

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
 Data File : VX018957.D
 Acq On : 19 Oct 2020 17:13
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 19 18:07:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 17:59:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	92713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	167666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	149376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	69669	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	21779	17.18	ug/l	0.00
Spiked Amount			Recovery	=	34.36%	
35) Dibromofluoromethane	5.46	113	17169	15.41	ug/l	0.00
Spiked Amount			Recovery	=	30.82%	
50) Toluene-d8	8.70	98	67450	16.10	ug/l	0.00
Spiked Amount			Recovery	=	32.20%	
62) 4-Bromofluorobenzene	11.12	95	22318	13.77	ug/l	0.00
Spiked Amount			Recovery	=	27.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	16900	15.739	ug/l	100
3) Chloromethane	1.31	50	18110	15.796	ug/l	99
4) Vinyl Chloride	1.39	62	24776	20.764	ug/l	99
5) Bromomethane	1.63	94	22656	34.025	ug/l	99
6) Chloroethane	1.72	64	17660	25.984	ug/l	100
7) Trichlorofluoromethane	1.92	101	41821	24.691	ug/l	96
8) Diethyl Ether	2.17	74	16115	27.043	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	22325	24.212	ug/l	98
10) Methyl Iodide	2.50	142	19730	22.975	ug/l	98
11) Tert butyl alcohol	3.01	59	27116	105.749	ug/l	99
12) 1,1-Dichloroethene	2.36	96	23565	24.492	ug/l	97
13) Acrolein	2.27	56	16632	139.333	ug/l	96
14) Allyl chloride	2.71	41	27505	17.386	ug/l	99
15) Acrylonitrile	3.12	53	49368	88.202	ug/l	99
16) Acetone	2.42	43	52973	106.402	ug/l	100
17) Carbon Disulfide	2.55	76	51168	18.647	ug/l	99
18) Methyl Acetate	2.75	43	21427	17.889	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	59685	19.222	ug/l	98
20) Methylene Chloride	2.83	84	20658	18.219	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	20764	20.320	ug/l	98
22) Diisopropyl ether	3.82	45	52932	16.916	ug/l	# 86
23) Vinyl Acetate	3.78	43	260685	92.658	ug/l	98
24) 1,1-Dichloroethane	3.67	63	35885	19.562	ug/l	99
25) 2-Butanone	4.64	43	74114	91.030	ug/l	95
26) 2,2-Dichloropropane	4.55	77	33689	21.942	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	24264	20.458	ug/l	98
28) Bromochloromethane	4.98	49	15057	17.257	ug/l	95
29) Tetrahydrofuran	5.09	42	42642	83.453	ug/l	100
30) Chloroform	5.18	83	38219	19.925	ug/l	98
31) Cyclohexane	5.55	56	28474	18.605	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	34502	19.600	ug/l	98
36) 1,1-Dichloropropene	5.77	75	29398	19.037	ug/l	99
37) Ethyl Acetate	4.79	43	28372	16.204	ug/l	99
38) Carbon Tetrachloride	5.75	117	30335	17.611	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	7.44	83	32062	19.010	ug/l	99
40) Benzene	6.11	78	86177	18.898	ug/l	100
41) Methacrylonitrile	5.00	41	15146	15.839	ug/l	98
42) 1,2-Dichloroethane	6.16	62	30748	17.889	ug/l	99
43) Isopropyl Acetate	6.41	43	48268	17.070	ug/l	99
44) Trichloroethene	7.19	130	22766	17.868	ug/l	99
45) 1,2-Dichloropropane	7.49	63	21092	17.513	ug/l	100
46) Dibromomethane	7.64	93	15148	17.710	ug/l	100
47) Bromodichloromethane	7.87	83	31163	18.296	ug/l	99
48) Methyl methacrylate	7.74	41	22588	16.206	ug/l	96
49) 1,4-Dioxane	7.71	88	10108	388.038	ug/l #	96
51) 4-Methyl-2-Pentanone	8.62	43	143732	82.867	ug/l	98
52) Toluene	8.76	92	53991	18.569	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	34021	17.892	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	36686	18.254	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	21452	17.516	ug/l	97
56) Ethyl methacrylate	9.16	69	33492	18.366	ug/l	97
57) 1,3-Dichloropropane	9.35	76	36130	17.907	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	89570	106.075	ug/l	98
59) 2-Hexanone	9.47	43	108823	82.725	ug/l	97
60) Dibromochloromethane	9.57	129	22435	15.723	ug/l	97
61) 1,2-Dibromoethane	9.65	107	22922	17.237	ug/l	99
64) Tetrachloroethene	9.32	164	18946	17.437	ug/l	98
65) Chlorobenzene	10.12	112	57459	19.177	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	20943	17.930	ug/l	98
67) Ethyl Benzene	10.23	91	102327	20.058	ug/l	99
68) m/p-Xylenes	10.34	106	77301	40.411	ug/l	96
69) o-Xylene	10.68	106	36940	19.842	ug/l	95
70) Styrene	10.70	104	61360	19.475	ug/l	98
71) Bromoform	10.84	173	16103	16.235	ug/l #	98
73) Isopropylbenzene	11.00	105	98788	21.486	ug/l	98
74) N-amyl acetate	10.88	43	37394	18.030	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	31798	19.653	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	38570	25.184	ug/l	83
77) Bromobenzene	11.24	156	22163	17.604	ug/l	91
78) n-propylbenzene	11.34	91	110420	21.118	ug/l	98
79) 2-Chlorotoluene	11.40	91	63948	19.962	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	80417	21.202	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	11802	20.548	ug/l	97
82) 4-Chlorotoluene	11.49	91	77664	20.359	ug/l	97
83) tert-Butylbenzene	11.76	119	80627	21.408	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	82366	21.258	ug/l	98
85) sec-Butylbenzene	11.93	105	95145	22.155	ug/l	99
86) p-Isopropyltoluene	12.05	119	84906	21.624	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	41111	18.399	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	42330	18.809	ug/l	97
89) n-Butylbenzene	12.37	91	77414	21.506	ug/l	98
90) Hexachloroethane	12.58	117	13588	18.046	ug/l	94
91) 1,2-Dichlorobenzene	12.37	146	41044	19.447	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	7374	18.429	ug/l	90

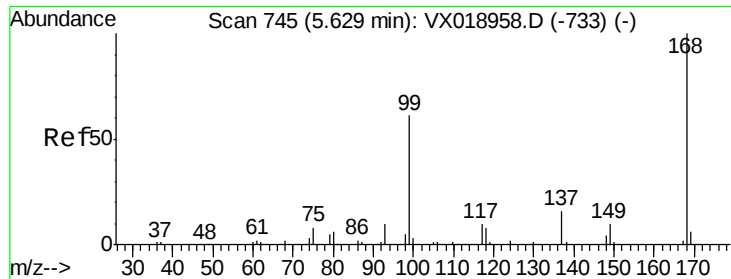
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
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Quant Title : SW846 8260
QLast Update : Mon Oct 19 17:59:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	25984	18.460	ug/l	96
94) Hexachlorobutadiene	13.77	225	10793	19.190	ug/l	99
95) Naphthalene	13.82	128	96050	20.598	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	26037	18.684	ug/l	97

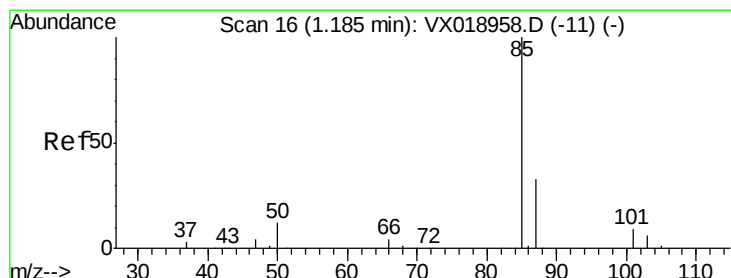
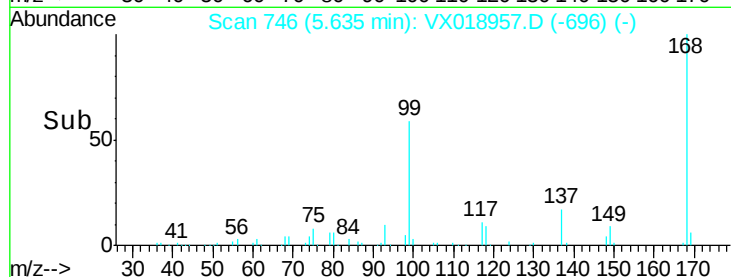
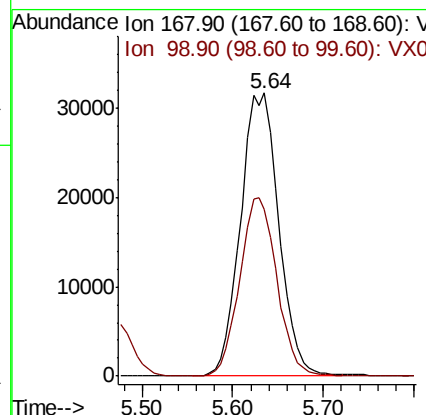
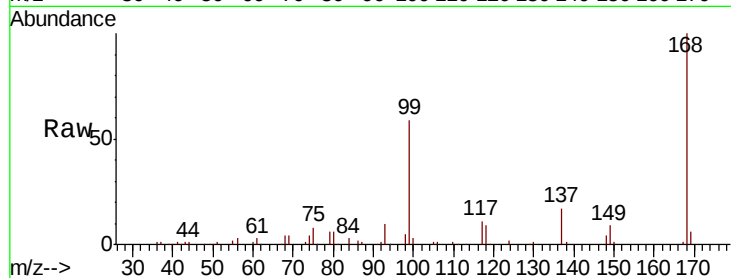
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

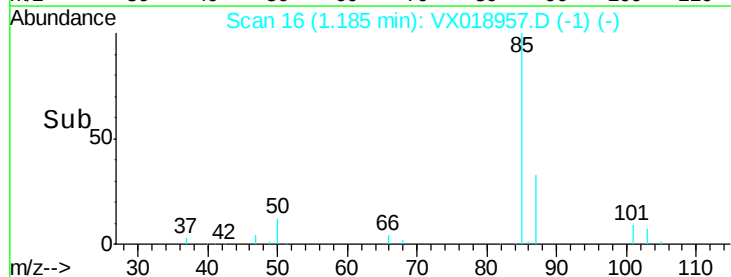
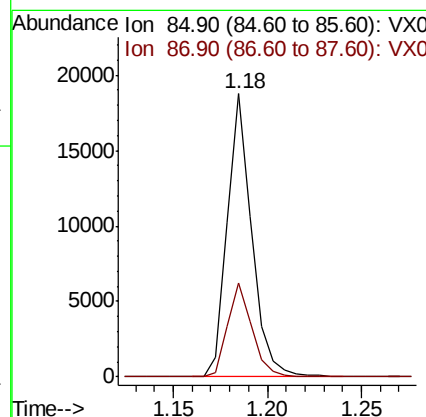
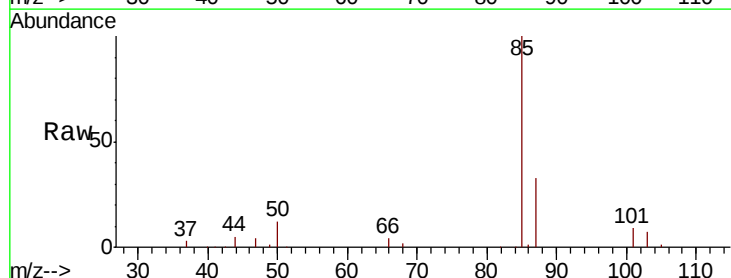
Instrument :
MSVOA_X
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VSTDIC020

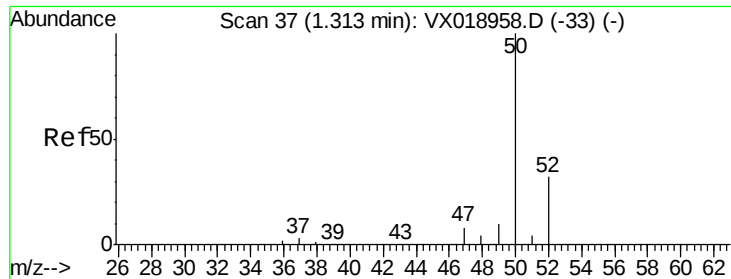
Tot Ion:168 Resp: 92713
Ion Ratio Lower Upper
168 100
99 58.8 48.5 72.7



#2
Dichlorodifluoromethane
Concen: 15.739 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion: 85 Resp: 16900
Ion Ratio Lower Upper
85 100
87 33.2 16.5 49.5





#3

Chloromethane

Concen: 15.796 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

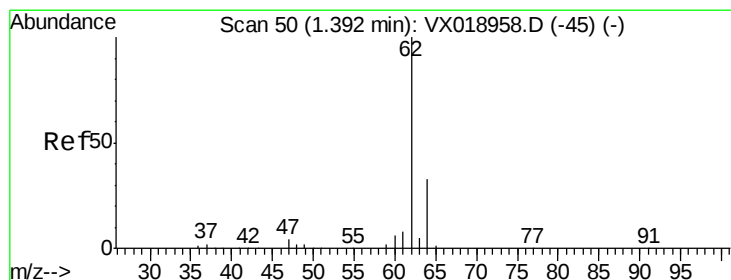
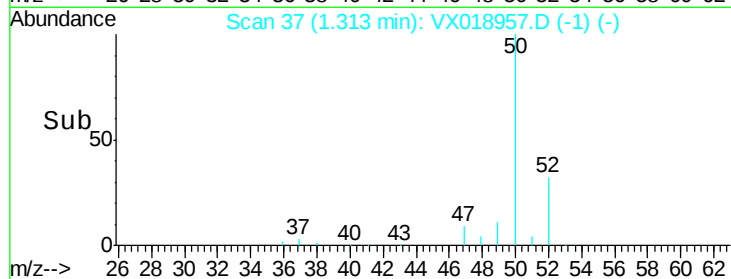
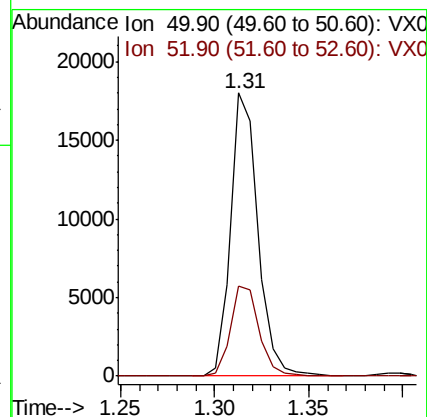
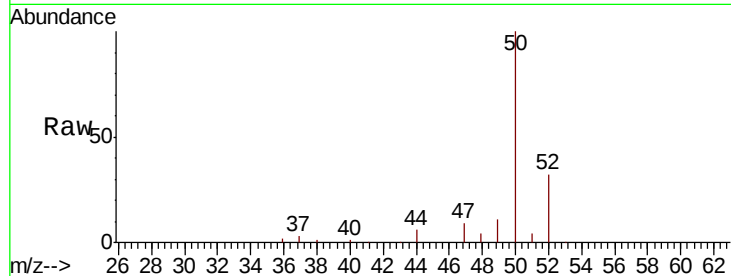
VSTDIC020

Tot Ion: 50 Resp: 18110

Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



#4

Vinyl Chloride

Concen: 20.764 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018957.D

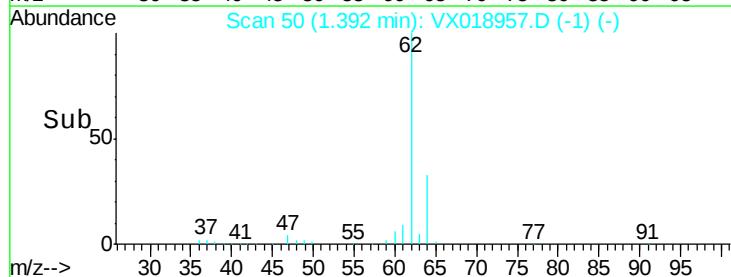
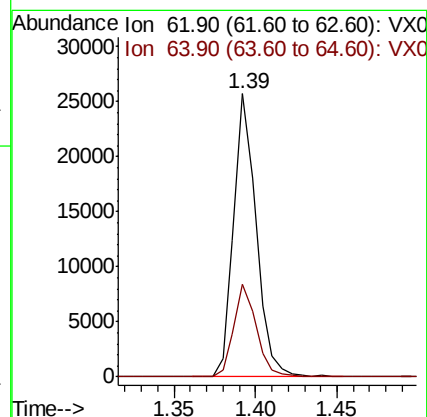
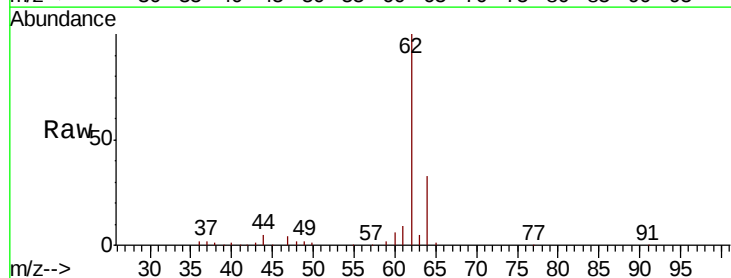
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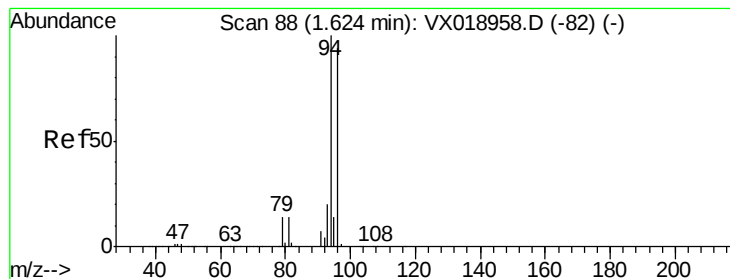
Tgt Ion: 62 Resp: 24776

Ion Ratio Lower Upper

62 100

64 32.9 26.7 40.1





#5

Bromomethane

Concen: 34.025 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

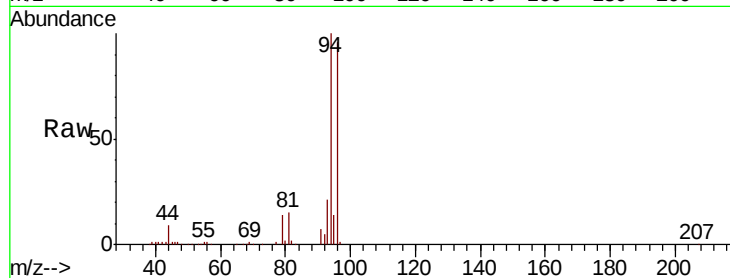
VSTDIC020

Tot Ion: 94 Resp: 22656

Ion Ratio Lower Upper

94 100

96 95.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

20000

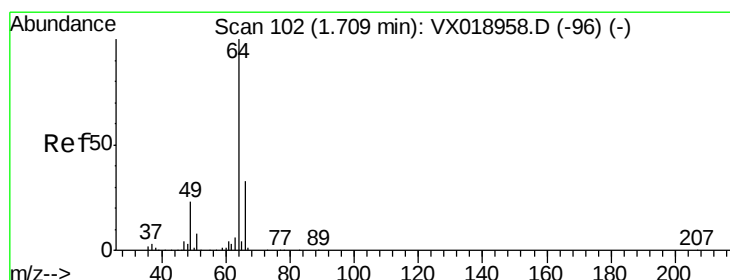
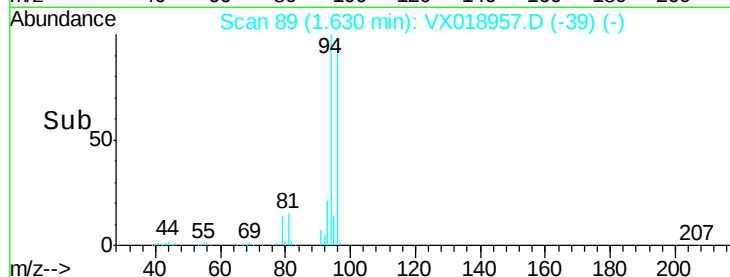
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 25.984 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018957.D

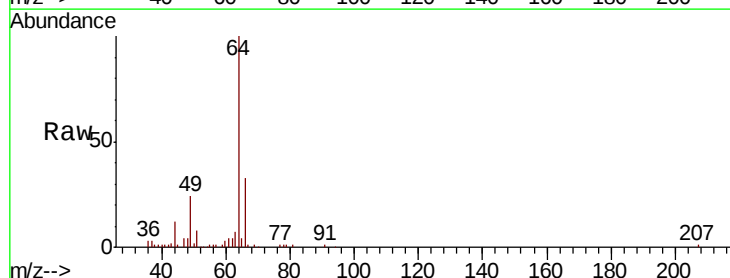
Acq: 19 Oct 2020 17:13

Tgt Ion: 64 Resp: 17660

Ion Ratio Lower Upper

64 100

66 33.3 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

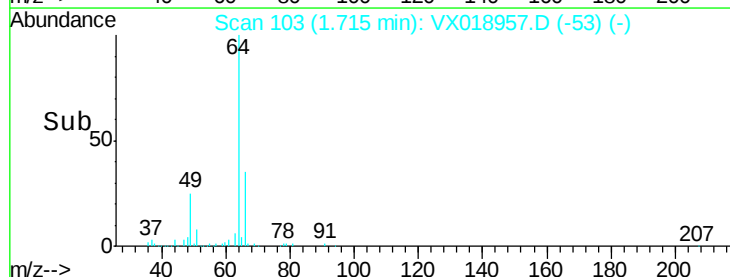
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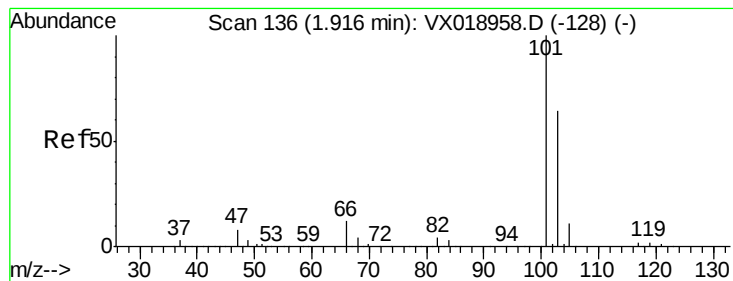
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5000

0

Time-->



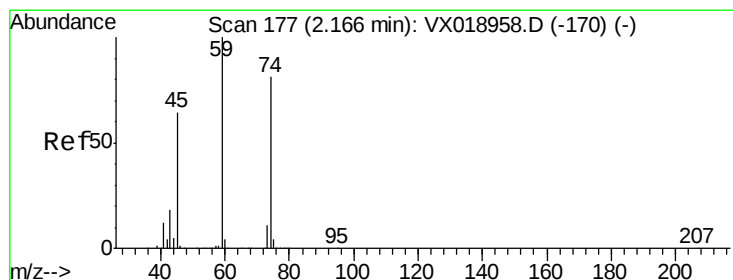
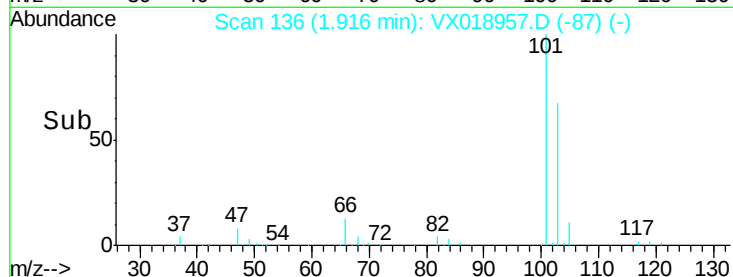
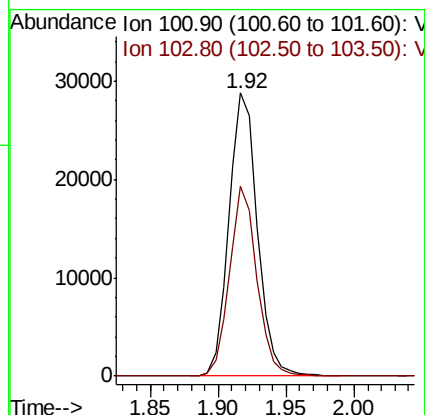
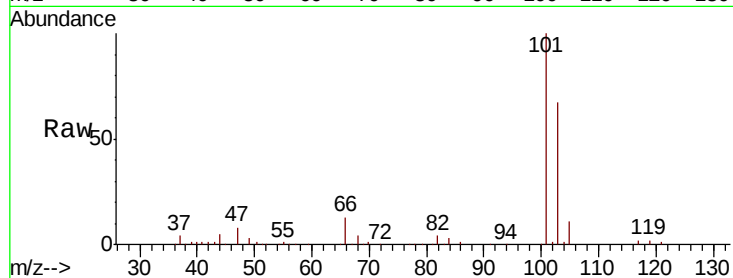


#7

Trichlorofluoromethane
 Concen: 24.691 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX018957.D
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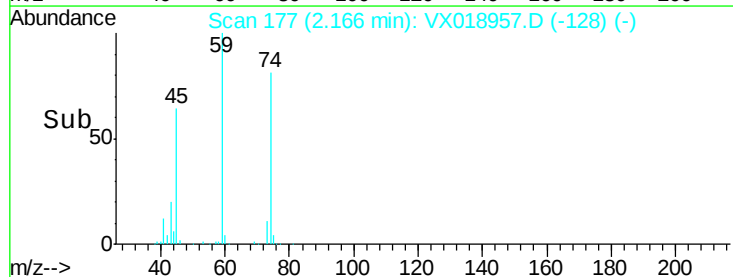
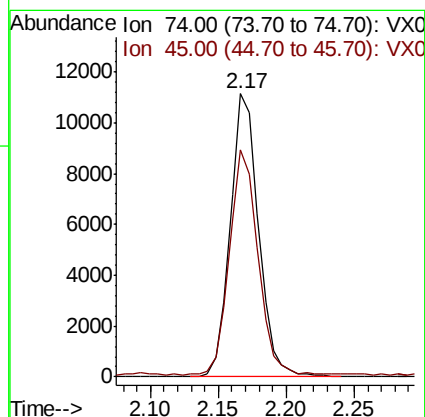
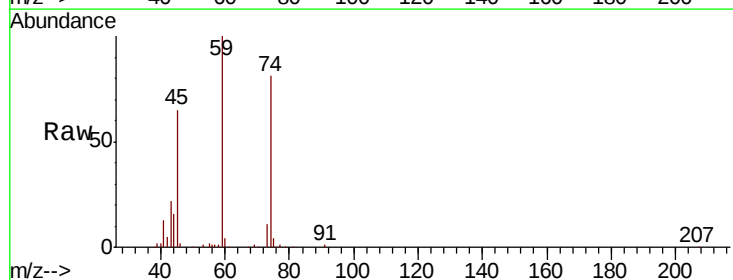
Tot Ion:101 Resp: 41821
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.3 76.9

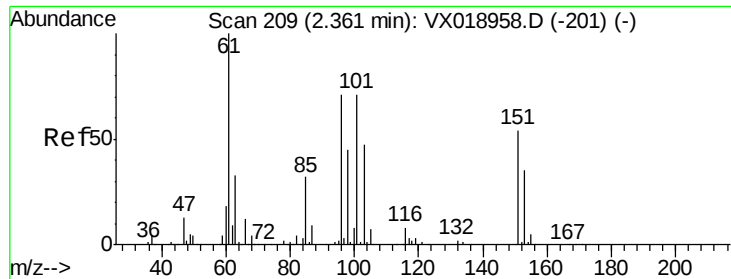


#8

Diethyl Ether
 Concen: 27.043 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

Tgt Ion: 74 Resp: 16115
 Ion Ratio Lower Upper
 74 100
 45 80.0 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.212 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

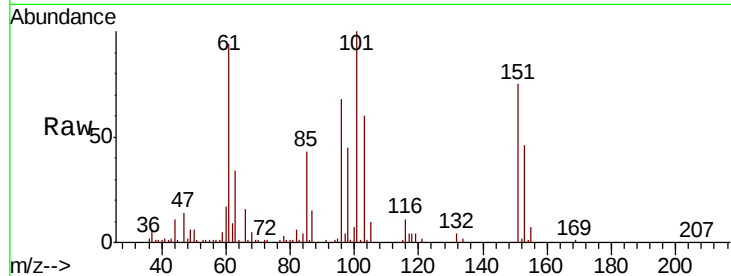
Tot Ion:101 Resp: 22325

Ion Ratio Lower Upper

101 100

85 45.1 35.1 52.7

151 76.4 62.1 93.1



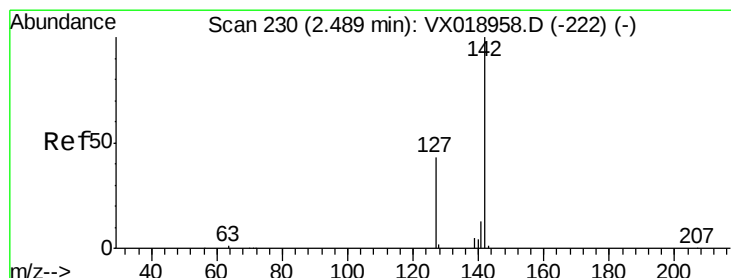
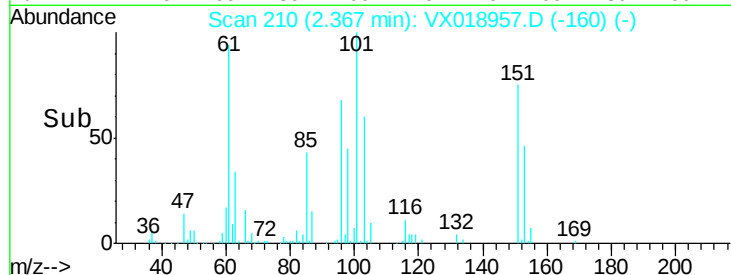
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

Time-->

2.30 2.35 2.40 2.45



#10

Methyl Iodide

Concen: 22.975 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

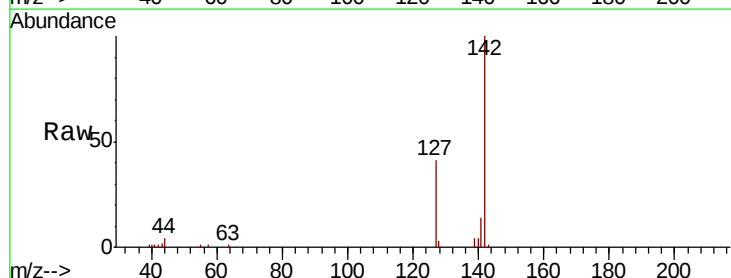
Tgt Ion:142 Resp: 19730

Ion Ratio Lower Upper

142 100

127 43.6 35.9 53.9

141 14.1 11.6 17.4



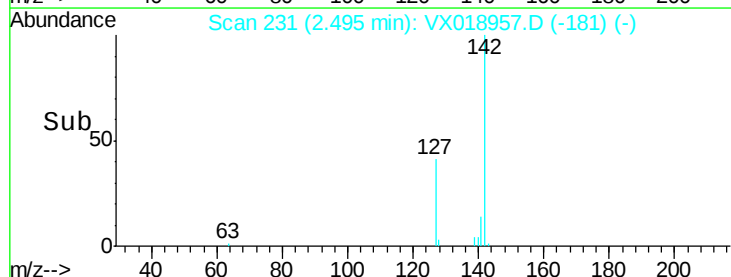
Abundance Ion 141.80 (141.50 to 142.50): V

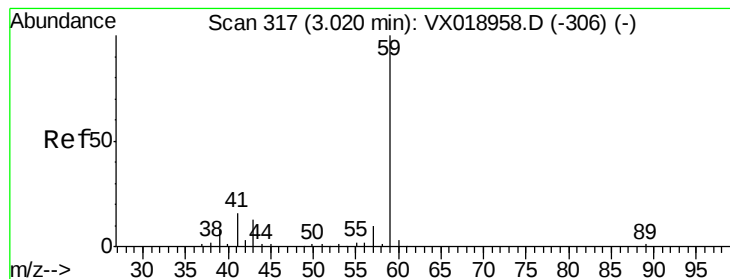
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

Time-->

2.40 2.45 2.50 2.55 2.60



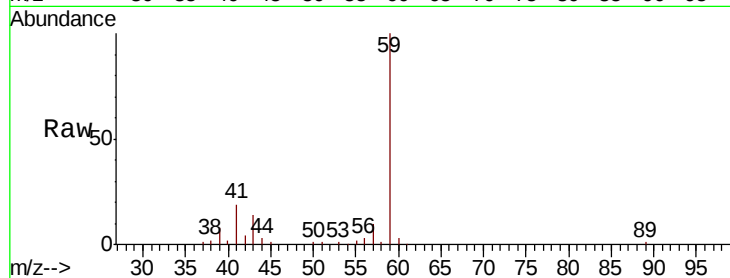


#11

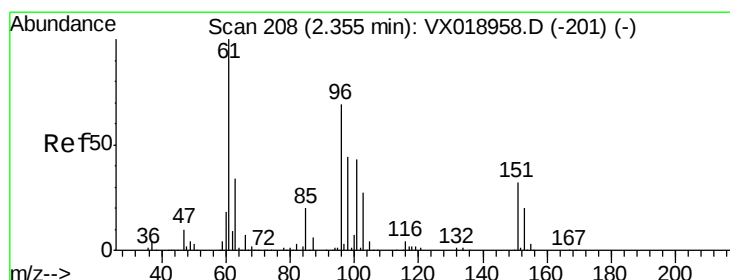
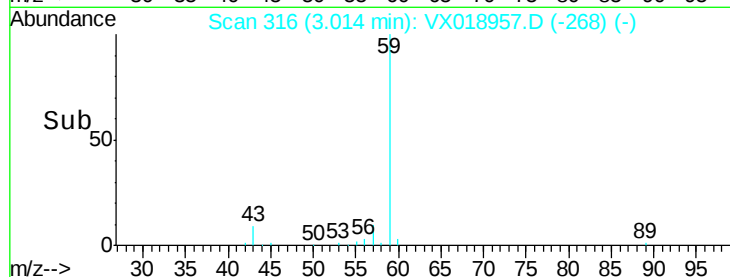
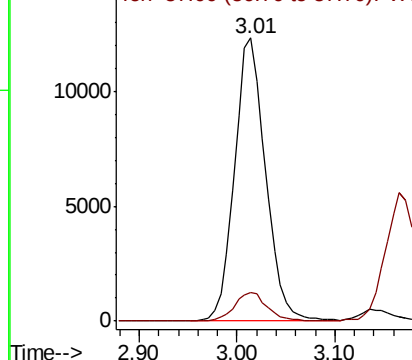
Tert butyl alcohol
 Concen: 105.749 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 59 Resp: 27116
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.1 12.1



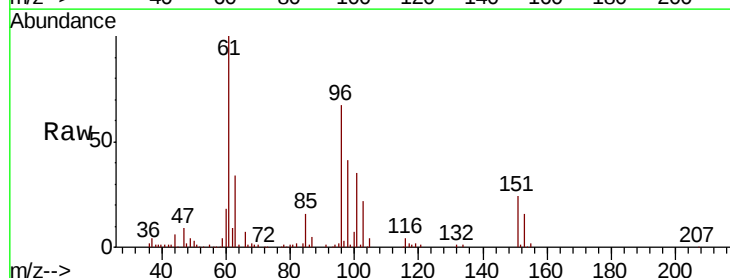
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



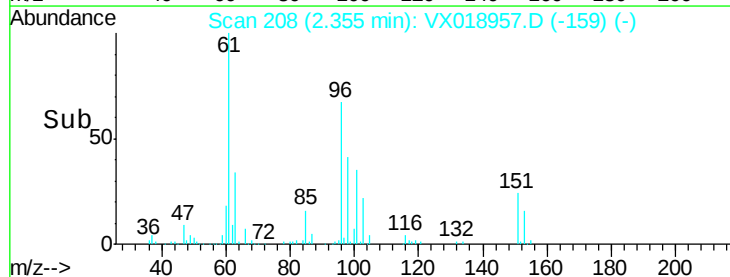
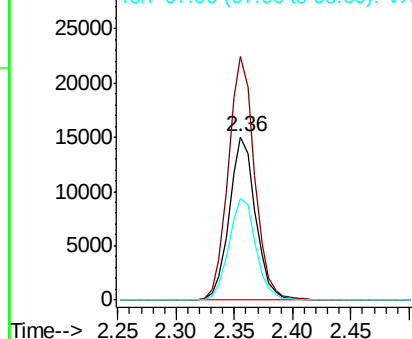
#12

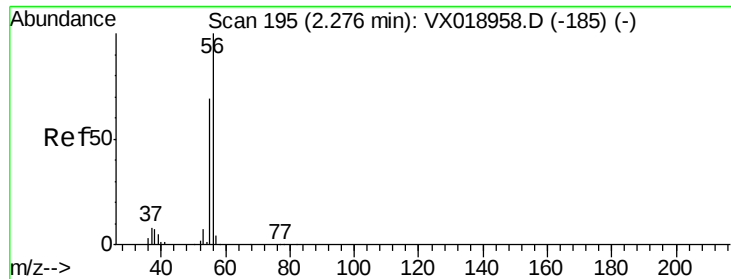
1,1-Dichloroethene
 Concen: 24.492 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

Tgt Ion: 96 Resp: 23565
 Ion Ratio Lower Upper
 96 100
 61 149.4 116.2 174.2
 98 62.0 50.9 76.3



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





#13

Acrolein

Concen: 139.333 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

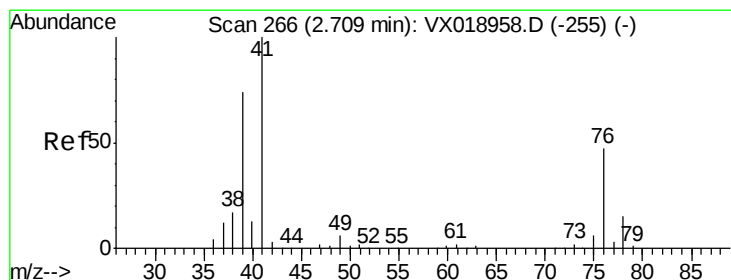
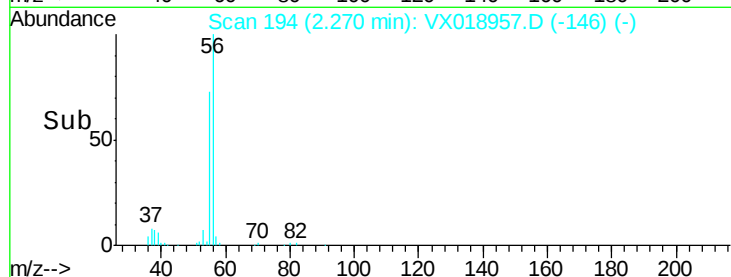
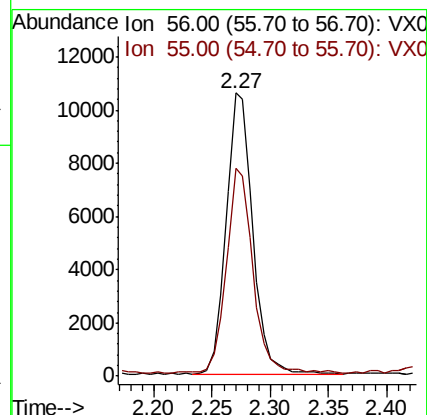
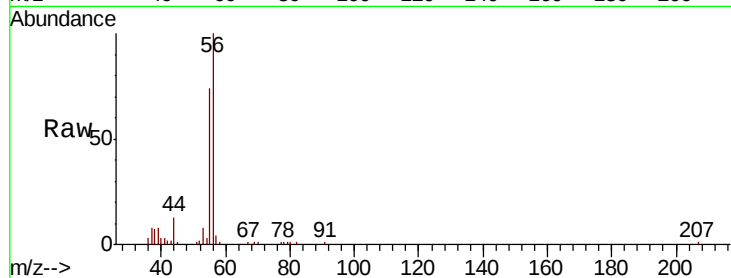
VSTDIC020

Tot Ion: 56 Resp: 16632

Ion Ratio Lower Upper

56 100

55 73.2 56.2 84.2



#14

Allyl chloride

Concen: 17.386 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

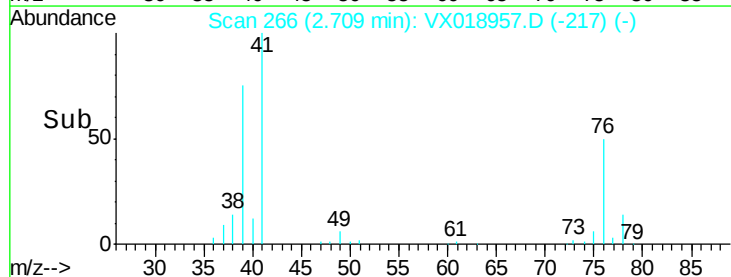
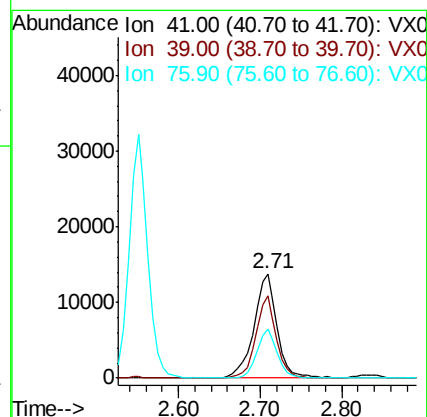
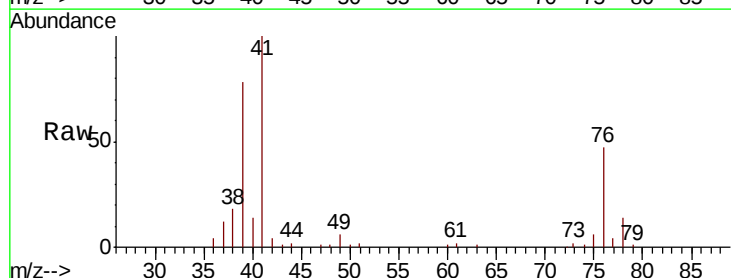
Tgt Ion: 41 Resp: 27505

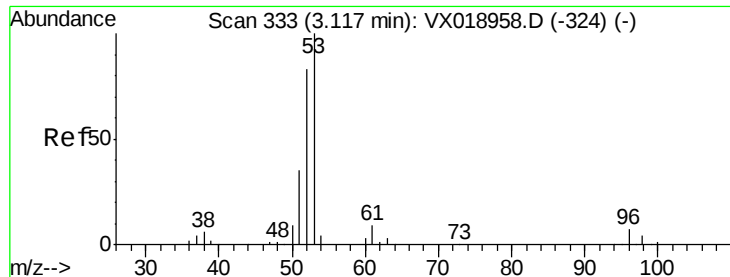
Ion Ratio Lower Upper

41 100

39 69.6 55.4 83.2

76 41.1 34.1 51.1





#15

Acrylonitrile

Concen: 88.202 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

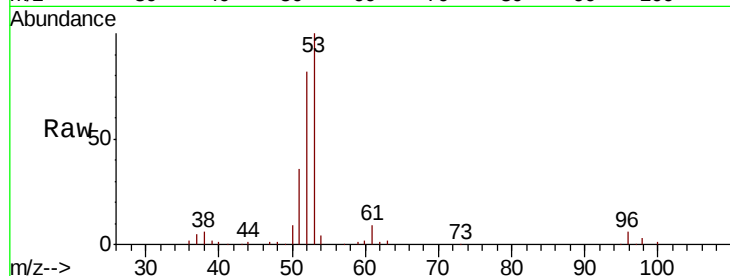
Tot Ion: 53 Resp: 49368

Ion Ratio Lower Upper

53 100

52 82.3 65.3 97.9

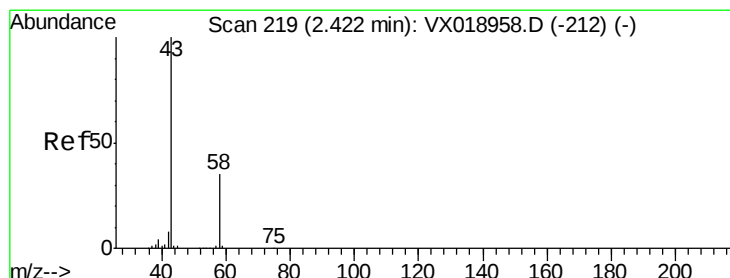
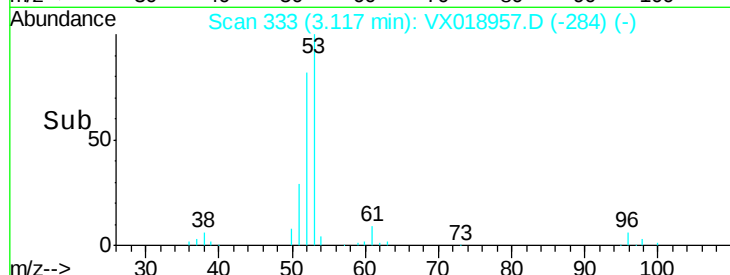
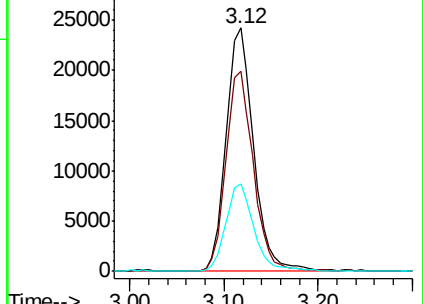
51 36.8 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 106.402 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018957.D

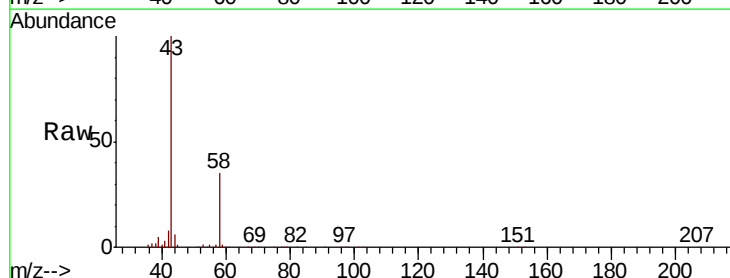
Acq: 19 Oct 2020 17:13

Tgt Ion: 43 Resp: 52973

Ion Ratio Lower Upper

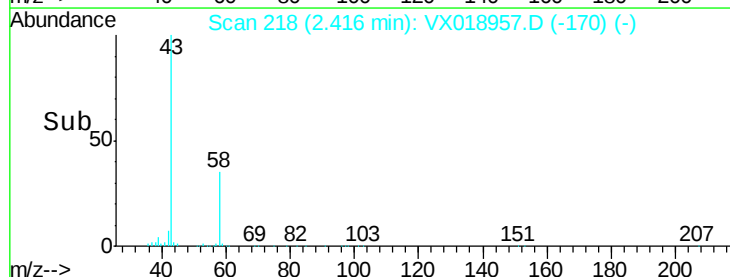
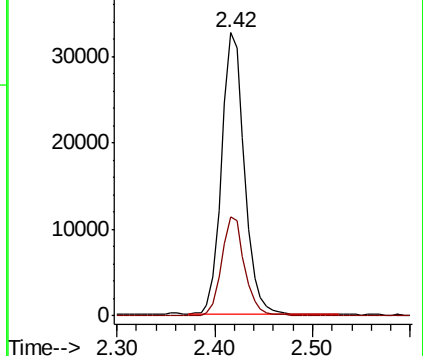
43 100

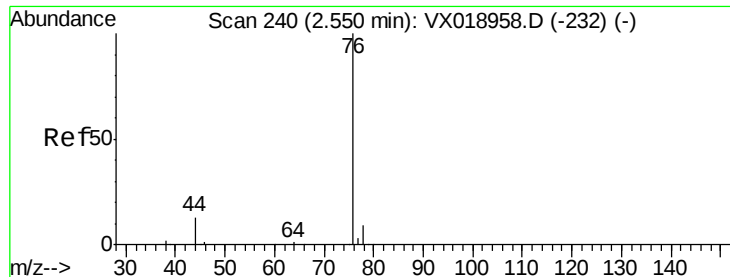
58 35.0 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

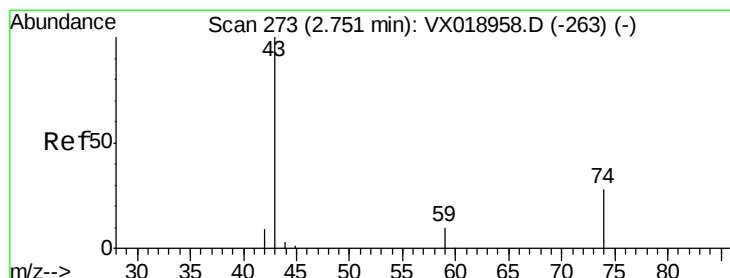
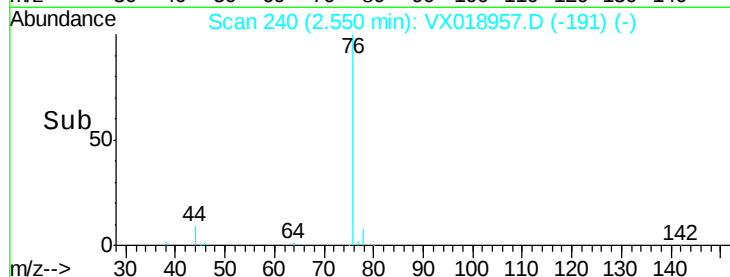
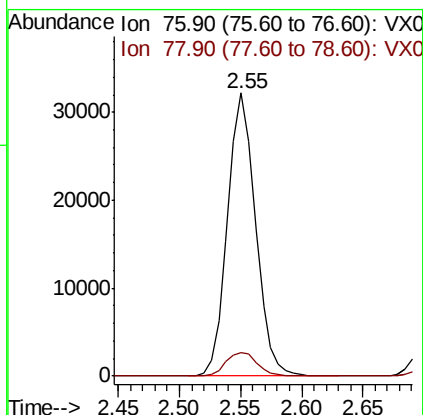
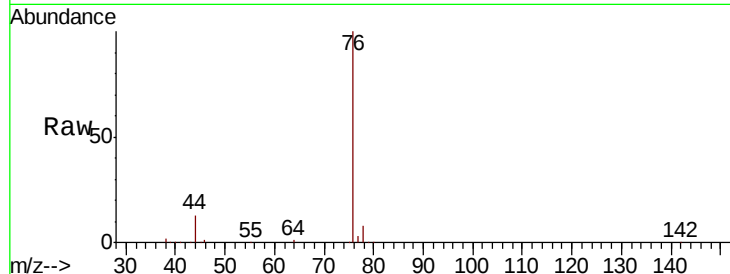




#17
Carbon Disulfide
Concen: 18.647 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

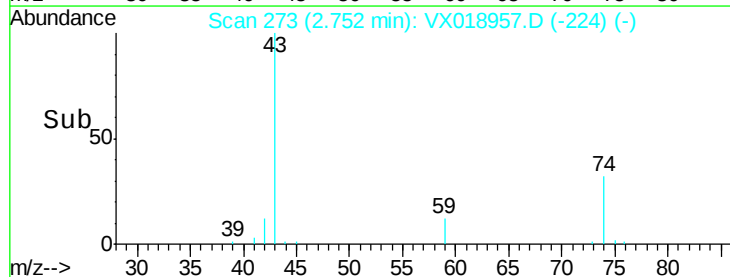
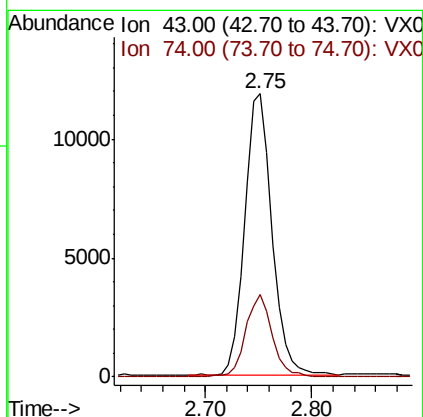
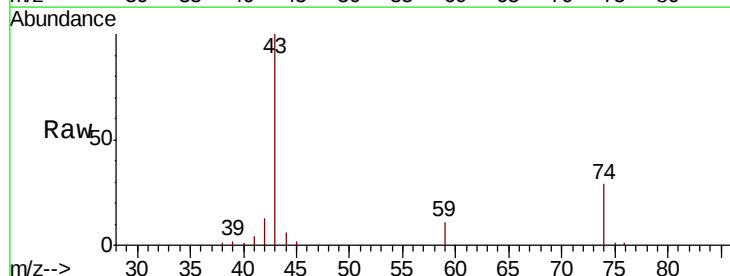
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

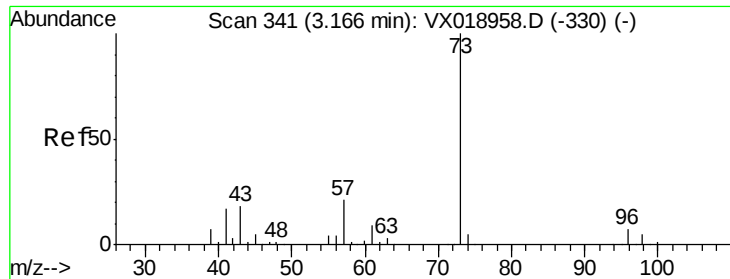
Tot Ion: 76 Resp: 51168
Ion Ratio Lower Upper
76 100
78 8.3 6.9 10.3



#18
Methyl Acetate
Concen: 17.889 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion: 43 Resp: 21427
Ion Ratio Lower Upper
43 100
74 28.4 23.0 34.6

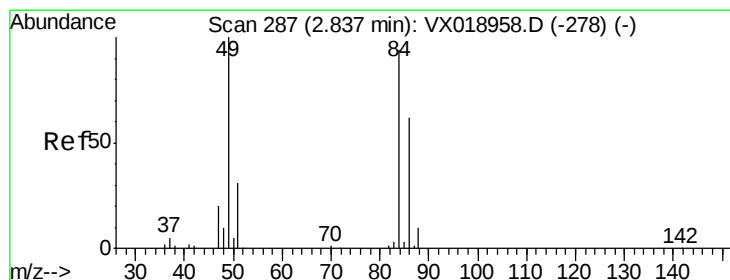
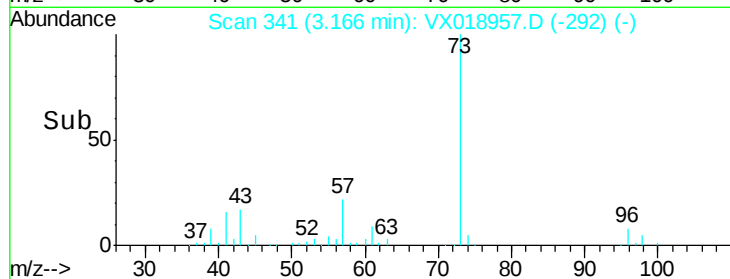
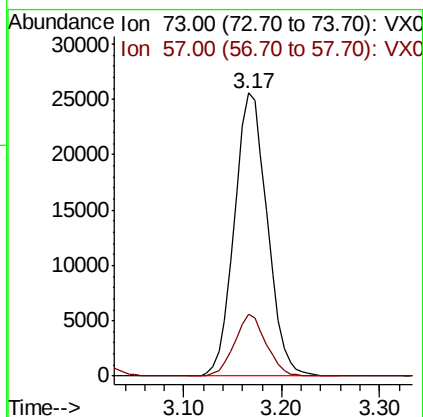
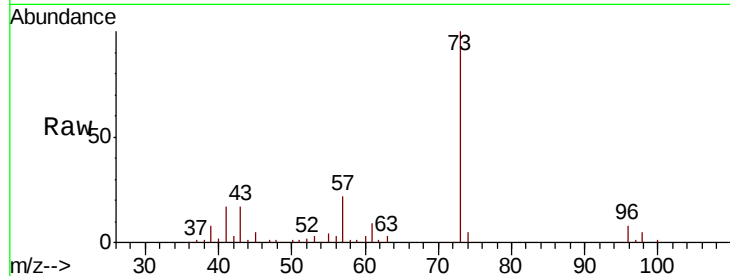




#19
Methyl tert-butyl Ether
Concen: 19.222 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

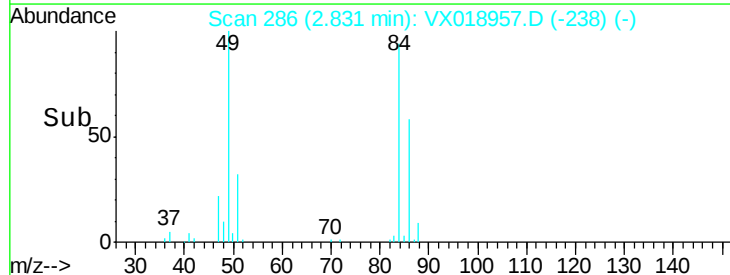
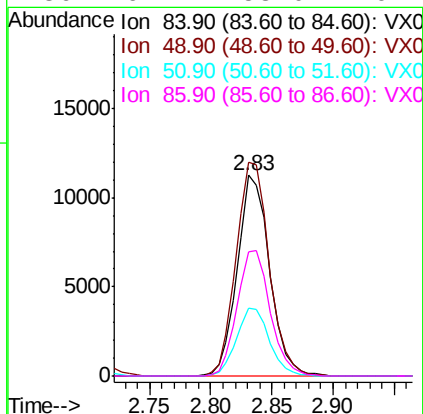
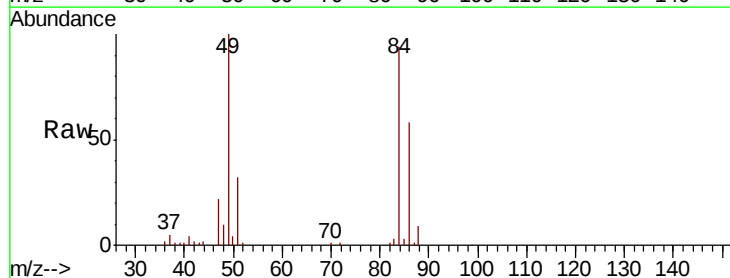
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

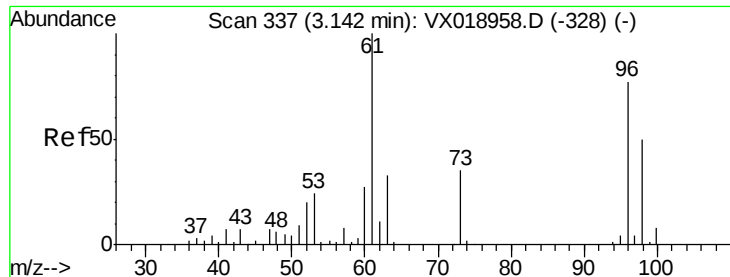
Tot Ion: 73 Resp: 59685
Ion Ratio Lower Upper
73 100
57 21.8 16.6 25.0



#20
Methylene Chloride
Concen: 18.219 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion: 84 Resp: 20658
Ion Ratio Lower Upper
84 100
49 106.5 85.1 127.7
51 34.1 26.0 39.0
86 62.2 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 20.320 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

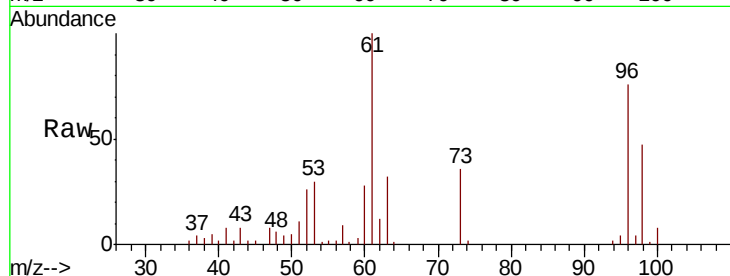
Tot Ion: 96 Resp: 20764

Ion Ratio Lower Upper

96 100

61 130.8 103.4 155.0

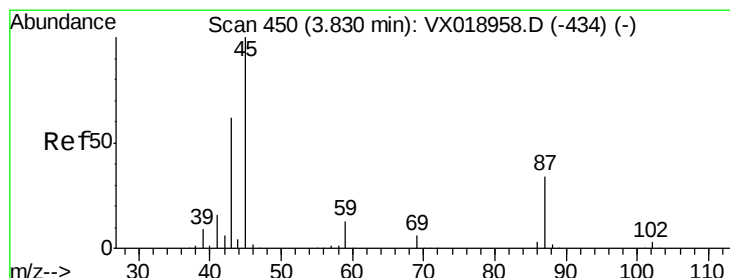
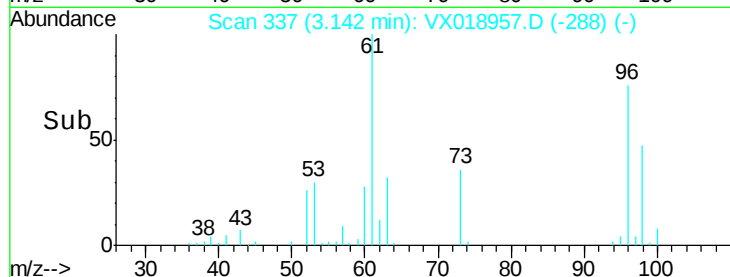
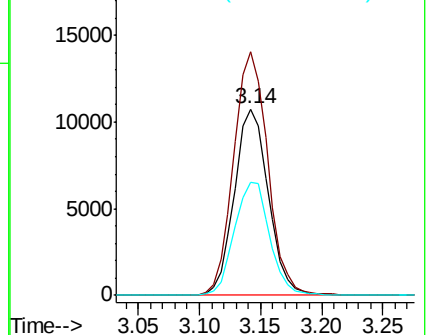
98 60.9 51.7 77.5



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: 16.916 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Tgt Ion: 45 Resp: 52932

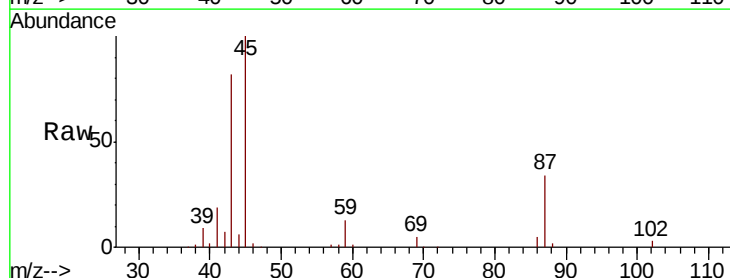
Ion Ratio Lower Upper

45 100

43 80.9 49.7 74.5#

87 33.9 27.4 41.2

59 13.0 10.1 15.1

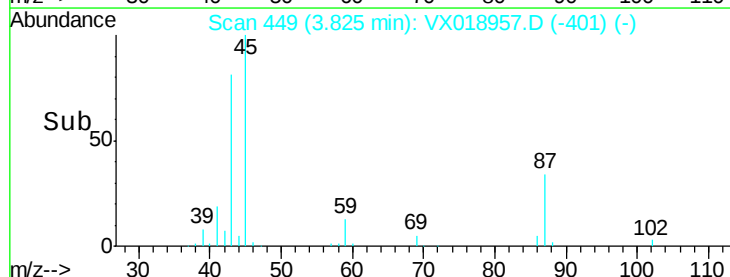
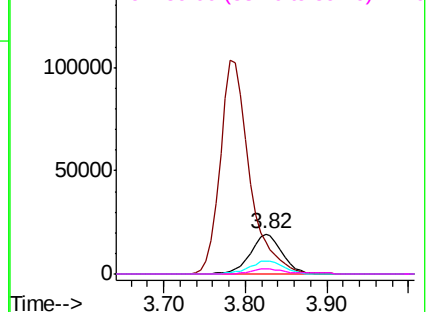


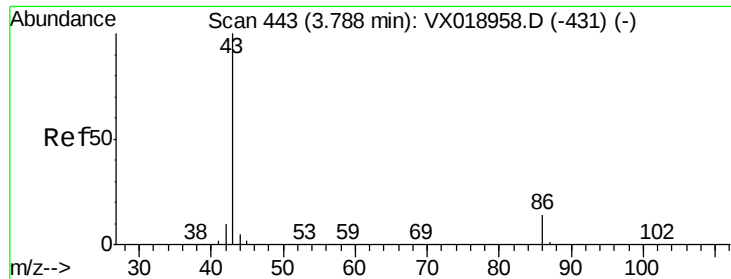
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 92.658 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

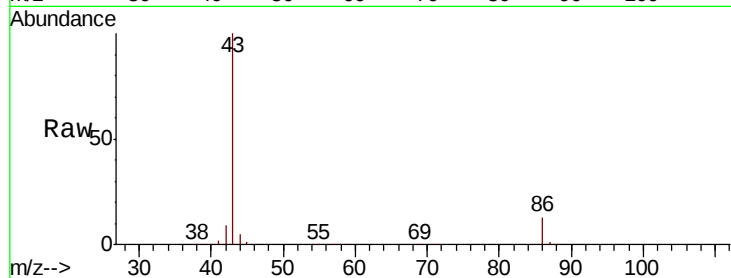
VSTDIC020

Tot Ion: 43 Resp: 260685

Ion Ratio Lower Upper

43 100

86 12.7 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

120000

100000

80000

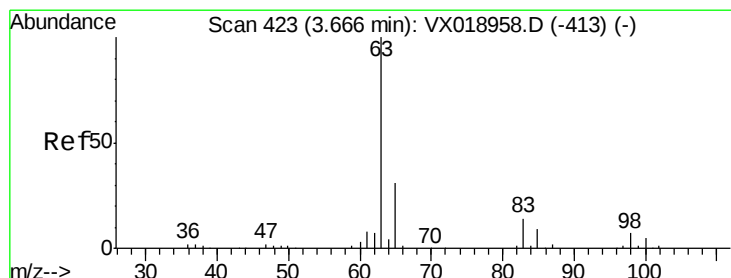
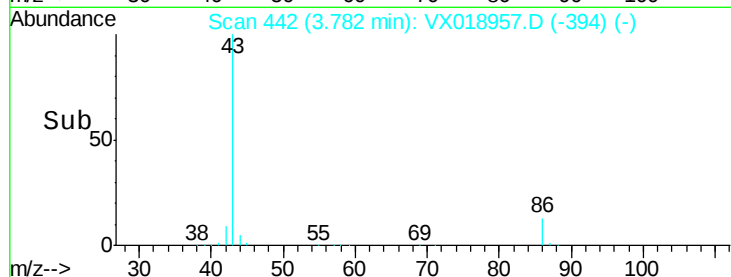
60000

40000

20000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 19.562 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

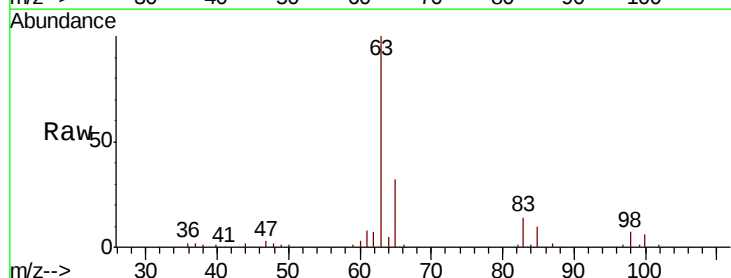
Tgt Ion: 63 Resp: 35885

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 5.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

20000

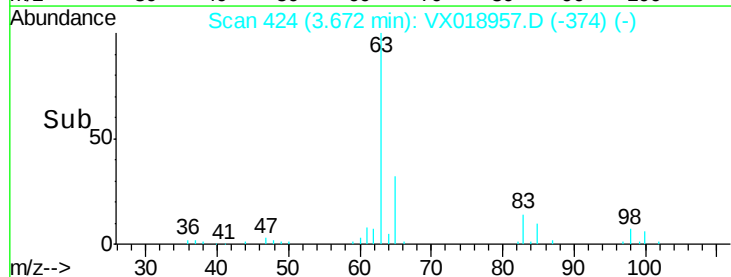
15000

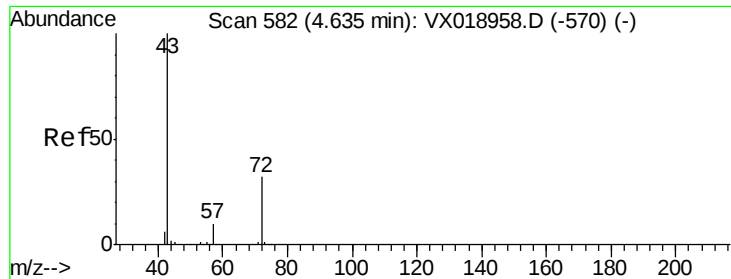
10000

5000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 91.030 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

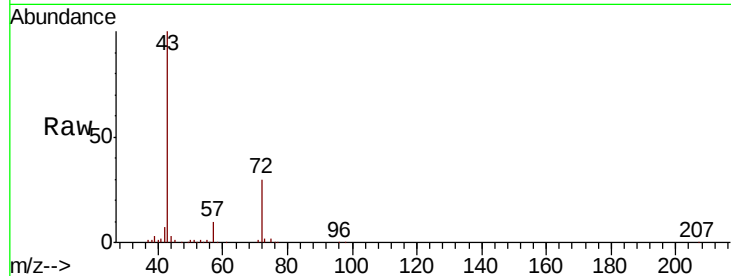
VSTDIC020

Tot Ion: 43 Resp: 74114

Ion Ratio Lower Upper

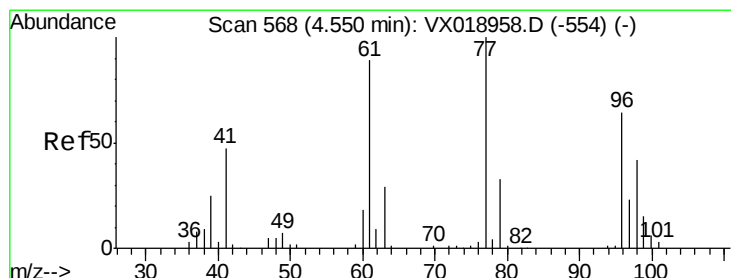
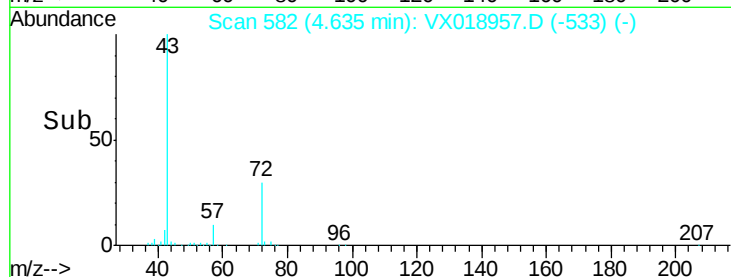
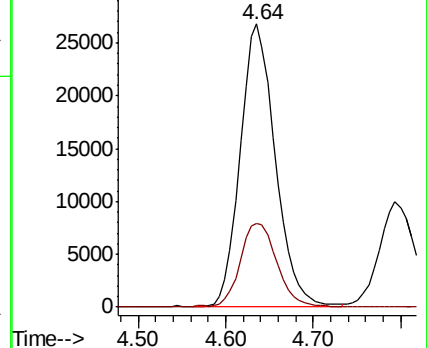
43 100

72 29.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.942 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018957.D

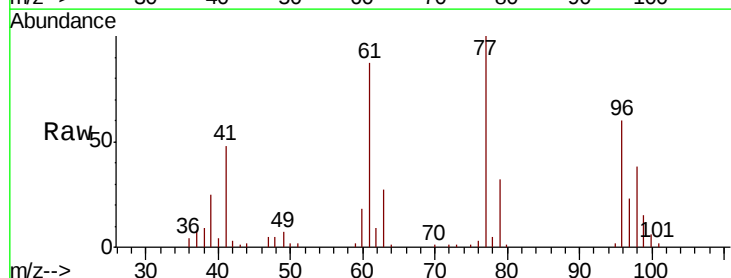
Acq: 19 Oct 2020 17:13

Tgt Ion: 77 Resp: 33689

Ion Ratio Lower Upper

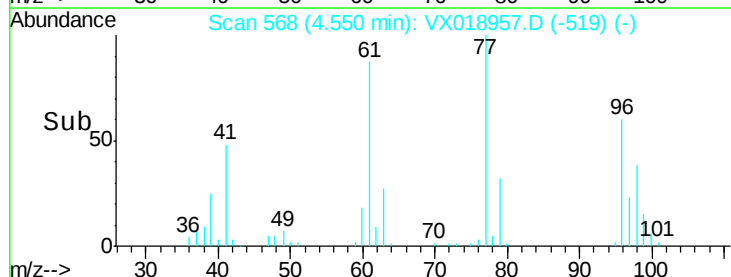
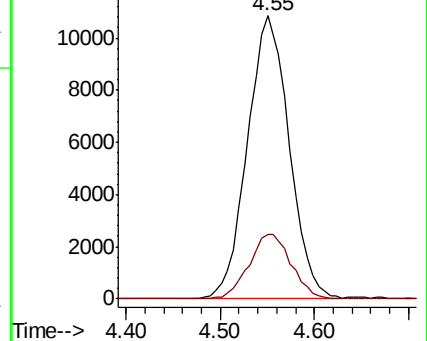
77 100

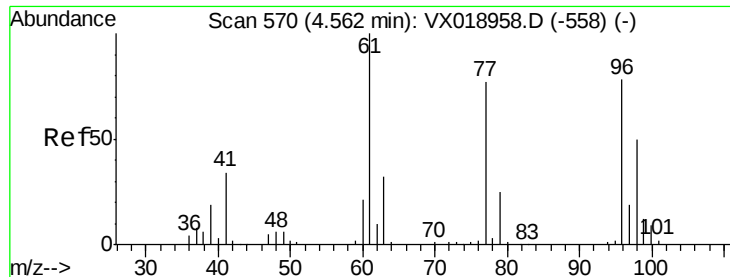
97 23.0 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



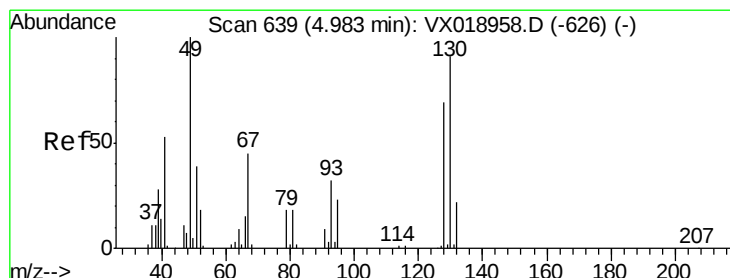
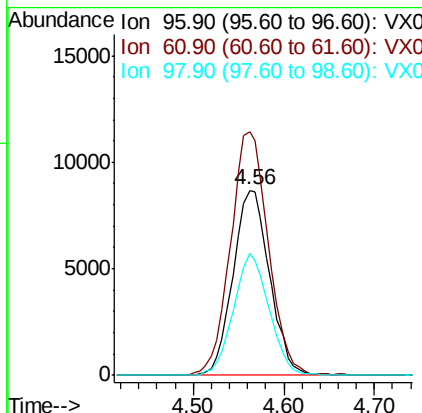
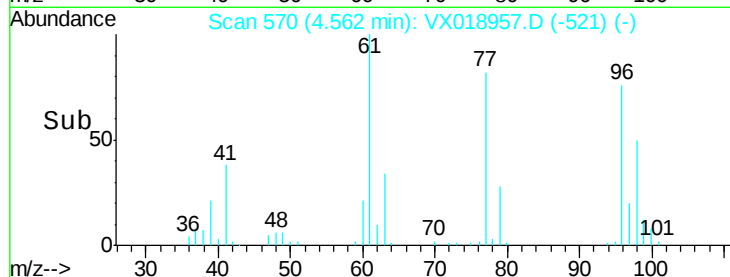
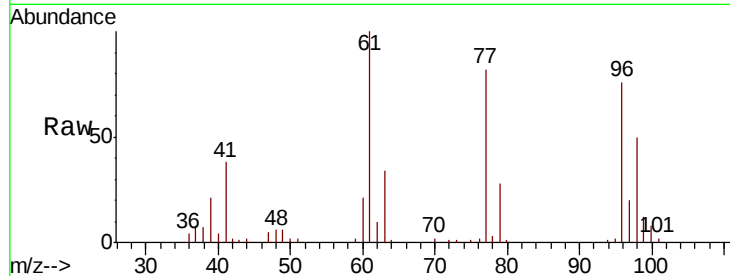


#27

cis-1,2-Dichloroethene
Concen: 20.458 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

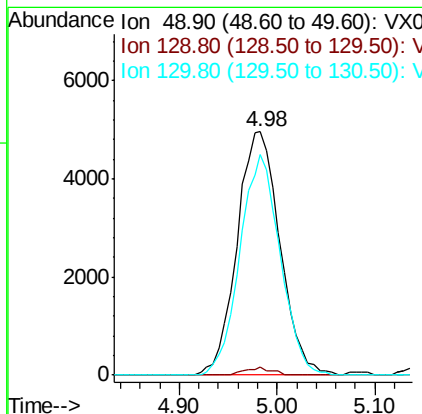
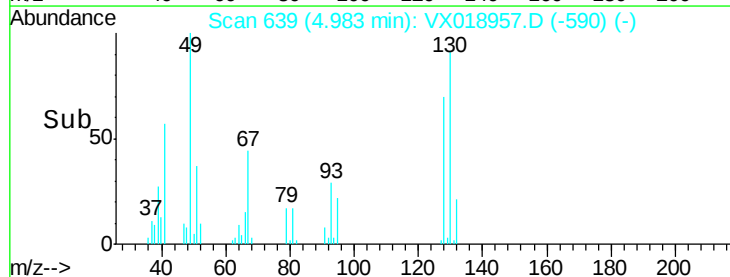
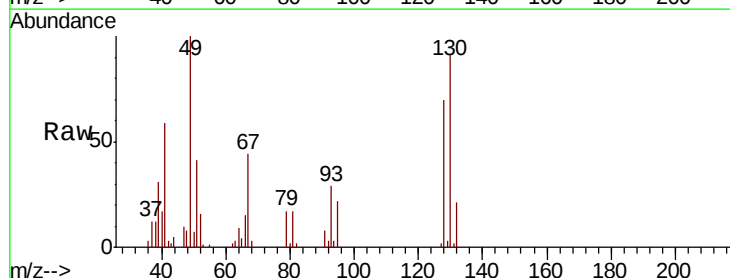
Tot Ion: 96 Resp: 24264
Ion Ratio Lower Upper
96 100
61 136.3 0.0 265.2
98 63.9 0.0 128.4

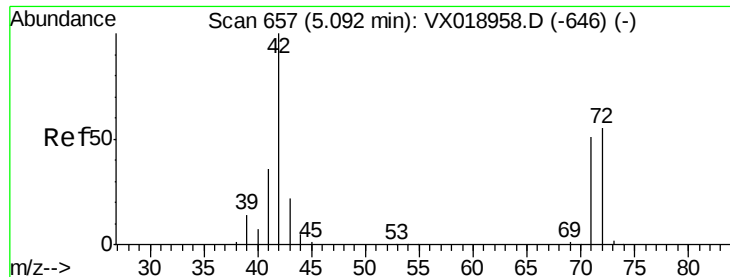


#28

Bromochloromethane
Concen: 17.257 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion: 49 Resp: 15057
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 85.1 72.0 108.0

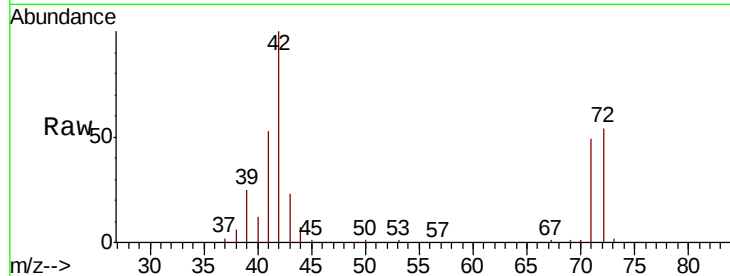




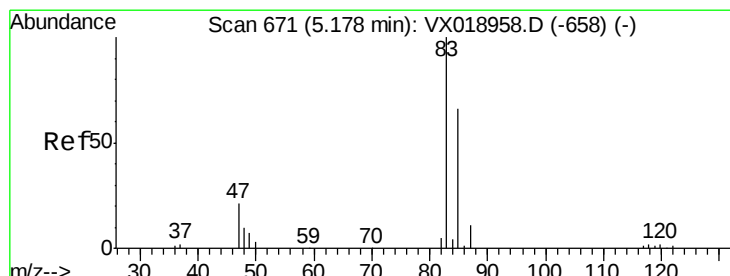
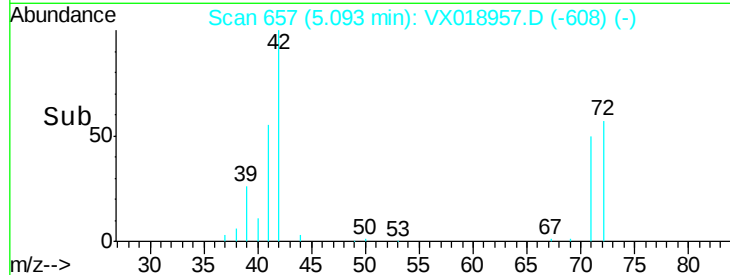
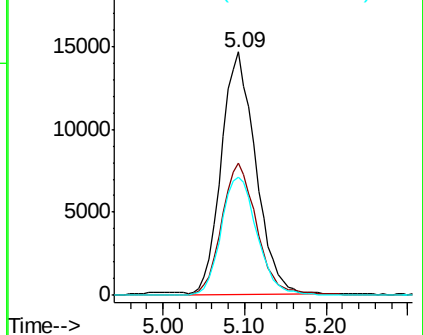
#29
Tetrahydrofuran
Concen: 83.453 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 42 Resp: 42642
Ion Ratio Lower Upper
42 100
72 55.8 44.9 67.3
71 50.9 41.0 61.6

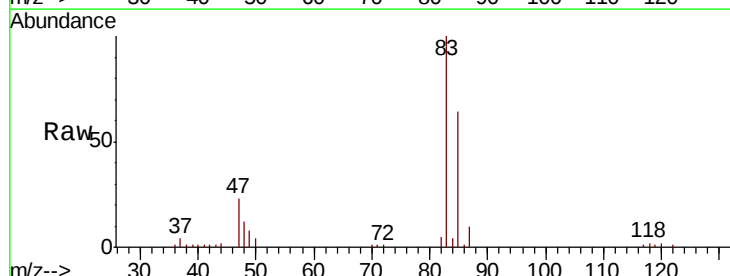


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

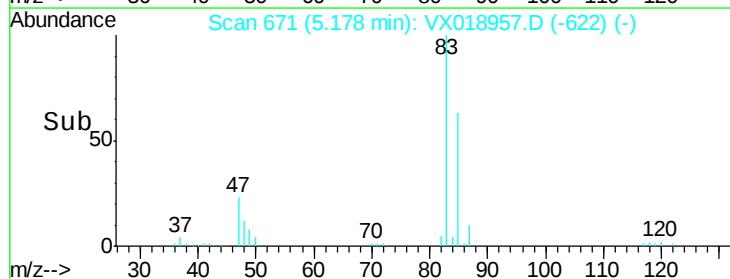
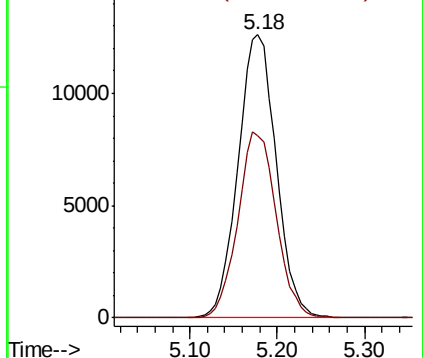


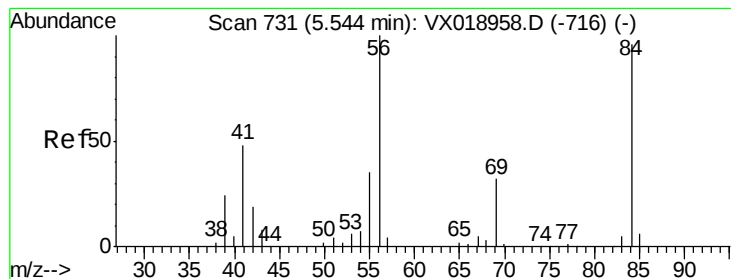
#30
Chloroform
Concen: 19.925 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion: 83 Resp: 38219
Ion Ratio Lower Upper
83 100
85 64.2 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.605 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

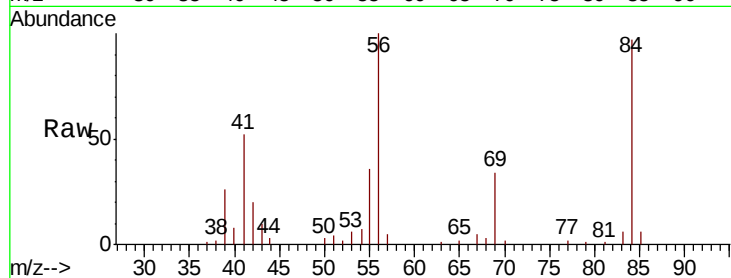
Tot Ion: 56 Resp: 28474

Ion Ratio Lower Upper

56 100

69 34.0 25.4 38.0

84 94.4 75.4 113.0

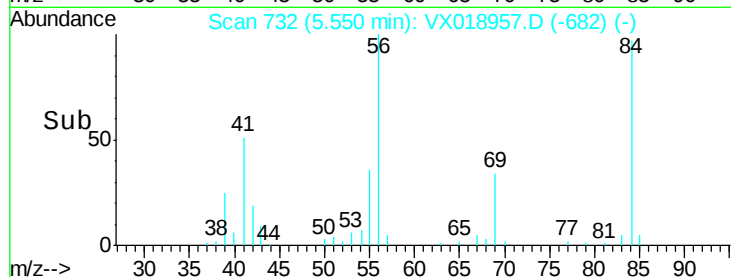


Abundance Ion 56.00 (55.70 to 56.70): VX018957.D (-682) (-)

Ion 69.00 (68.70 to 69.70): VX018957.D (-682) (-)

Ion 84.00 (83.70 to 84.70): VX018957.D (-682) (-)

Time-->



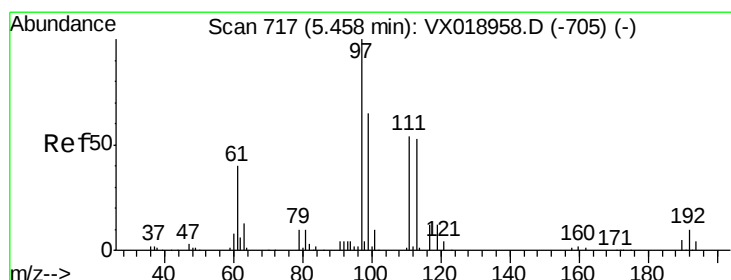
Abundance

Ion 56.00 (55.70 to 56.70): VX018957.D (-682) (-)

Ion 69.00 (68.70 to 69.70): VX018957.D (-682) (-)

Ion 84.00 (83.70 to 84.70): VX018957.D (-682) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 19.600 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

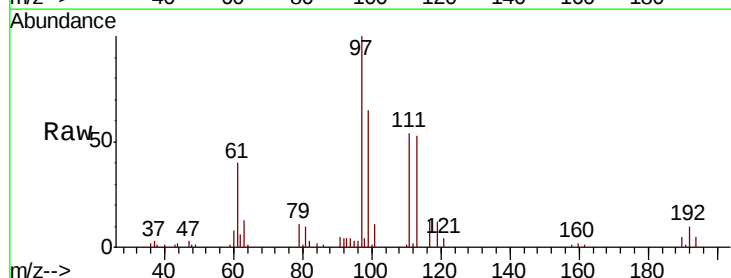
Tgt Ion: 97 Resp: 34502

Ion Ratio Lower Upper

97 100

99 64.2 50.5 75.7

61 42.3 32.3 48.5

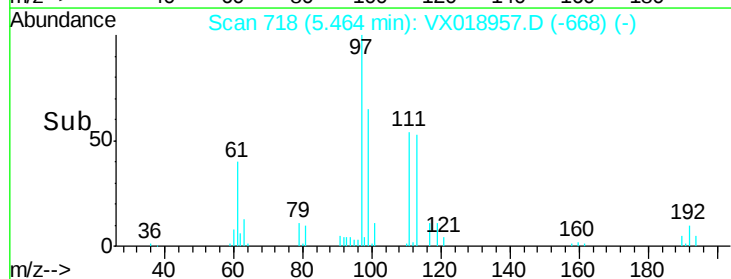


Abundance Ion 96.90 (96.60 to 97.60): VX018957.D (-668) (-)

Ion 98.90 (98.60 to 99.60): VX018957.D (-668) (-)

Ion 60.90 (60.60 to 61.60): VX018957.D (-668) (-)

Time-->



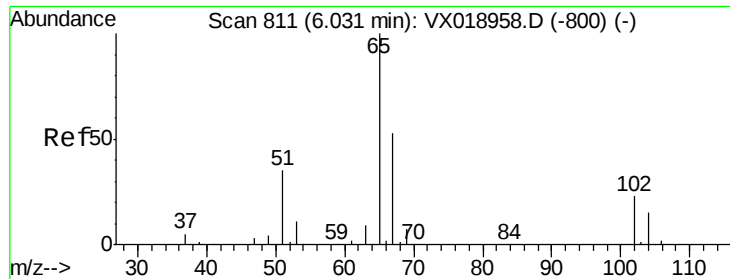
Abundance

Ion 96.90 (96.60 to 97.60): VX018957.D (-668) (-)

Ion 98.90 (98.60 to 99.60): VX018957.D (-668) (-)

Ion 60.90 (60.60 to 61.60): VX018957.D (-668) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 17.176 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

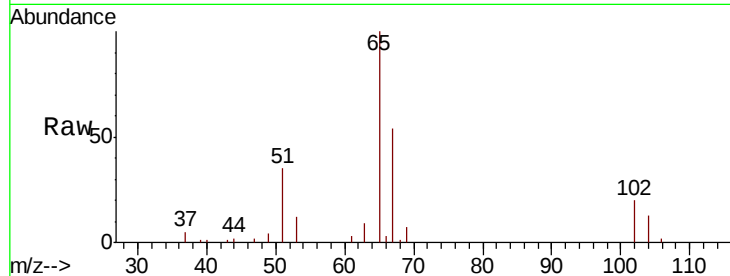
VSTDIC020

Tot Ion: 65 Resp: 21779

Ion Ratio Lower Upper

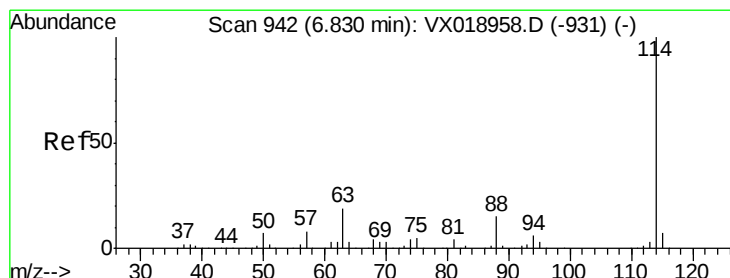
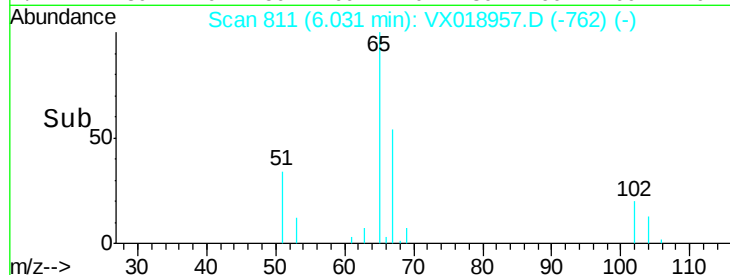
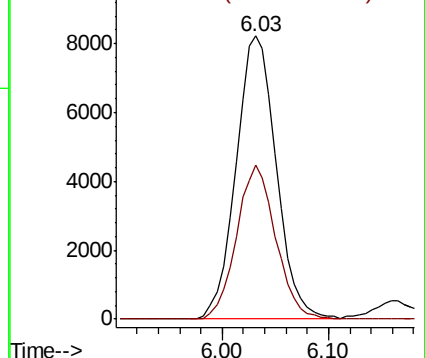
65 100

67 52.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

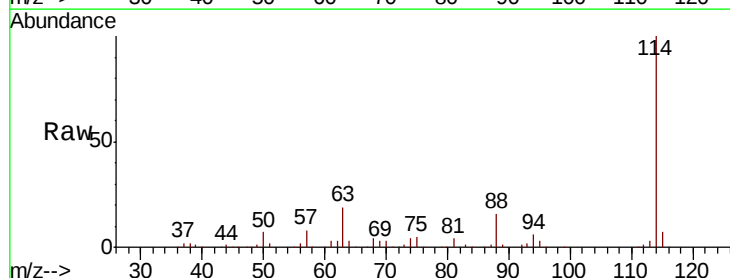
Tgt Ion: 114 Resp: 167666

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.0

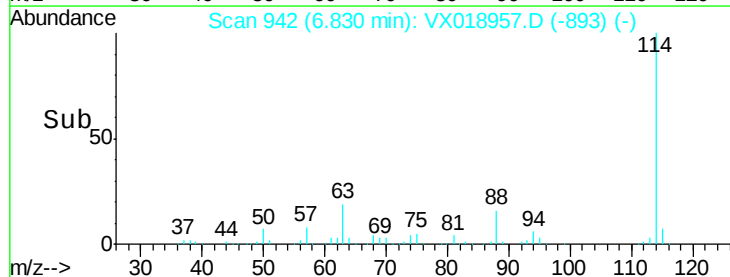
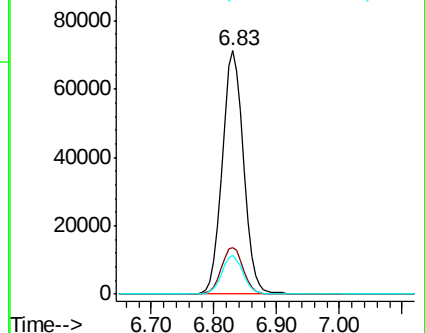
88 16.2 0.0 30.8

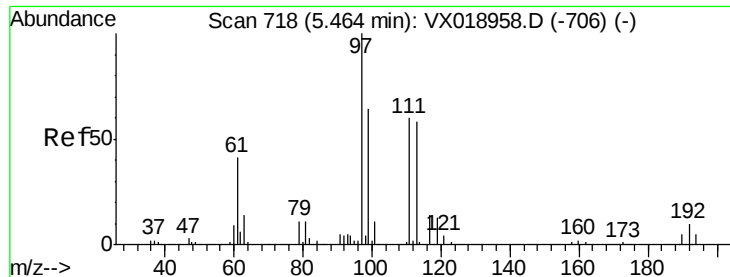


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 15.406 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

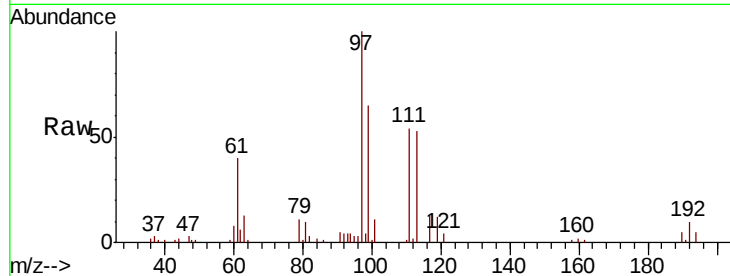
Tot Ion:113 Resp: 17169

Ion Ratio Lower Upper

113 100

111 104.1 80.8 121.2

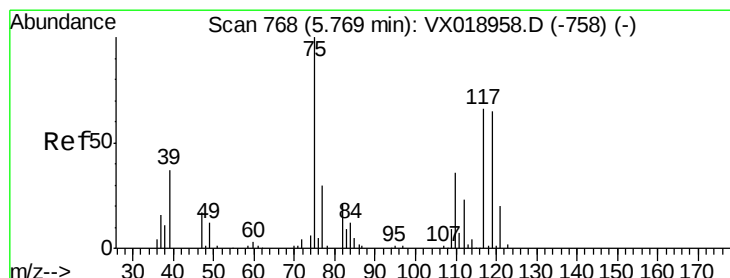
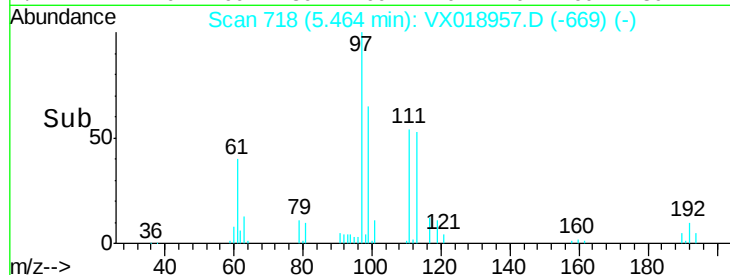
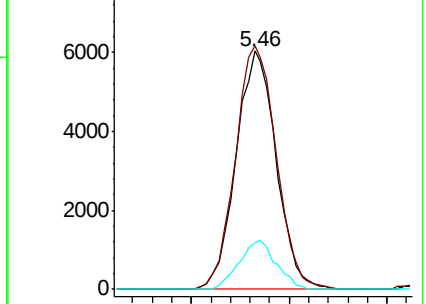
192 19.0 14.5 21.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.037 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

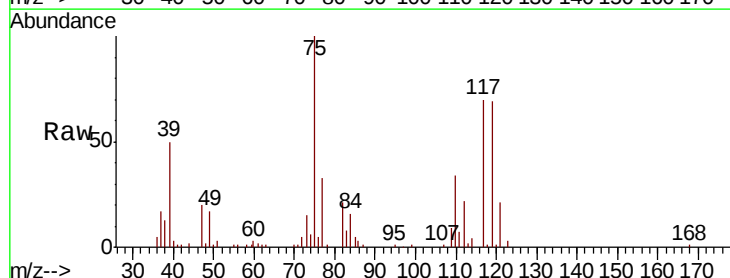
Tgt Ion: 75 Resp: 29398

Ion Ratio Lower Upper

75 100

110 35.7 18.3 54.8

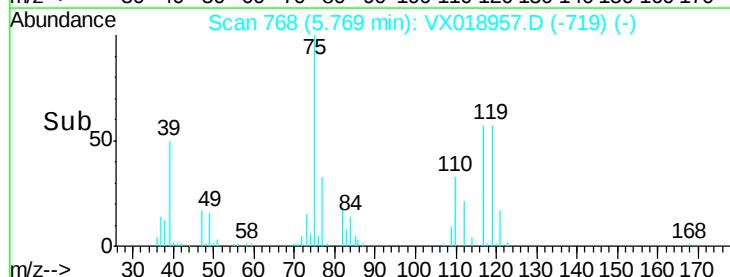
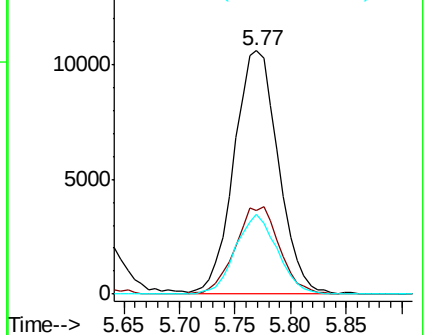
77 30.9 25.0 37.4

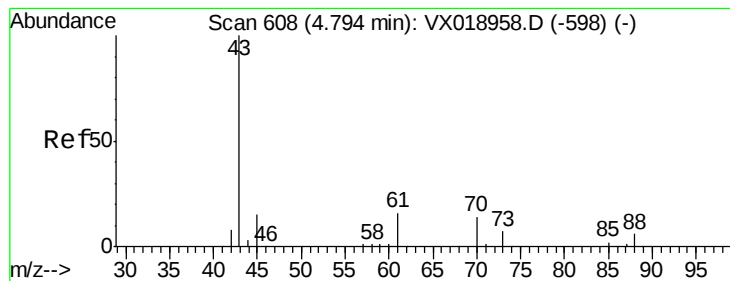


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 16.204 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

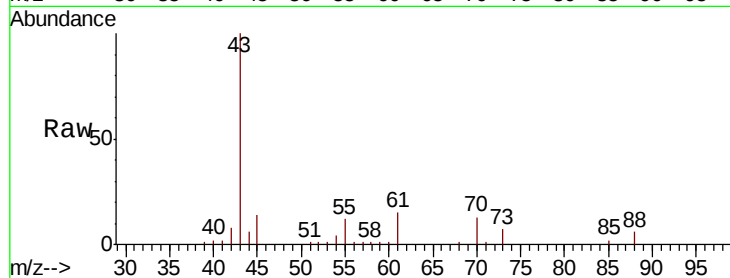
Tot Ion: 43 Resp: 28372

Ion Ratio Lower Upper

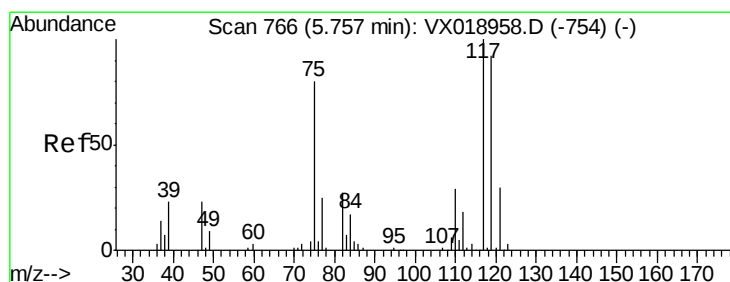
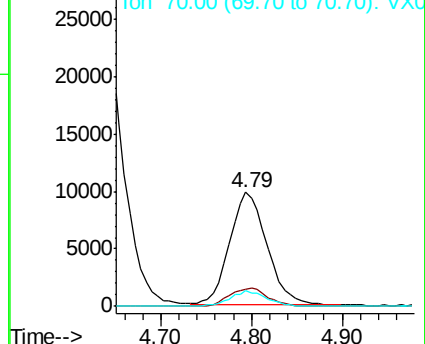
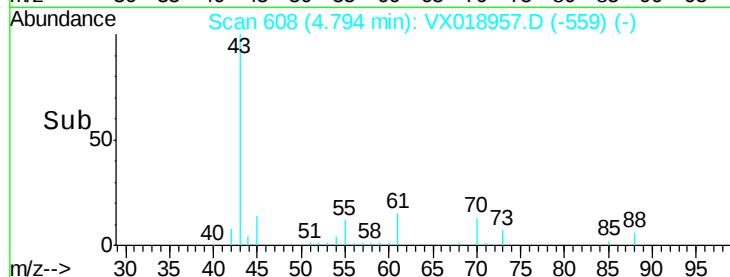
43 100

61 16.6 12.7 19.1

70 13.1 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX018957.D (-559) (-)



#38

Carbon Tetrachloride

Concen: 17.611 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

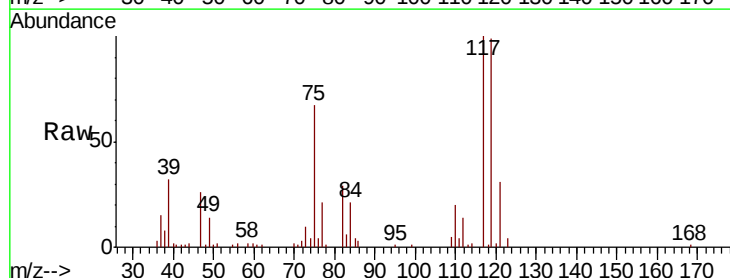
Tgt Ion: 117 Resp: 30335

Ion Ratio Lower Upper

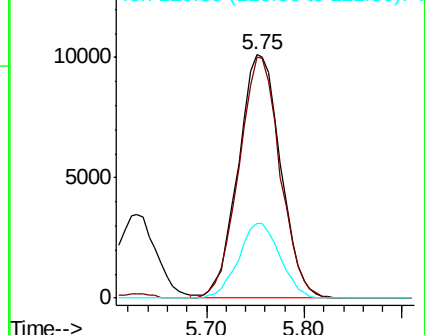
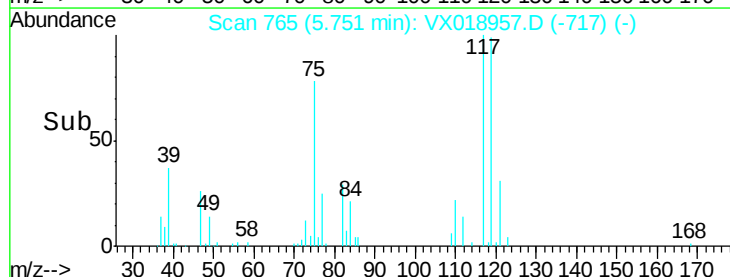
117 100

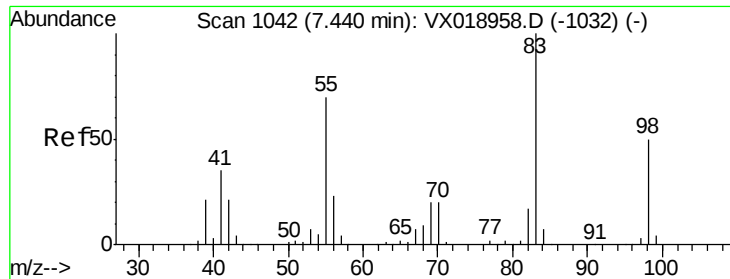
119 99.2 73.2 109.8

121 30.8 23.5 35.3



Abundance Ion 116.80 (116.50 to 117.50): VX018957.D (-717) (-)

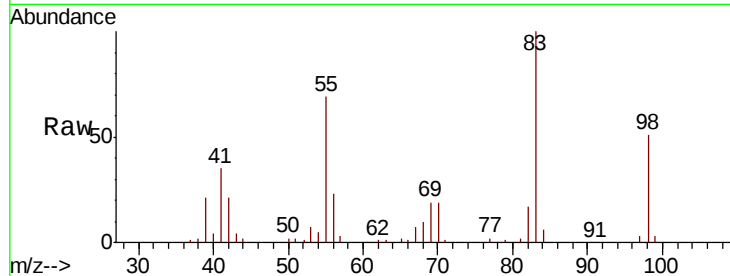




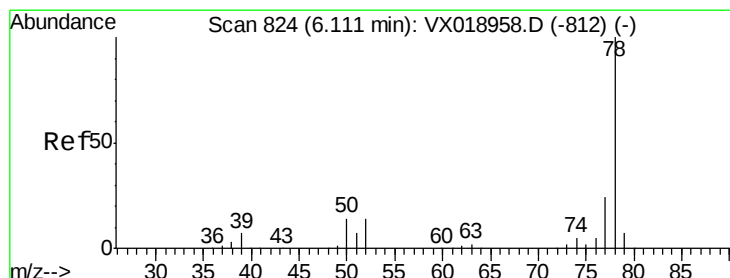
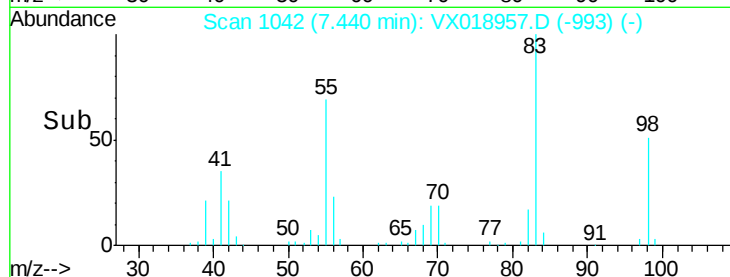
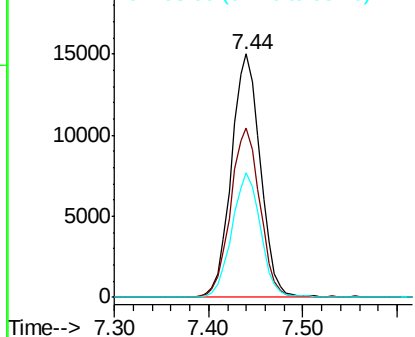
#39
Methvlcvclohexane
Concen: 19.010 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 83 Resp: 32062
Ion Ratio Lower Upper
83 100
55 69.4 56.3 84.5
98 50.9 39.8 59.6

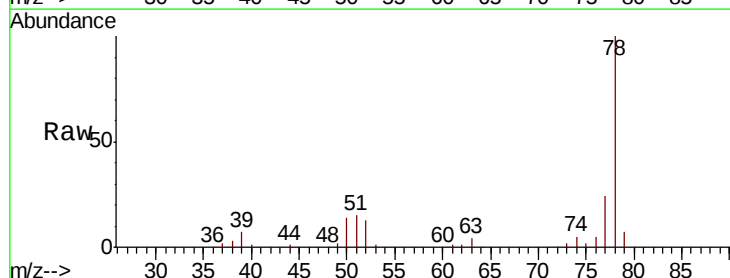


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

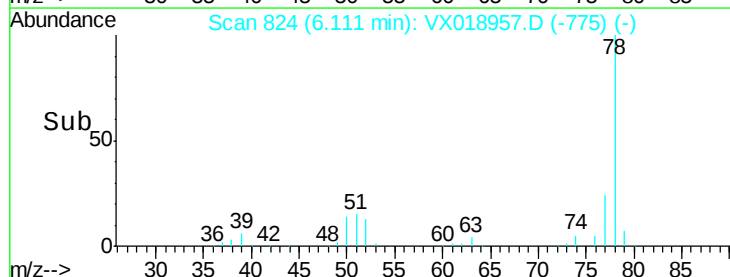
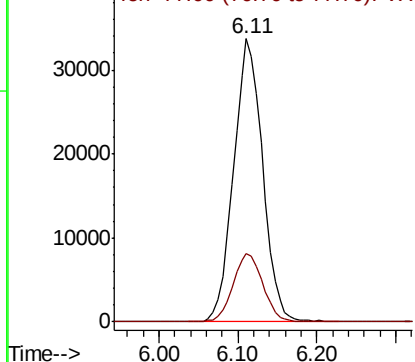


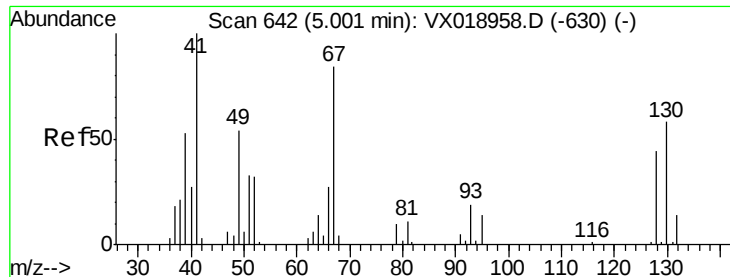
#40
Benzene
Concen: 18.898 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion: 78 Resp: 86177
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

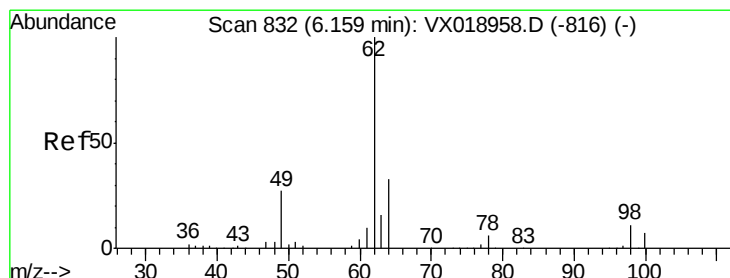
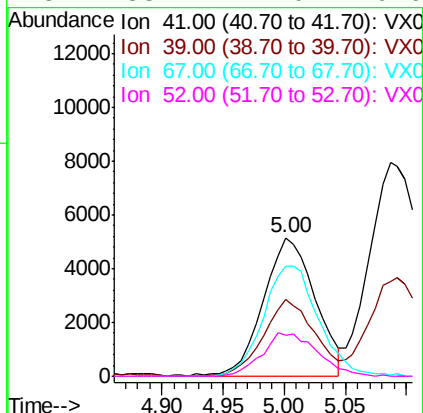
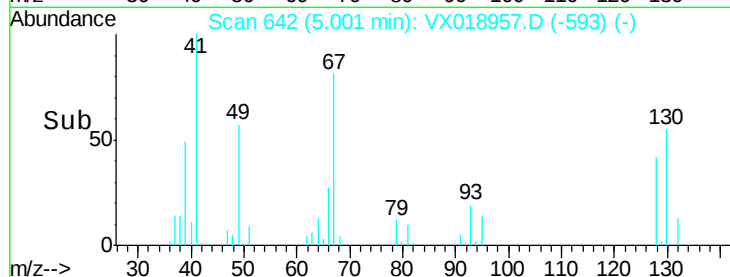
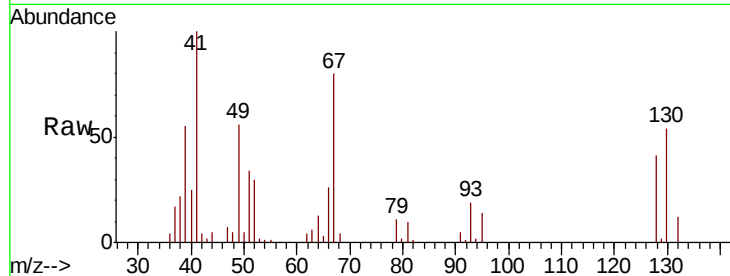




#41
Methacrylonitrile
Concen: 15.839 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

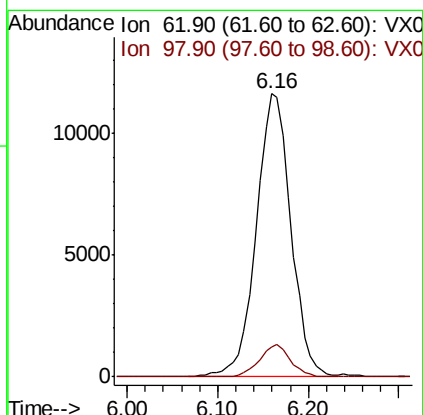
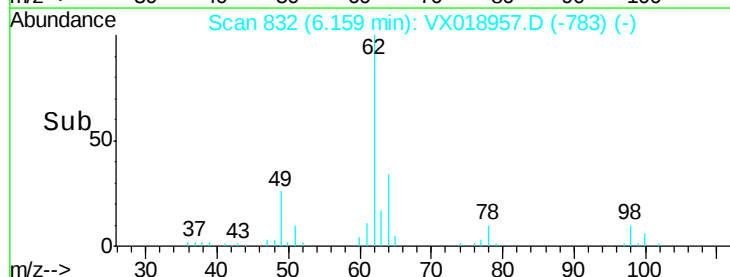
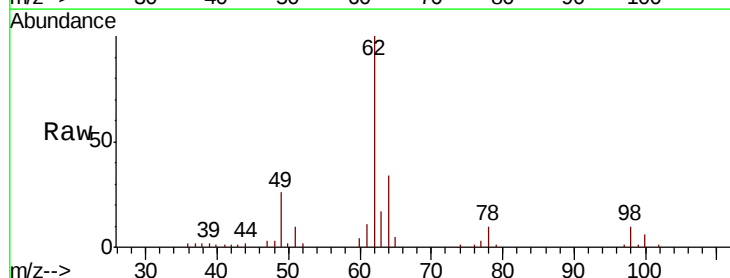
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

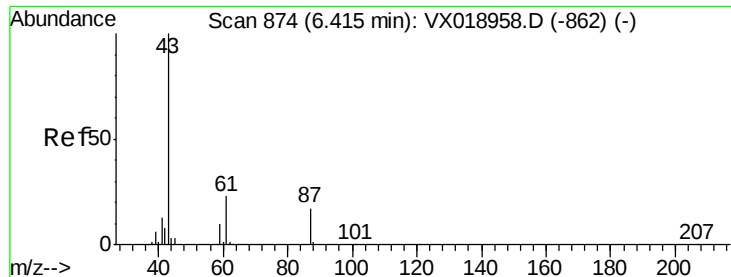
Tot Ion: 41 Resp: 15146
Ion Ratio Lower Upper
41 100
39 55.0 43.7 65.5
67 85.2 70.9 106.3
52 33.7 27.0 40.6



#42
1,2-Dichloroethane
Concen: 17.889 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion: 62 Resp: 30748
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.6





#43

Isopropyl Acetate

Concen: 17.070 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

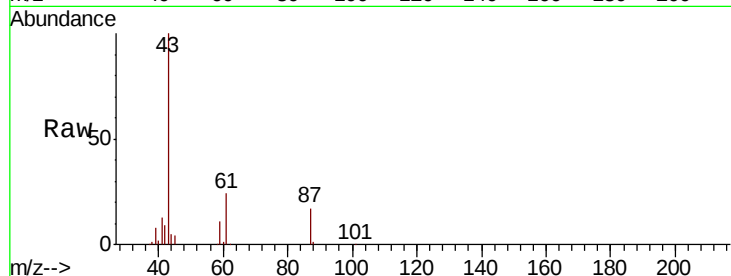
Tot Ion: 43 Resp: 48268

Ion Ratio Lower Upper

43 100

61 22.7 18.3 27.5

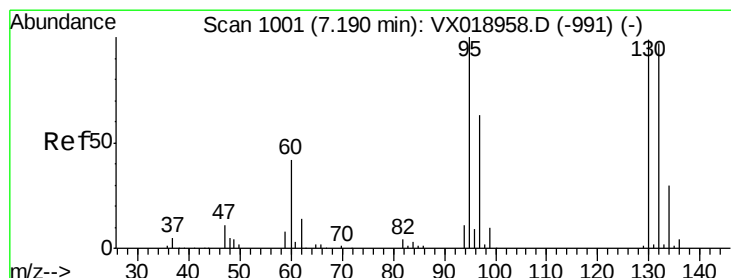
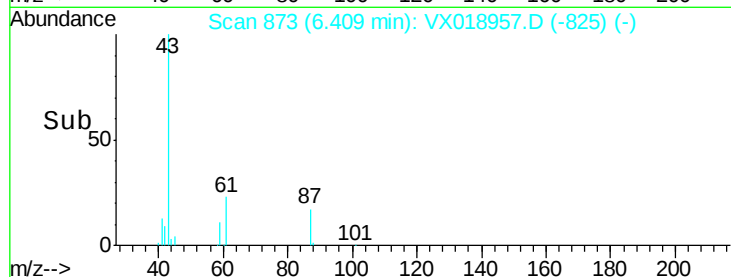
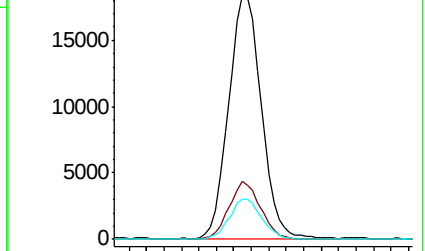
87 16.2 13.4 20.2



Abundance Ion 43.00 (42.70 to 43.70): VX018957.D (-825) (-)

Ion 61.00 (60.70 to 61.70): VX018957.D (-825) (-)

Ion 87.00 (86.70 to 87.70): VX018957.D (-825) (-)



#44

Trichloroethene

Concen: 17.868 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018957.D

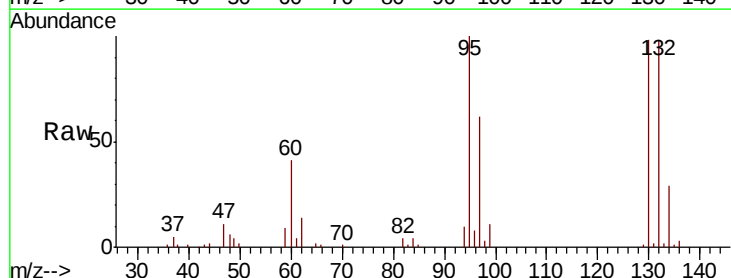
Acq: 19 Oct 2020 17:13

Tgt Ion: 130 Resp: 22766

Ion Ratio Lower Upper

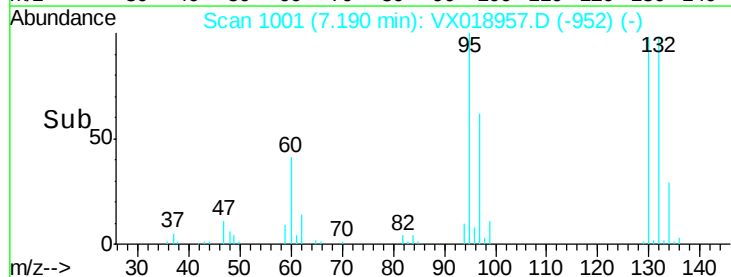
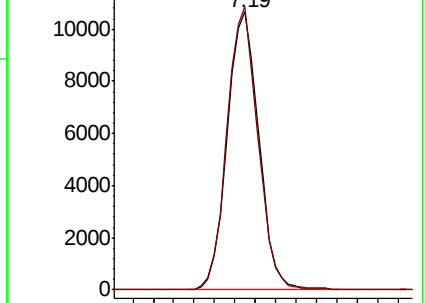
130 100

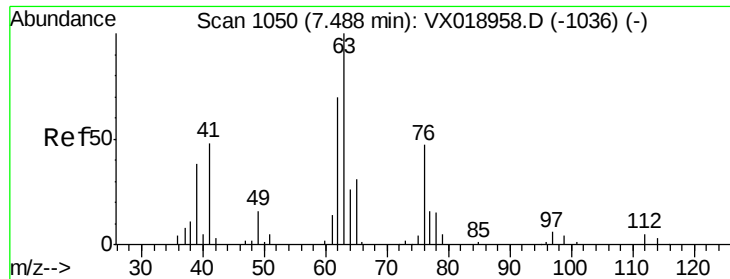
95 101.9 0.0 201.0



Abundance Ion 129.80 (129.50 to 130.50): VX018957.D (-952) (-)

Ion 94.90 (94.60 to 95.60): VX018957.D (-952) (-)

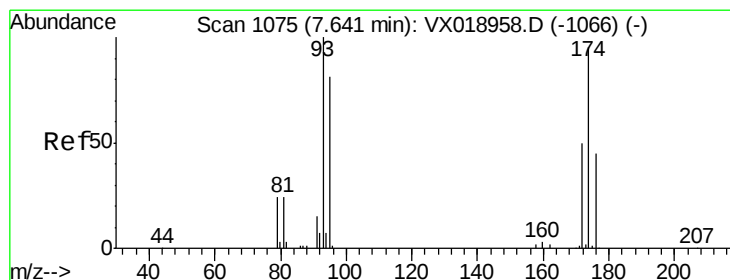
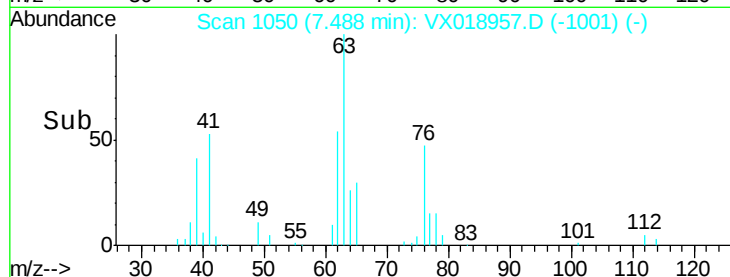
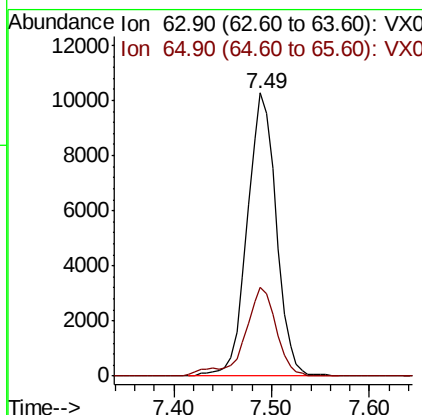
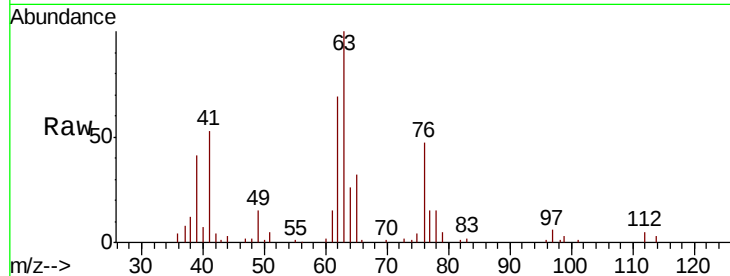




#45
 1,2-Dichloropropane
 Concen: 17.513 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

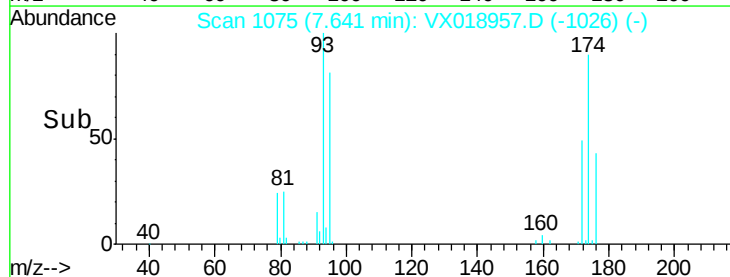
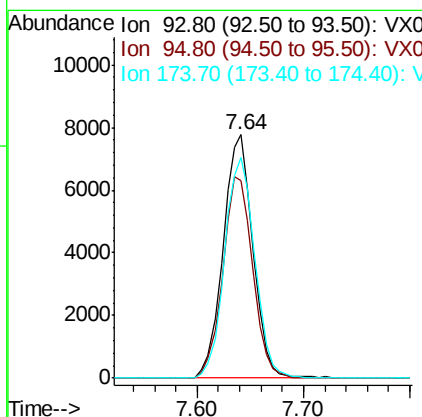
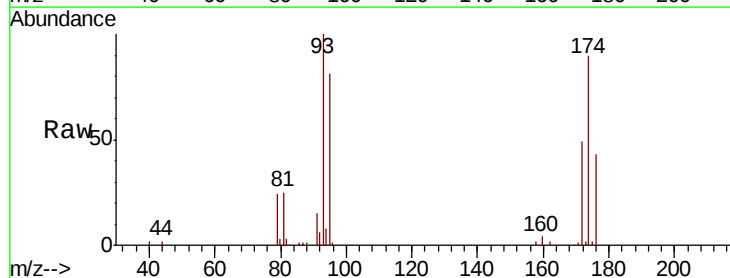
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

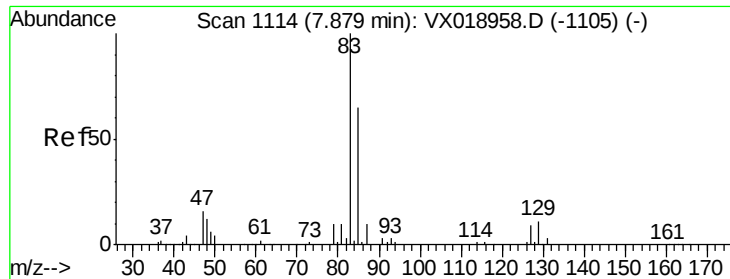
Tot Ion: 63 Resp: 21092
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.6



#46
 Dibromomethane
 Concen: 17.710 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

Tgt Ion: 93 Resp: 15148
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 100.0
 174 92.1 73.8 110.8





#47

Bromodichloromethane

Concen: 18.296 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

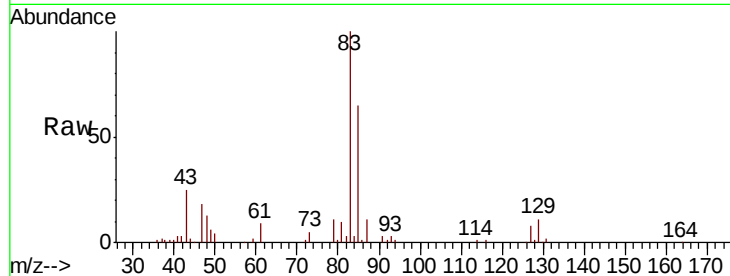
Tot Ion: 83 Resp: 31163

Ion Ratio Lower Upper

83 100

85 65.0 52.4 78.6

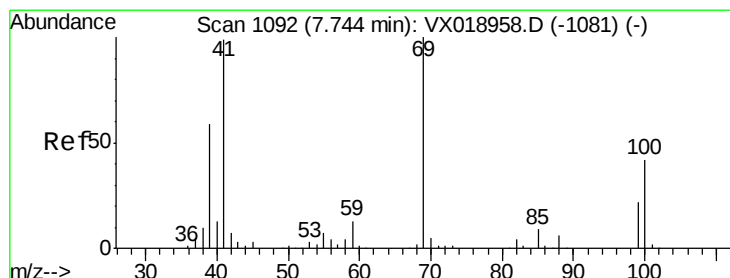
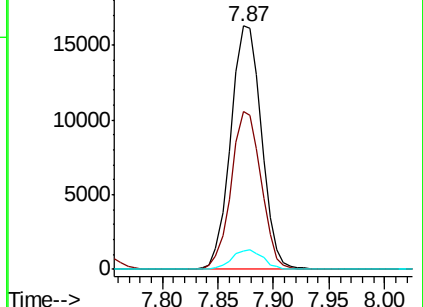
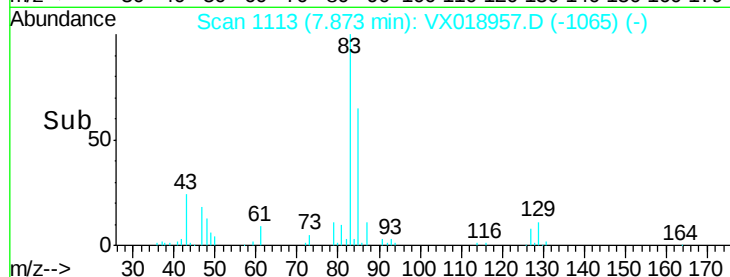
127 7.7 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.206 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

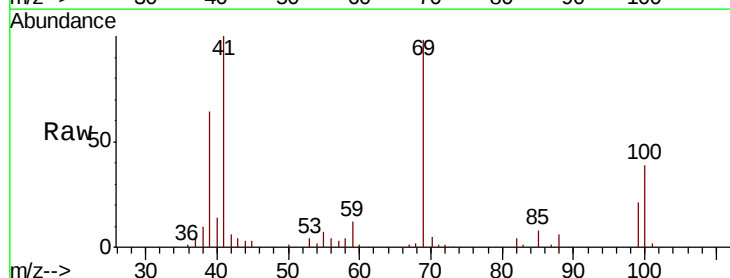
Tgt Ion: 41 Resp: 22588

Ion Ratio Lower Upper

41 100

69 97.2 82.4 123.6

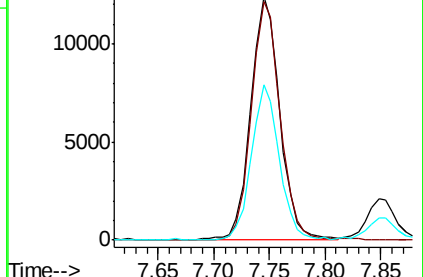
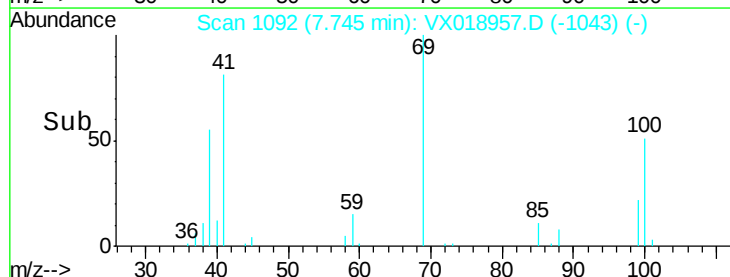
39 61.2 48.1 72.1

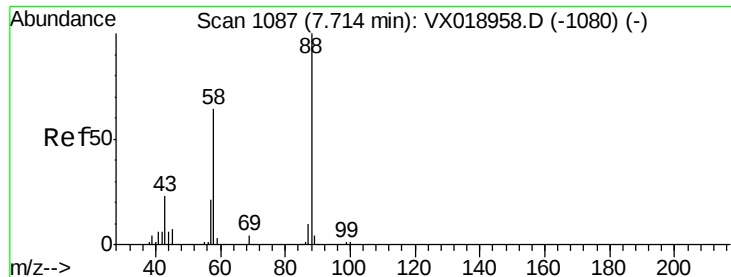


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 388.038 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

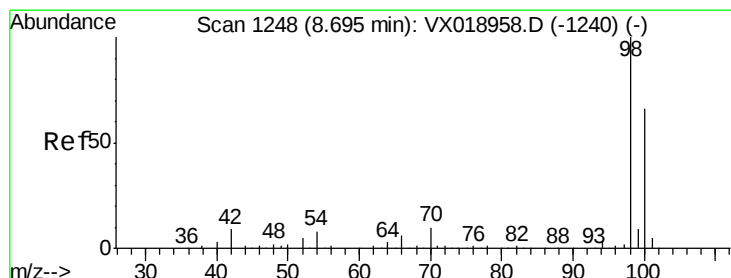
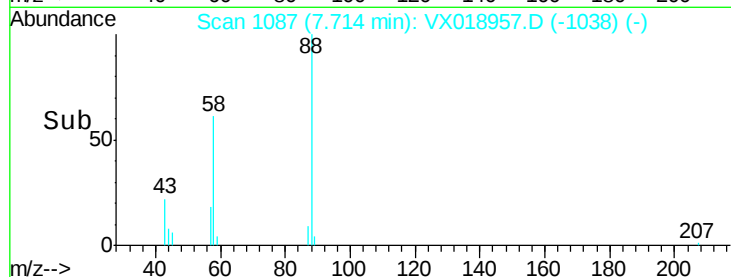
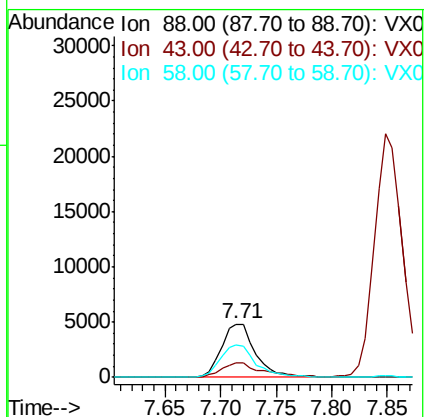
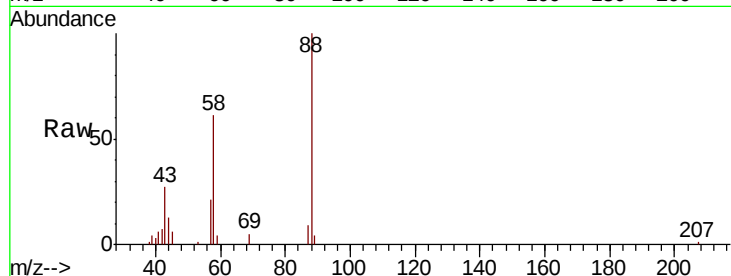
Tot Ion: 88 Resp: 10108

Ion Ratio Lower Upper

88 100

43 32.8 21.1 31.7#

58 63.8 50.3 75.5



#50

Toluene-d8

Concen: 16.097 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018957.D

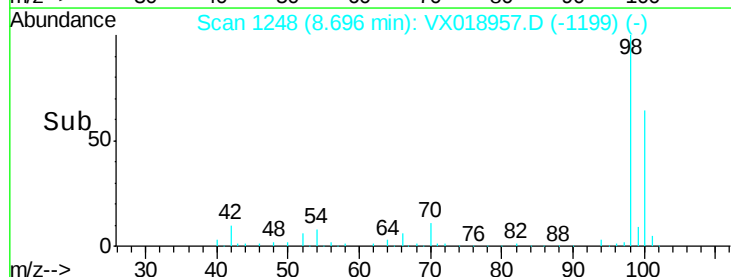
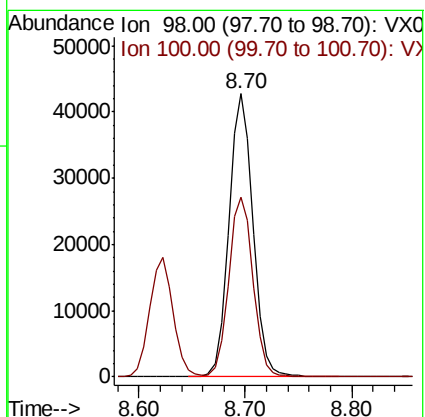
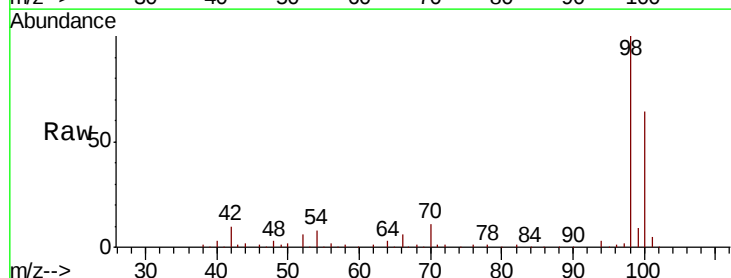
Acq: 19 Oct 2020 17:13

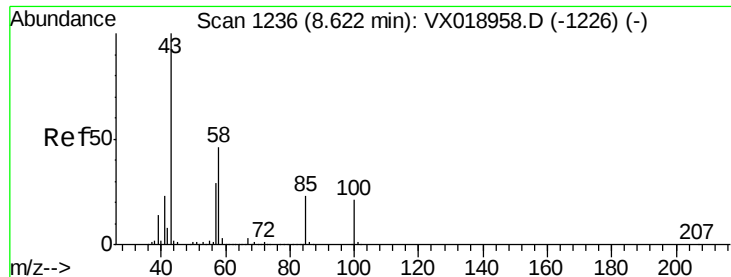
Tgt Ion: 98 Resp: 67450

Ion Ratio Lower Upper

98 100

100 64.4 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 82.867 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

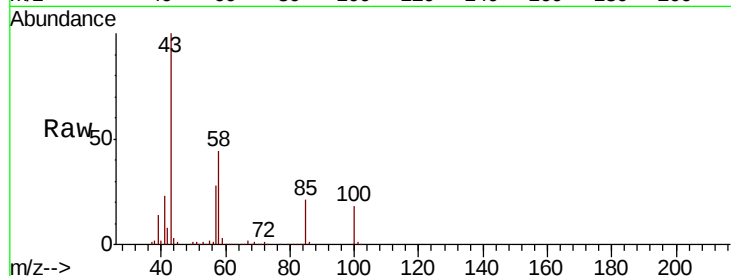
VSTDIC020

Tot Ion: 43 Resp: 143732

Ion Ratio Lower Upper

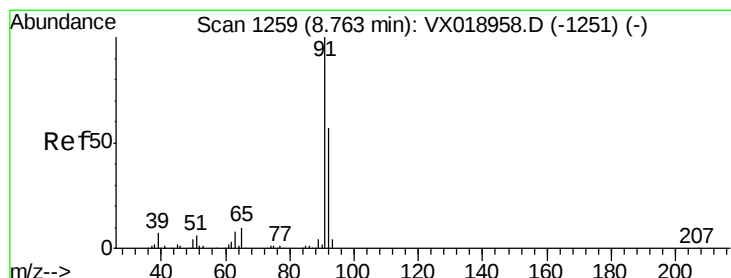
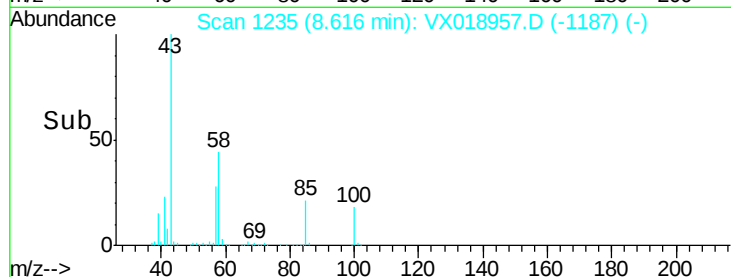
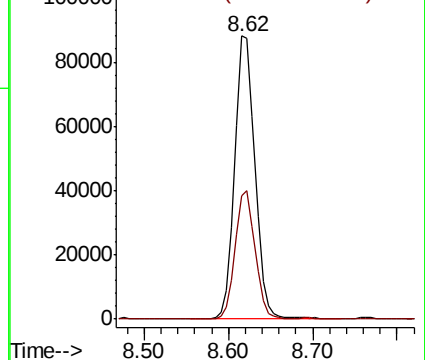
43 100

58 44.4 36.4 54.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.569 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018957.D

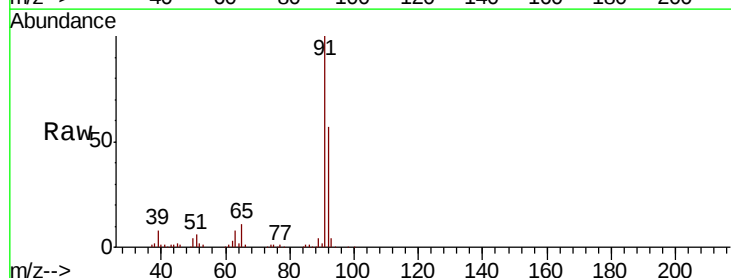
Acq: 19 Oct 2020 17:13

Tgt Ion: 92 Resp: 53991

Ion Ratio Lower Upper

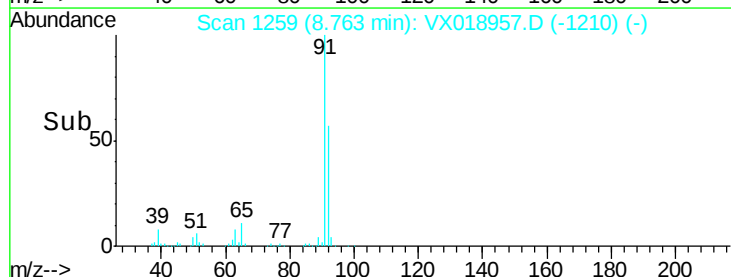
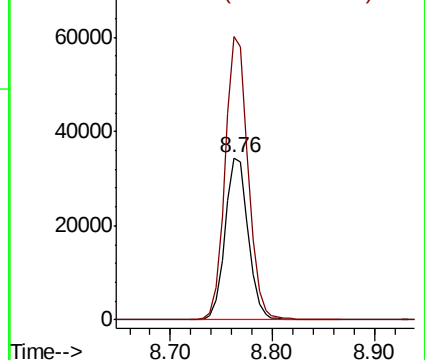
92 100

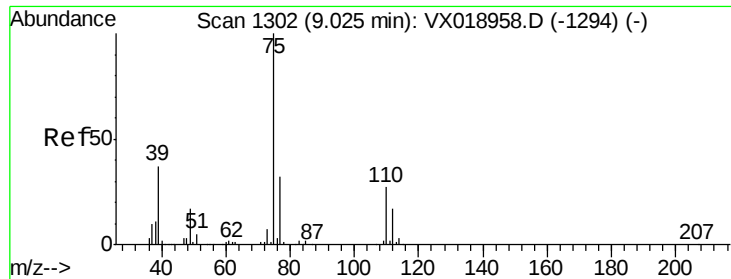
91 174.1 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

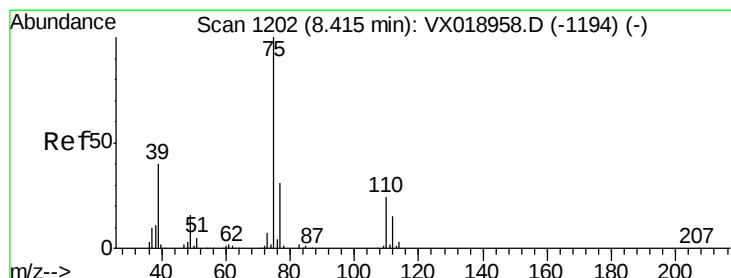
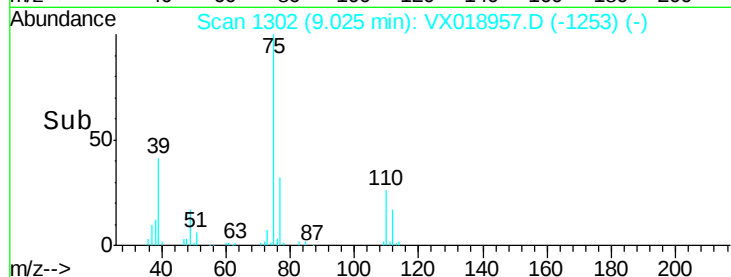
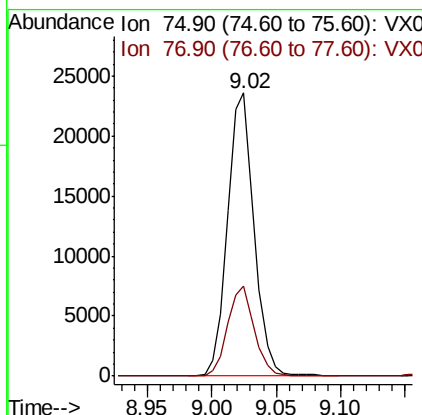
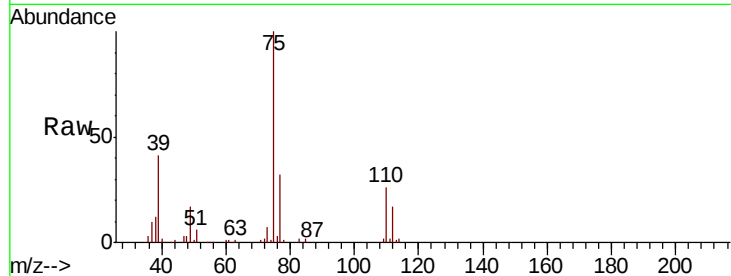




#53
t-1,3-Dichloropropene
Concen: 17.892 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

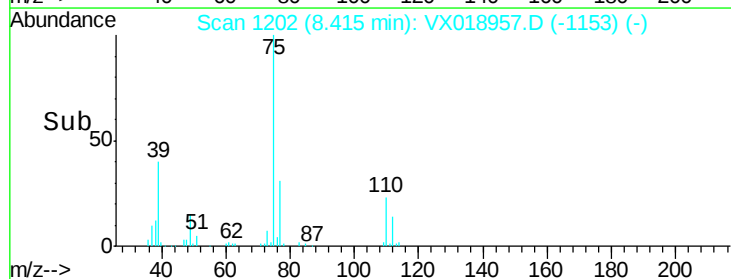
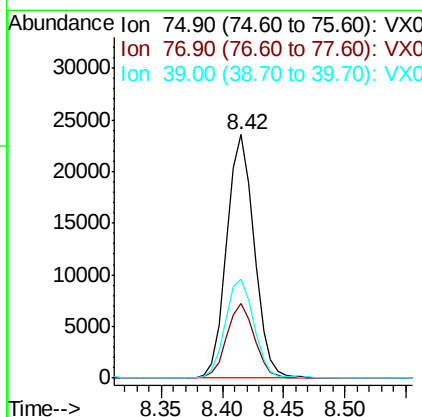
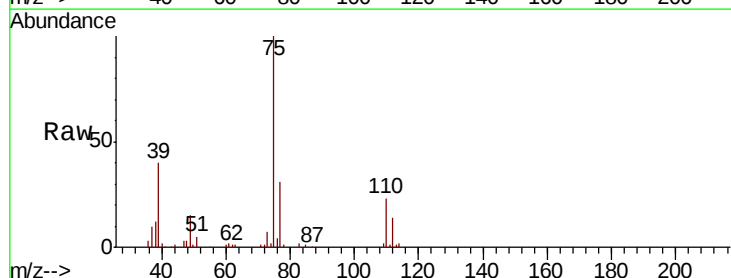
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

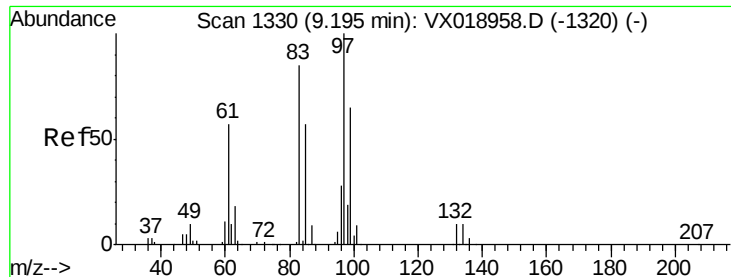
Tot Ion: 75 Resp: 34021
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 18.254 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion: 75 Resp: 36686
Ion Ratio Lower Upper
75 100
77 30.7 24.6 36.8
39 40.4 32.1 48.1

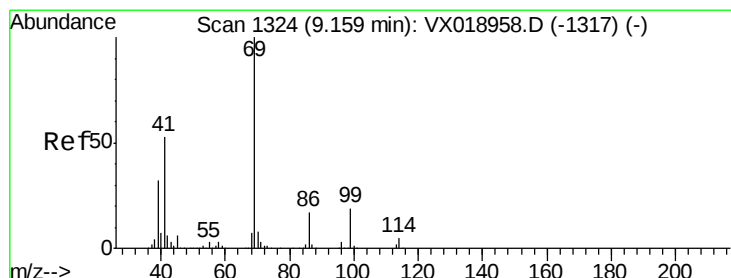
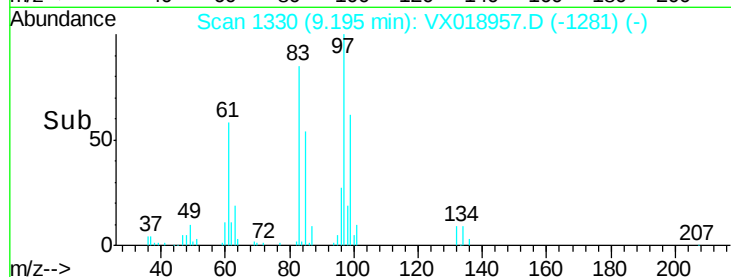
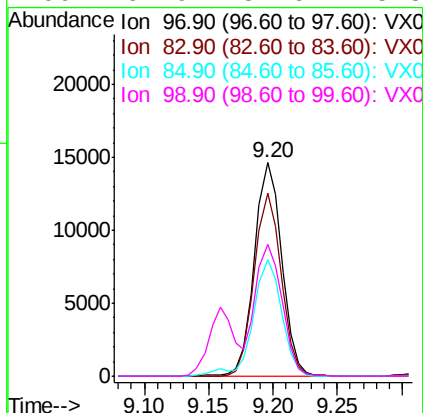
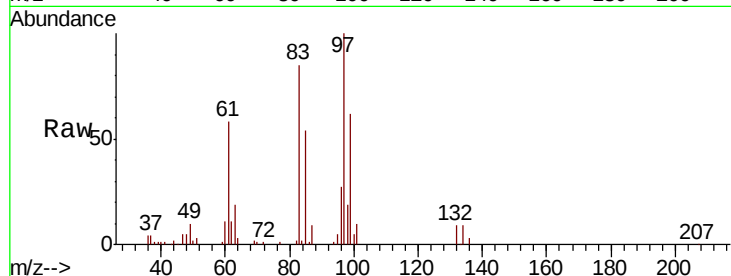




#55
 1,1,2-Trichloroethane
 Concen: 17.516 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

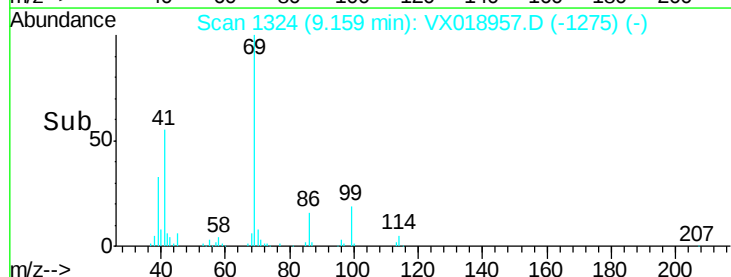
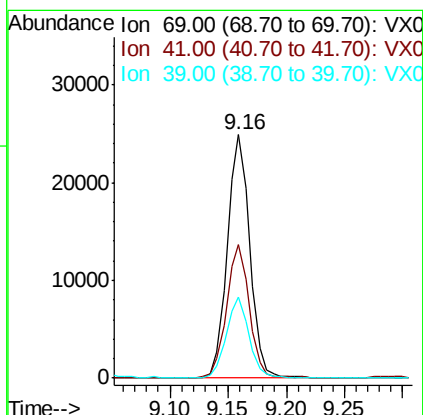
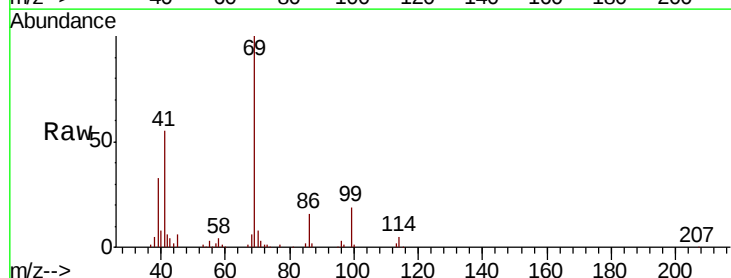
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

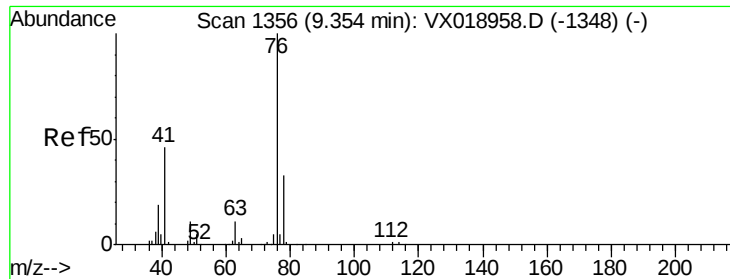
Tot Ion:	97	Resp:	21452
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.8	101.8
85	54.3	45.7	68.5
99	61.9	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 18.366 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

Tgt Ion:	69	Resp:	33492
Ion	Ratio	Lower	Upper
69	100		
41	55.5	43.4	65.2
39	34.0	25.0	37.4

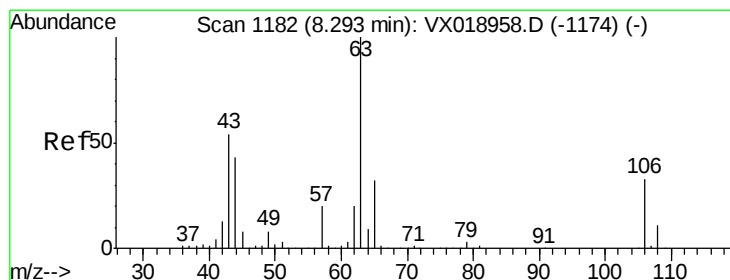
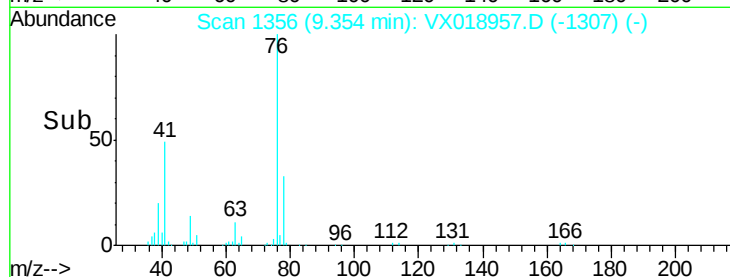
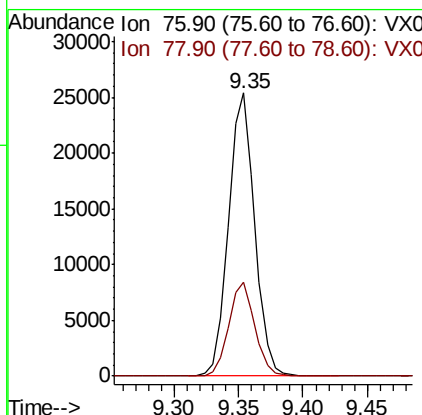
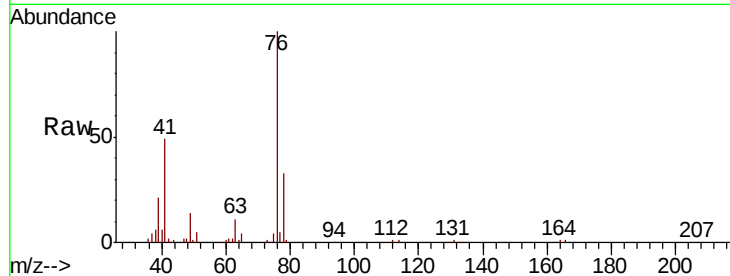




#57
 1,3-Dichloropropane
 Concen: 17.907 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

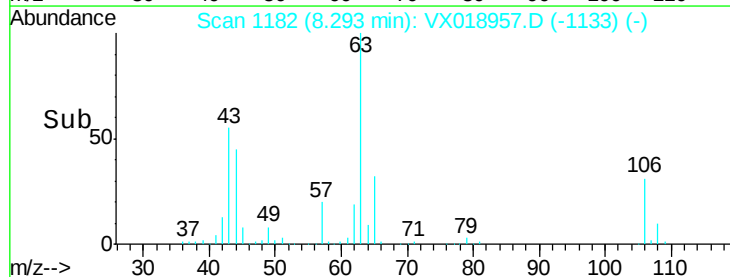
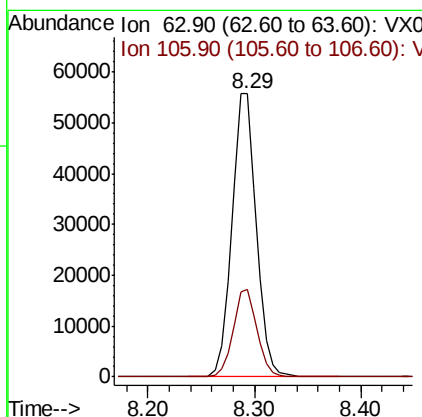
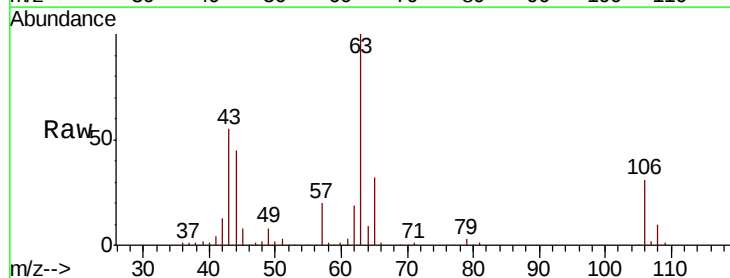
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

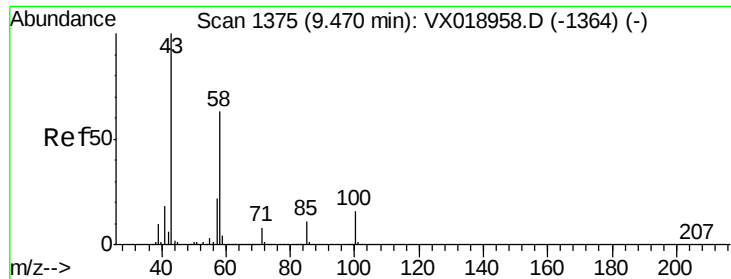
Tot Ion: 76 Resp: 36130
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.075 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

Tgt Ion: 63 Resp: 89570
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.8 37.2

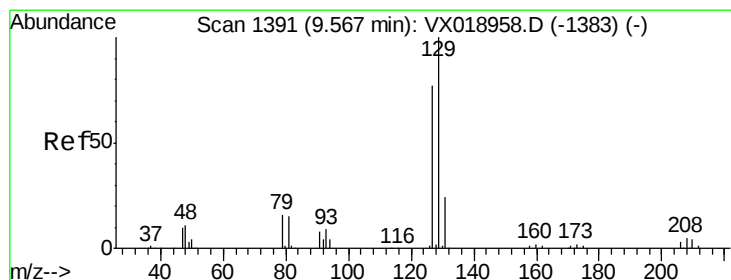
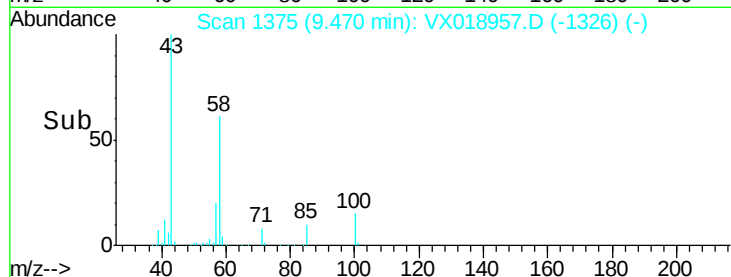
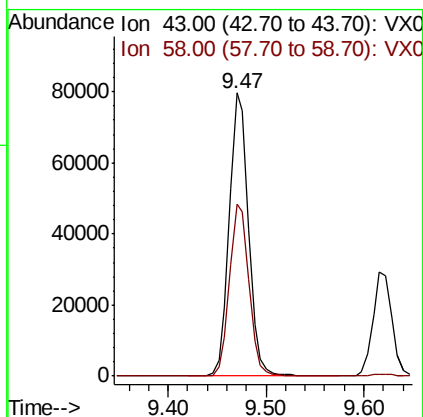
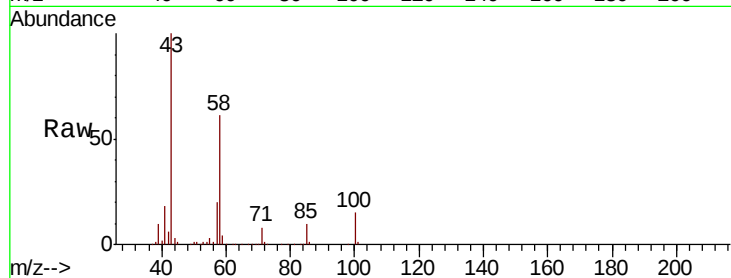




#59
2-Hexanone
Concen: 82.725 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

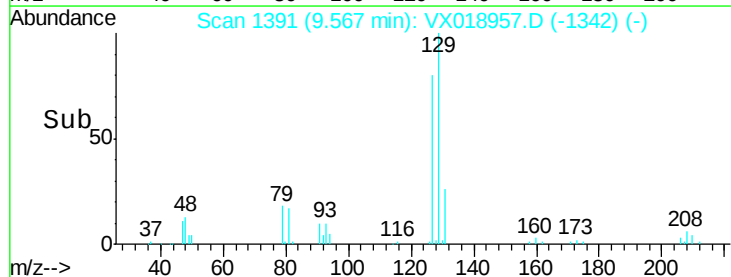
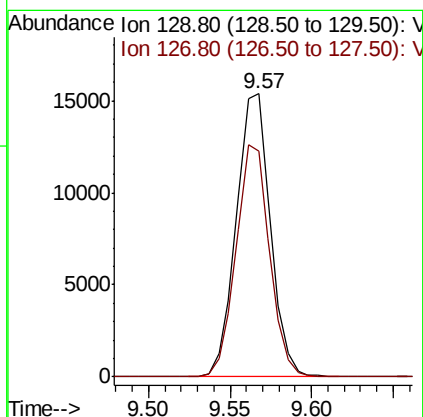
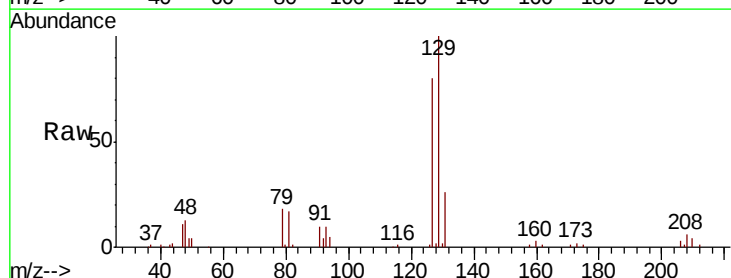
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

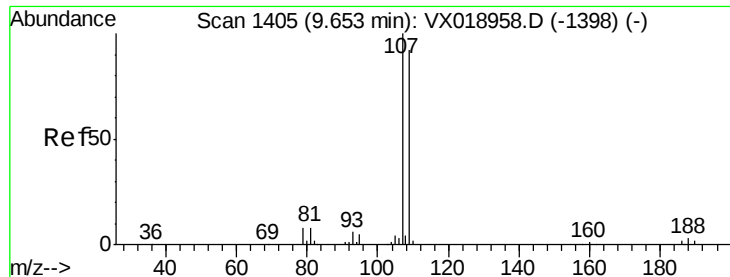
Tot Ion: 43 Resp: 108823
Ion Ratio Lower Upper
43 100
58 61.4 31.7 95.1



#60
Dibromochloromethane
Concen: 15.723 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion: 129 Resp: 22435
Ion Ratio Lower Upper
129 100
127 80.4 38.8 116.4





#61

1,2-Dibromoethane

Concen: 17.237 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

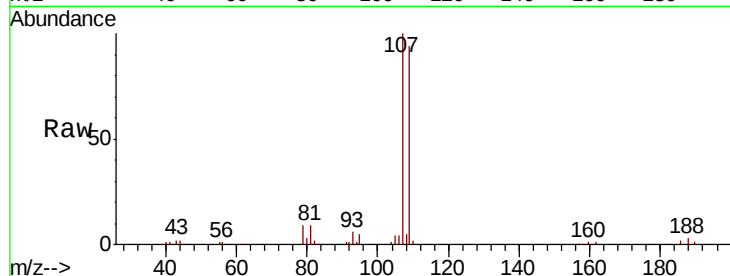
VSTDIC020

Tot Ion:107 Resp: 22922

Ion Ratio Lower Upper

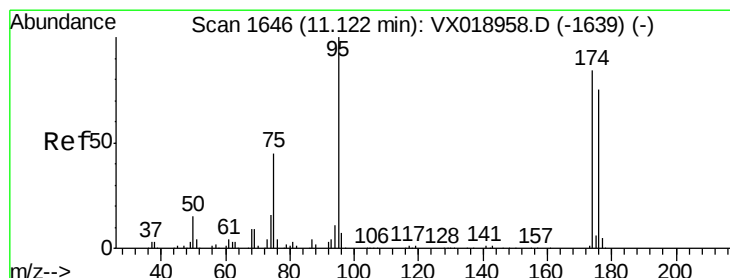
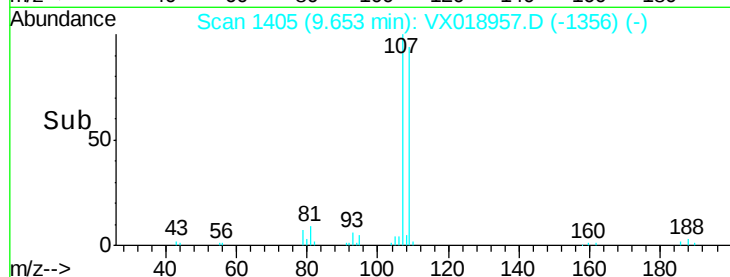
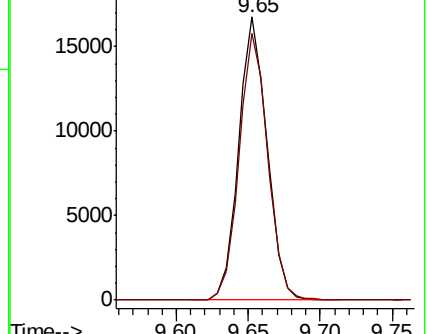
107 100

109 94.7 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 13.770 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

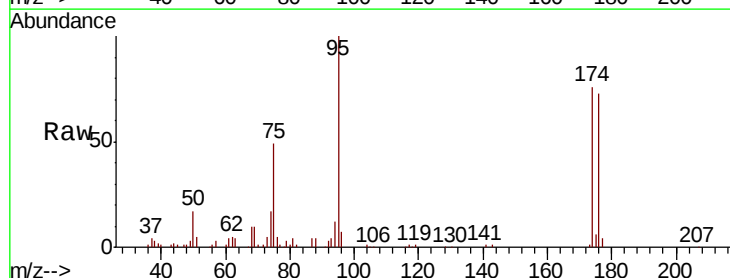
Tgt Ion: 95 Resp: 22318

Ion Ratio Lower Upper

95 100

174 73.1 0.0 164.6

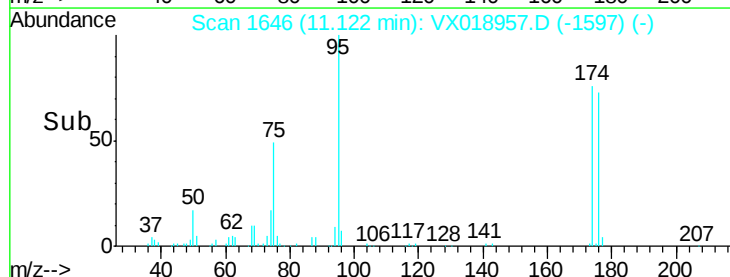
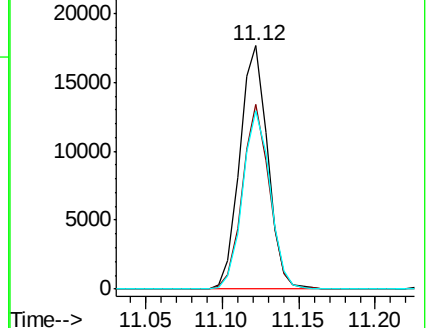
176 72.5 0.0 154.6

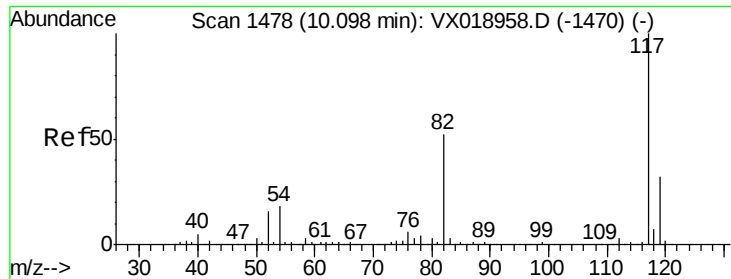


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

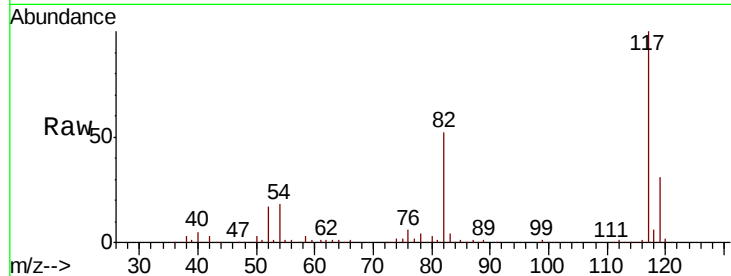




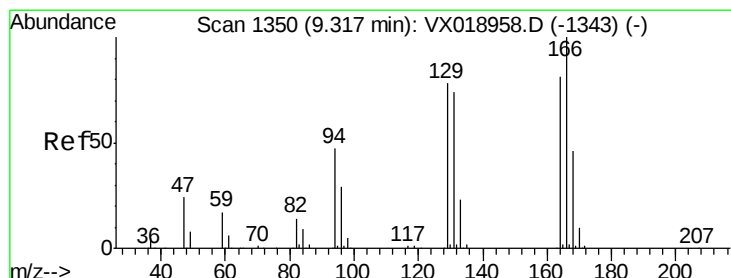
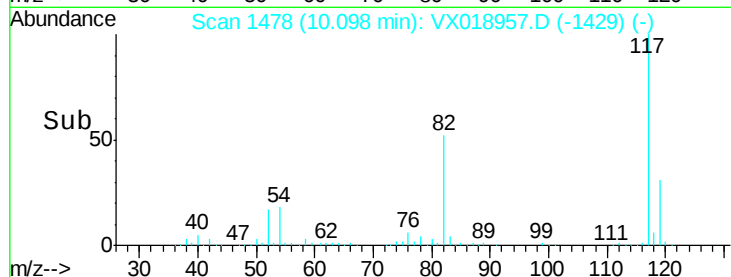
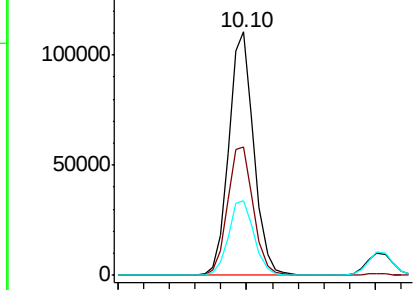
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:117 Resp: 149376
Ion Ratio Lower Upper
117 100
82 52.5 41.6 62.4
119 30.5 25.4 38.2

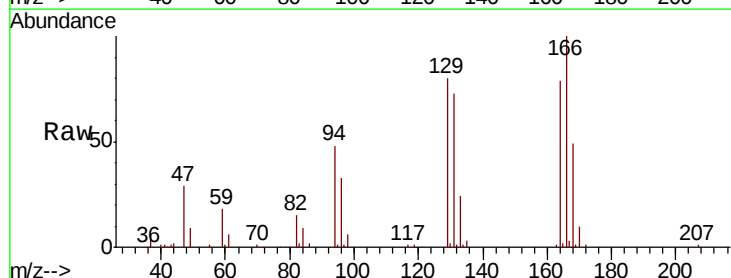


Abundance Ion 116.90 (116.60 to 117.60): V
150000 Ion 82.00 (81.70 to 82.70): VX0
100000 Ion 118.90 (118.60 to 119.60): V

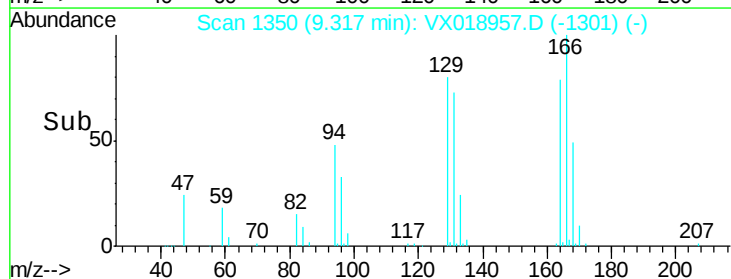
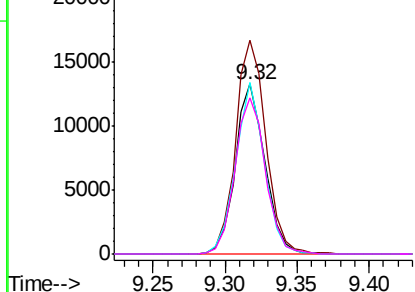


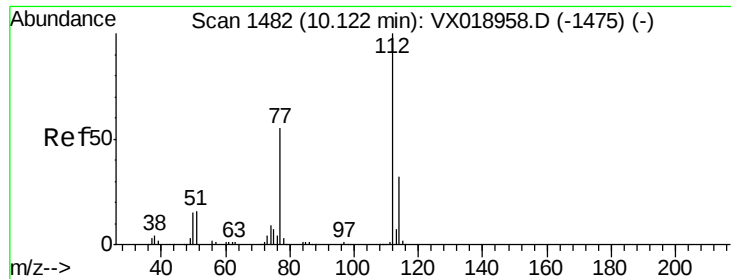
#64
Tetrachloroethene
Concen: 17.437 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion:164 Resp: 18946
Ion Ratio Lower Upper
164 100
166 125.9 98.9 148.3
129 101.0 77.0 115.4
131 91.8 73.0 109.6



Abundance Ion 163.80 (163.50 to 164.50): V
25000 Ion 165.80 (165.50 to 166.50): V
20000 Ion 128.80 (128.50 to 129.50): V
15000 Ion 130.80 (130.50 to 131.50): V

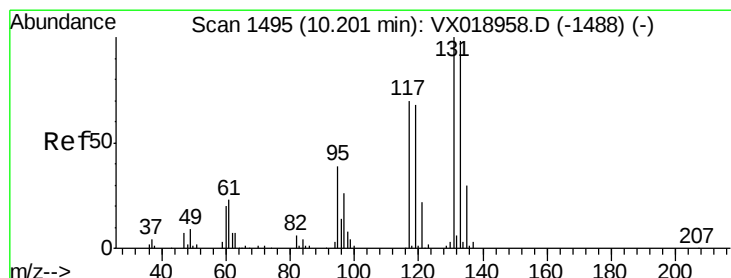
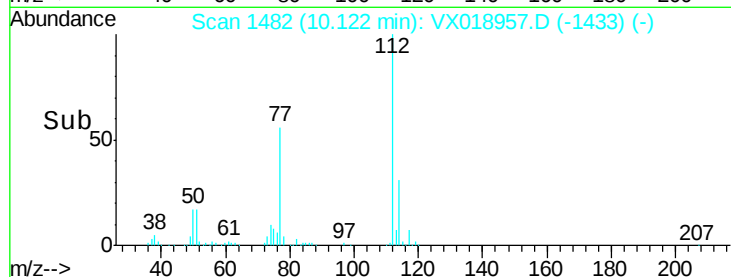
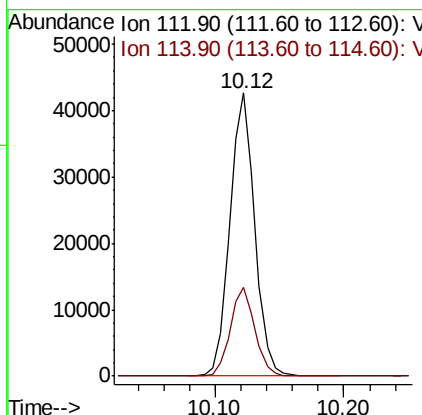
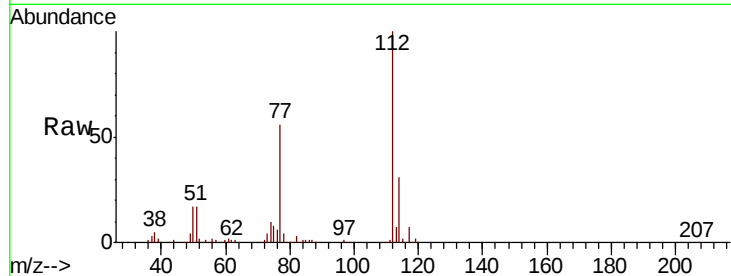




#65
Chlorobenzene
Concen: 19.177 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

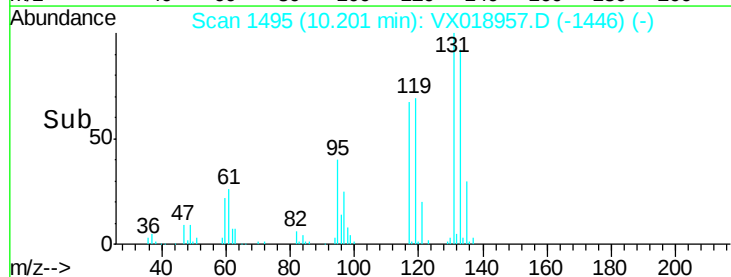
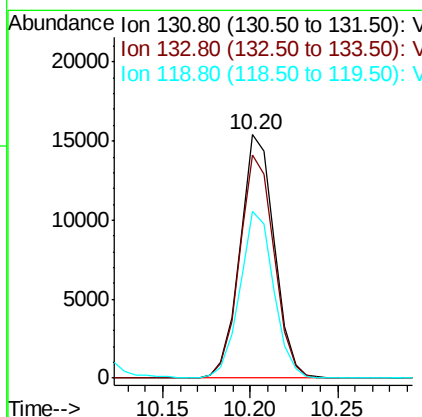
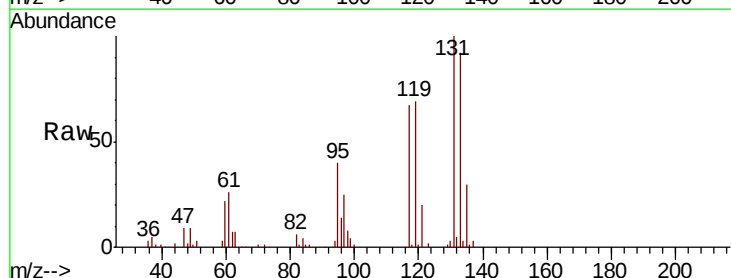
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

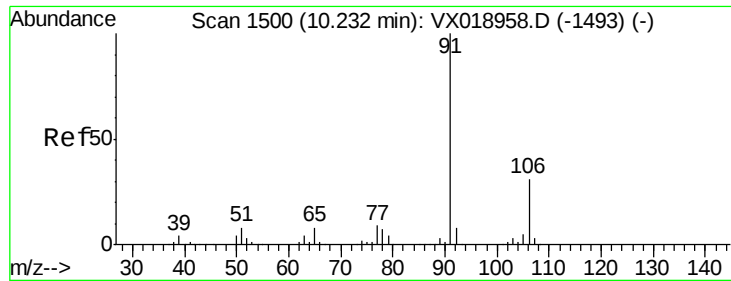
Tot Ion:112 Resp: 57459
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.930 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion:131 Resp: 20943
Ion Ratio Lower Upper
131 100
133 92.3 47.4 142.2
119 67.3 33.5 100.4

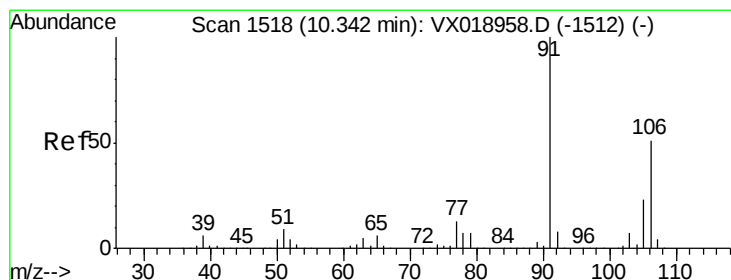
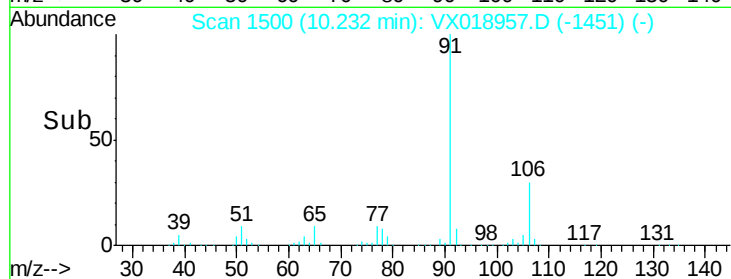
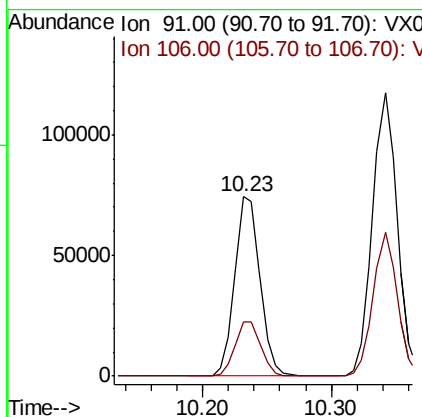
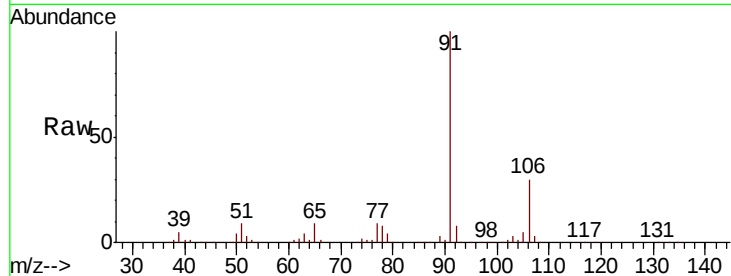




#67
Ethyl Benzene
Concen: 20.058 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

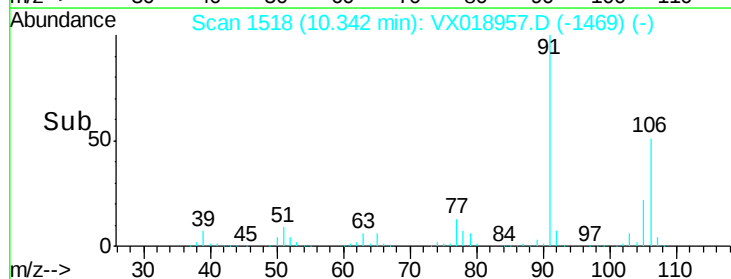
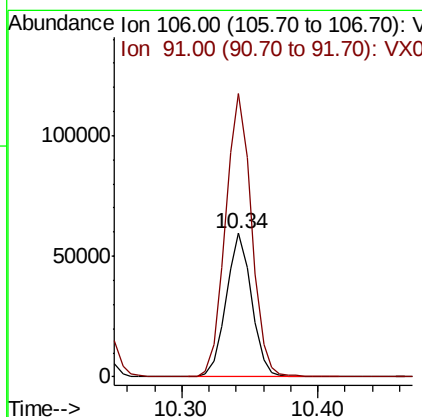
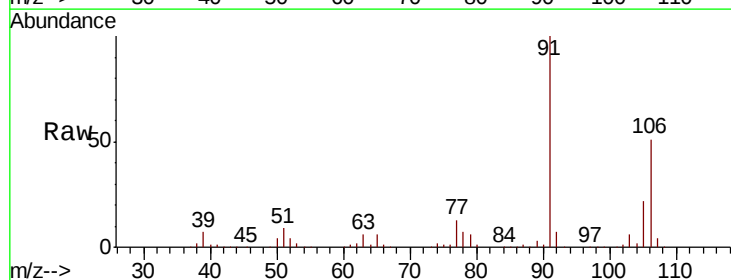
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

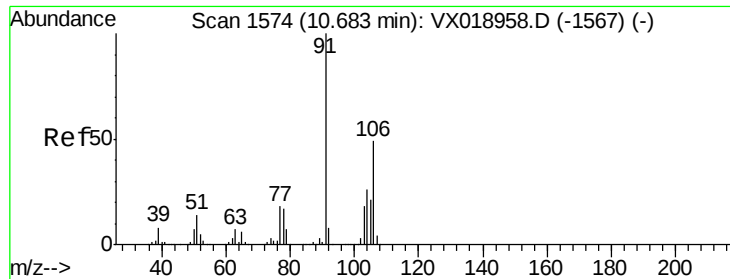
Tot Ion: 91 Resp: 102327
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1



#68
m/p-Xylenes
Concen: 40.411 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion: 106 Resp: 77301
Ion Ratio Lower Upper
106 100
91 201.9 156.7 235.1

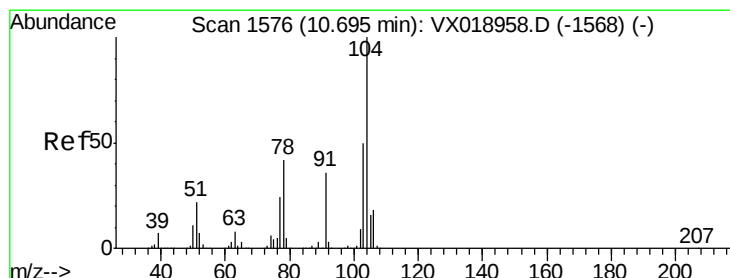
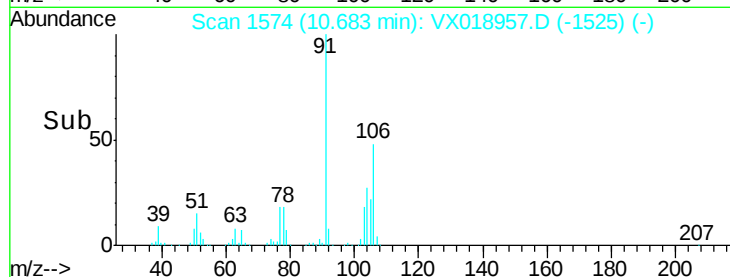
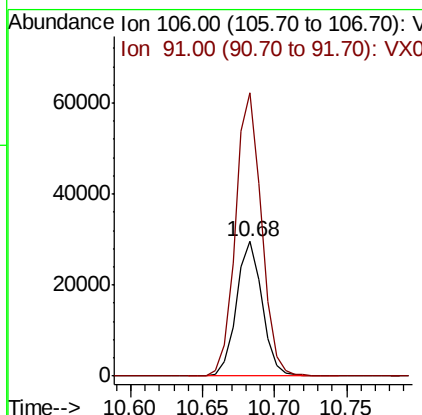
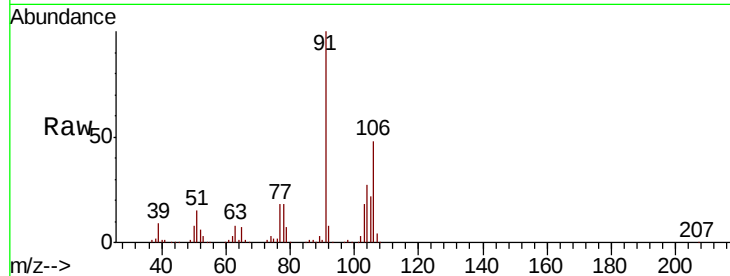




#69
o-Xylene
Concen: 19.842 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

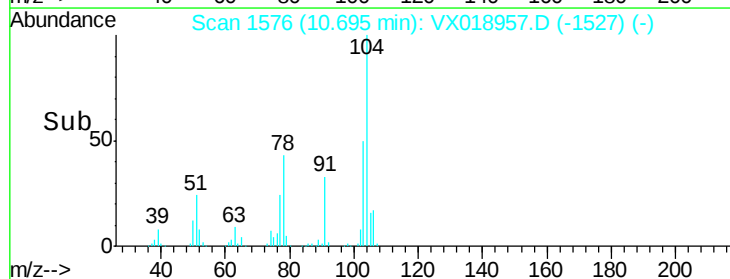
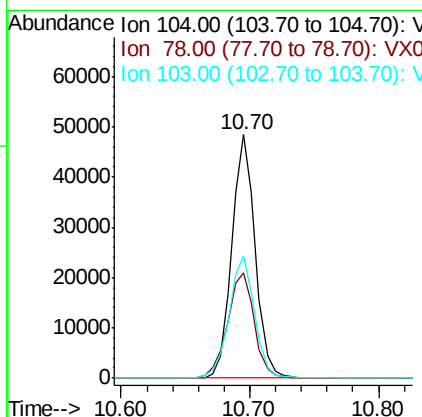
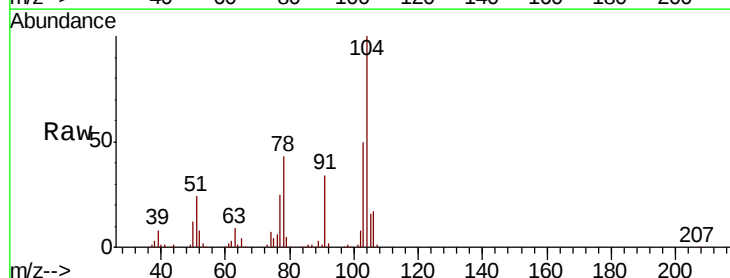
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

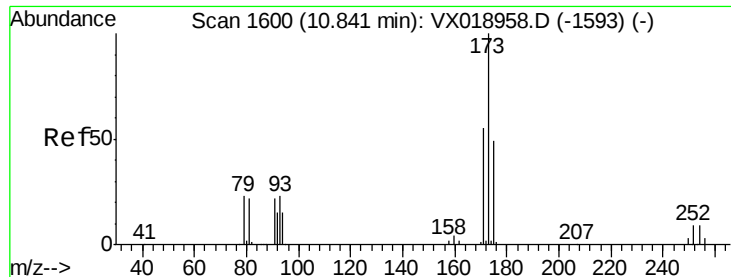
Tot Ion:106 Resp: 36940
Ion Ratio Lower Upper
106 100
91 212.5 102.4 307.1



#70
Styrene
Concen: 19.475 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion:104 Resp: 61360
Ion Ratio Lower Upper
104 100
78 49.5 37.9 56.9
103 54.9 43.7 65.5





#71

Bromoform

Concen: 16.235 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

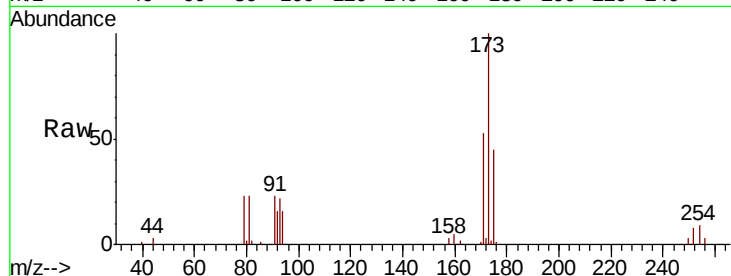
Tot Ion:173 Resp: 16103

Ion Ratio Lower Upper

173 100

175 46.0 23.7 71.1

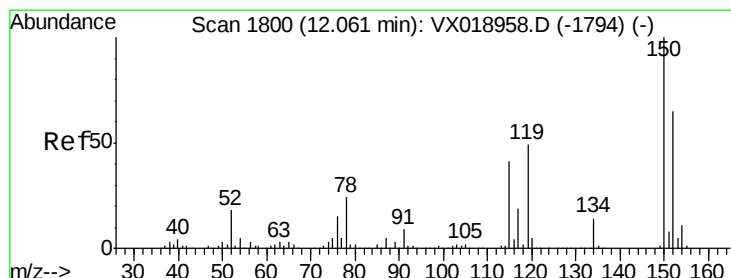
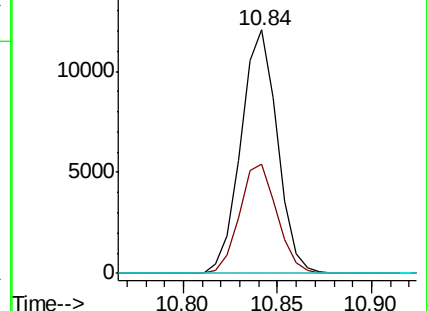
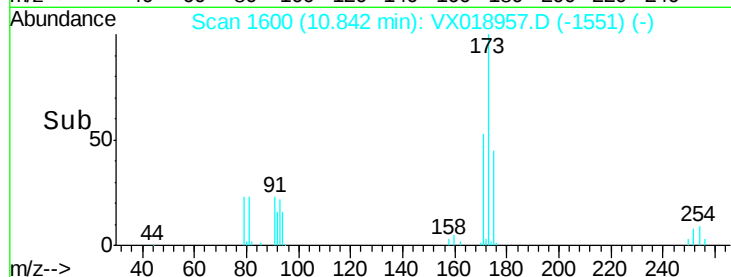
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

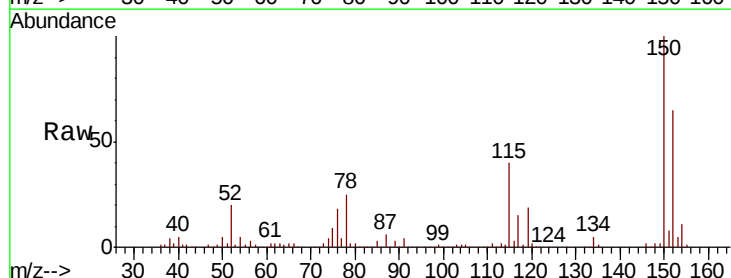
Tgt Ion:152 Resp: 69669

Ion Ratio Lower Upper

152 100

115 70.1 40.8 122.2

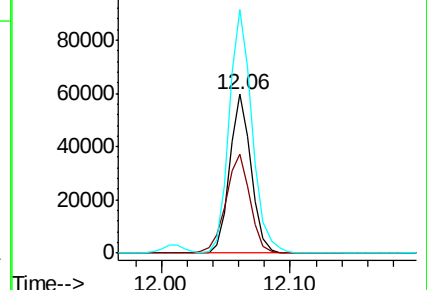
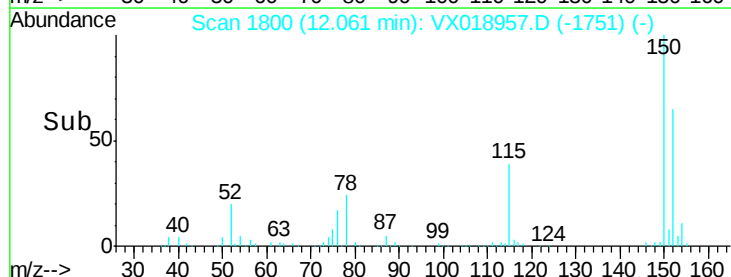
150 164.5 0.0 352.0

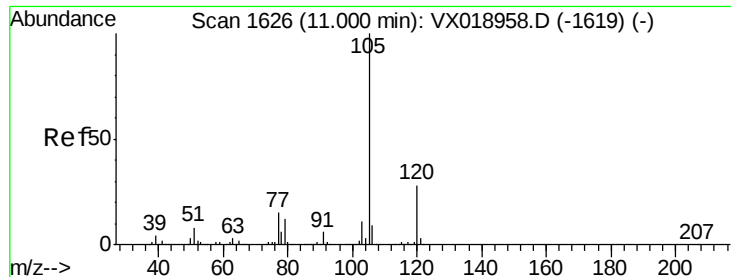


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.486 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

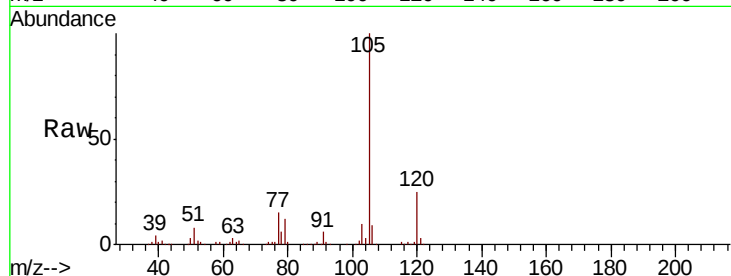
VSTDIC020

Tot Ion:105 Resp: 98788

Ion Ratio Lower Upper

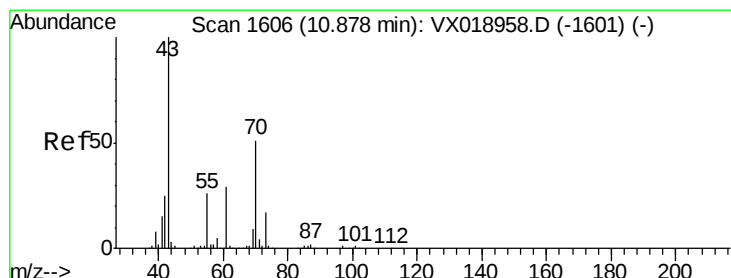
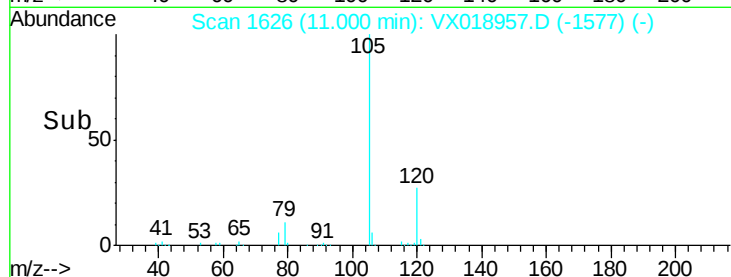
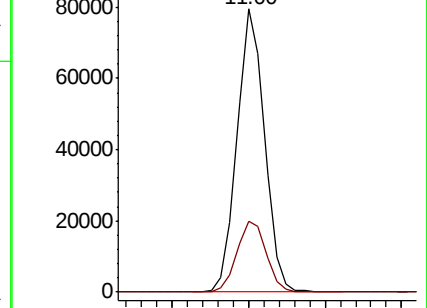
105 100

120 26.5 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.030 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Tgt Ion: 43 Resp: 37394

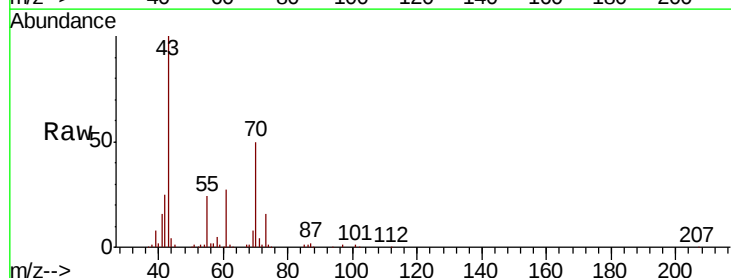
Ion Ratio Lower Upper

43 100

70 49.6 42.4 63.6

55 25.3 21.0 31.6

61 27.3 23.2 34.8

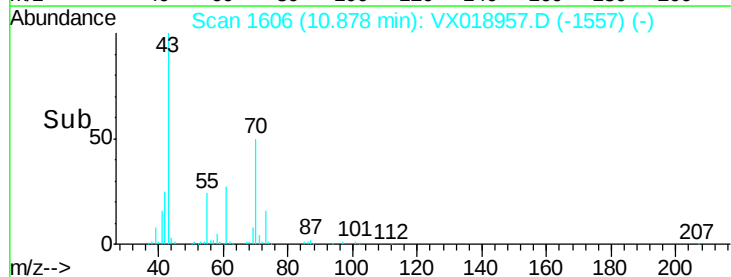
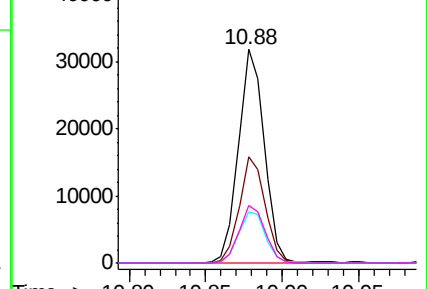


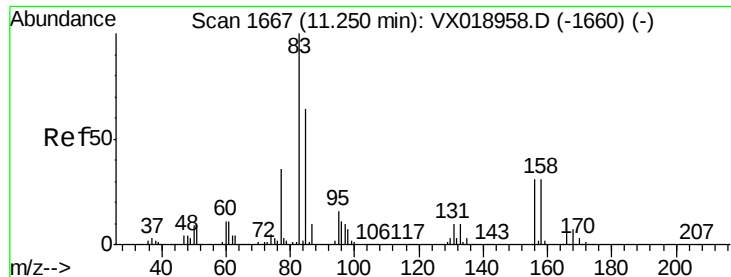
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.653 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

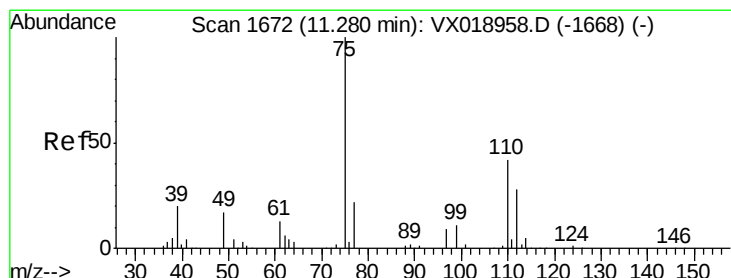
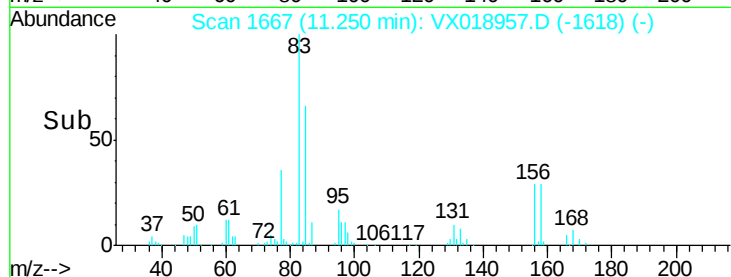
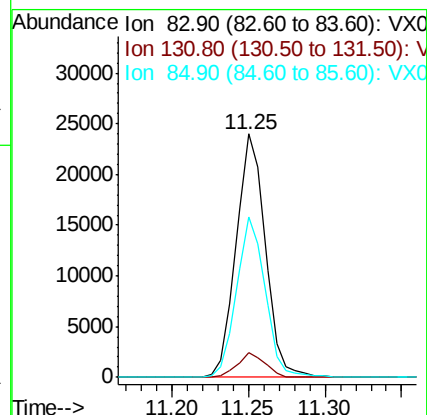
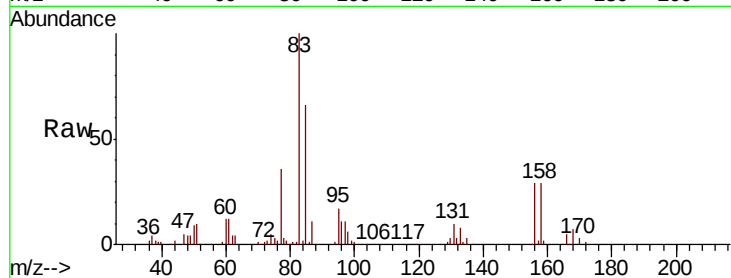
Tot Ion: 83 Resp: 31798

Ion Ratio Lower Upper

83 100

131 9.8 5.3 15.9

85 64.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 25.184 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018957.D

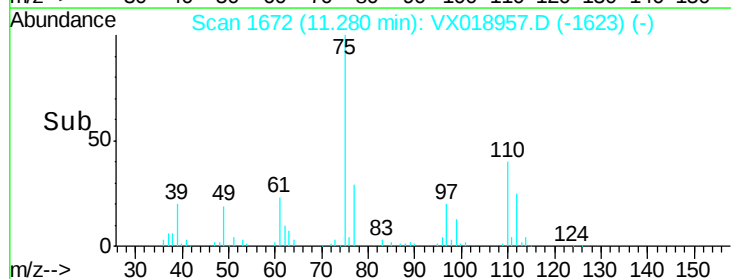
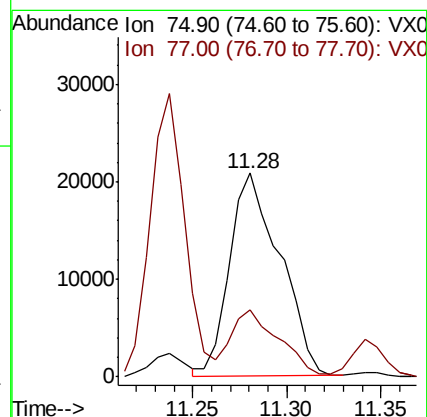
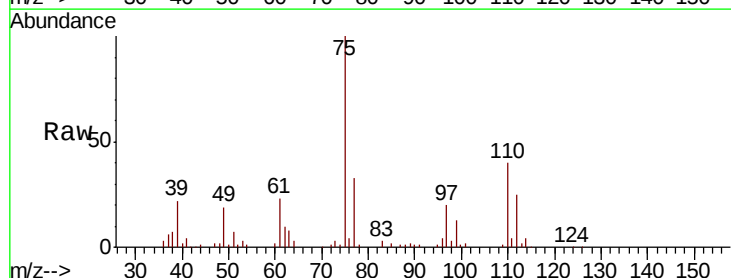
Acq: 19 Oct 2020 17:13

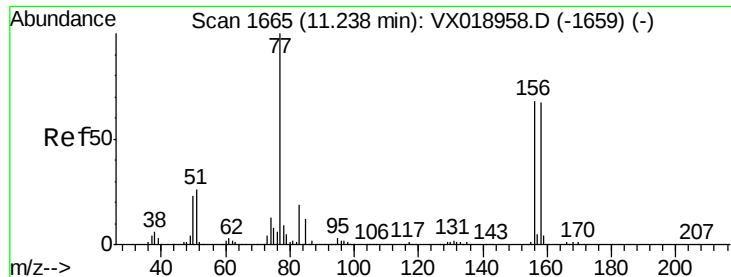
Tgt Ion: 75 Resp: 38570

Ion Ratio Lower Upper

75 100

77 31.6 21.1 63.1





#77

Bromobenzene

Concen: 17.604 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

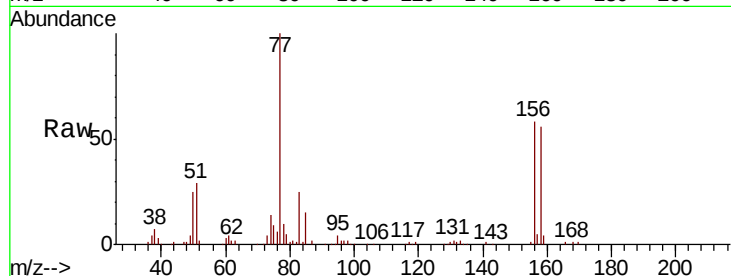
Tot Ion:156 Resp: 22163

Ion Ratio Lower Upper

156 100

77 168.8 77.4 232.2

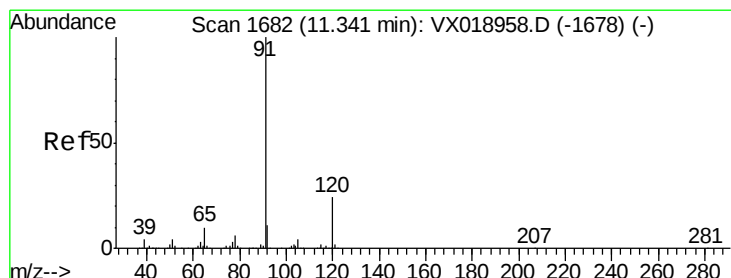
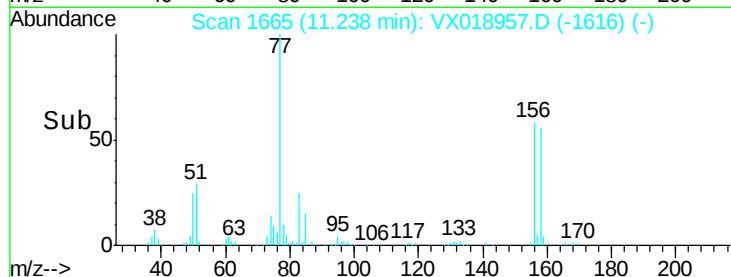
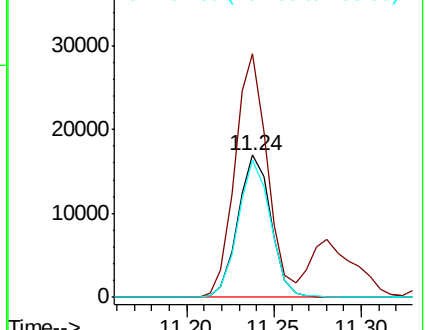
158 95.0 50.6 151.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.118 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018957.D

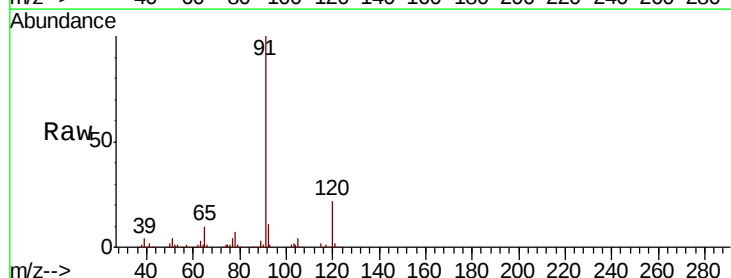
Acq: 19 Oct 2020 17:13

Tgt Ion: 91 Resp: 110420

Ion Ratio Lower Upper

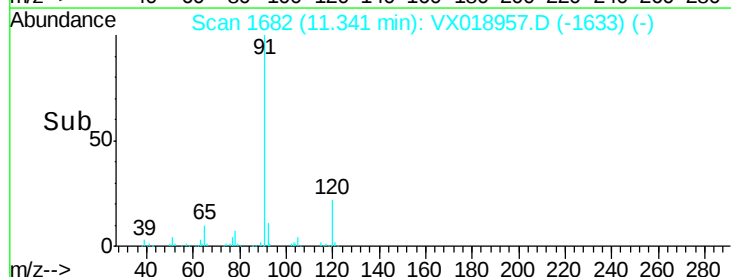
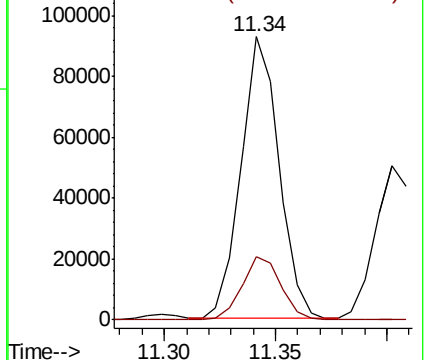
91 100

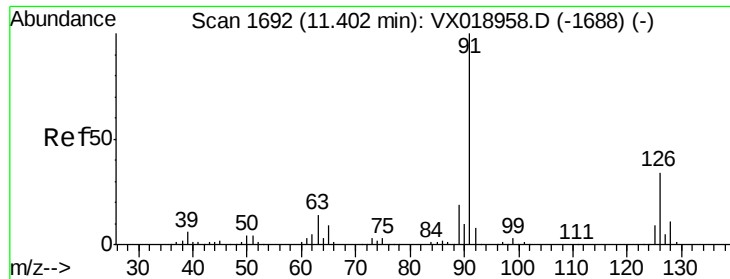
120 23.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

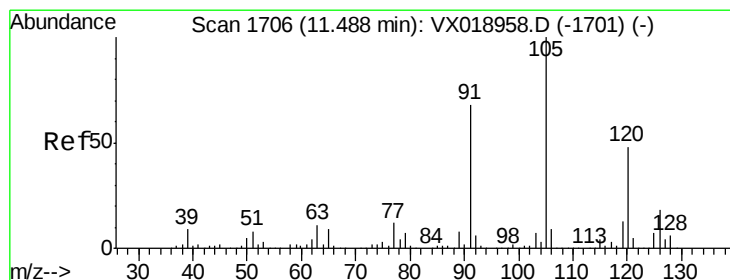
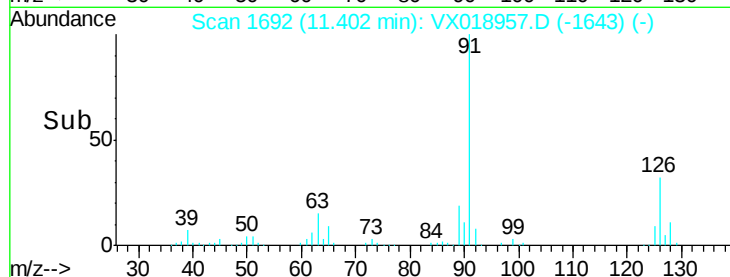
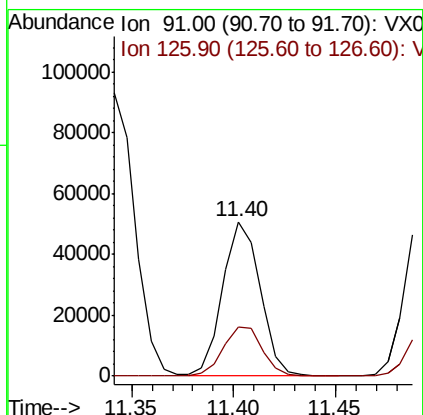
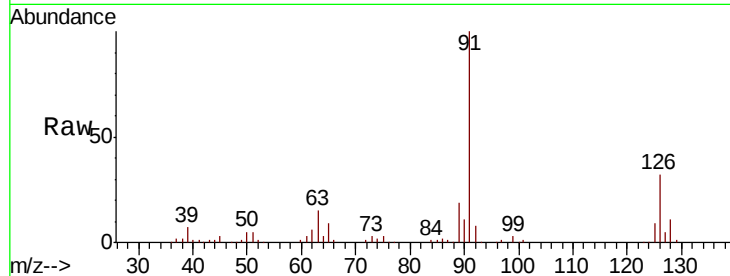




#79
 2-Chlorotoluene
 Concen: 19.962 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

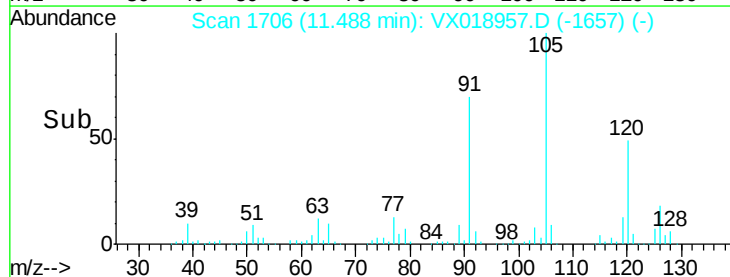
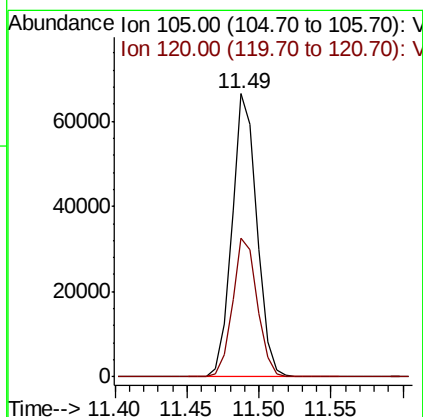
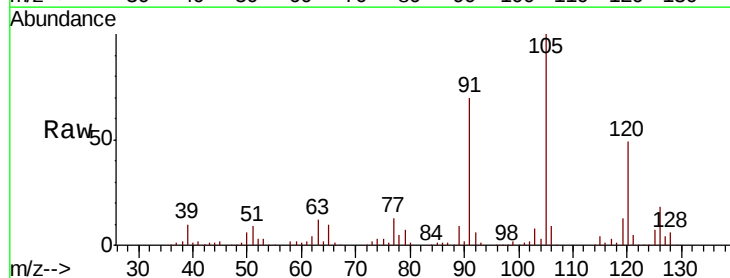
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

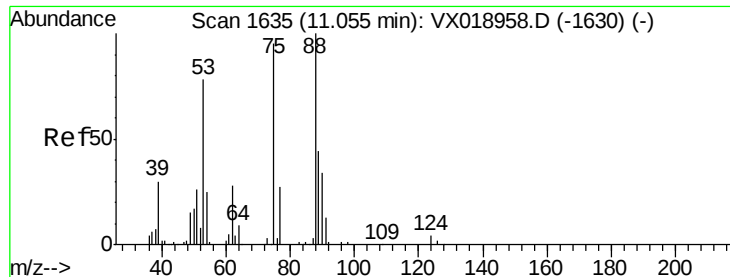
Tot Ion: 91 Resp: 63948
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 21.202 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

Tgt Ion: 105 Resp: 80417
 Ion Ratio Lower Upper
 105 100
 120 48.8 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 20.548 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

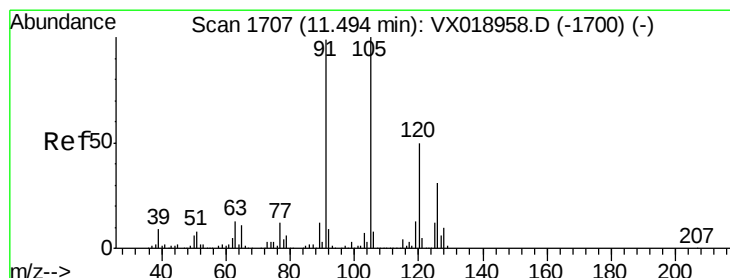
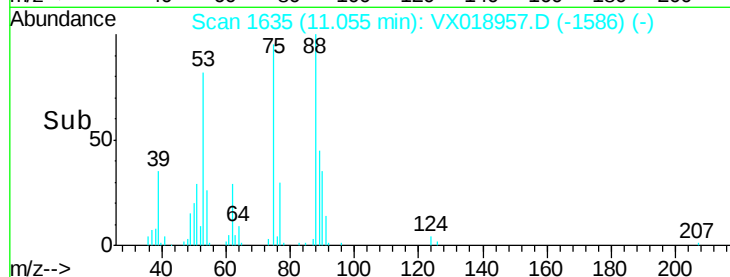
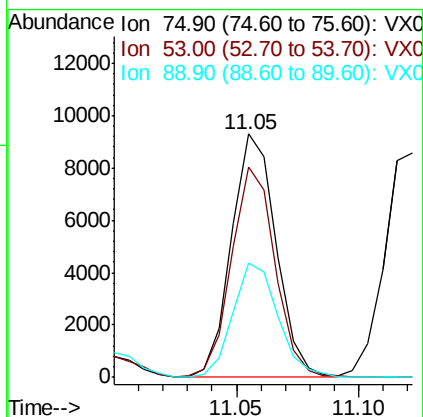
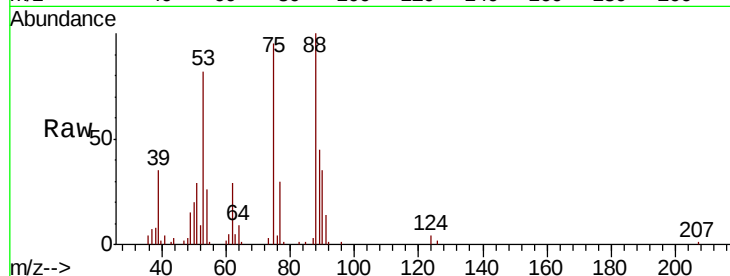
Tot Ion: 75 Resp: 11802

Ion Ratio Lower Upper

75 100

53 84.4 64.2 96.2

89 47.8 38.6 58.0



#82

4-Chlorotoluene

Concen: 20.359 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018957.D

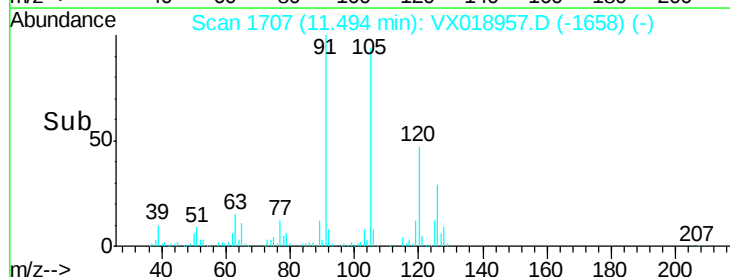
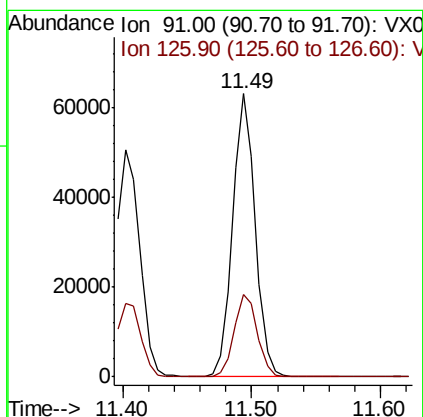
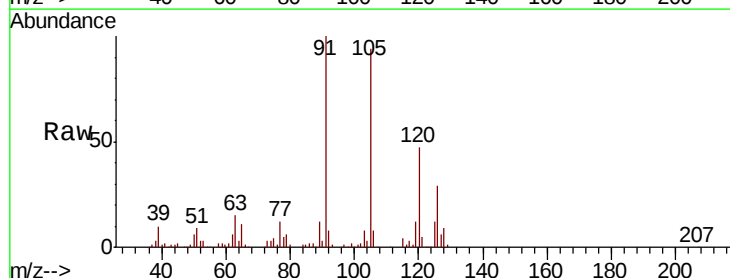
Acq: 19 Oct 2020 17:13

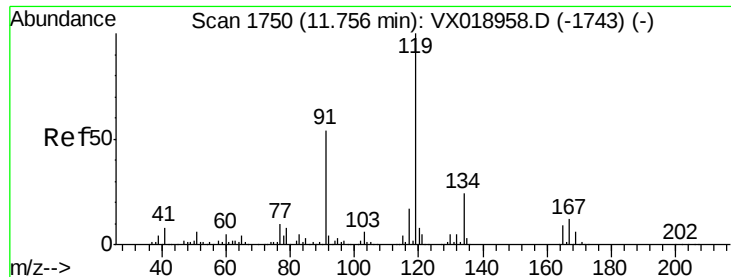
Tgt Ion: 91 Resp: 77664

Ion Ratio Lower Upper

91 100

126 29.9 15.8 47.4

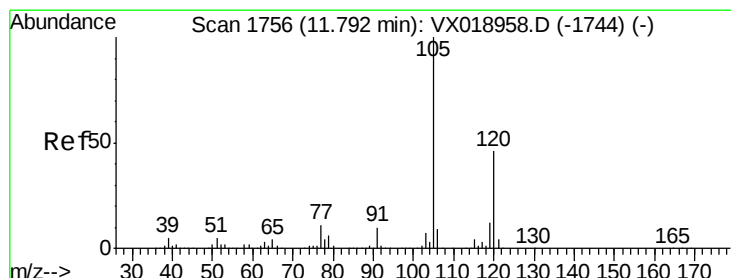
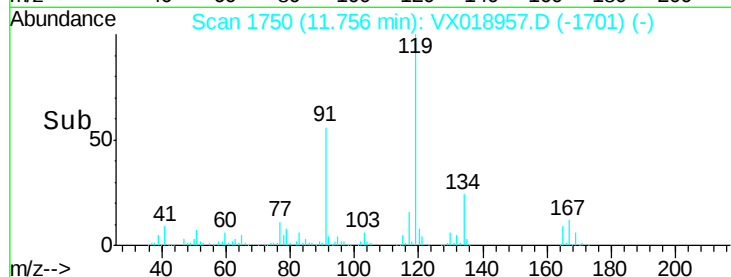
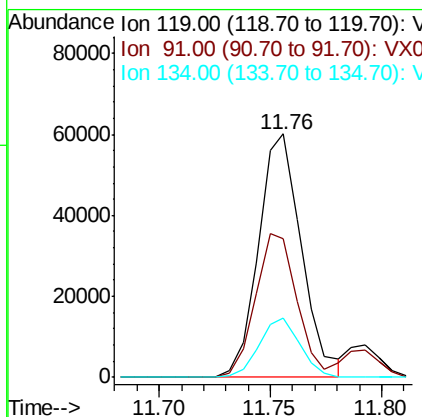
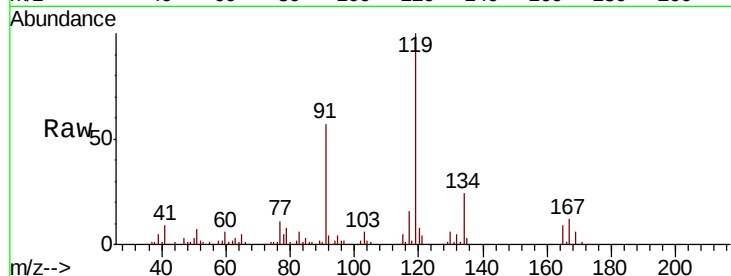




#83
 tert-Butylbenzene
 Concen: 21.408 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

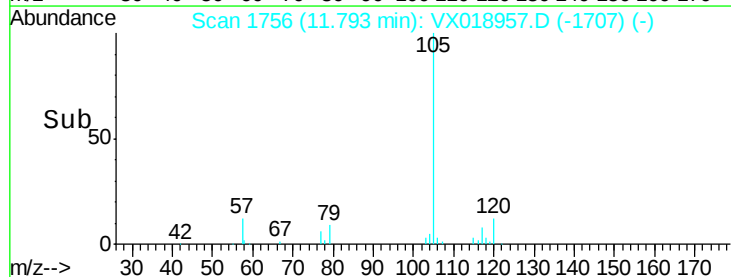
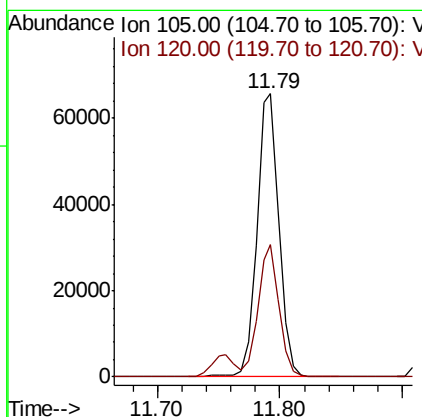
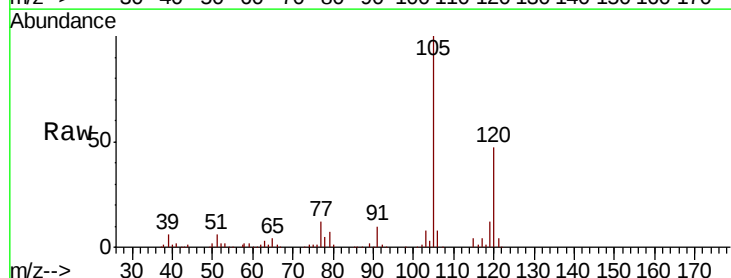
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

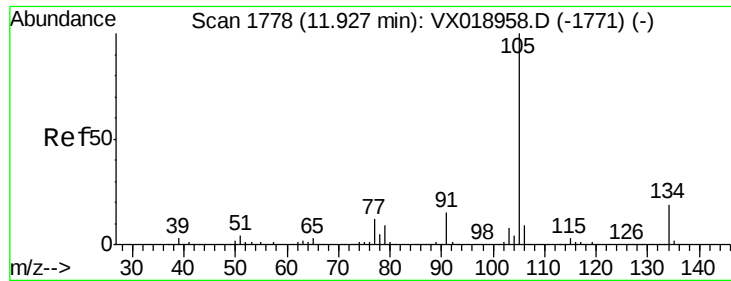
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.8	27.2	81.6
134	23.0	11.8	35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.258 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.9	68.5

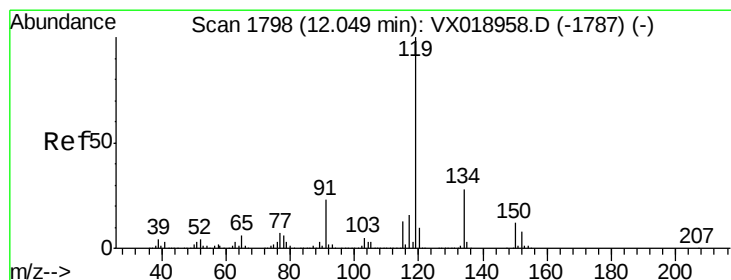
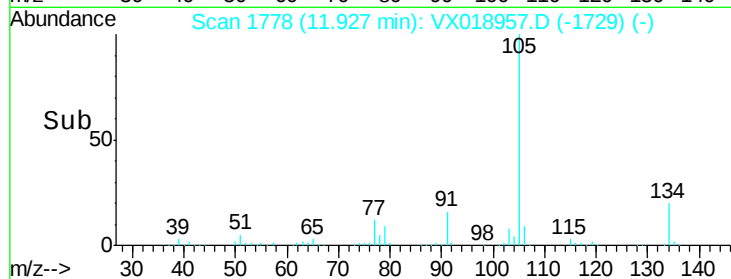
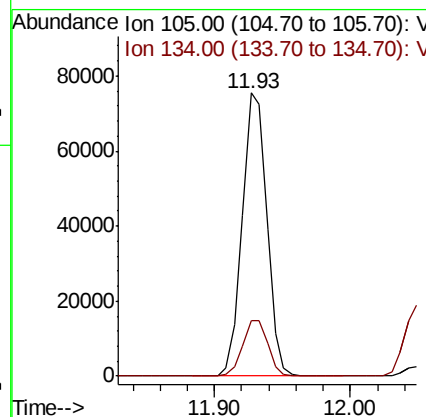
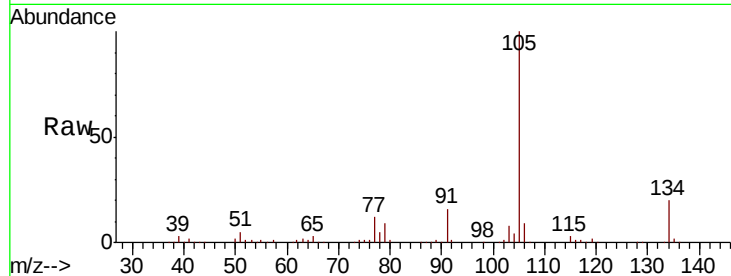




#85
 sec-Butylbenzene
 Concen: 22.155 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

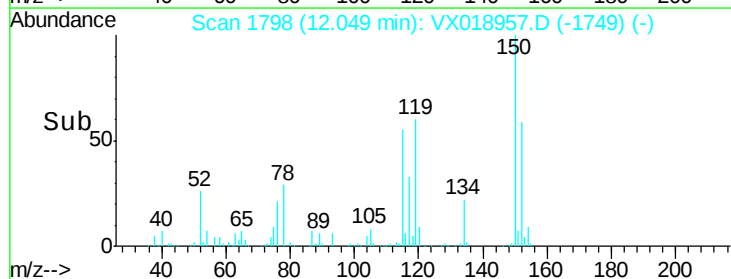
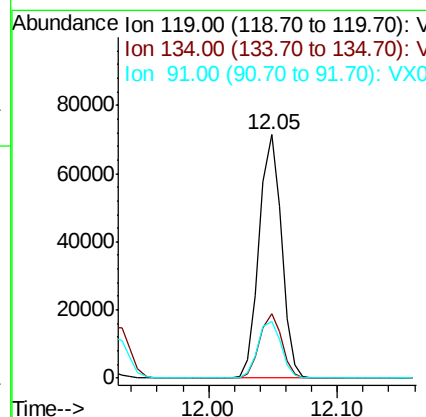
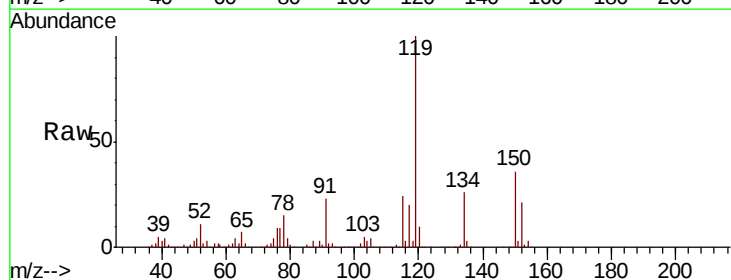
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

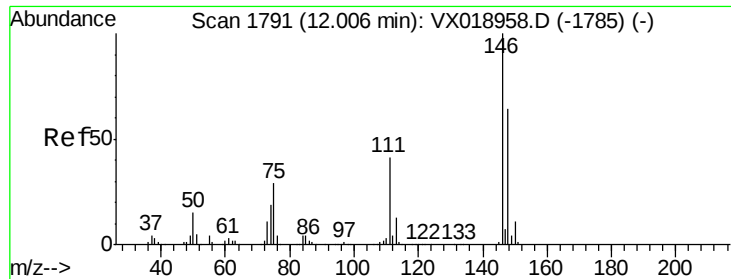
Tot Ion:105 Resp: 95145
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.624 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

Tgt Ion:119 Resp: 84906
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.8 41.4
 91 24.5 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 18.399 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

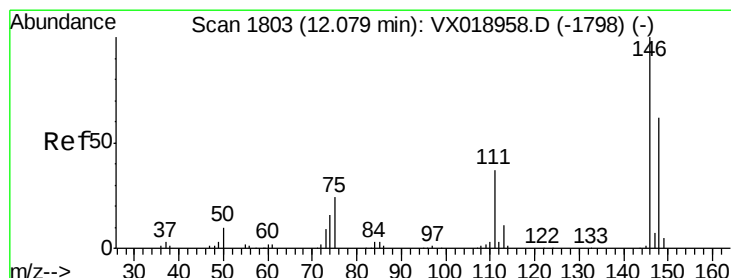
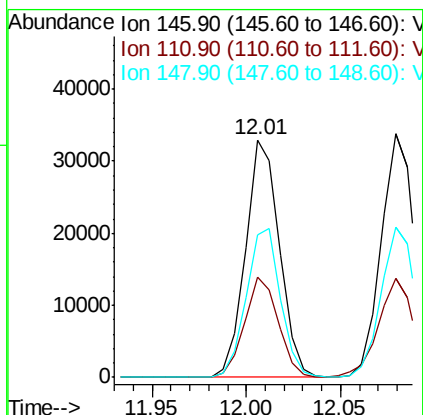
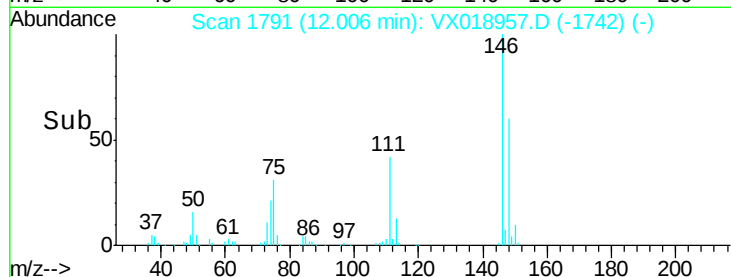
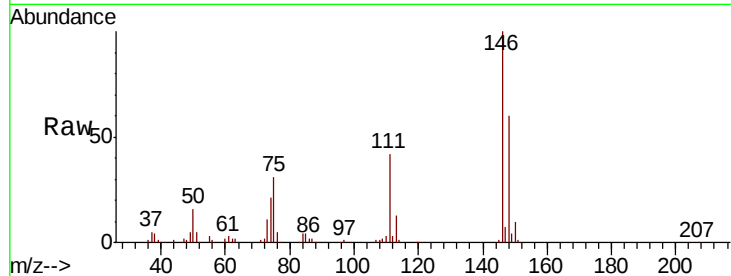
Tot Ion:146 Resp: 41111

Ion Ratio Lower Upper

146 100

111 42.1 19.8 59.4

148 63.3 32.4 97.2



#88

1,4-Dichlorobenzene

Concen: 18.809 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

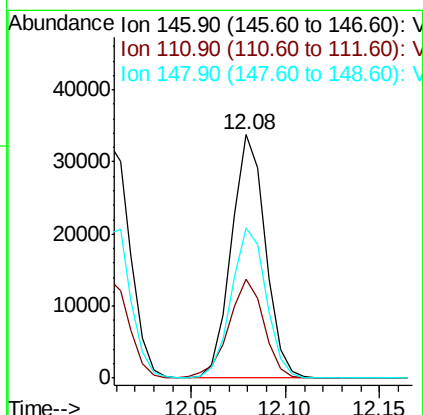
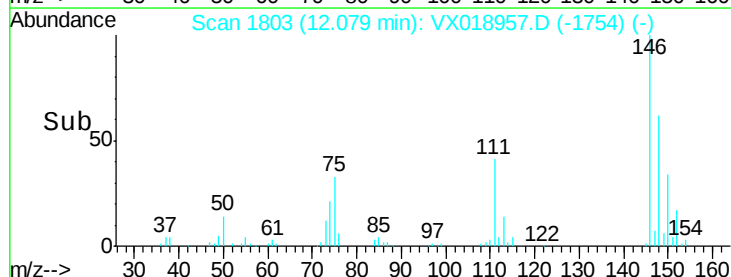
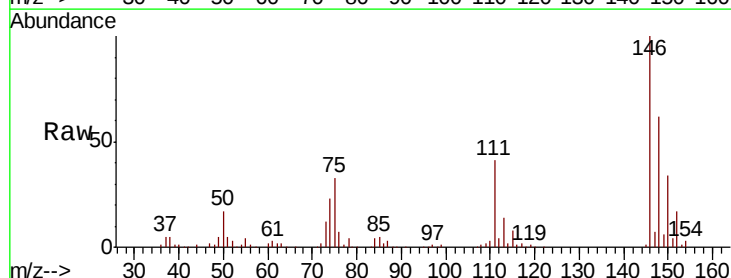
Tgt Ion:146 Resp: 42330

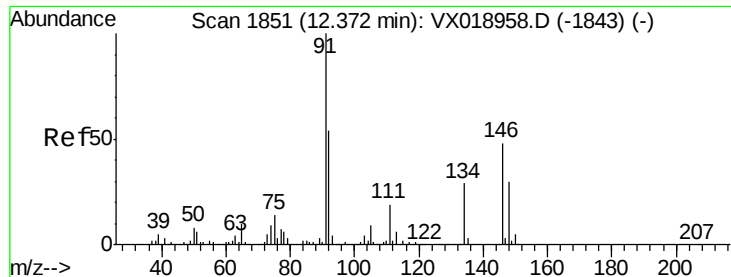
Ion Ratio Lower Upper

146 100

111 42.3 18.8 56.3

148 63.3 31.7 95.1

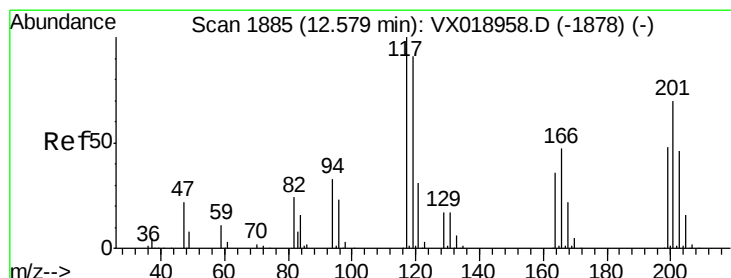
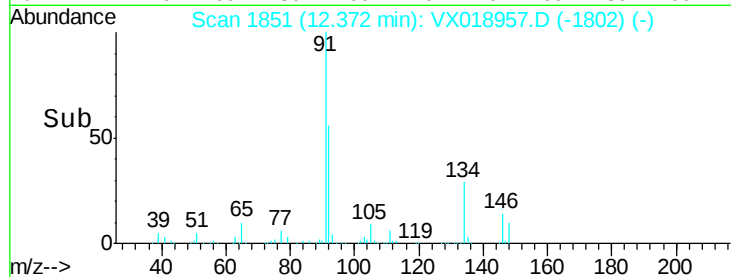
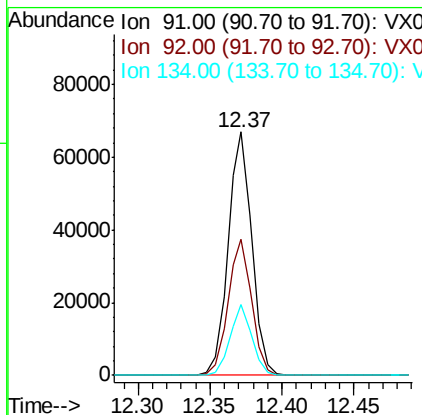
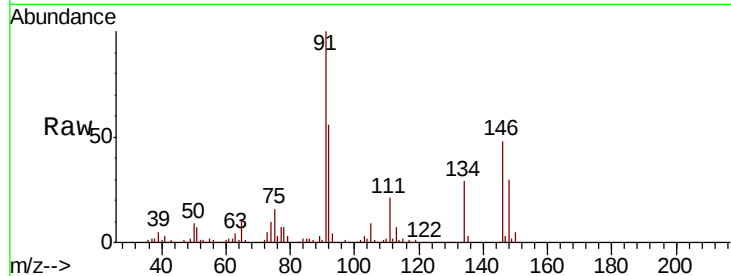




#89
n-Butylbenzene
Concen: 21.506 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

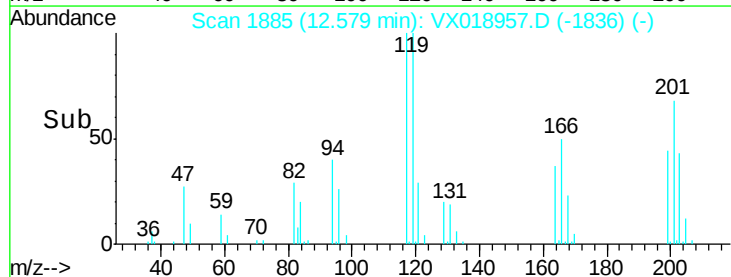
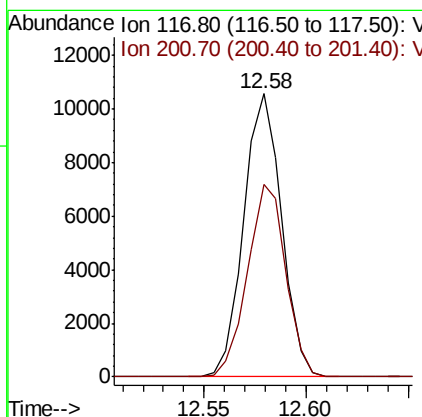
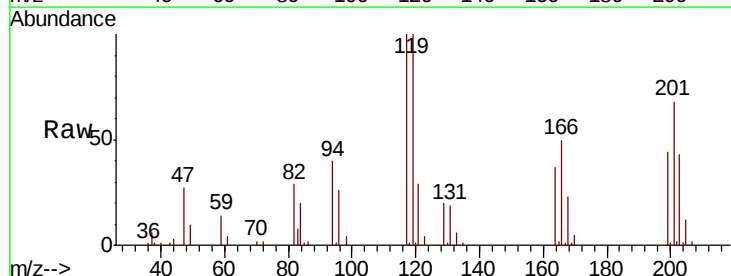
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

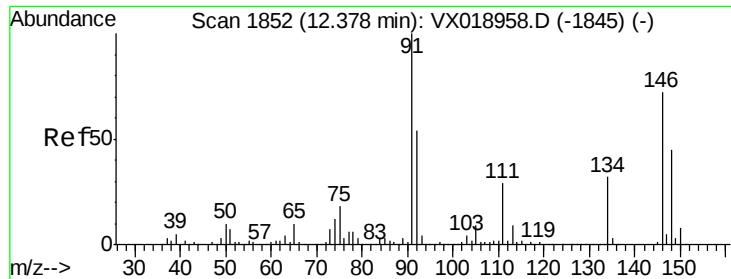
Tot Ion: 91 Resp: 77414
Ion Ratio Lower Upper
91 100
92 55.5 27.2 81.5
134 27.0 14.2 42.6



#90
Hexachloroethane
Concen: 18.046 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion: 117 Resp: 13588
Ion Ratio Lower Upper
117 100
201 69.0 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 19.447 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

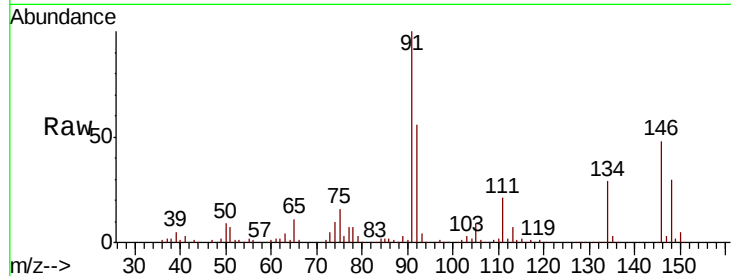
Tot Ion:146 Resp: 41044

Ion Ratio Lower Upper

146 100

111 42.6 20.2 60.6

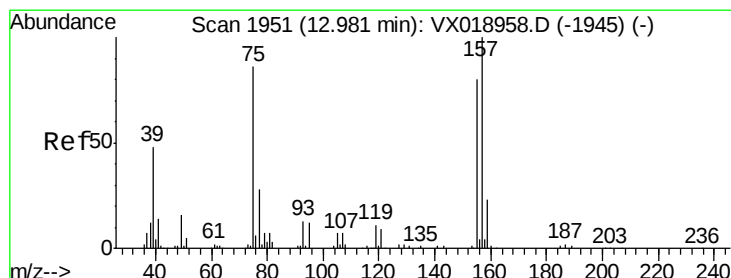
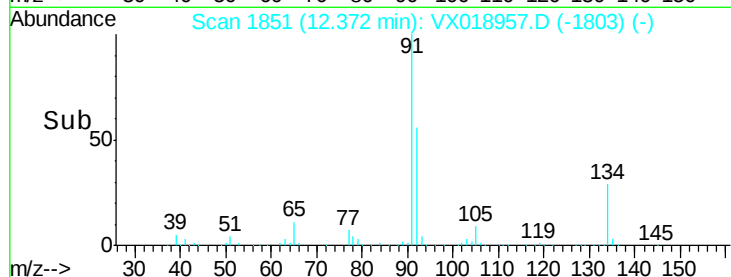
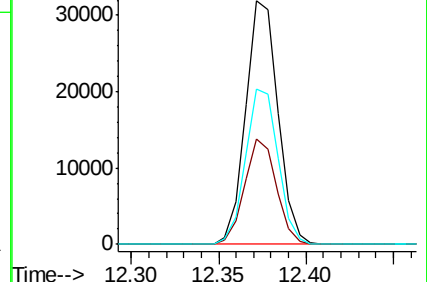
148 63.9 31.4 94.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.429 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018957.D

Acq: 19 Oct 2020 17:13

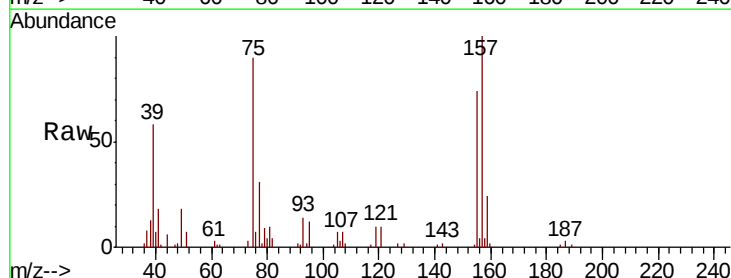
Tgt Ion: 75 Resp: 7374

Ion Ratio Lower Upper

75 100

155 86.1 48.2 144.6

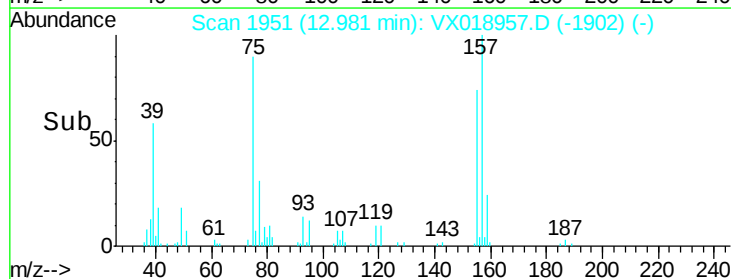
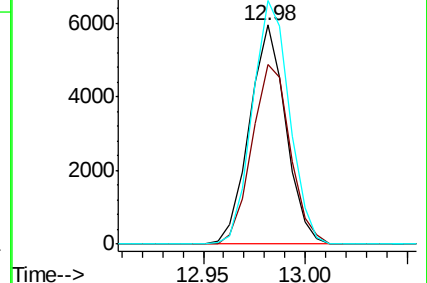
157 113.1 62.2 186.6

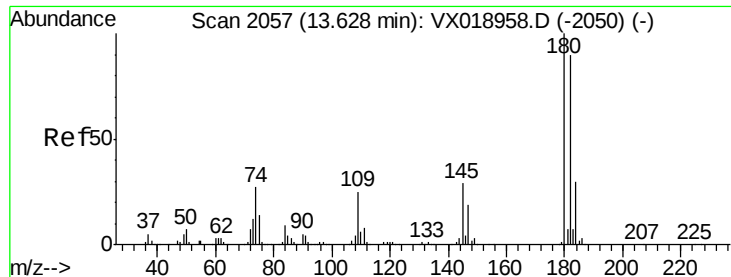


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

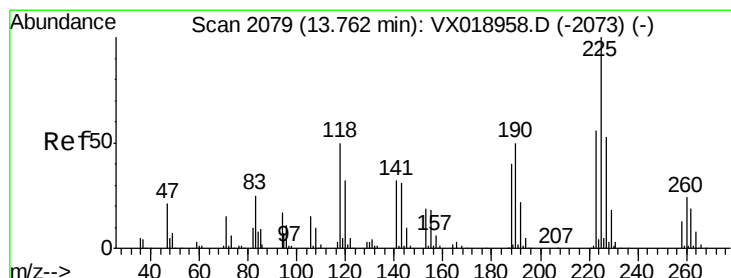
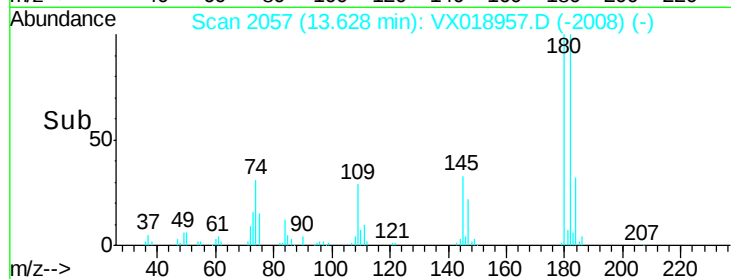
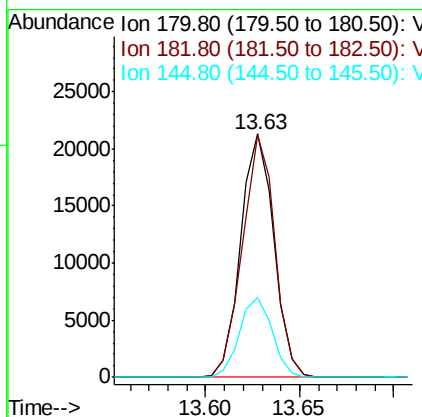
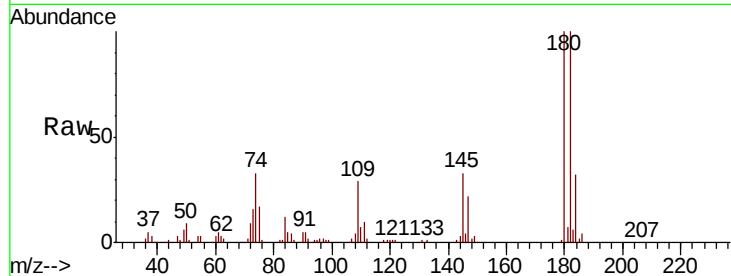




#93
 1,2,4-Trichlorobenzene
 Concen: 18.460 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

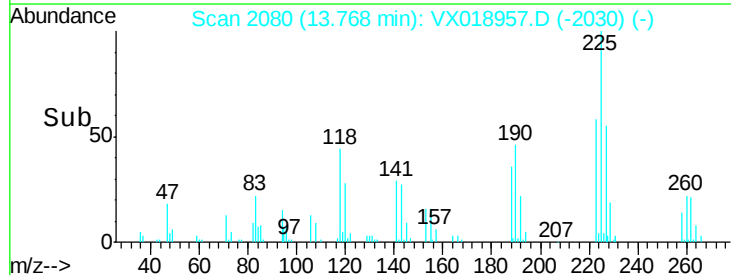
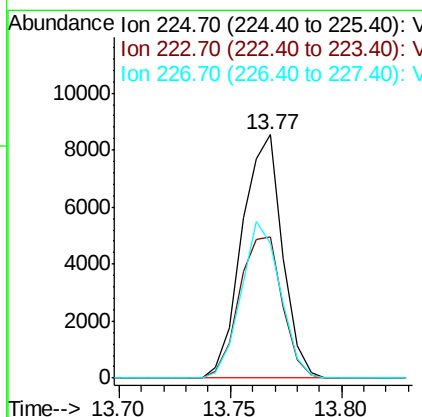
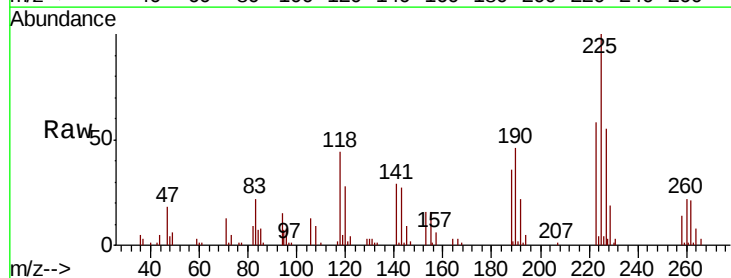
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

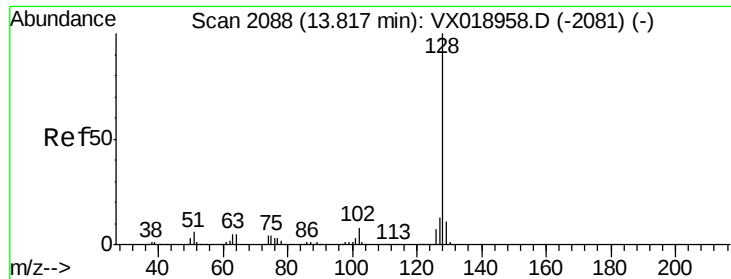
Tot Ion:180 Resp: 25984
 Ion Ratio Lower Upper
 180 100
 182 97.3 46.3 138.9
 145 32.4 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 19.190 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018957.D
 Acq: 19 Oct 2020 17:13

Tgt Ion:225 Resp: 10793
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.4 94.0
 227 62.3 30.9 92.8

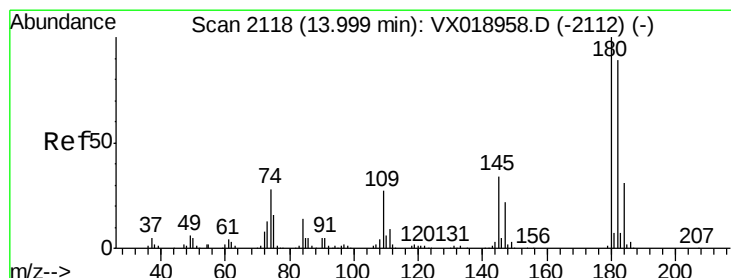
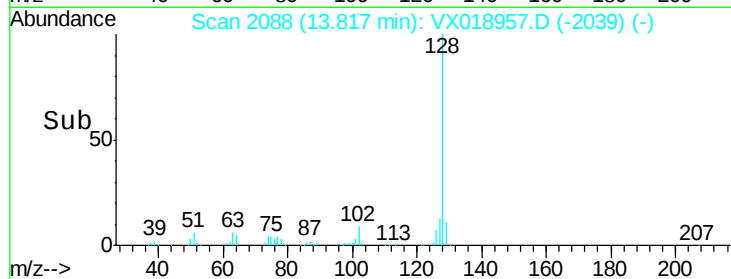
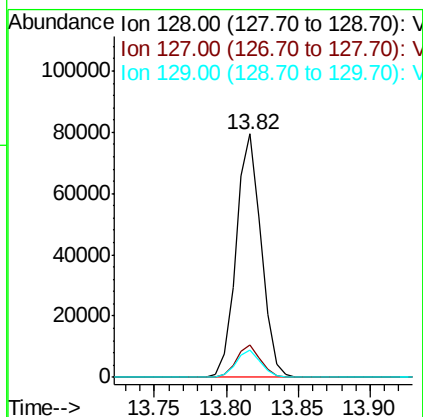
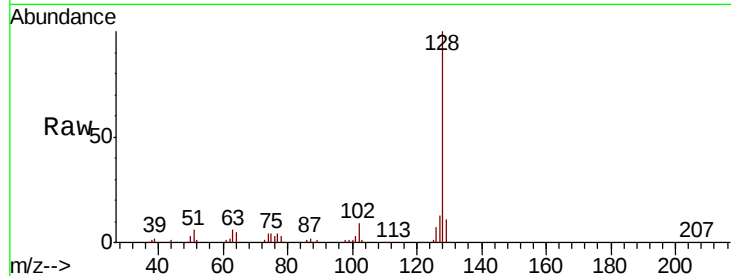




#95
Naphthalene
Concen: 20.598 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:128 Resp: 96050
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.684 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018957.D
Acq: 19 Oct 2020 17:13

Tgt Ion:180 Resp: 26037
Ion Ratio Lower Upper
180 100
182 96.5 46.6 139.7
145 33.7 17.0 51.0

