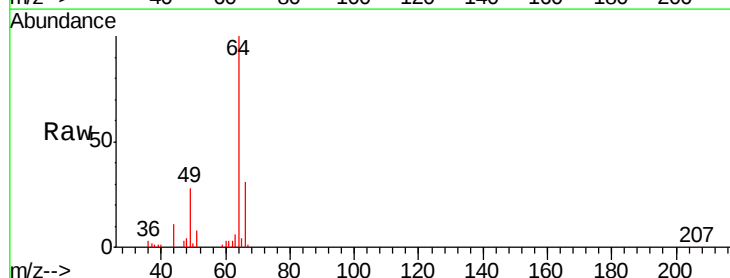
Acq: 15 Nov 2018 14:54

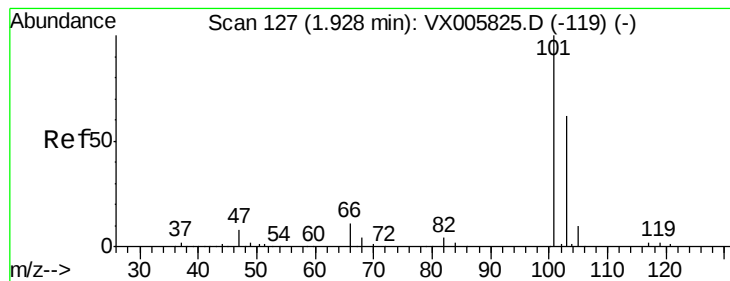
Tgt Ion: 64 Resp: 16369

Ion Ratio Lower Upper

64 100

66 30.7 25.8 38.6





#7

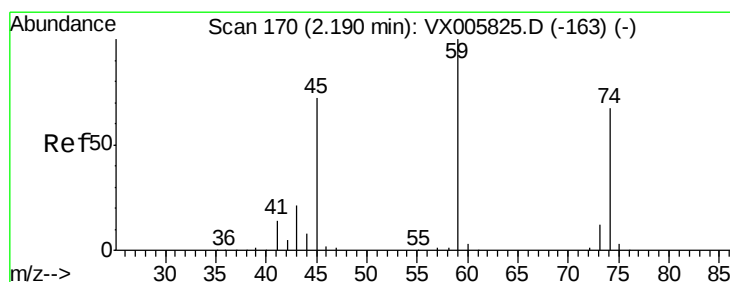
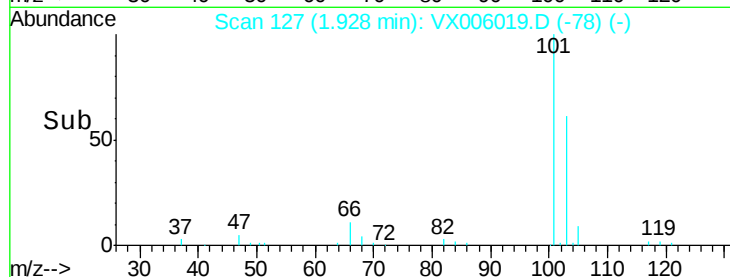
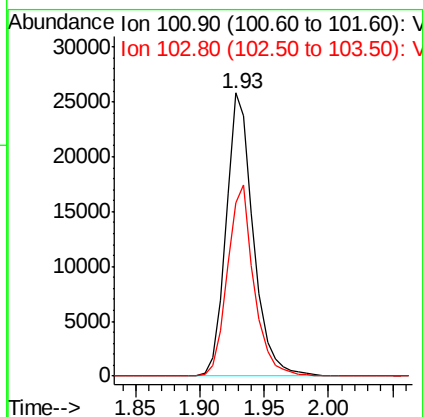
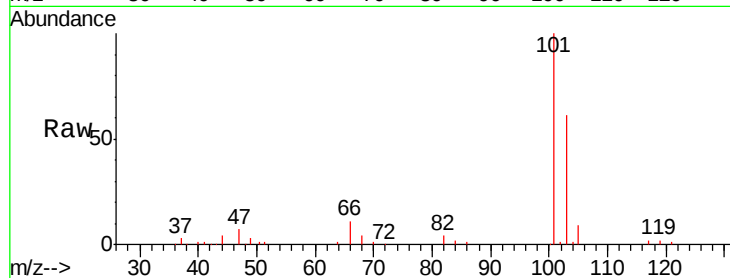
Trichlorofluoromethane
Concen: 17.73 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006019.D
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.4	50.0	75.0

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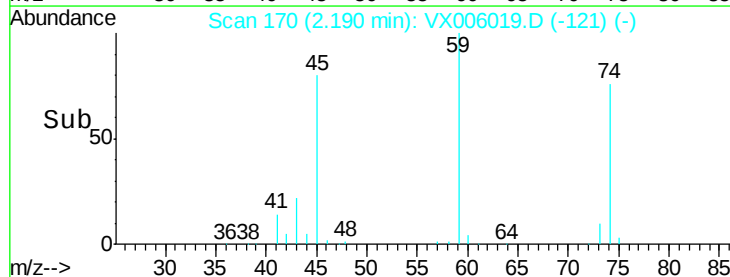
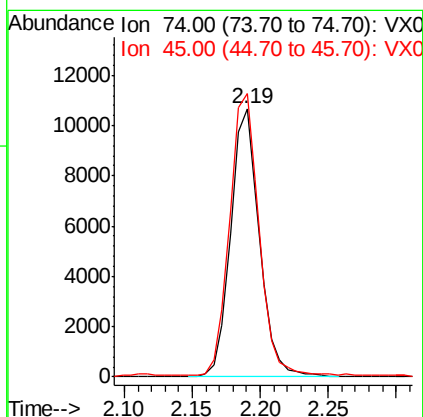
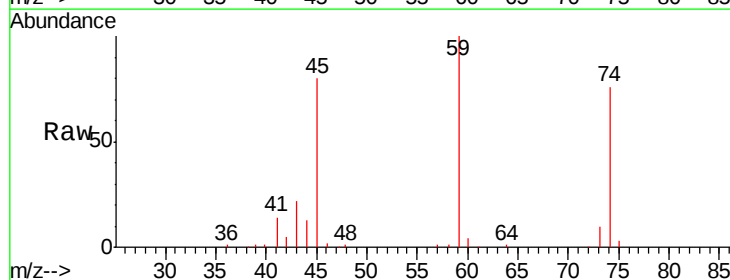
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#8

Diethyl Ether
Concen: 18.61 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.3	54.1	162.3





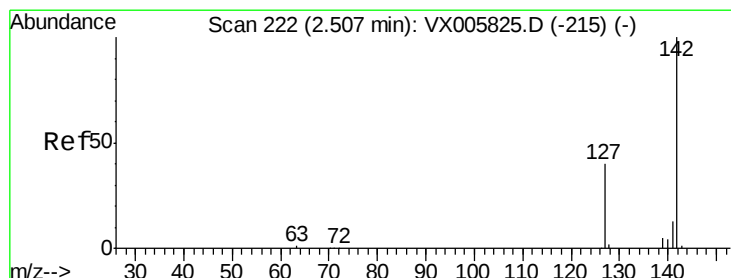
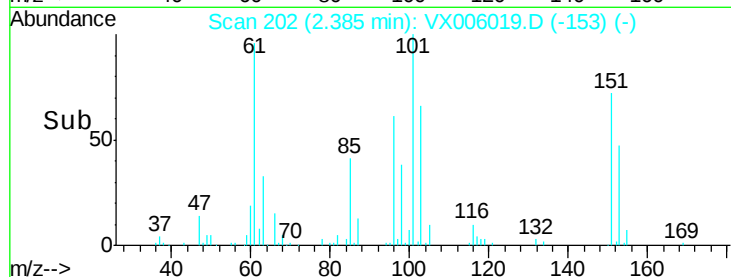
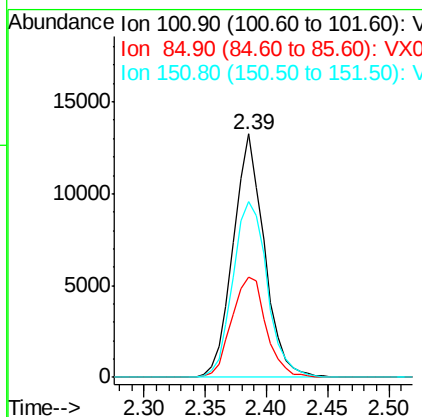
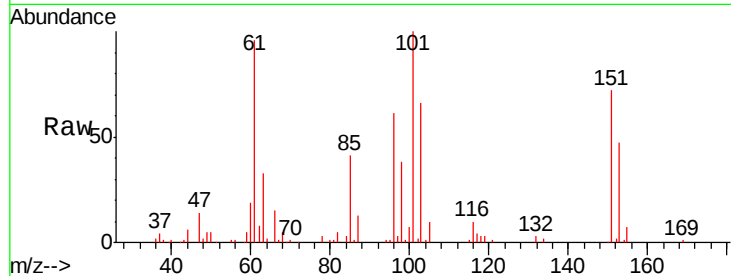
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.91 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Instrument :
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 VX1115MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	23399		
85	45.3	35.0	52.4	
151	79.8	66.2	99.2	

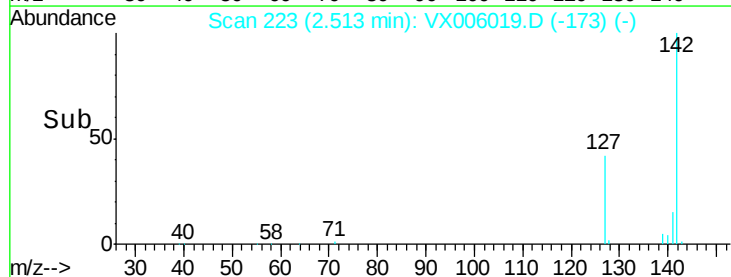
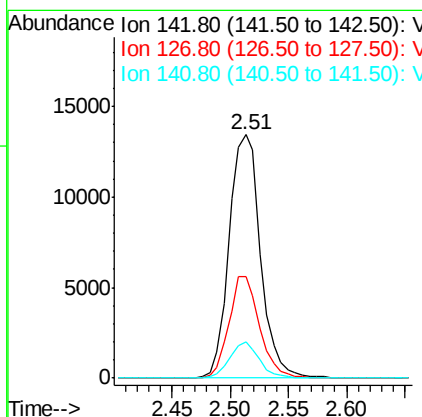
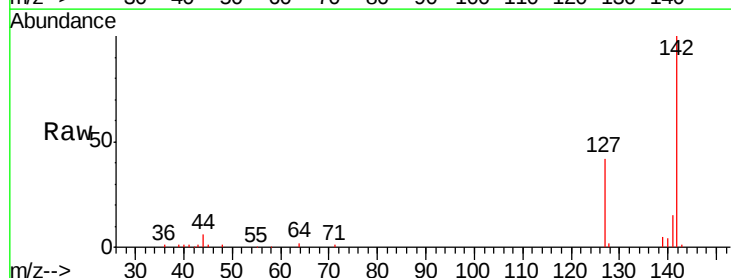
Manual Integrations
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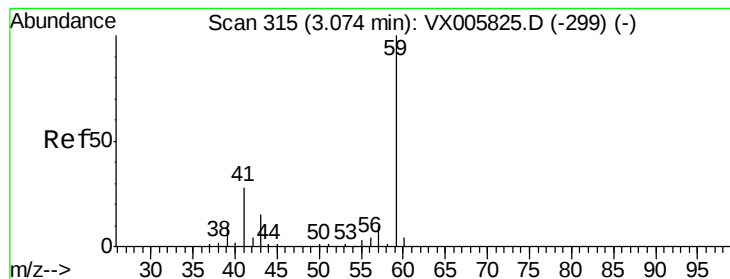
MMDadoda
 11/16/2018 10:41:04 AM



#10
 Methyl Iodide
 Concen: 16.78 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	25166		
127	40.9	36.0	54.0	
141	13.9	11.7	17.5	





#11

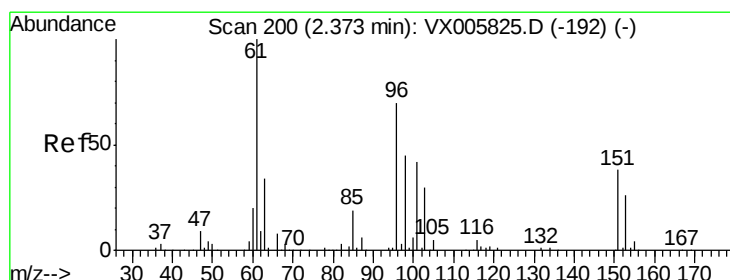
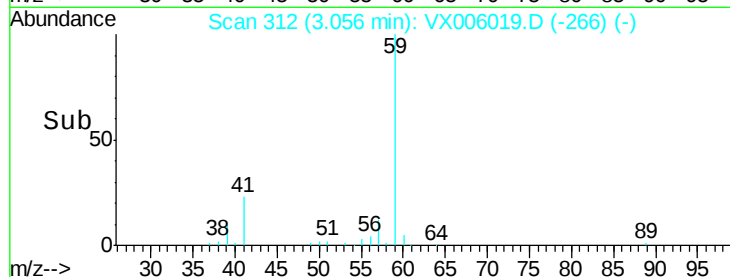
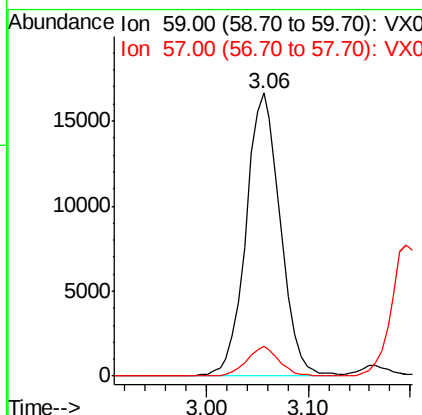
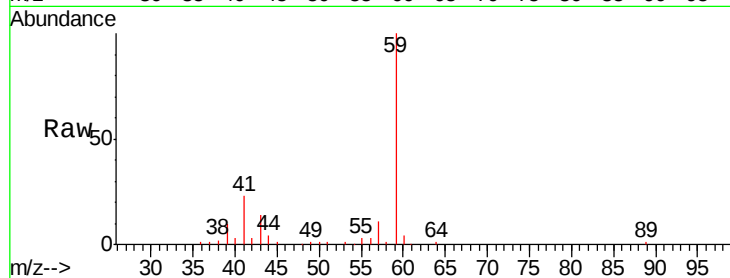
Tert butyl alcohol
Concen: 86.72 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

Tgt Ion: 59 Resp: 38962
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7

Manual Integrations
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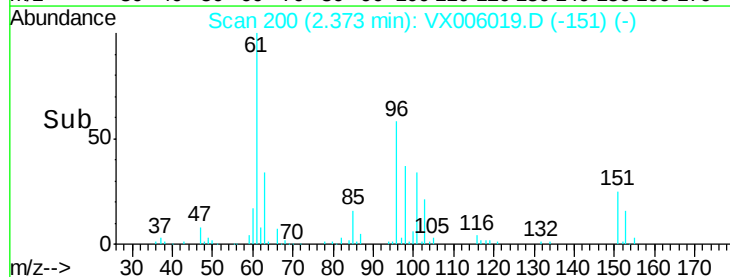
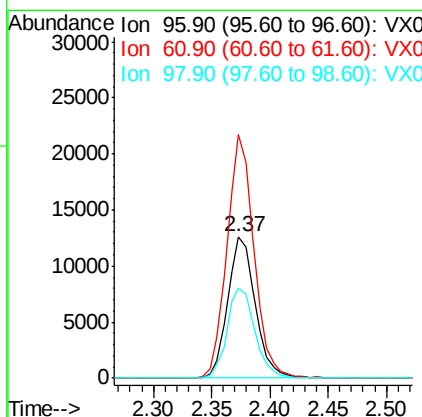
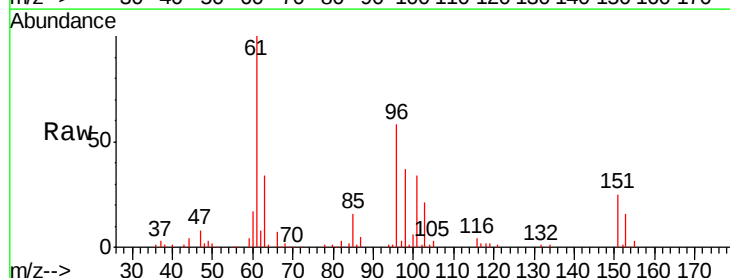
MMDadoda
11/16/2018 10:41:04 AM

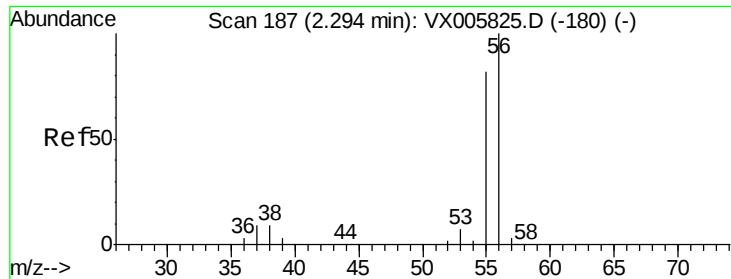


#12

1,1-Dichloroethene
Concen: 17.25 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion: 96 Resp: 20796
Ion Ratio Lower Upper
96 100
61 172.4 131.8 197.8
98 63.3 53.4 80.2





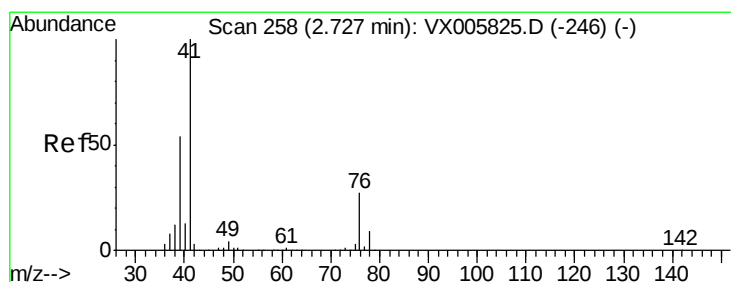
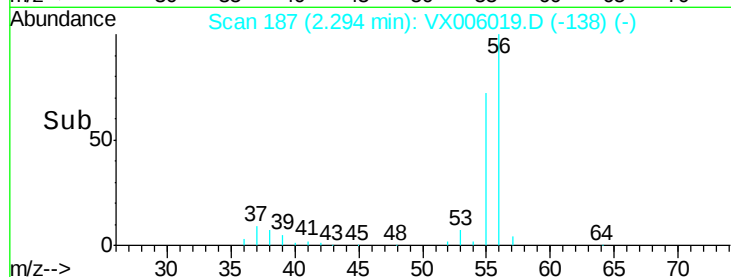
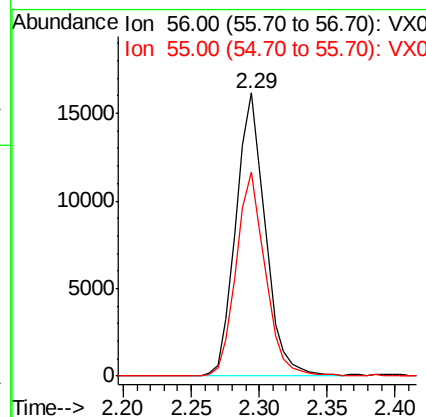
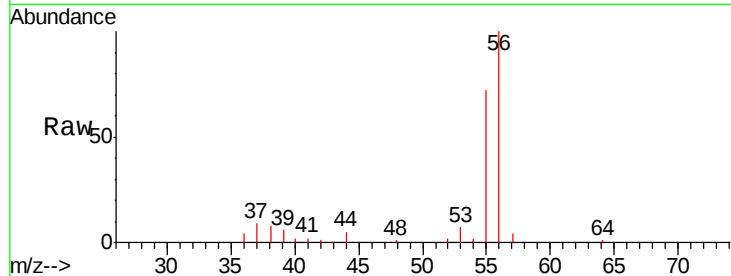
#13
Acrolein
Concen: 124.34 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

Tgt Ion: 56 Resp: 24401
Ion Ratio Lower Upper
56 100
55 71.1 57.3 85.9

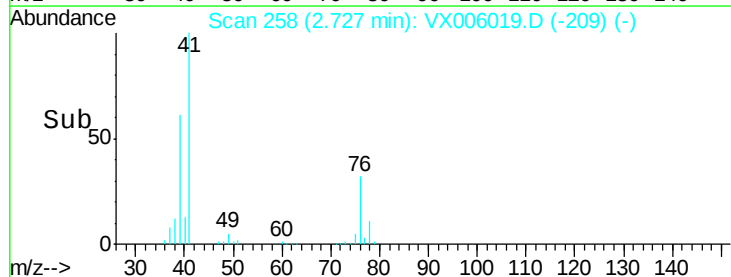
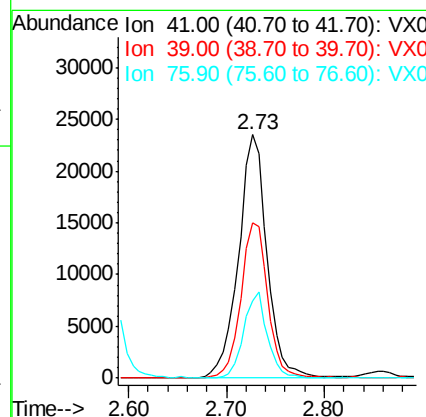
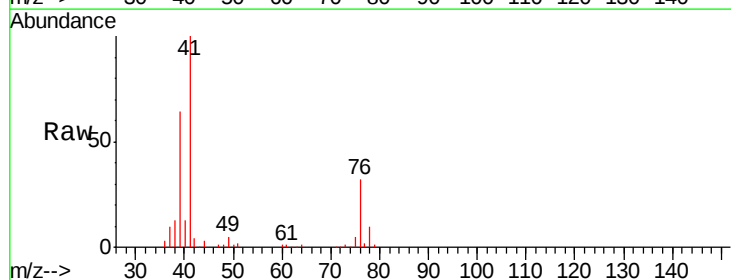
Manual Integrations
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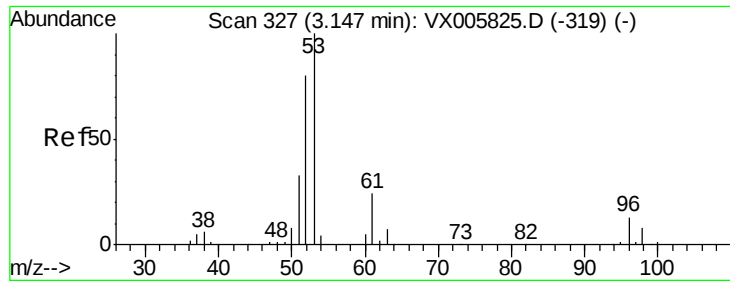
MMDadoda
11/16/2018 10:41:04 AM



#14
Allyl chloride
Concen: 17.72 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion: 41 Resp: 47715
Ion Ratio Lower Upper
41 100
39 60.5 48.2 72.4
76 29.2 21.9 32.9





#15

Acrylonitrile

Concen: 94.98 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

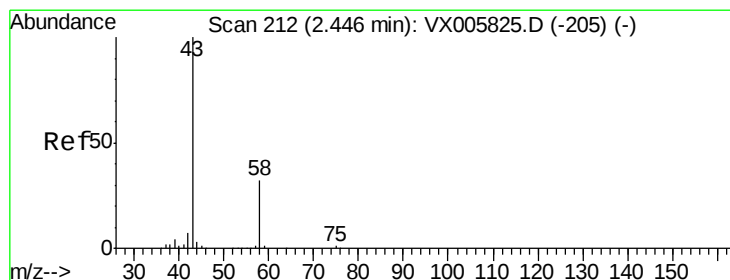
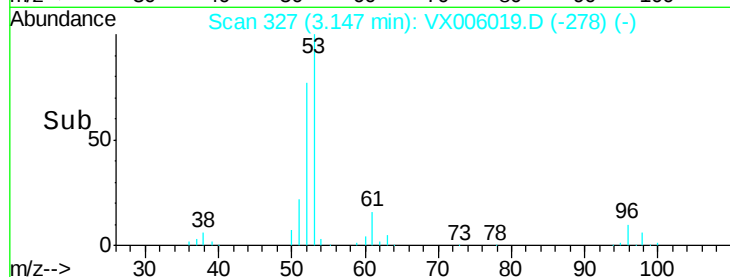
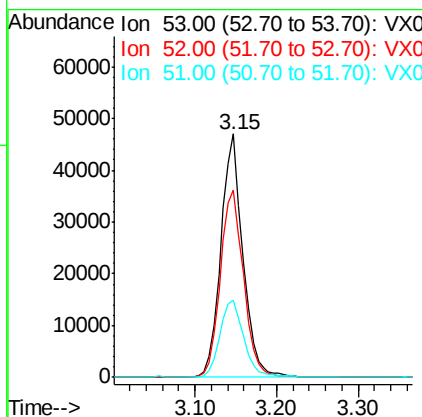
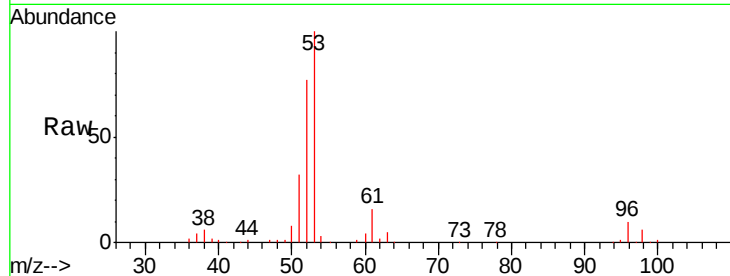
ClientSampleId :

VX1115MBS01

Tgt Ion:	53	Resp:	88429
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.6	99.8
51	34.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 85.87 ug/l

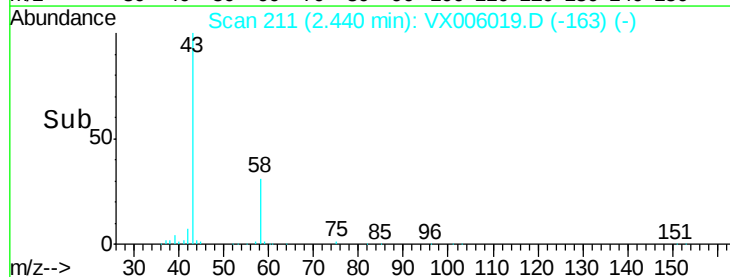
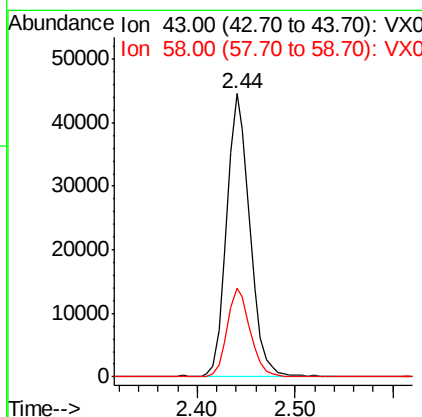
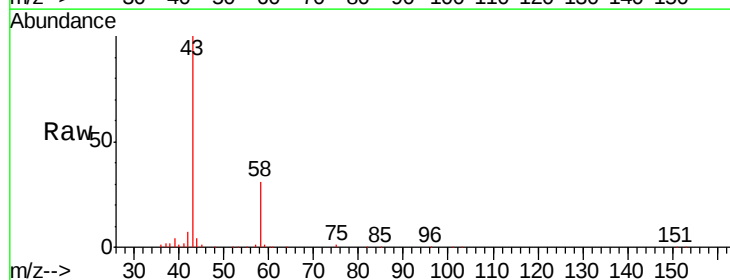
RT: 2.44 min Scan# 211

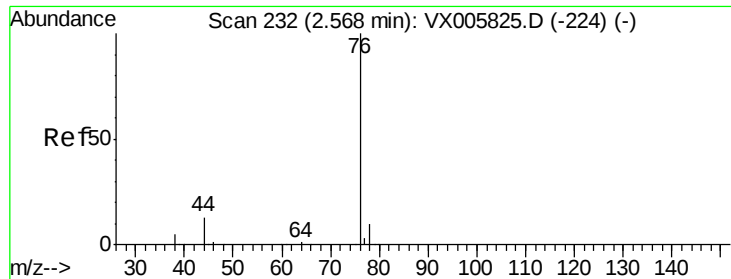
Delta R.T. -0.01 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Tgt Ion:	43	Resp:	72509
Ion	Ratio	Lower	Upper
43	100		
58	31.2	23.8	35.6





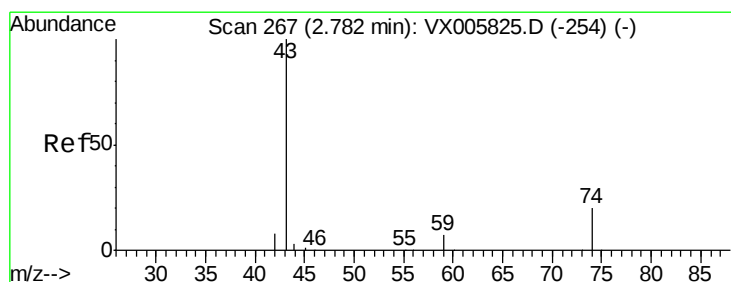
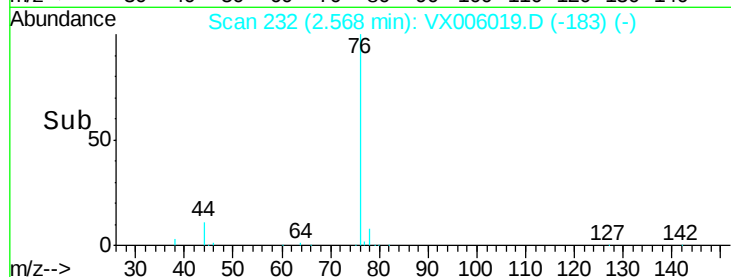
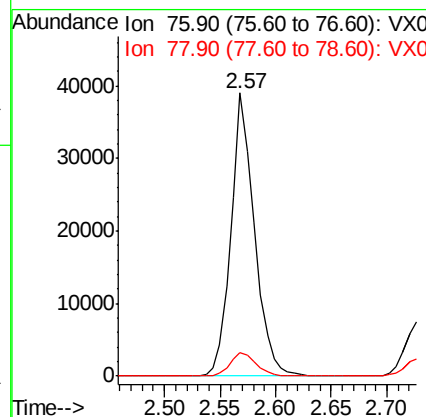
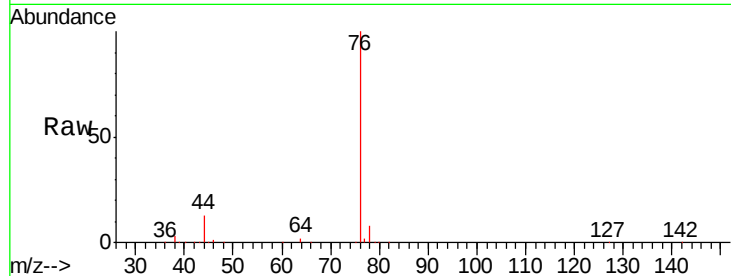
#17
Carbon Disulfide
Concen: 15.87 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

Tgt Ion: 76 Resp: 57092
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9

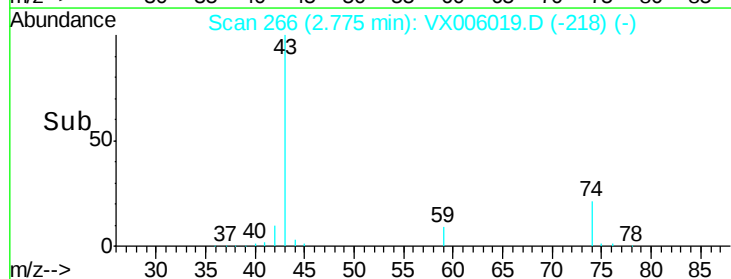
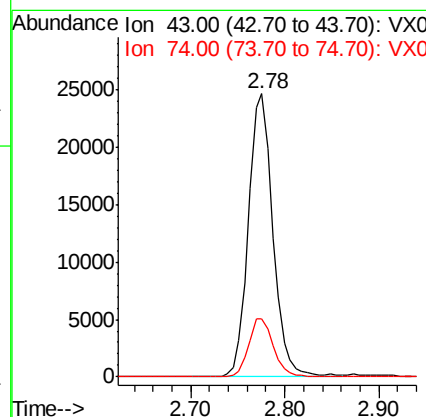
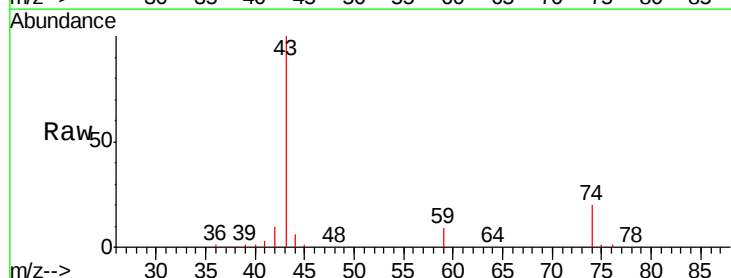
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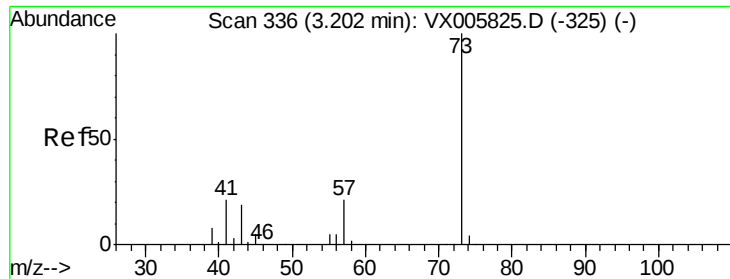
MMDadoda
11/16/2018 10:41:04 AM



#18
Methyl Acetate
Concen: 19.02 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion: 43 Resp: 45123
Ion Ratio Lower Upper
43 100
74 20.8 16.8 25.2





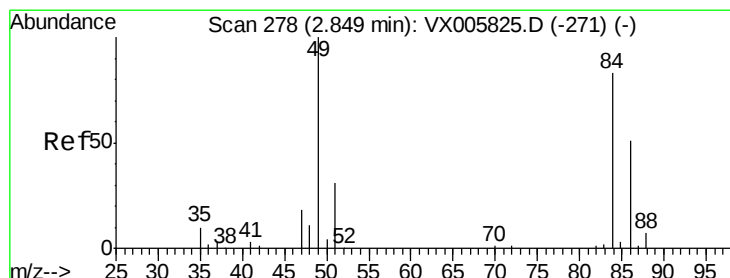
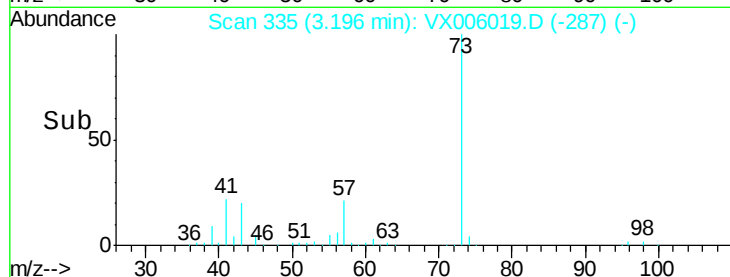
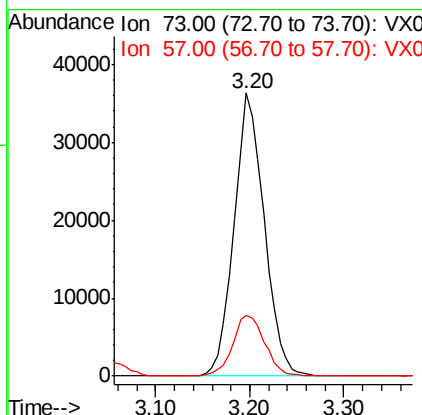
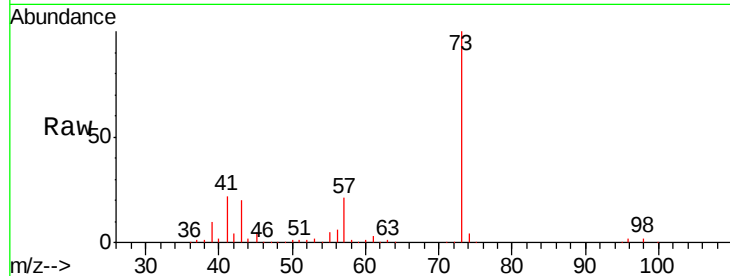
#19
Methyl tert-butyl Ether
Concen: 19.75 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

Tgt Ion: 73 Resp: 81292
Ion Ratio Lower Upper
73 100
57 21.3 18.8 28.2

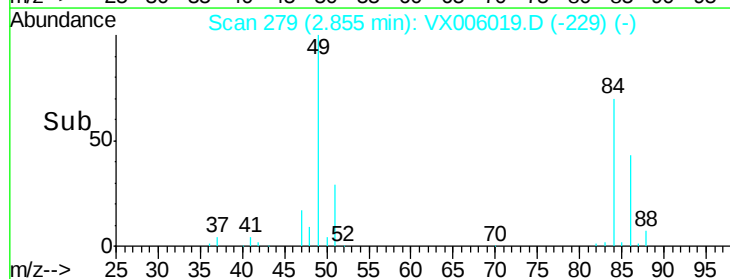
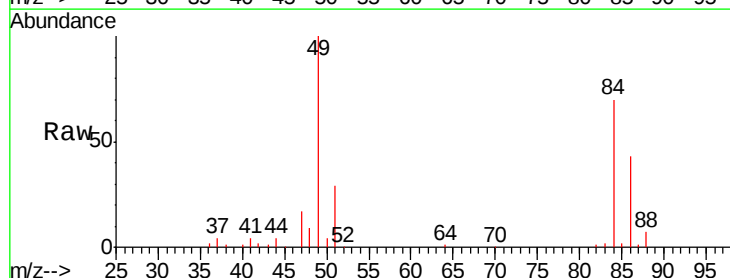
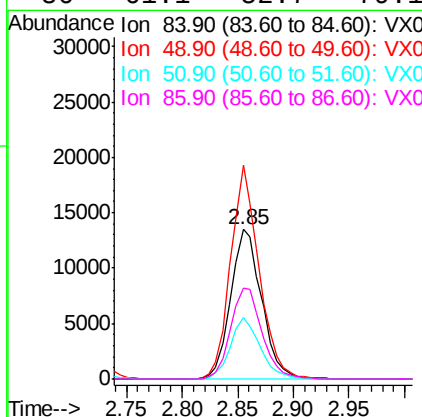
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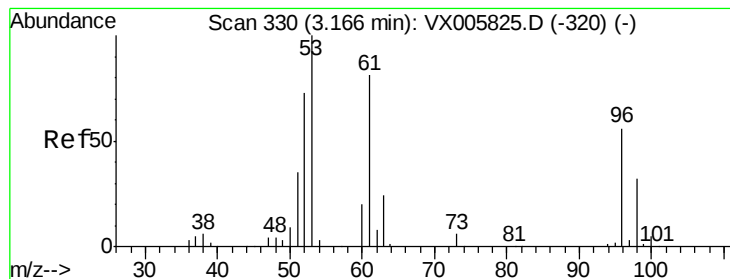
MMDadoda
11/16/2018 10:41:04 AM



#20
Methylene Chloride
Concen: 18.67 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion: 84 Resp: 25895
Ion Ratio Lower Upper
84 100
49 142.8 109.5 164.3
51 41.2 33.3 49.9
86 61.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.05 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1115MBS01

Tgt Ion: 96 Resp: 22953

Ion Ratio Lower Upper

96 100

61 135.9 115.6 173.4

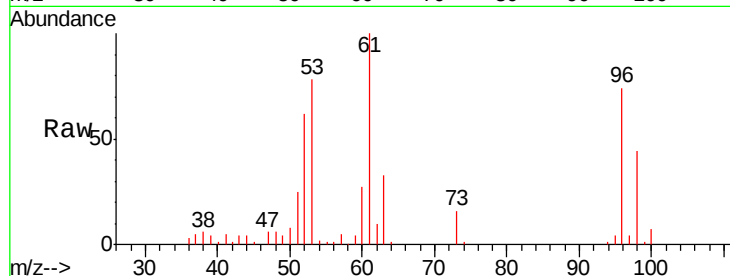
98 59.4 50.2 75.2

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MMDadoda

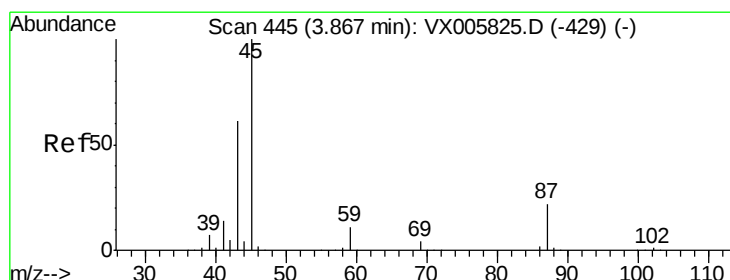
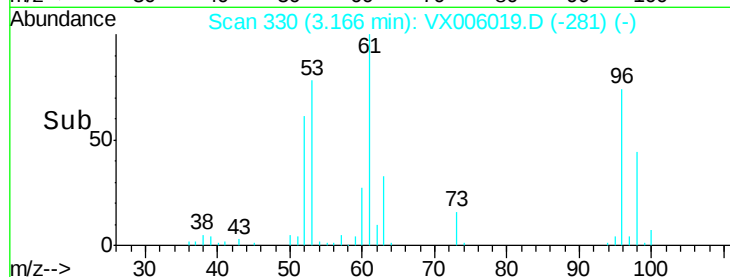
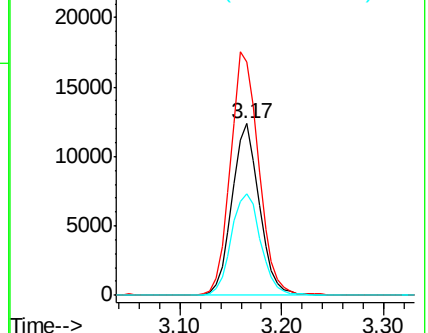
11/16/2018 10:41:04 AM



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



#22

Diisopropyl ether

Concen: 19.04 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Tgt Ion: 45 Resp: 89800

Ion Ratio Lower Upper

45 100

43 70.7 47.4 71.2

87 22.7 15.9 23.9

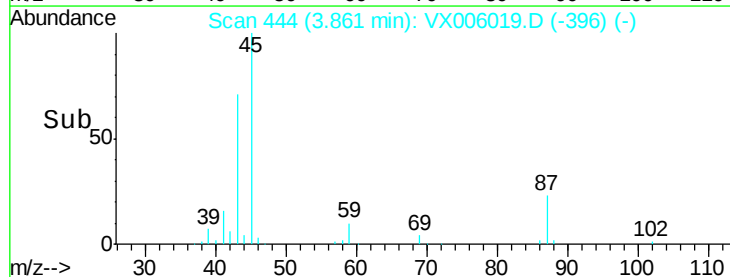
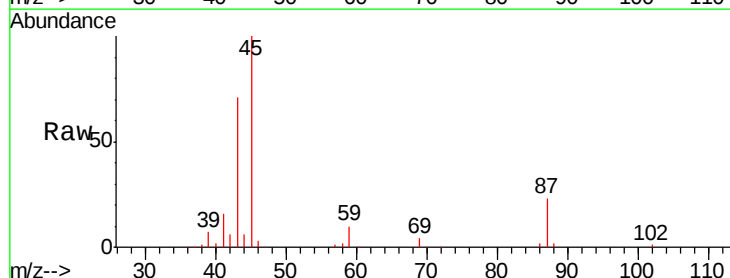
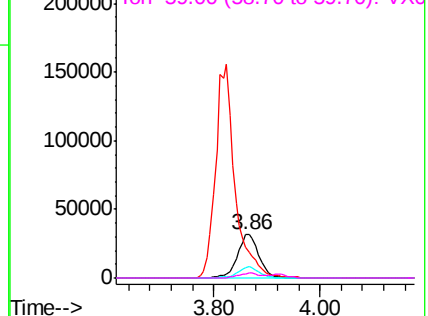
59 10.3 7.7 11.5

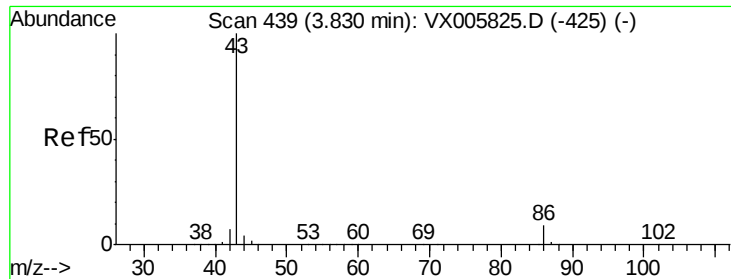
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.75 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1115MBS01

Tgt Ion: 43 Resp: 395388

Ion Ratio Lower Upper

43 100

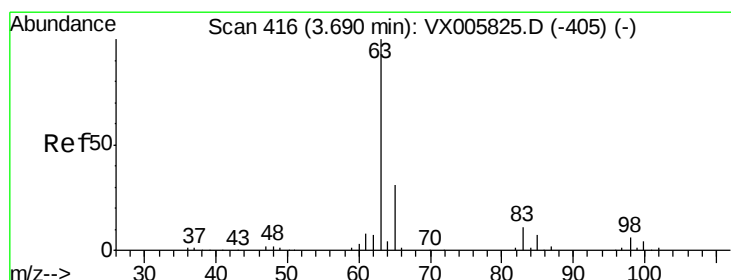
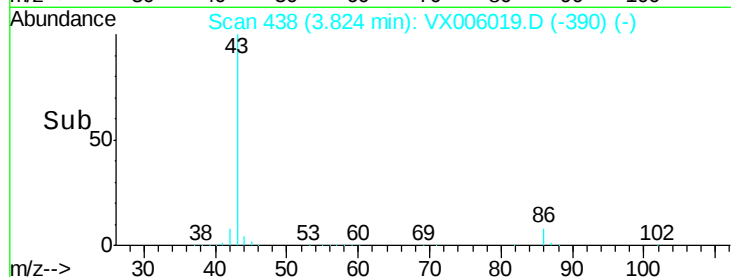
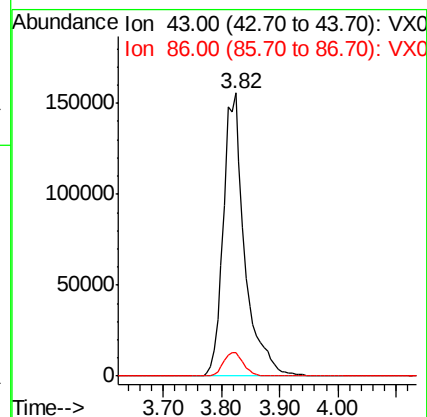
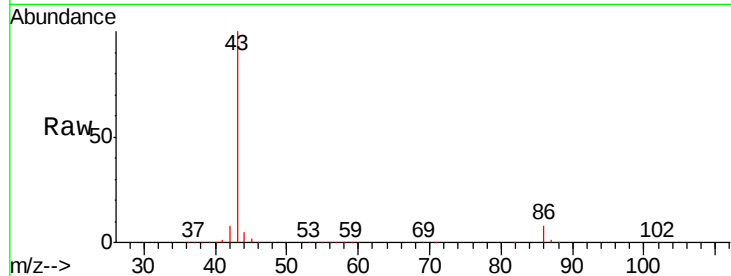
86 8.5 7.4 11.2

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#24

1,1-Dichloroethane

Concen: 18.34 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

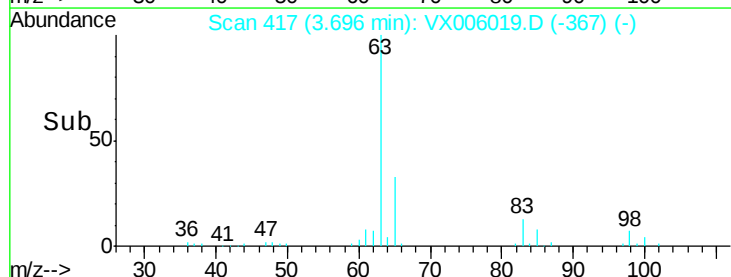
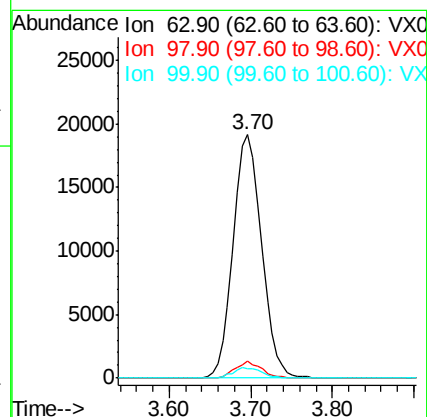
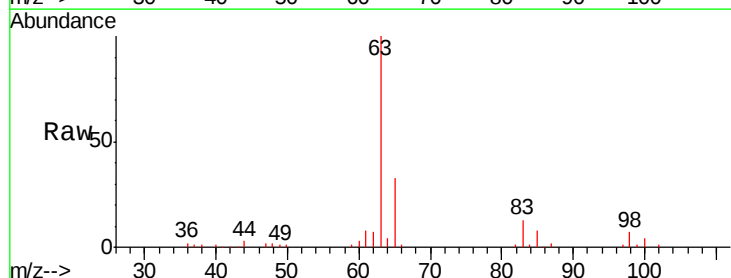
Tgt Ion: 63 Resp: 46168

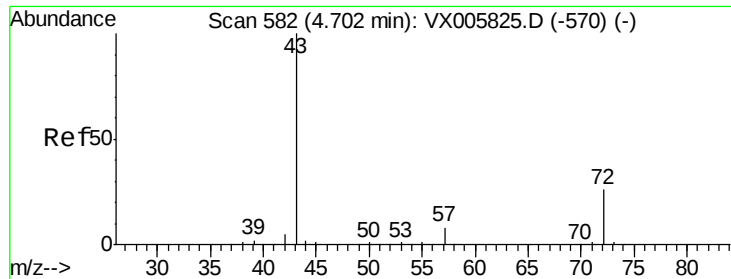
Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

100 3.7 2.1 6.2





#25

2-Butanone

Concen: 88.77 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1115MBS01

Tgt Ion: 43 Resp: 117846

Ion Ratio Lower Upper

43 100

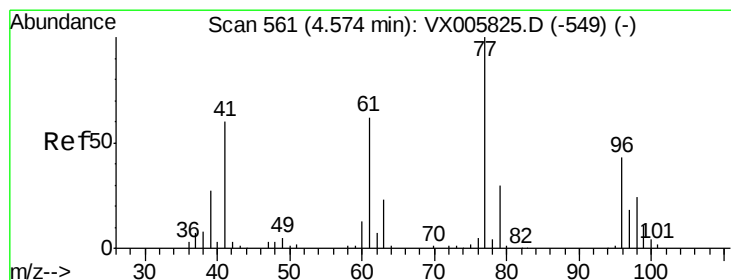
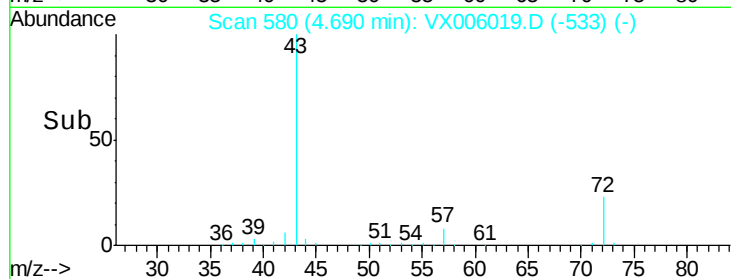
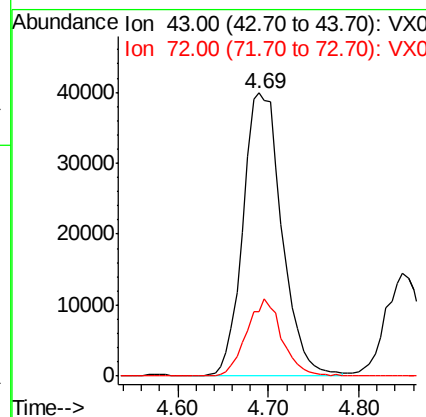
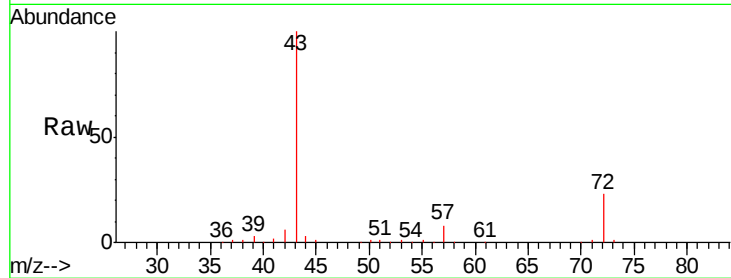
72 22.6 19.2 28.8

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 19.43 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX006019.D

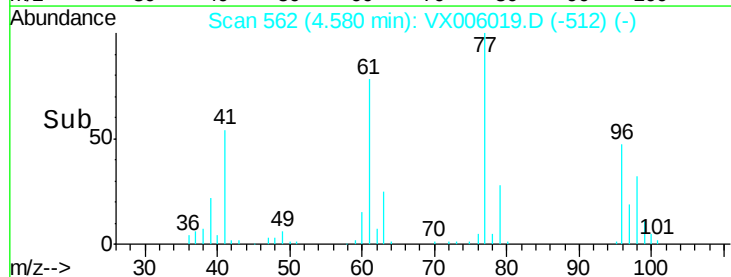
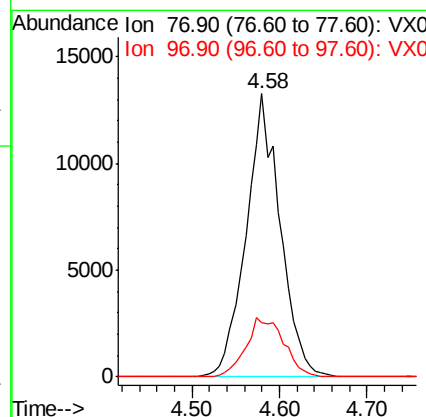
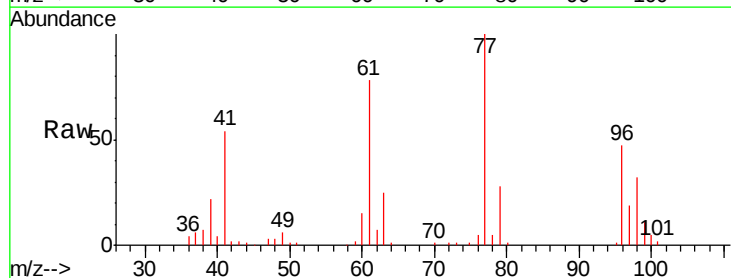
Acq: 15 Nov 2018 14:54

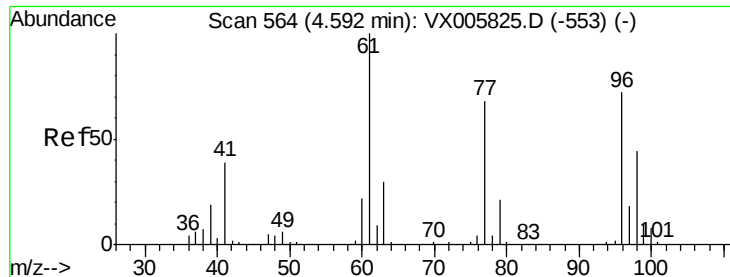
Tgt Ion: 77 Resp: 35877

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 18.52 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

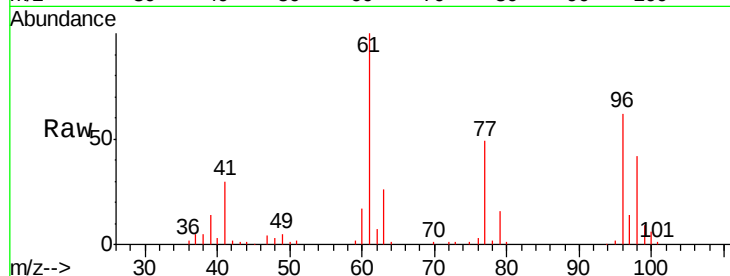
ClientSampleId :

VX1115MBS01

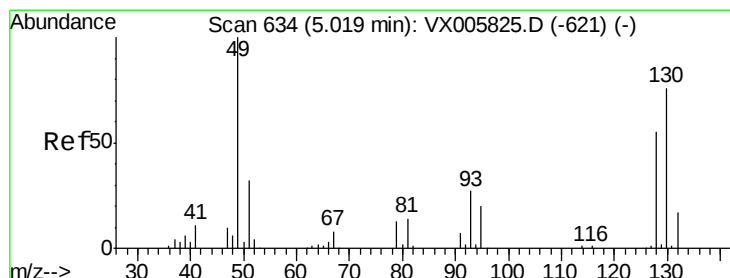
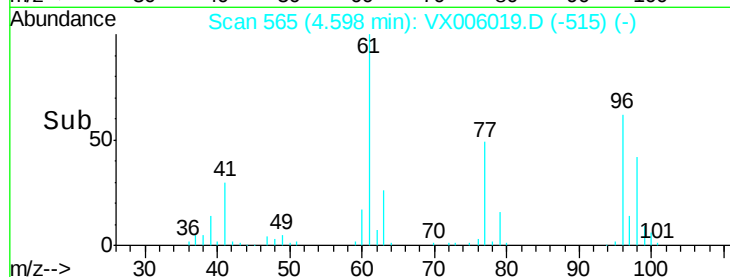
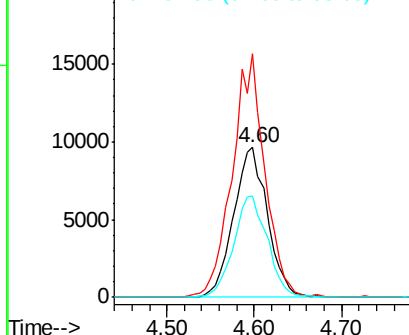
Tgt Ion:	96	Resp:	26002
Ion	Ratio	Lower	Upper
96	100		
61	156.3	0.0	304.6
98	67.5	0.0	127.4

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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: 18.14 ug/l

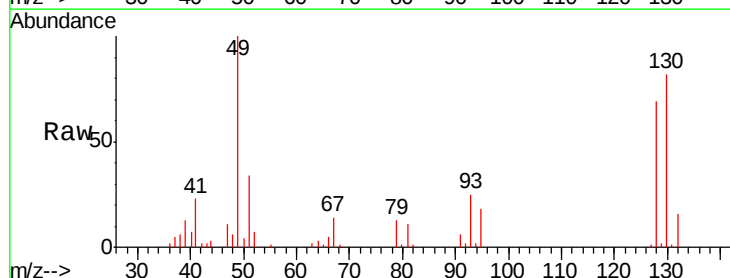
RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

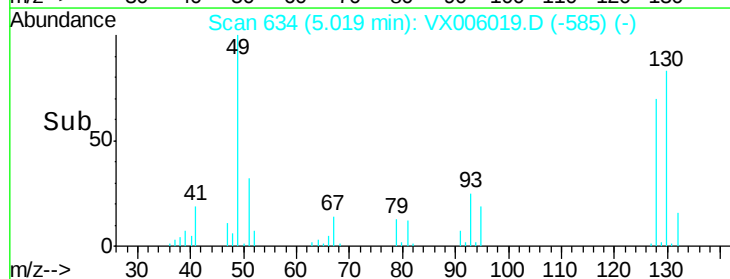
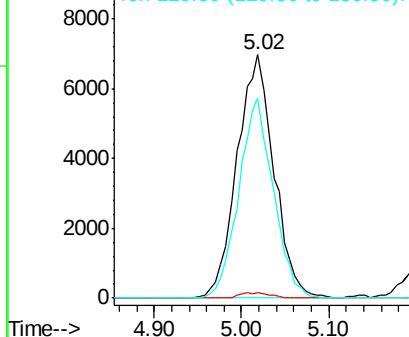
Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Tgt Ion:	49	Resp:	20400
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	76.8	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





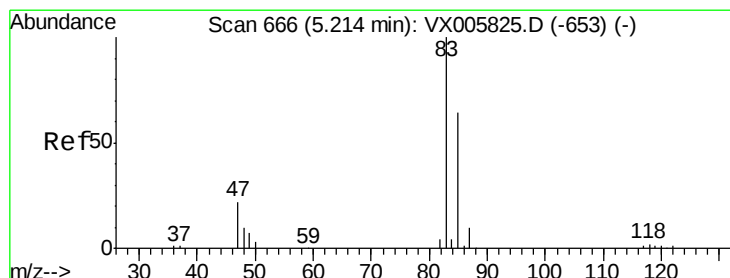
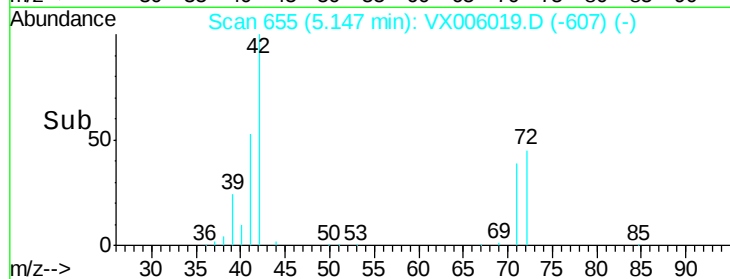
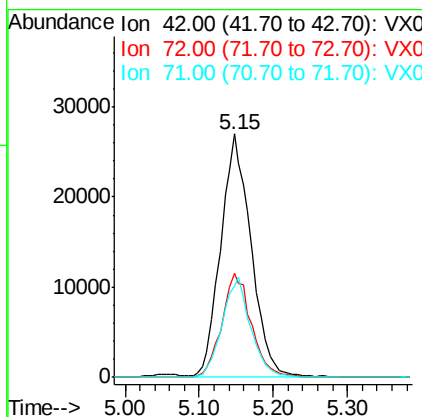
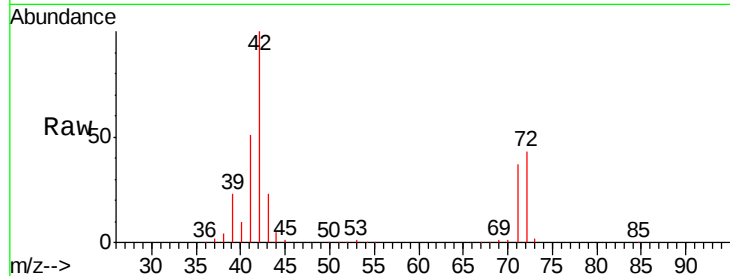
#29
Tetrahydrofuran
Concen: 89.80 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.7	32.0	48.0
71	38.7	29.8	44.8

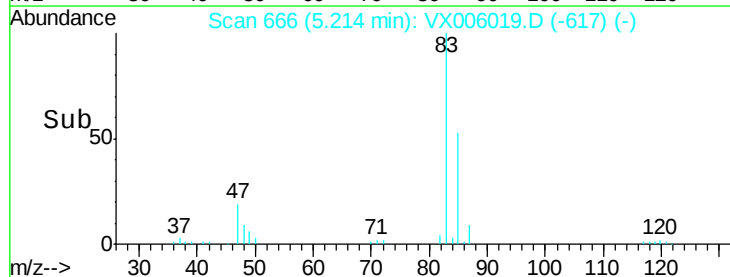
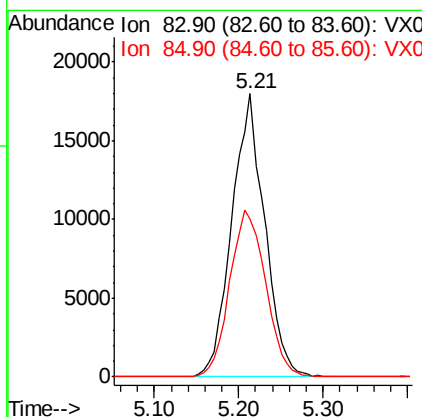
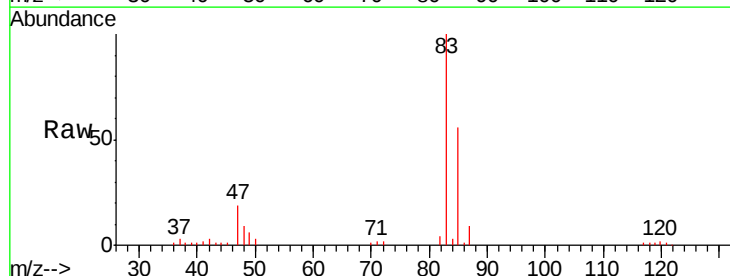
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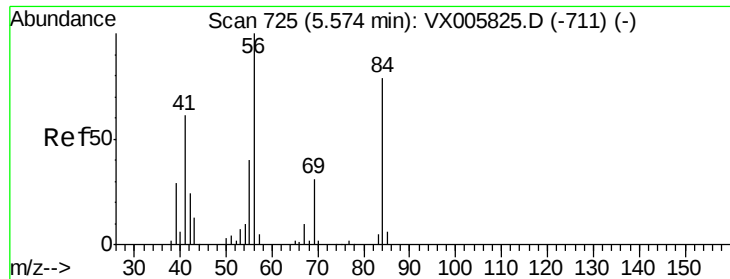
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#30
Chloroform
Concen: 19.53 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	55.9	50.6	76.0





#31

Cyclohexane

Concen: 17.28 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

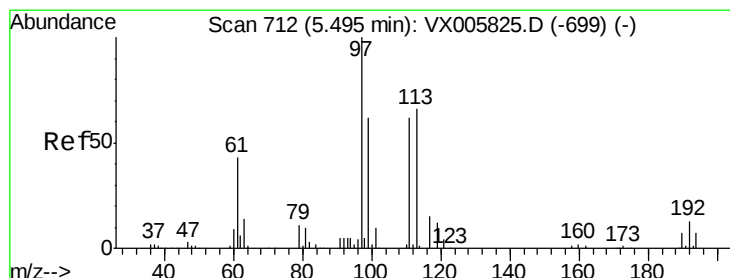
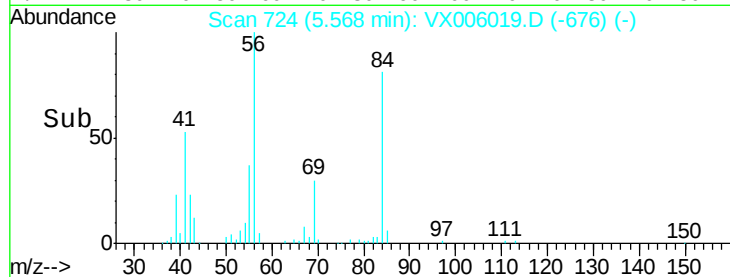
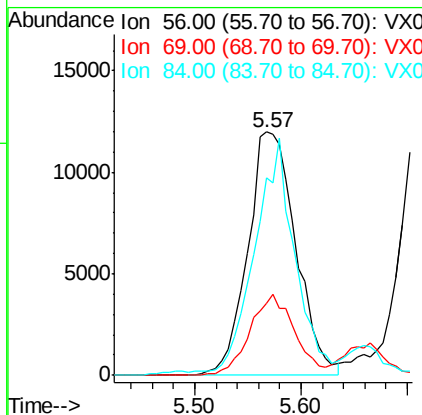
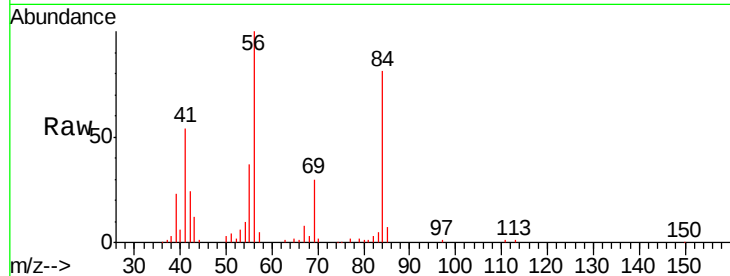
ClientSampleId :

VX1115MBS01

Tgt Ion:	56	Resp:	37746
Ion Ratio	Lower	Upper	
56	100		
69	29.7	22.6	34.0
84	79.9	62.7	94.1

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#32

1,1,1-Trichloroethane

Concen: 18.13 ug/l

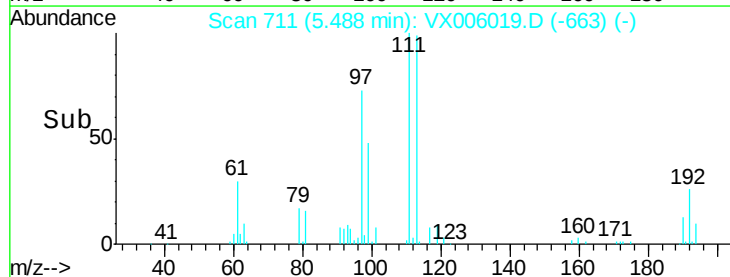
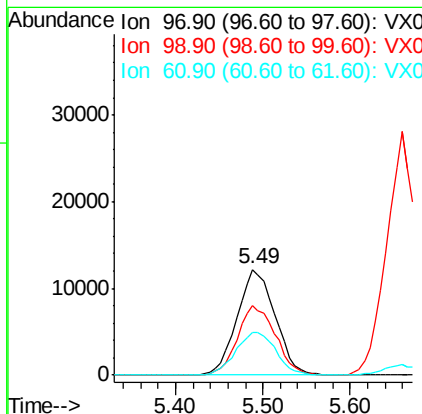
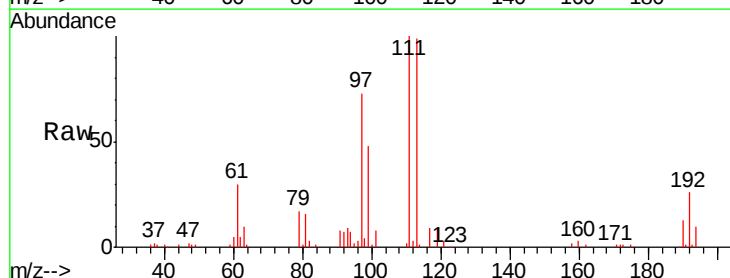
RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Tgt Ion:	97	Resp:	36711
Ion Ratio	Lower	Upper	
97	100		
99	65.8	52.3	78.5
61	43.1	35.2	52.8





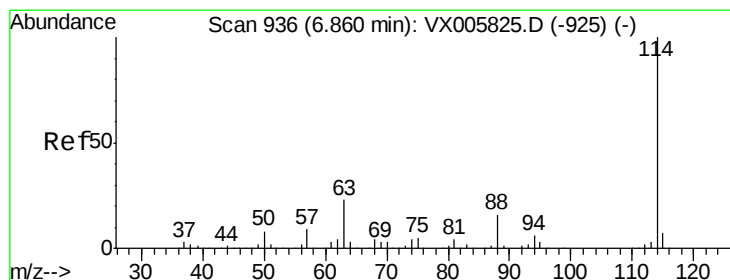
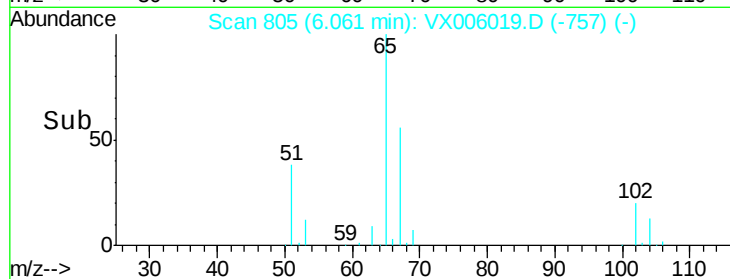
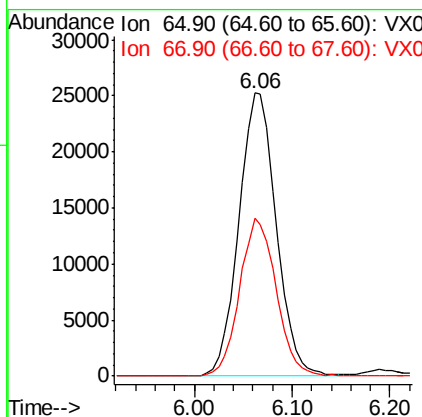
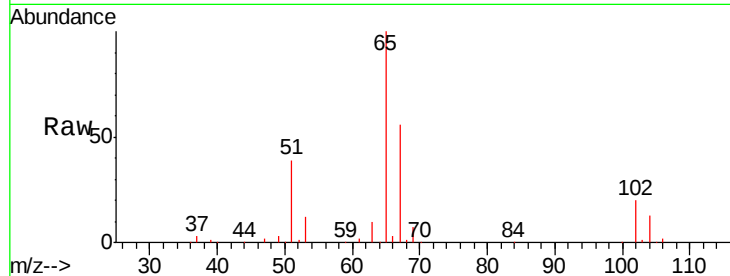
#33
 1,2-Dichloroethane-d4
 Concen: 42.69 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115MBS01

Tgt Ion: 65 Resp: 66944
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 105.0

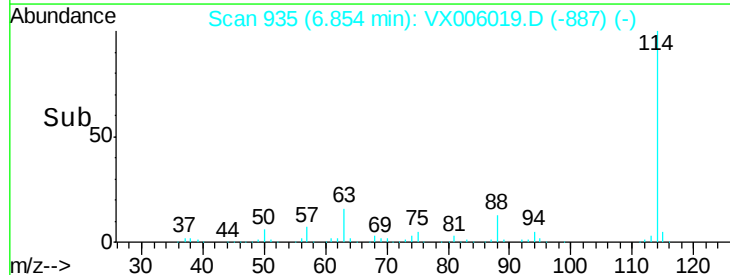
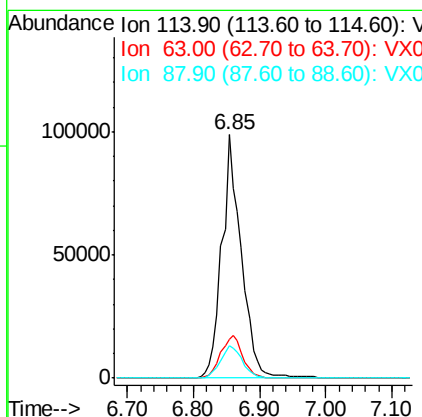
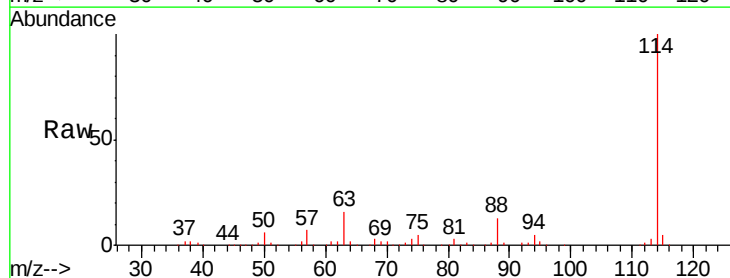
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Tgt Ion: 114 Resp: 202494
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 42.8
 88 13.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 40.89 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

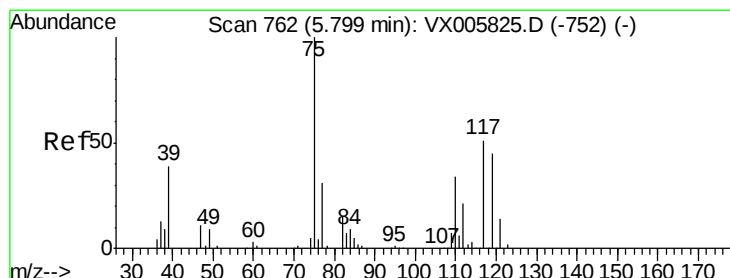
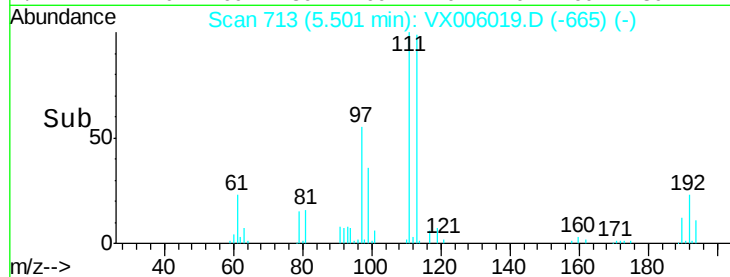
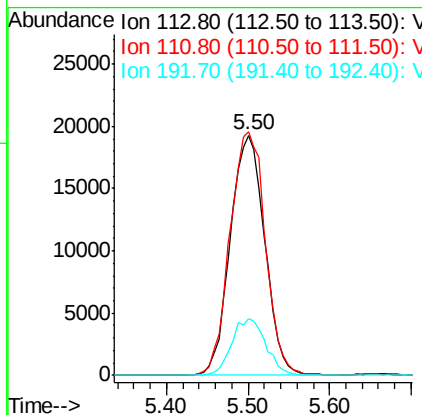
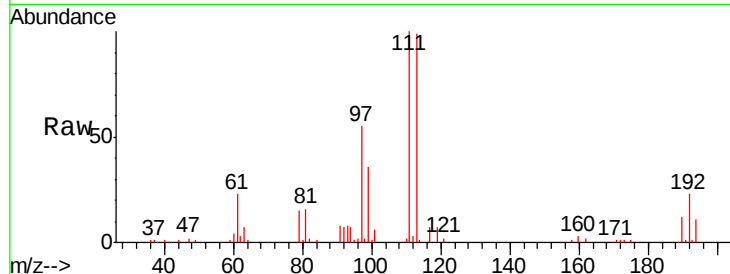
ClientSampleId :

VX1115MBS01

Tgt Ion:	113	Resp:	56311
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.3	123.5
192	23.3	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 16.33 ug/l

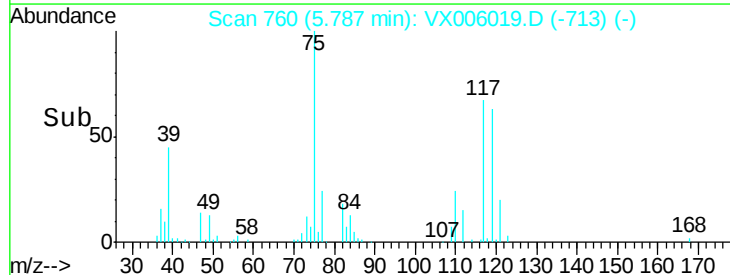
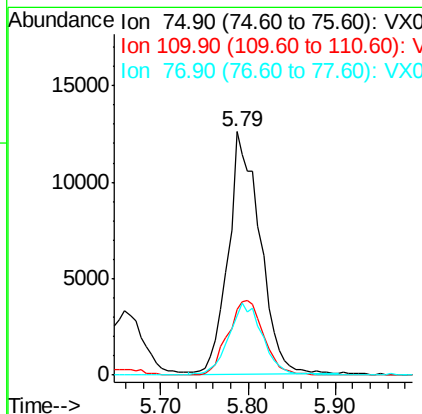
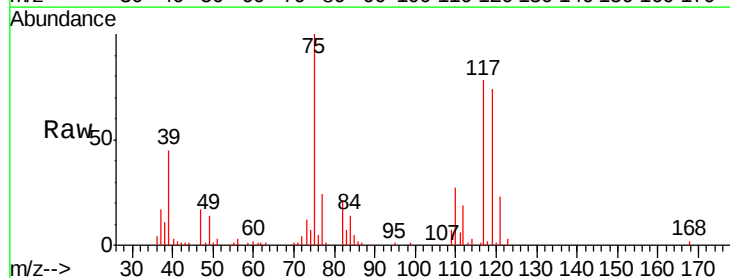
RT: 5.79 min Scan# 760

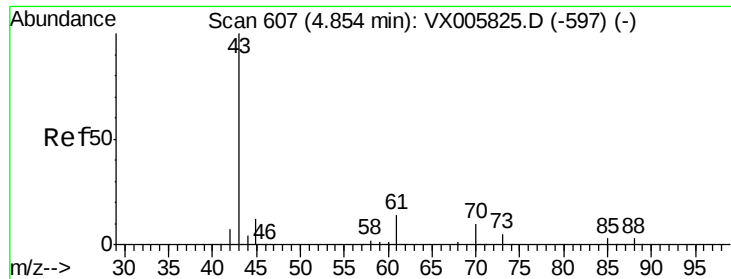
Delta R.T. -0.01 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Tgt Ion:	75	Resp:	31870
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.4	52.2
77	31.4	25.8	38.6





#37

Ethyl Acetate

Concen: 16.54 ug/l

RT: 4.85 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

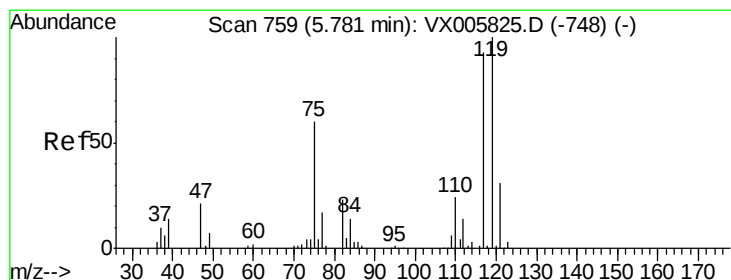
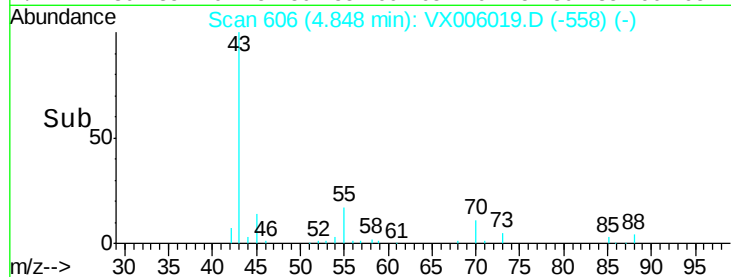
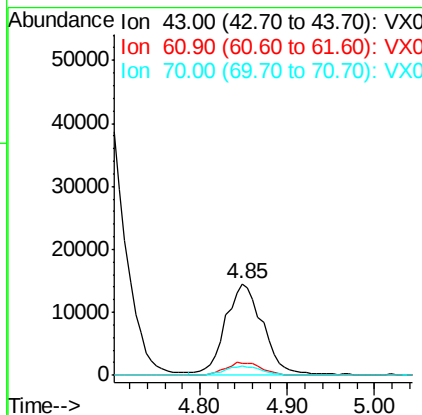
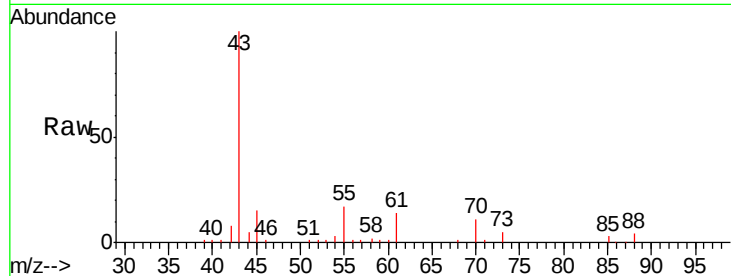
ClientSampleId :

VX1115MBS01

Tgt Ion:	43	Resp:	42470
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.8	16.2
70	10.3	7.8	11.8

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#38

Carbon Tetrachloride

Concen: 15.67 ug/l

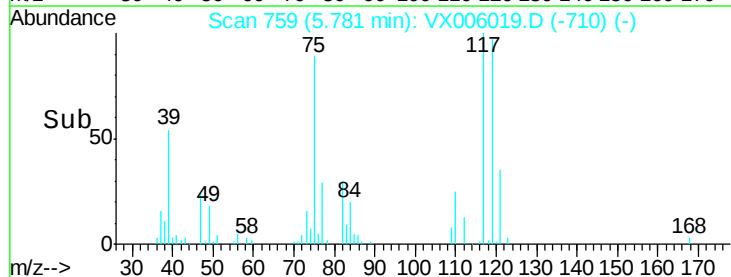
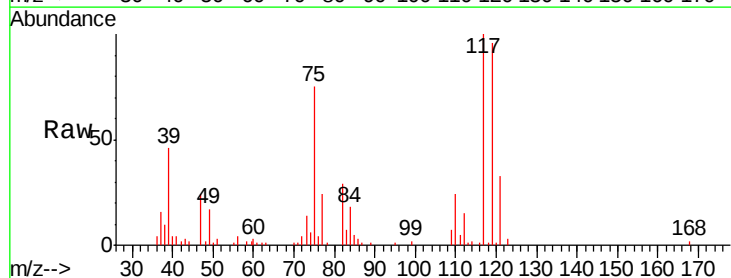
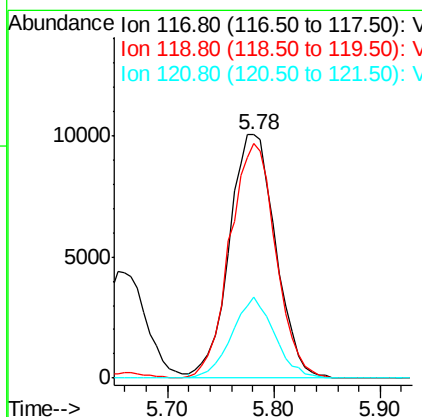
RT: 5.78 min Scan# 759

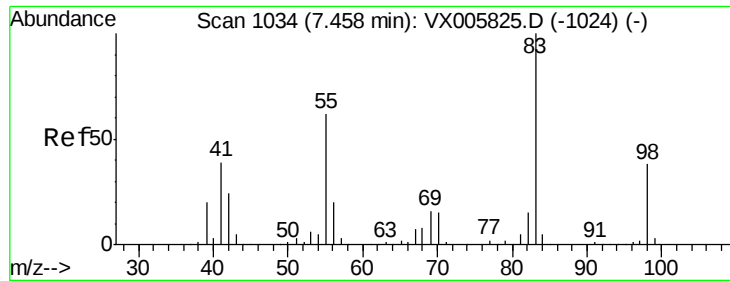
Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Tgt Ion:	117	Resp:	30618
Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.1	117.1
121	33.2	24.6	36.8





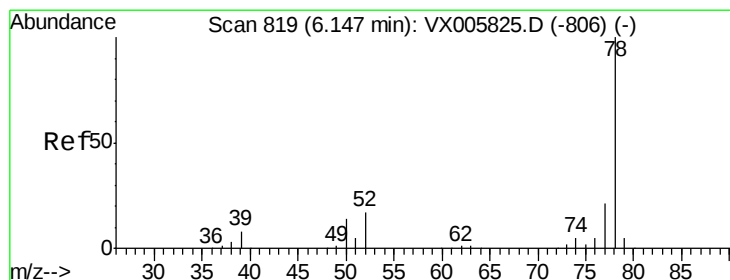
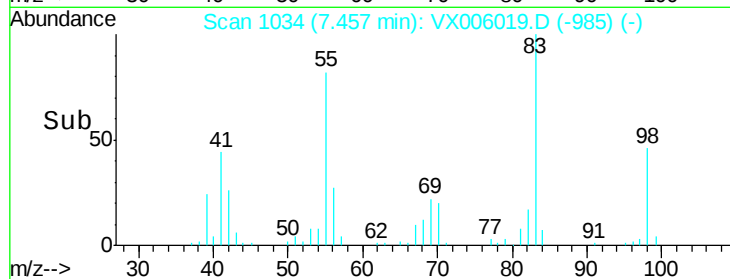
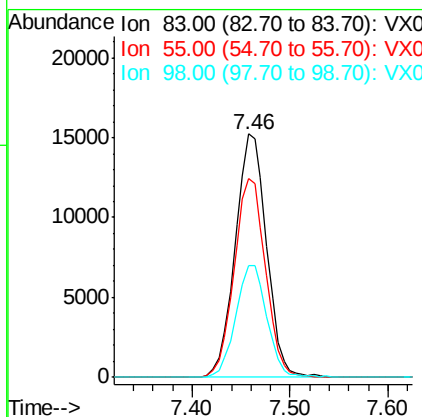
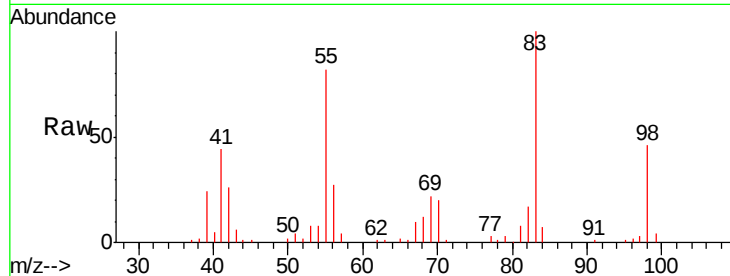
#39
Methylcyclohexane
Concen: 17.14 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.6	63.7	95.5
98	46.0	36.2	54.2

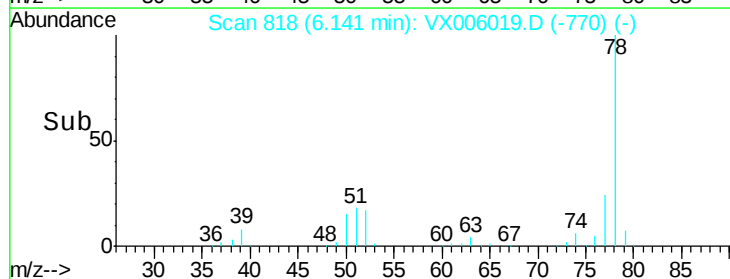
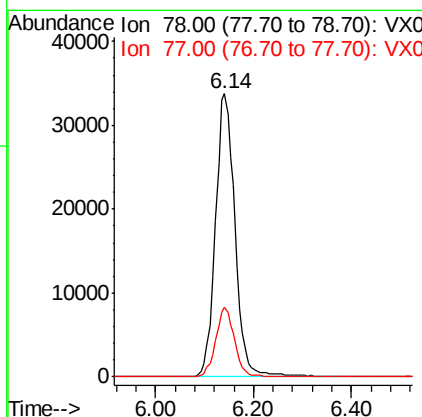
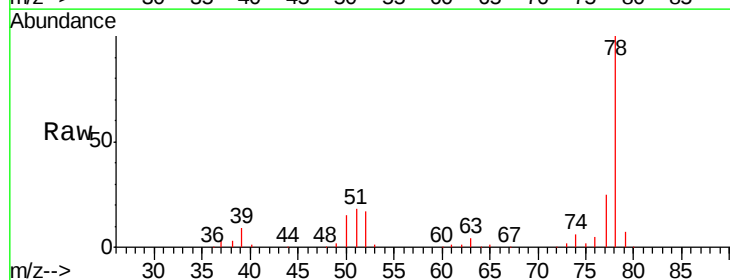
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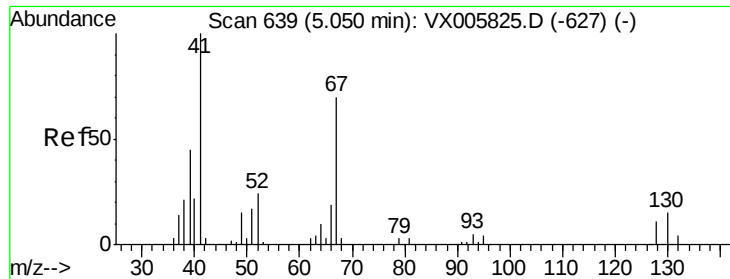
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#40
Benzene
Concen: 16.37 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.4	27.6





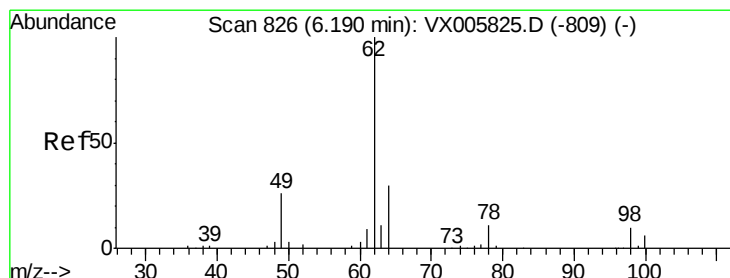
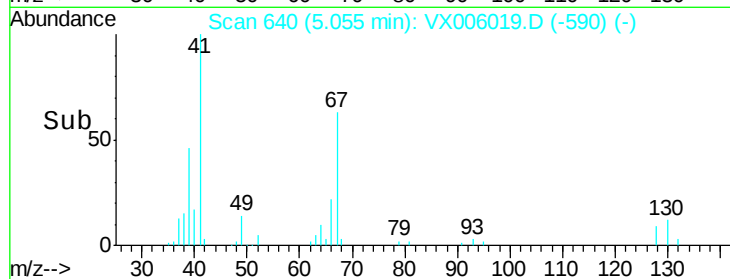
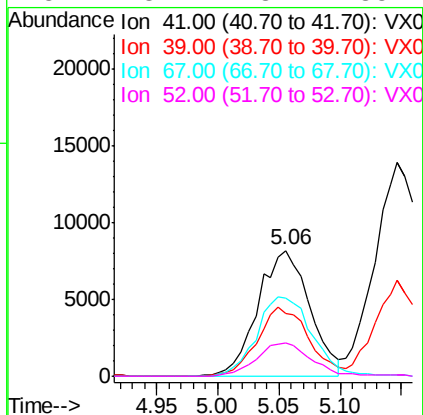
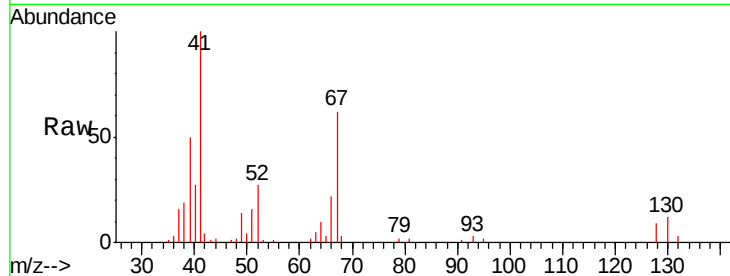
#41
Methacrylonitrile
Concen: 17.41 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.8	42.2	63.2	
67	67.5	53.4	80.0	
52	28.2	23.4	35.2	

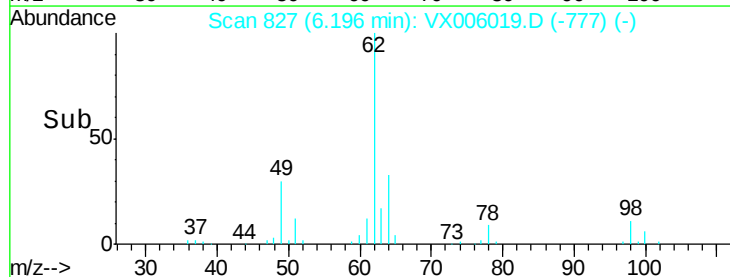
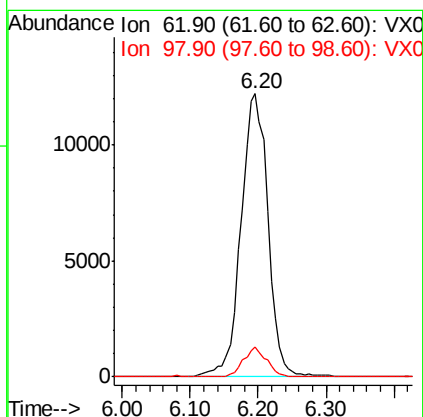
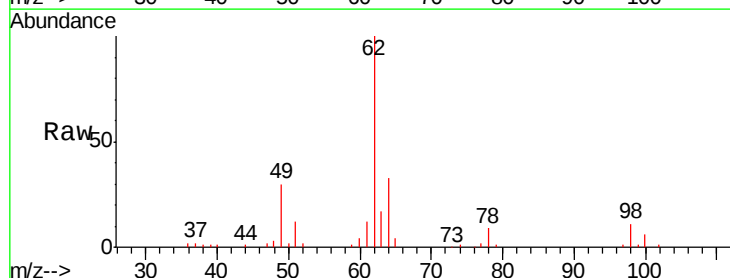
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#42
1,2-Dichloroethane
Concen: 16.48 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.8	





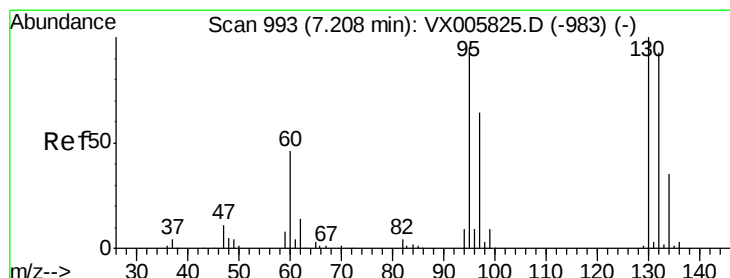
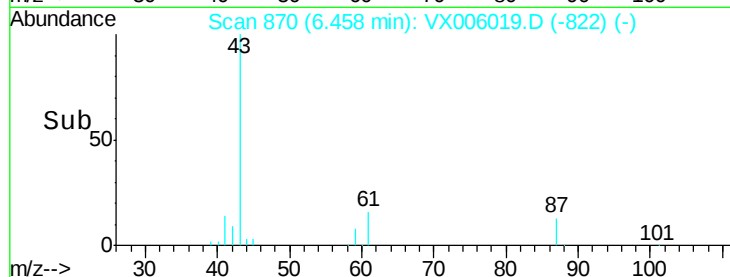
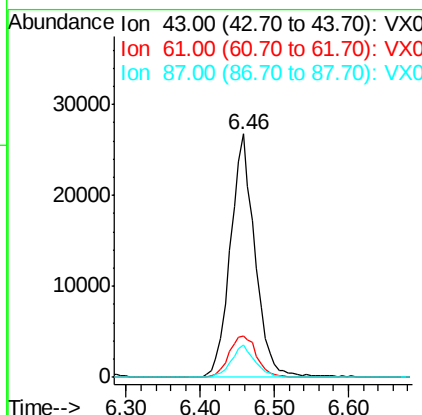
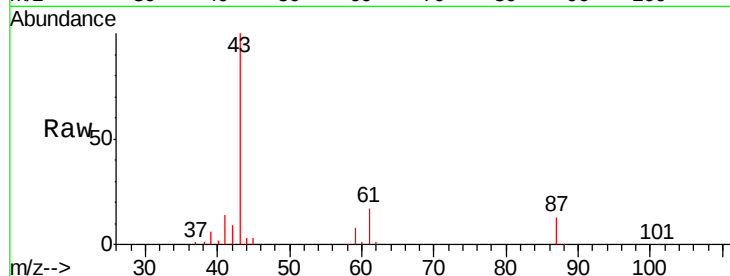
#43
Isopropyl Acetate
Concen: 16.69 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.6	22.0
87	12.7	9.6	14.4

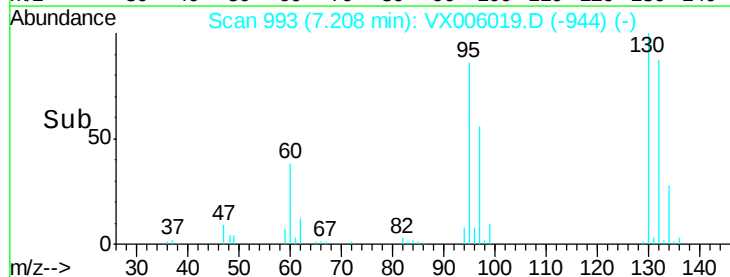
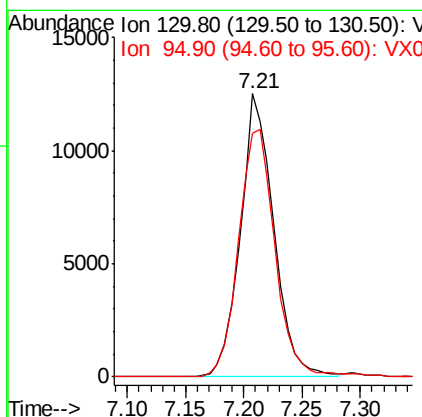
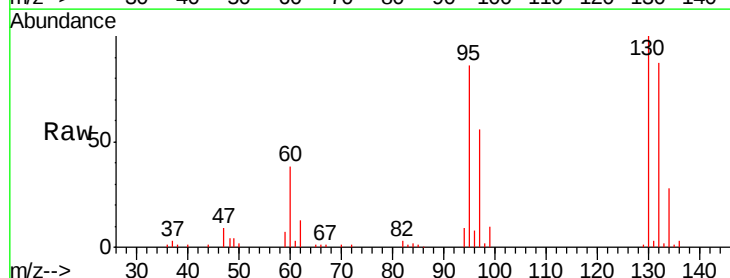
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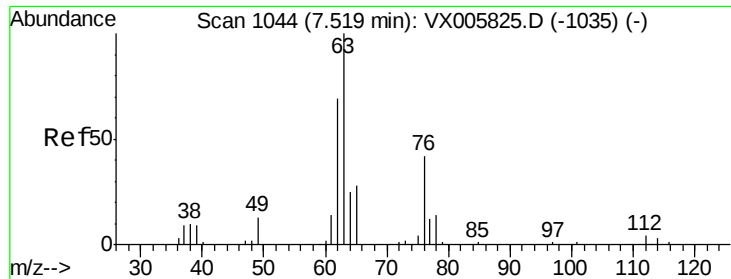
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#44
Trichloroethene
Concen: 17.33 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.3	0.0	194.2





#45

1,2-Dichloropropane

Concen: 18.42 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1115MBS01

Tgt Ion: 63 Resp: 25437

Ion Ratio Lower Upper

63 100

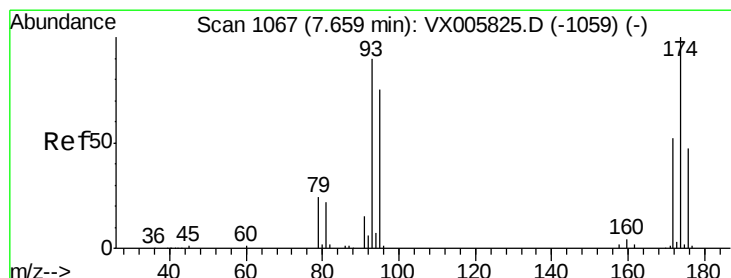
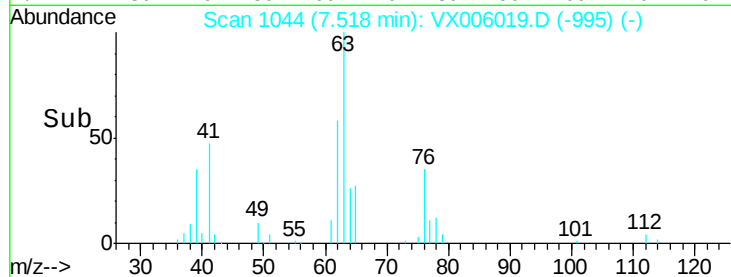
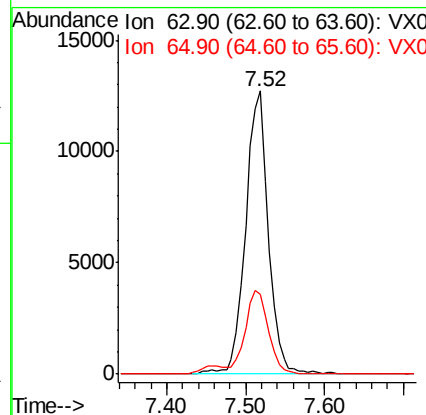
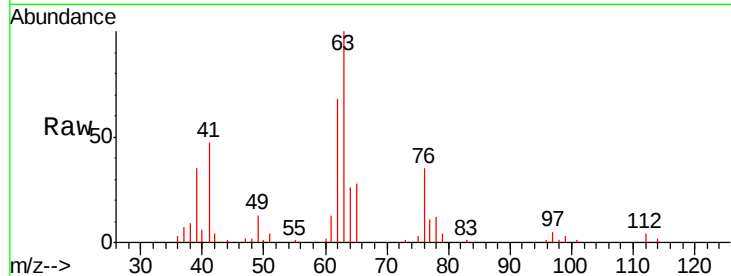
65 28.3 24.8 37.2

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#46

Dibromomethane

Concen: 18.09 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

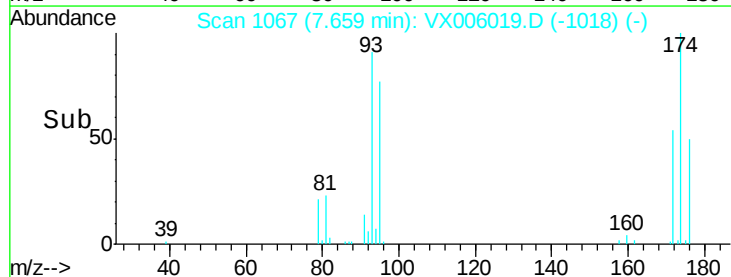
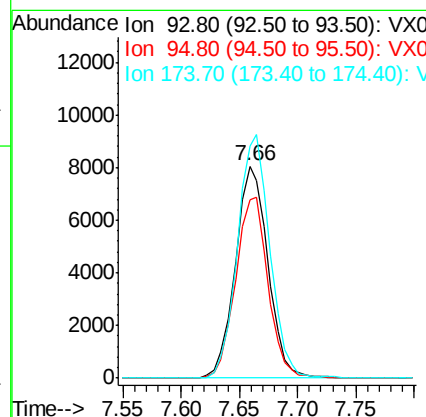
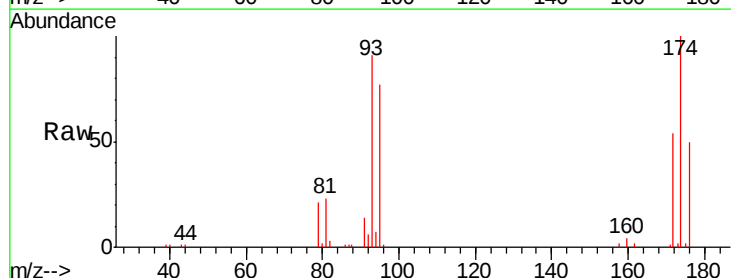
Tgt Ion: 93 Resp: 15682

Ion Ratio Lower Upper

93 100

95 85.0 67.4 101.0

174 114.3 91.5 137.3





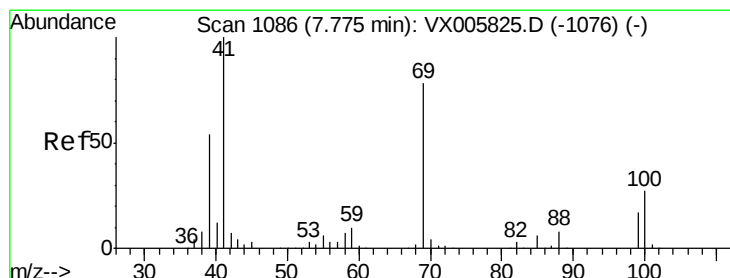
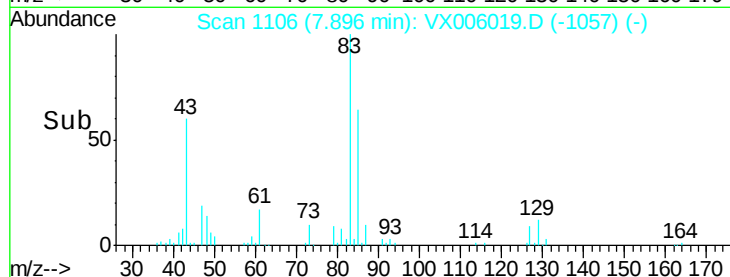
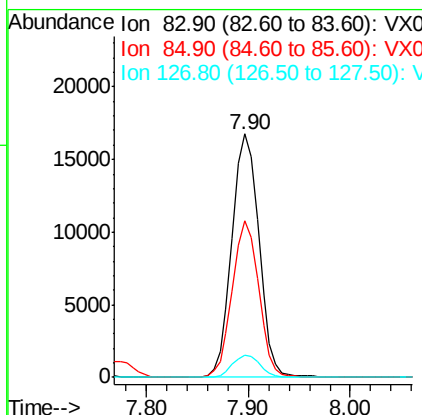
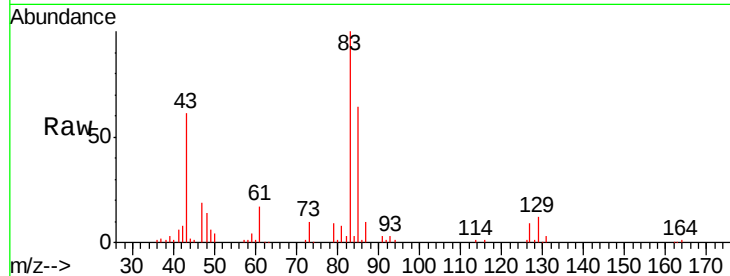
#47
 Bromodichloromethane
 Concen: 18.83 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115MBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.2	75.4
127	8.9	6.9	10.3

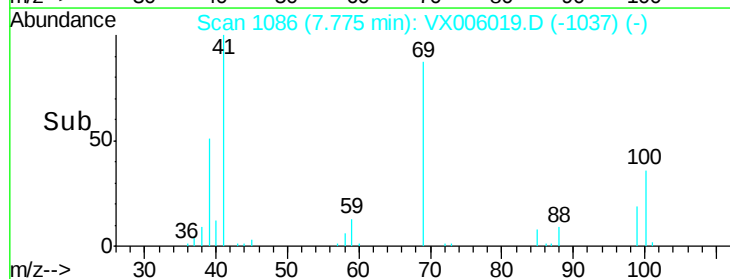
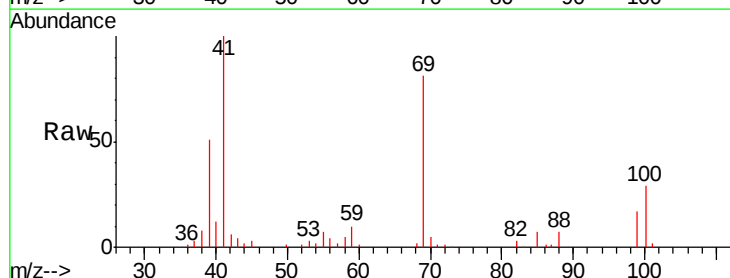
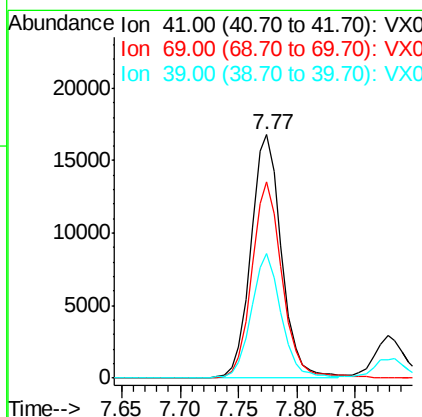
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#48
 Methyl methacrylate
 Concen: 18.38 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.9	63.2	94.8
39	50.2	42.2	63.2





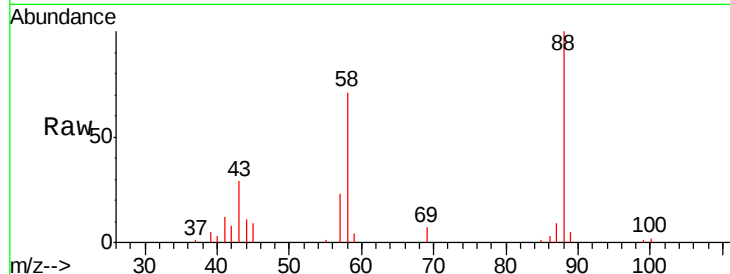
#49
1,4-Dioxane
Concen: 350.23 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

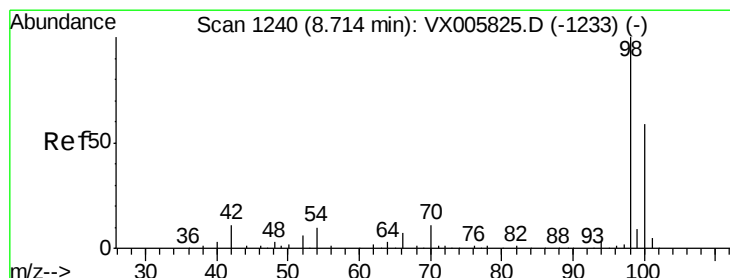
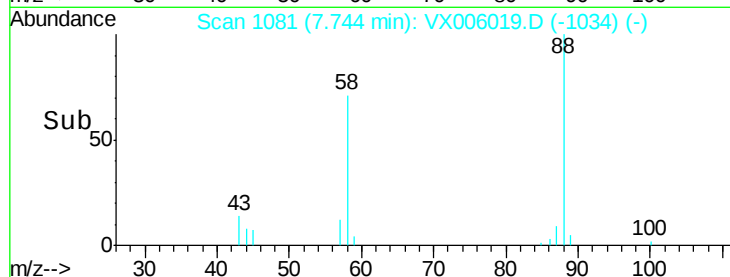
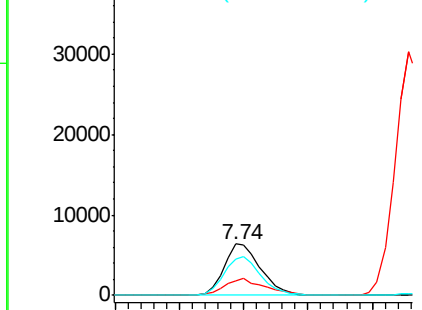
Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.3	27.4	41.0
58	75.6	59.4	89.2

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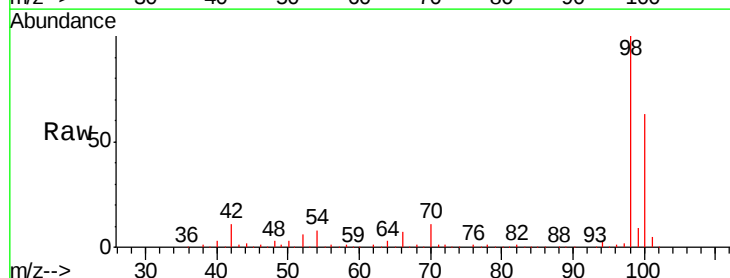


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

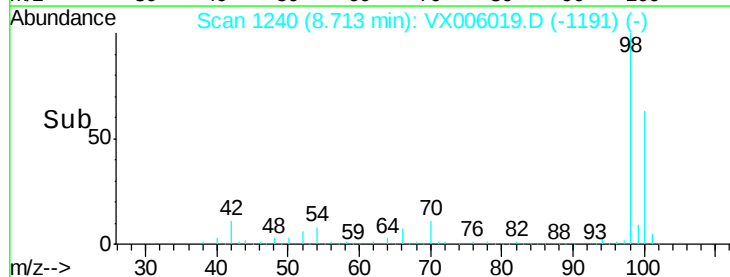
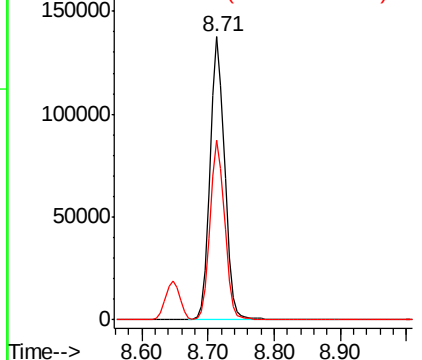


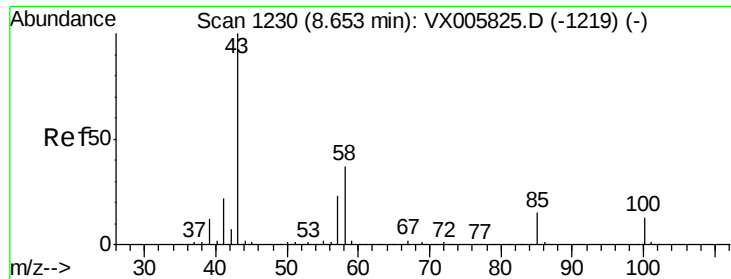
#50
Toluene-d8
Concen: 46.03 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.3	76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 89.18 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1115MBS01

Tgt Ion: 43 Resp: 209053

Ion Ratio Lower Upper

43 100

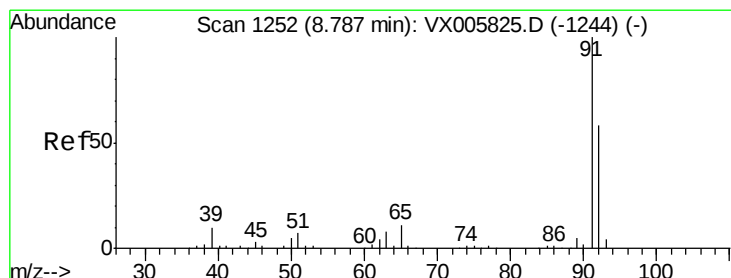
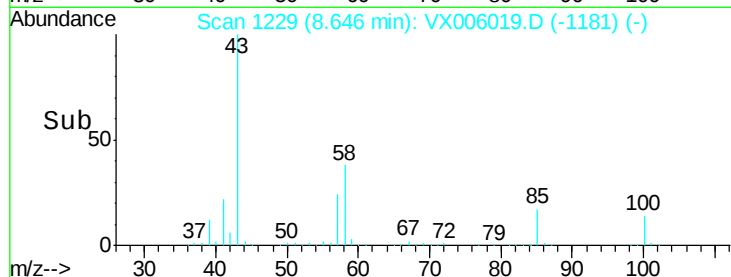
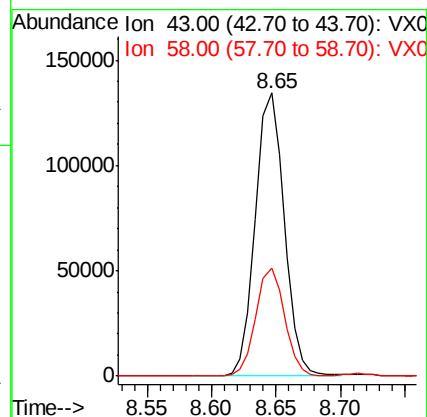
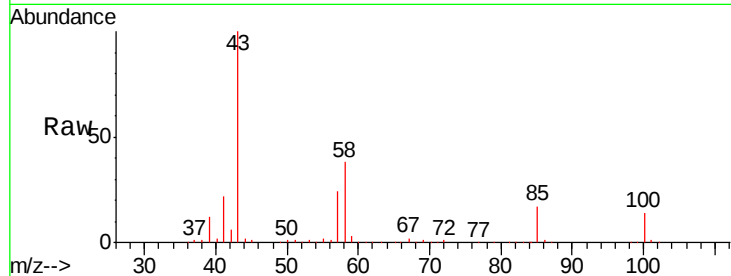
58 37.9 29.7 44.5

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#52

Toluene

Concen: 17.89 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006019.D

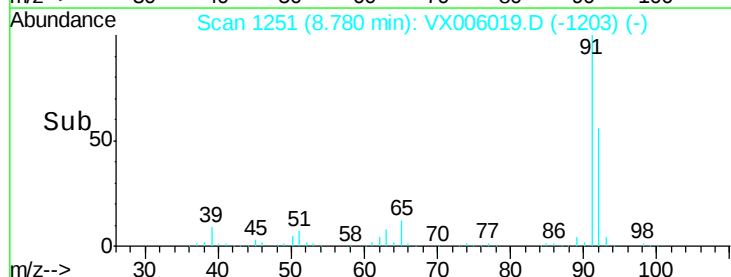
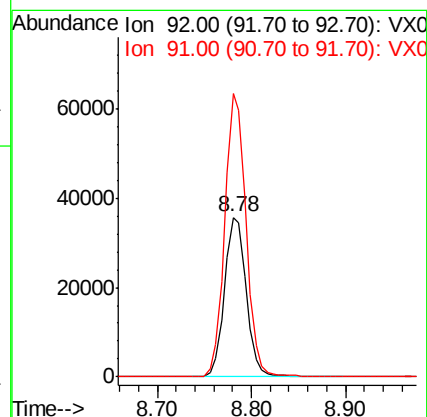
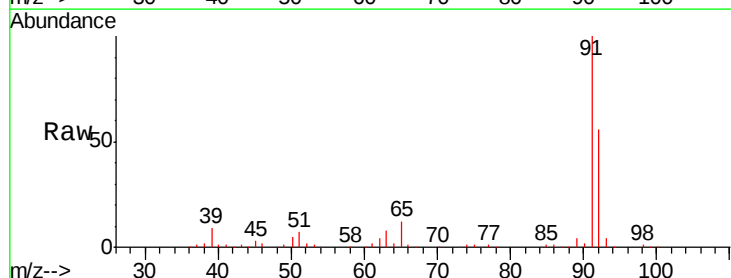
Acq: 15 Nov 2018 14:54

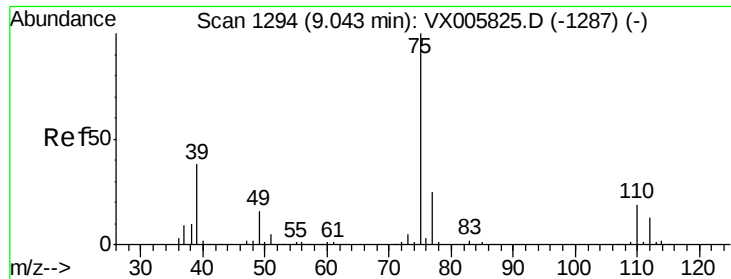
Tgt Ion: 92 Resp: 56904

Ion Ratio Lower Upper

92 100

91 174.5 140.4 210.6





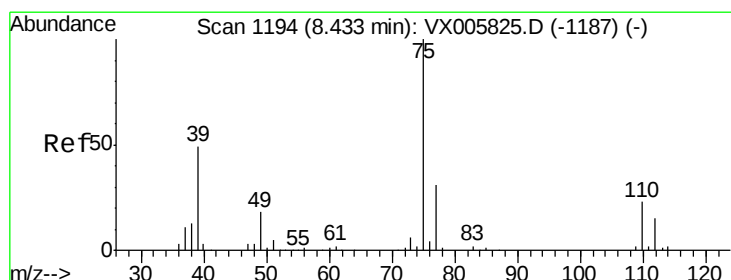
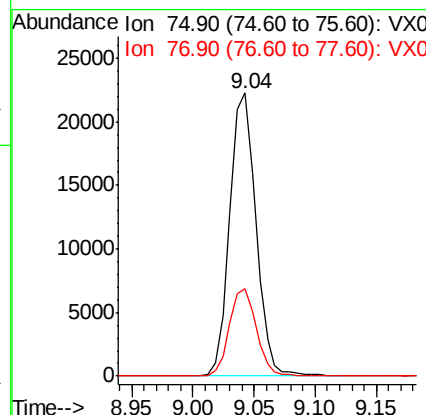
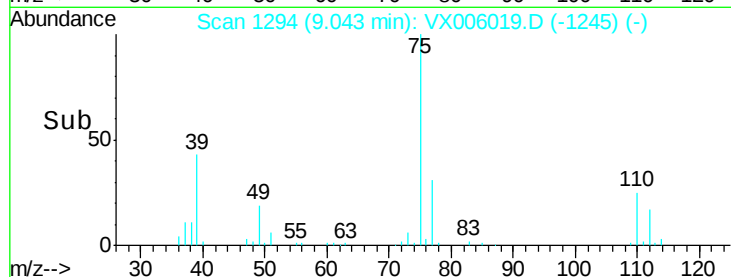
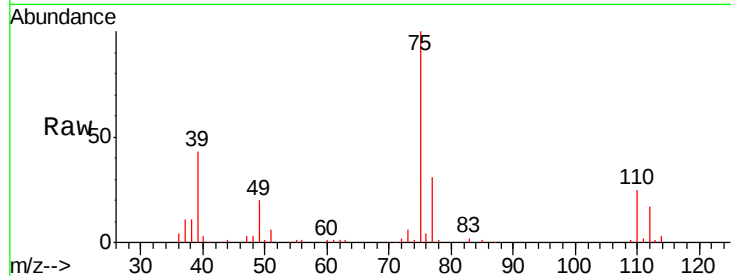
#53
t-1,3-Dichloropropene
Concen: 17.13 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

Tgt Ion: 75 Resp: 33115
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2

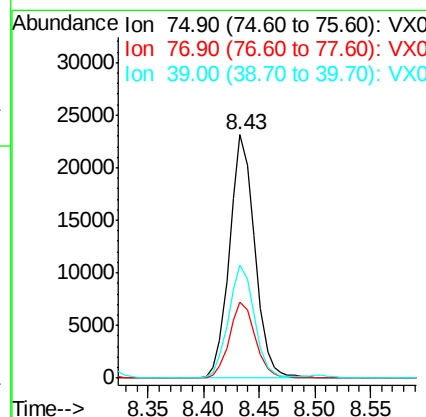
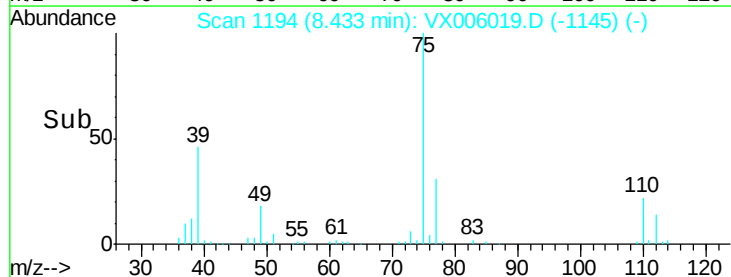
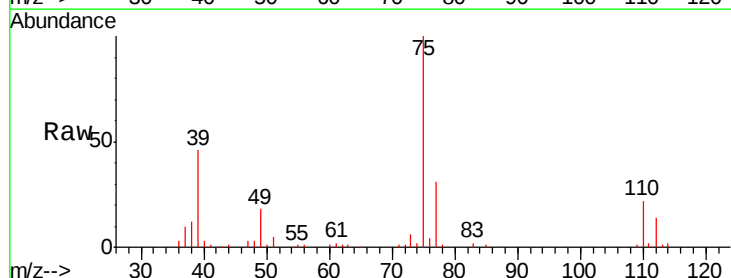
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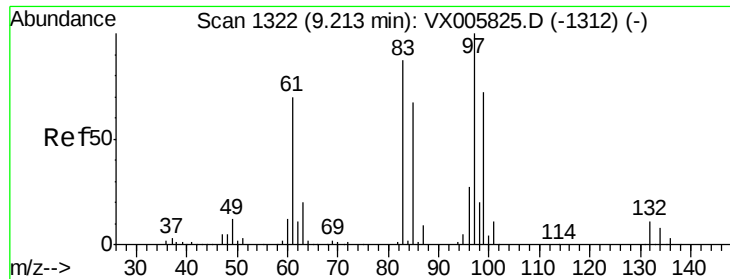
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#54
cis-1,3-Dichloropropene
Concen: 18.53 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion: 75 Resp: 36501
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 46.4 38.2 57.2





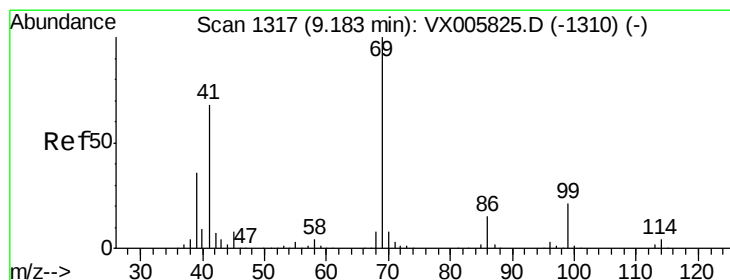
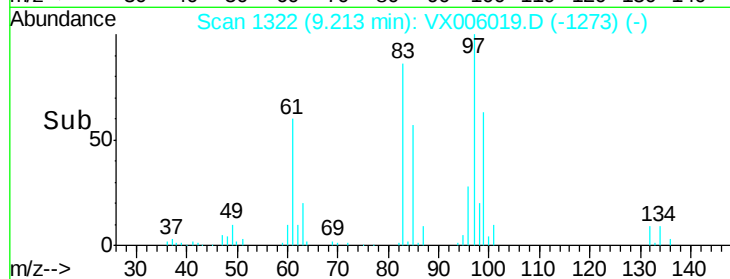
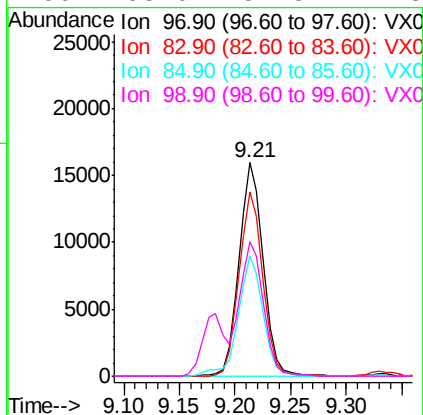
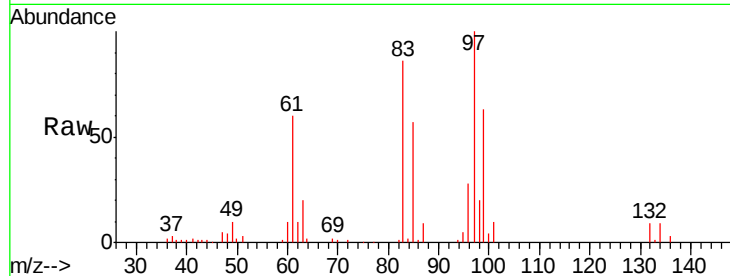
#55
 1,1,2-Trichloroethane
 Concen: 16.93 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115MBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.7	106.1
85	56.6	45.8	68.6
99	63.0	51.8	77.8

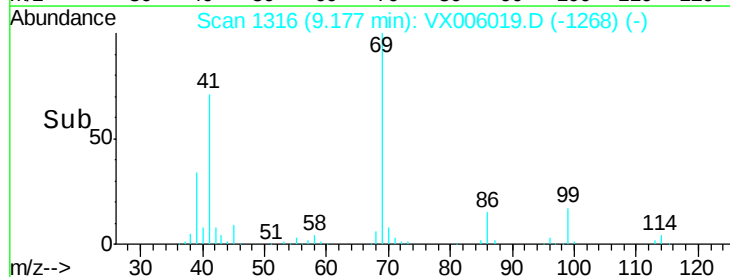
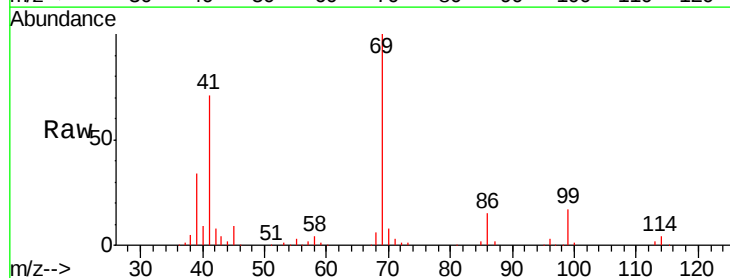
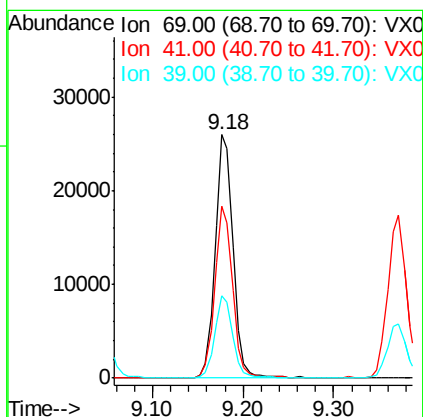
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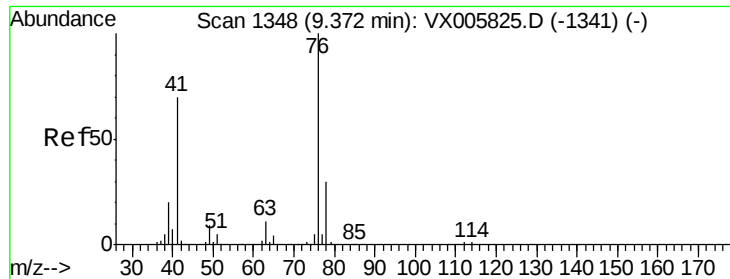
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#56
 Ethyl methacrylate
 Concen: 17.03 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.7	57.0	85.6
39	34.2	28.3	42.5





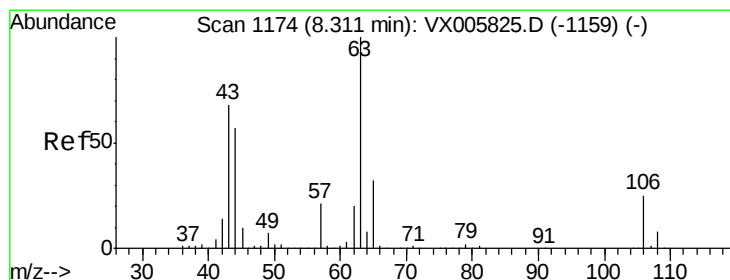
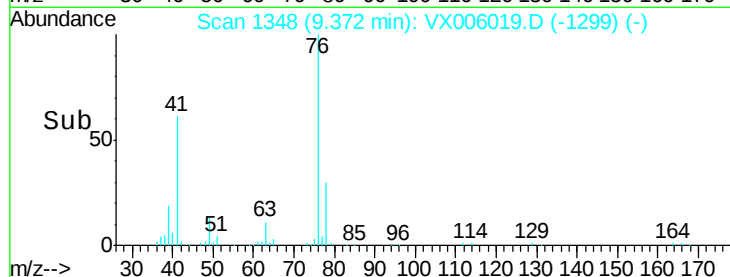
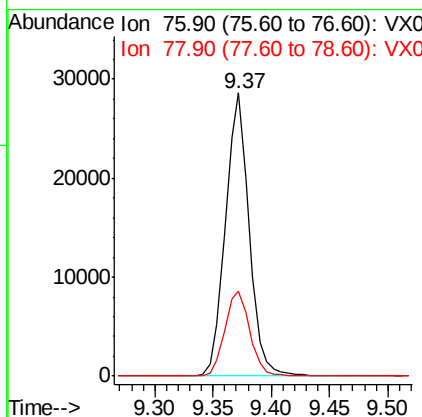
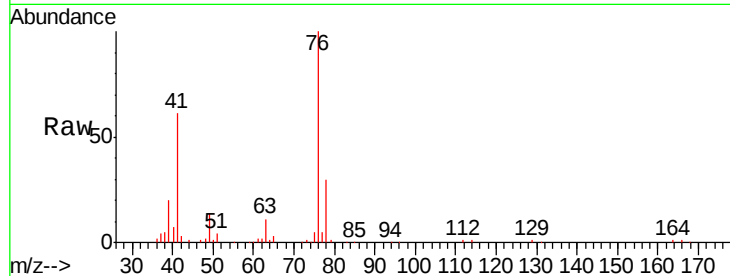
#57
 1,3-Dichloropropane
 Concen: 16.87 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115MBS01

Tgt Ion: 76 Resp: 40182
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.3 37.9

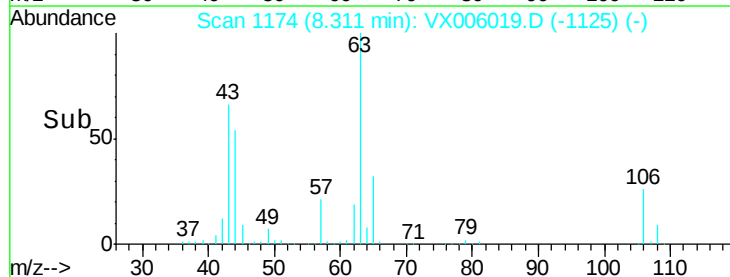
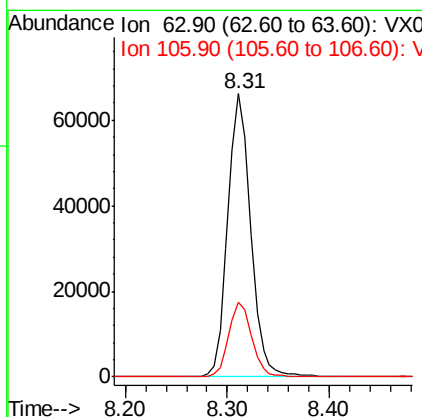
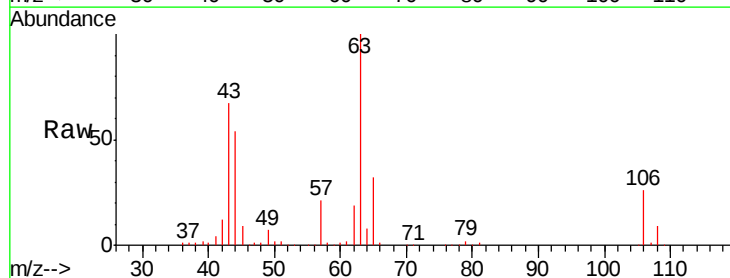
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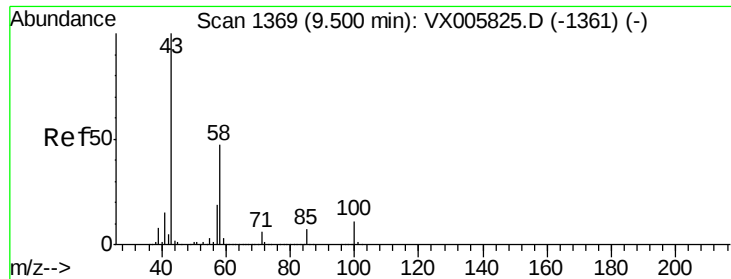
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#58
 2-Chloroethyl Vinyl ether
 Concen: 94.70 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Tgt Ion: 63 Resp: 103300
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.3 31.9





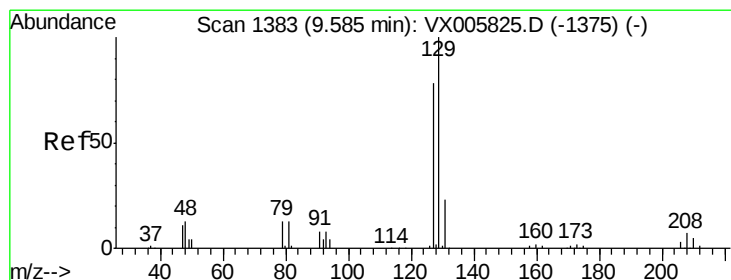
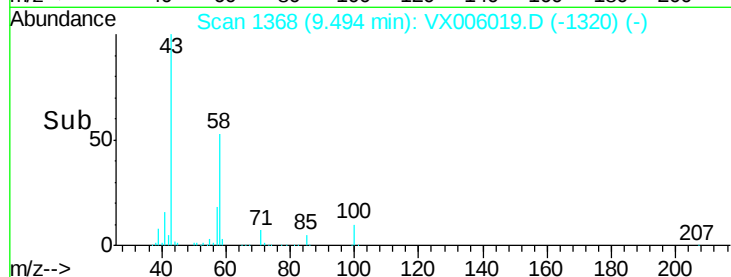
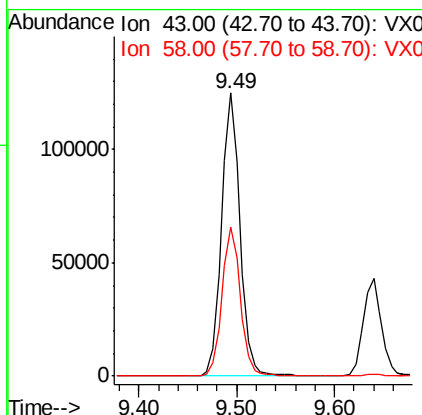
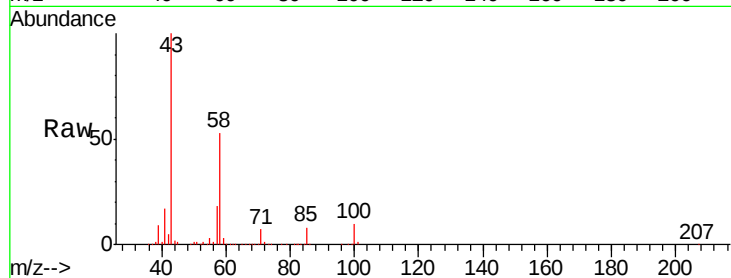
#59
2-Hexanone
Concen: 79.20 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

Tgt Ion: 43 Resp: 163661
Ion Ratio Lower Upper
43 100
58 52.6 25.9 77.8

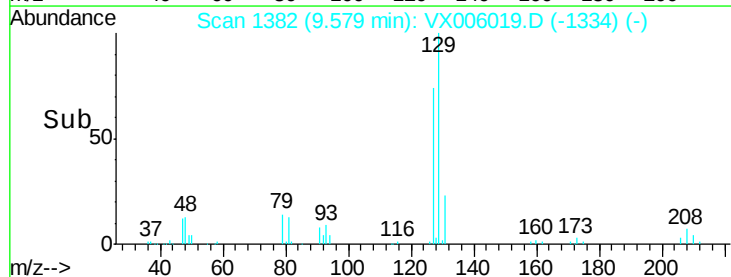
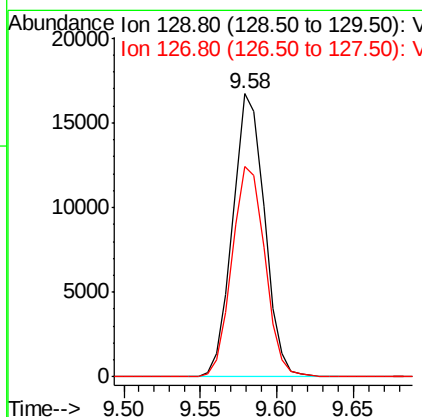
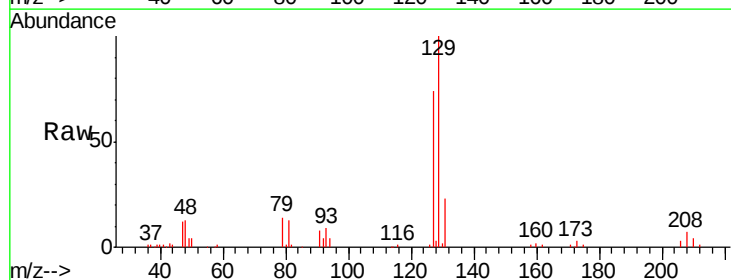
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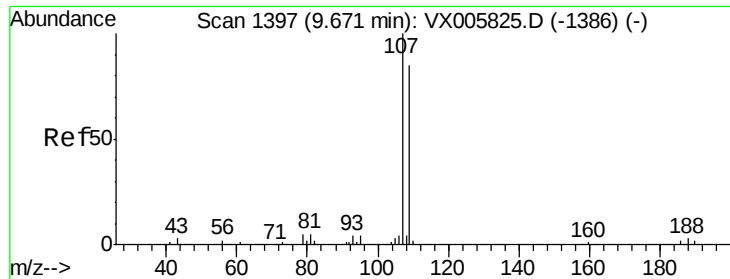
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#60
Dibromochloromethane
Concen: 15.83 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion: 129 Resp: 24254
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





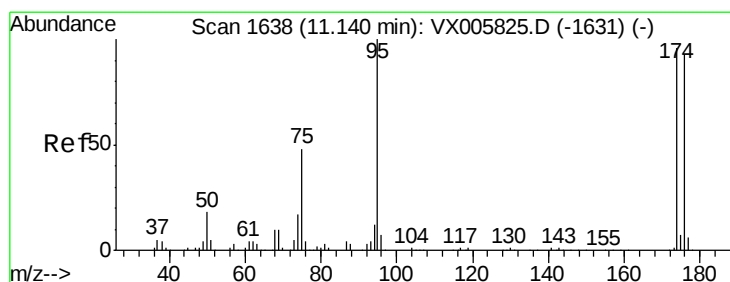
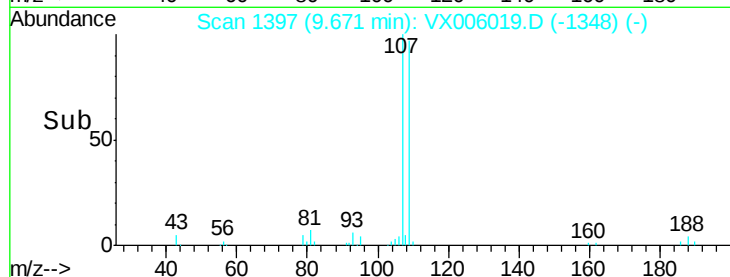
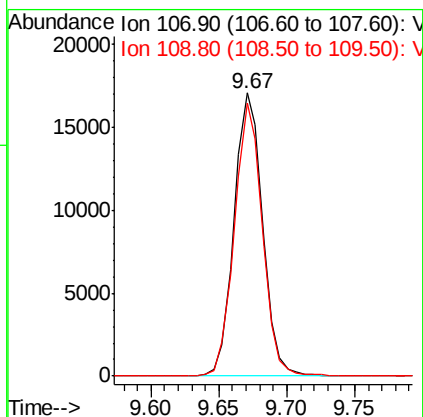
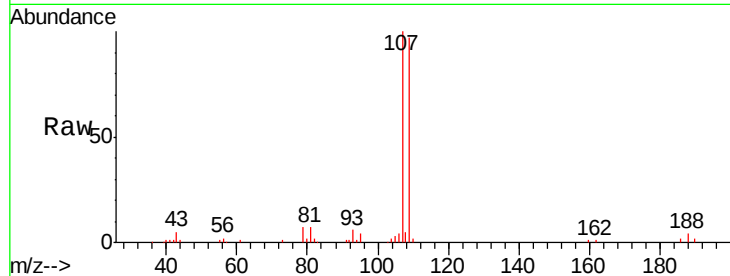
#61
 1,2-Dibromoethane
 Concen: 15.91 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115MBS01

Tgt Ion: 107 Resp: 24937
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.7 113.5

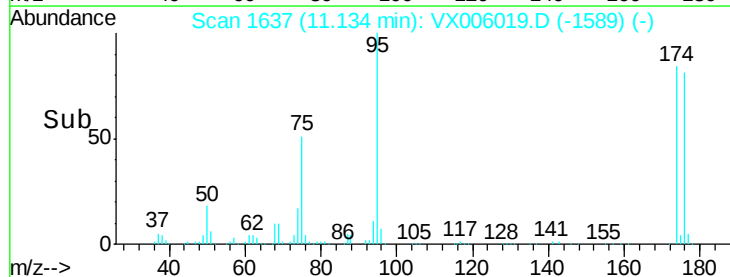
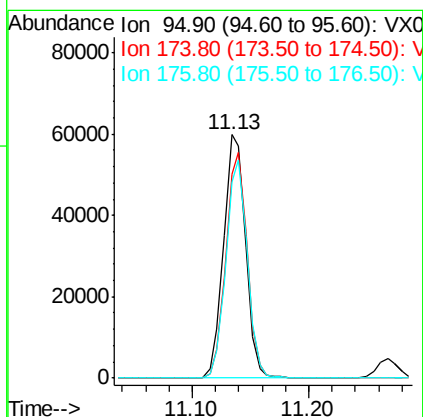
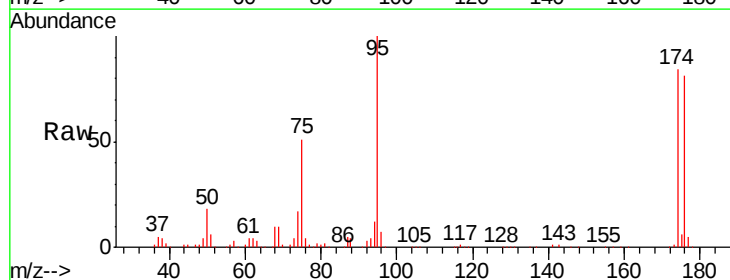
Manual Integrations
 APPROVED

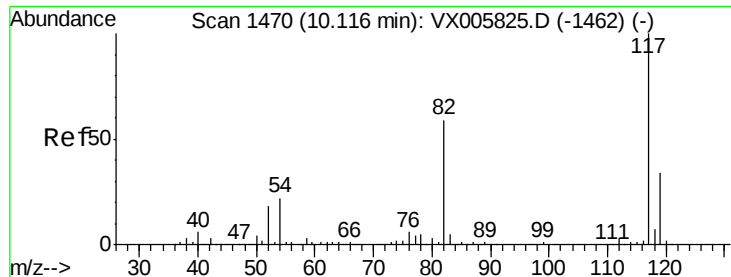
MMDadoda
 11/16/2018 10:41:04 AM



#62
 4-Bromofluorobenzene
 Concen: 47.45 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Tgt Ion: 95 Resp: 78119
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 184.4
 176 87.6 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

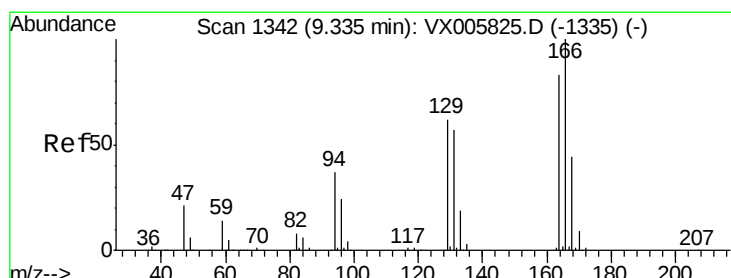
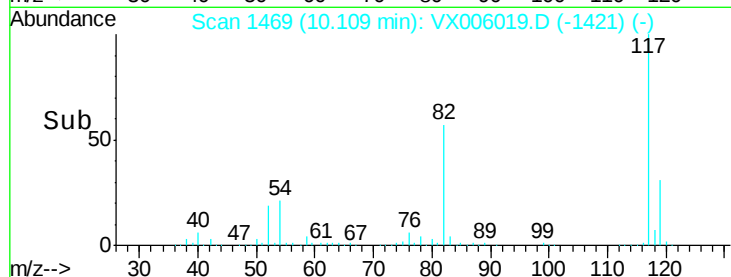
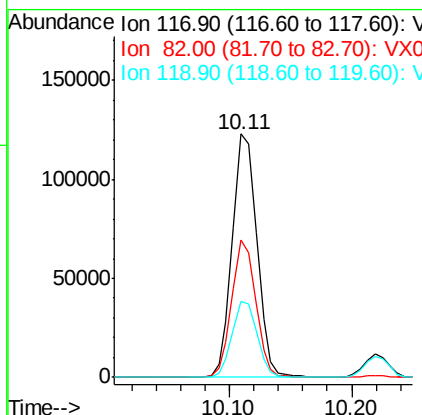
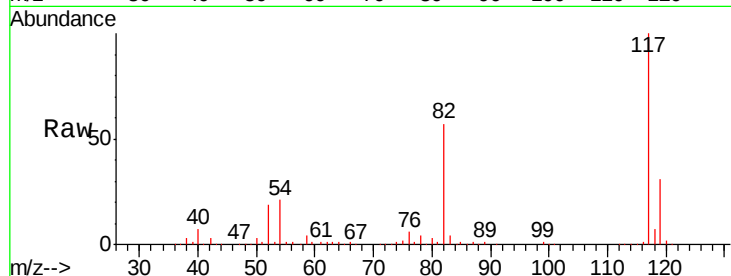
ClientSampleId :

VX1115MBS01

Tgt Ion:	117	Resp:	171213
Ion Ratio	Lower	Upper	
117	100		
82	56.7	44.1	66.1
119	31.3	26.2	39.2

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11/16/2018 10:41:04 AM



#64

Tetrachloroethene

Concen: 17.74 ug/l

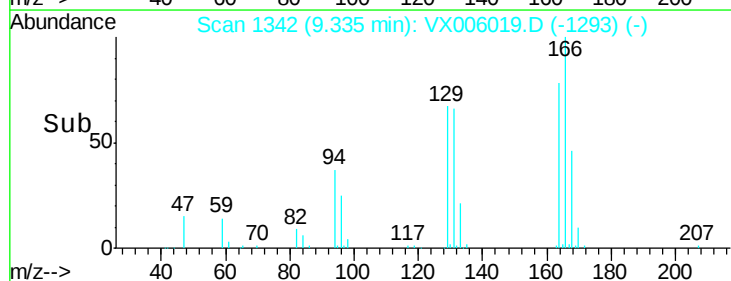
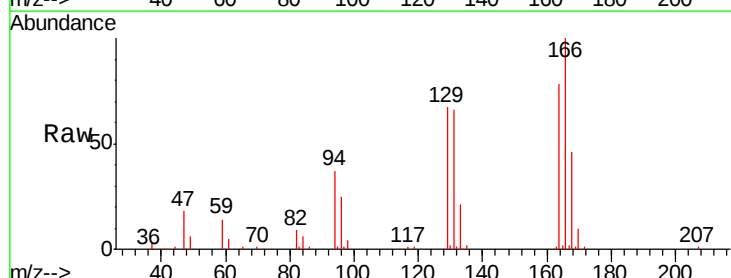
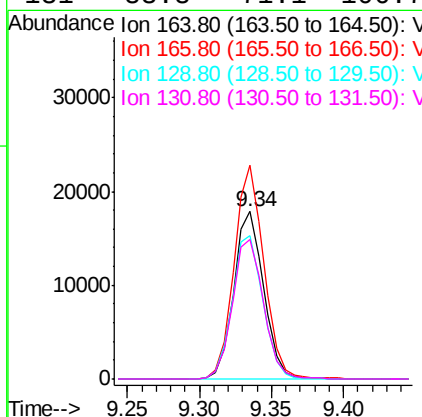
RT: 9.34 min Scan# 1342

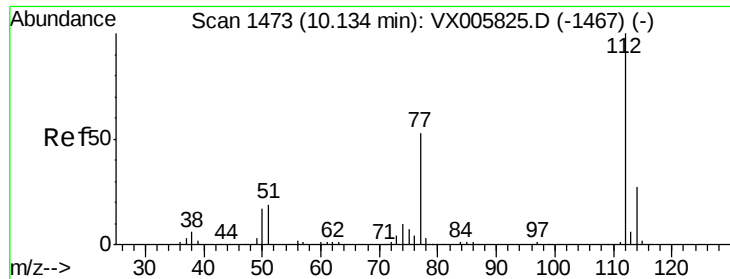
Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Tgt Ion:	164	Resp:	25863
Ion Ratio	Lower	Upper	
164	100		
166	127.8	101.9	152.9
129	86.0	72.6	109.0
131	83.8	71.1	106.7





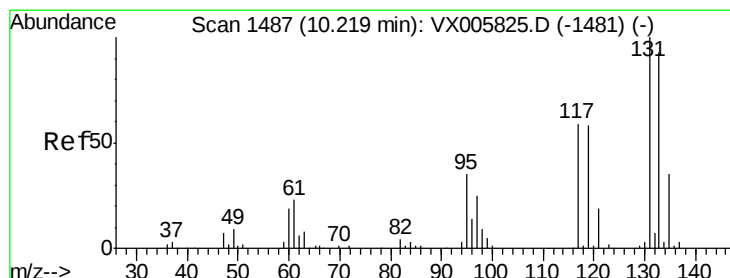
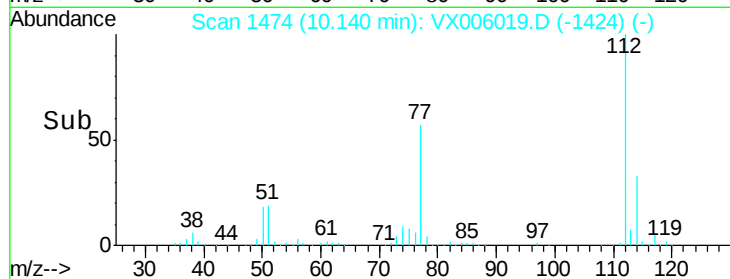
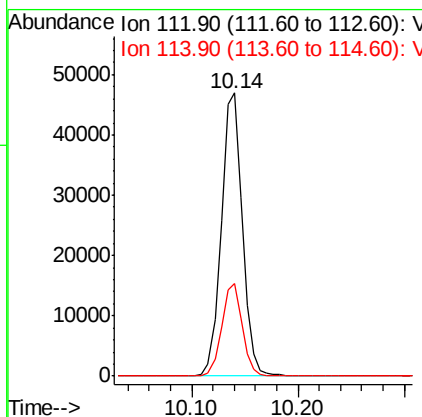
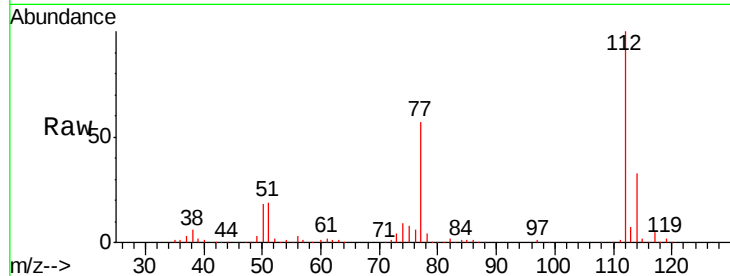
#65
Chlorobenzene
Concen: 18.91 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

Tgt Ion:112 Resp: 64854
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6

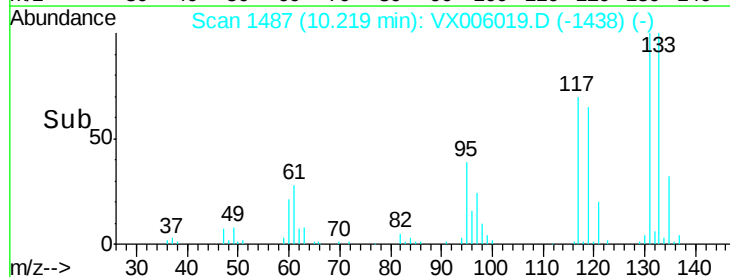
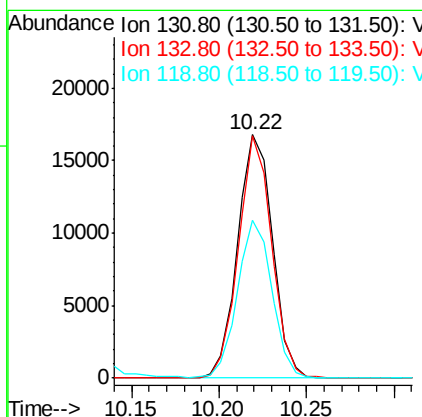
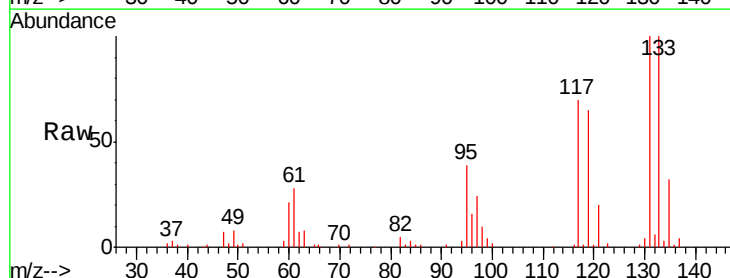
Manual Integrations
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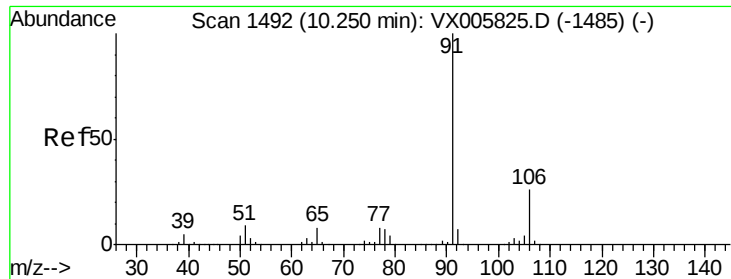
MMDadoda
11/16/2018 10:41:04 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.51 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion:131 Resp: 23268
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.5
119 64.3 31.8 95.3





#67

Ethyl Benzene

Concen: 19.80 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1115MBS01

Tgt Ion: 91 Resp: 108907

Ion Ratio Lower Upper

91 100

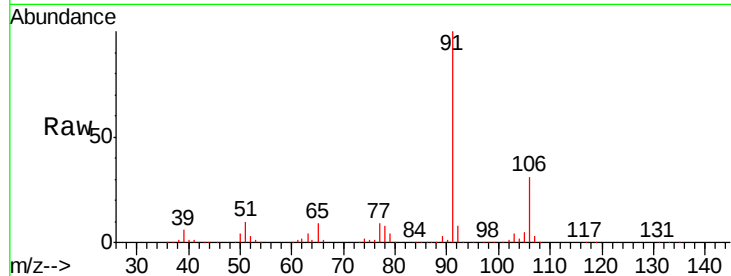
106 30.8 24.4 36.6

Manual Integrations

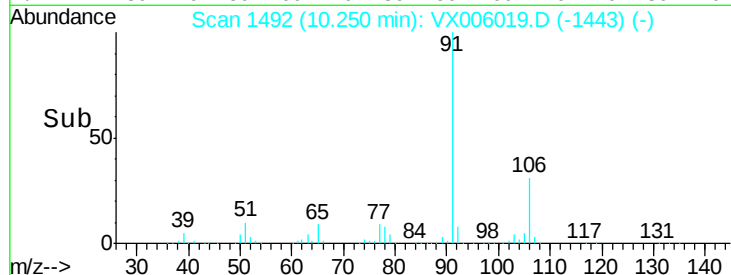
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MMDadoda

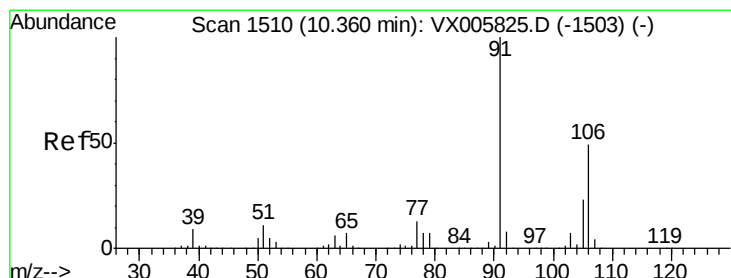
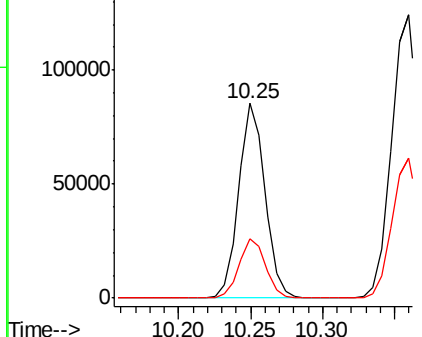
11/16/2018 10:41:04 AM



Abundance Ion 91.00 (90.70 to 91.70): VX006019.D (-1443) (-)



Ion 106.00 (105.70 to 106.70): VX006019.D (-1443) (-)



#68

m/p-Xylenes

Concen: 40.02 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006019.D

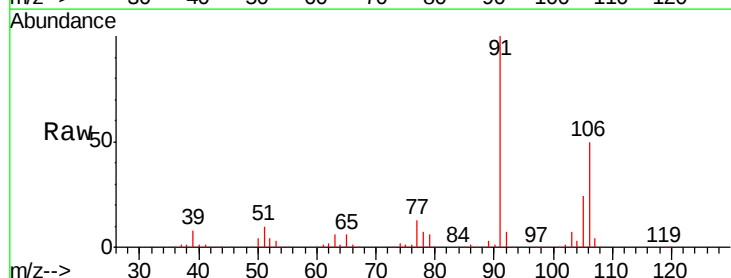
Acq: 15 Nov 2018 14:54

Tgt Ion: 106 Resp: 83965

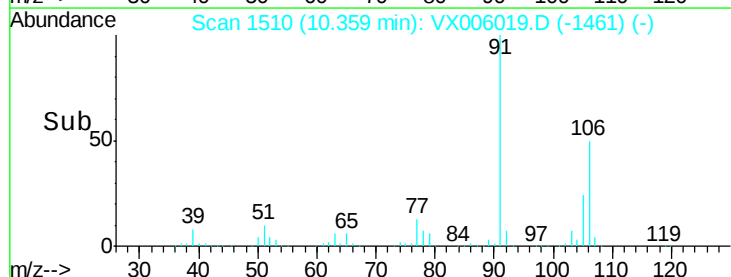
Ion Ratio Lower Upper

106 100

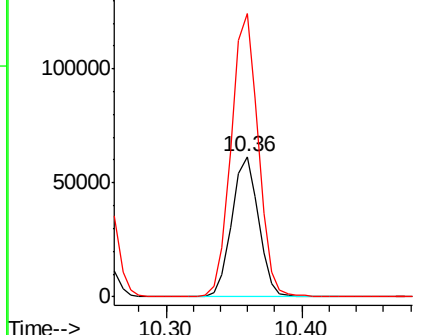
91 205.2 164.2 246.4

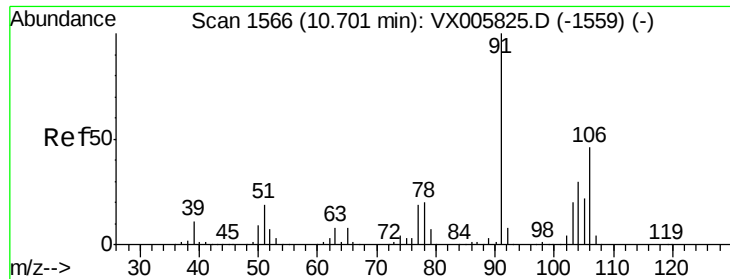


Abundance Ion 106.00 (105.70 to 106.70): VX006019.D (-1461) (-)



Ion 91.00 (90.70 to 91.70): VX006019.D (-1461) (-)





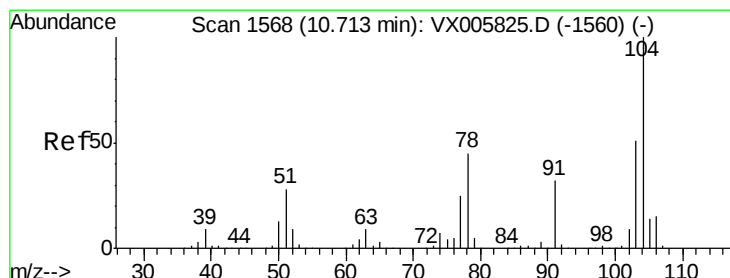
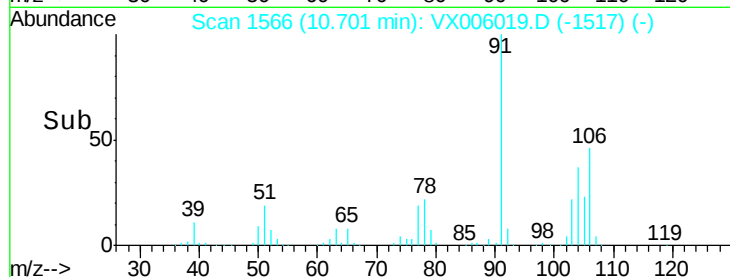
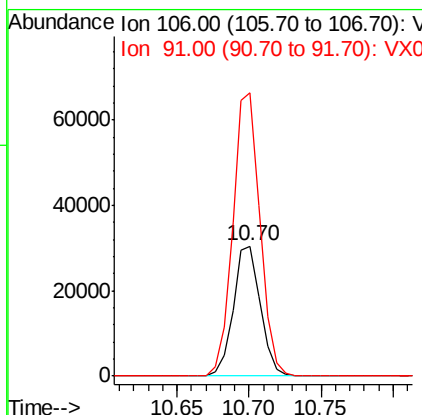
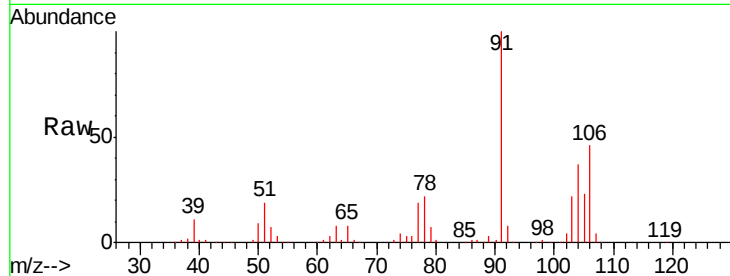
#69
o-Xylene
Concen: 21.25 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

Tgt Ion:106 Resp: 39972
Ion Ratio Lower Upper
106 100
91 219.2 108.5 325.5

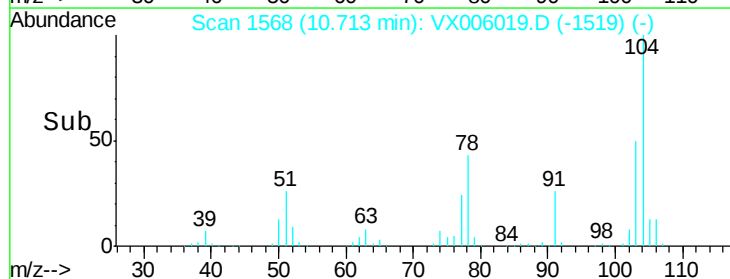
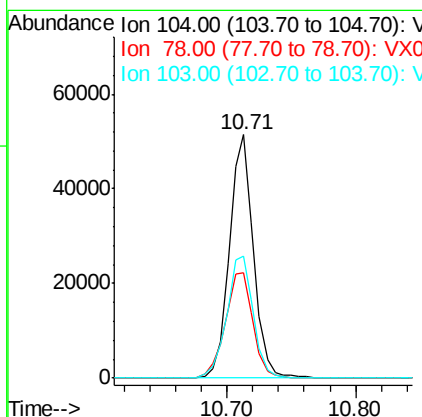
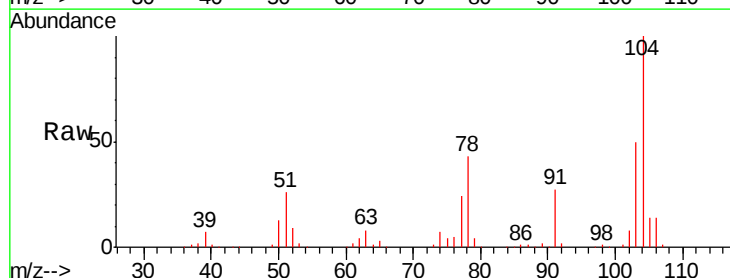
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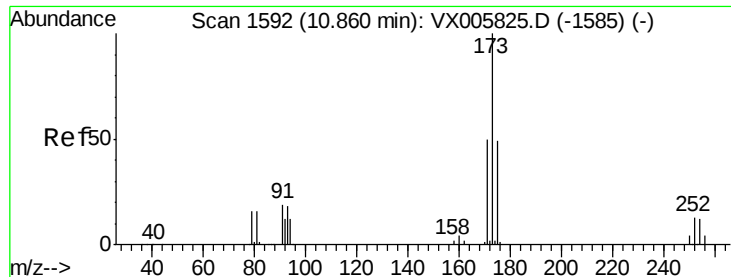
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11/16/2018 10:41:04 AM



#70
Styrene
Concen: 21.62 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion:104 Resp: 67097
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.4
103 56.2 44.9 67.3





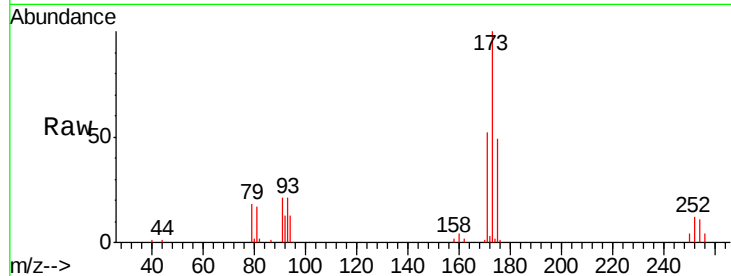
#71
Bromoform
Concen: 19.23 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

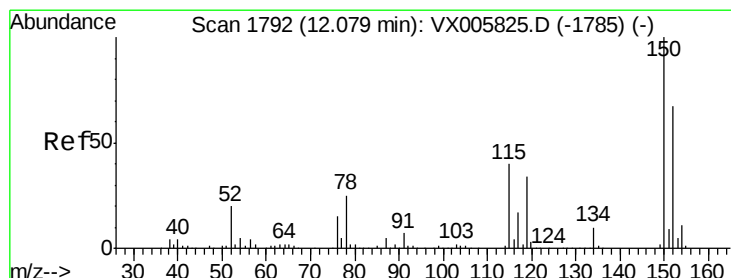
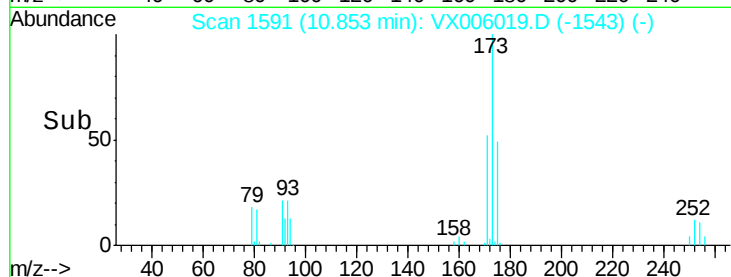
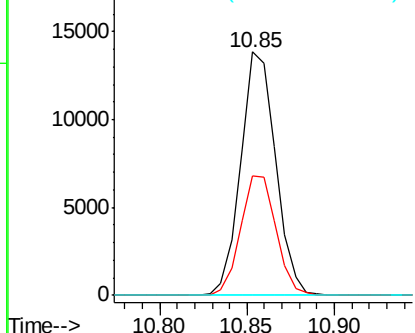
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.8	74.3
254	0.0	0.2	0.2

Manual Integrations
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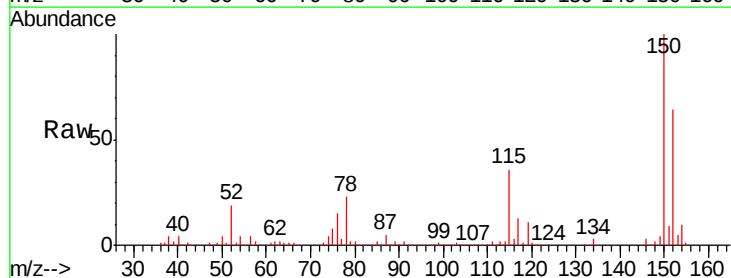


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

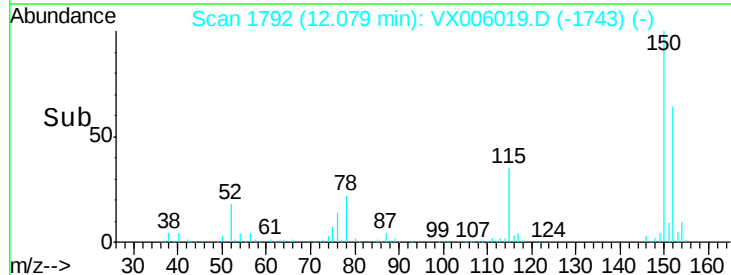
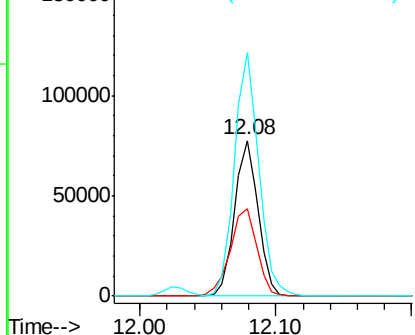


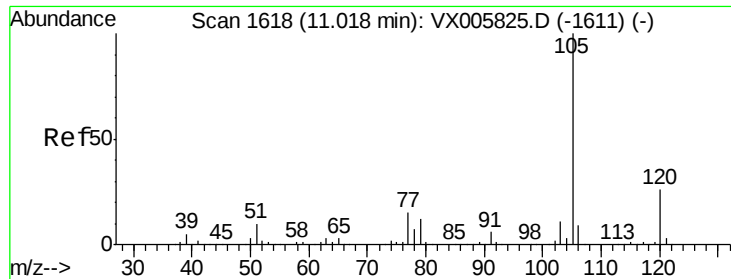
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	39.4	118.1
150	162.5	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.70 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1115MBS01

Tgt Ion: 105 Resp: 111700

Ion Ratio Lower Upper

105 100

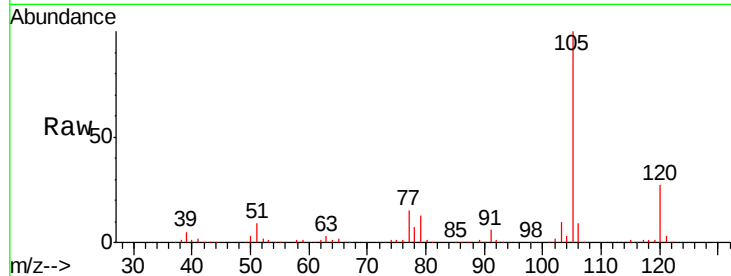
120 26.6 13.1 39.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

80000

60000

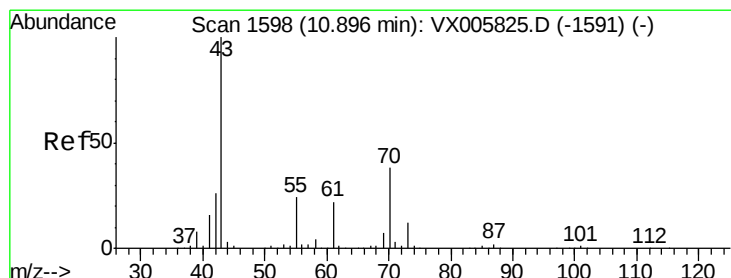
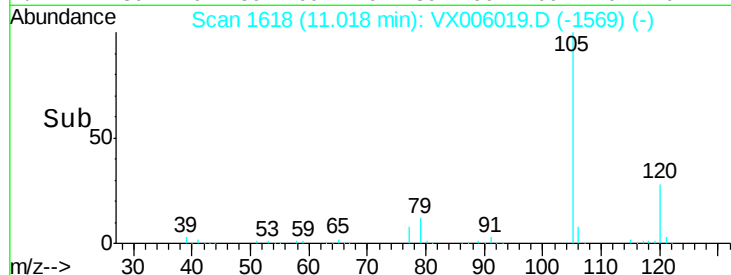
40000

20000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 18.31 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Tgt Ion: 43 Resp: 52953

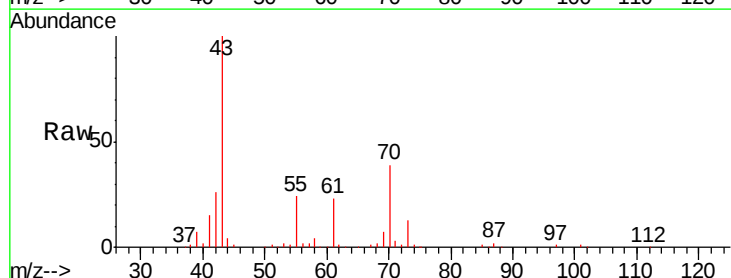
Ion Ratio Lower Upper

43 100

70 39.8 31.6 47.4

55 24.4 19.7 29.5

61 23.0 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

10.90

60000

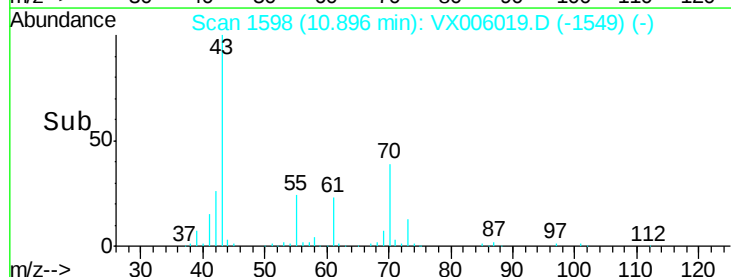
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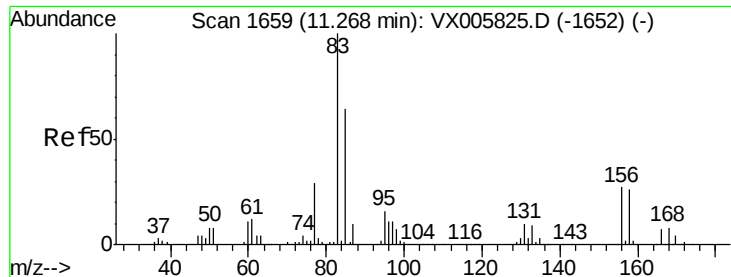
20000

0

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.35 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

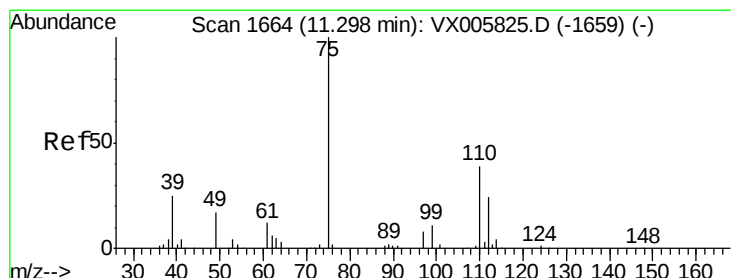
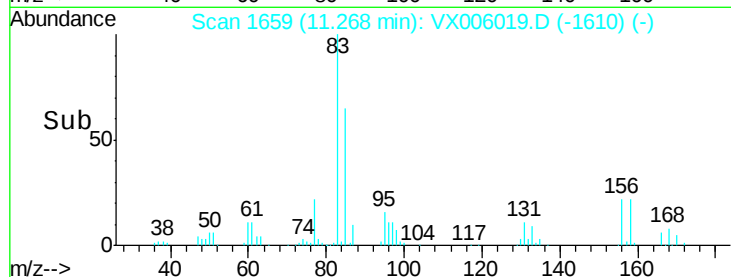
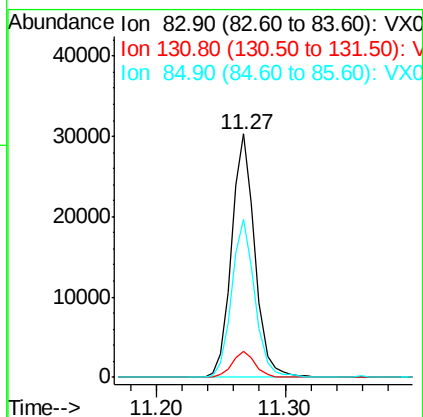
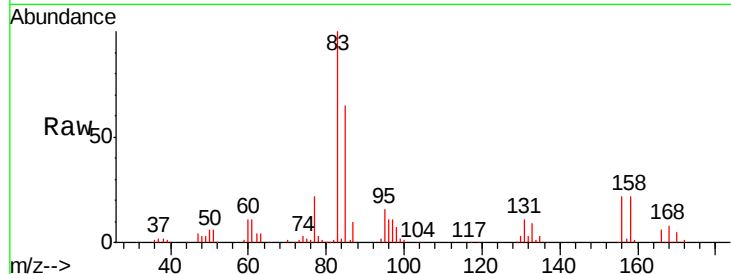
ClientSampleId :

VX1115MBS01

Tgt Ion:	83	Resp:	38318
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	15.9
85	64.4	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.23 ug/l m

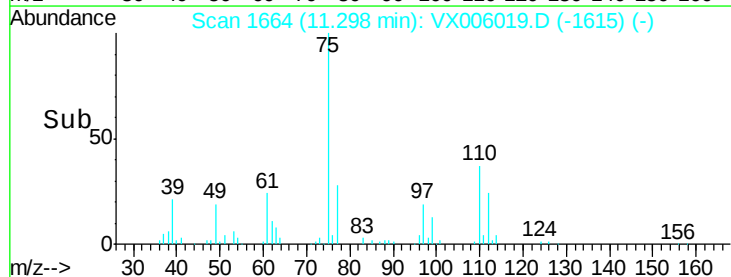
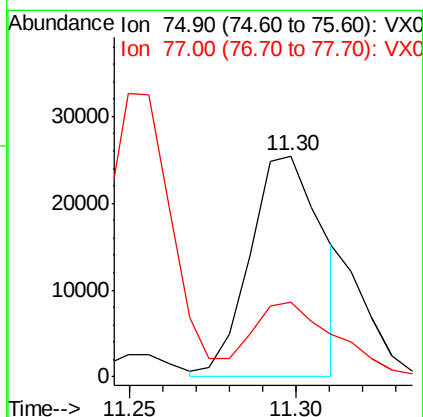
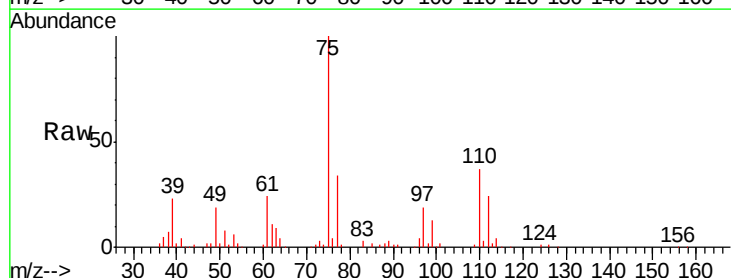
RT: 11.30 min Scan# 1664

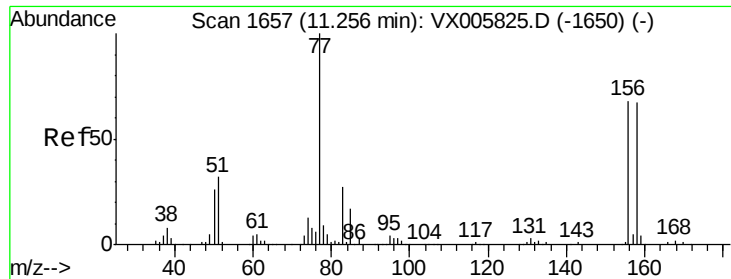
Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Tgt Ion:	75	Resp:	38439
Ion Ratio	Lower	Upper	
75	100		
77	40.4	20.5	61.6





#77

Bromobenzene

Concen: 19.38 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

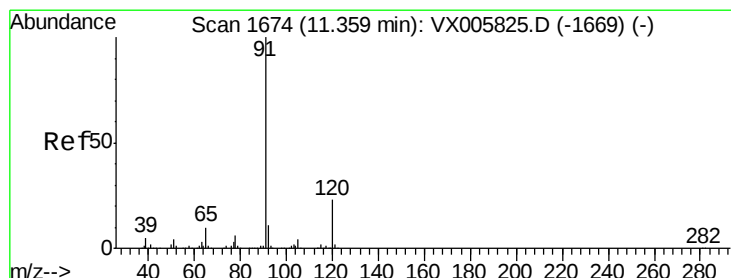
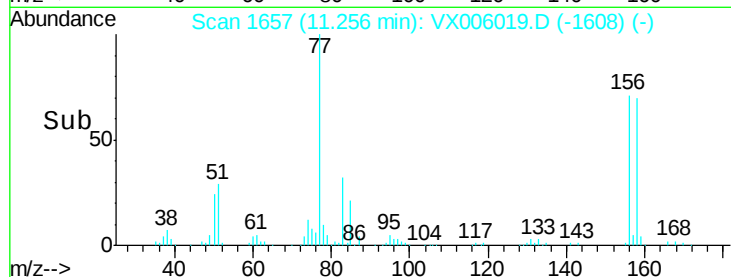
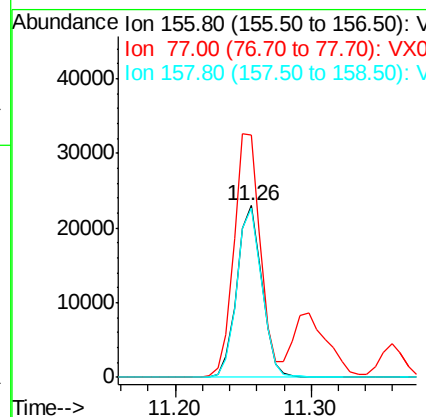
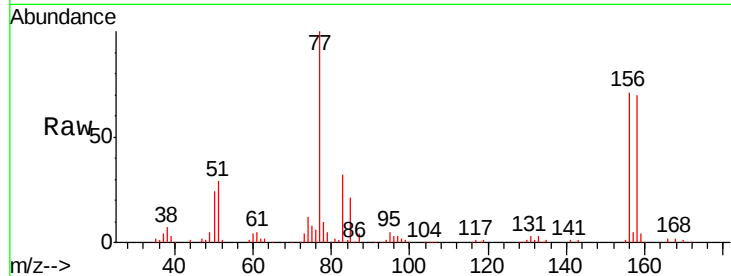
ClientSampleId :

VX1115MBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	147.8	74.8	224.4
158	98.6	49.1	147.3

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#78

n-propylbenzene

Concen: 20.45 ug/l

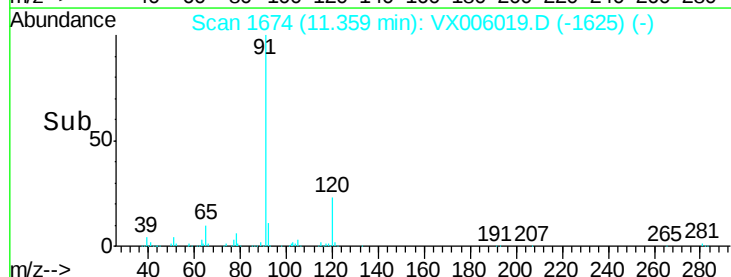
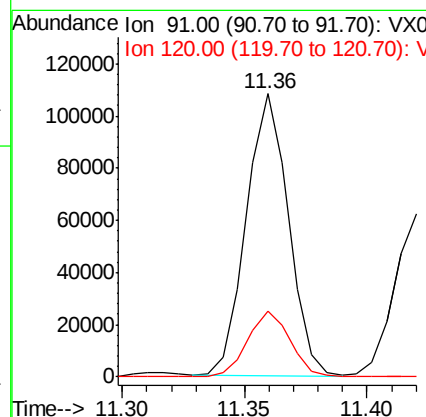
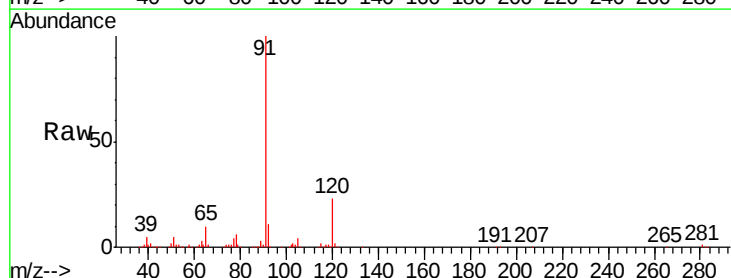
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.5





#79

2-Chlorotoluene

Concen: 20.00 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1115MBS01

Tgt Ion: 91 Resp: 76883

Ion Ratio Lower Upper

91 100

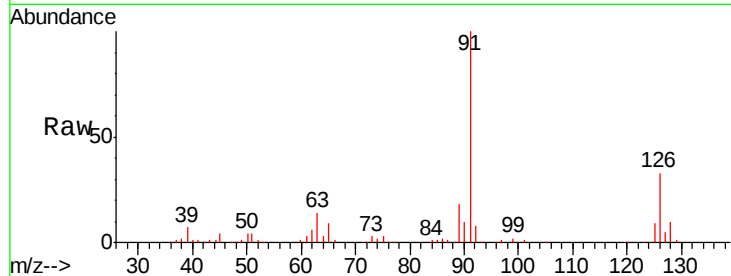
126 34.5 17.3 52.0

Manual Integrations

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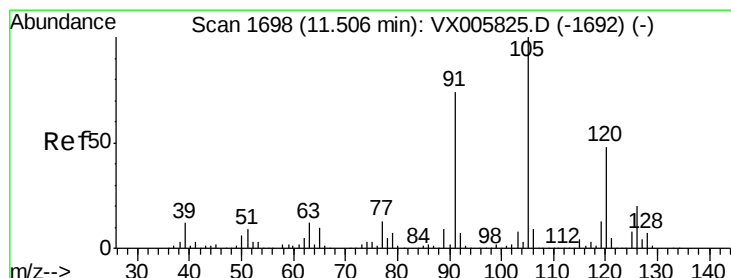
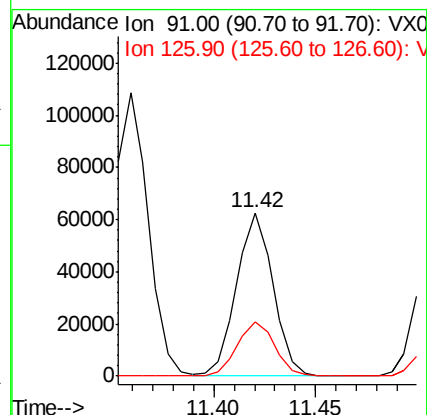
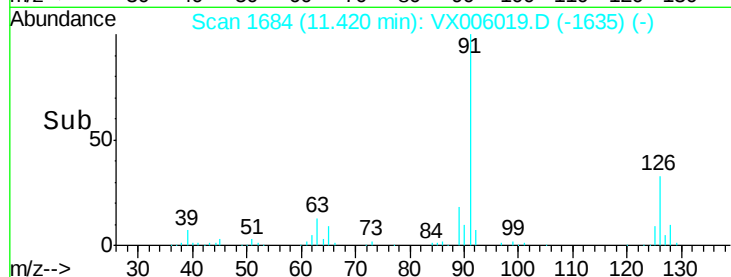
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Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005825.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.65 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006019.D

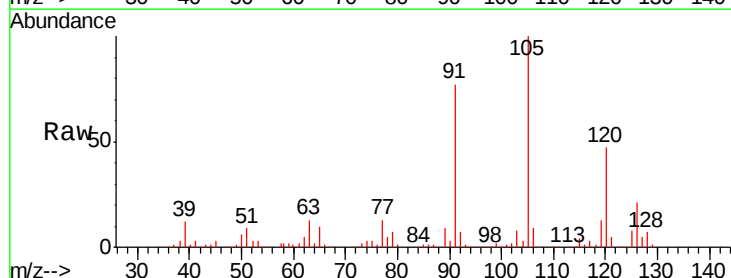
Acq: 15 Nov 2018 14:54

Tgt Ion: 105 Resp: 94695

Ion Ratio Lower Upper

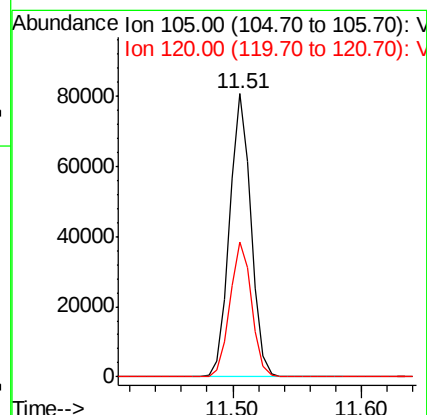
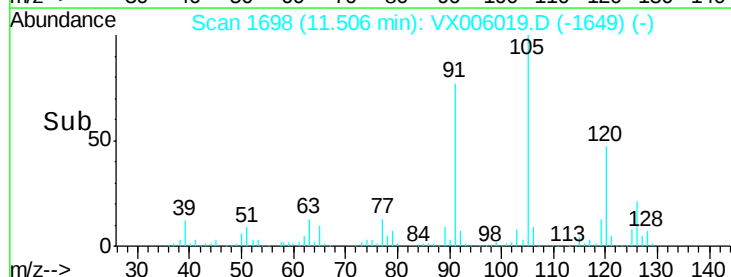
105 100

120 48.0 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005825.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.07 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

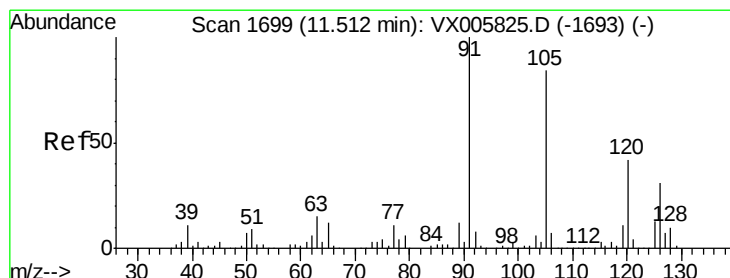
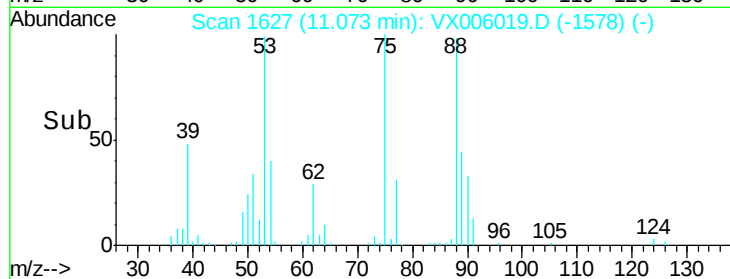
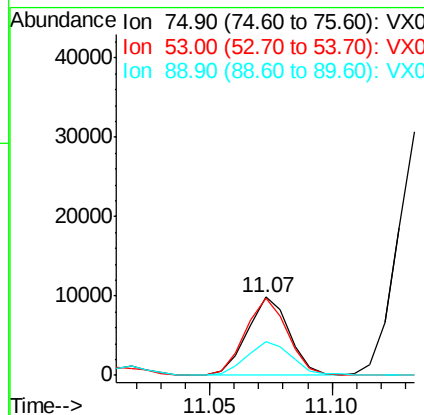
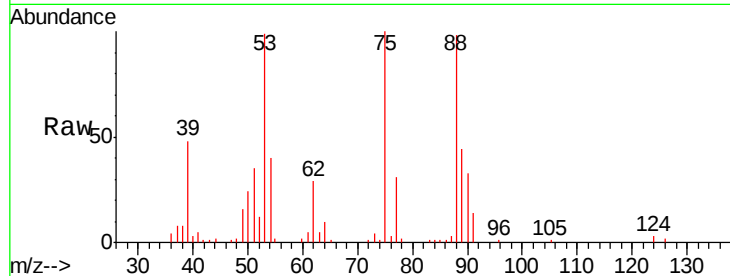
ClientSampleId :

VX1115MBS01

Tgt Ion:	75	Resp:	11965
Ion Ratio	Lower	Upper	
75	100		
53	98.6	80.2	120.2
89	46.3	39.8	59.8

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#82

4-Chlorotoluene

Concen: 20.00 ug/l

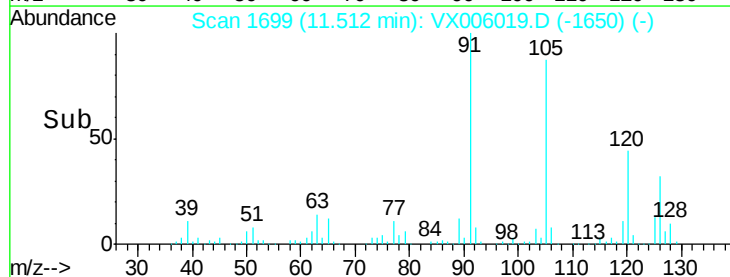
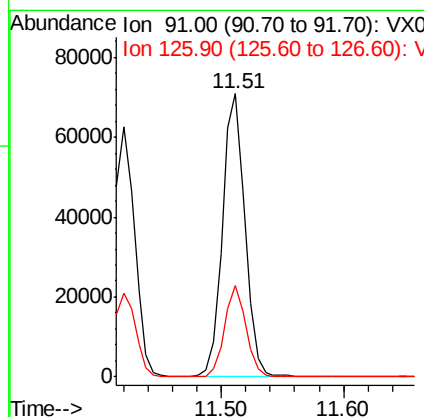
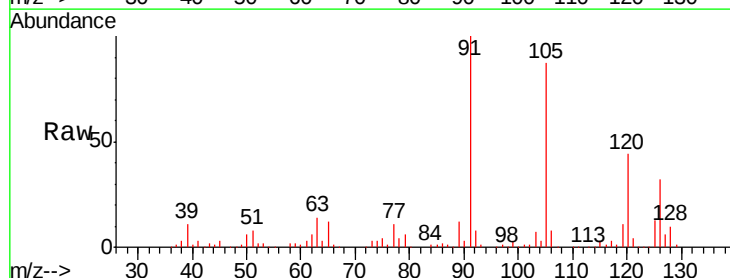
RT: 11.51 min Scan# 1699

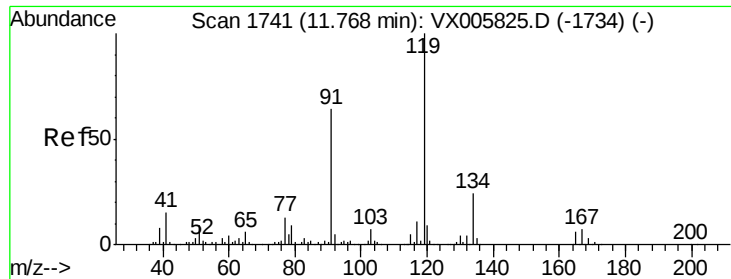
Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Tgt Ion:	91	Resp:	90574
Ion Ratio	Lower	Upper	
91	100		
126	31.0	15.2	45.6





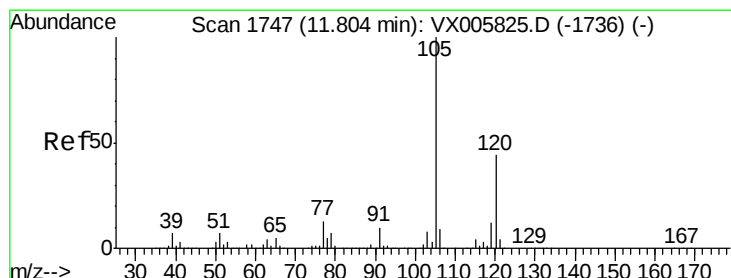
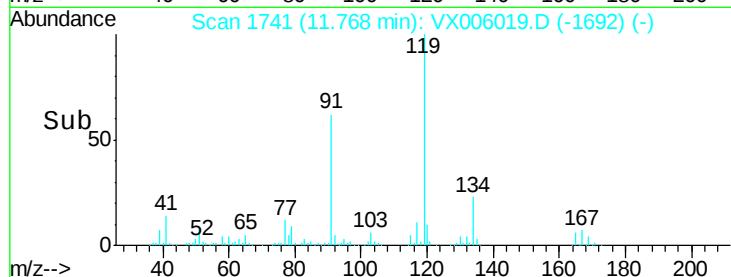
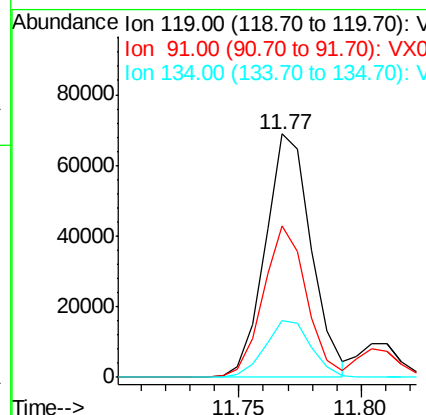
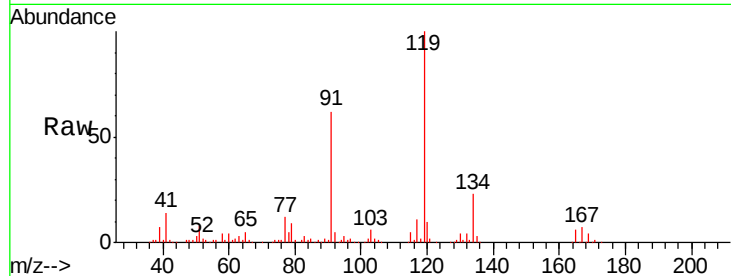
#83
 tert-Butylbenzene
 Concen: 19.52 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115MBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.6	28.5	85.5
134	23.3	11.3	33.8

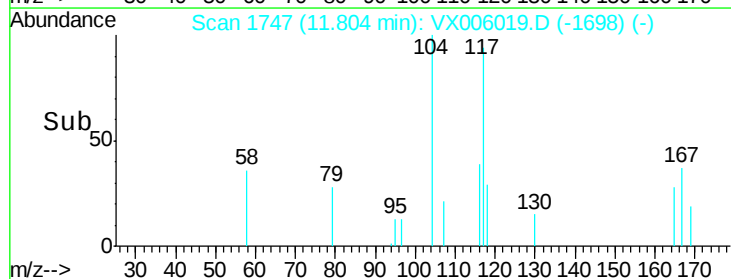
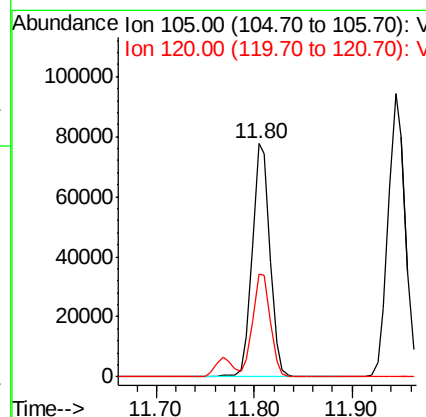
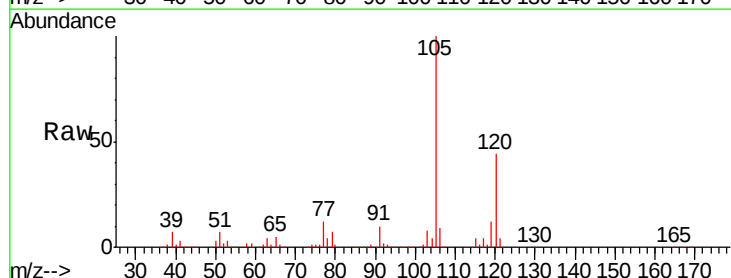
Manual Integrations
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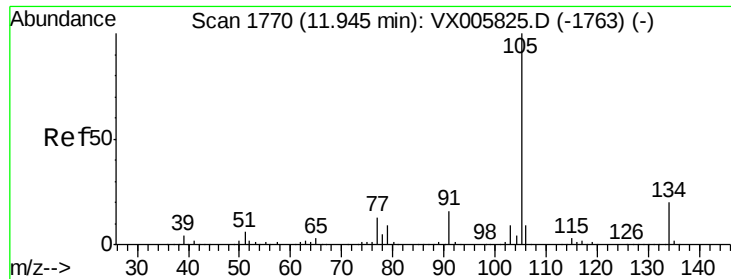
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.16 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.4	67.0





#85

sec-Butylbenzene

Concen: 20.15 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1115MBS01

Tgt Ion:105 Resp: 114283

Ion Ratio Lower Upper

105 100

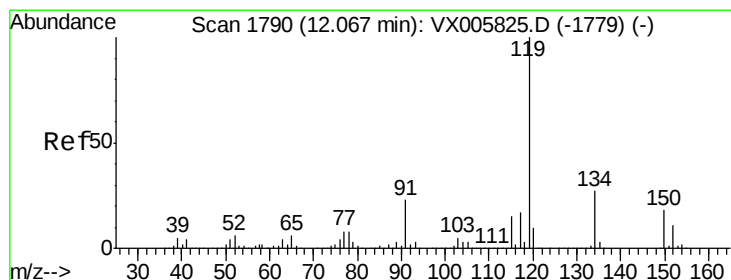
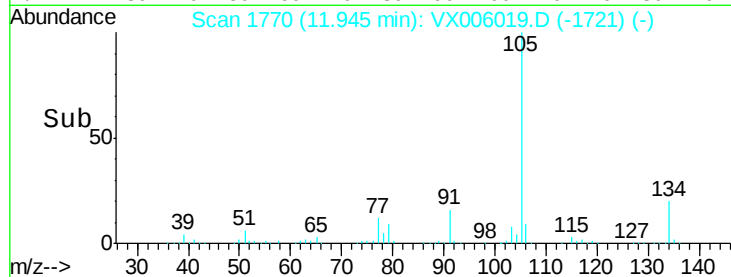
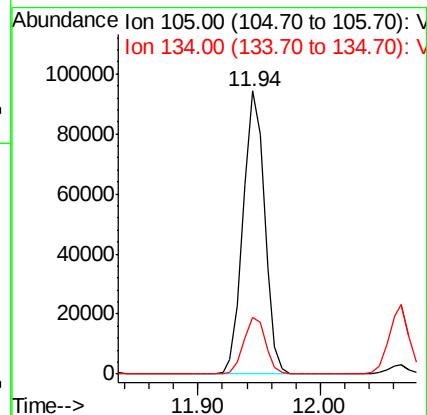
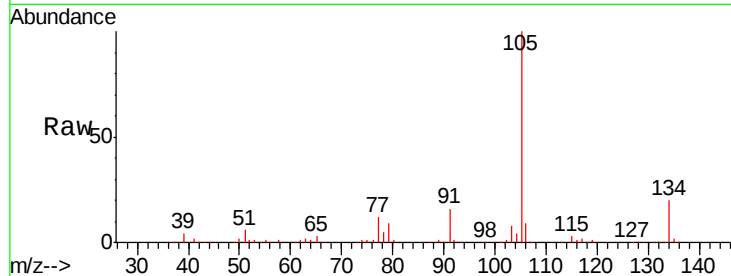
134 20.4 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 20.54 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006019.D

Acq: 15 Nov 2018 14:54

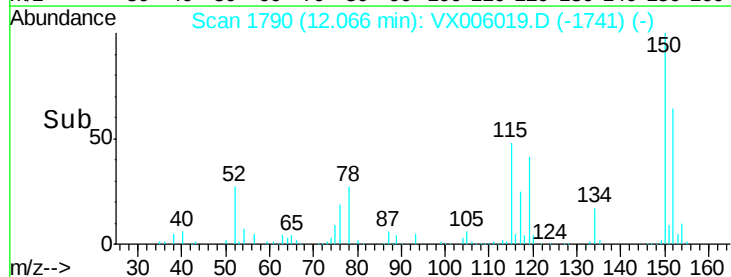
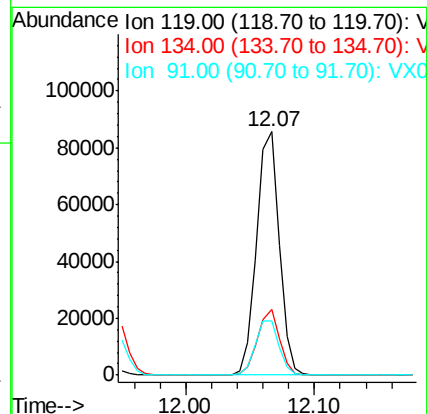
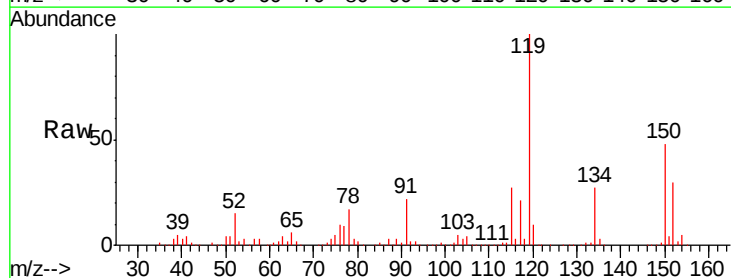
Tgt Ion:119 Resp: 103213

Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 23.0 11.4 34.2





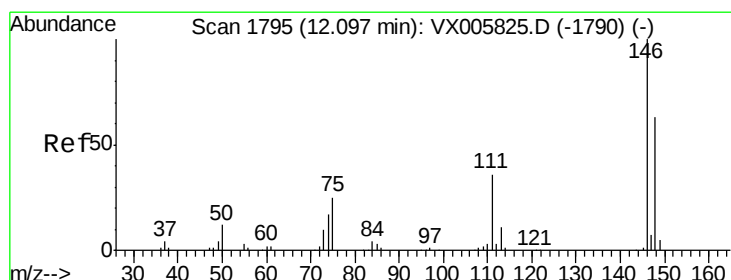
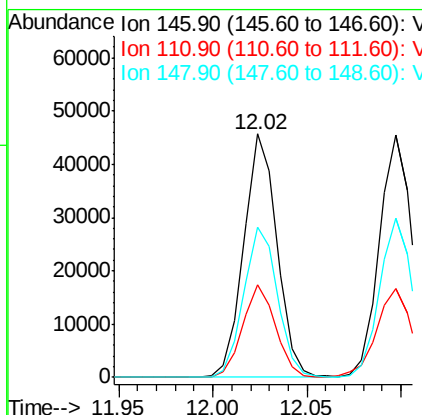
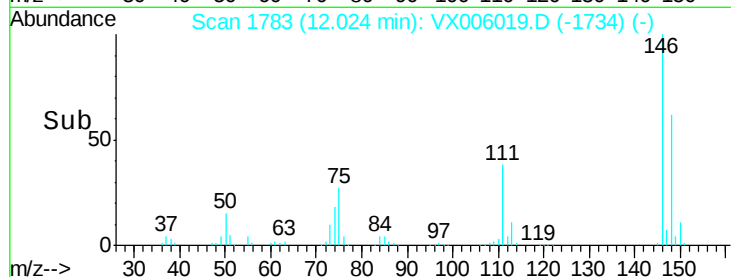
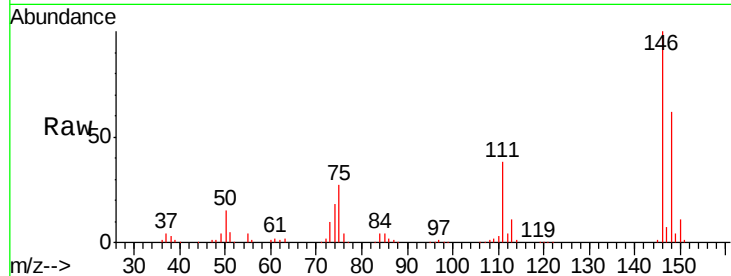
#87
 1,3-Dichlorobenzene
 Concen: 19.16 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	62.8	31.9	95.9

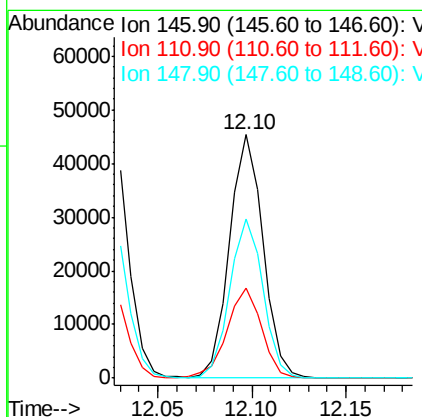
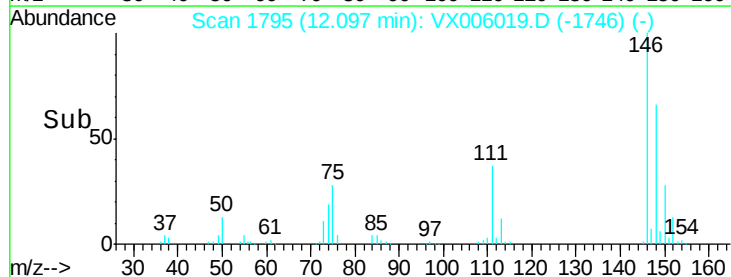
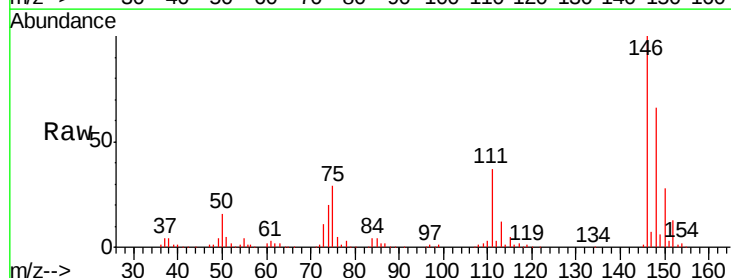
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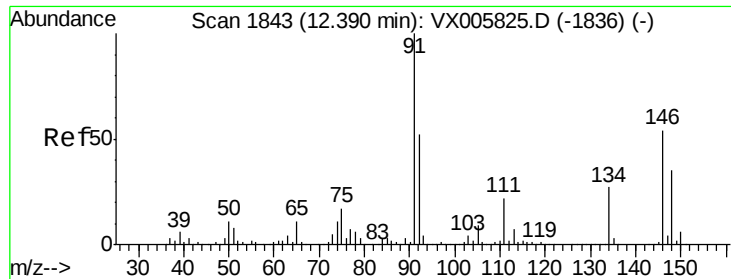
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#88
 1,4-Dichlorobenzene
 Concen: 18.74 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.6	55.8
148	65.3	32.1	96.3





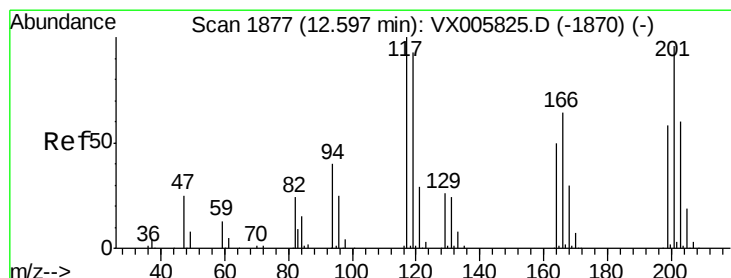
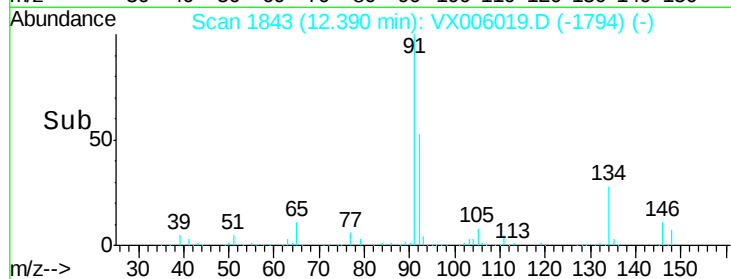
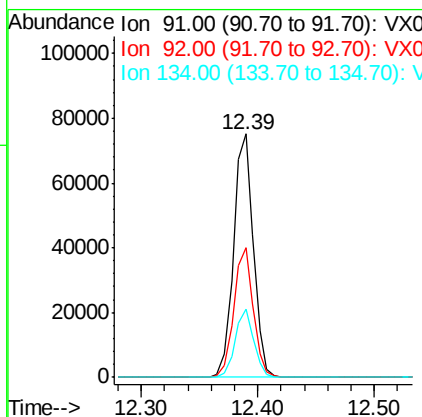
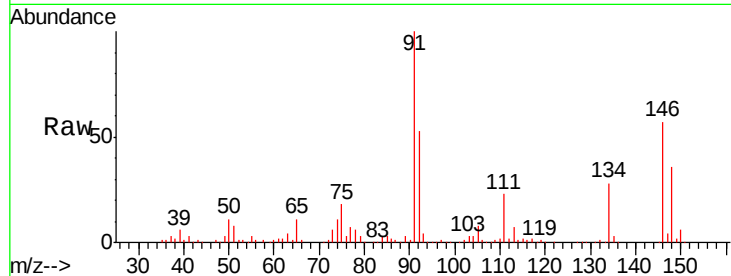
#89
n-Butylbenzene
Concen: 19.08 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

Tgt Ion: 91 Resp: 88856
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.2
134 26.5 13.1 39.3

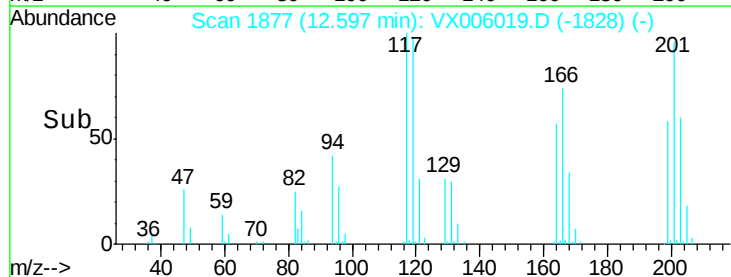
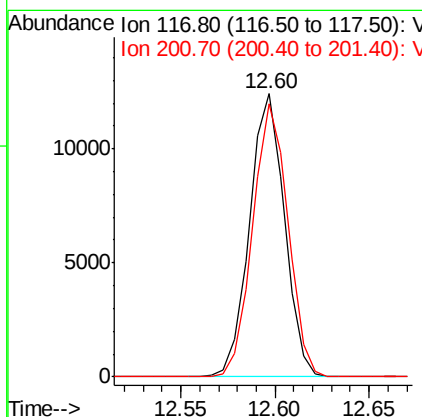
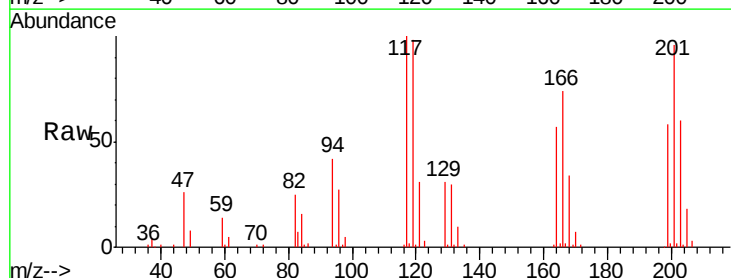
Manual Integrations
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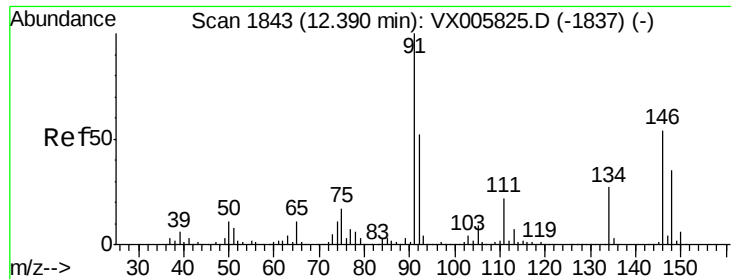
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#90
Hexachloroethane
Concen: 18.97 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion: 117 Resp: 15913
Ion Ratio Lower Upper
117 100
201 97.5 47.9 143.6





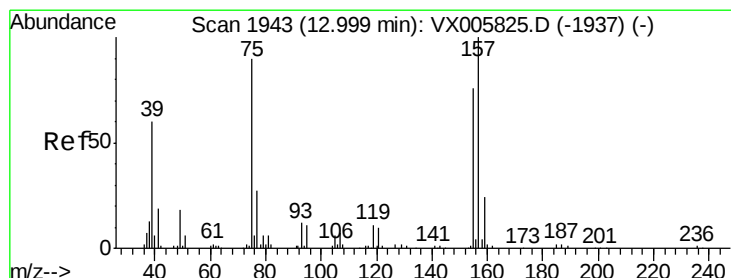
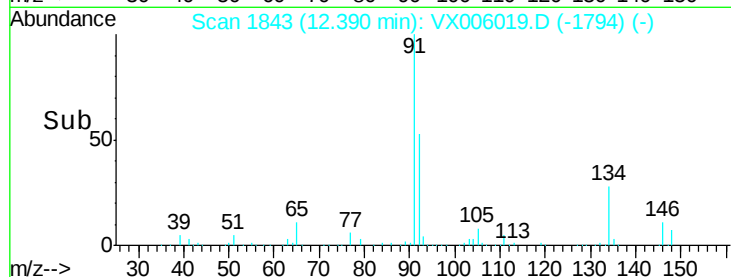
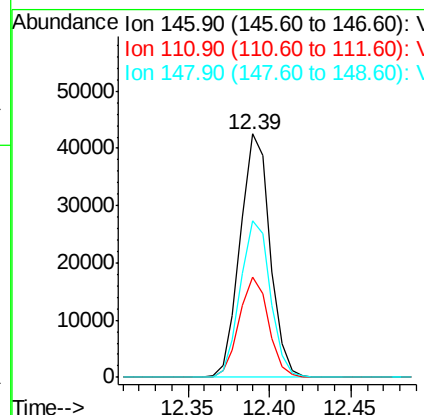
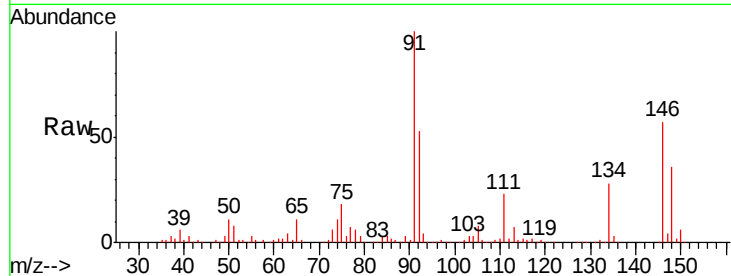
#91
 1,2-Dichlorobenzene
 Concen: 18.59 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	59.9
148	64.8	32.2	96.6

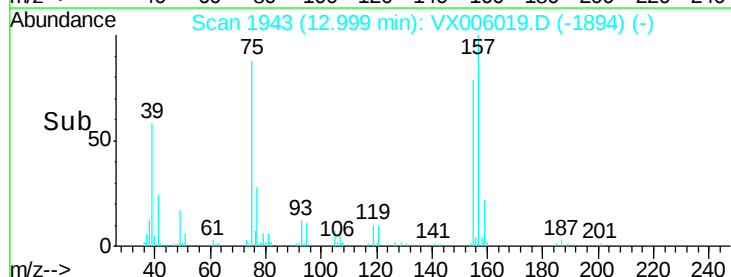
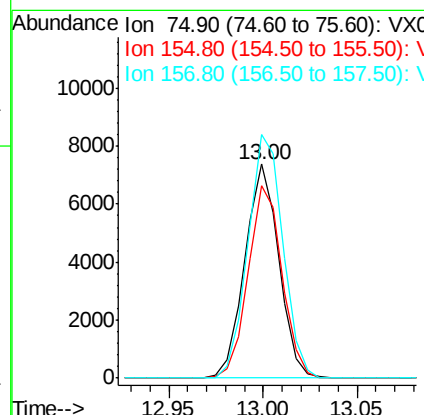
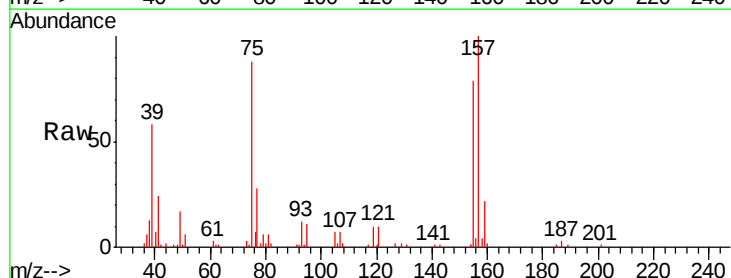
Manual Integrations
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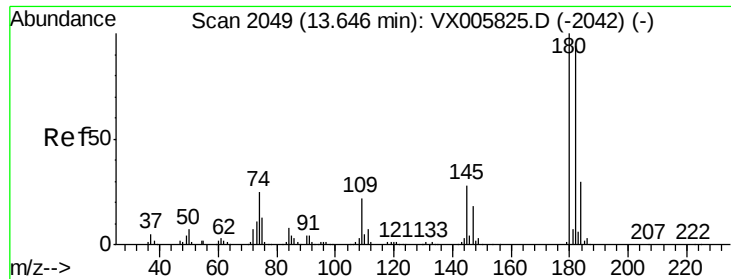
MMDadoda
 11/16/2018 10:41:04 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.03 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	45.4	136.1
157	117.3	57.4	172.0





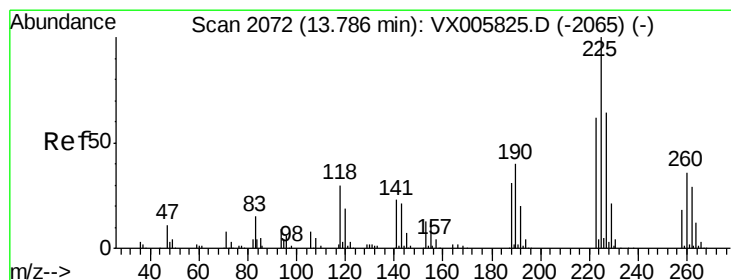
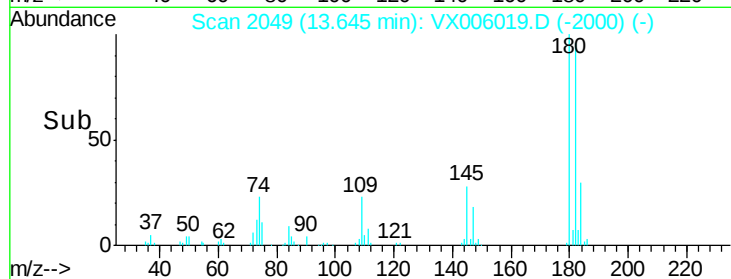
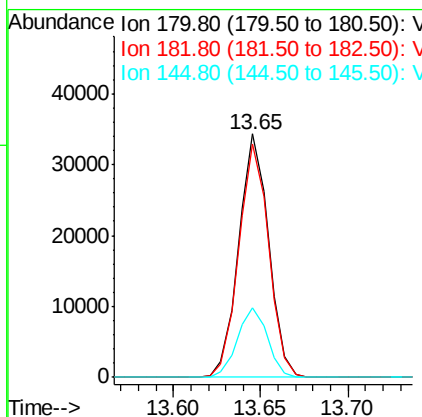
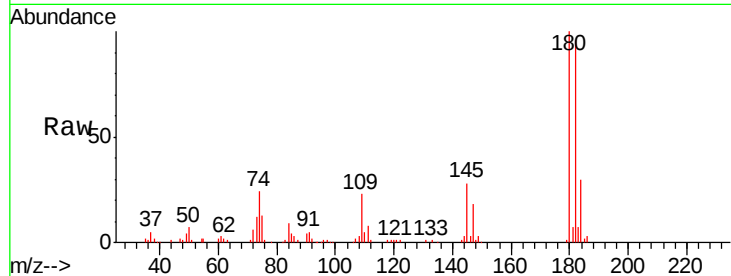
#93
 1,2,4-Trichlorobenzene
 Concen: 19.75 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115MBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.6	142.8
145	28.9	14.1	42.2

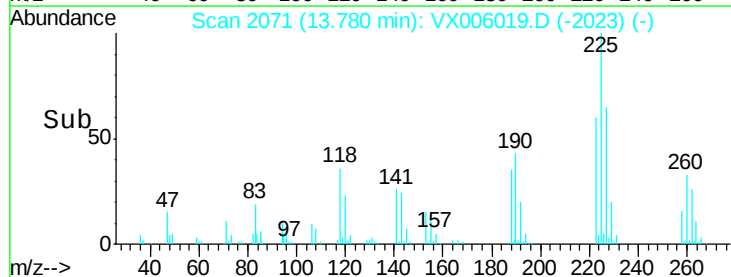
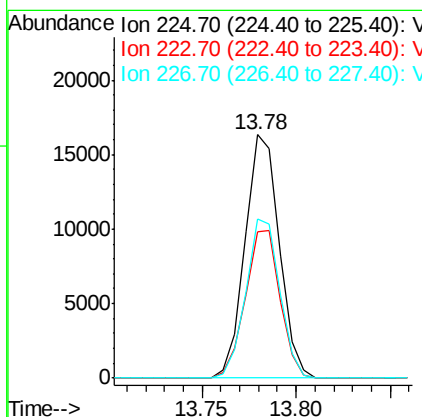
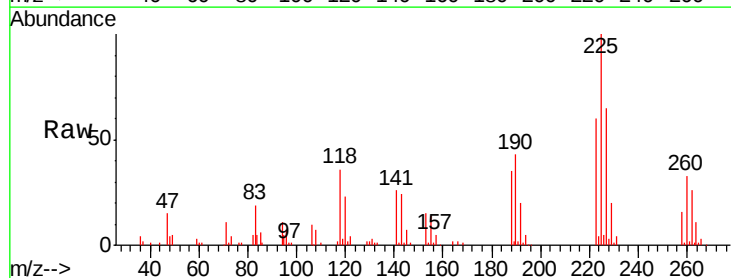
Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 10:41:04 AM



#94
 Hexachlorobutadiene
 Concen: 19.05 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006019.D
 Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.7	95.1
227	64.7	32.3	96.9





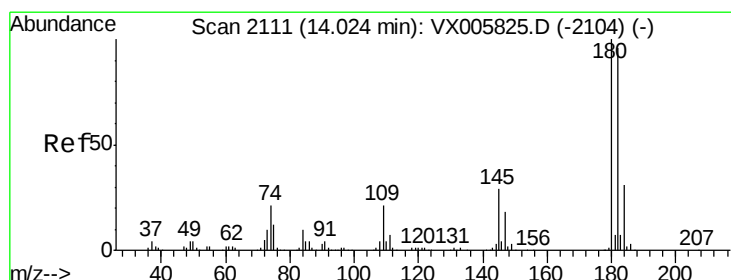
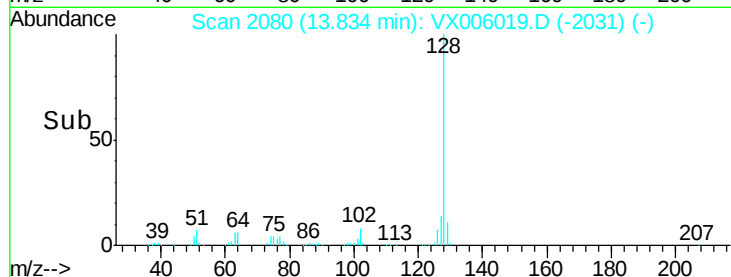
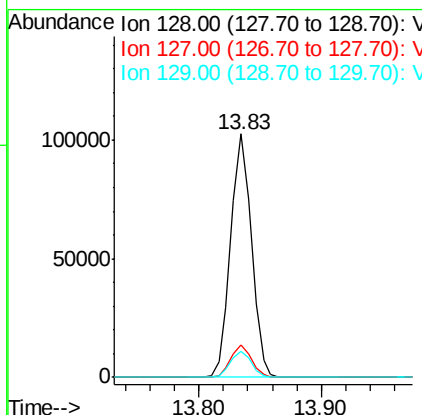
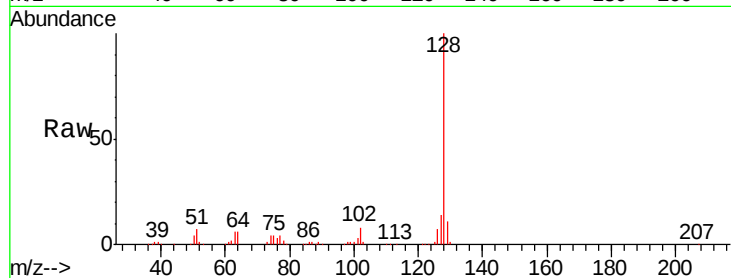
#95
Naphthalene
Concen: 18.73 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1115MBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/16/2018 10:41:04 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.88 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006019.D
Acq: 15 Nov 2018 14:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.0	144.2
145	29.4	15.1	45.3

