

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006099.D
 Acq On : 19 Nov 2018 18:47
 Operator : JC/MD
 Sample : VX1119WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 9:59:49 AM

Quant Time: Nov 20 01:03:50 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	138030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	199246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	150192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	82543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	68142	42.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.88%	
35) Dibromofluoromethane	5.51	113	58665	43.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.58%	
50) Toluene-d8	8.71	98	184079	40.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.72%	
62) 4-Bromofluorobenzene	11.14	95	67652	41.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	17429	14.00	ug/l	97
3) Chloromethane	1.32	50	23398	14.33	ug/l	99
4) Vinyl Chloride	1.41	62	24270	14.80	ug/l	97
5) Bromomethane	1.64	94	14118	14.07	ug/l	96
6) Chloroethane	1.72	64	16510	16.88	ug/l	98
7) Trichlorofluoromethane	1.93	101	34000	15.62	ug/l	100
8) Diethyl Ether	2.19	74	15186	17.81	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20060	16.03	ug/l	100
10) Methyl Iodide	2.51	142	23613	15.57	ug/l	96
11) Tert butyl alcohol	3.06	59	37500	82.50	ug/l	99
12) 1,1-Dichloroethene	2.37	96	19158	15.70	ug/l	93
13) Acrolein	2.29	56	18455	97.78	ug/l	99
14) Allyl chloride	2.73	41	42331	15.54	ug/l	98
15) Acrylonitrile	3.15	53	84085	89.26	ug/l	99
16) Acetone	2.45	43	72476	84.83	ug/l	98
17) Carbon Disulfide	2.57	76	46694	12.83	ug/l	99
18) Methyl Acetate	2.78	43	44922	18.69	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	73788	17.72	ug/l	100
20) Methylene Chloride	2.86	84	22992	16.38	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	20847	16.20	ug/l	98
22) Diisopropyl ether	3.87	45	82524	17.29	ug/l	# 93
23) Vinyl Acetate	3.82	43	319331	78.02	ug/l	99
24) 1,1-Dichloroethane	3.70	63	43394	17.04	ug/l	99
25) 2-Butanone	4.70	43	118155	87.96	ug/l	100
26) 2,2-Dichloropropane	4.59	77	28221	15.11	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	25490	17.94	ug/l	95
28) Bromochloromethane	5.01	49	21503	18.89	ug/l	93
29) Tetrahydrofuran	5.15	42	75296	87.30	ug/l	97
30) Chloroform	5.21	83	41894	17.05	ug/l	93
31) Cyclohexane	5.57	56	33532	15.17	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	33512	16.35	ug/l	98
36) 1,1-Dichloropropene	5.80	75	29473	15.34	ug/l	96
37) Ethyl Acetate	4.85	43	40420	16.00	ug/l	98
38) Carbon Tetrachloride	5.78	117	27606	14.36	ug/l	93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	25787	13.25	ug/l	96
40) Benzene	6.13	78	90311	16.13	ug/l	95
41) Methacrylonitrile	5.06	41	23468	17.19	ug/l	98
42) 1,2-Dichloroethane	6.20	62	32002	15.96	ug/l	99
43) Isopropyl Acetate	6.46	43	56348	15.40	ug/l	95
44) Trichloroethene	7.21	130	25247	17.75	ug/l	94
45) 1,2-Dichloropropane	7.52	63	22258	16.38	ug/l	97
46) Dibromomethane	7.66	93	13564	15.90	ug/l	95
47) Bromodichloromethane	7.90	83	25643	15.91	ug/l	98
48) Methyl methacrylate	7.78	41	26044	15.85	ug/l	98
49) 1,4-Dioxane	7.75	88	11996	338.74	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	183955	79.75	ug/l	98
52) Toluene	8.79	92	47753	15.26	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	27064	14.23	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	29852	15.40	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	20837	14.94	ug/l	97
56) Ethyl methacrylate	9.18	69	29710	14.24	ug/l	96
57) 1,3-Dichloropropane	9.37	76	34219	14.60	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	89971	84.78	ug/l	99
59) 2-Hexanone	9.49	43	144523	71.08	ug/l	98
60) Dibromochloromethane	9.59	129	20153	13.37	ug/l	100
61) 1,2-Dibromoethane	9.67	107	21290	13.80	ug/l	100
64) Tetrachloroethene	9.34	164	22331	17.46	ug/l	98
65) Chlorobenzene	10.14	112	54889	18.24	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	19293	18.44	ug/l	99
67) Ethyl Benzene	10.25	91	91477	18.96	ug/l	100
68) m/p-Xylenes	10.36	106	69909	37.99	ug/l	98
69) o-Xylene	10.70	106	34022	20.62	ug/l	100
70) Styrene	10.71	104	57022	20.95	ug/l	99
71) Bromoform	10.86	173	16624	18.96	ug/l #	98
73) Isopropylbenzene	11.02	105	94722	19.84	ug/l	99
74) N-amyl acetate	10.90	43	41482	16.35	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	33103	18.89	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	32412m	19.28	ug/l	
77) Bromobenzene	11.26	156	25394	18.87	ug/l	100
78) n-propylbenzene	11.36	91	107653	19.14	ug/l	100
79) 2-Chlorotoluene	11.42	91	65154	19.16	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	79661	19.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	8972	17.01	ug/l	95
82) 4-Chlorotoluene	11.51	91	75671	18.88	ug/l	100
83) tert-Butylbenzene	11.77	119	78607	19.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	81932	18.23	ug/l	100
85) sec-Butylbenzene	11.94	105	95035	18.94	ug/l	100
86) p-Isopropyltoluene	12.07	119	85306	19.19	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	46786	18.12	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	46787	17.70	ug/l	98
89) n-Butylbenzene	12.39	91	71705	17.41	ug/l	100
90) Hexachloroethane	12.60	117	12086	16.29	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	46844	18.11	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7671	17.94	ug/l	96

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ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	34711	19.06	ug/l	100
94) Hexachlorobutadiene	13.79	225	16381	17.13	ug/l	99
95) Naphthalene	13.83	128	108164	18.96	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	35742	19.27	ug/l	100

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

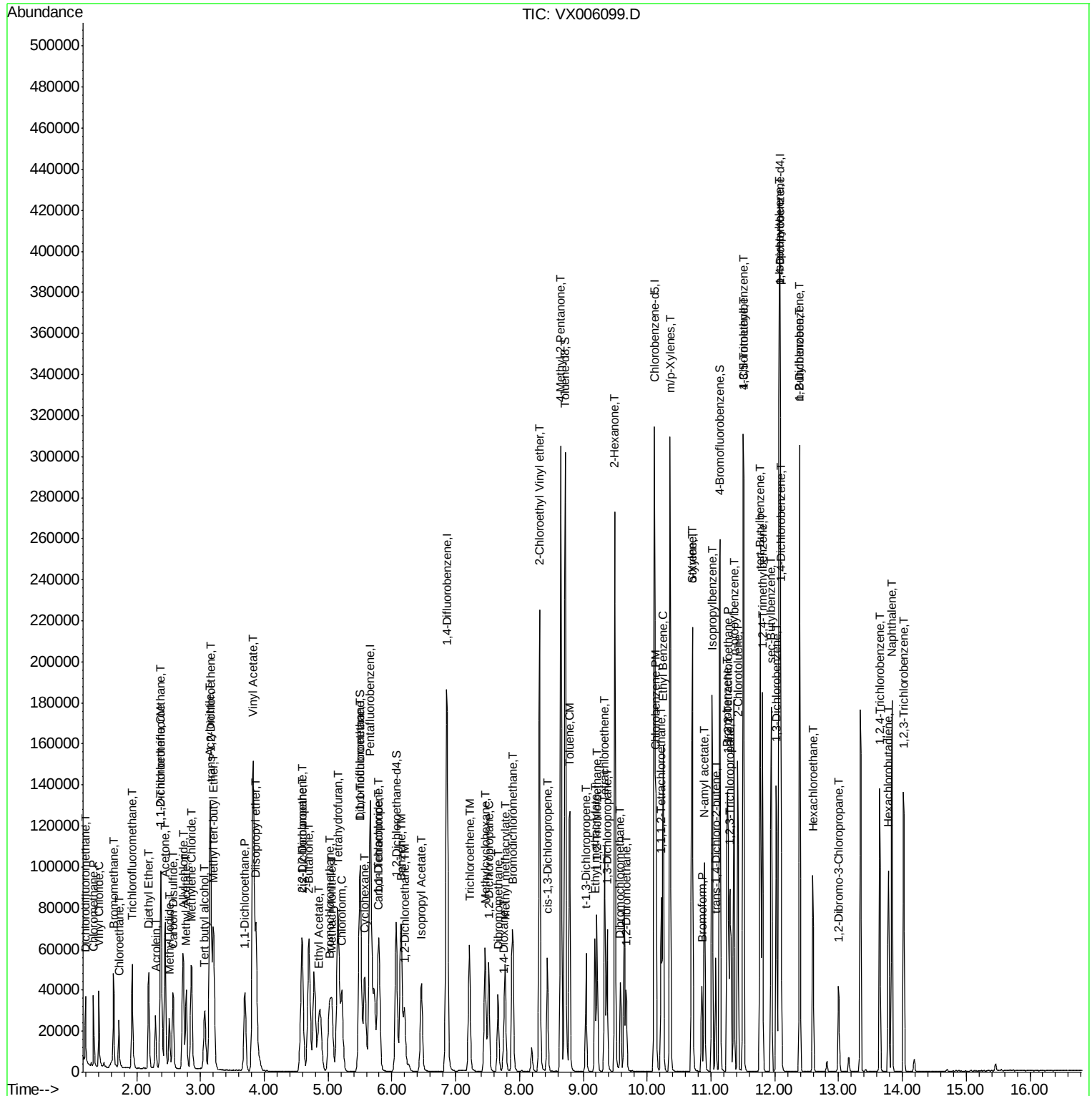
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
Data File : VX006099.D
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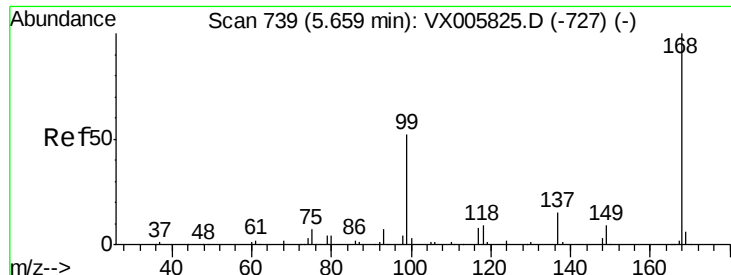
Instrument :
MSVOA_X
Client Sampled :
VX1119WBSD01

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBSD01

Tgt Ion: 168 Resp: 138030

Ion Ratio Lower Upper

168 100

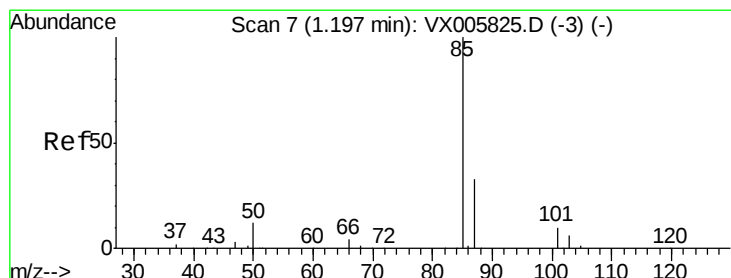
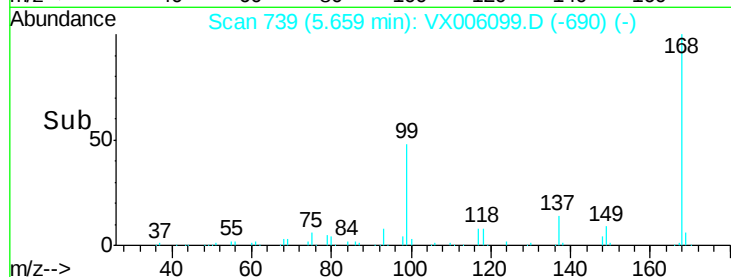
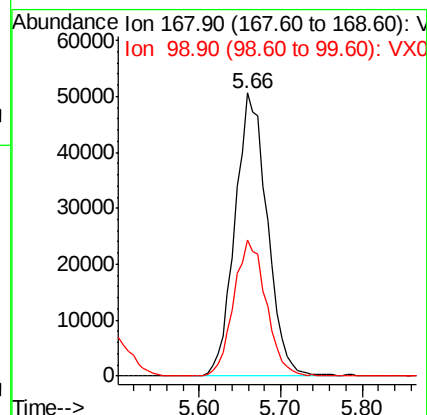
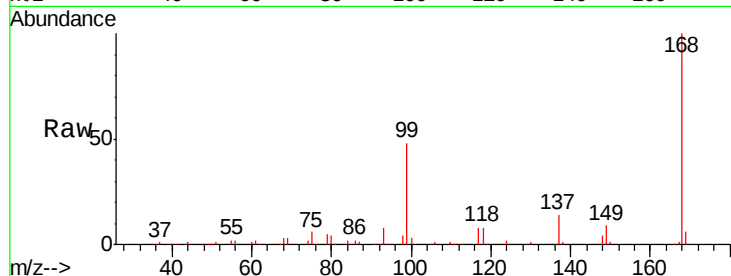
99 48.3 40.7 61.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 14.00 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006099.D

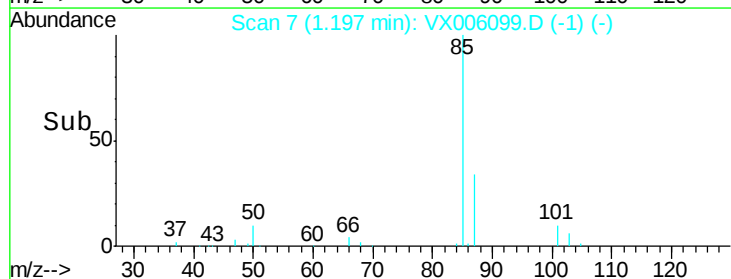
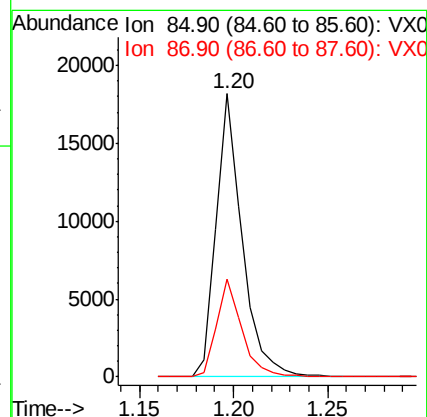
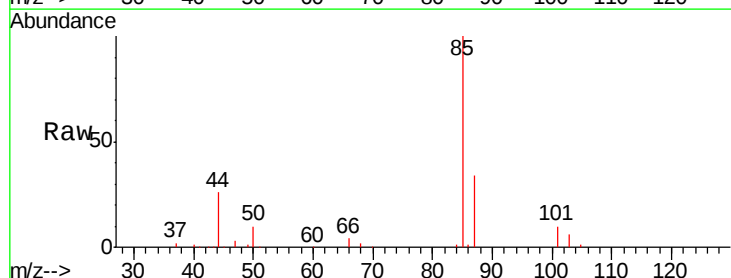
Acq: 19 Nov 2018 18:47

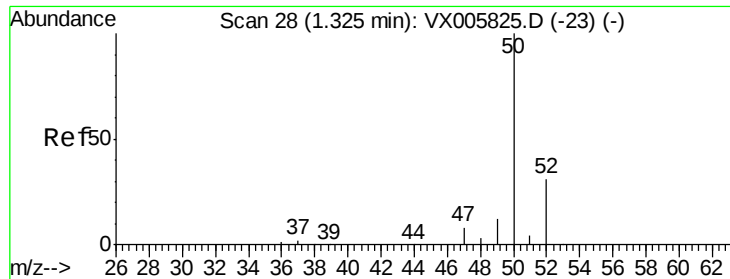
Tgt Ion: 85 Resp: 17429

Ion Ratio Lower Upper

85 100

87 34.4 16.3 48.9





#3

Chloromethane

Concen: 14.33 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBSD01

Tgt Ion: 50 Resp: 23398

Ion Ratio Lower Upper

50 100

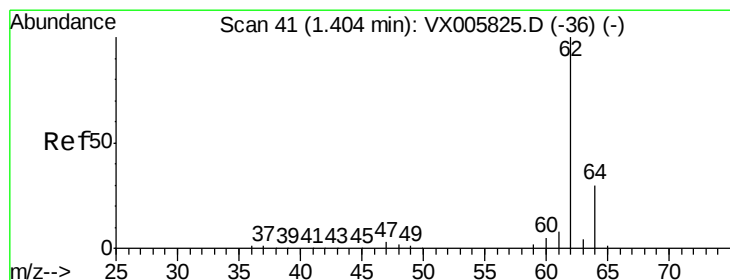
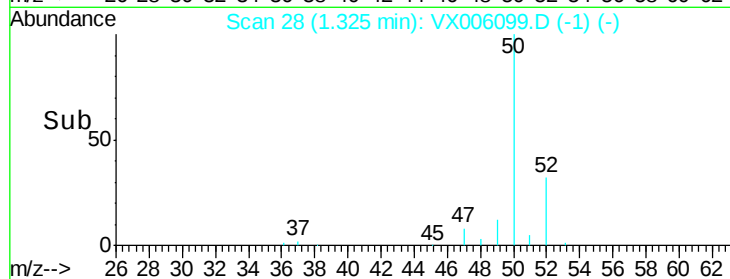
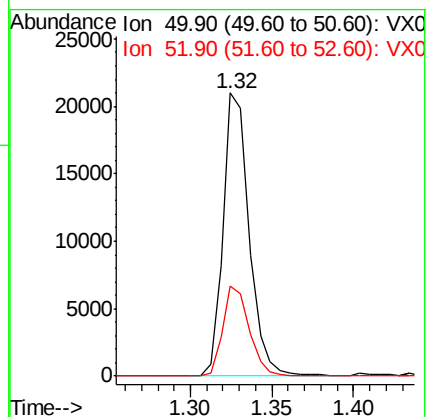
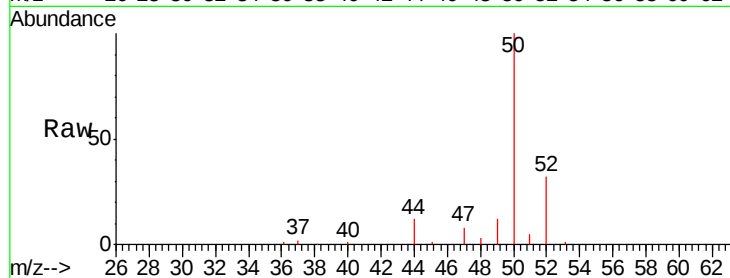
52 32.0 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 14.80 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX006099.D

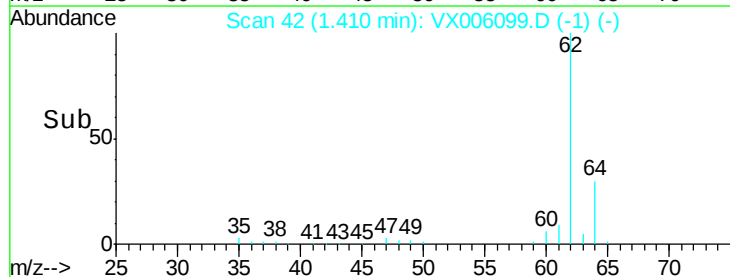
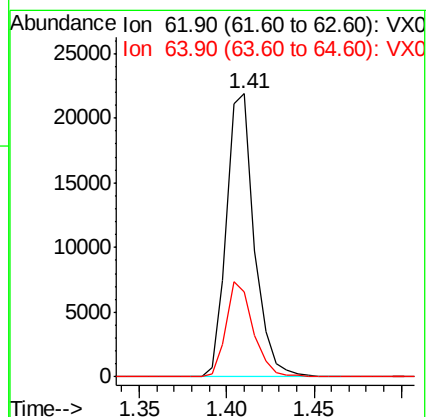
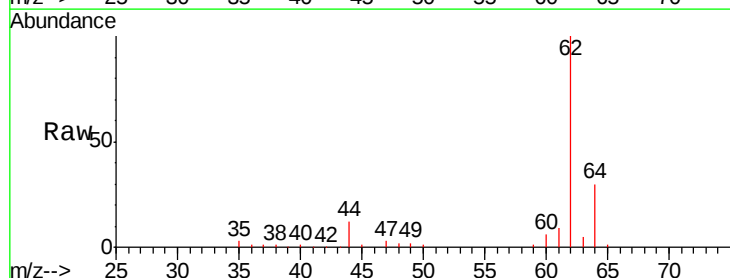
Acq: 19 Nov 2018 18:47

Tgt Ion: 62 Resp: 24270

Ion Ratio Lower Upper

62 100

64 30.1 25.3 37.9





#5

Bromomethane

Concen: 14.07 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBSD01

Tgt Ion: 94 Resp: 14118

Ion Ratio Lower Upper

94 100

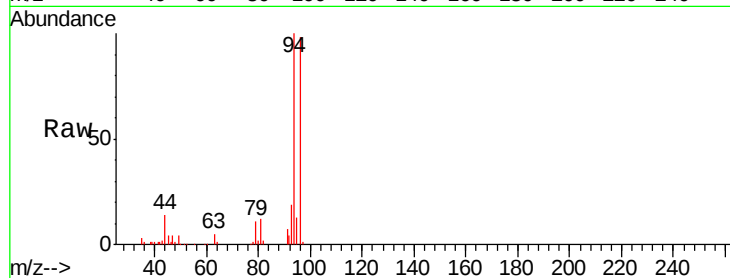
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Manual Integrations

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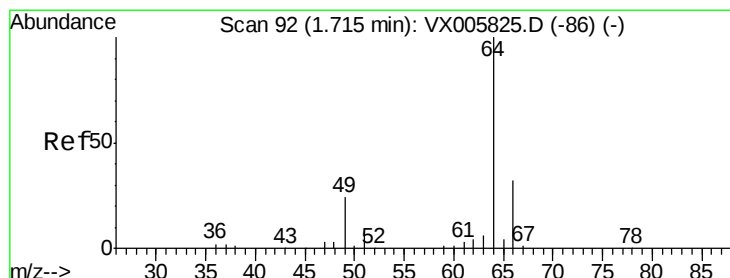
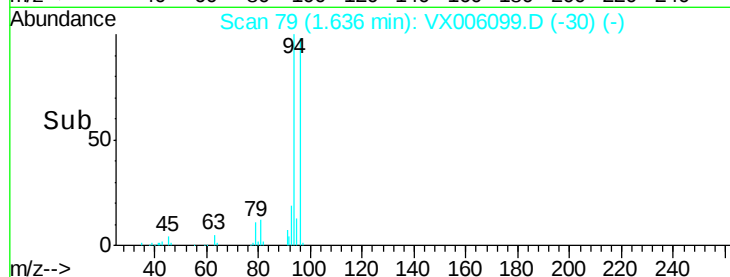
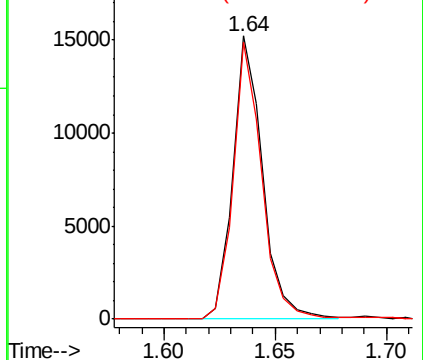
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.88 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006099.D

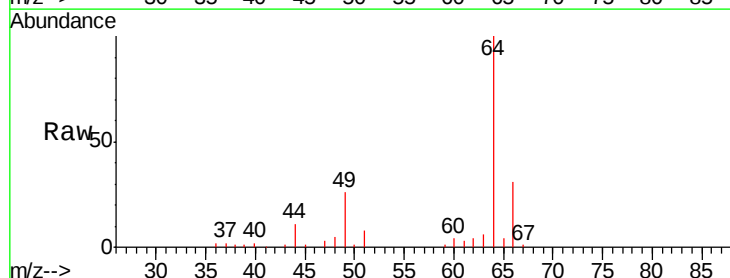
Acq: 19 Nov 2018 18:47

Tgt Ion: 64 Resp: 16510

Ion Ratio Lower Upper

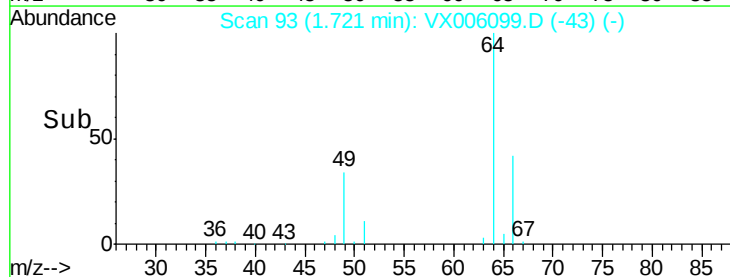
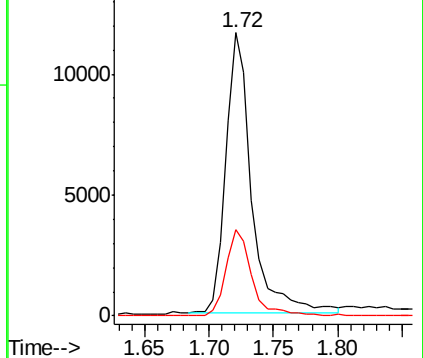
64 100

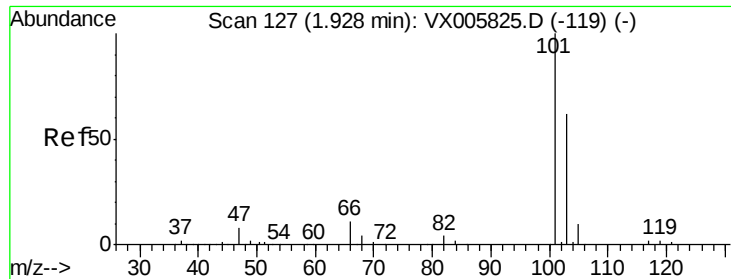
66 30.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

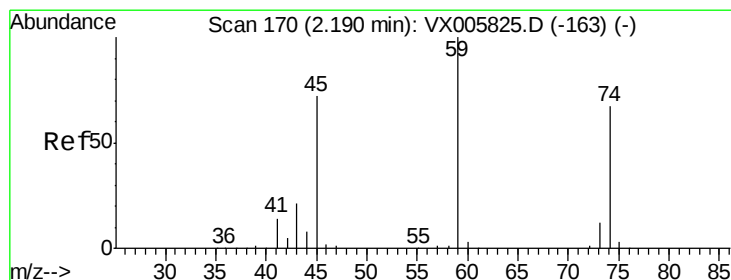
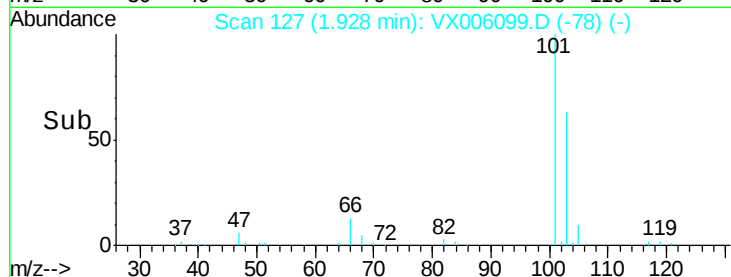
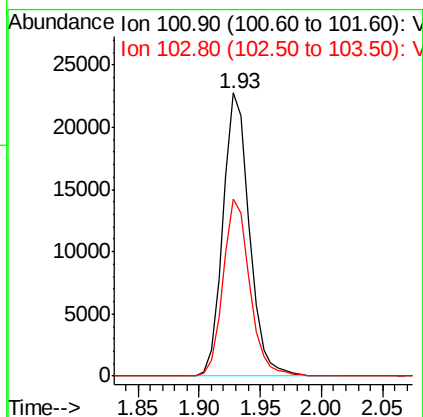
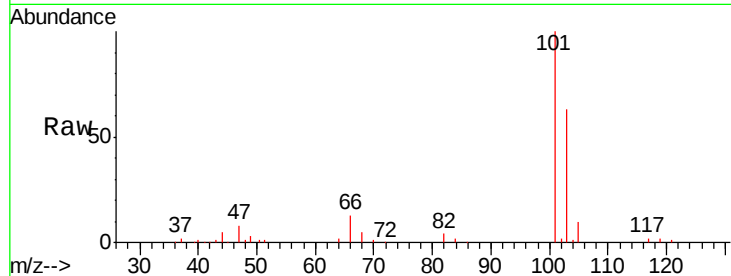
Trichlorofluoromethane
 Concen: 15.62 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBSD01

Tgt Ion: 101 Resp: 34000
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.0 75.0

Manual Integrations
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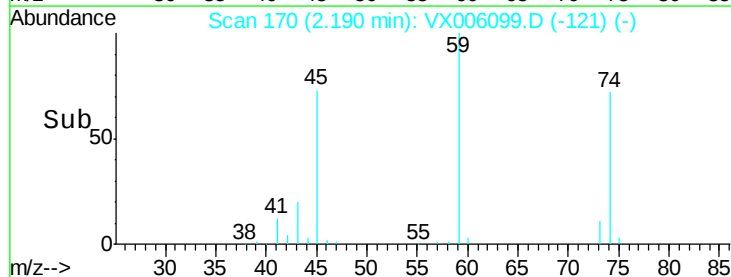
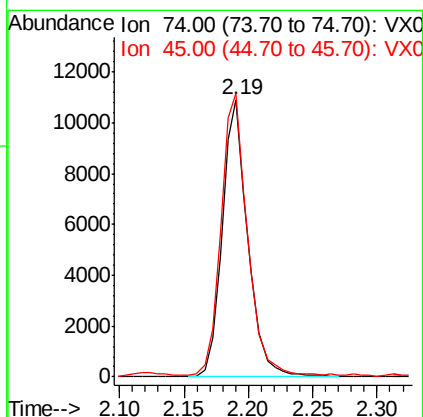
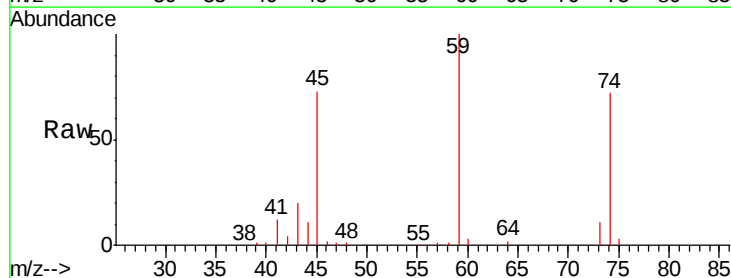
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 11/20/2018 9:59:49 AM



#8

Diethyl Ether
 Concen: 17.81 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Tgt Ion: 74 Resp: 15186
 Ion Ratio Lower Upper
 74 100
 45 108.7 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.03 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

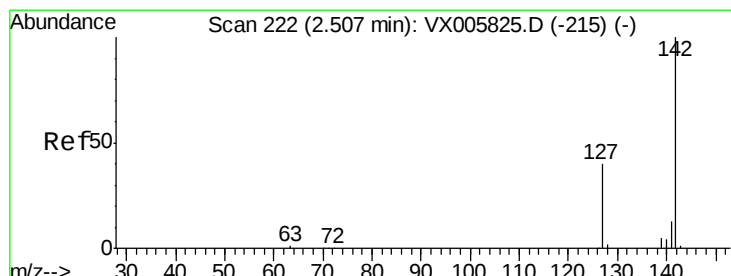
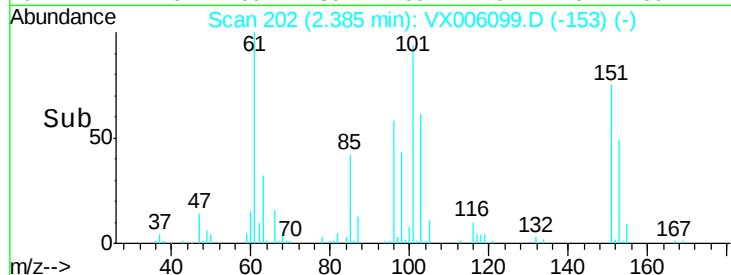
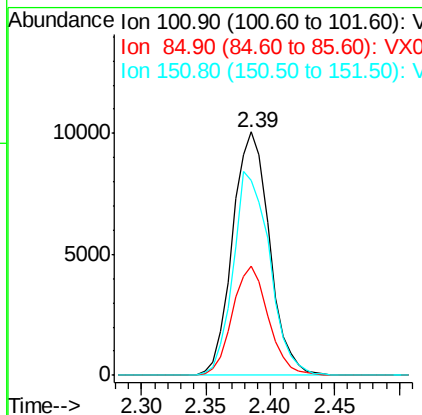
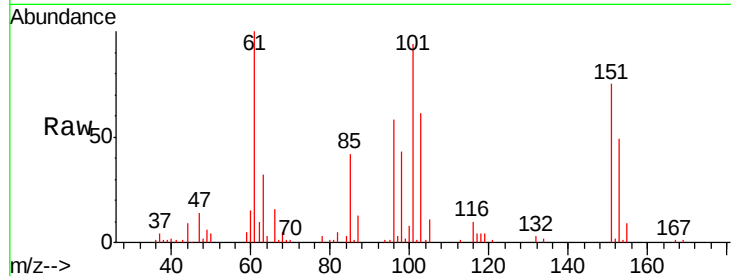
ClientSampleId :

VX1119WBSD01

Tgt Ion:	101	Resp:	20060
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.0	52.4
151	82.6	66.2	99.2

Manual Integrations
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#10

Methyl Iodide

Concen: 15.57 ug/l

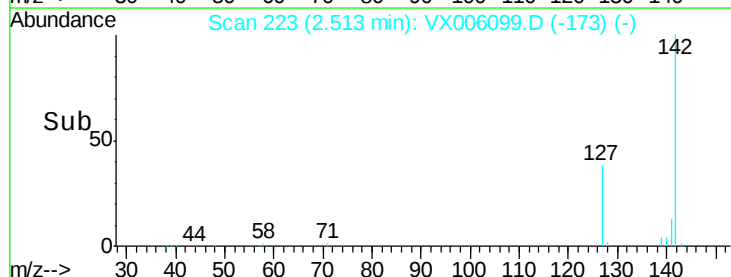
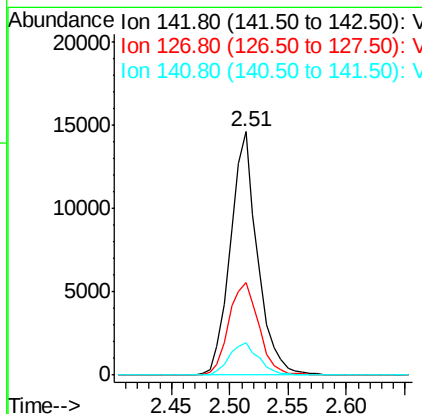
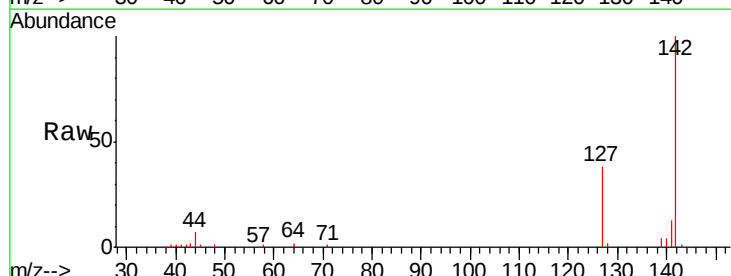
RT: 2.51 min Scan# 223

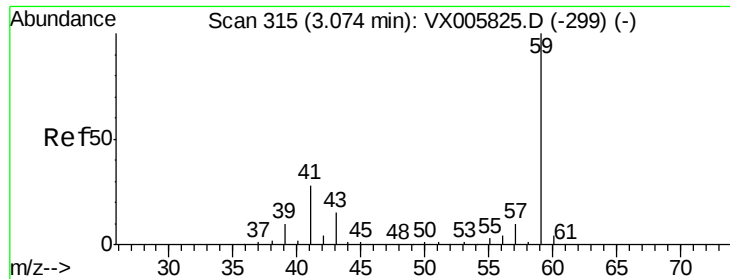
Delta R.T. 0.01 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Tgt Ion:	142	Resp:	23613
Ion Ratio	Lower	Upper	
142	100		
127	41.7	36.0	54.0
141	14.4	11.7	17.5





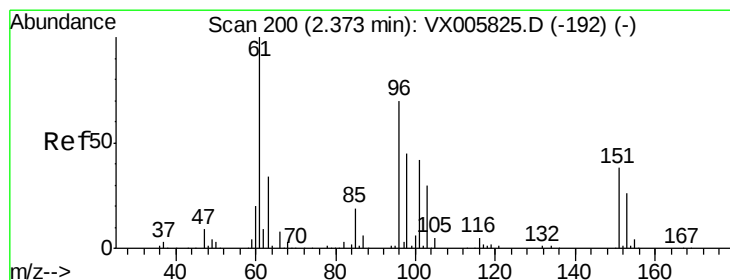
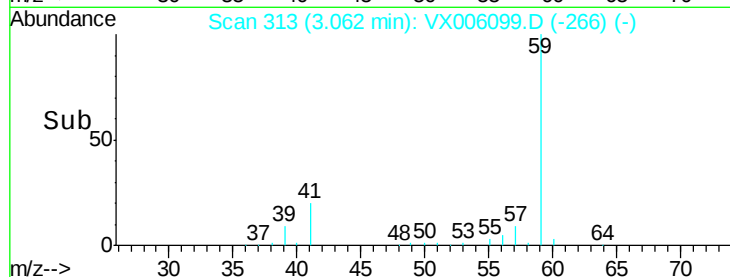
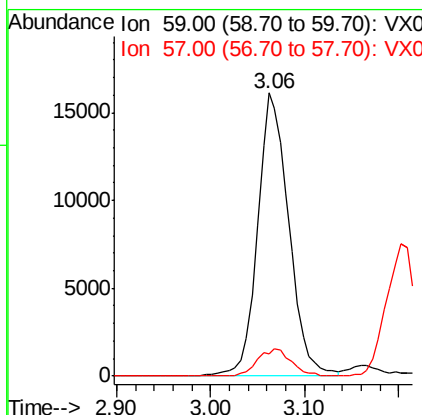
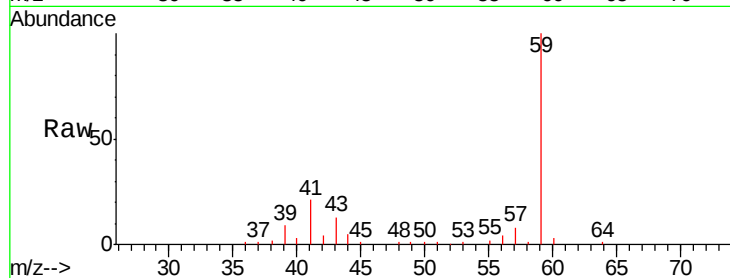
#11
Tert butyl alcohol
Concen: 82.50 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion: 59 Resp: 37500
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

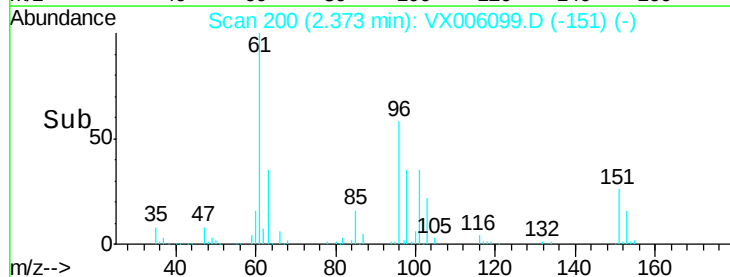
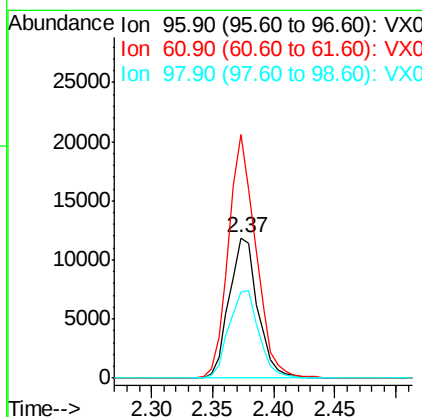
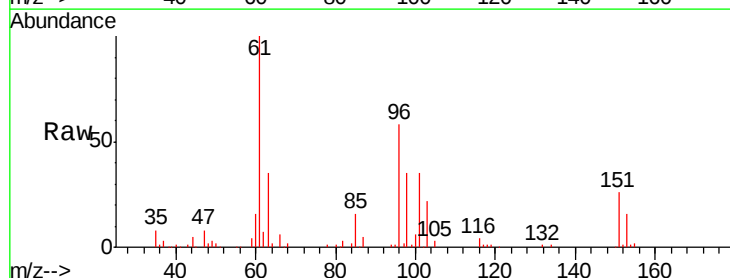
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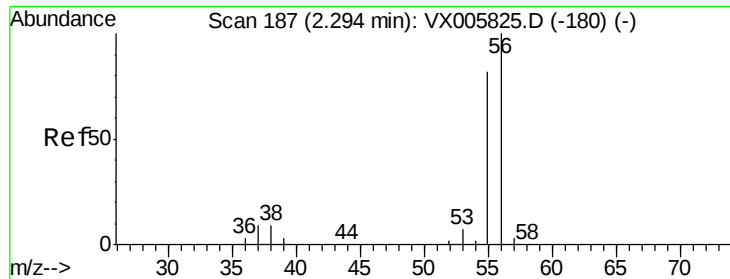
MMDadoda
11/20/2018 9:59:49 AM



#12
1,1-Dichloroethene
Concen: 15.70 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion: 96 Resp: 19158
Ion Ratio Lower Upper
96 100
61 173.6 131.8 197.8
98 61.0 53.4 80.2





#13

Acrolein

Concen: 97.78 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBSD01

Tgt Ion: 56 Resp: 18455

Ion Ratio Lower Upper

56 100

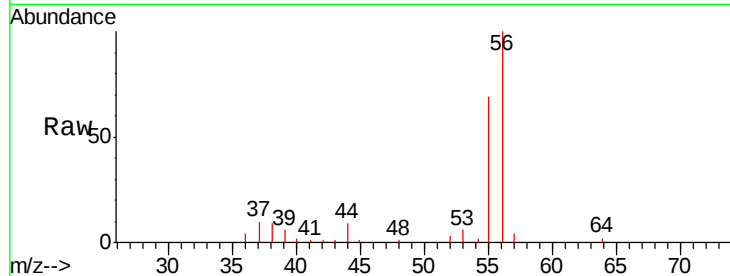
55 72.0 57.3 85.9

Manual Integrations

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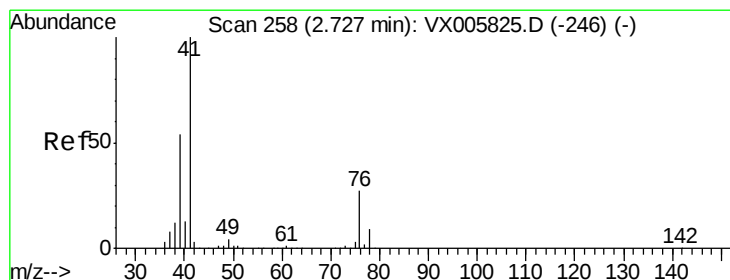
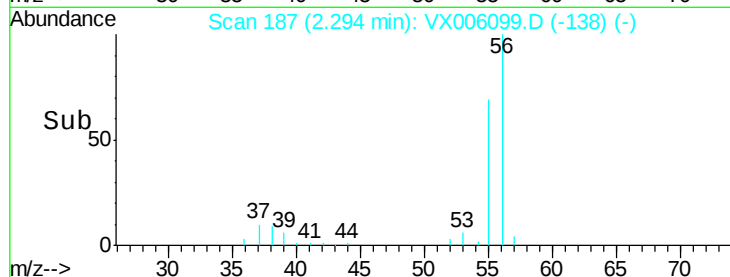
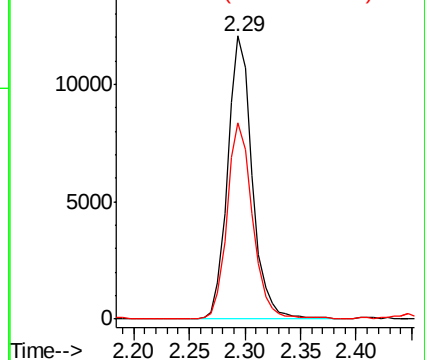
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 15.54 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

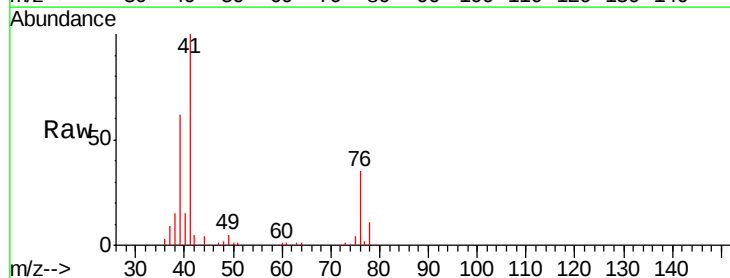
Tgt Ion: 41 Resp: 42331

Ion Ratio Lower Upper

41 100

39 59.2 48.2 72.4

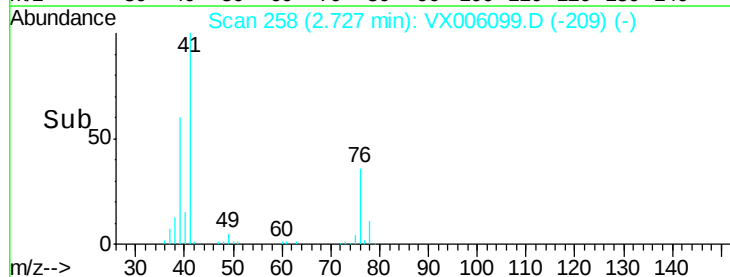
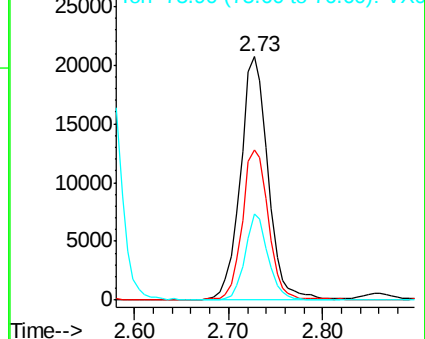
76 29.2 21.9 32.9

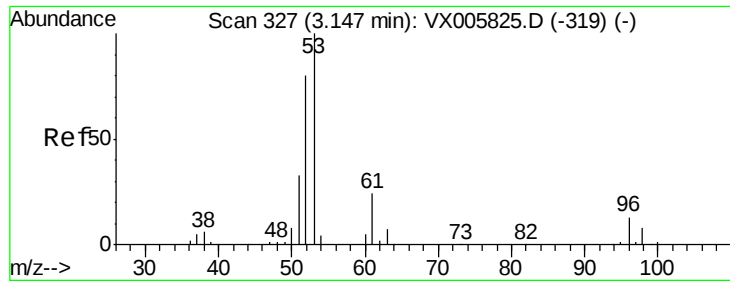


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 89.26 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

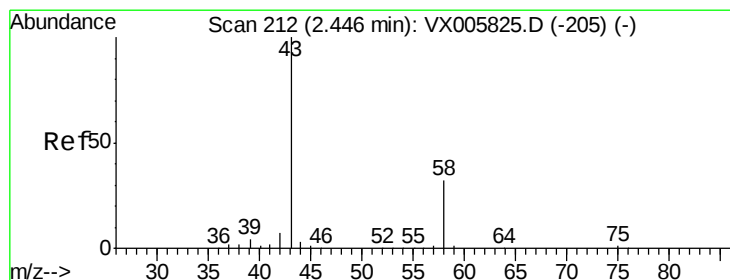
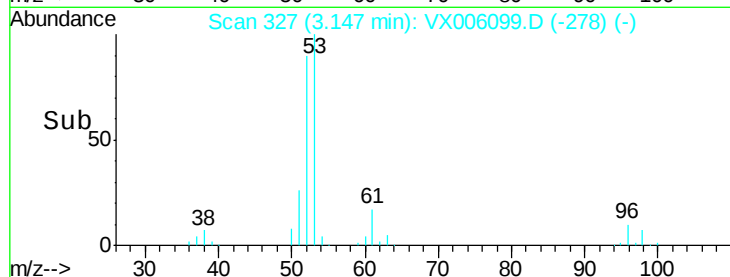
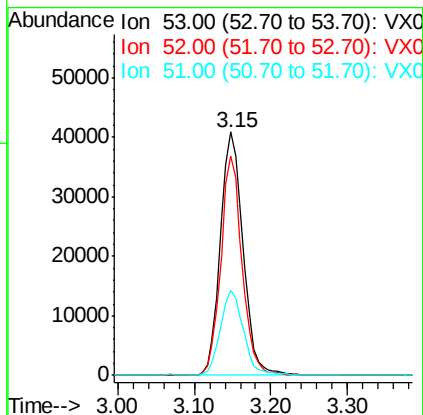
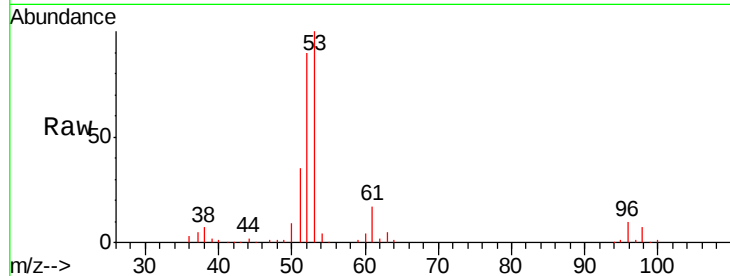
ClientSampleId :

VX1119WBSD01

Tgt Ion:	53	Resp:	84085
Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.6	99.8
51	35.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 84.83 ug/l

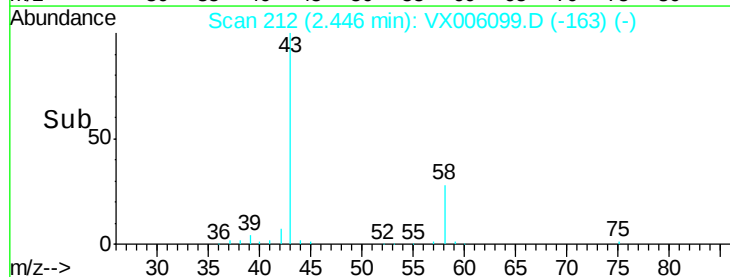
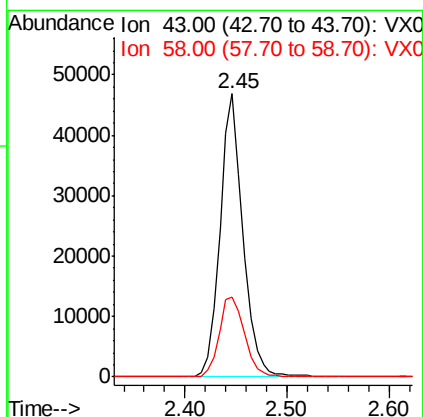
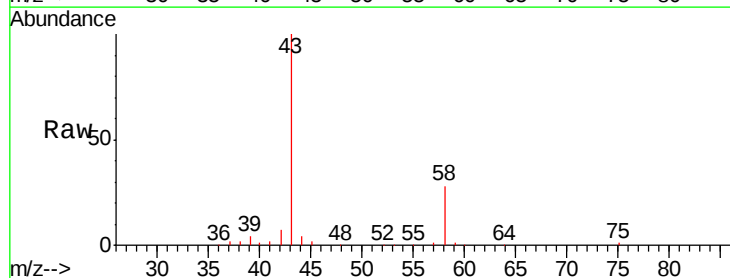
RT: 2.45 min Scan# 212

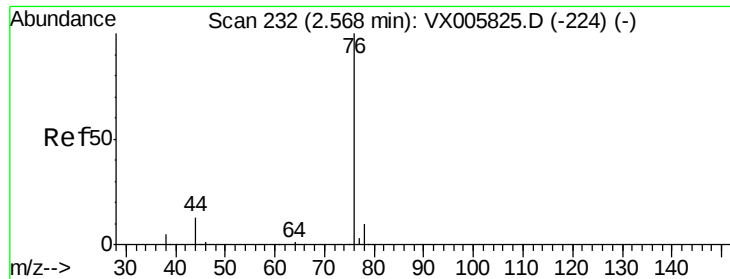
Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Tgt Ion:	43	Resp:	72476
Ion	Ratio	Lower	Upper
43	100		
58	28.4	23.8	35.6





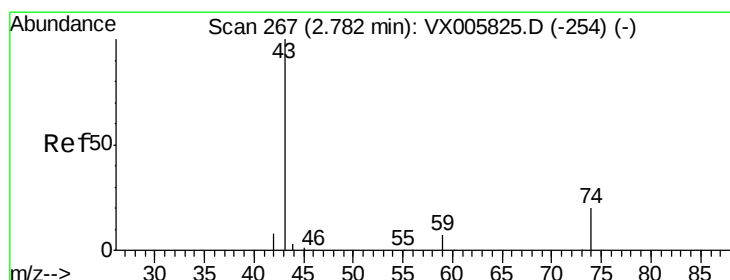
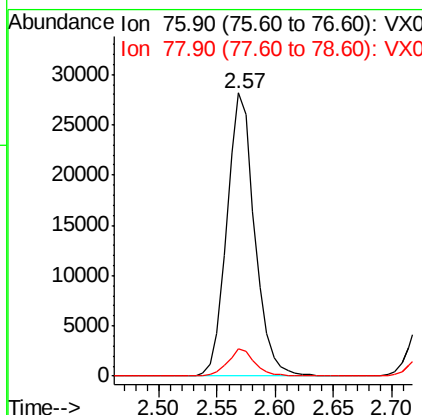
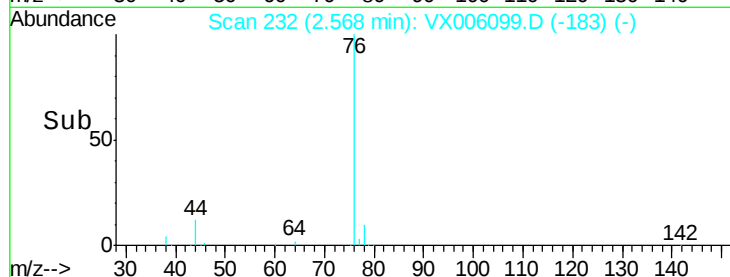
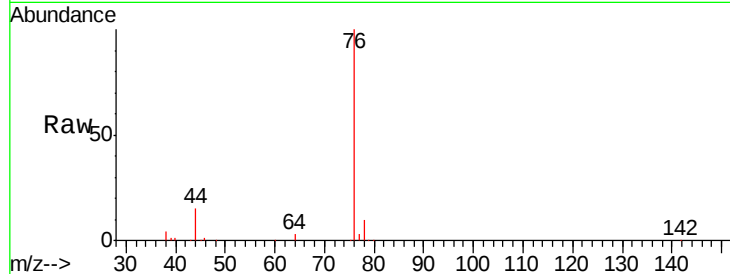
#17
Carbon Disulfide
Concen: 12.83 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion: 76 Resp: 46694
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

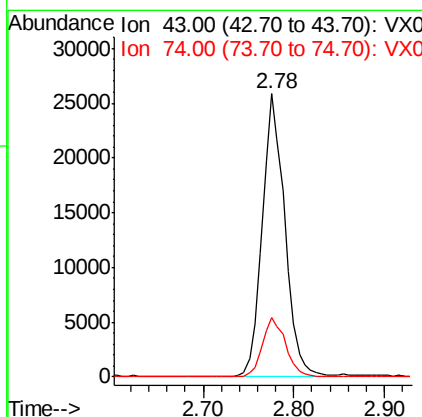
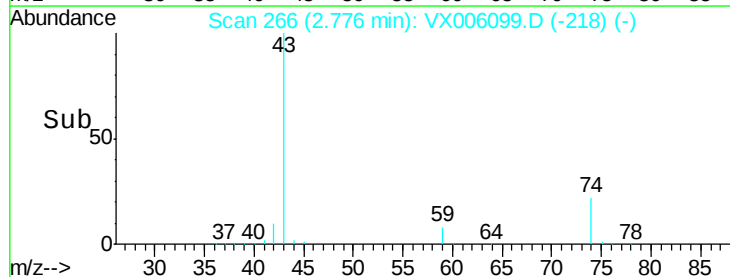
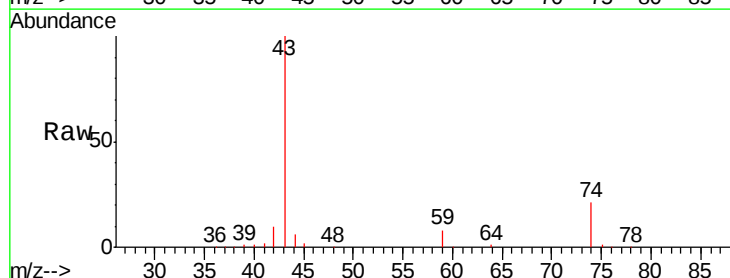
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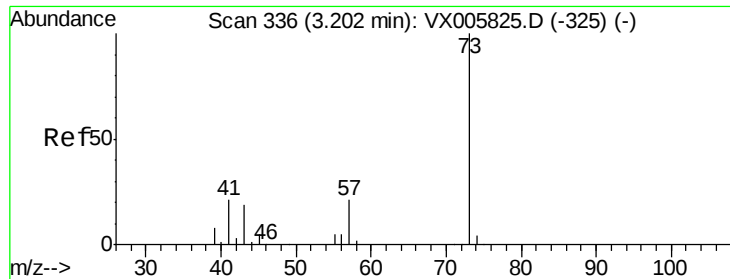
MMDadoda
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#18
Methyl Acetate
Concen: 18.69 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion: 43 Resp: 44922
Ion Ratio Lower Upper
43 100
74 21.4 16.8 25.2





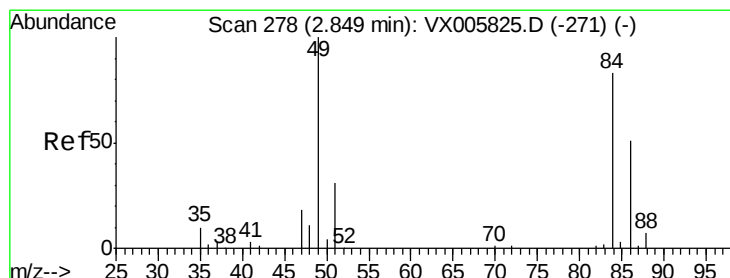
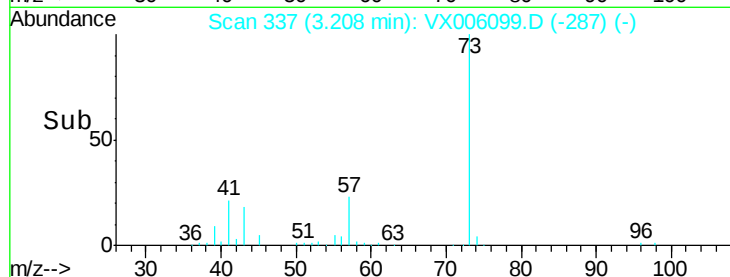
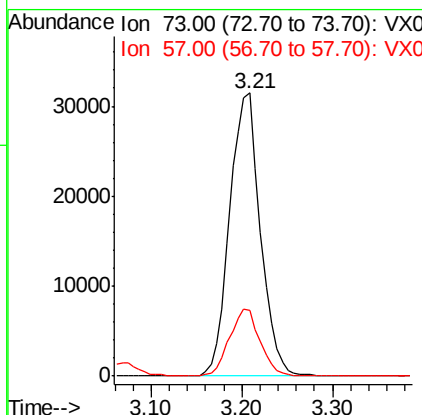
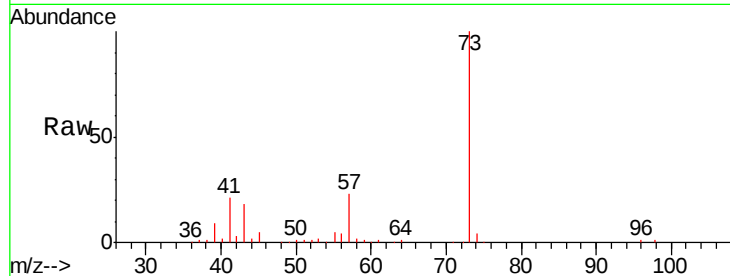
#19
Methyl tert-butyl Ether
Concen: 17.72 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion: 73 Resp: 73788
Ion Ratio Lower Upper
73 100
57 23.4 18.8 28.2

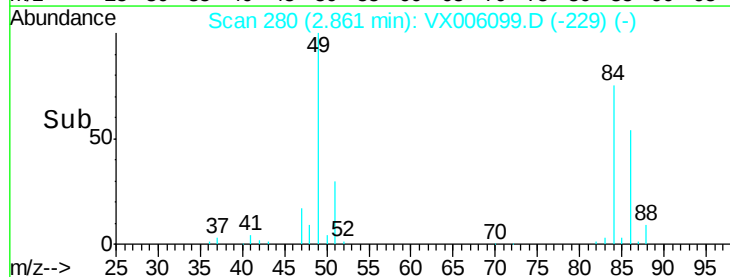
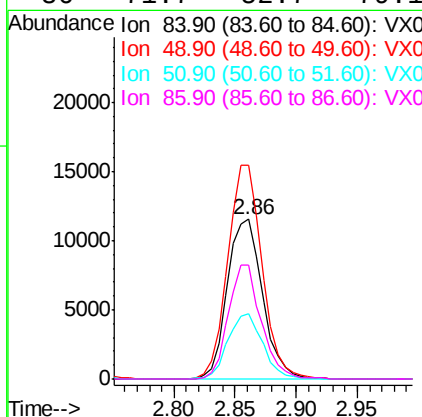
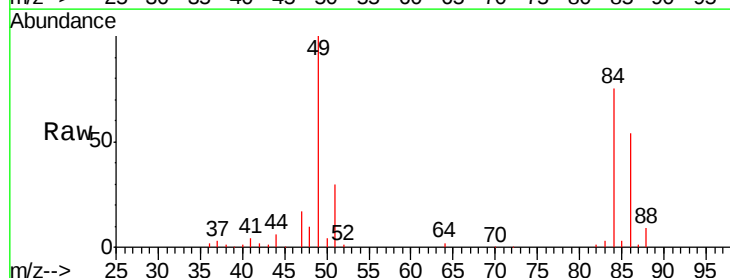
Manual Integrations
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#20
Methylene Chloride
Concen: 16.38 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion: 84 Resp: 22992
Ion Ratio Lower Upper
84 100
49 133.8 109.5 164.3
51 40.5 33.3 49.9
86 71.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 16.20 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBSD01

Tgt Ion: 96 Resp: 20847

Ion Ratio Lower Upper

96 100

61 143.2 115.6 173.4

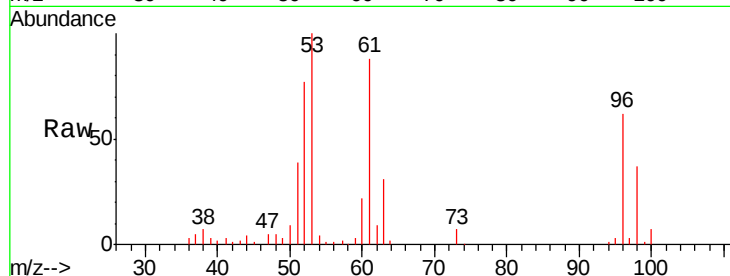
98 60.1 50.2 75.2

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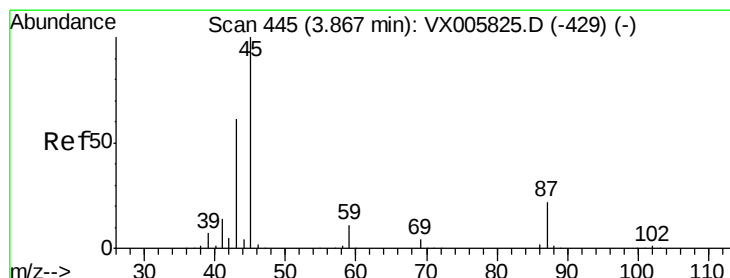
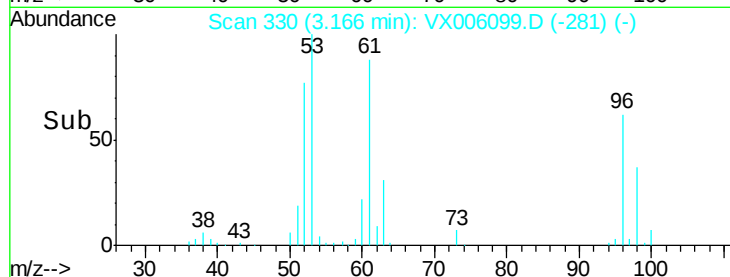
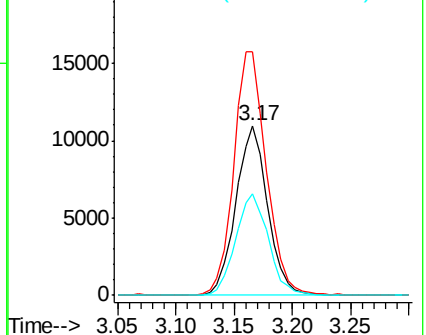
11/20/2018 9:59:49 AM



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: 17.29 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Tgt Ion: 45 Resp: 82524

Ion Ratio Lower Upper

45 100

43 61.2 47.4 71.2

87 29.1 15.9 23.9#

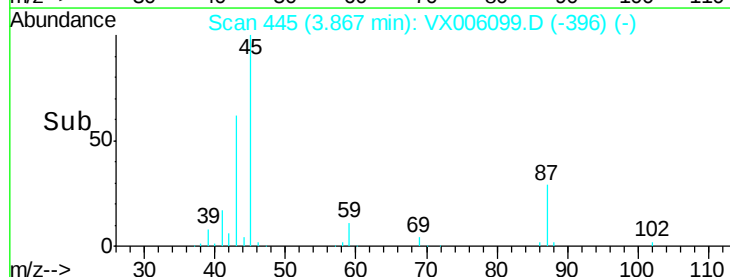
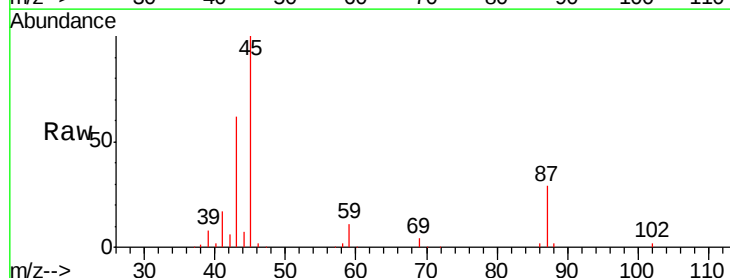
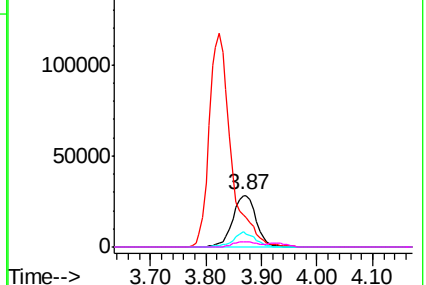
59 11.2 7.7 11.5

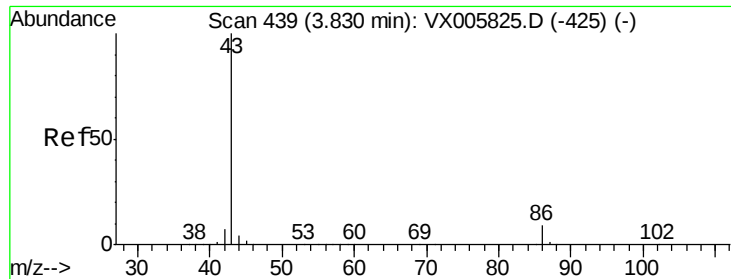
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 78.02 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBSD01

Tgt Ion: 43 Resp: 319331

Ion Ratio Lower Upper

43 100

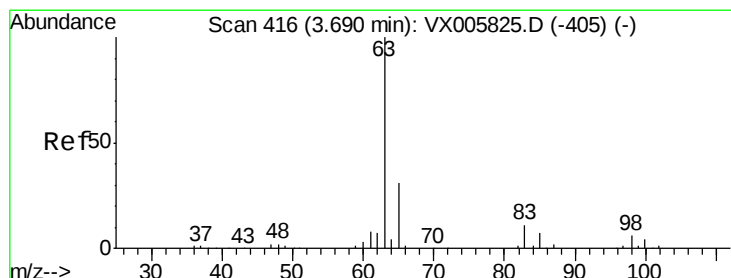
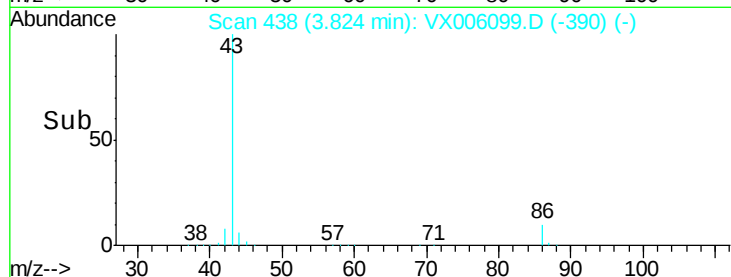
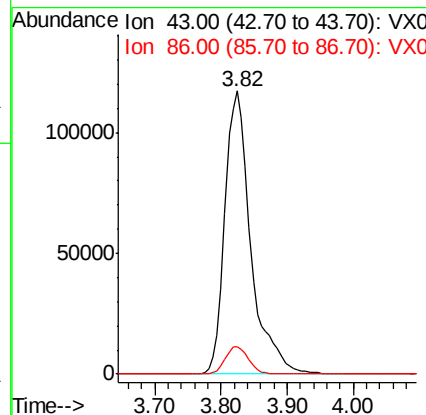
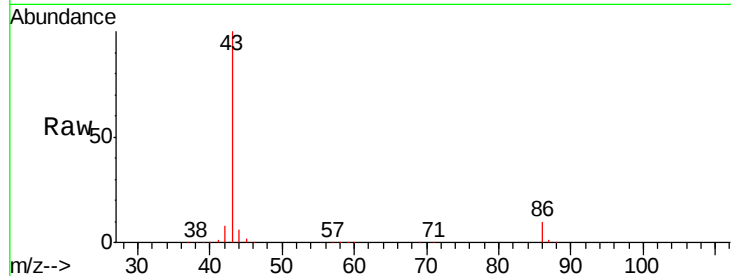
86 9.6 7.4 11.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.04 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

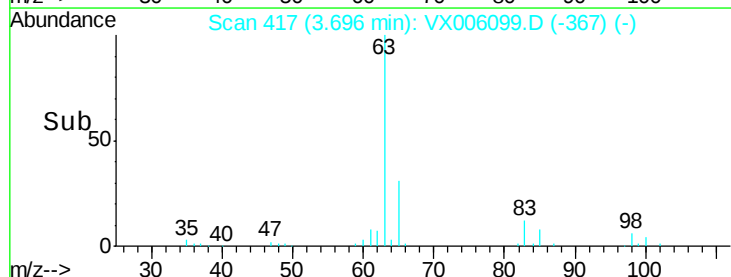
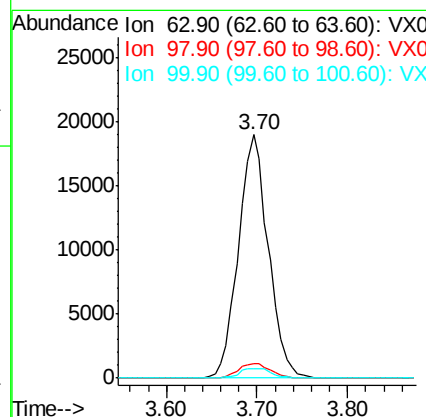
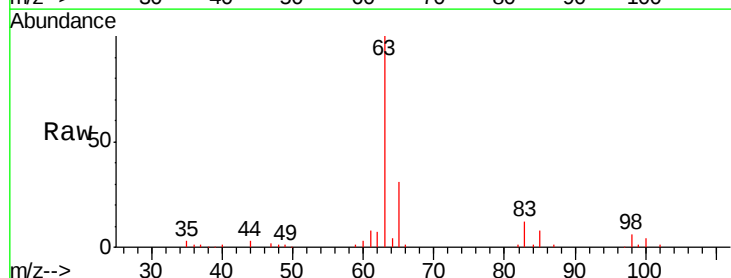
Tgt Ion: 63 Resp: 43394

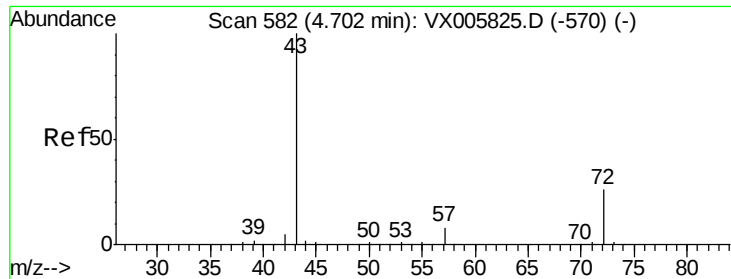
Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 87.96 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBSD01

Tgt Ion: 43 Resp: 118155

Ion Ratio Lower Upper

43 100

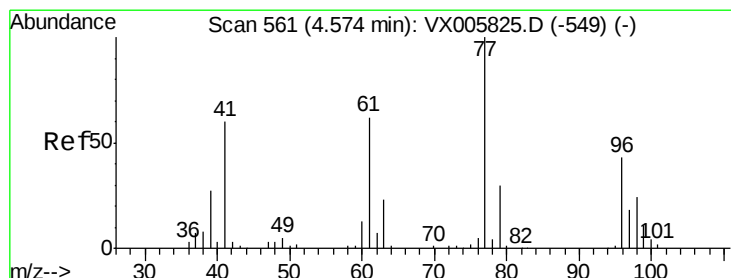
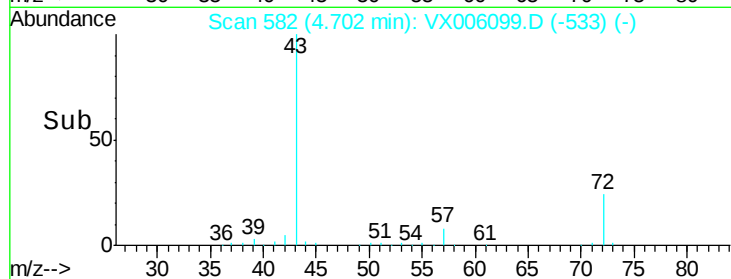
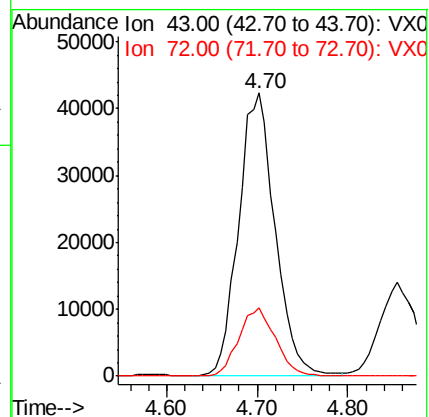
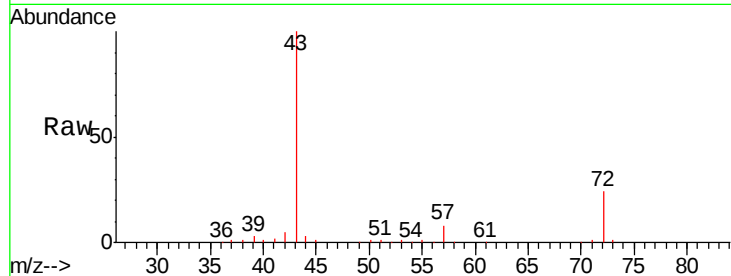
72 23.9 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 15.11 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006099.D

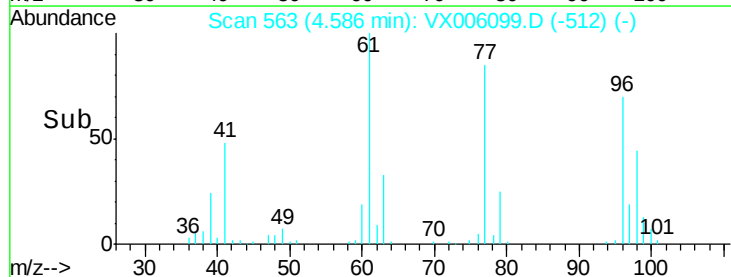
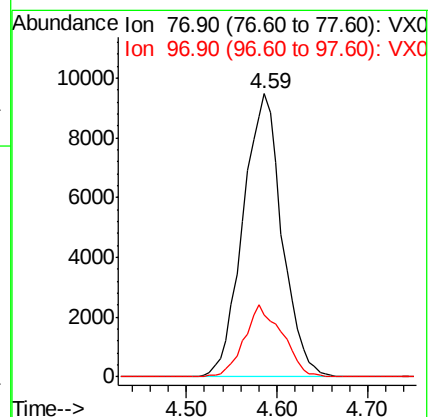
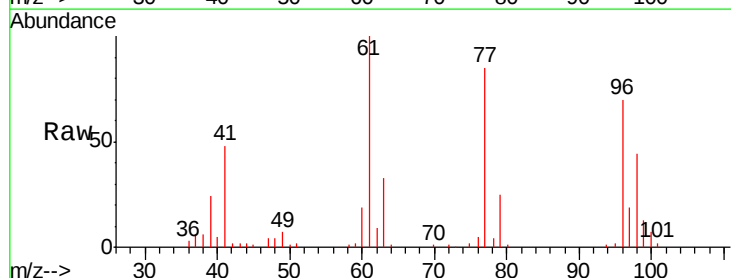
Acq: 19 Nov 2018 18:47

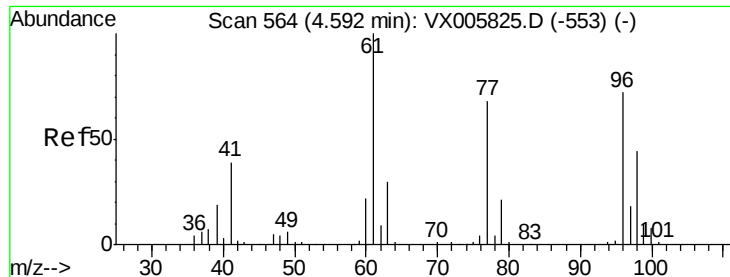
Tgt Ion: 77 Resp: 28221

Ion Ratio Lower Upper

77 100

97 24.9 11.5 34.5





#27

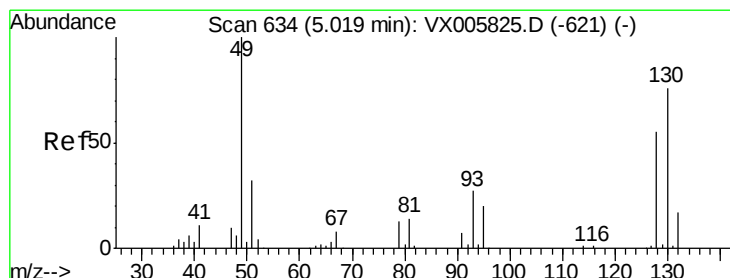
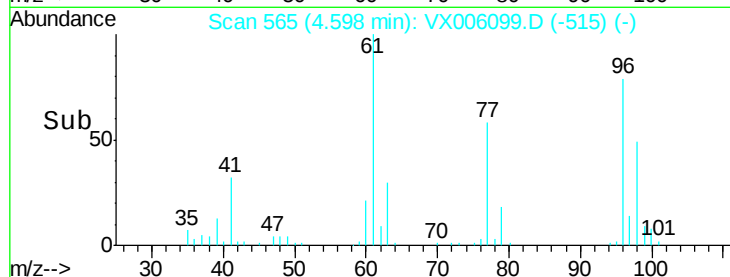
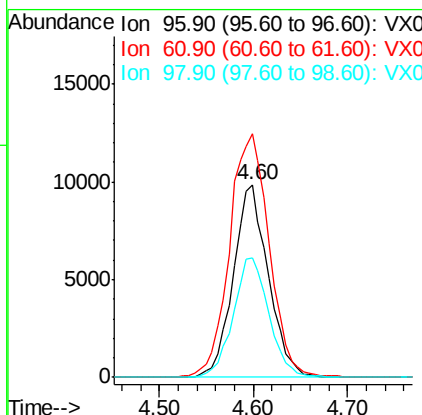
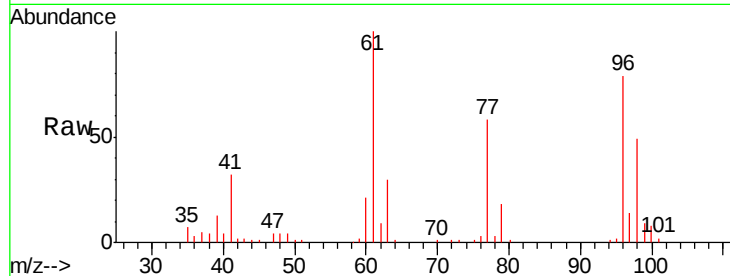
cis-1,2-Dichloroethene
Concen: 17.94 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	304.6
98	63.5	0.0	127.4

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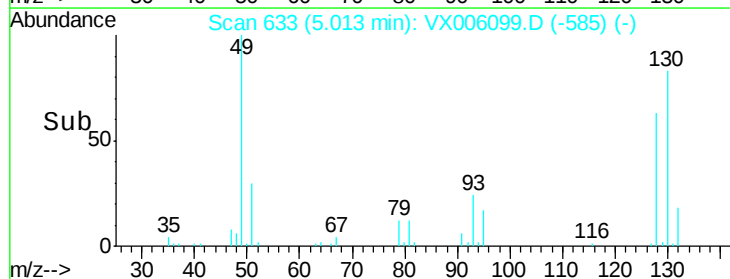
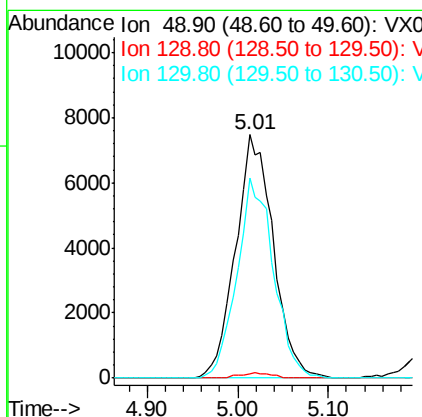
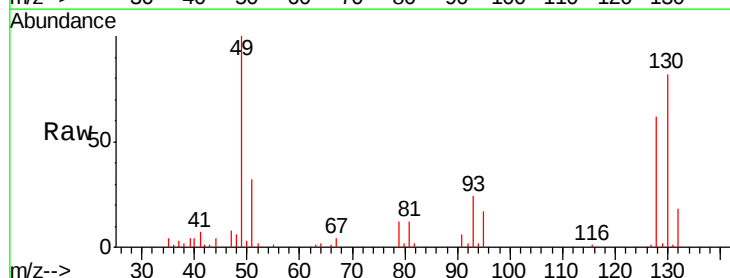
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#28

Bromochloromethane
Concen: 18.89 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	79.6	58.9	88.3





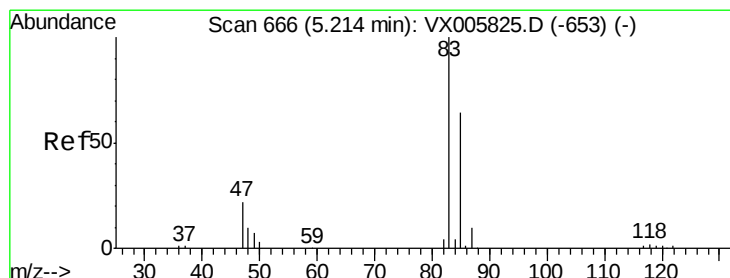
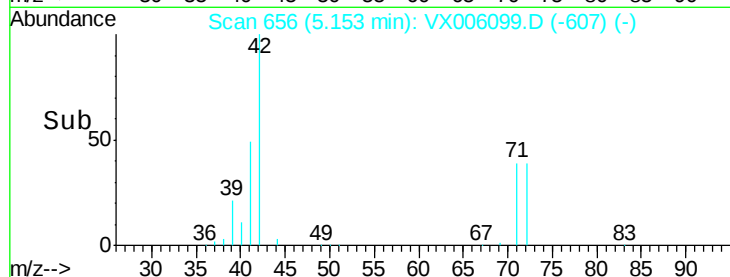
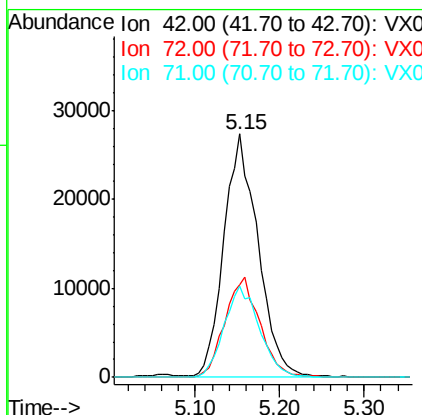
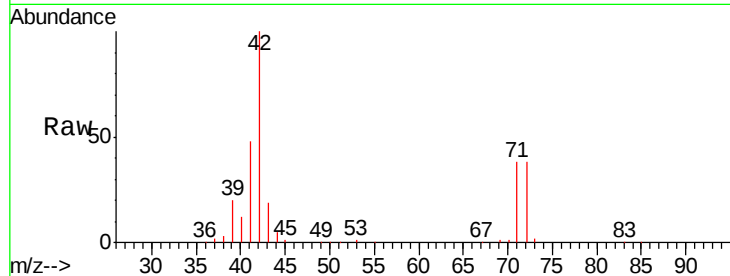
#29
Tetrahydrofuran
Concen: 87.30 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.5	32.0	48.0
71	39.0	29.8	44.8

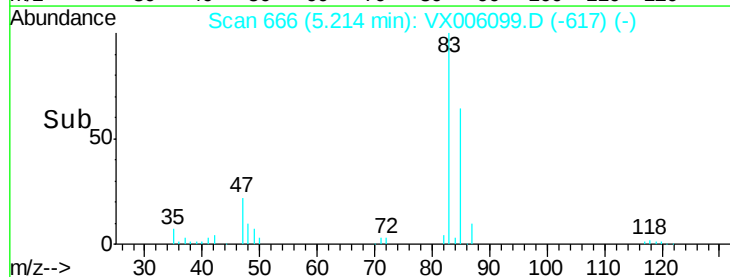
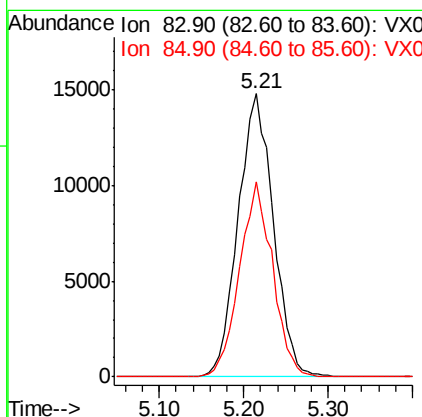
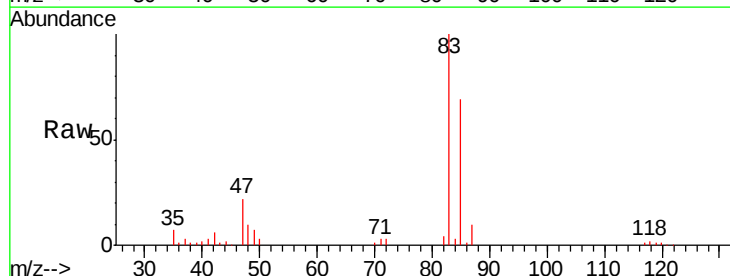
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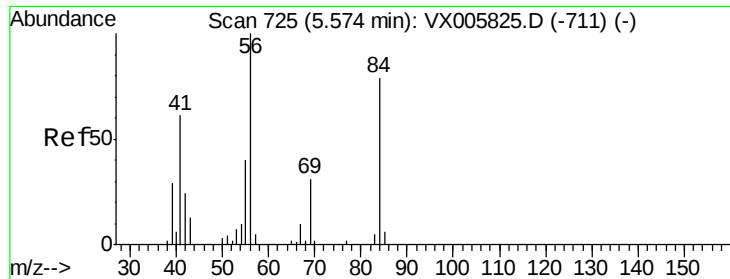
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#30
Chloroform
Concen: 17.05 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.9	50.6	76.0





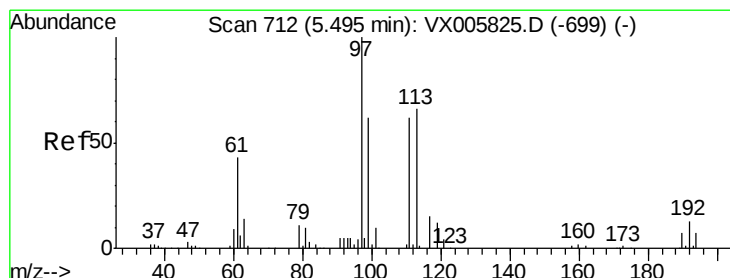
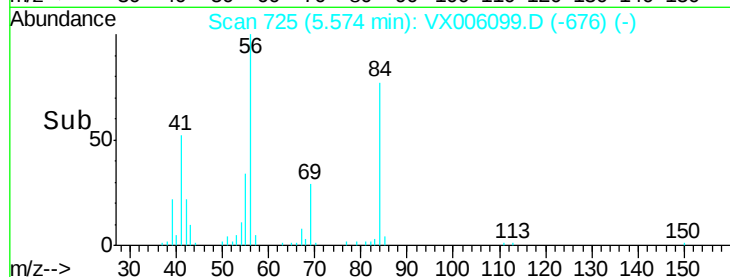
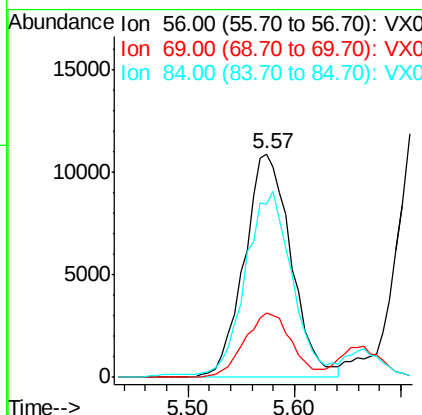
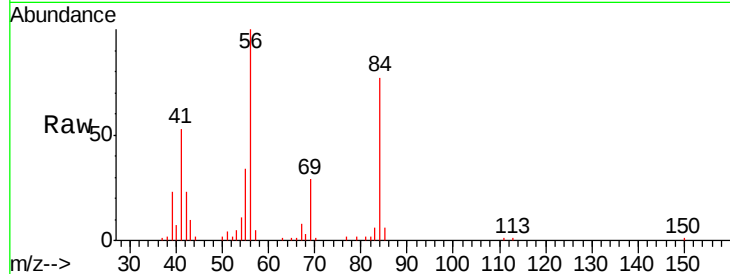
#31
Cyclohexane
Concen: 15.17 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.0	22.6	34.0
84	75.8	62.7	94.1

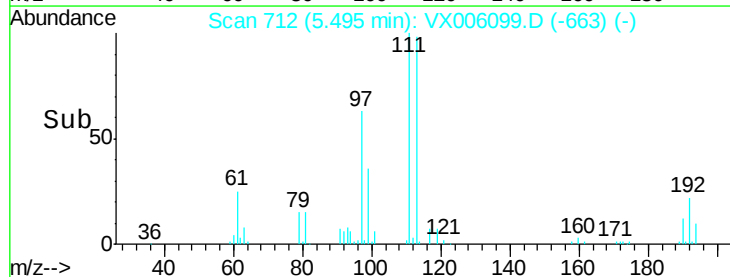
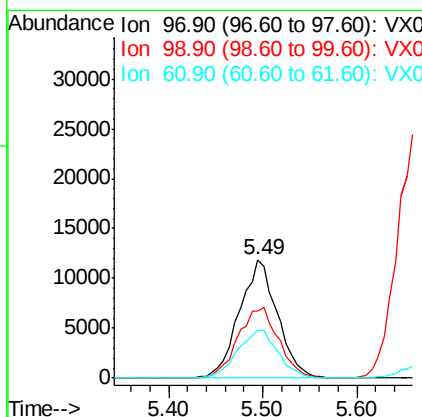
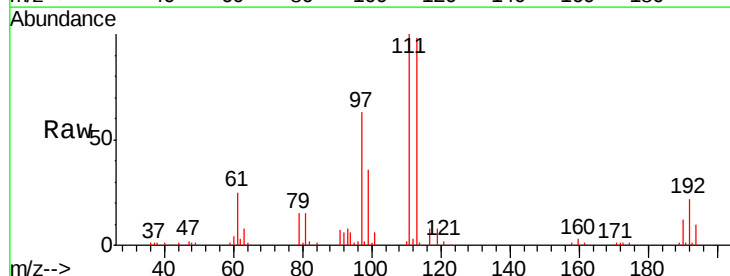
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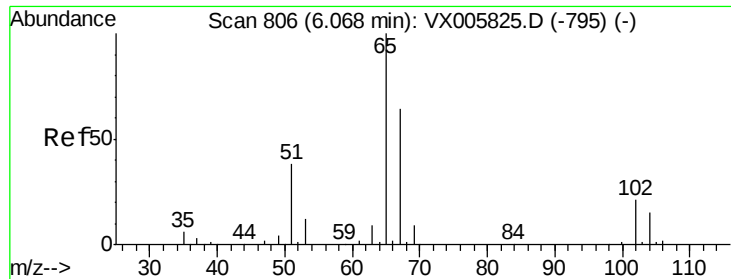
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#32
1,1,1-Trichloroethane
Concen: 16.35 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	52.3	78.5
61	42.9	35.2	52.8





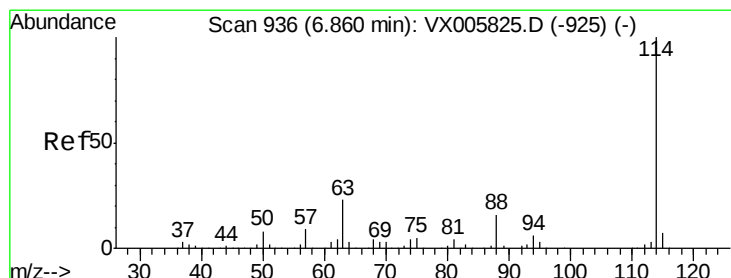
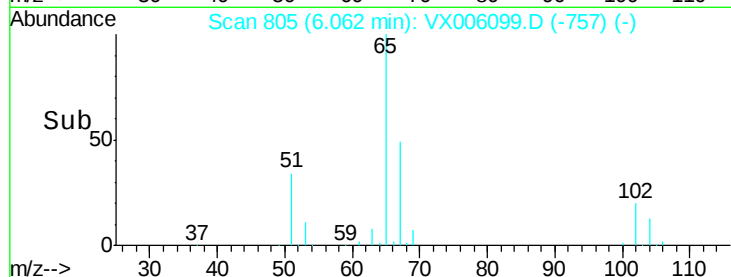
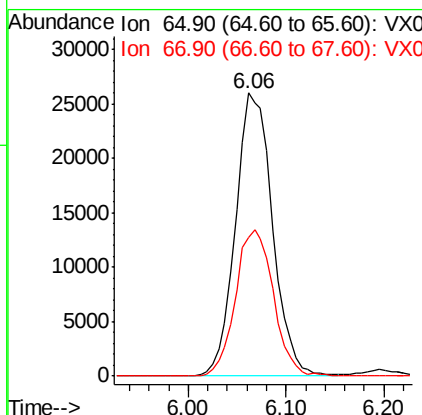
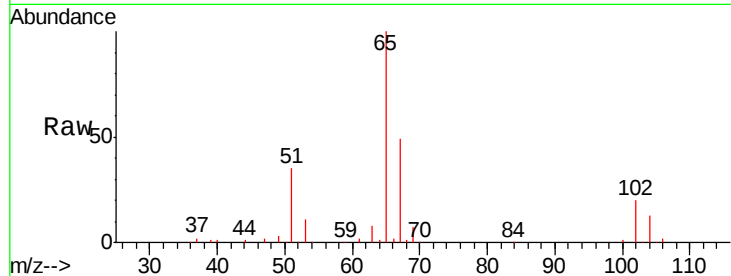
#33
 1,2-Dichloroethane-d4
 Concen: 42.94 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBSD01

Tgt Ion: 65 Resp: 68142
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0

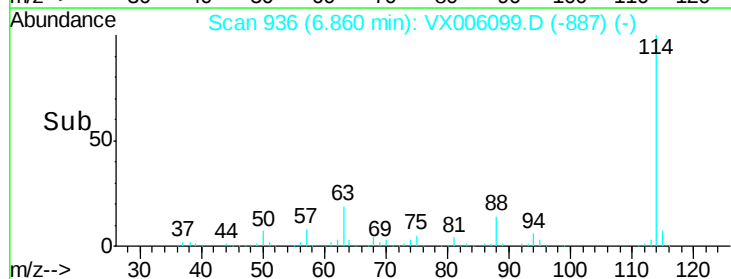
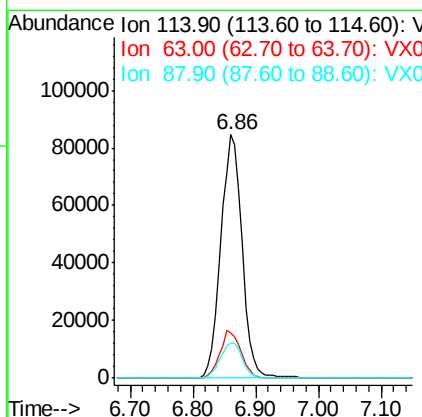
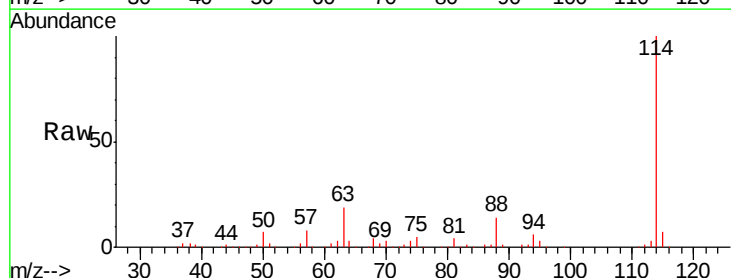
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Tgt Ion: 114 Resp: 199246
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.8
 88 14.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 43.29 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

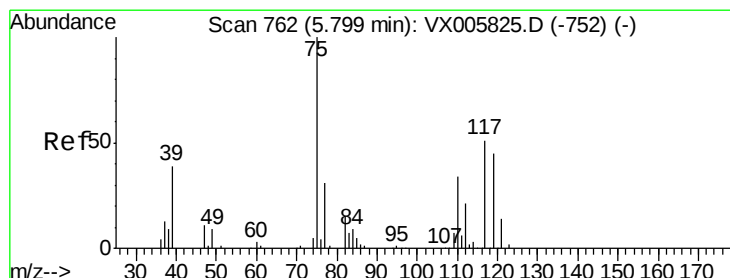
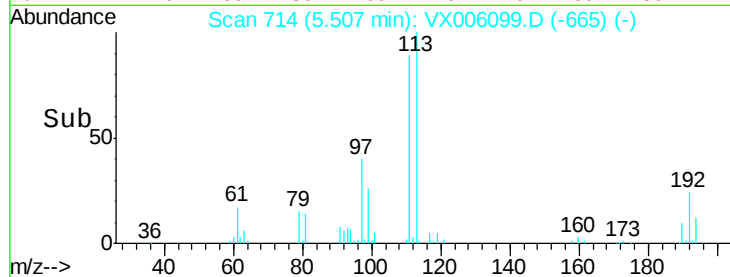
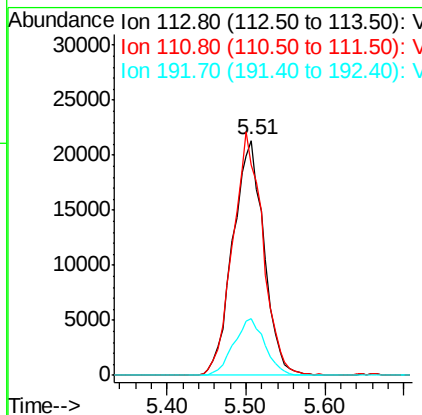
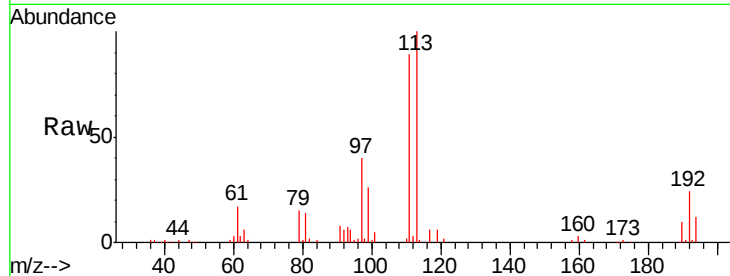
ClientSampleId :

VX1119WBSD01

Tgt Ion:	113	Resp:	58665
Ion	Ratio	Lower	Upper
113	100		
111	100.0	82.3	123.5
192	24.1	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 15.34 ug/l

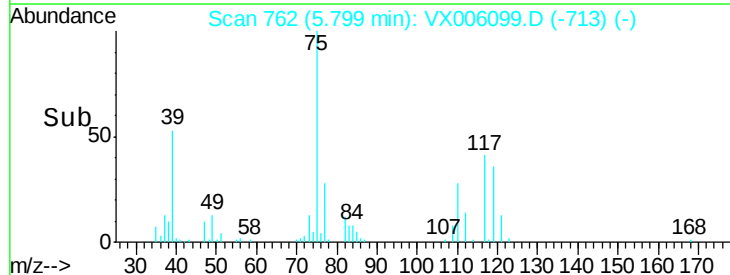
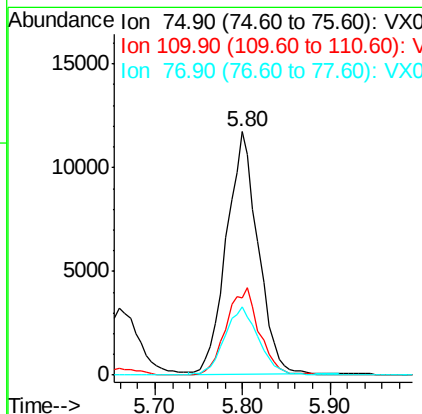
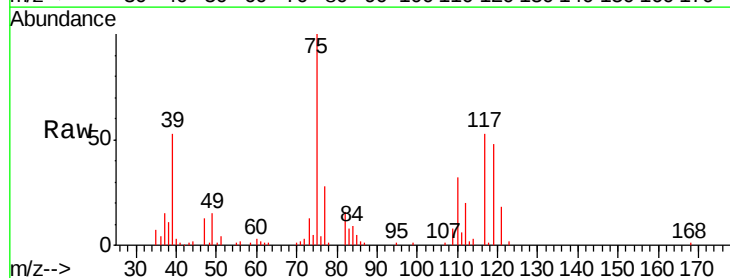
RT: 5.80 min Scan# 762

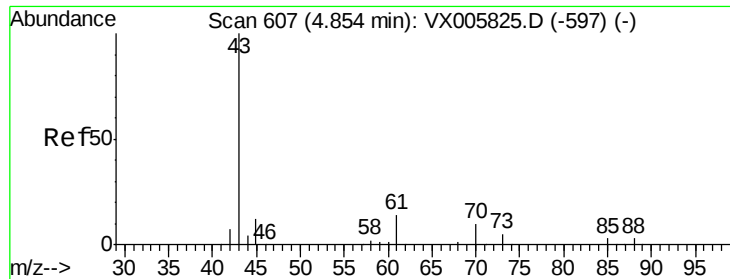
Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Tgt Ion:	75	Resp:	29473
Ion	Ratio	Lower	Upper
75	100		
110	37.4	17.4	52.2
77	29.8	25.8	38.6





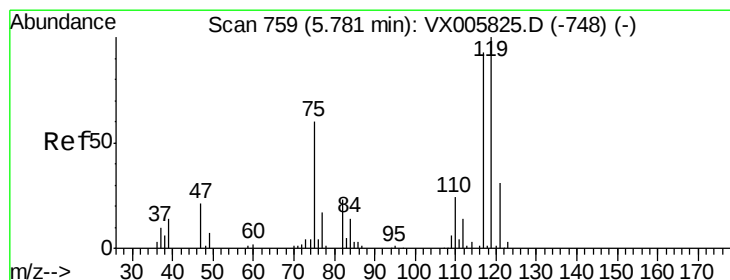
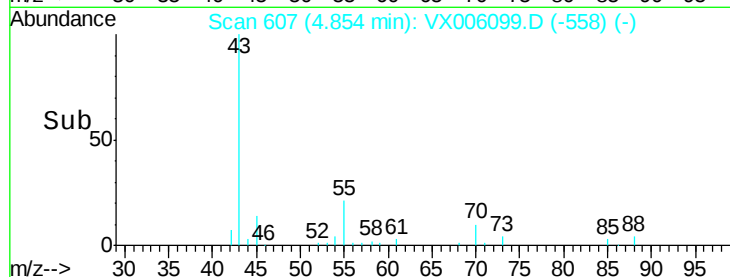
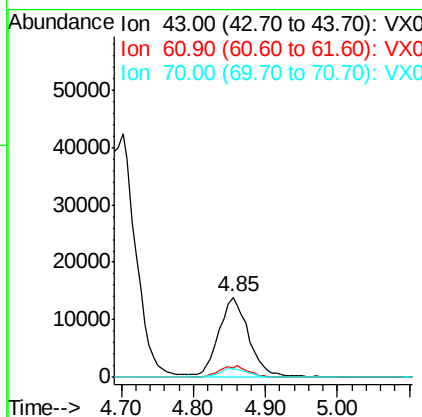
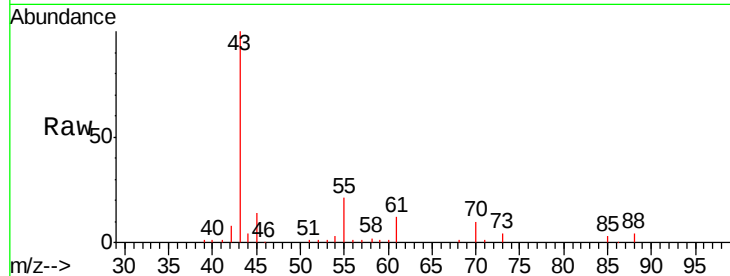
#37
Ethyl Acetate
Concen: 16.00 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion: 43 Resp: 40420
Ion Ratio Lower Upper
43 100
61 14.2 10.8 16.2
70 10.4 7.8 11.8

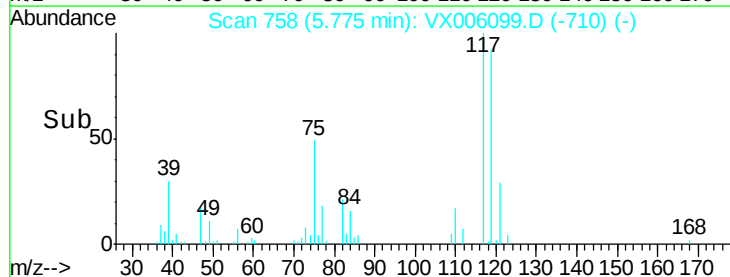
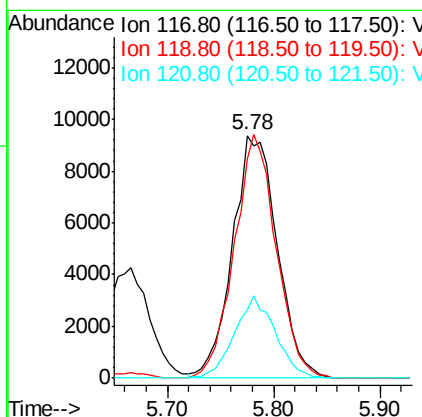
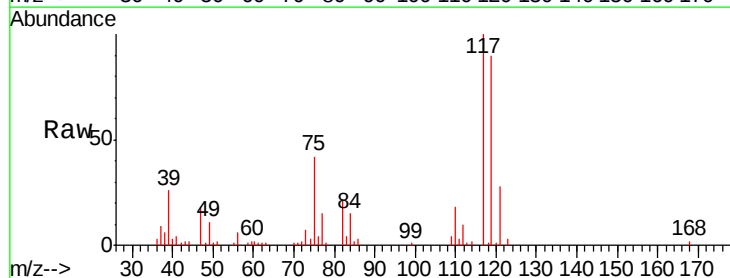
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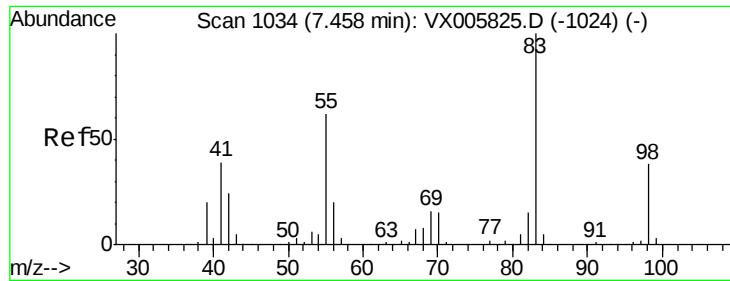
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#38
Carbon Tetrachloride
Concen: 14.36 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion: 117 Resp: 27606
Ion Ratio Lower Upper
117 100
119 90.3 78.1 117.1
121 28.1 24.6 36.8





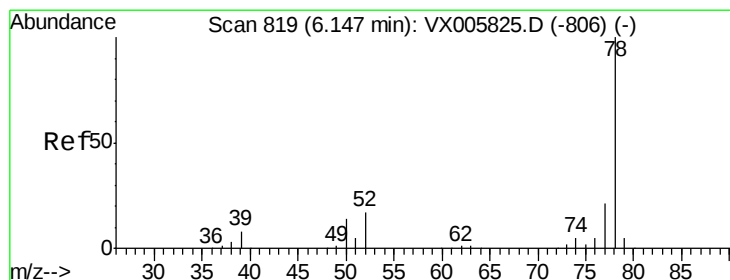
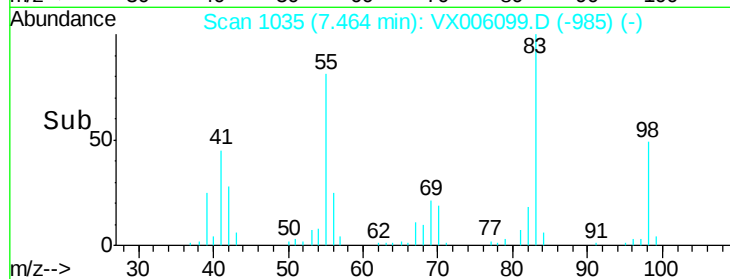
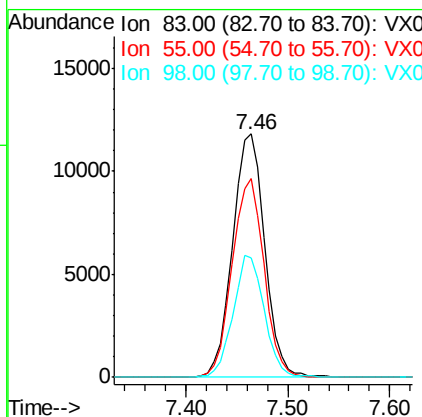
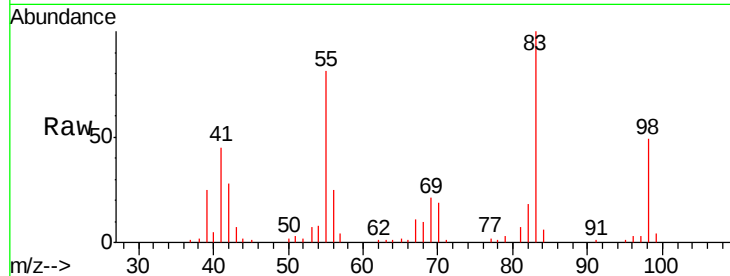
#39
Methylcyclohexane
Concen: 13.25 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.4	63.7	95.5
98	49.1	36.2	54.2

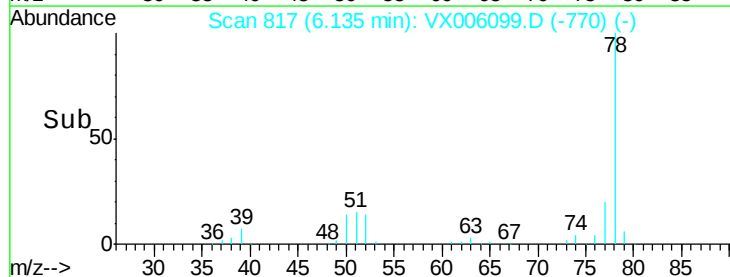
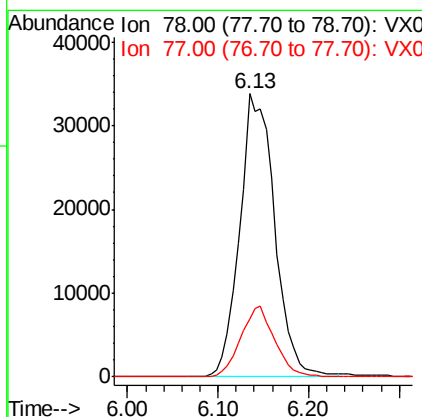
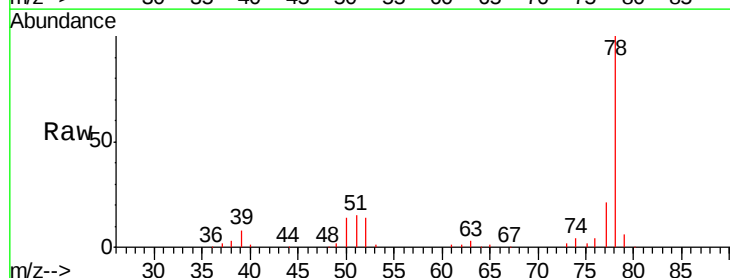
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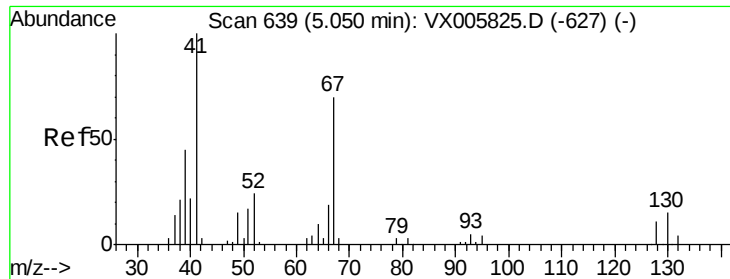
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#40
Benzene
Concen: 16.13 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.7	18.4	27.6





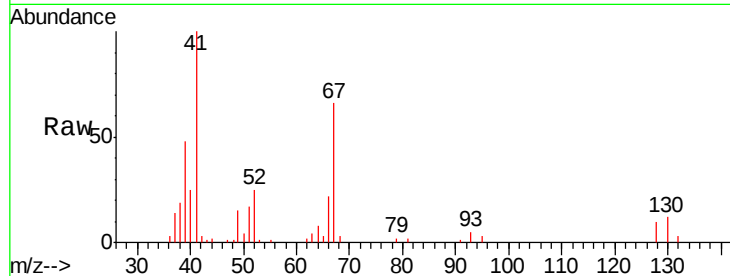
#41
Methacrylonitrile
Concen: 17.19 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

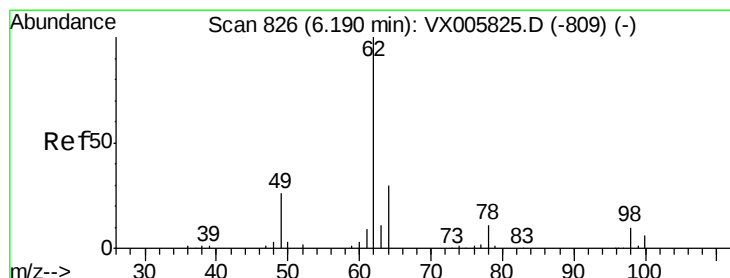
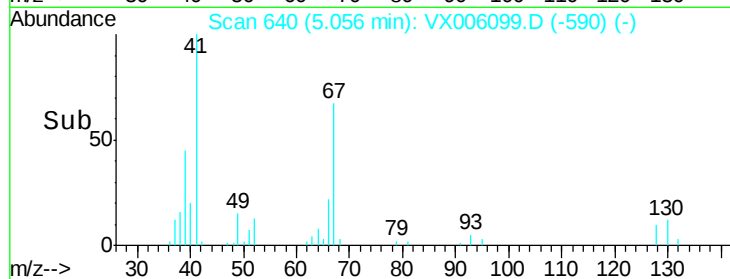
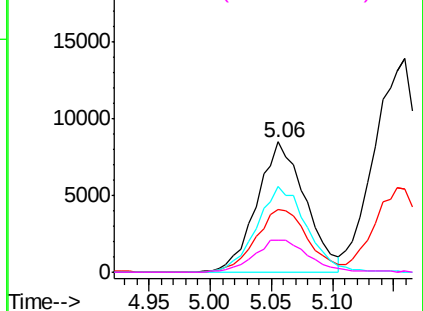
Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.1	42.2	63.2	
67	68.1	53.4	80.0	
52	27.5	23.4	35.2	

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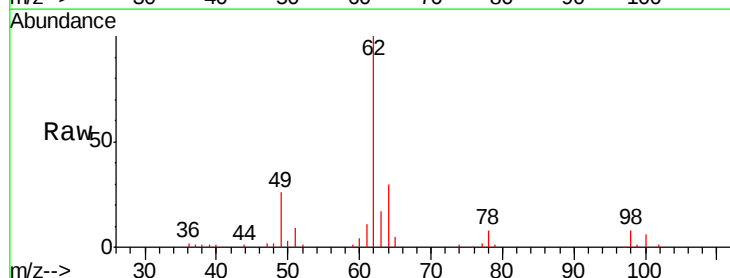


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

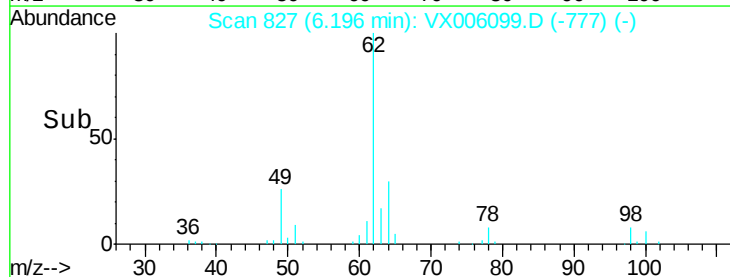
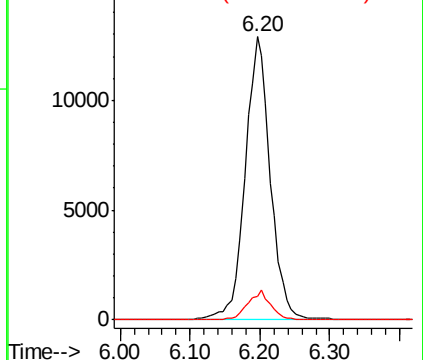


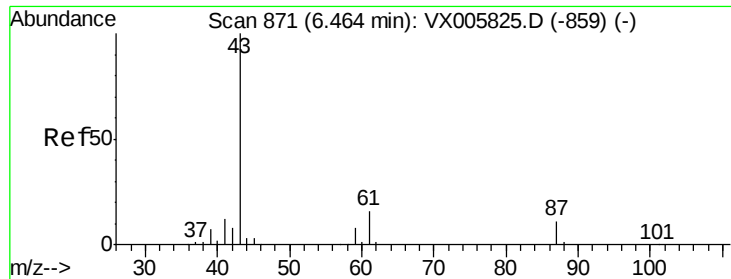
#42
1,2-Dichloroethane
Concen: 15.96 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	17.8	



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





#43

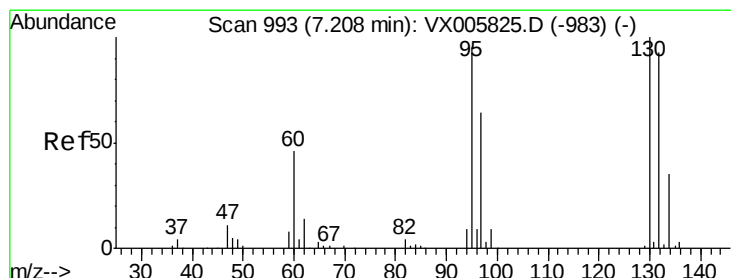
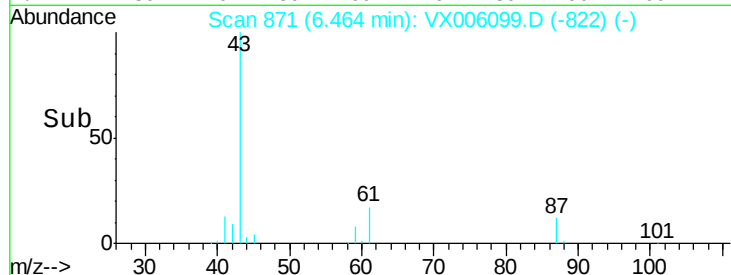
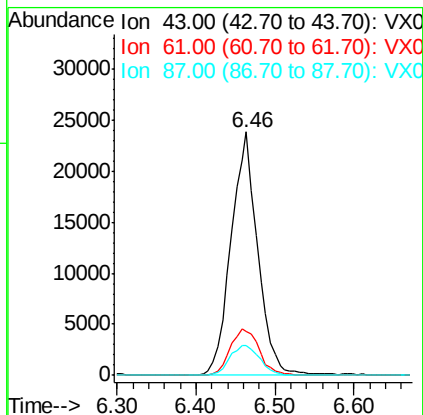
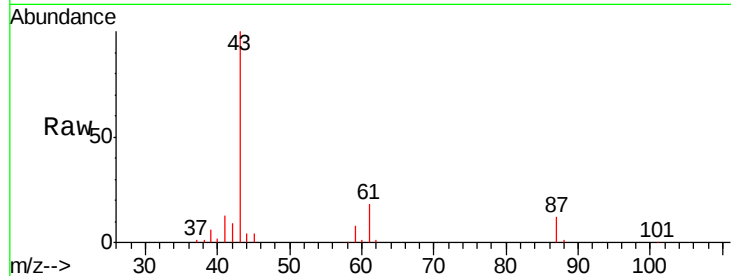
Isopropyl Acetate
 Concen: 15.40 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.7	14.6	22.0
87	13.6	9.6	14.4

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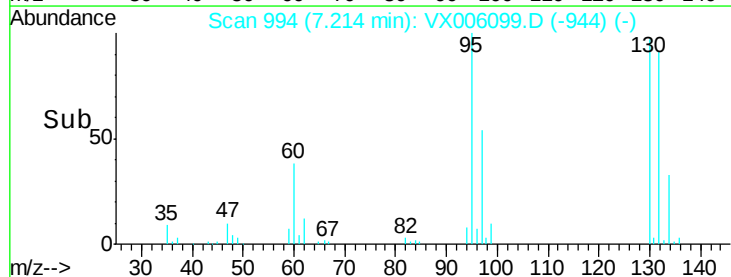
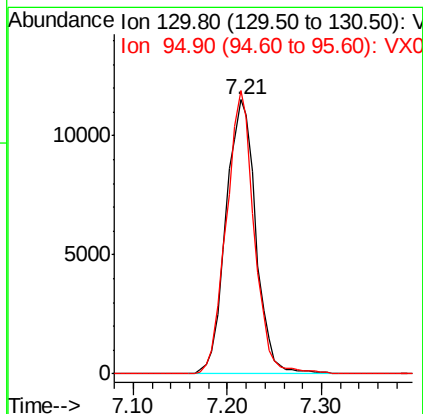
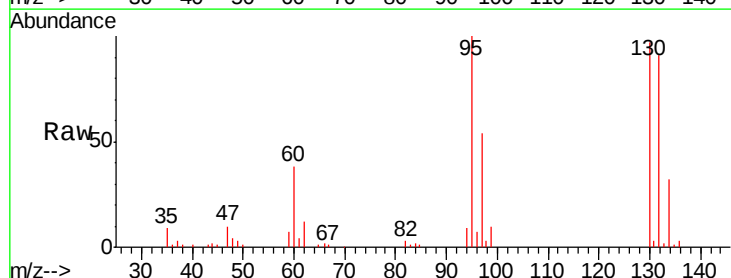
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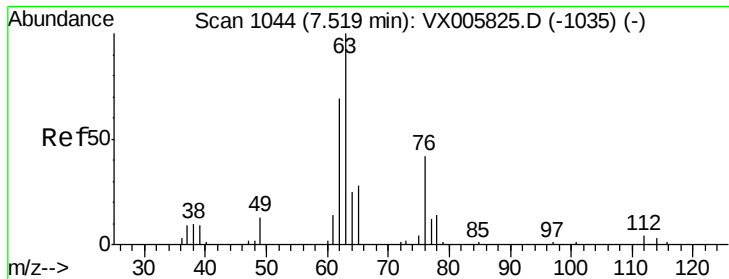


#44

Trichloroethene
 Concen: 17.75 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	194.2





#45

1,2-Dichloropropane

Concen: 16.38 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBSD01

Tgt Ion: 63 Resp: 22258

Ion Ratio Lower Upper

63 100

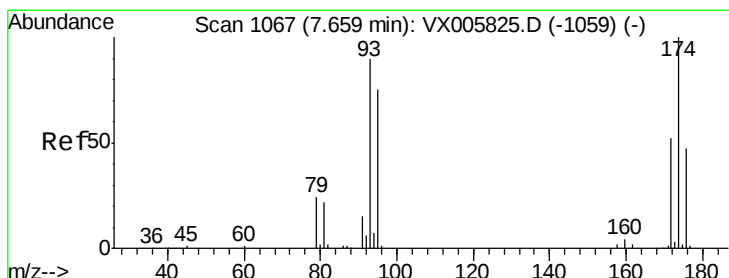
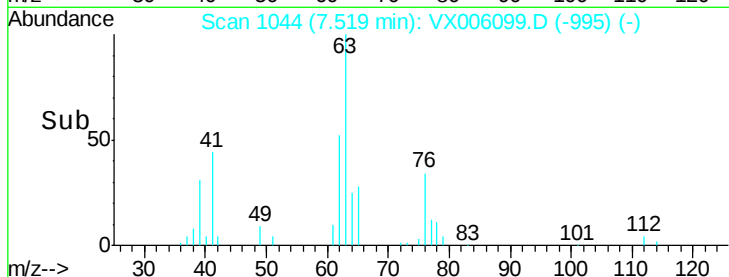
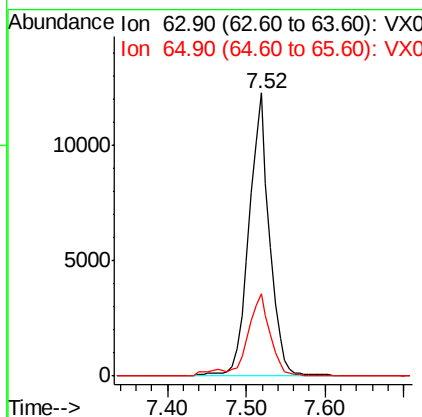
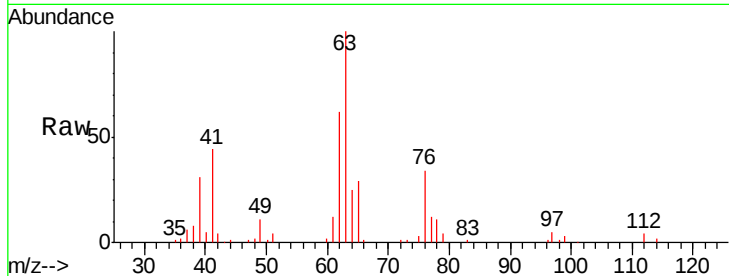
65 29.3 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 15.90 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

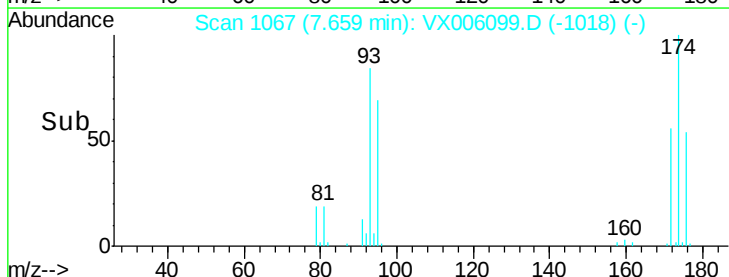
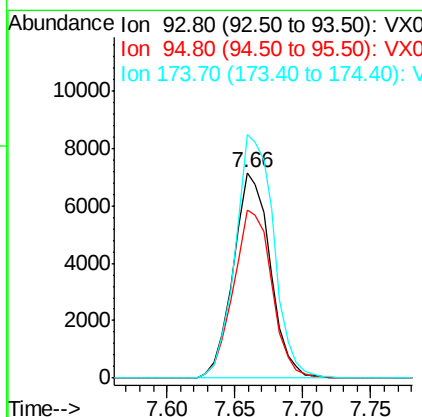
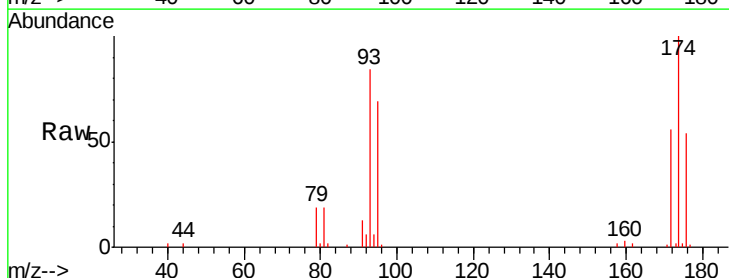
Tgt Ion: 93 Resp: 13564

Ion Ratio Lower Upper

93 100

95 84.8 67.4 101.0

174 123.1 91.5 137.3





#47

Bromodichloromethane

Concen: 15.91 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

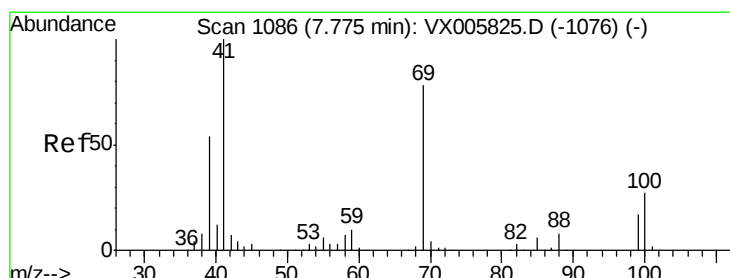
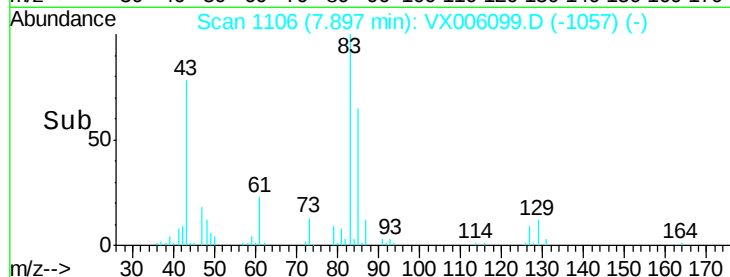
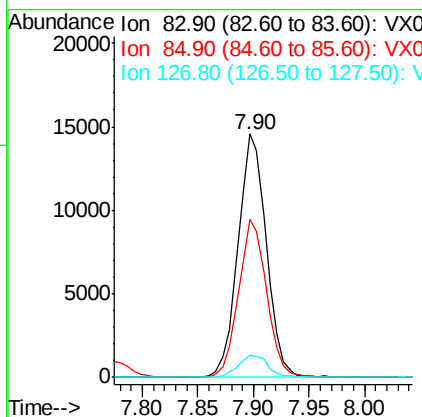
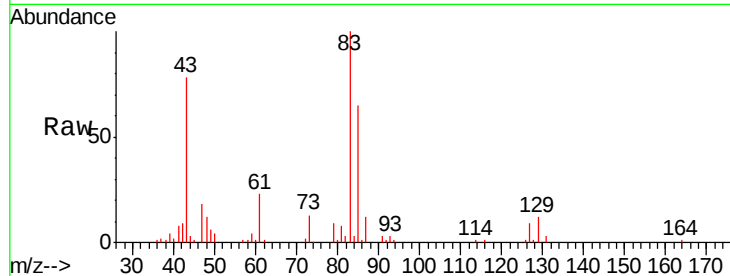
ClientSampleId :

VX1119WBSD01

Tgt Ion:	83	Resp:	25643
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.2	75.4
127	8.9	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 15.85 ug/l

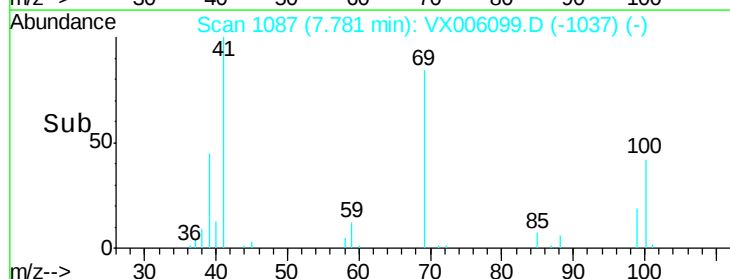
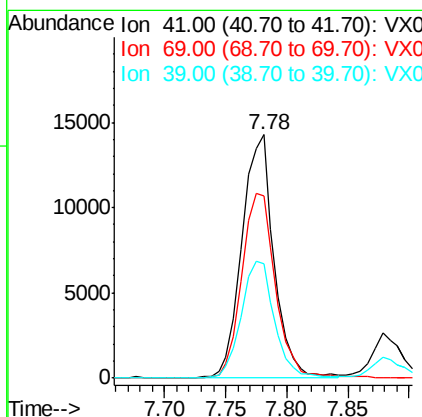
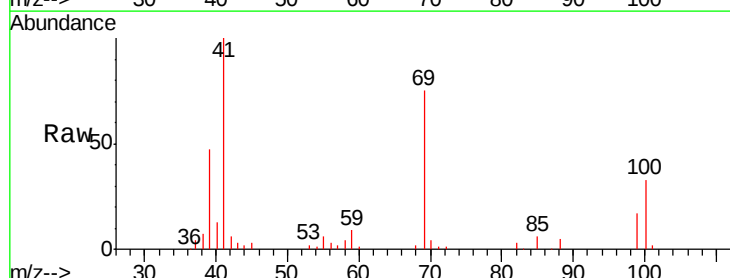
RT: 7.78 min Scan# 1087

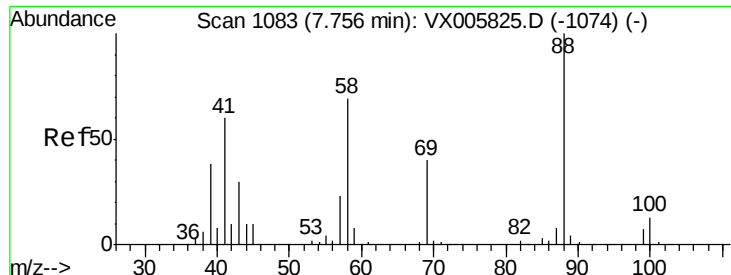
Delta R.T. 0.01 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Tgt Ion:	41	Resp:	26044
Ion	Ratio	Lower	Upper
41	100		
69	80.1	63.2	94.8
39	49.8	42.2	63.2





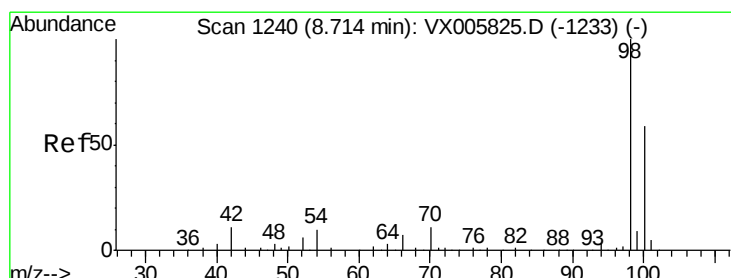
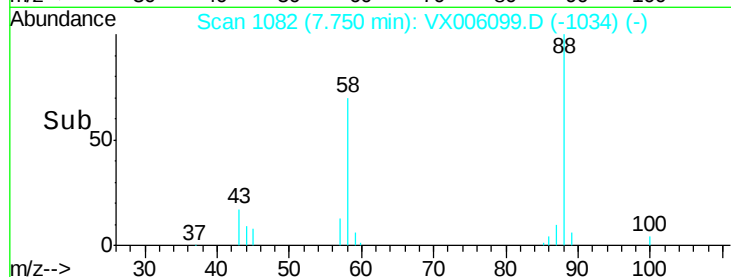
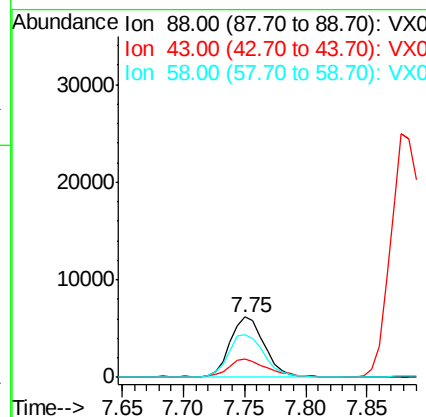
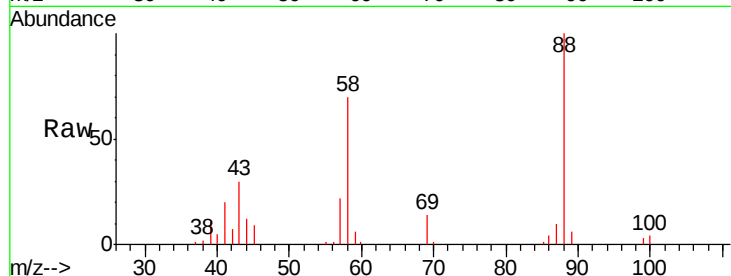
#49
1,4-Dioxane
Concen: 338.74 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.4	27.4	41.0
58	74.1	59.4	89.2

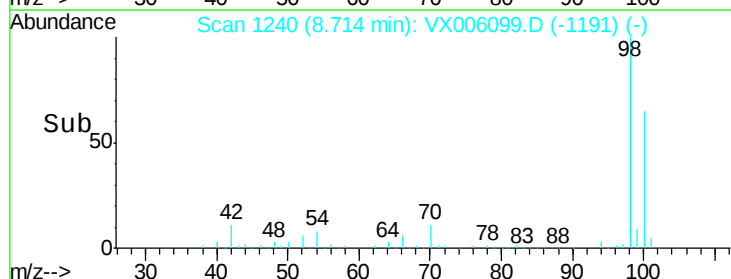
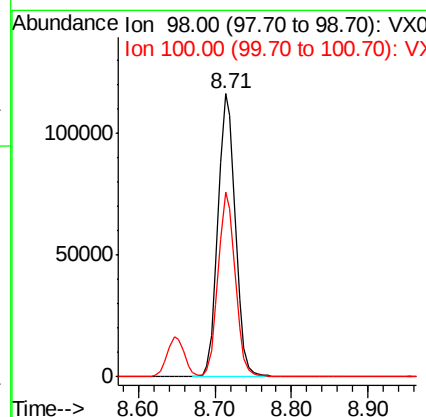
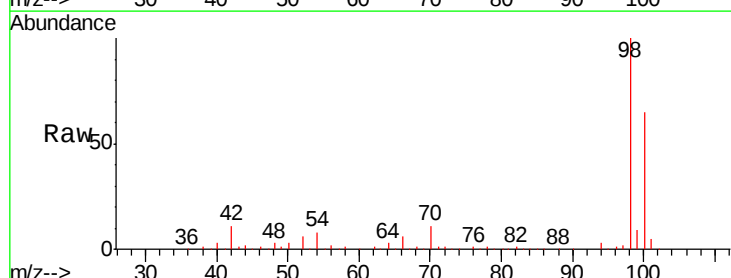
Manual Integrations
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#50
Toluene-d8
Concen: 40.86 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.3	76.9





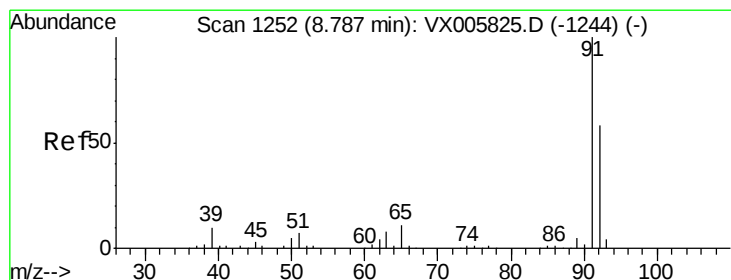
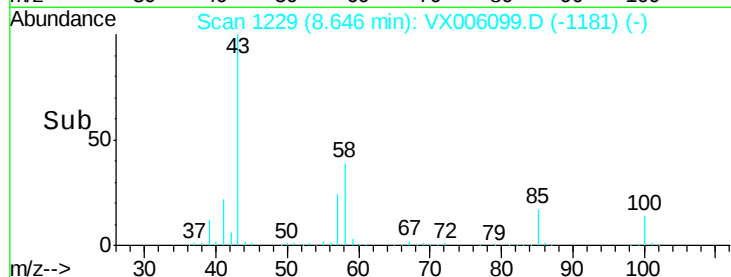
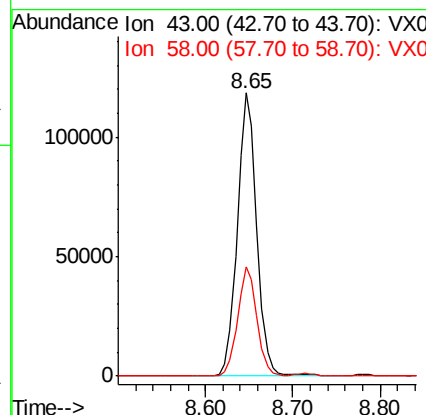
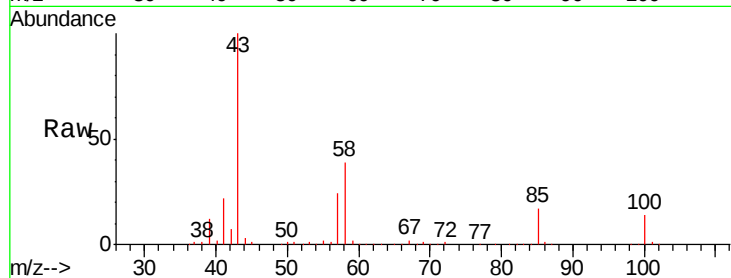
#51
4-Methyl-2-Pentanone
Concen: 79.75 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion: 43 Resp: 183955
Ion Ratio Lower Upper
43 100
58 38.3 29.7 44.5

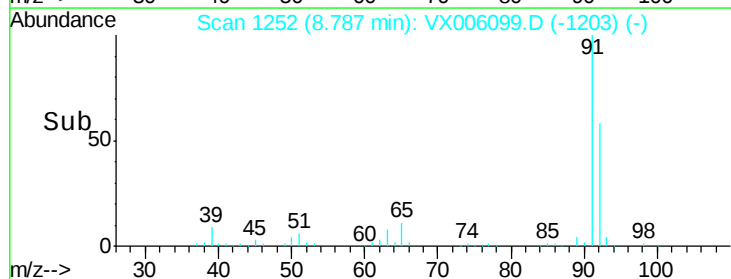
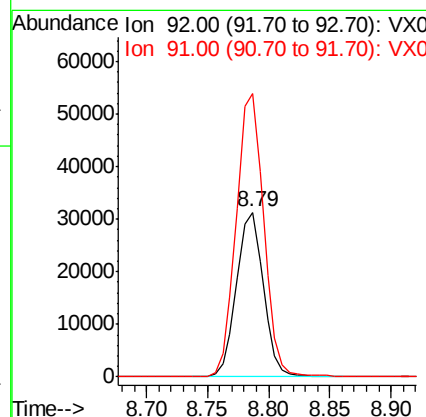
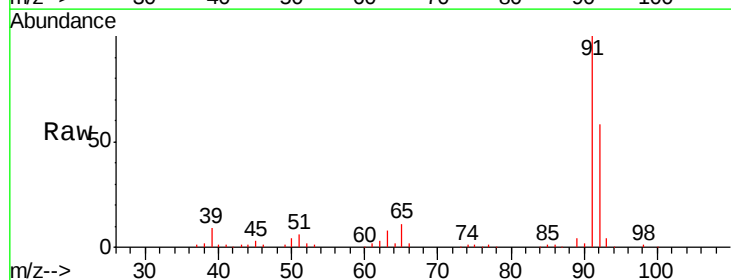
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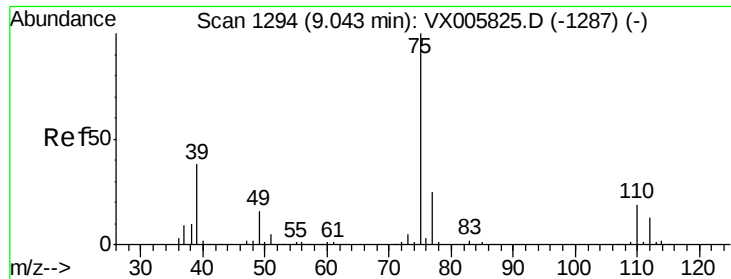
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#52
Toluene
Concen: 15.26 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion: 92 Resp: 47753
Ion Ratio Lower Upper
92 100
91 176.2 140.4 210.6





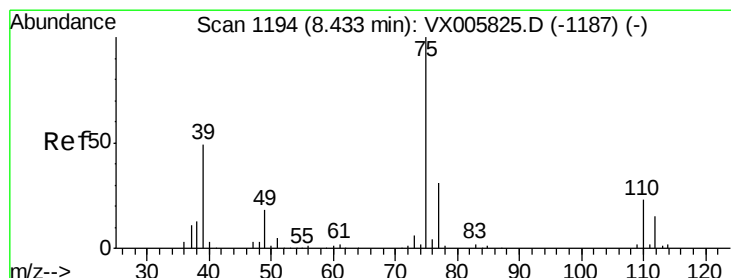
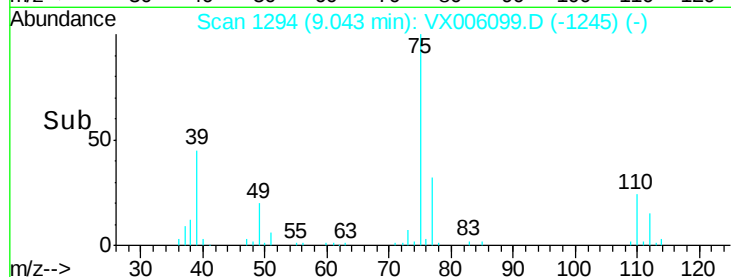
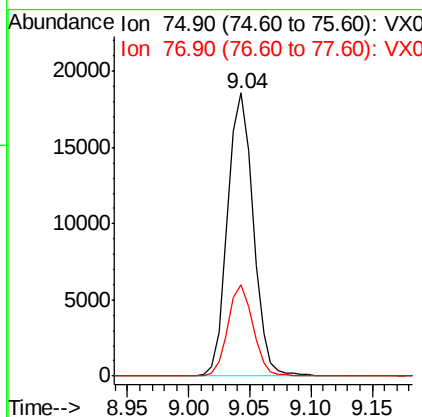
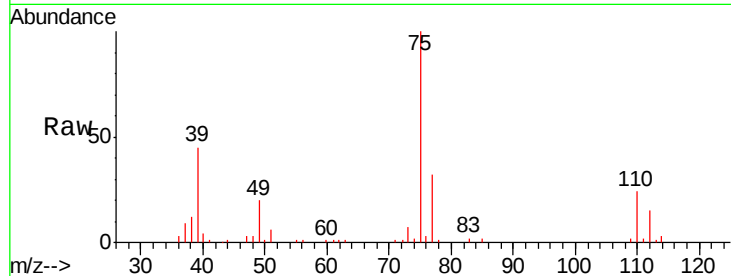
#53
 t-1,3-Dichloropropene
 Concen: 14.23 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBSD01

Tgt Ion: 75 Resp: 27064
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.2

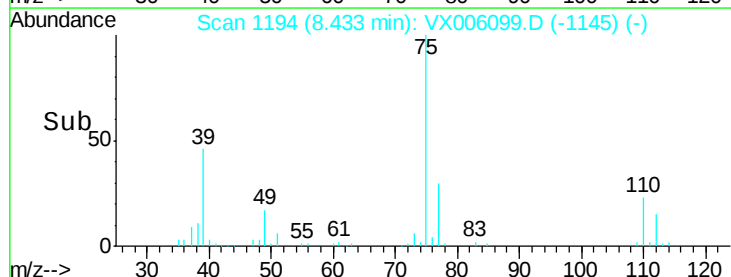
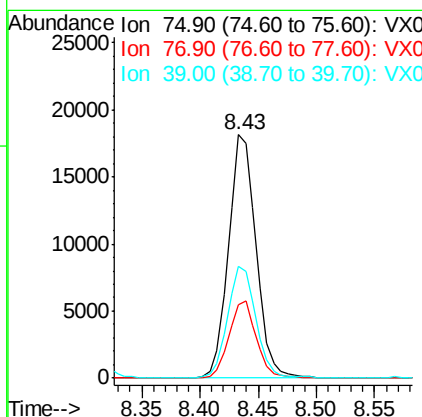
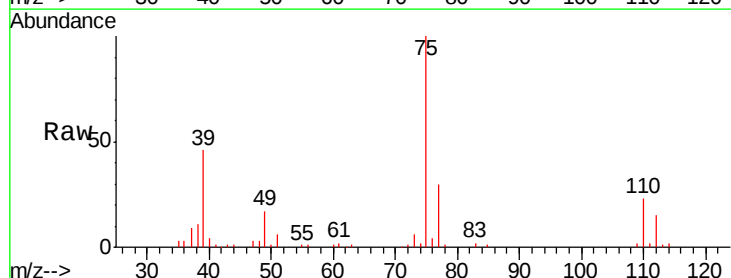
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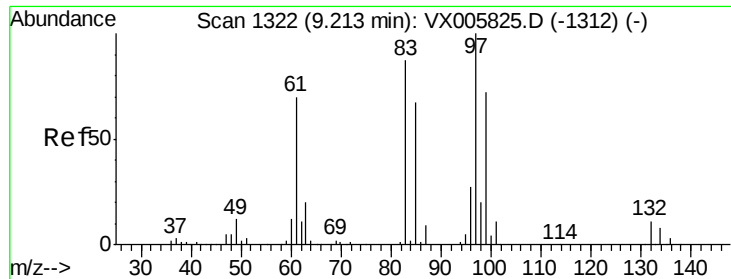
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#54
 cis-1,3-Dichloropropene
 Concen: 15.40 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Tgt Ion: 75 Resp: 29852
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.2 37.8
 39 46.0 38.2 57.2





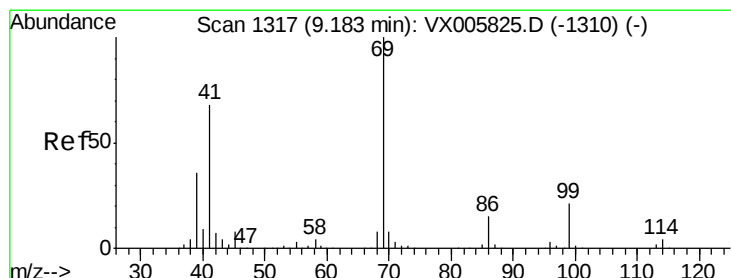
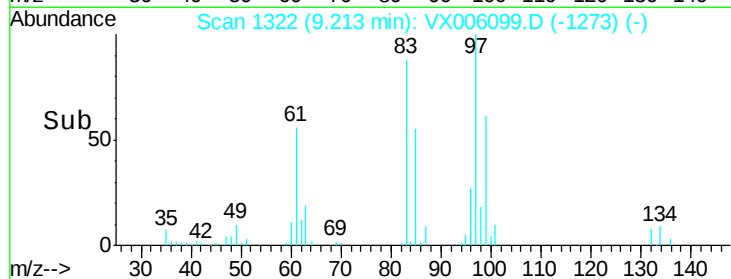
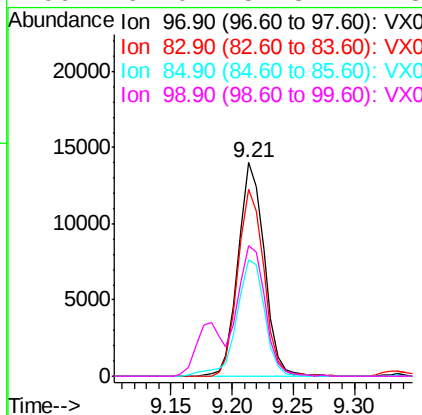
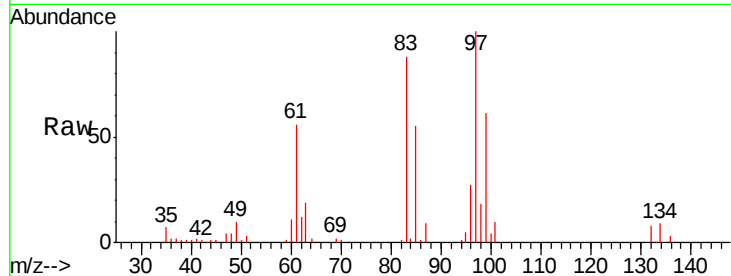
#55
 1,1,2-Trichloroethane
 Concen: 14.94 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBSD01

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
83	87.5	70.7	106.1	
85	54.6	45.8	68.6	
99	61.0	51.8	77.8	

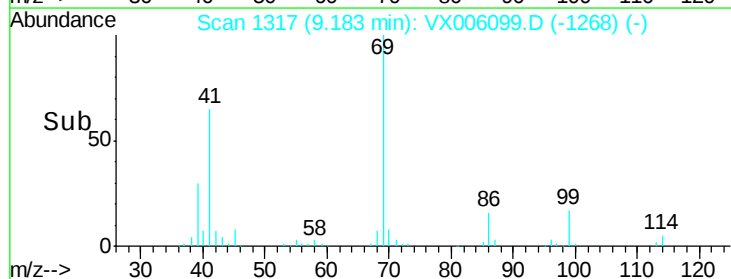
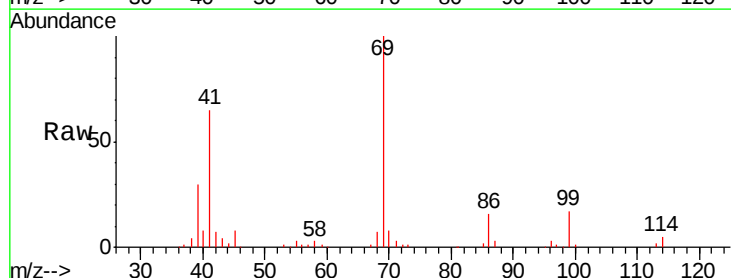
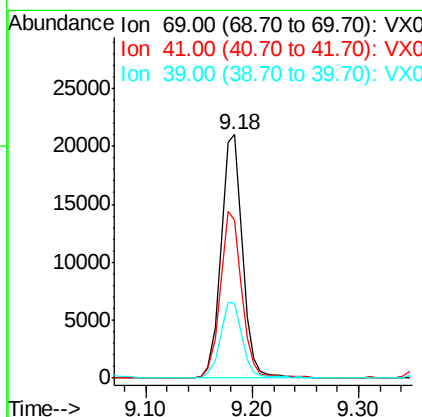
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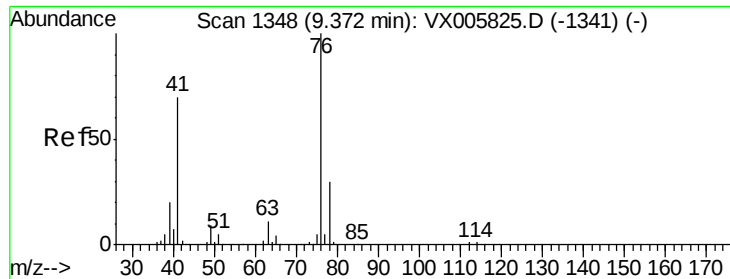
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#56
 Ethyl methacrylate
 Concen: 14.24 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	68.6	57.0	85.6	
39	32.4	28.3	42.5	





#57

1,3-Dichloropropane

Concen: 14.60 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBSD01

Tgt Ion: 76 Resp: 34219

Ion Ratio Lower Upper

76 100

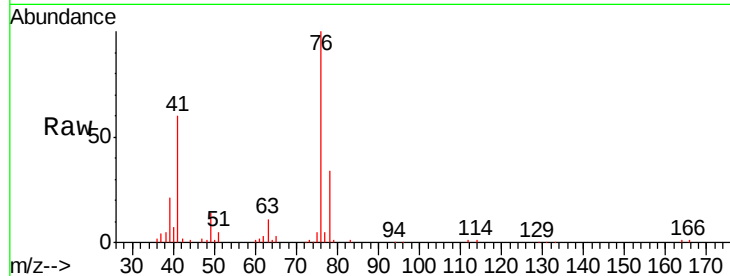
78 32.5 25.3 37.9

Manual Integrations

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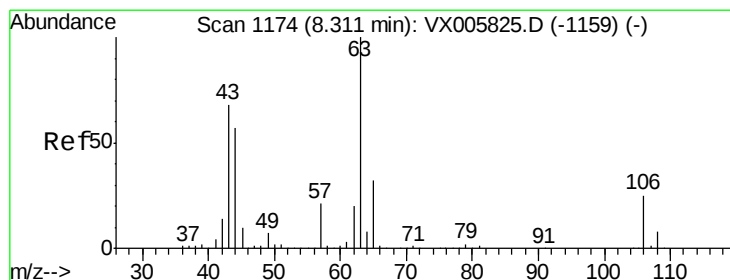
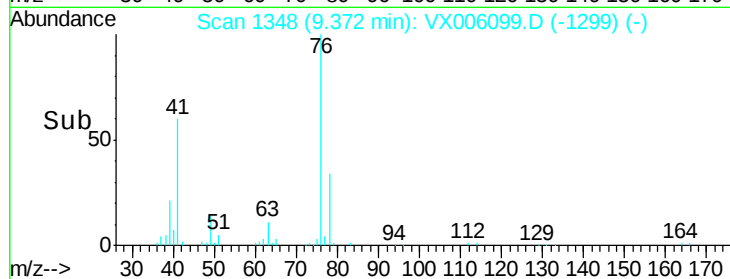
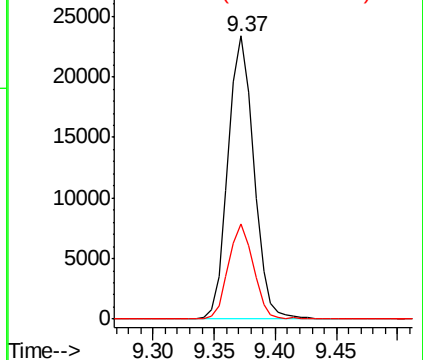
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 84.78 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006099.D

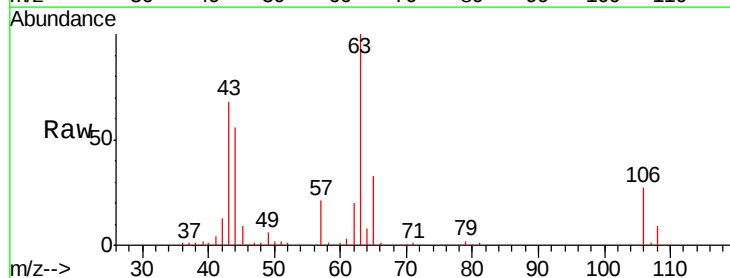
Acq: 19 Nov 2018 18:47

Tgt Ion: 63 Resp: 89971

Ion Ratio Lower Upper

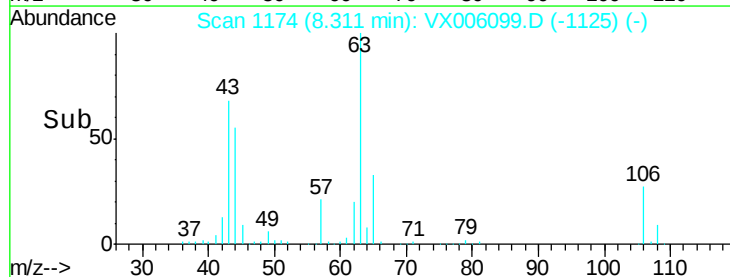
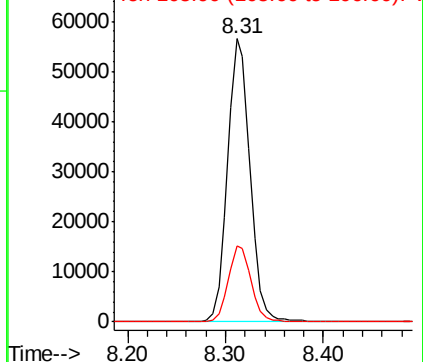
63 100

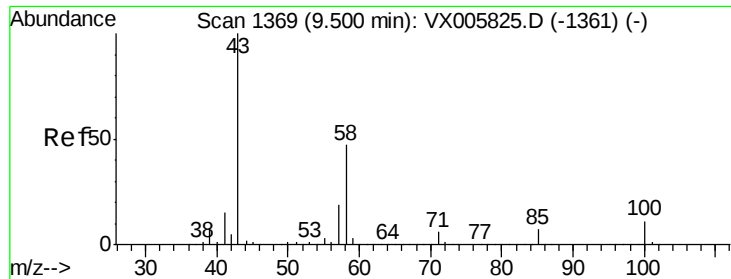
106 27.1 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





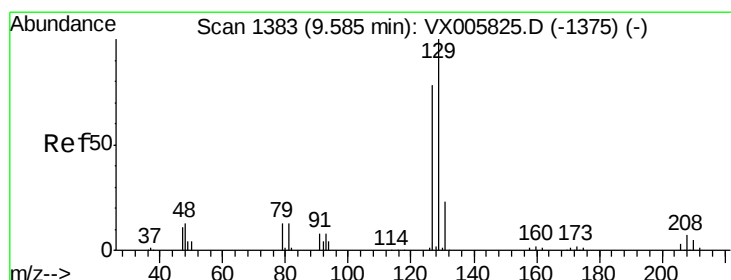
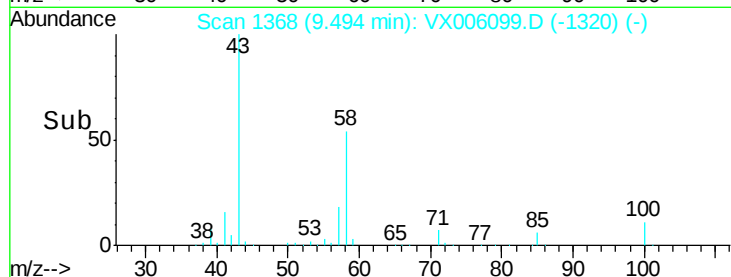
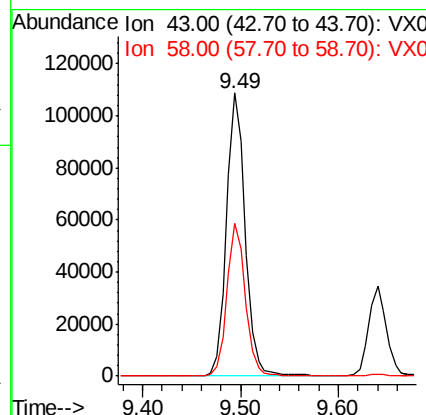
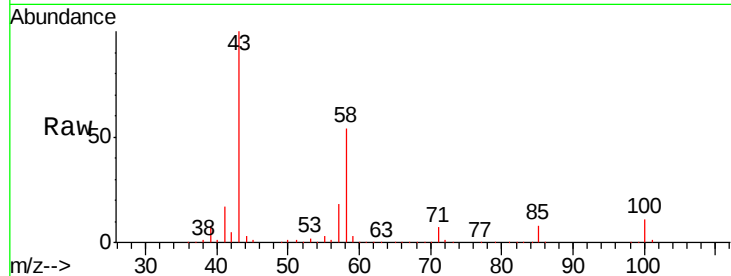
#59
2-Hexanone
Concen: 71.08 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion: 43 Resp: 144523
Ion Ratio Lower Upper
43 100
58 53.3 25.9 77.8

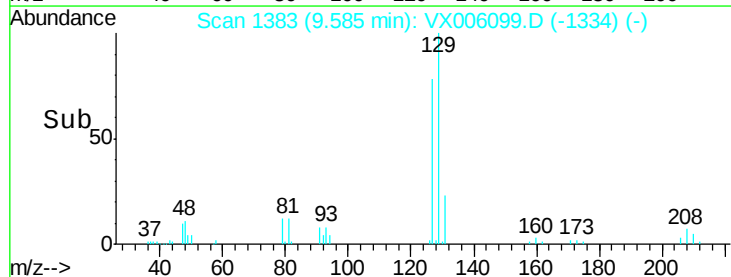
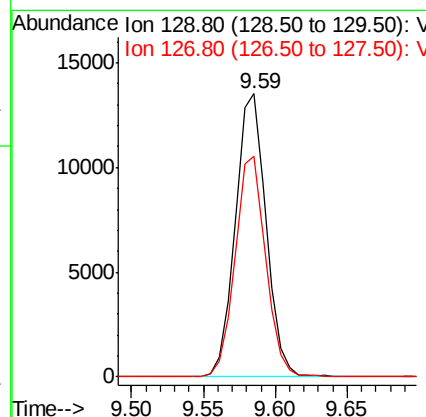
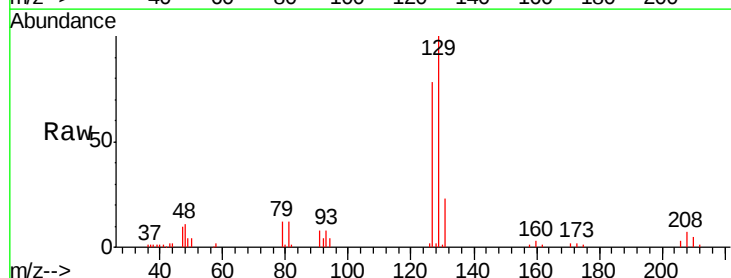
Manual Integrations
APPROVED

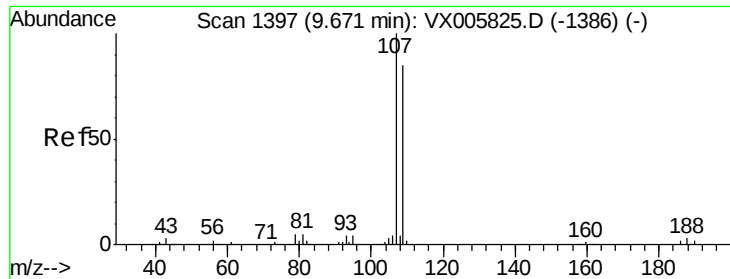
MMDadoda
11/20/2018 9:59:49 AM



#60
Dibromochloromethane
Concen: 13.37 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion: 129 Resp: 20153
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 13.80 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBSD01

Tgt Ion: 107 Resp: 21290

Ion Ratio Lower Upper

107 100

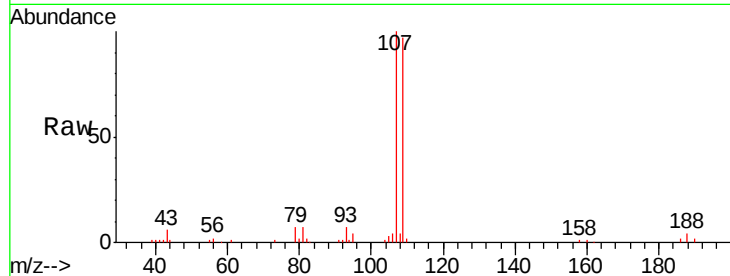
109 94.4 75.7 113.5

Manual Integrations

APPROVED

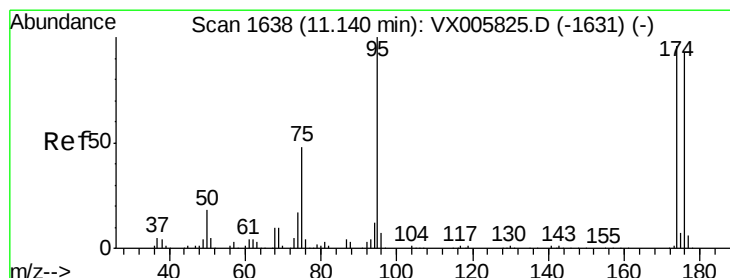
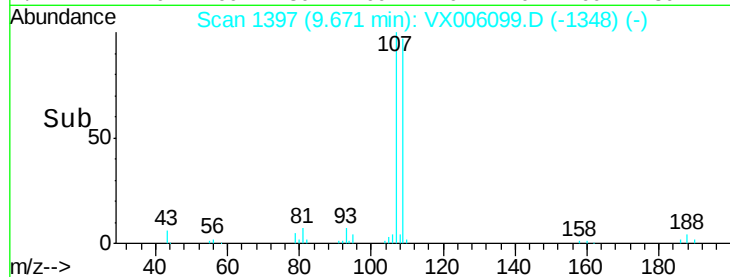
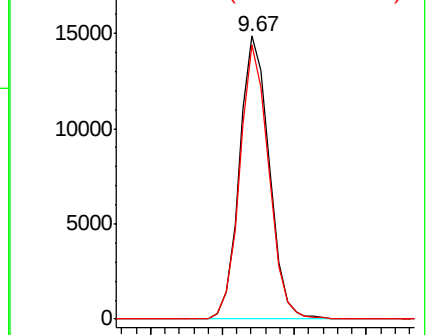
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 41.76 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

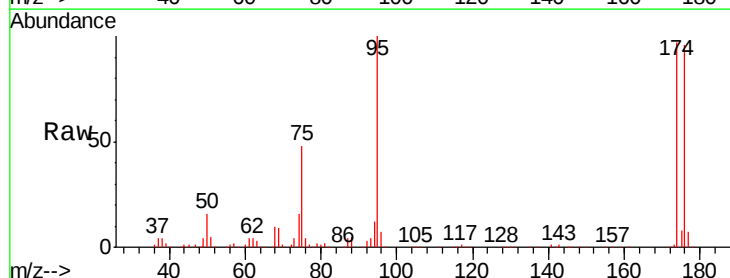
Tgt Ion: 95 Resp: 67652

Ion Ratio Lower Upper

95 100

174 93.4 0.0 184.4

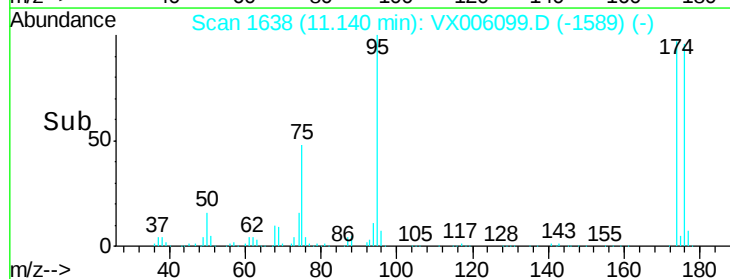
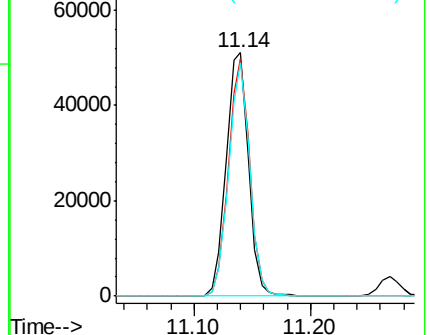
176 90.8 0.0 177.4

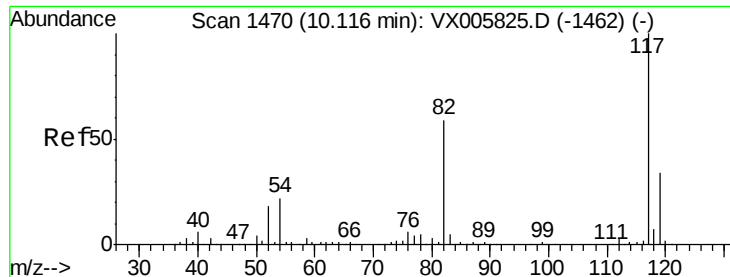


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





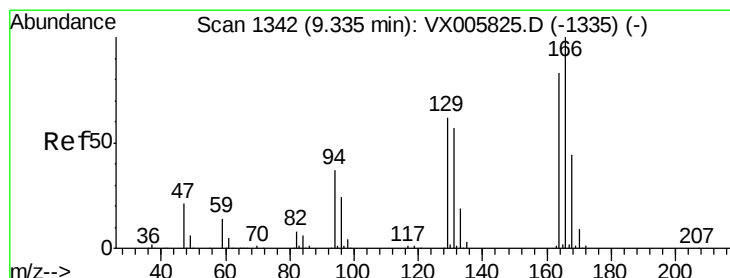
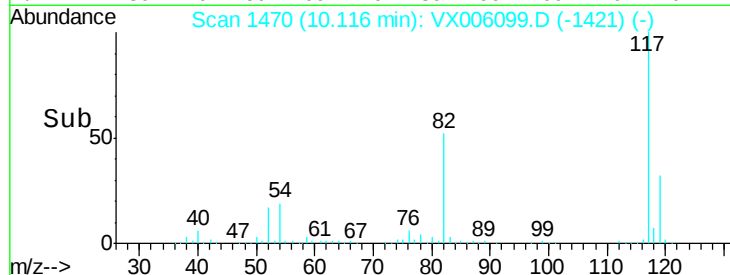
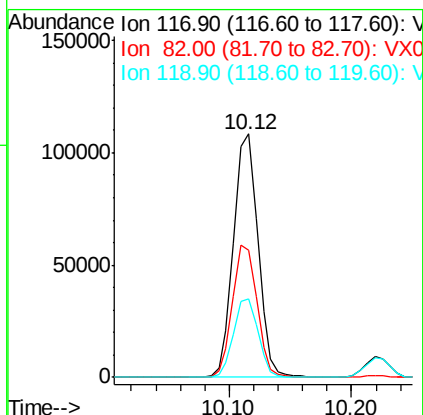
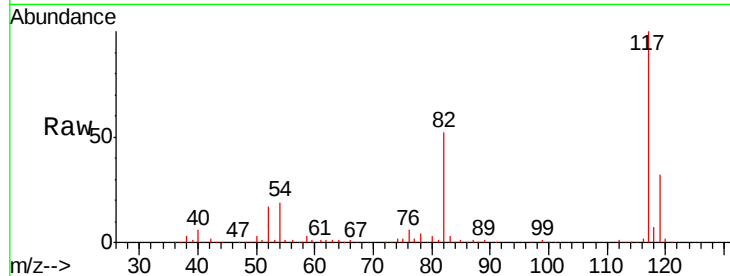
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	150192		
82	52.3	44.1	66.1	
119	32.4	26.2	39.2	

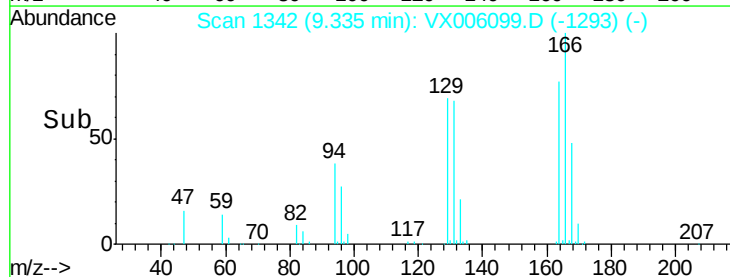
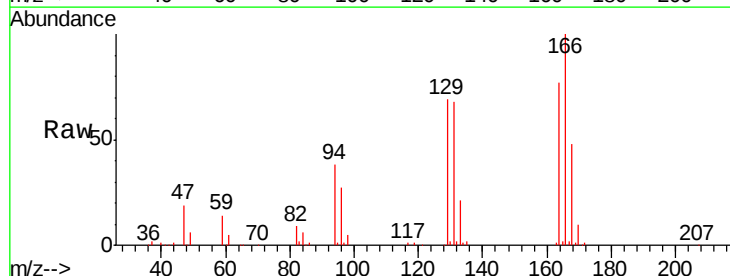
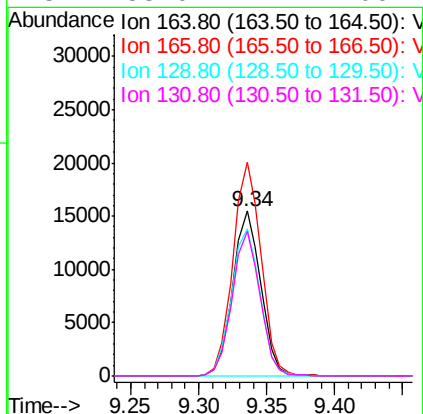
Manual Integrations
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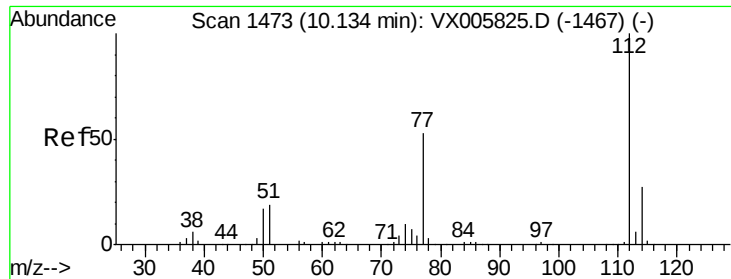
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#64
Tetrachloroethene
Concen: 17.46 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	22331		
166	129.7	101.9	152.9	
129	89.2	72.6	109.0	
131	88.0	71.1	106.7	





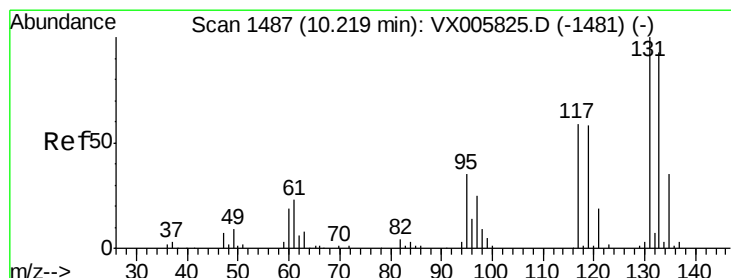
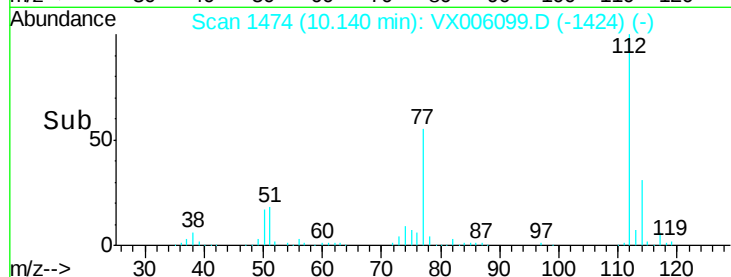
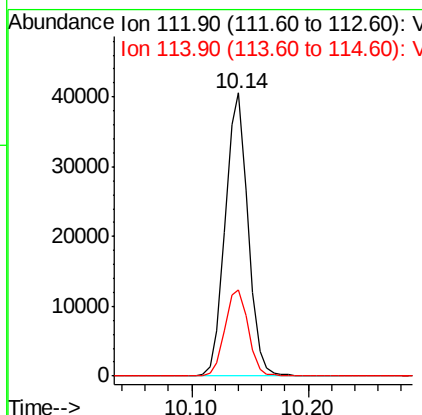
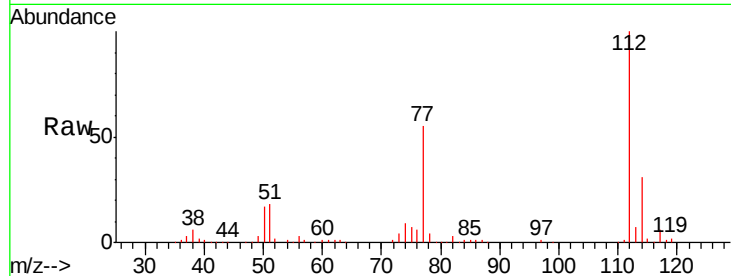
#65
Chlorobenzene
Concen: 18.24 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion:112 Resp: 54889
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6

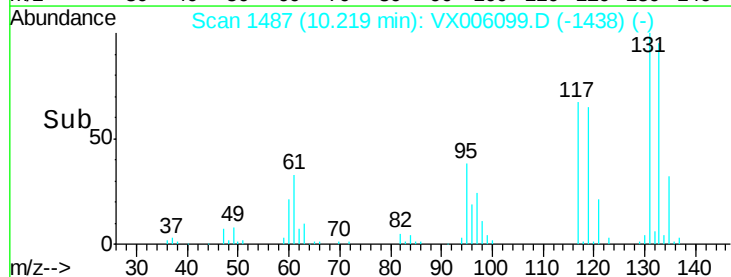
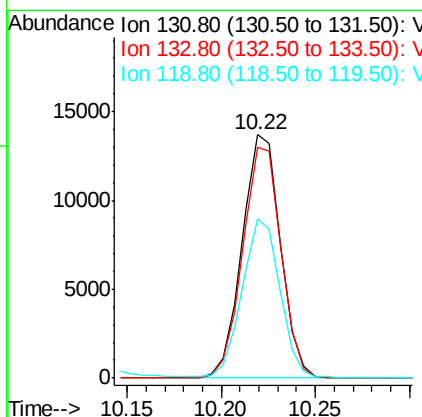
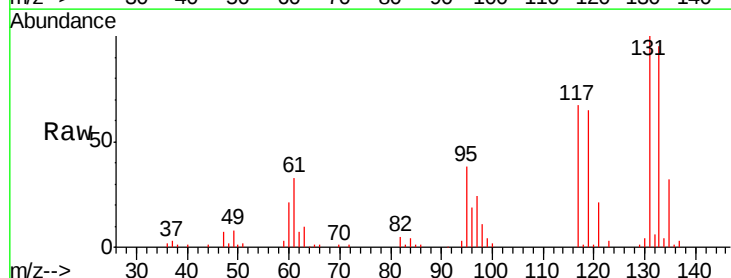
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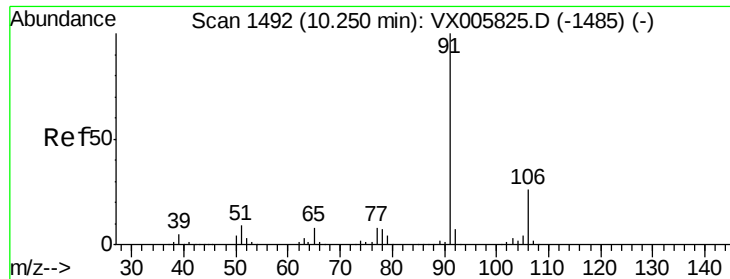
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.44 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion:131 Resp: 19293
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 65.0 31.8 95.3





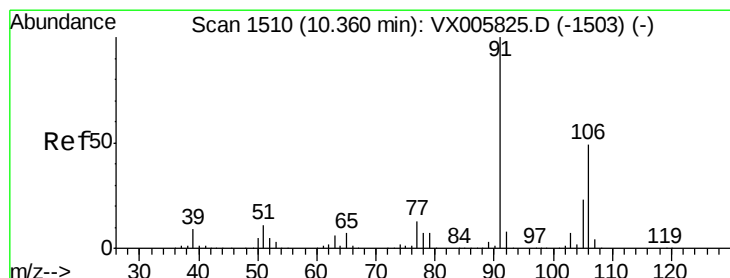
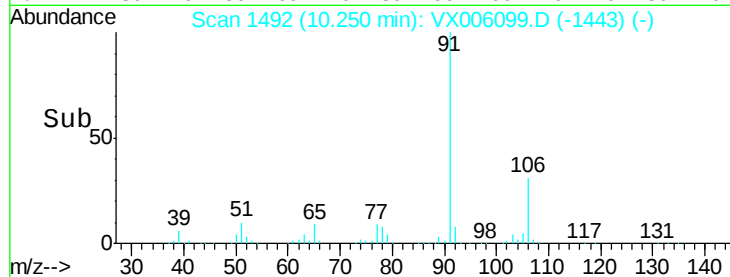
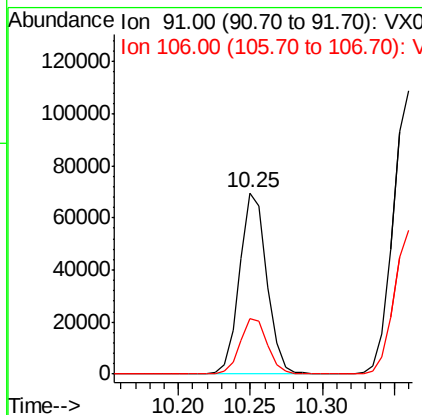
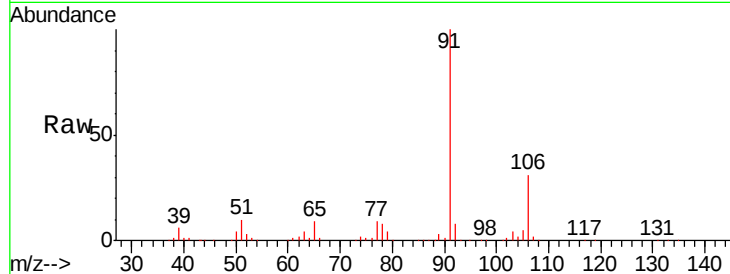
#67
Ethyl Benzene
Concen: 18.96 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion: 91 Resp: 91477
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6

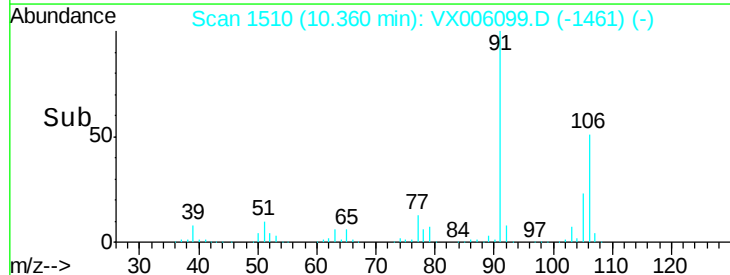
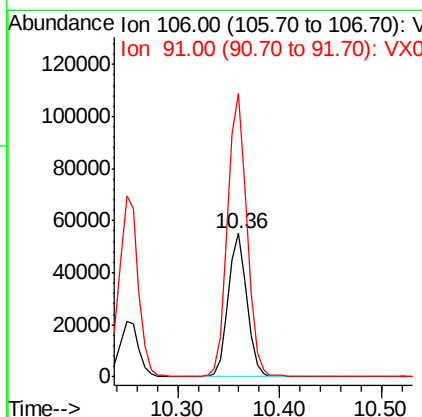
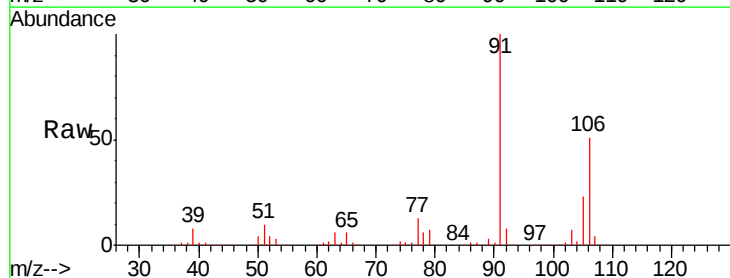
Manual Integrations
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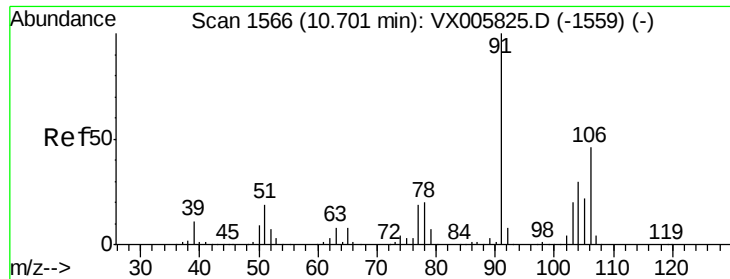
MMDadoda
11/20/2018 9:59:49 AM



#68
m/p-Xylenes
Concen: 37.99 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion: 106 Resp: 69909
Ion Ratio Lower Upper
106 100
91 203.0 164.2 246.4





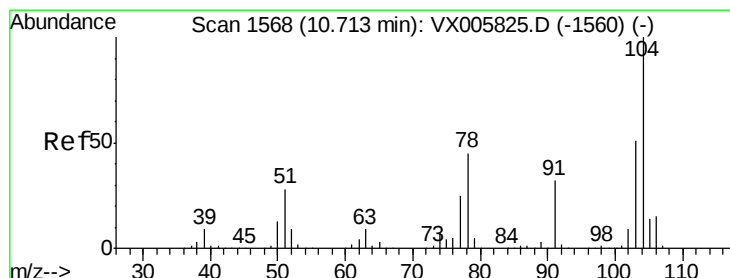
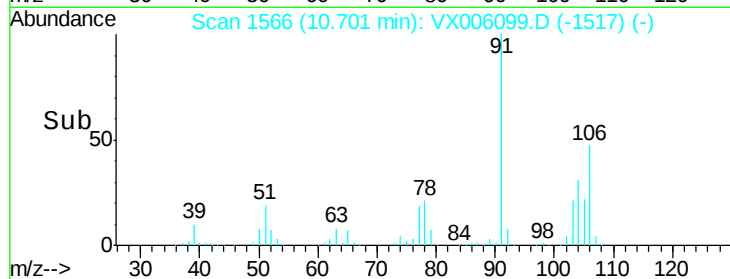
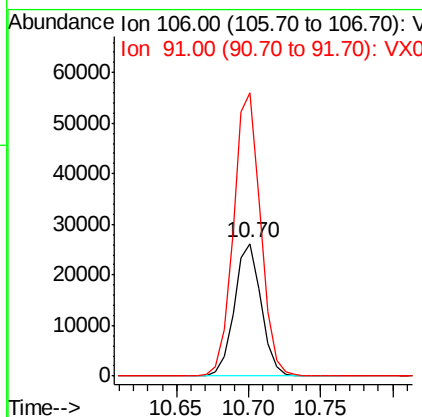
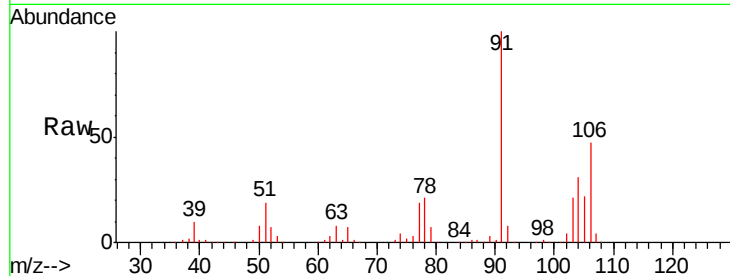
#69
o-Xylene
Concen: 20.62 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion:106 Resp: 34022
Ion Ratio Lower Upper
106 100
91 216.3 108.5 325.5

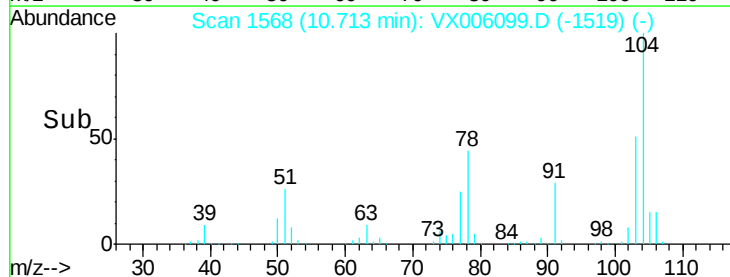
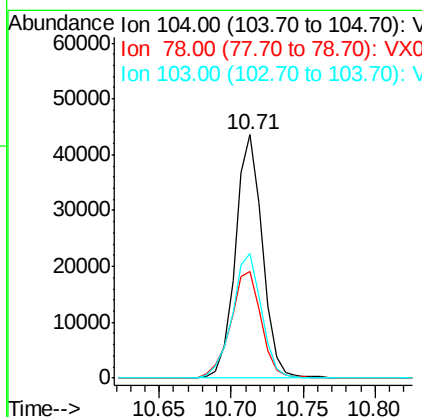
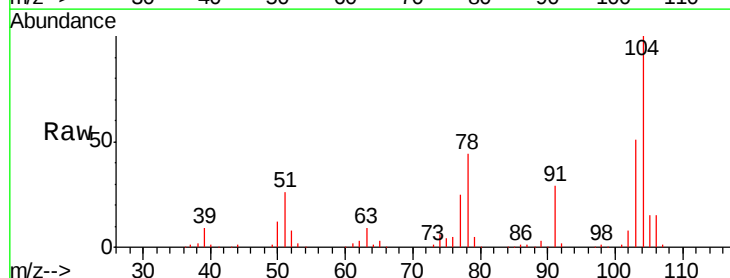
Manual Integrations
APPROVED

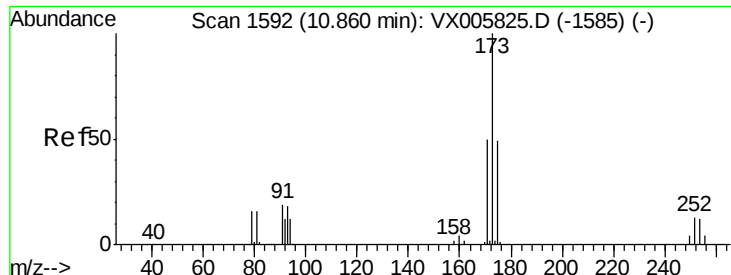
MMDadoda
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#70
Styrene
Concen: 20.95 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion:104 Resp: 57022
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.4
103 55.9 44.9 67.3





#71

Bromoform

Concen: 18.96 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

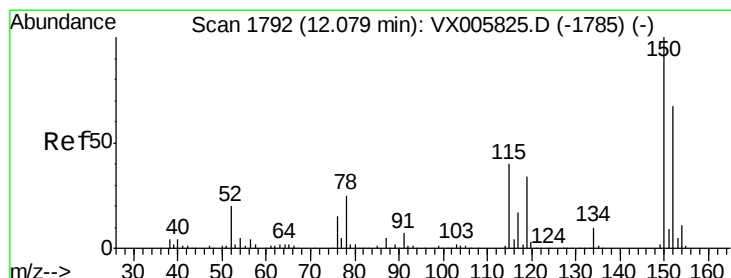
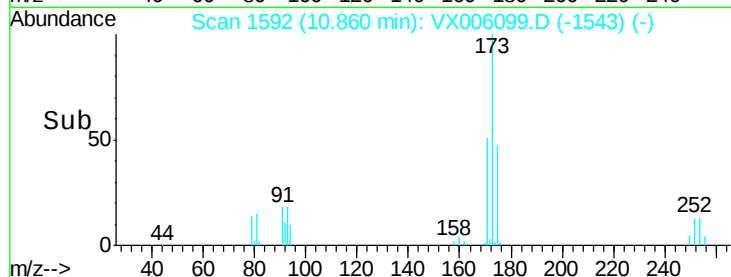
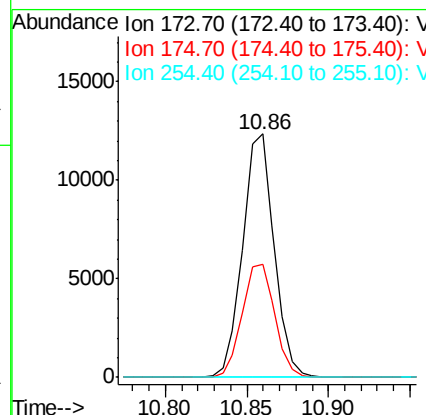
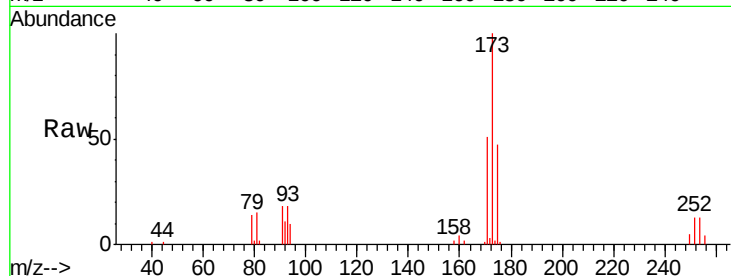
VX1119WBSD01

Tgt Ion:173 Resp: 16624

Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.8	74.3
254	0.0	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

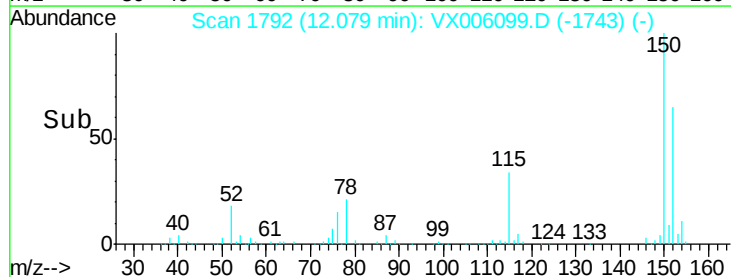
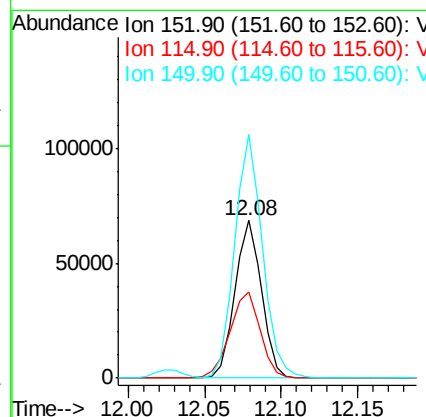
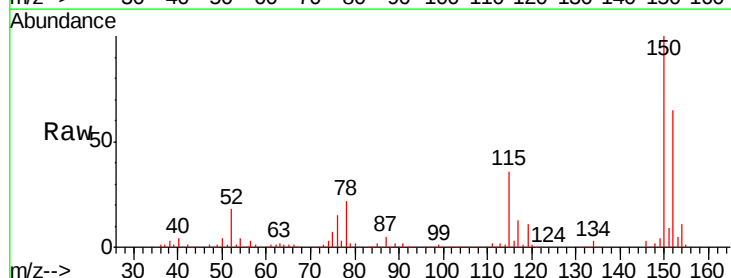
Delta R.T. -0.00 min

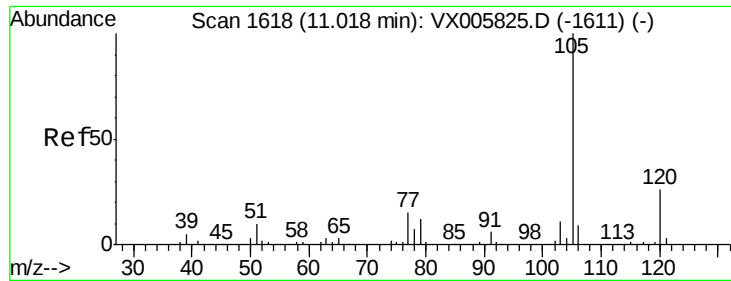
Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Tgt Ion:152 Resp: 82543

Ion	Ratio	Lower	Upper
152	100		
115	62.3	39.4	118.1
150	161.9	0.0	346.4





#73

Isopropylbenzene

Concen: 19.84 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBSD01

Tgt Ion: 105 Resp: 94722

Ion Ratio Lower Upper

105 100

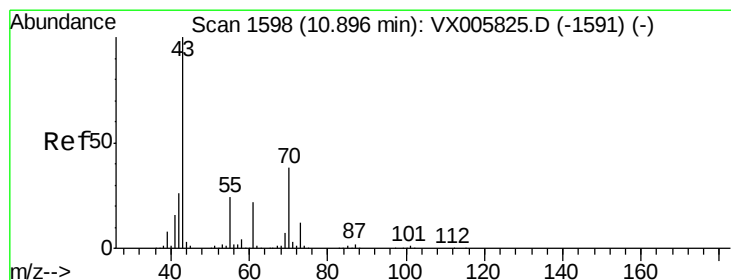
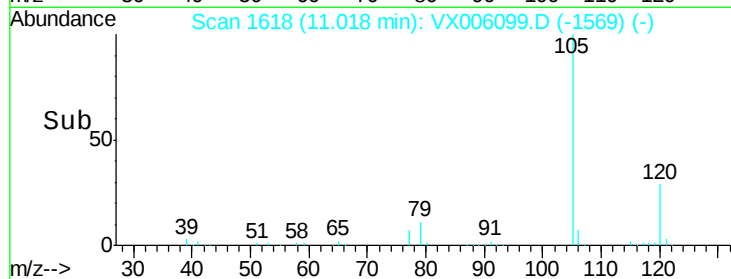
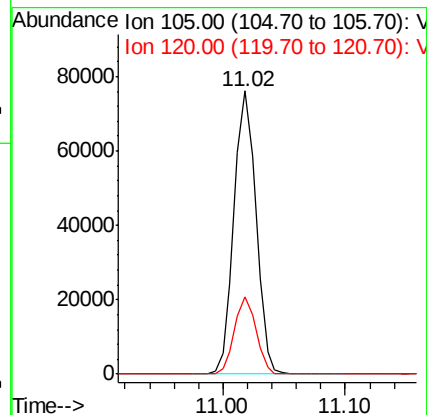
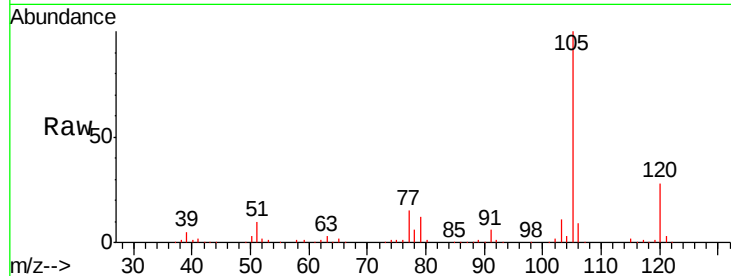
120 26.7 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 16.35 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Tgt Ion: 43 Resp: 41482

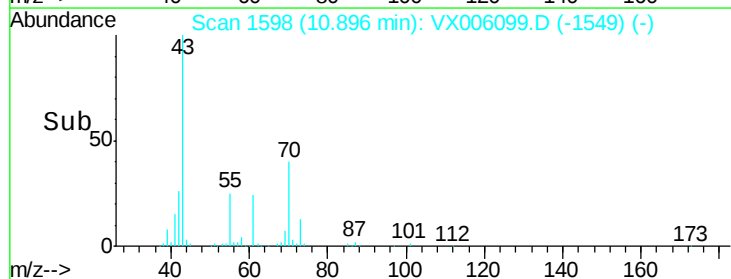
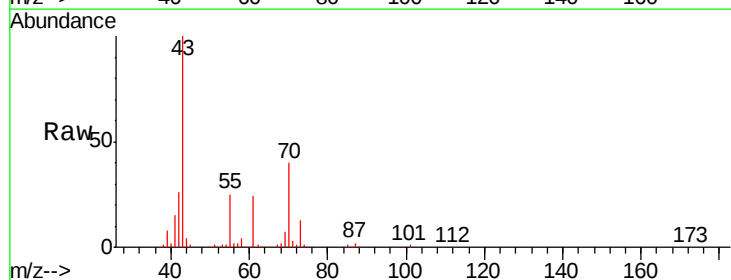
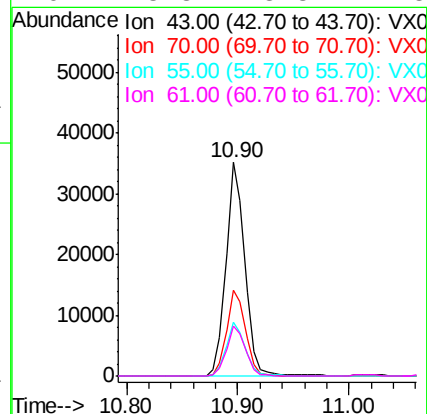
Ion Ratio Lower Upper

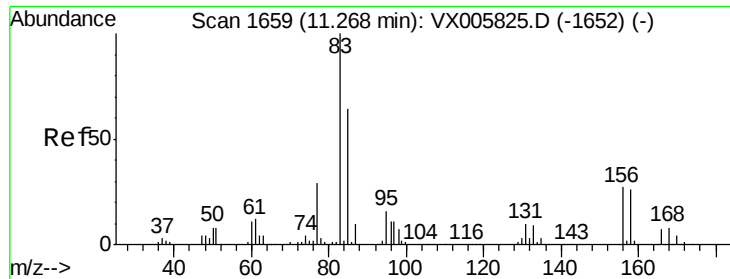
43 100

70 40.2 31.6 47.4

55 25.3 19.7 29.5

61 23.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.89 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

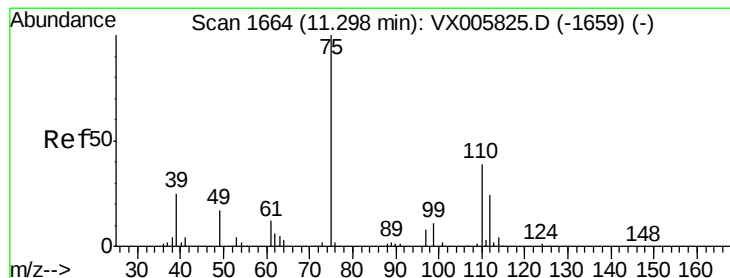
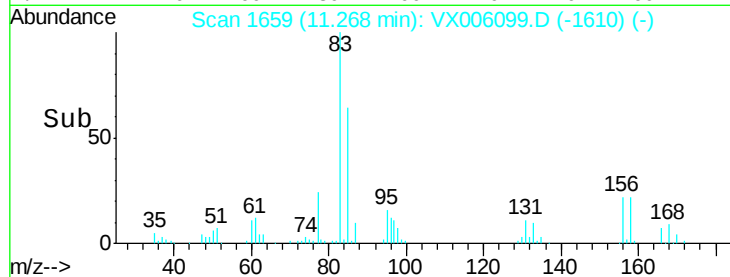
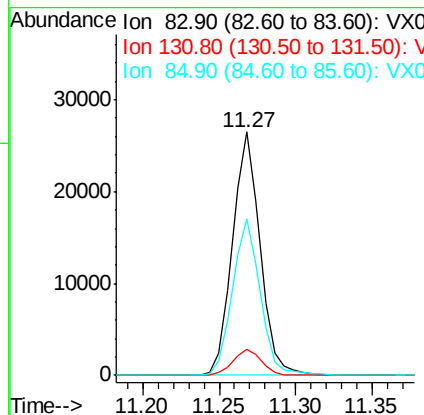
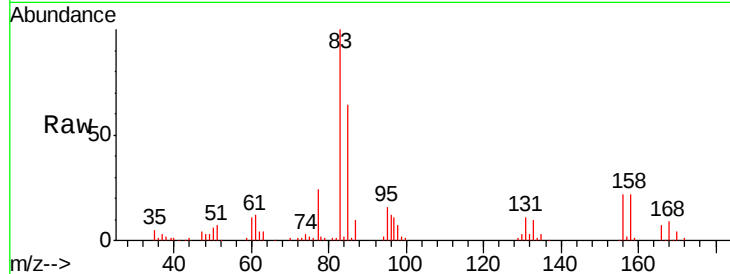
ClientSampled :

VX1119WBSD01

Tgt Ion:	83	Resp:	33103
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	15.9
85	64.4	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 19.28 ug/l m

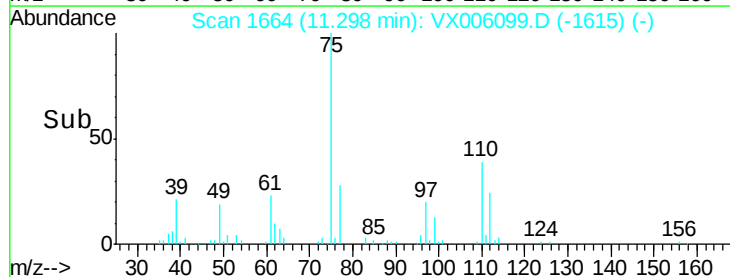
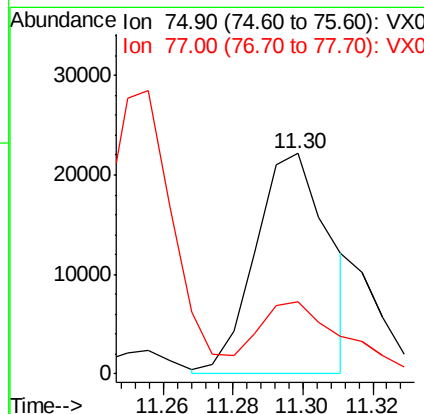
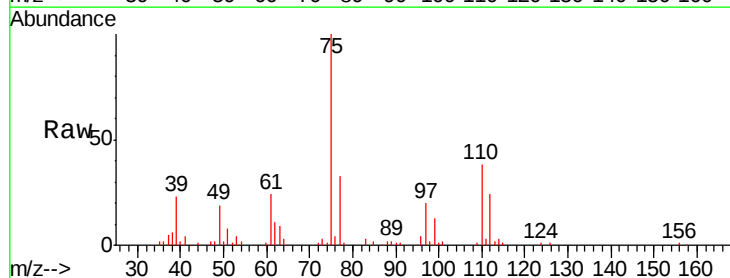
RT: 11.30 min Scan# 1664

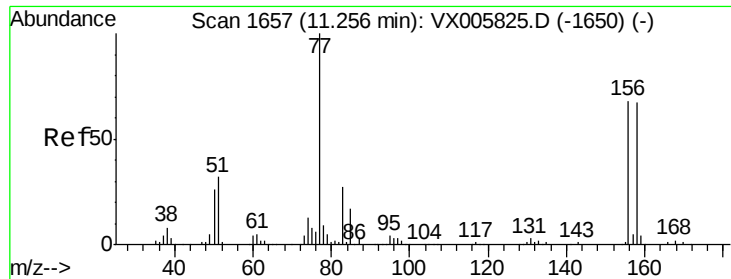
Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Tgt Ion:	75	Resp:	32412
Ion Ratio	Lower	Upper	
75	100		
77	37.6	20.5	61.6





#77

Bromobenzene

Concen: 18.87 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

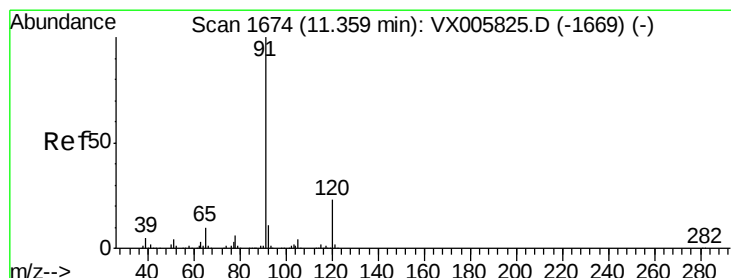
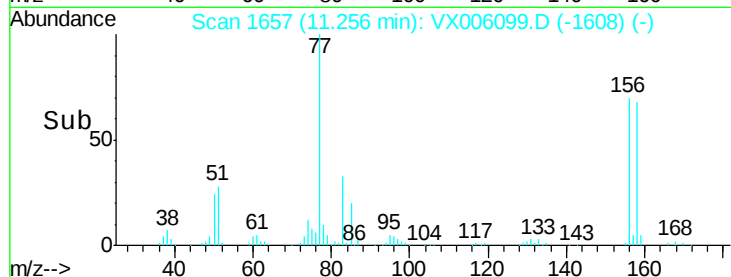
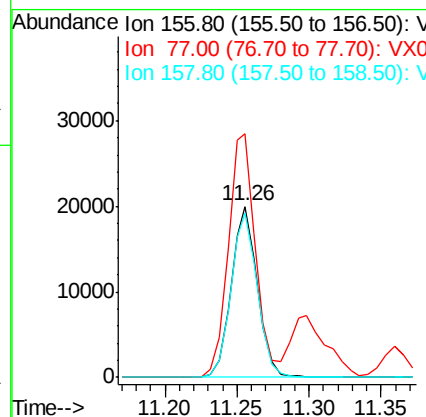
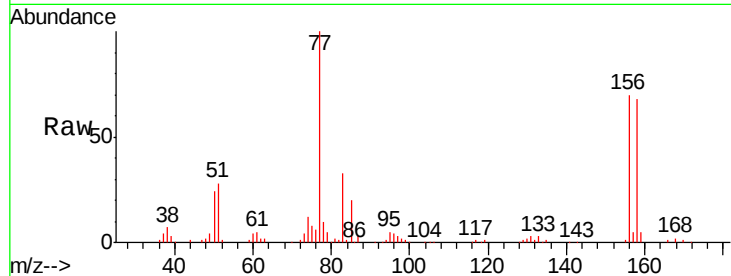
ClientSampleId :

VX1119WBSD01

Tgt Ion:	156	Resp:	25394
Ion Ratio	Lower	Upper	
156	100		
77	149.4	74.8	224.4
158	97.4	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 19.14 ug/l

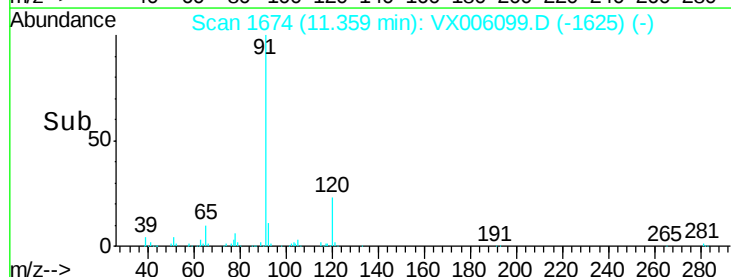
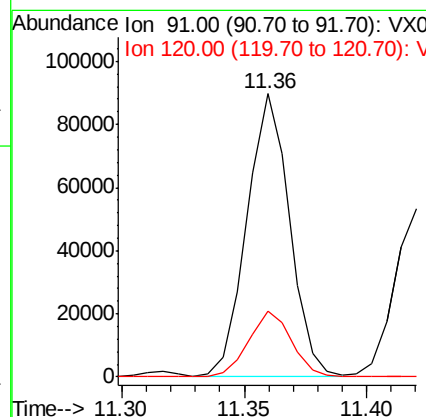
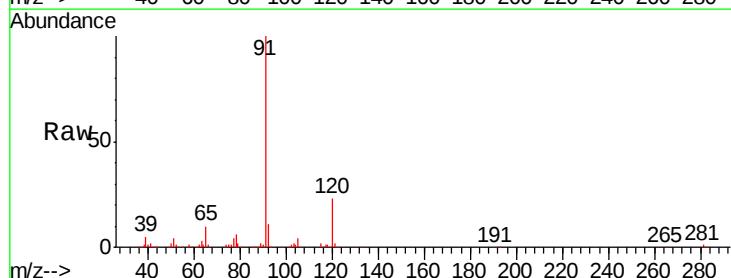
RT: 11.36 min Scan# 1674

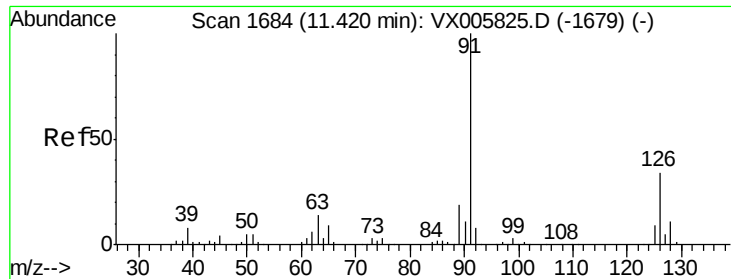
Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Tgt Ion:	91	Resp:	107653
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.9	35.5





#79

2-Chlorotoluene

Concen: 19.16 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBSD01

Tgt Ion: 91 Resp: 65154

Ion Ratio Lower Upper

91 100

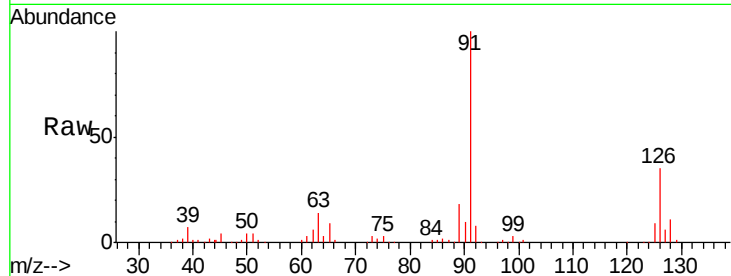
126 34.7 17.3 52.0

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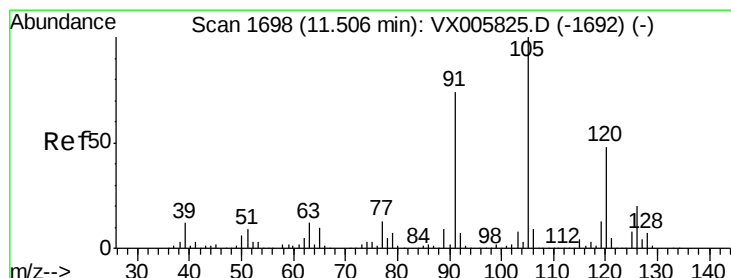
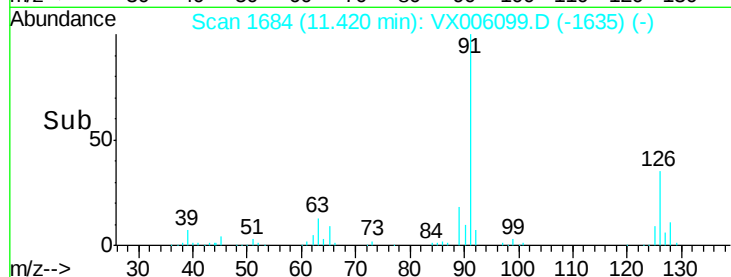
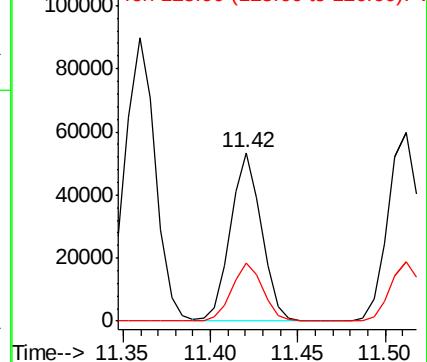
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Abundance Ion 91.00 (90.70 to 91.70): VX006099.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX006099.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.64 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006099.D

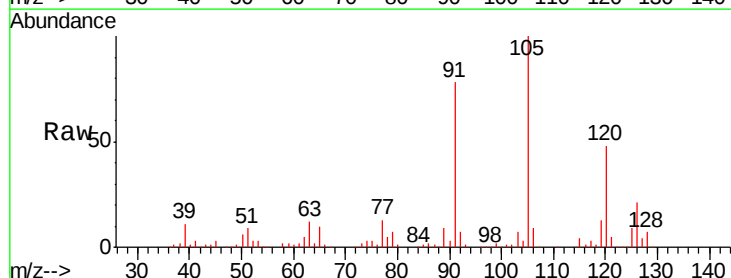
Acq: 19 Nov 2018 18:47

Tgt Ion: 105 Resp: 79661

Ion Ratio Lower Upper

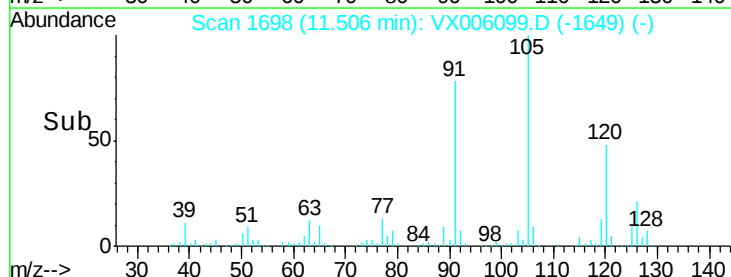
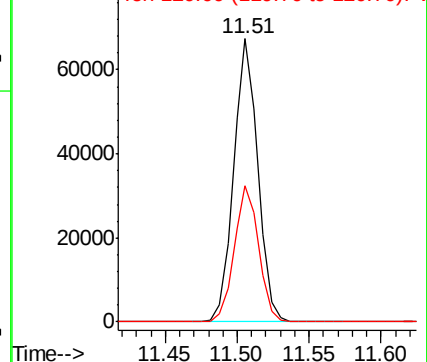
105 100

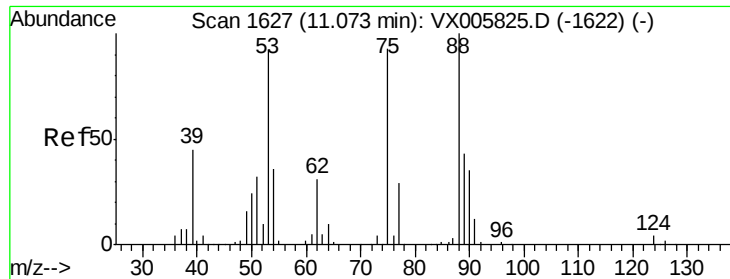
120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX006099.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX006099.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.01 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

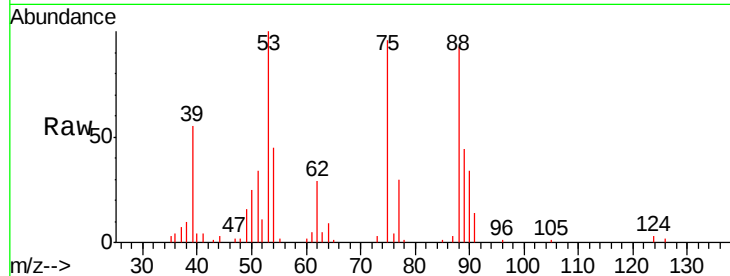
ClientSampleId :

VX1119WBSD01

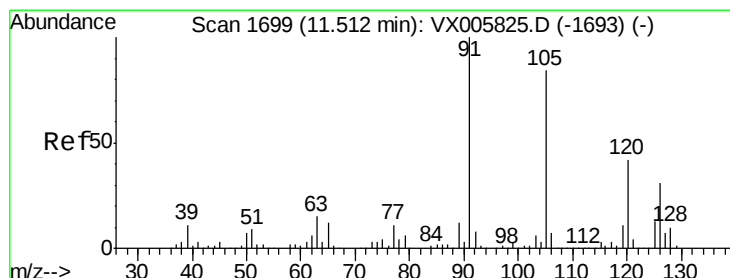
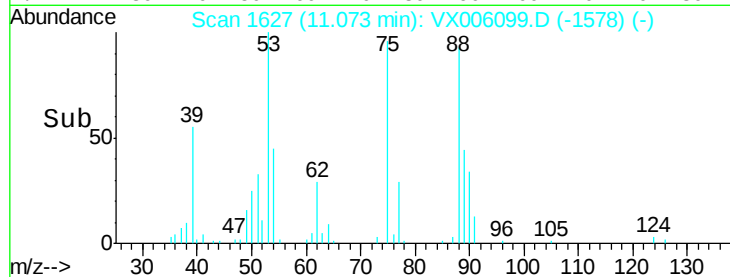
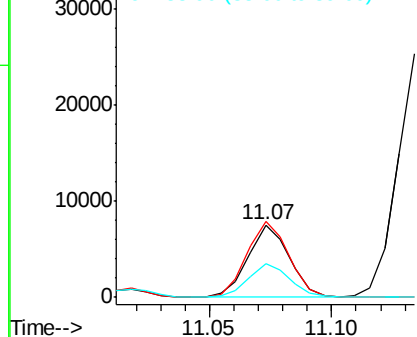
Tgt Ion:	75	Resp:	8972
Ion Ratio	Lower	Upper	
75	100		
53	105.7	80.2	120.2
89	46.7	39.8	59.8

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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.88 ug/l

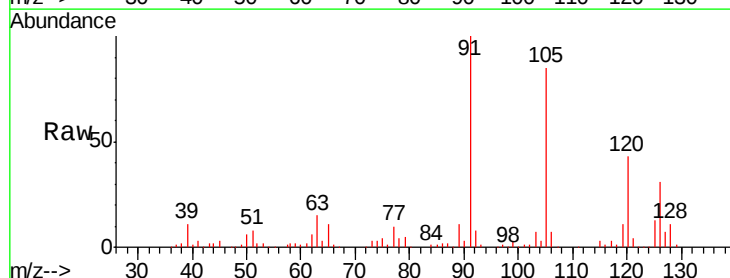
RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

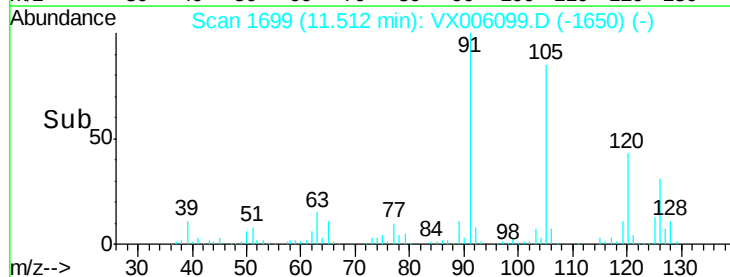
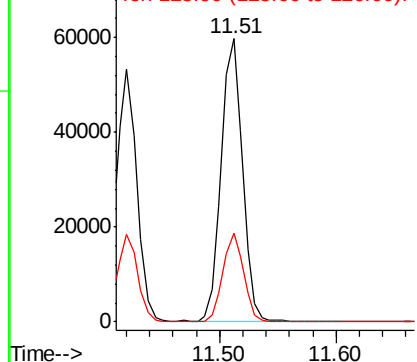
Lab File: VX006099.D

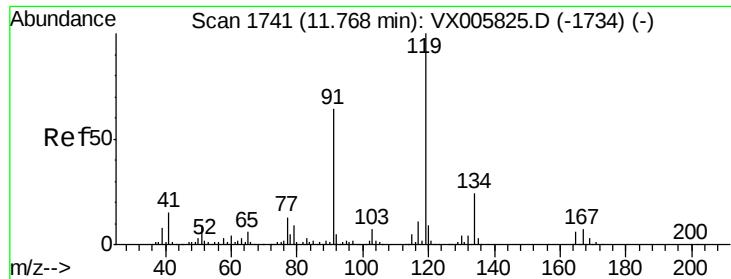
Acq: 19 Nov 2018 18:47

Tgt Ion:	91	Resp:	75671
Ion Ratio	Lower	Upper	
91	100		
126	30.5	15.2	45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





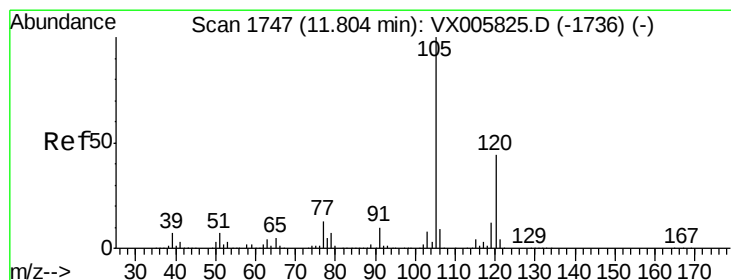
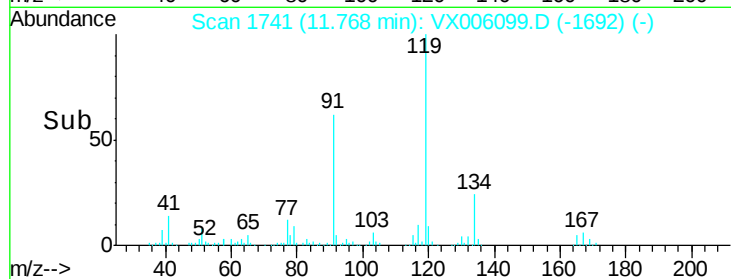
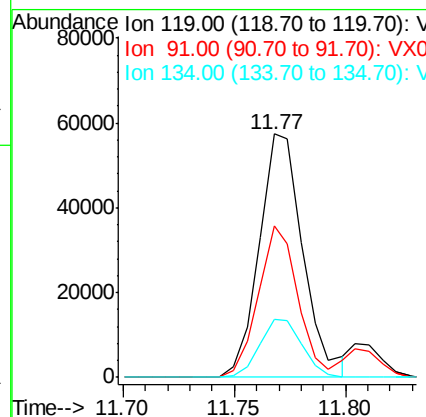
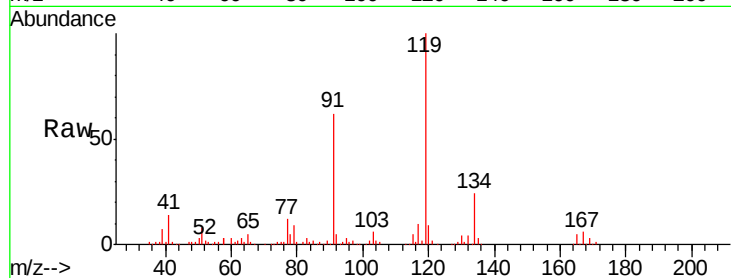
#83
 tert-Butylbenzene
 Concen: 19.16 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBSD01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.3	28.5	85.5
134	23.1	11.3	33.8

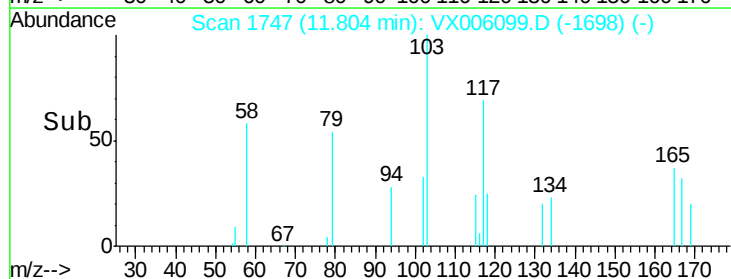
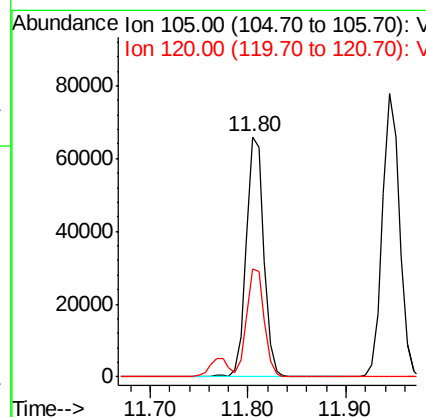
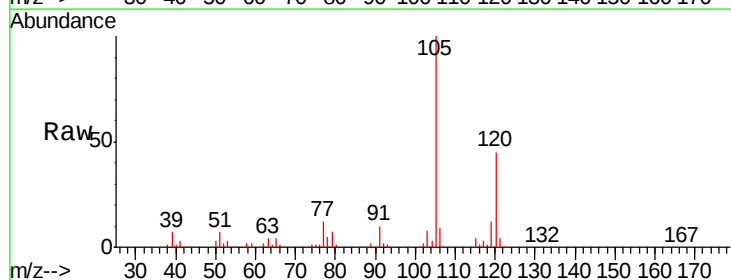
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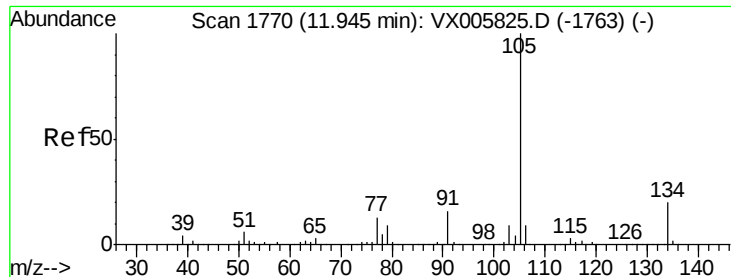
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.23 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.0





#85

sec-Butylbenzene

Concen: 18.94 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBSD01

Tgt Ion:105 Resp: 95035

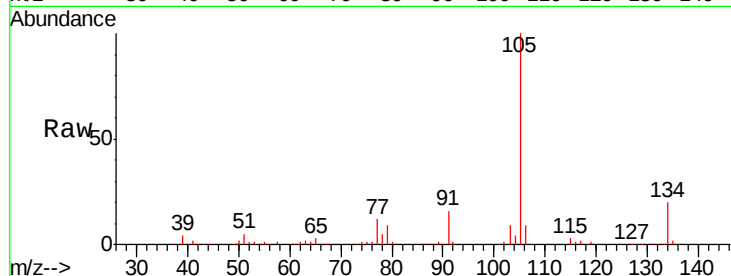
Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4

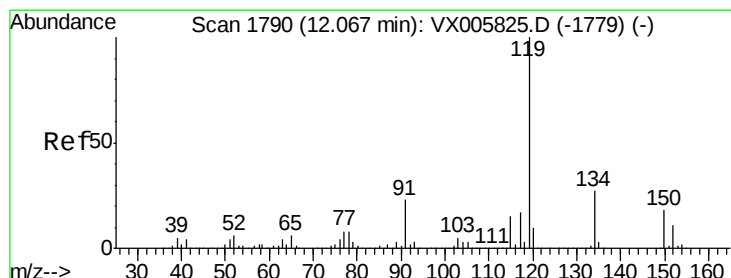
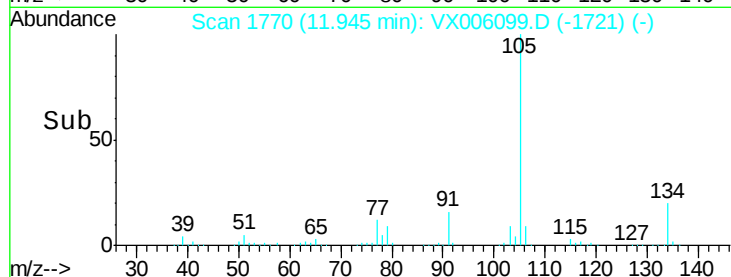
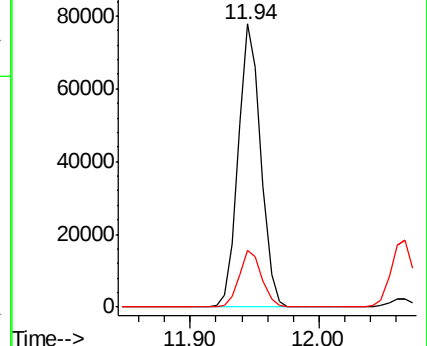
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.19 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006099.D

Acq: 19 Nov 2018 18:47

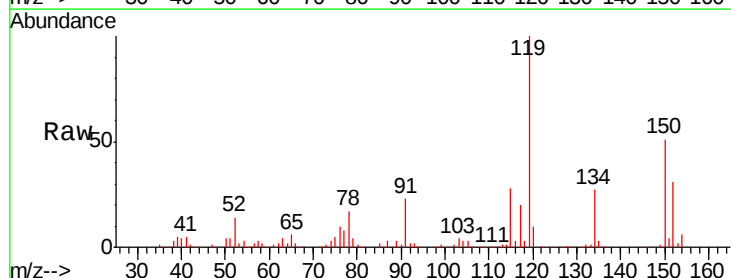
Tgt Ion:119 Resp: 85306

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

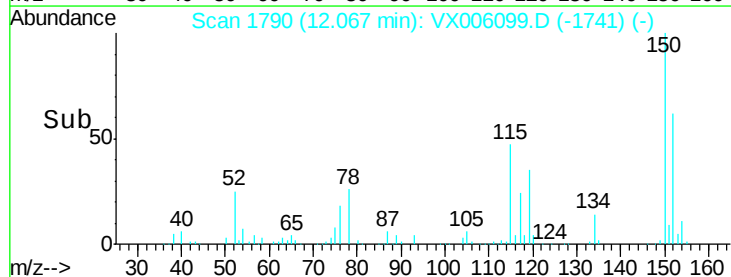
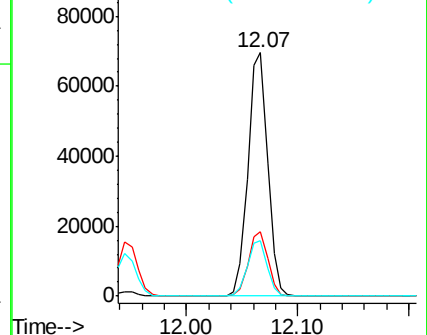
91 22.9 11.4 34.2

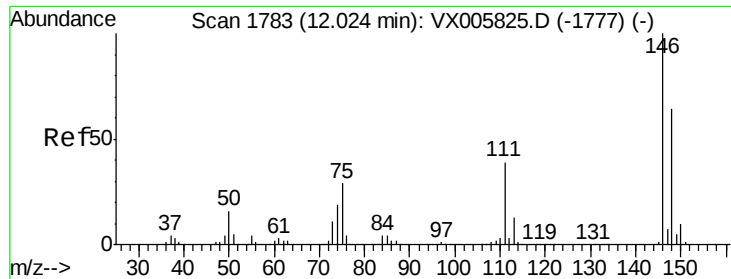


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





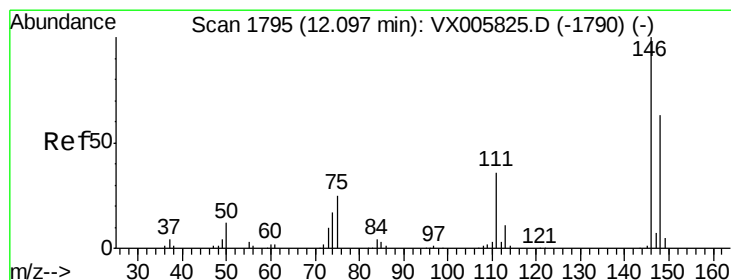
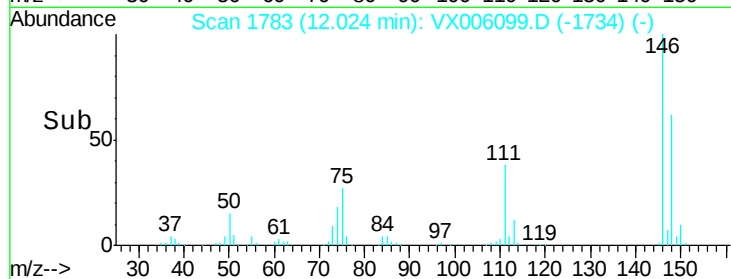
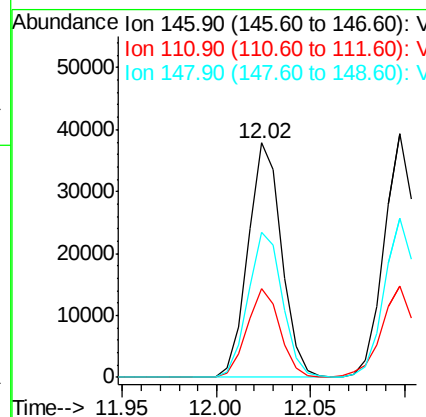
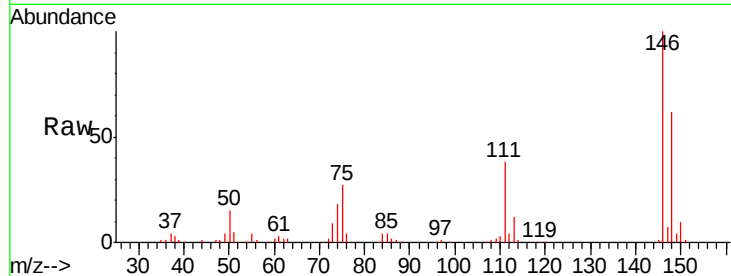
#87
 1,3-Dichlorobenzene
 Concen: 18.12 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.0	57.0
148	63.2	31.9	95.9

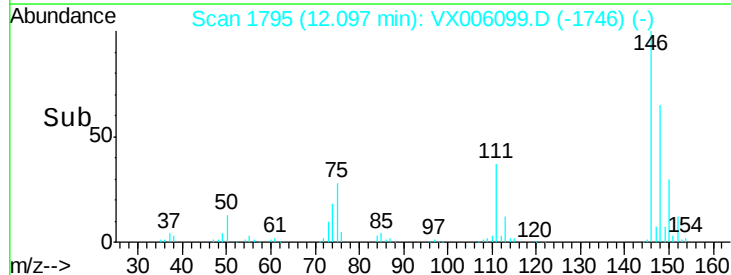
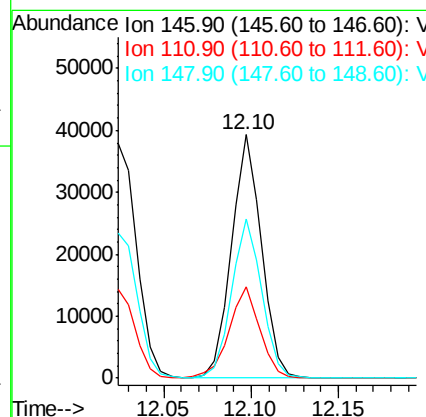
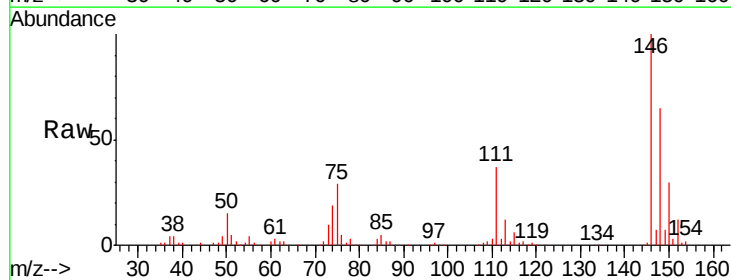
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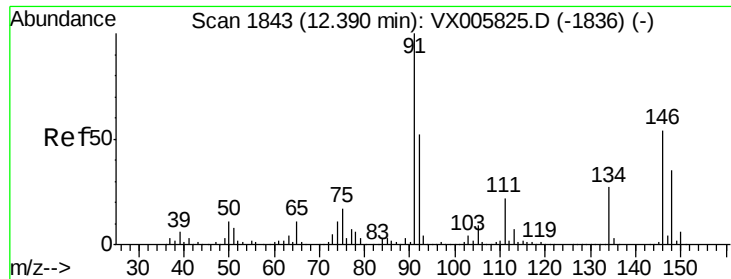
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#88
 1,4-Dichlorobenzene
 Concen: 17.70 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.6	55.8
148	65.8	32.1	96.3





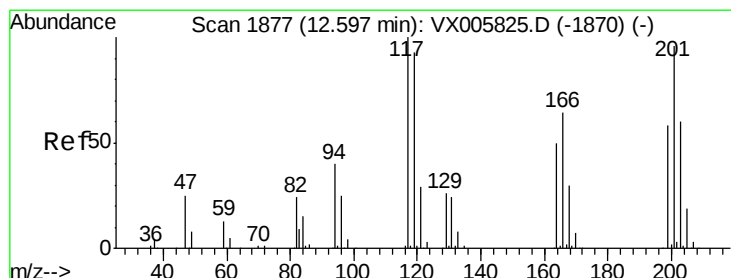
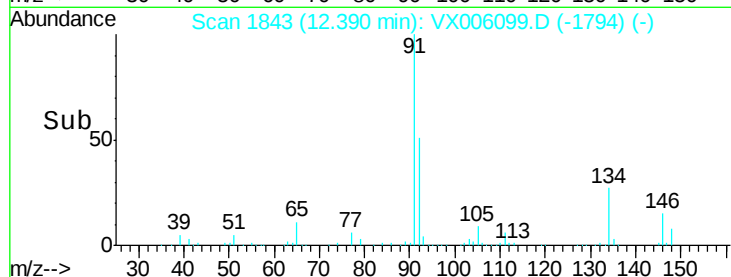
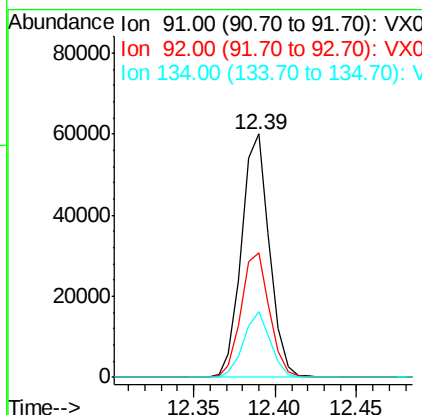
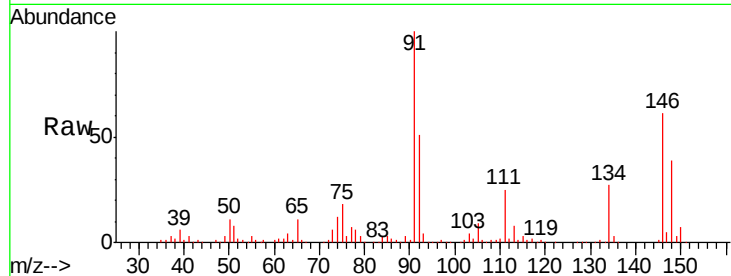
#89
n-Butylbenzene
Concen: 17.41 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion: 91 Resp: 71705
Ion Ratio Lower Upper
91 100
92 51.8 26.1 78.2
134 26.1 13.1 39.3

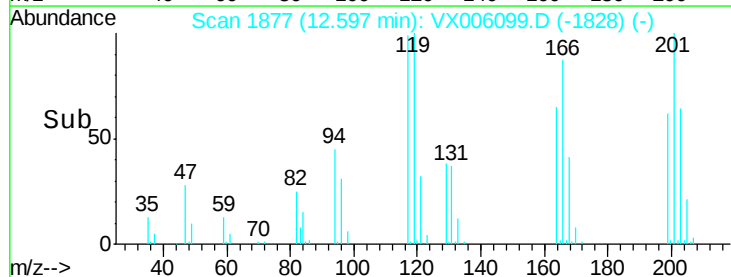
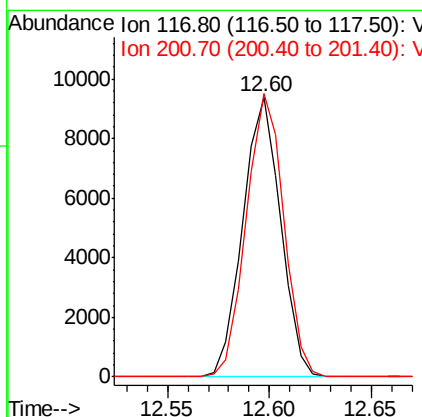
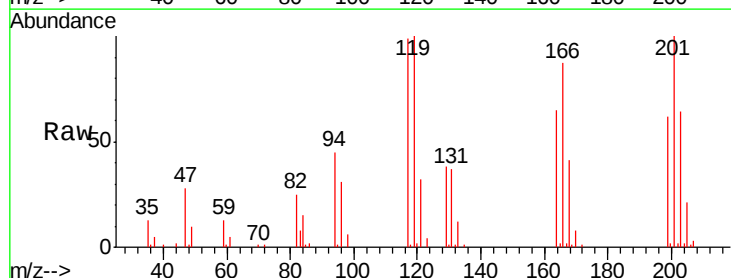
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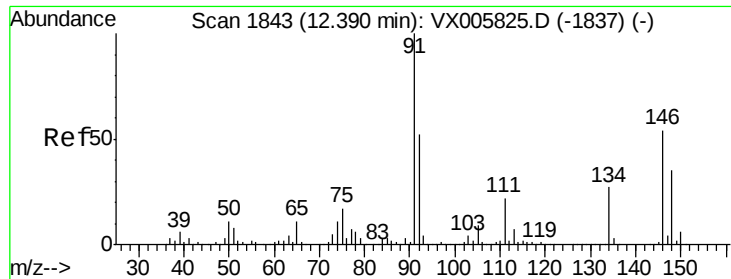
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#90
Hexachloroethane
Concen: 16.29 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion: 117 Resp: 12086
Ion Ratio Lower Upper
117 100
201 100.4 47.9 143.6





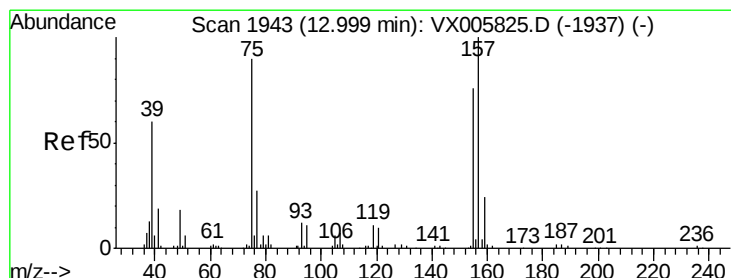
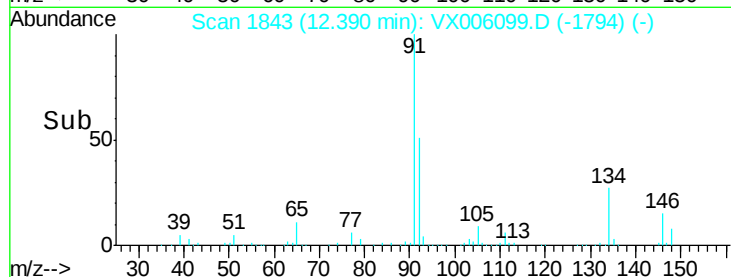
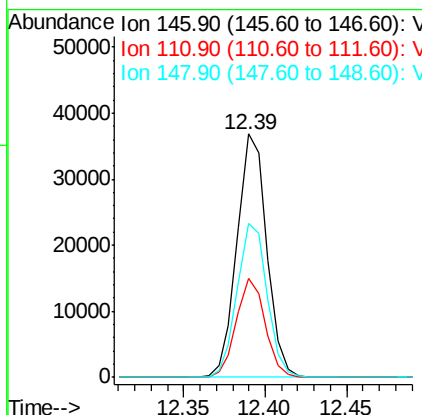
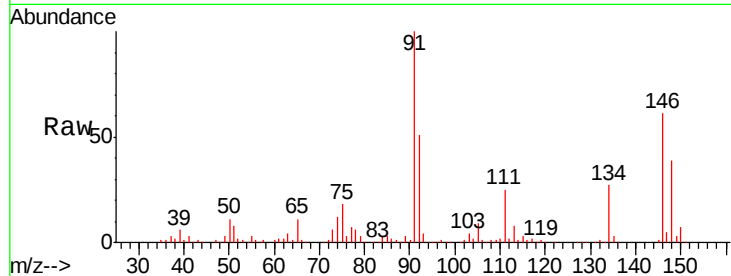
#91
 1,2-Dichlorobenzene
 Concen: 18.11 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	59.9
148	64.1	32.2	96.6

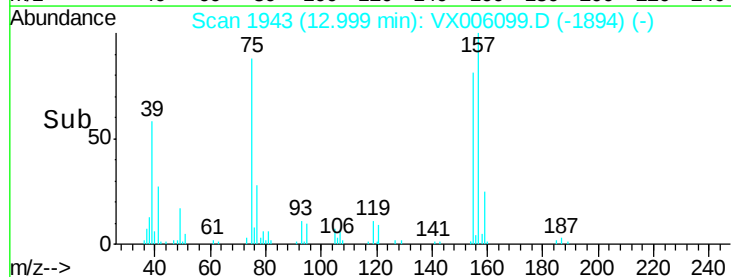
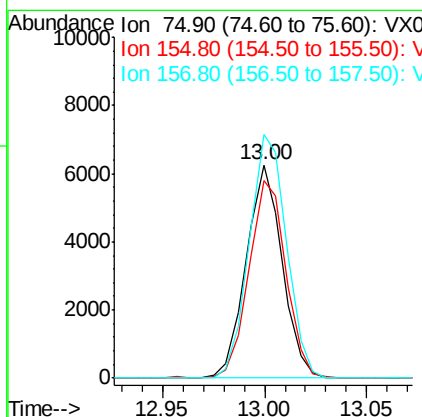
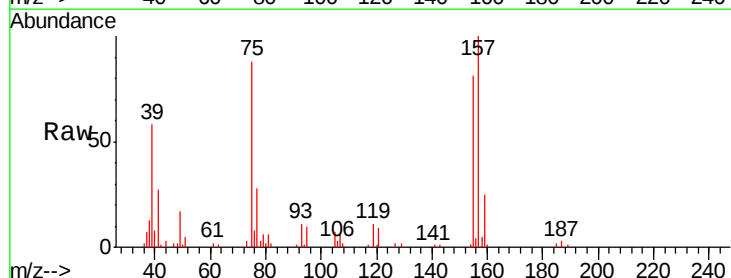
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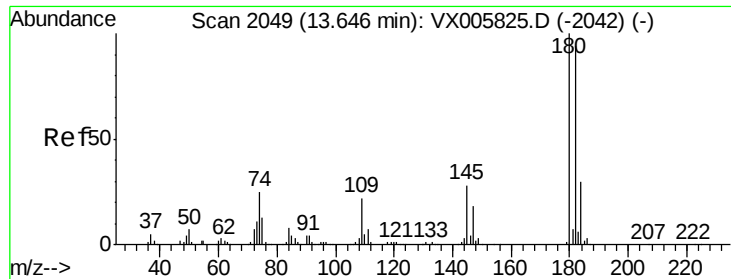
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 11/20/2018 9:59:49 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.94 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	45.4	136.1
157	118.7	57.4	172.0





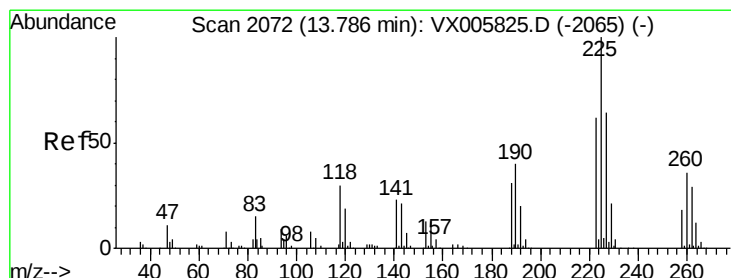
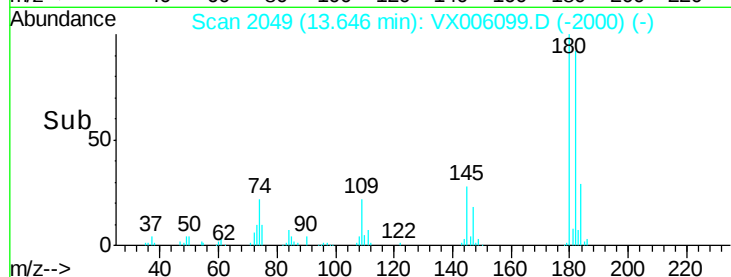
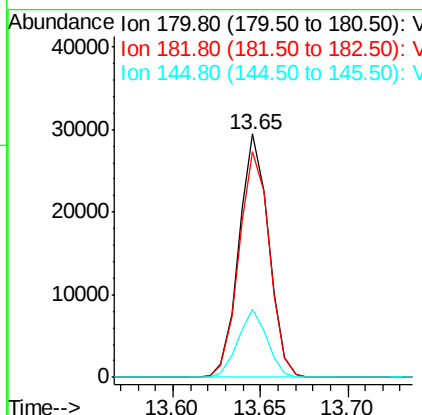
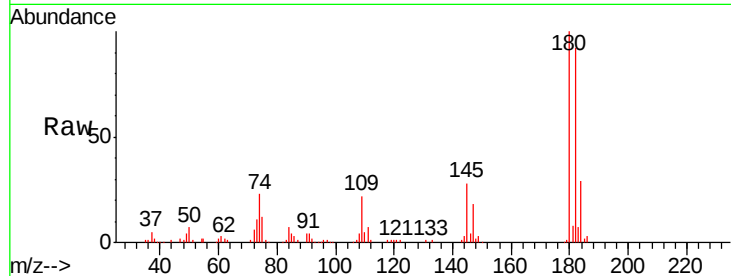
#93
 1,2,4-Trichlorobenzene
 Concen: 19.06 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBSD01

Tgt Ion:	180	Resp:	34711
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.6	142.8
145	27.4	14.1	42.2

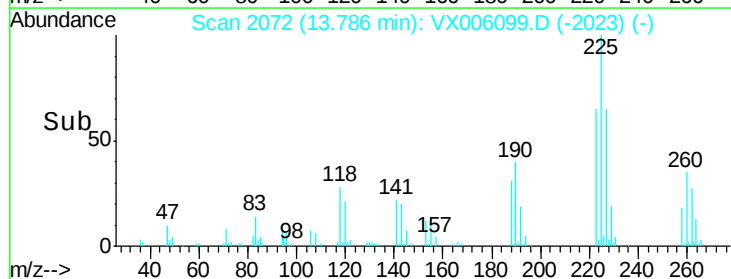
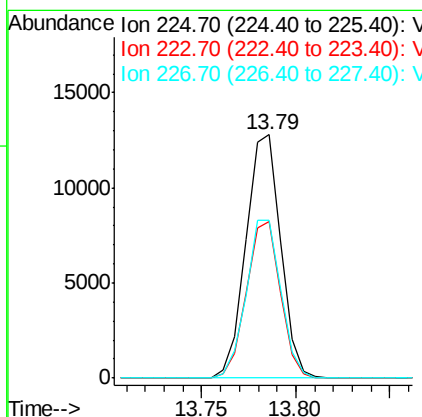
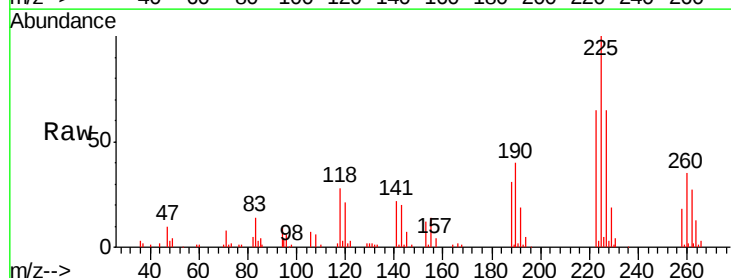
Manual Integrations
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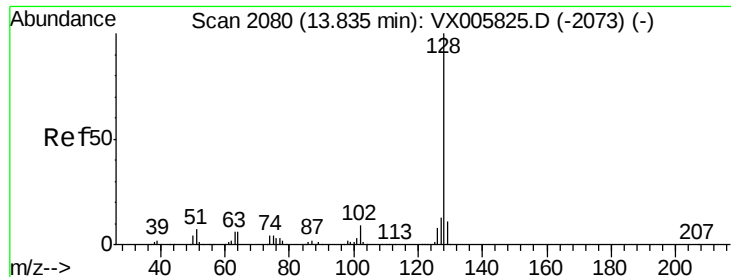
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#94
 Hexachlorobutadiene
 Concen: 17.13 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006099.D
 Acq: 19 Nov 2018 18:47

Tgt Ion:	225	Resp:	16381
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.7	95.1
227	64.6	32.3	96.9





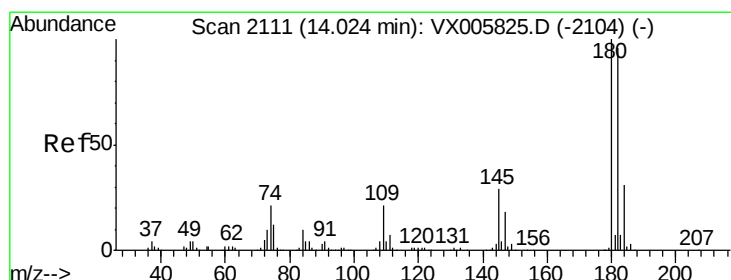
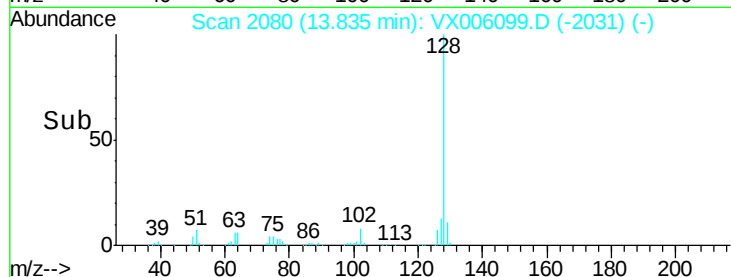
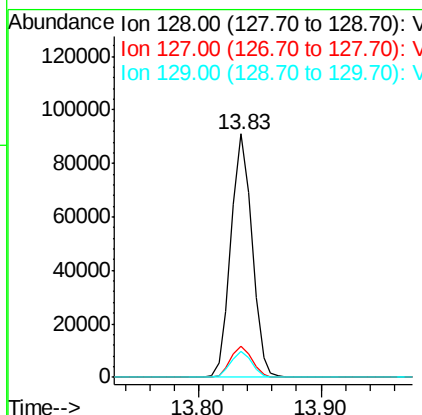
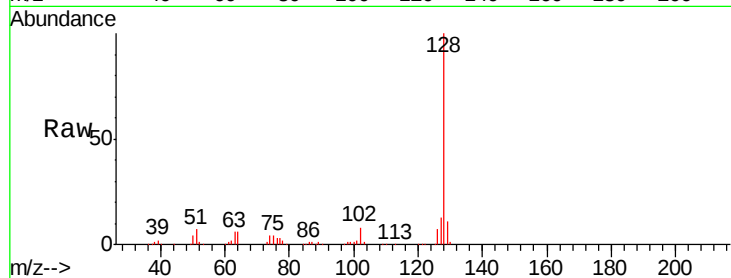
#95
Naphthalene
Concen: 18.96 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.27 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006099.D
Acq: 19 Nov 2018 18:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.2
145	29.6	15.1	45.3

