

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
 Data File : VX018955.D
 Acq On : 19 Oct 2020 16:16
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 19 18:07:08 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	5.63	168	89603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	158847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	139978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	61491	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	1957	1.60	ug/l	0.00
Spiked Amount			Recovery	=	3.20%	
35) Dibromofluoromethane	5.46	113	1437	1.36	ug/l	0.00
Spiked Amount			Recovery	=	2.72%	
50) Toluene-d8	8.70	98	5379	1.36	ug/l	0.00
Spiked Amount			Recovery	=	2.72%	
62) 4-Bromofluorobenzene	11.12	95	1742	1.13	ug/l	0.00
Spiked Amount			Recovery	=	2.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	778	0.750	ug/l	83
3) Chloromethane	1.31	50	966	0.872	ug/l	91
4) Vinyl Chloride	1.39	62	1240	1.075	ug/l	97
5) Bromomethane	1.64	94	1502	2.334	ug/l	98
6) Chloroethane	1.72	64	925	1.408	ug/l	100
7) Trichlorofluoromethane	1.92	101	2047	1.251	ug/l	97
8) Diethyl Ether	2.17	74	839	1.457	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1203	1.350	ug/l	93
10) Methyl Iodide	2.49	142	916	1.104	ug/l	98
11) Tert butyl alcohol	3.01	59	1409	5.686	ug/l #	84
12) 1,1-Dichloroethene	2.36	96	1303	1.401	ug/l	95
13) Acrolein	2.27	56	812	7.039	ug/l	96
14) Allyl chloride	2.71	41	1768	1.156	ug/l	90
15) Acrylonitrile	3.11	53	2586	4.781	ug/l	99
16) Acetone	2.42	43	3586	7.453	ug/l	96
17) Carbon Disulfide	2.55	76	3256	1.228	ug/l	96
18) Methyl Acetate	2.75	43	1468	1.268	ug/l #	79
19) Methyl tert-butyl Ether	3.17	73	3159	1.053	ug/l	99
20) Methylene Chloride	2.83	84	1245	1.136	ug/l #	88
21) trans-1,2-Dichloroethene	3.14	96	1159	1.174	ug/l	87
22) Diisopropyl ether	3.82	45	2768	0.915	ug/l #	80
23) Vinyl Acetate	3.78	43	12774	4.698	ug/l	97
24) 1,1-Dichloroethane	3.67	63	1886	1.064	ug/l #	91
25) 2-Butanone	4.64	43	4066	5.167	ug/l	92
26) 2,2-Dichloropropane	4.55	77	1753	1.181	ug/l #	69
27) cis-1,2-Dichloroethene	4.56	96	1351	1.179	ug/l	98
28) Bromochloromethane	4.97	49	737	0.874	ug/l #	91
29) Tetrahydrofuran	5.09	42	2401	4.862	ug/l	91
30) Chloroform	5.18	83	2003	1.080	ug/l	84
31) Cyclohexane	5.54	56	1659	1.122	ug/l #	85
32) 1,1,1-Trichloroethane	5.46	97	1796	1.056	ug/l #	50
36) 1,1-Dichloropropene	5.76	75	1657	1.133	ug/l	95
37) Ethyl Acetate	4.80	43	1904	1.148	ug/l #	81
38) Carbon Tetrachloride	5.75	117	1547	0.948	ug/l #	95

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 ClientSampleId :
 VSTDIC001

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	1651	1.033	ug/l #	84
40) Benzene	6.11	78	4371	1.012	ug/l	96
41) Methacrylonitrile	5.01	41	941	1.039	ug/l #	82
42) 1,2-Dichloroethane	6.16	62	1469	0.902	ug/l	96
43) Isopropyl Acetate	6.41	43	2700	1.008	ug/l #	89
44) Trichloroethene	7.18	130	1232	1.021	ug/l	94
45) 1,2-Dichloropropane	7.49	63	1163	1.019	ug/l	91
46) Dibromomethane	7.64	93	784	0.967	ug/l	95
47) Bromodichloromethane	7.88	83	1526	0.946	ug/l #	92
48) Methyl methacrylate	7.75	41	1236	0.936	ug/l	92
49) 1,4-Dioxane	7.71	88	502	20.341	ug/l #	77
51) 4-Methyl-2-Pentanone	8.62	43	7069	4.302	ug/l	94
52) Toluene	8.76	92	2754	1.000	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1771	0.983	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	1846	0.970	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	1042	0.898	ug/l	96
56) Ethyl methacrylate	9.16	69	1586	0.918	ug/l #	82
57) 1,3-Dichloropropane	9.35	76	1882	0.985	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	5595	6.994	ug/l	96
59) 2-Hexanone	9.48	43	5338	4.283	ug/l	92
60) Dibromochloromethane	9.56	129	1047	0.775	ug/l	98
61) 1,2-Dibromoethane	9.65	107	1130	0.897	ug/l	98
64) Tetrachloroethene	9.32	164	1039	1.020	ug/l	90
65) Chlorobenzene	10.12	112	2950	1.051	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	1018	0.930	ug/l #	64
67) Ethyl Benzene	10.23	91	4881	1.021	ug/l	96
68) m/p-Xylenes	10.34	106	3663	2.044	ug/l	91
69) o-Xylene	10.68	106	1889	1.083	ug/l	100
70) Styrene	10.70	104	2987	1.012	ug/l	99
71) Bromoform	10.84	173	641	0.690	ug/l #	95
73) Isopropylbenzene	11.00	105	4614	1.137	ug/l	99
74) N-amyl acetate	10.88	43	1960	1.071	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.25	83	1575	1.103	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	1942	1.437	ug/l	88
77) Bromobenzene	11.24	156	1062	0.956	ug/l	87
78) n-propylbenzene	11.34	91	5570	1.207	ug/l	94
79) 2-Chlorotoluene	11.40	91	3317	1.173	ug/l	90
80) 1,3,5-Trimethylbenzene	11.49	105	3658	1.093	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.06	75	515	1.016	ug/l #	79
82) 4-Chlorotoluene	11.49	91	3937	1.169	ug/l	94
83) tert-Butylbenzene	11.76	119	3703	1.114	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	3640	1.064	ug/l	97
85) sec-Butylbenzene	11.93	105	4424	1.167	ug/l	97
86) p-Isopropyltoluene	12.05	119	4076	1.176	ug/l	93
87) 1,3-Dichlorobenzene	12.01	146	2195	1.113	ug/l	93
88) 1,4-Dichlorobenzene	12.01	146	2195	1.105	ug/l	92
89) n-Butylbenzene	12.37	91	3745	1.179	ug/l	98
90) Hexachloroethane	12.58	117	627	0.943	ug/l	82
91) 1,2-Dichlorobenzene	12.38	146	1963	1.054	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	324	0.917	ug/l	96

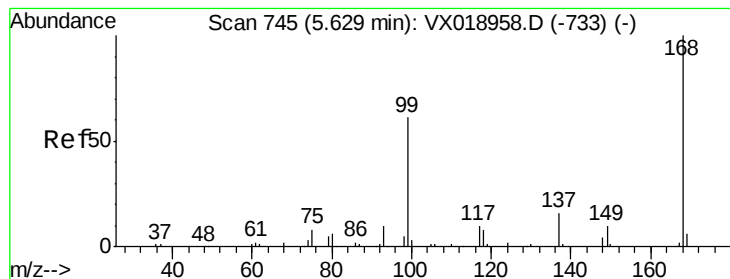
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 17:59:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1491	1.200	ug/l	91
94) Hexachlorobutadiene	13.76	225	599	1.207	ug/l	91
95) Naphthalene	13.82	128	4571	1.111	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1298	1.055	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

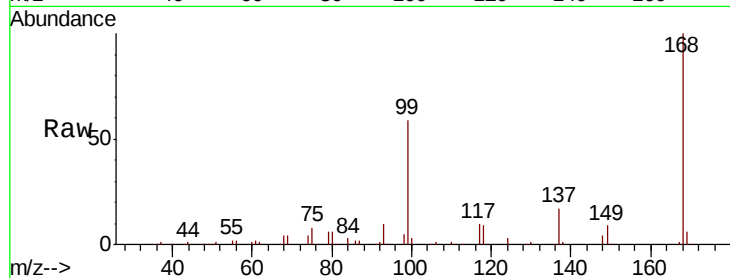
VSTDIC001

Tot Ion:168 Resp: 89603

Ion Ratio Lower Upper

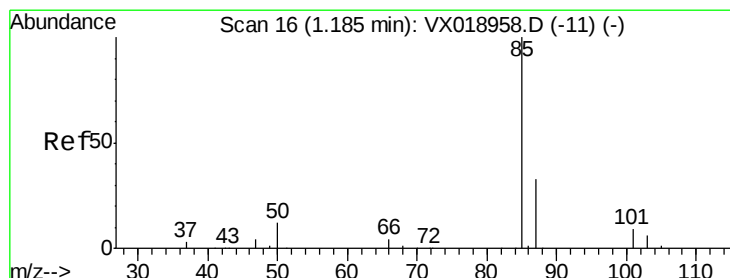
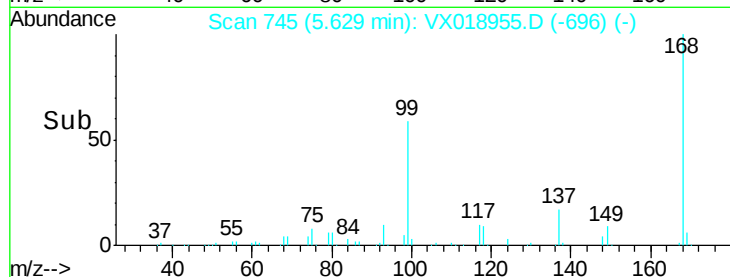
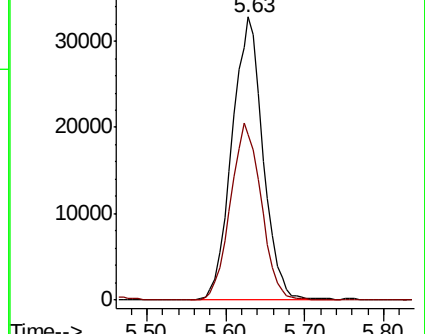
168 100

99 58.5 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.750 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018955.D

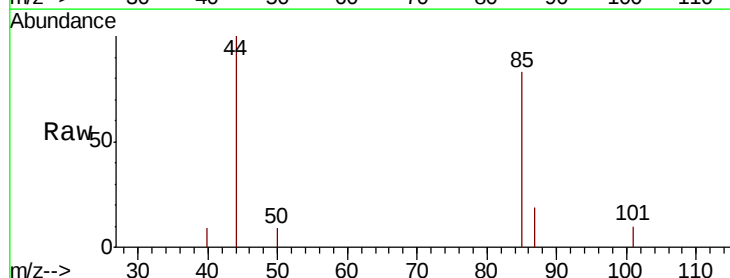
Acq: 19 Oct 2020 16:16

Tgt Ion: 85 Resp: 778

Ion Ratio Lower Upper

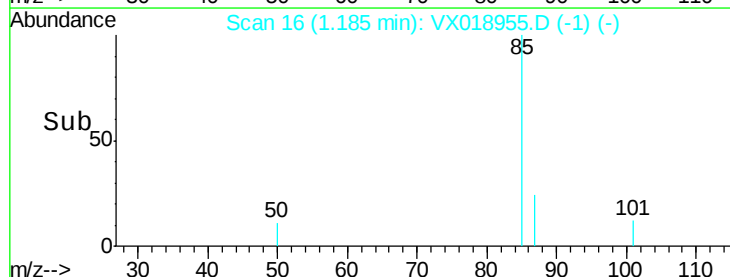
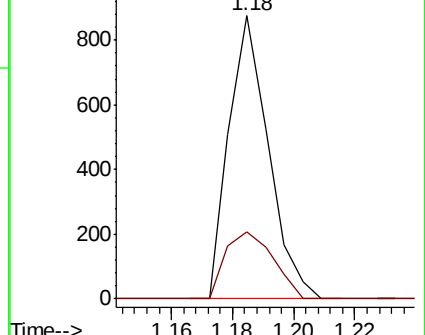
85 100

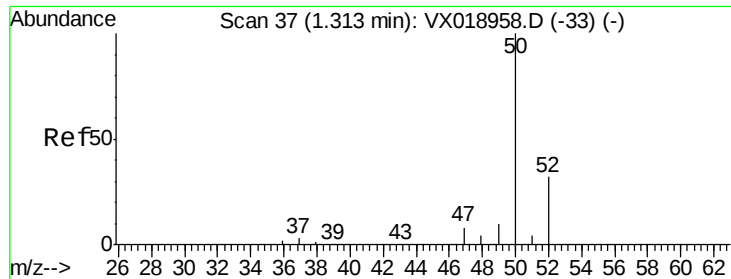
87 23.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.872 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

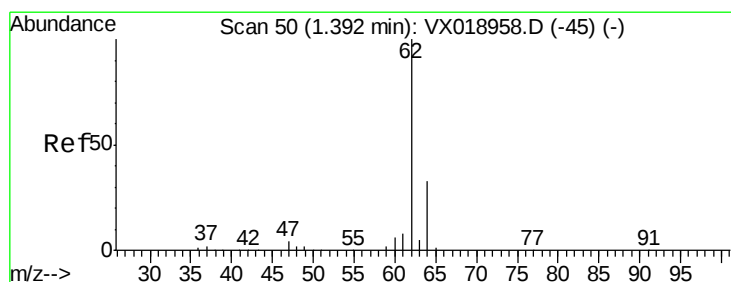
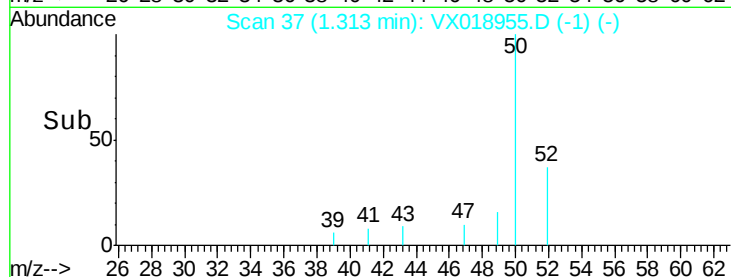
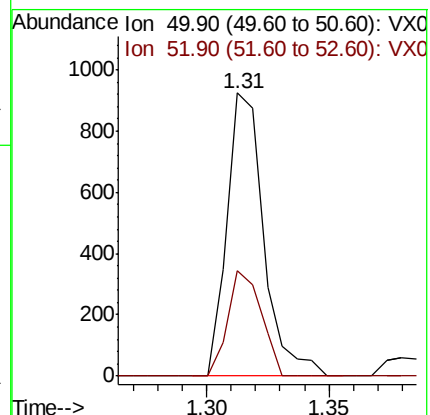
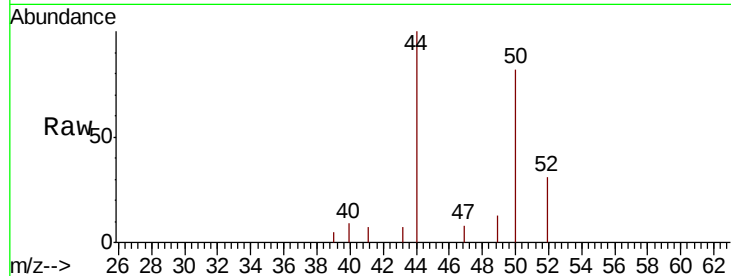
VSTDIC001

Tot Ion: 50 Resp: 966

Ion Ratio Lower Upper

50 100

52 37.4 25.9 38.9



#4

Vinyl Chloride

Concen: 1.075 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018955.D

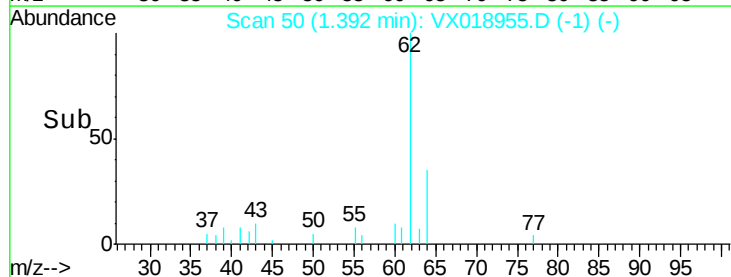
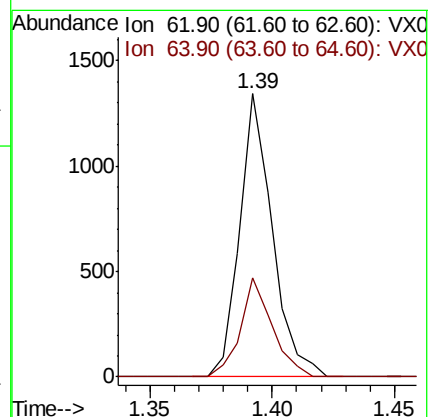
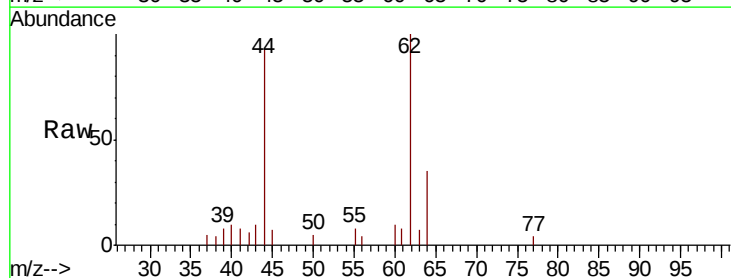
Acq: 19 Oct 2020 16:16

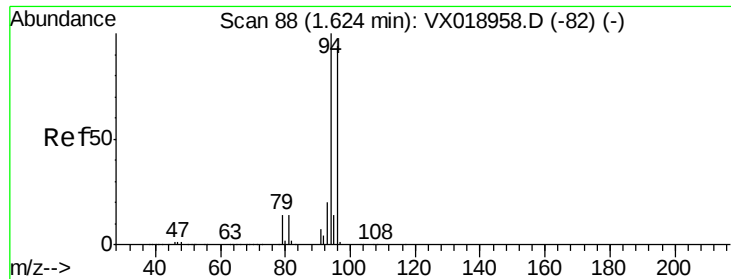
Tgt Ion: 62 Resp: 1240

Ion Ratio Lower Upper

62 100

64 34.9 26.7 40.1





#5

Bromomethane

Concen: 2.334 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

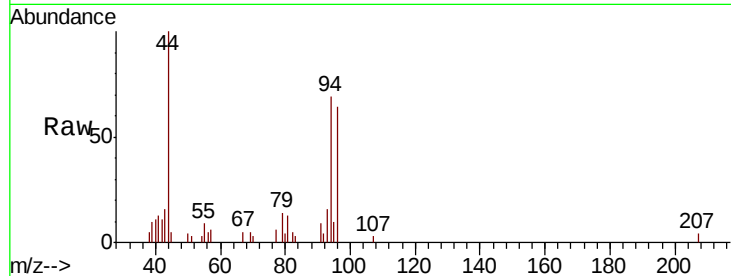
VSTDIC001

Tot Ion: 94 Resp: 1502

Ion Ratio Lower Upper

94 100

96 92.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1200

1000

800

600

400

200

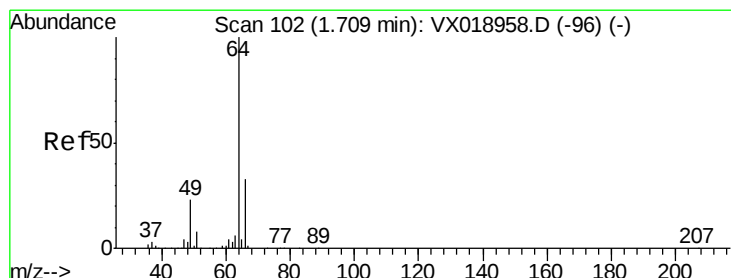
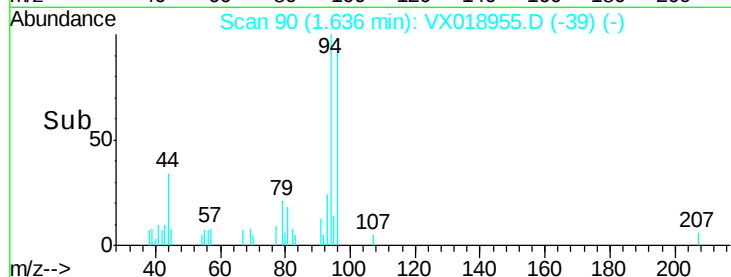
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 1.408 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018955.D

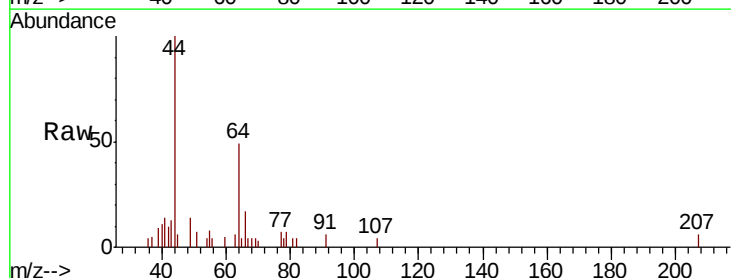
Acq: 19 Oct 2020 16:16

Tgt Ion: 64 Resp: 925

Ion Ratio Lower Upper

64 100

66 33.6 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

800

600

400

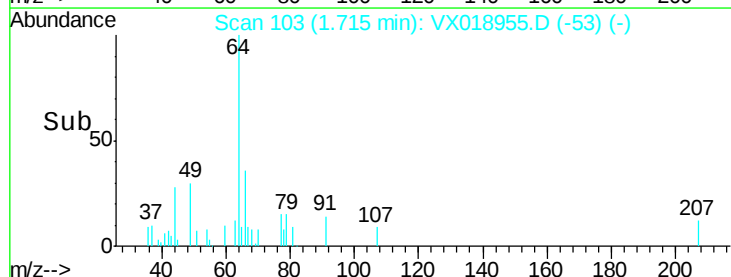
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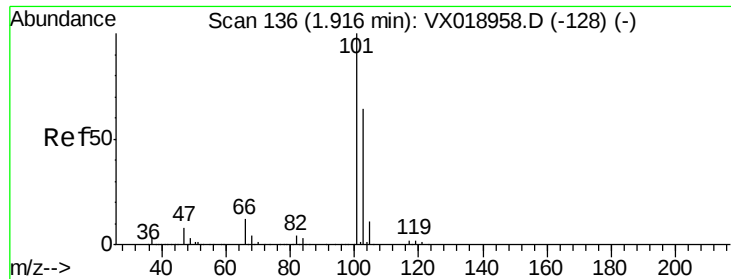
0

1.70

1.75

Time-->



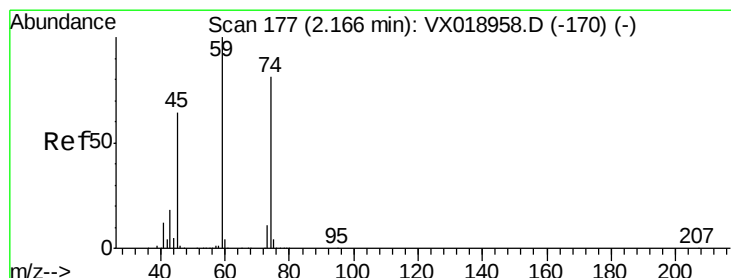
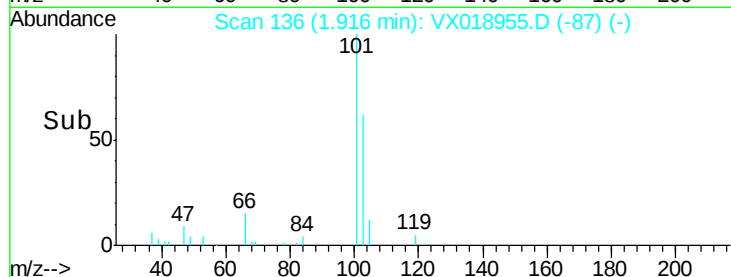
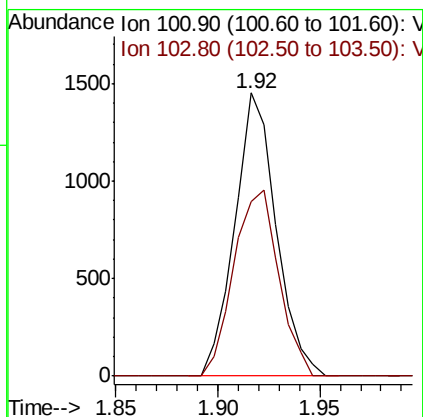
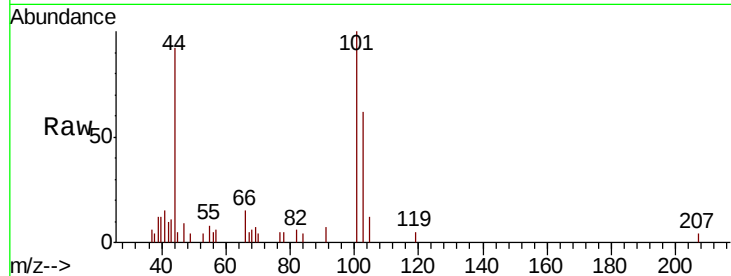


#7

Trichlorofluoromethane
 Concen: 1.251 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

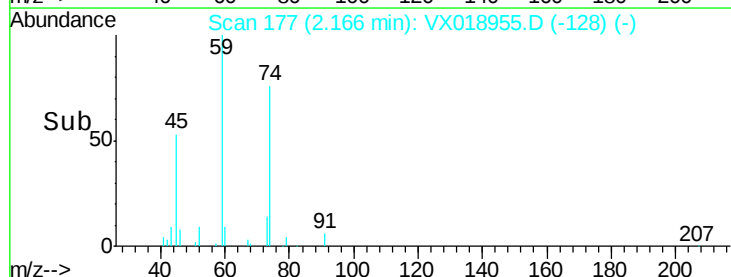
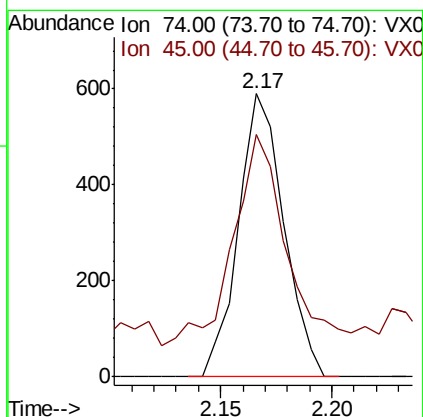
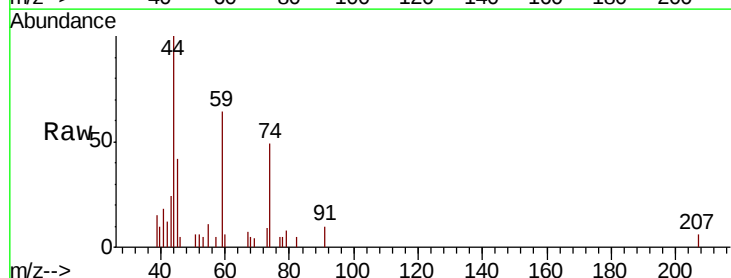
Tot Ion:101 Resp: 2047
 Ion Ratio Lower Upper
 101 100
 103 61.6 51.3 76.9

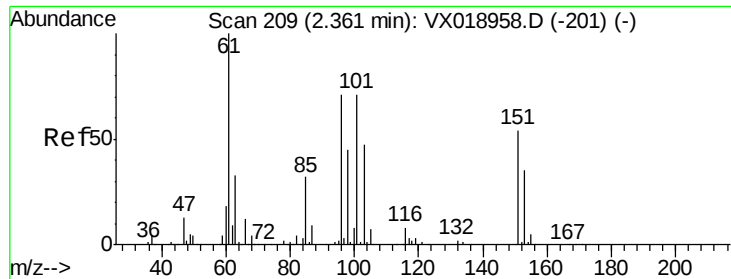


#8

Diethyl Ether
 Concen: 1.457 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

Tgt Ion: 74 Resp: 839
 Ion Ratio Lower Upper
 74 100
 45 77.2 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.350 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

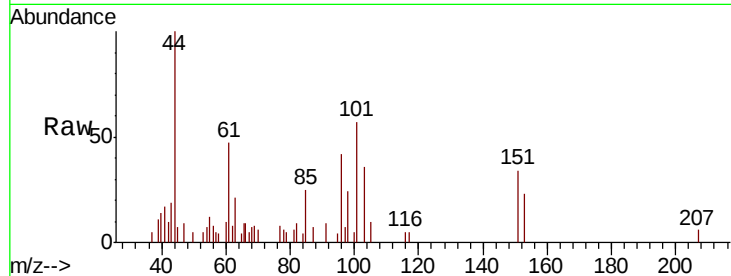
Tot Ion:101 Resp: 1203

Ion Ratio Lower Upper

101 100

85 49.2 35.1 52.7

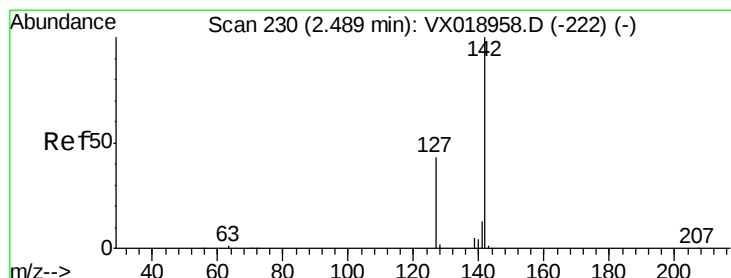
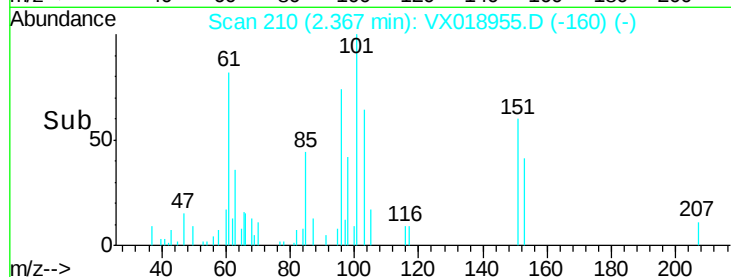
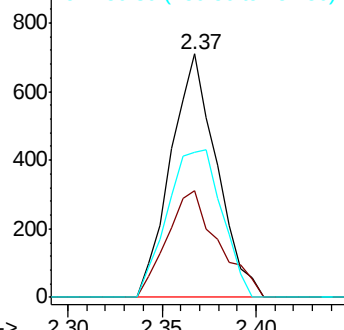
151 71.9 62.1 93.1



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



#10

Methyl Iodide

Concen: 1.104 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

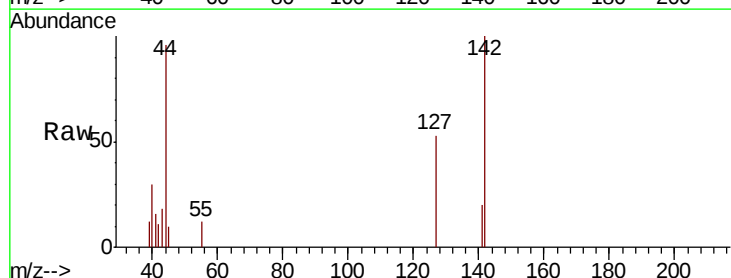
Tgt Ion:142 Resp: 916

Ion Ratio Lower Upper

142 100

127 46.2 35.9 53.9

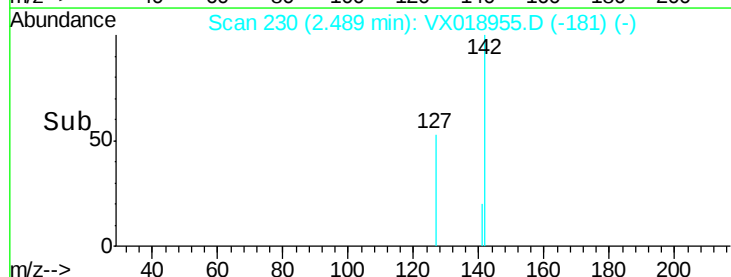
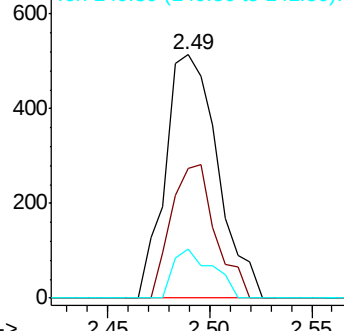
141 15.0 11.6 17.4

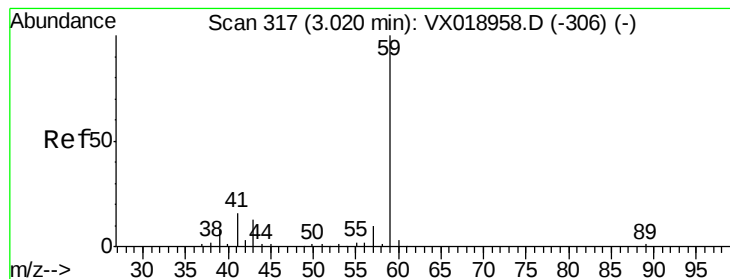


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



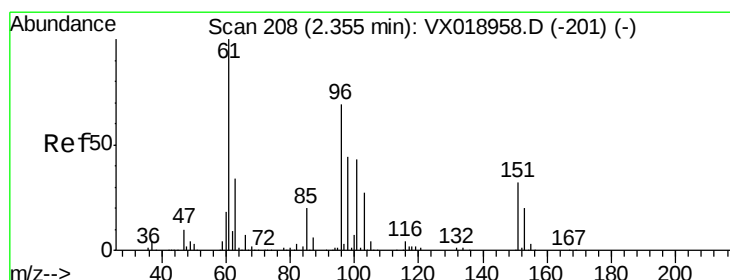
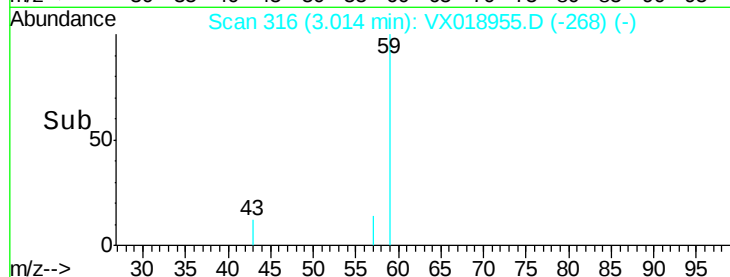
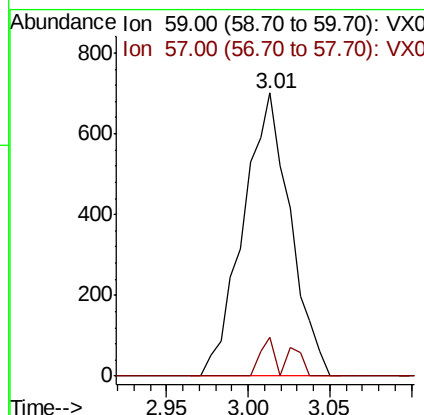
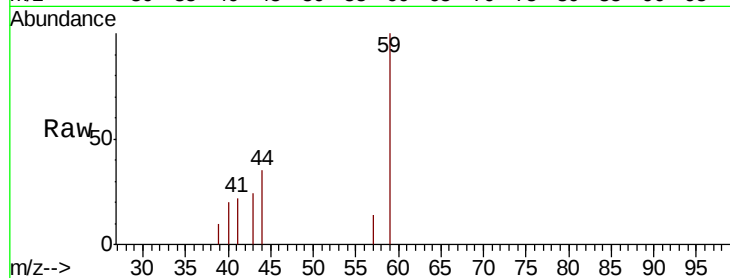


#11

Tert butyl alcohol
 Concen: 5.686 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

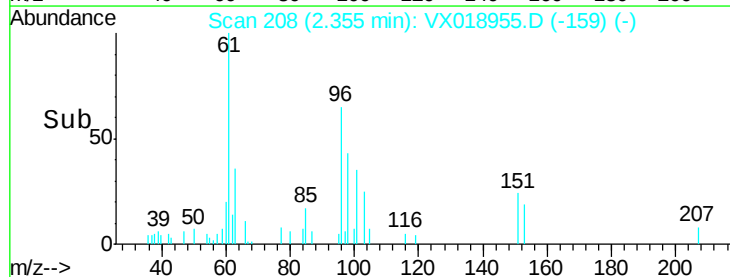
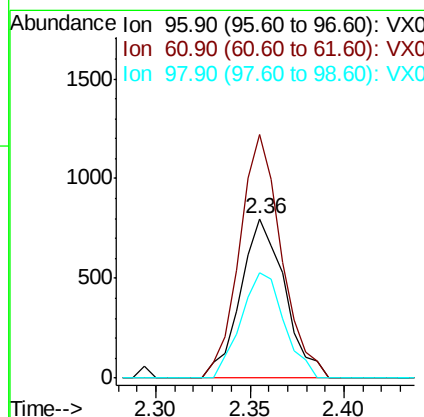
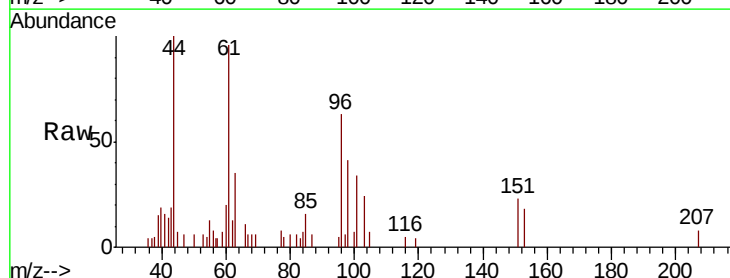
Tot Ion: 59 Resp: 1409
 Ion Ratio Lower Upper
 59 100
 57 4.1 8.1 12.1#

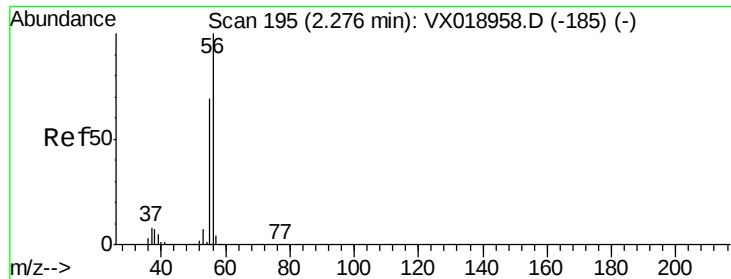


#12

1,1-Dichloroethene
 Concen: 1.401 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

Tgt Ion: 96 Resp: 1303
 Ion Ratio Lower Upper
 96 100
 61 152.8 116.2 174.2
 98 65.7 50.9 76.3





#13

Acrolein

Concen: 7.039 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

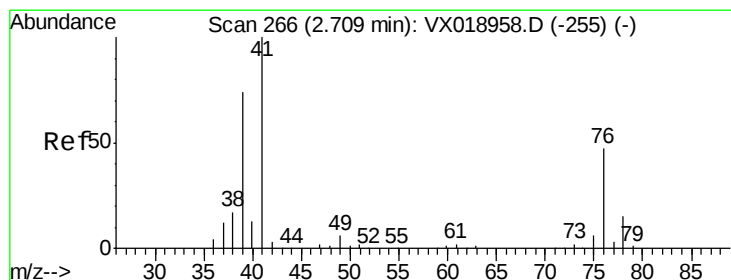
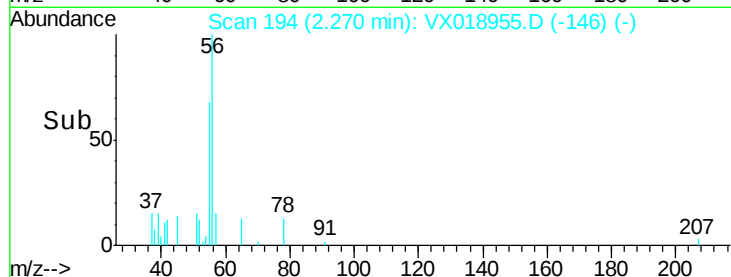
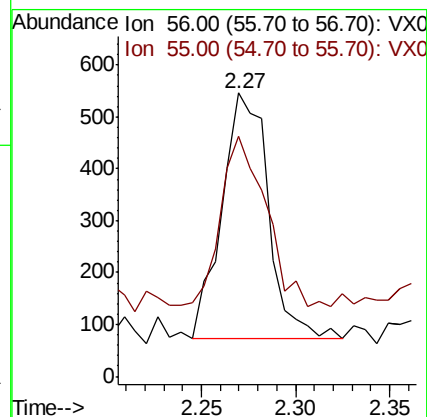
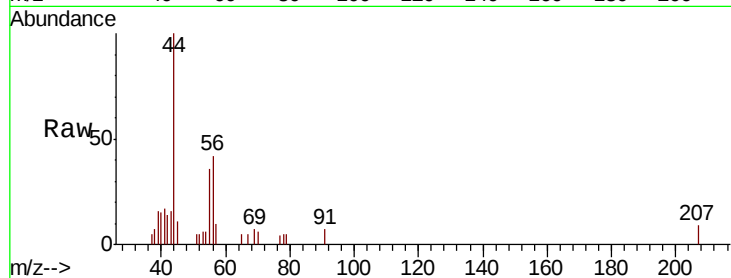
VSTDIC001

Tot Ion: 56 Resp: 812

Ion Ratio Lower Upper

56 100

55 66.7 56.2 84.2



#14

Allyl chloride

Concen: 1.156 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

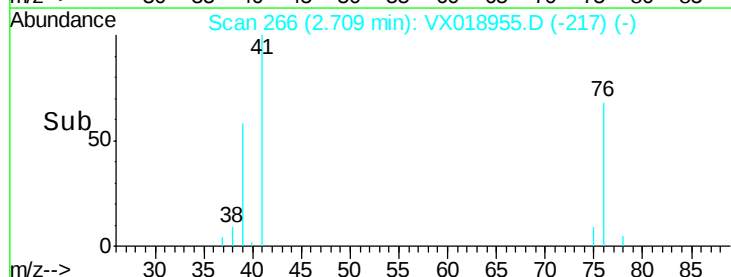
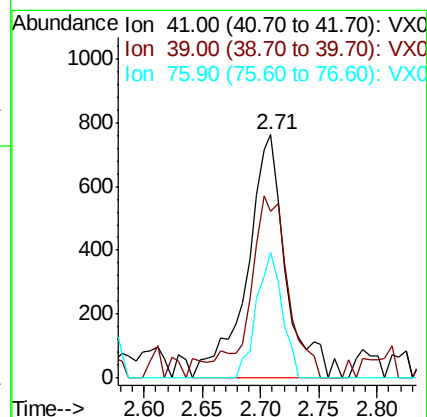
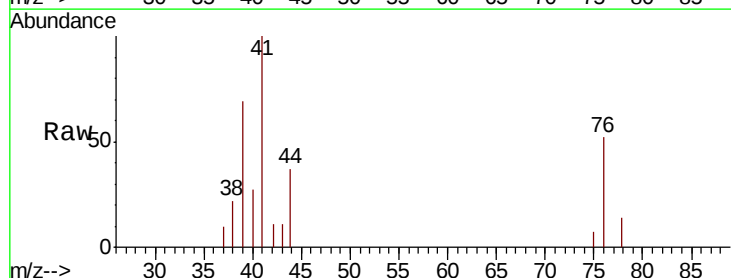
Tgt Ion: 41 Resp: 1768

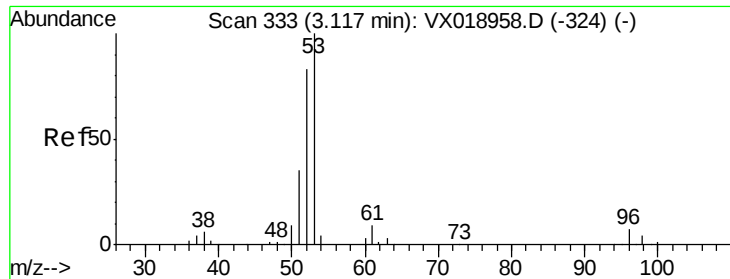
Ion Ratio Lower Upper

41 100

39 76.2 55.4 83.2

76 34.5 34.1 51.1





#15

Acrylonitrile

Concen: 4.781 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

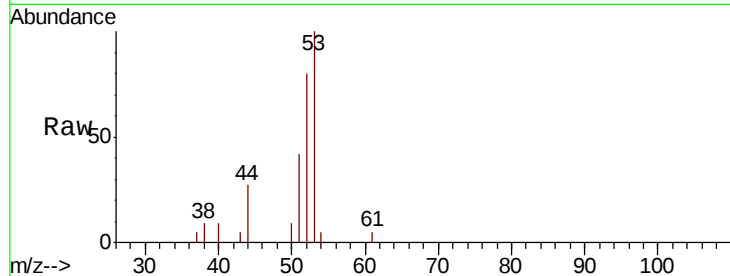
Tot Ion: 53 Resp: 2586

Ion Ratio Lower Upper

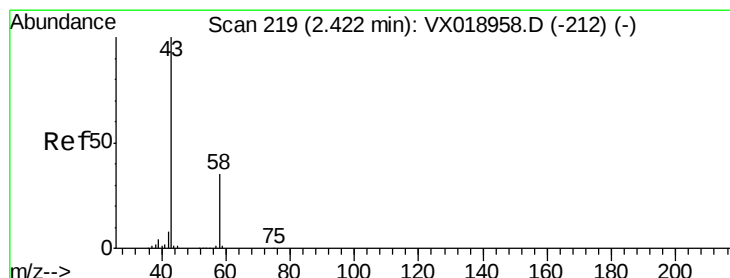
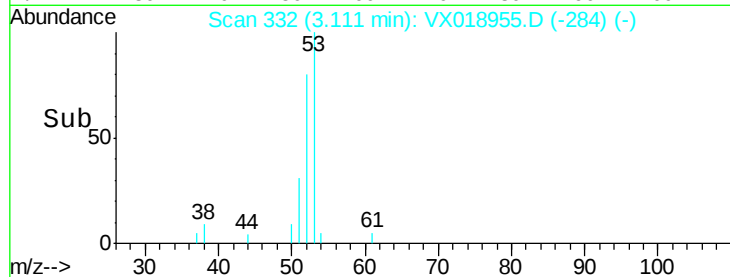
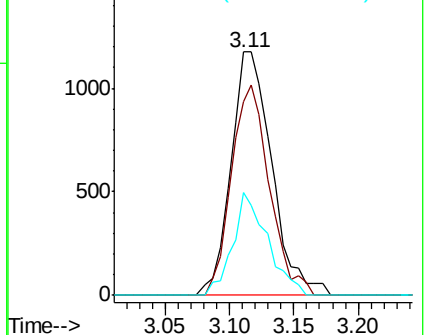
53 100

52 80.8 65.3 97.9

51 36.0 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: 7.453 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018955.D

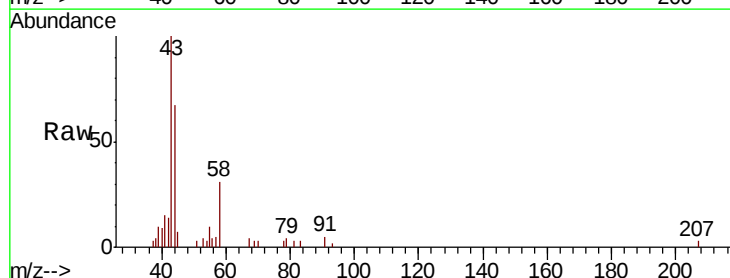
Acq: 19 Oct 2020 16:16

Tgt Ion: 43 Resp: 3586

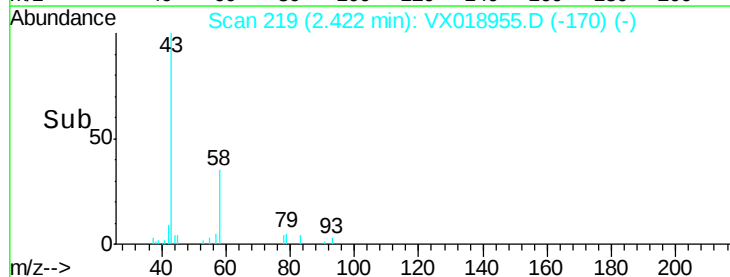
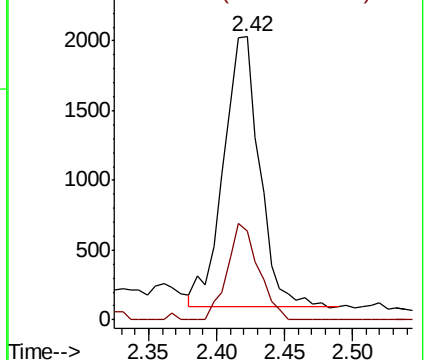
Ion Ratio Lower Upper

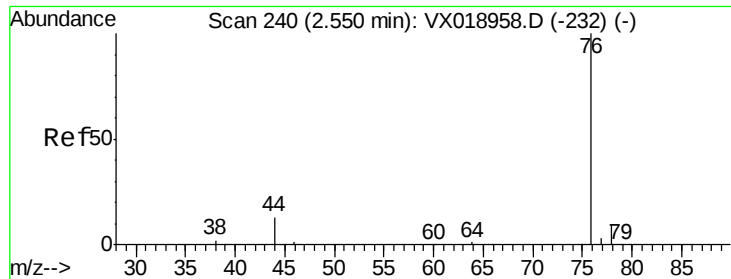
43 100

58 32.7 27.8 41.8



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

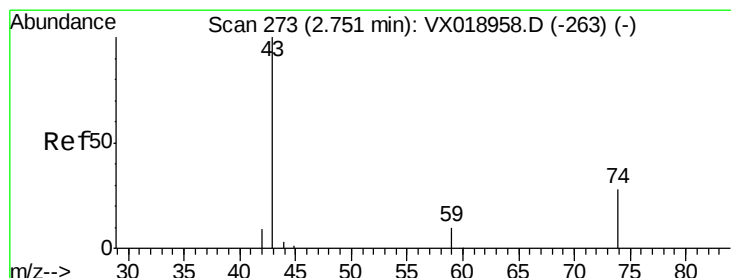
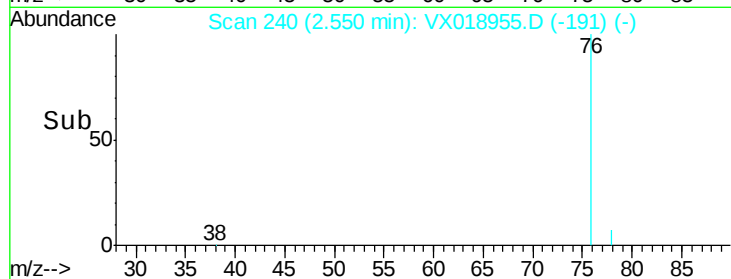
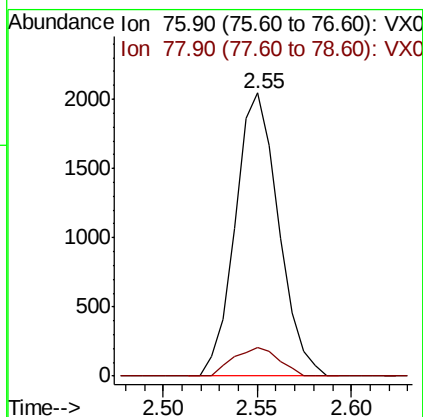
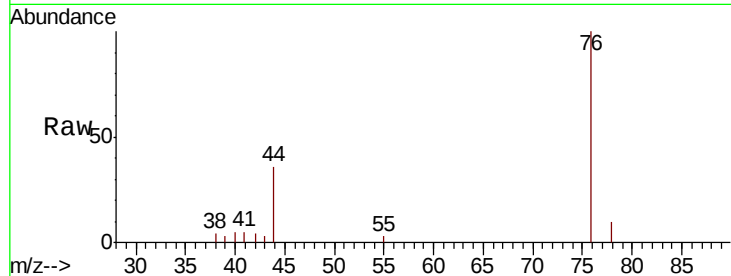




#17
Carbon Disulfide
Concen: 1.228 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

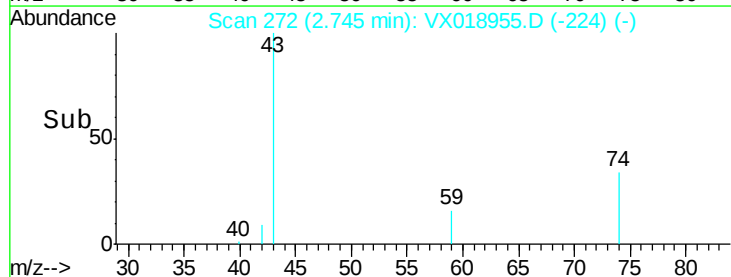
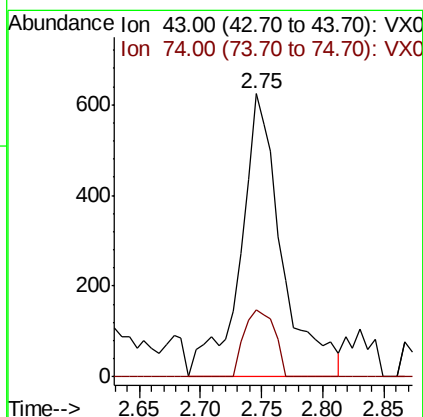
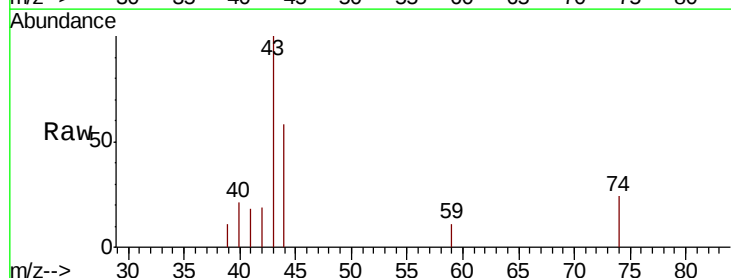
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

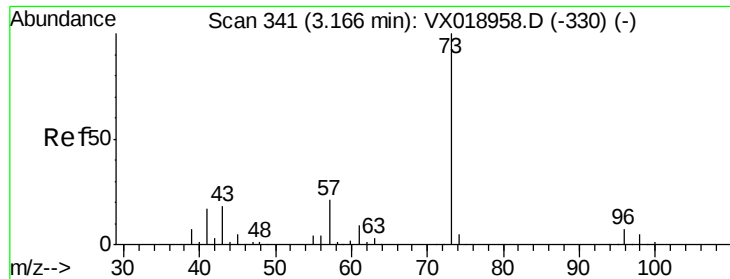
Tot Ion: 76 Resp: 3256
Ion Ratio Lower Upper
76 100
78 10.0 6.9 10.3



#18
Methyl Acetate
Concen: 1.268 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion: 43 Resp: 1468
Ion Ratio Lower Upper
43 100
74 17.4 23.0 34.6#

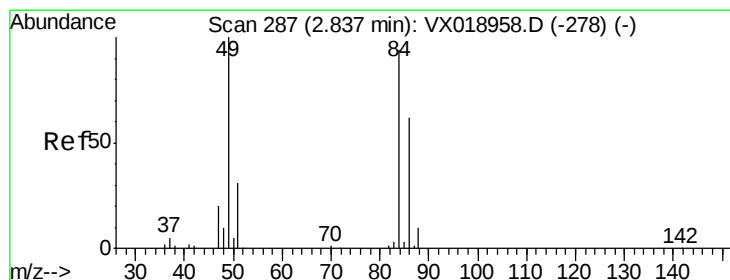
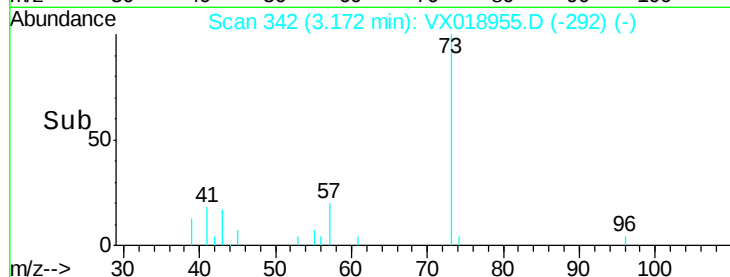
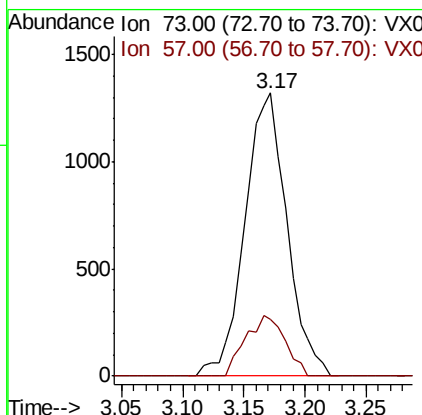
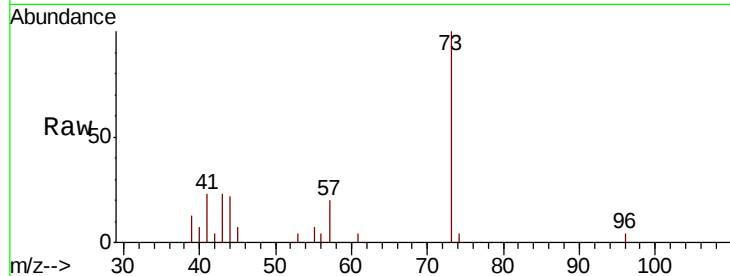




#19
Methyl tert-butyl Ether
Concen: 1.053 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

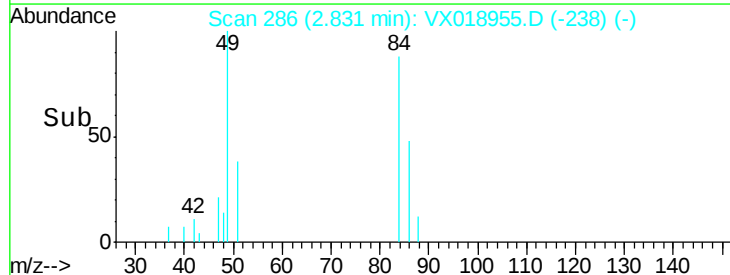
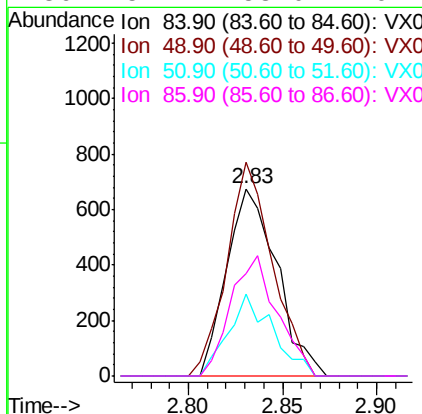
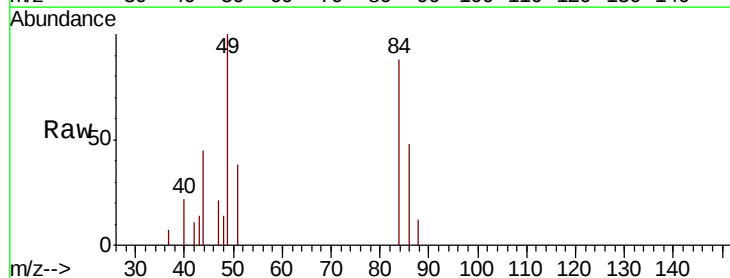
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

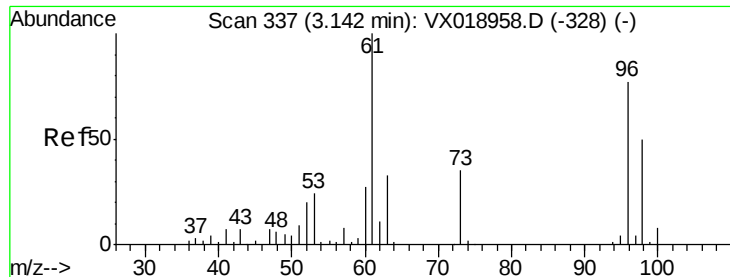
Tot Ion: 73 Resp: 3159
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0



#20
Methylene Chloride
Concen: 1.136 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion: 84 Resp: 1245
Ion Ratio Lower Upper
84 100
49 113.9 85.1 127.7
51 43.5 26.0 39.0#
86 54.4 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 1.174 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

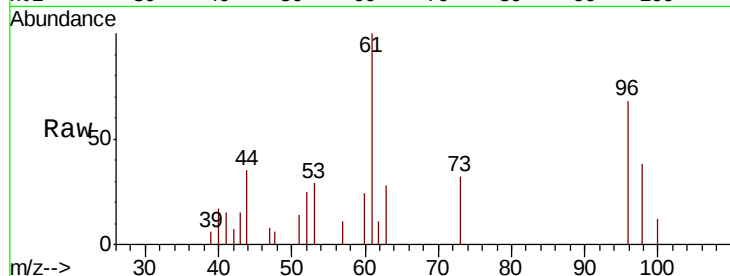
Tot Ion: 96 Resp: 1159

Ion Ratio Lower Upper

96 100

61 146.6 103.4 155.0

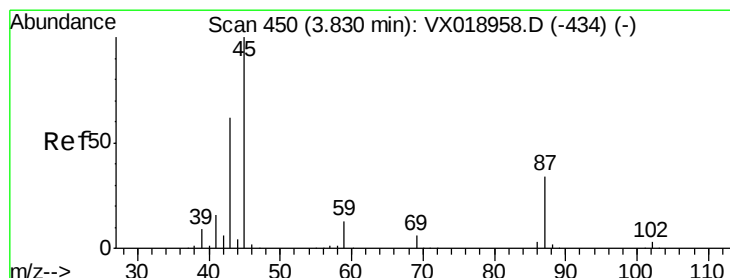
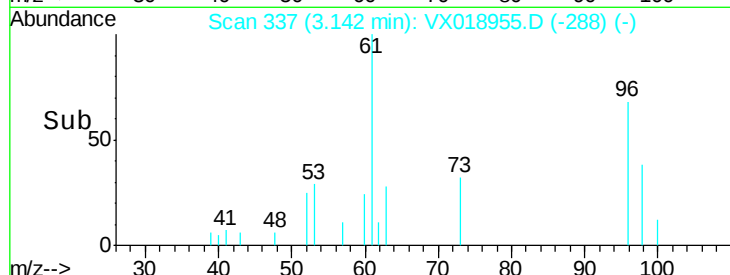
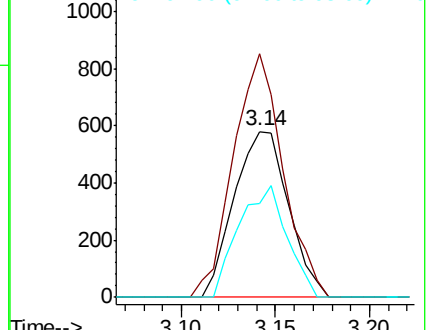
98 56.5 51.7 77.5



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: 0.915 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Tgt Ion: 45 Resp: 2768

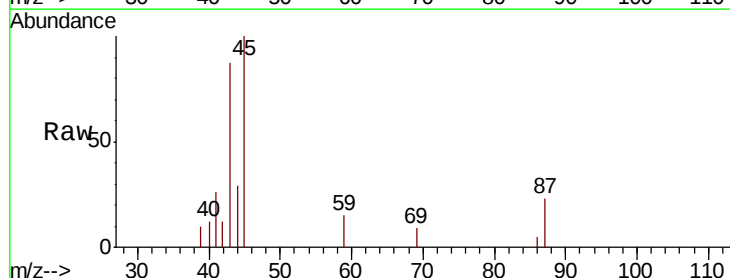
Ion Ratio Lower Upper

45 100

43 79.7 49.7 74.5#

87 23.0 27.4 41.2#

59 15.1 10.1 15.1

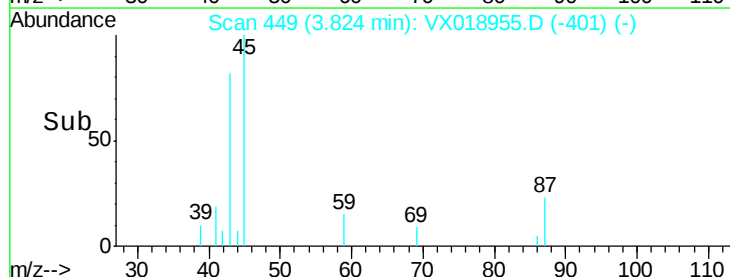
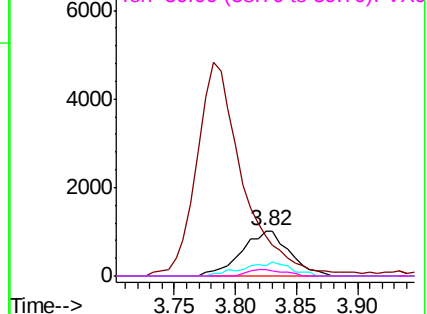


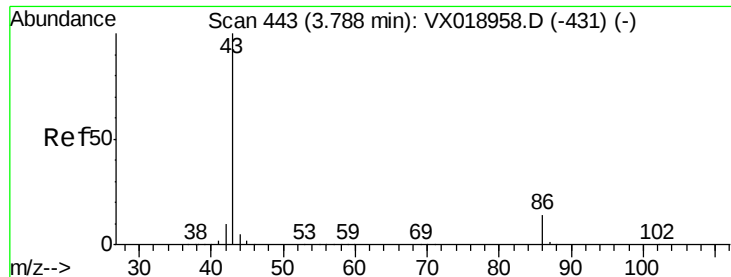
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 4.698 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

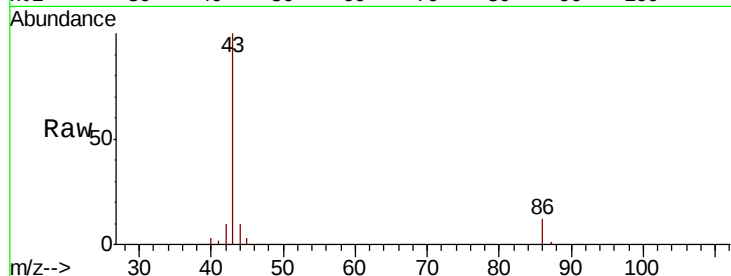
VSTDIC001

Tot Ion: 43 Resp: 12774

Ion Ratio Lower Upper

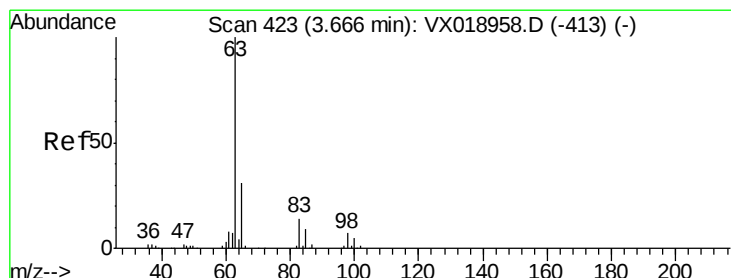
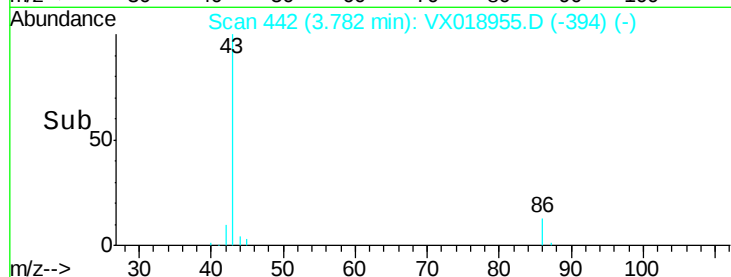
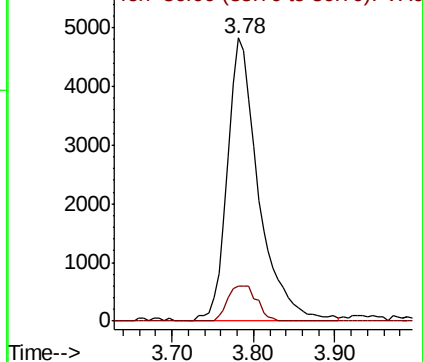
43 100

86 12.4 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.064 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

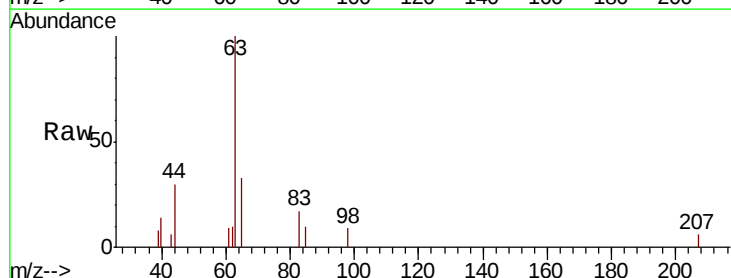
Tgt Ion: 63 Resp: 1886

Ion Ratio Lower Upper

63 100

98 9.1 3.6 10.9

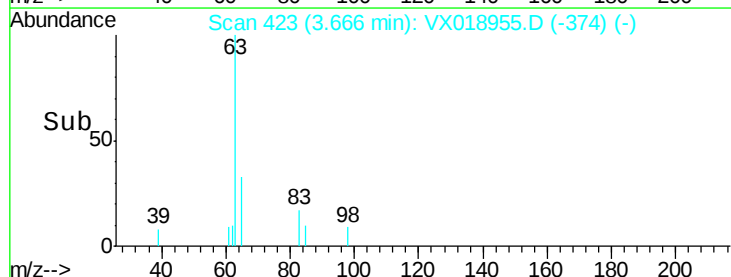
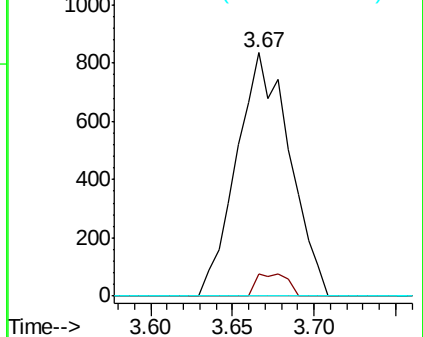
100 0.0 2.4 7.1#

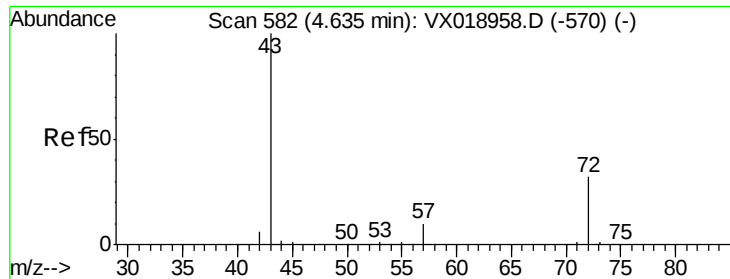


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

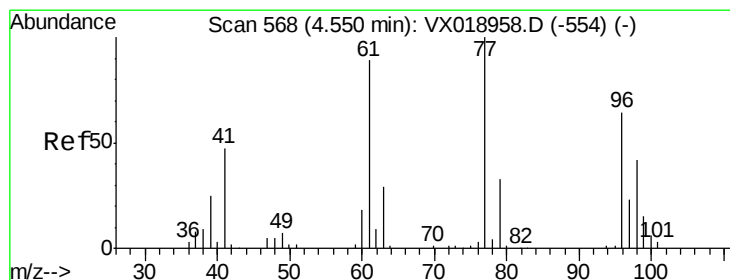
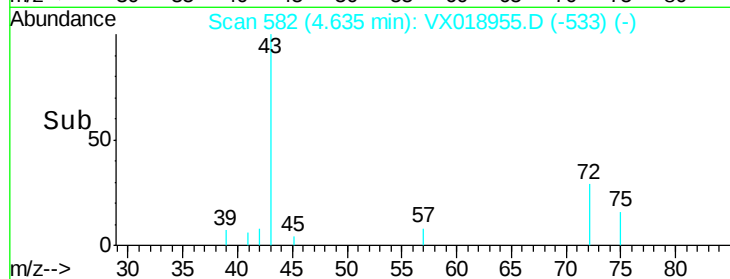
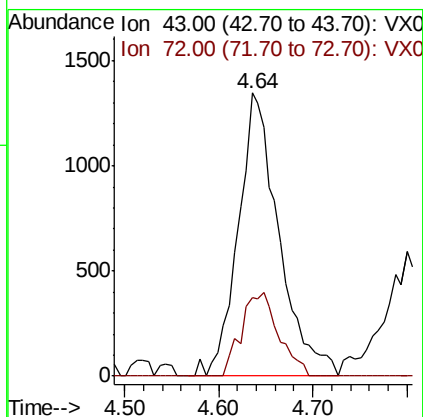
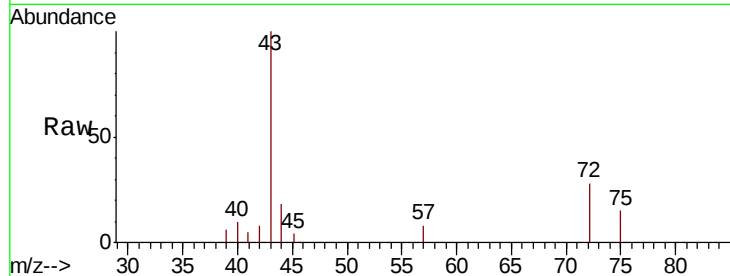




#25
2-Butanone
Concen: 5.167 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

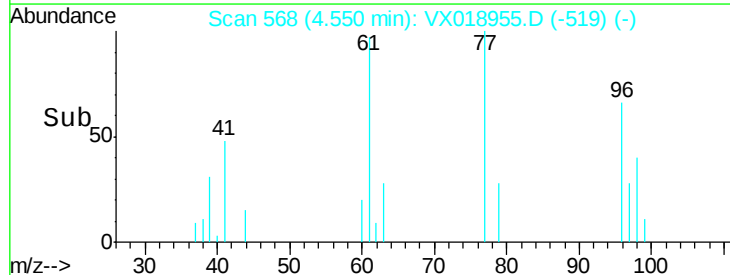
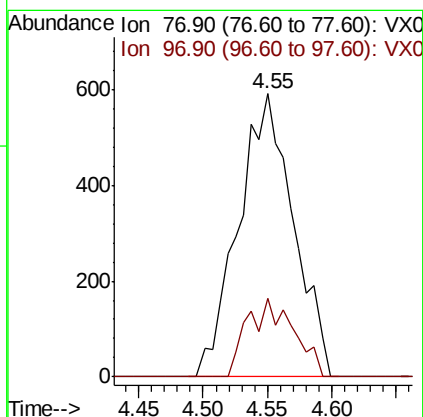
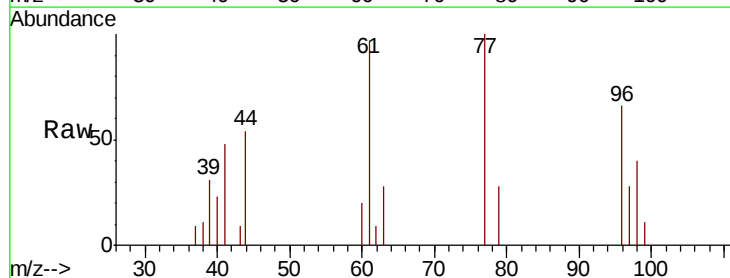
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

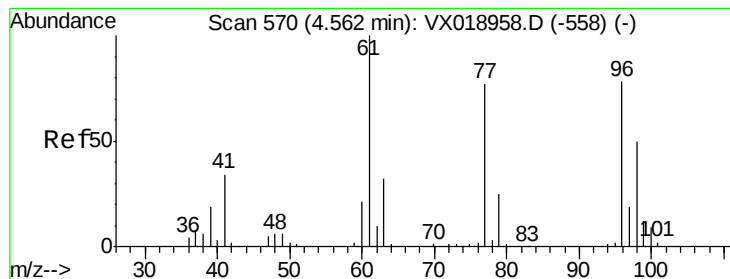
Tot Ion: 43 Resp: 4066
Ion Ratio Lower Upper
43 100
72 27.6 25.8 38.6



#26
2,2-Dichloropropane
Concen: 1.181 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion: 77 Resp: 1753
Ion Ratio Lower Upper
77 100
97 8.3 11.6 34.8#



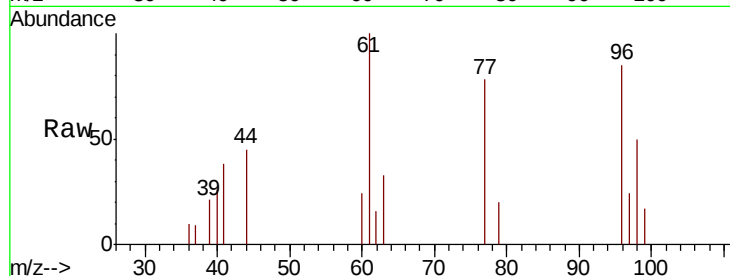


#27

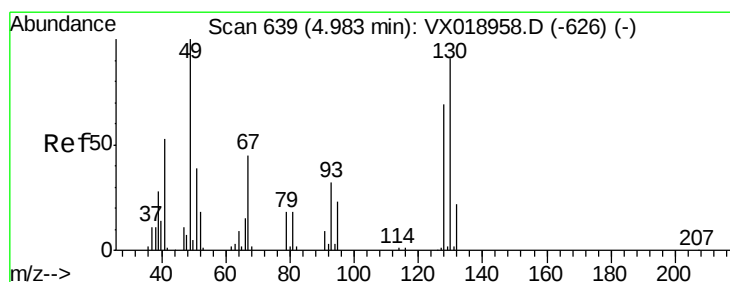
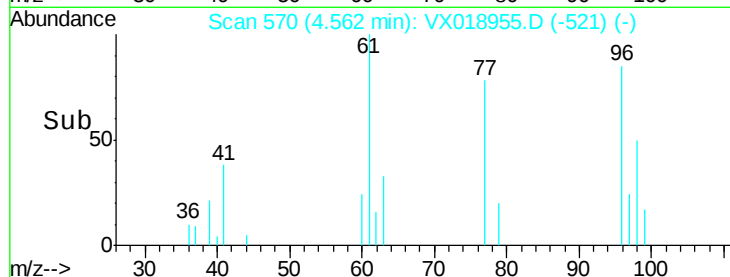
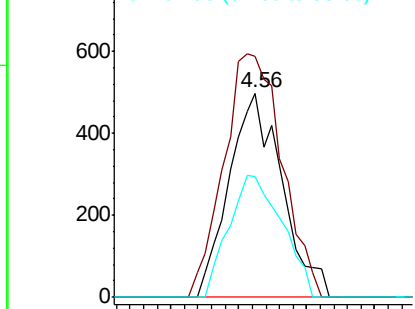
cis-1,2-Dichloroethene
Concen: 1.179 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 96 Resp: 1351
Ion Ratio Lower Upper
96 100
61 131.2 0.0 265.2
98 60.3 0.0 128.4



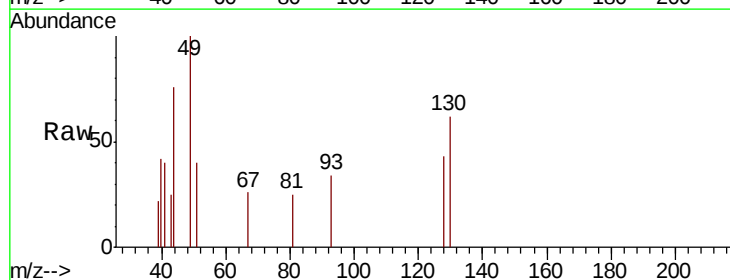
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



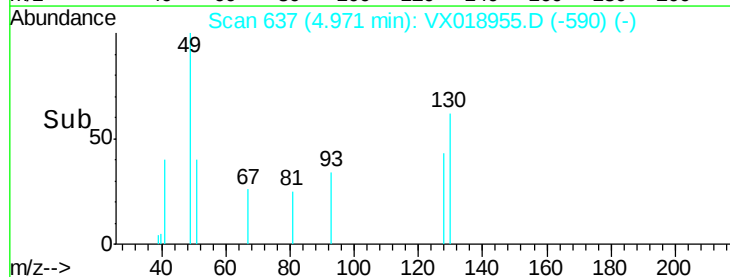
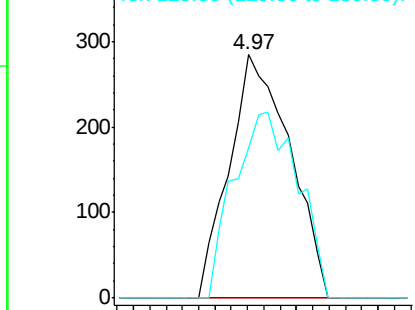
#28

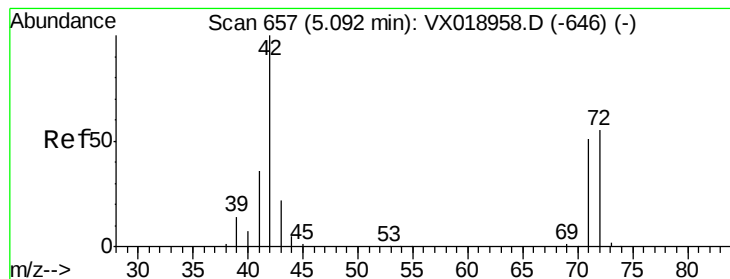
Bromochloromethane
Concen: 0.874 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion: 49 Resp: 737
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 81.1 72.0 108.0



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





#29

Tetrahydrofuran

Concen: 4.862 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

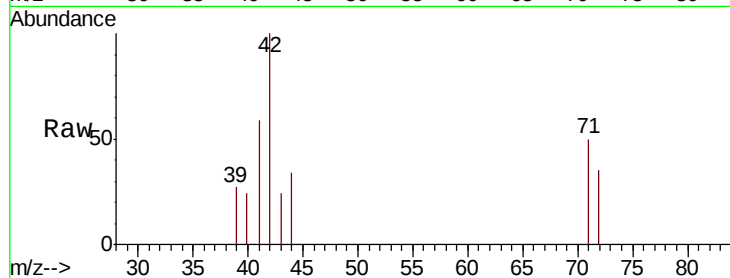
Tot Ion: 42 Resp: 2401

Ion Ratio Lower Upper

42 100

72 48.5 44.9 67.3

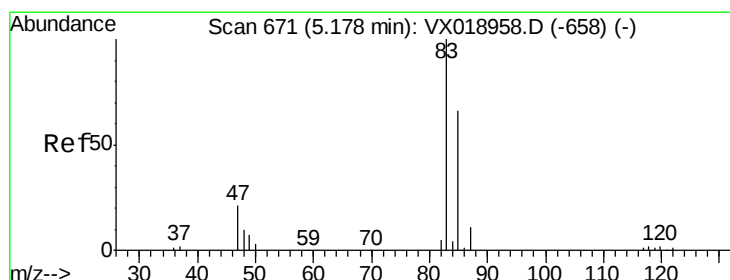
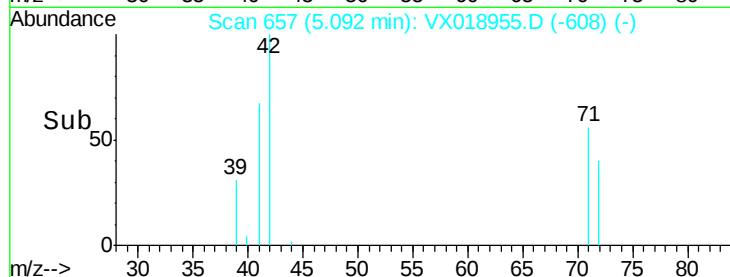
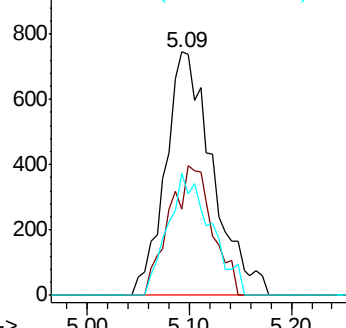
71 45.5 41.0 61.6



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: 1.080 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018955.D

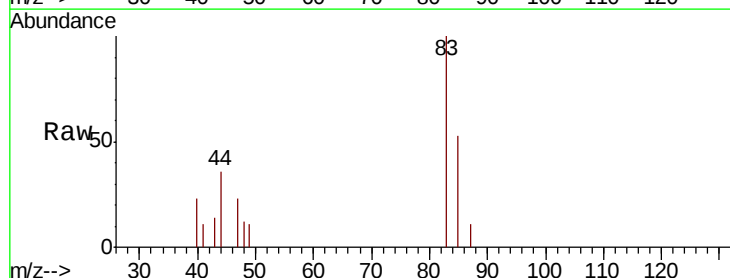
Acq: 19 Oct 2020 16:16

Tgt Ion: 83 Resp: 2003

Ion Ratio Lower Upper

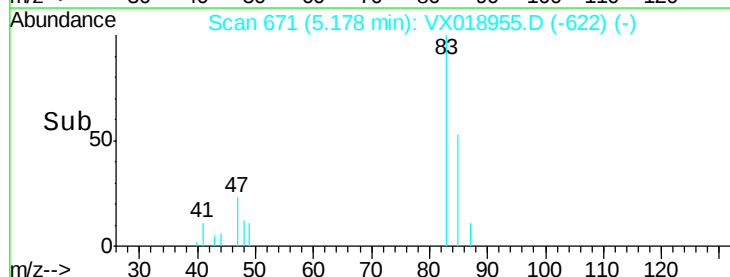
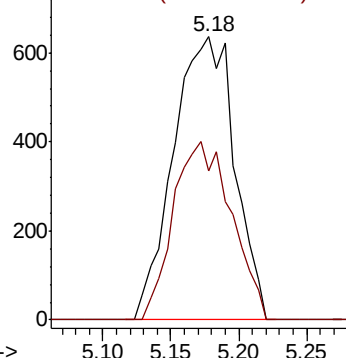
83 100

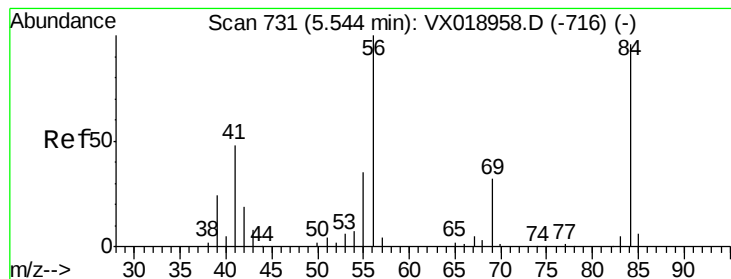
85 52.8 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 1.122 ug/l

RT: 5.54 min Scan# 730

Delta R.T. -0.01 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

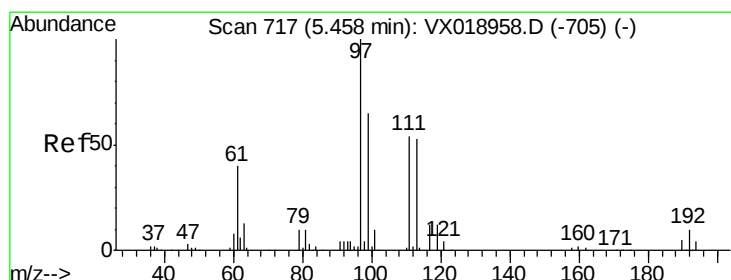
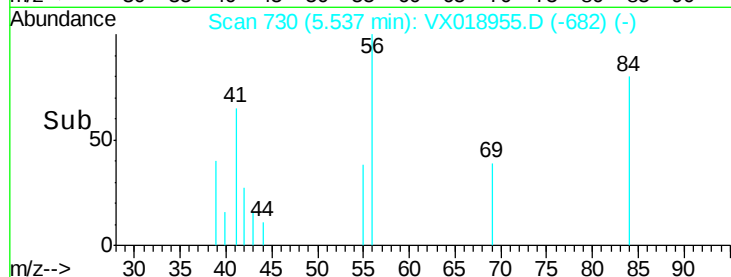
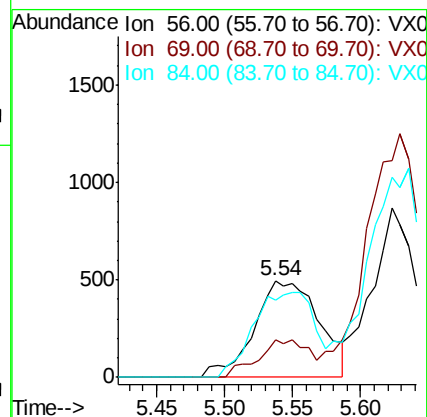
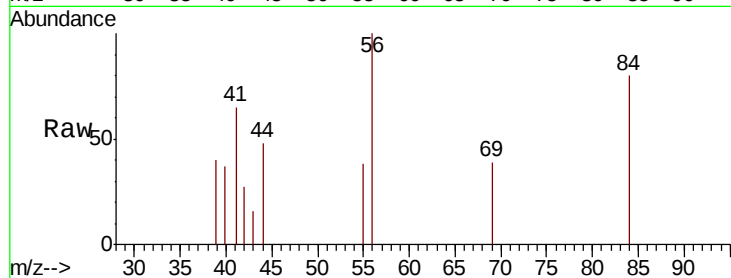
Tot Ion: 56 Resp: 1659

Ion Ratio Lower Upper

56 100

69 39.4 25.4 38.0#

84 79.5 75.4 113.0



#32

1,1,1-Trichloroethane

Concen: 1.056 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

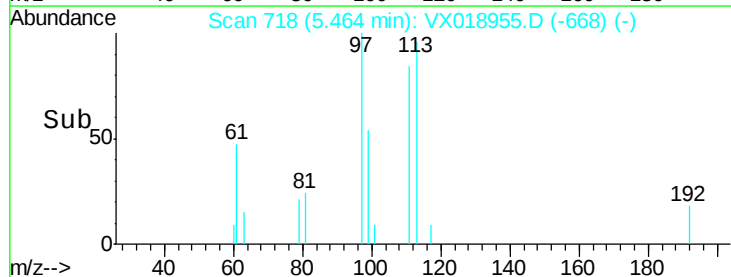
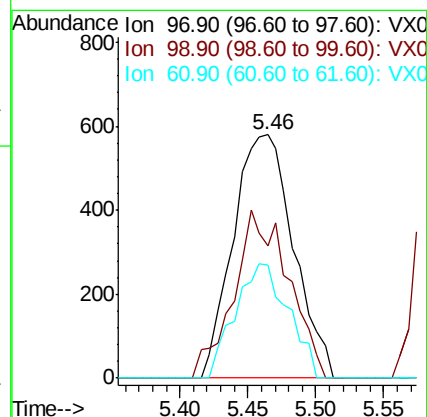
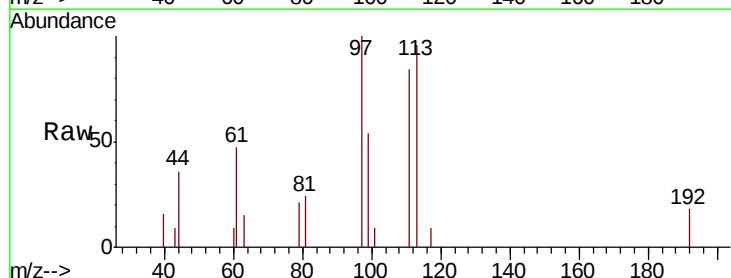
Tgt Ion: 97 Resp: 1796

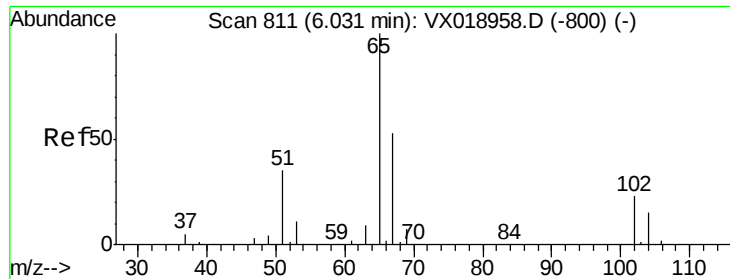
Ion Ratio Lower Upper

97 100

99 0.0 50.5 75.7#

61 41.4 32.3 48.5





#33

1,2-Dichloroethane-d4

Concen: 1.597 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

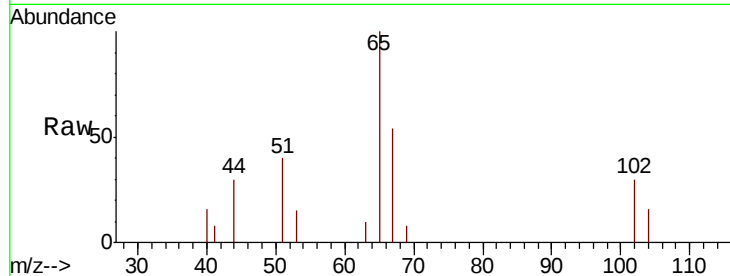
VSTDIC001

Tot Ion: 65 Resp: 1957

Ion Ratio Lower Upper

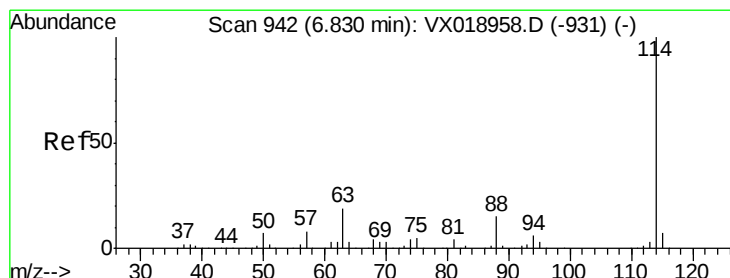
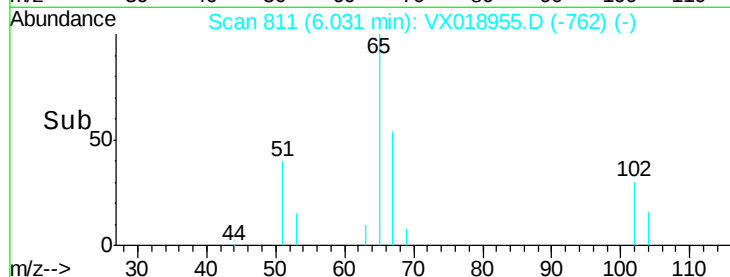
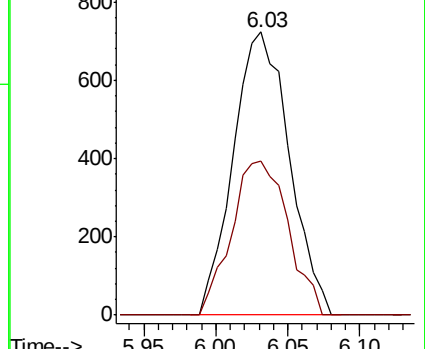
65 100

67 54.8 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: VX018955.D

Acq: 19 Oct 2020 16:16

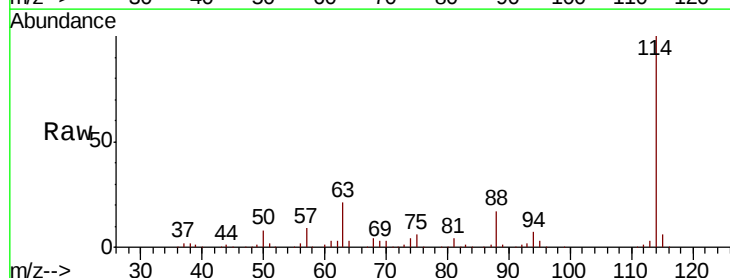
Tgt Ion: 114 Resp: 158847

Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.0

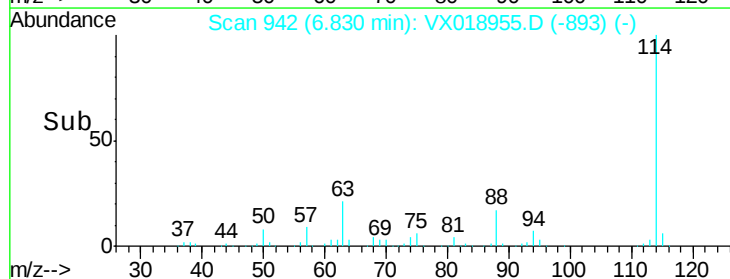
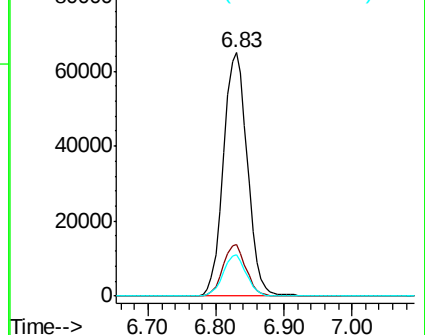
88 17.0 0.0 30.8

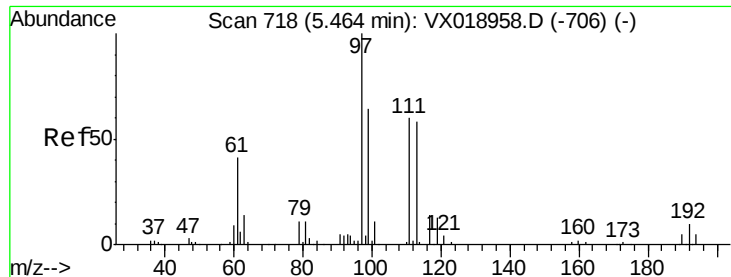


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.361 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

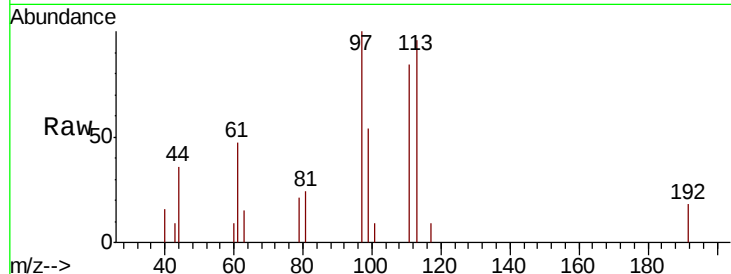
Tot Ion:113 Resp: 1437

Ion Ratio Lower Upper

113 100

111 98.4 80.8 121.2

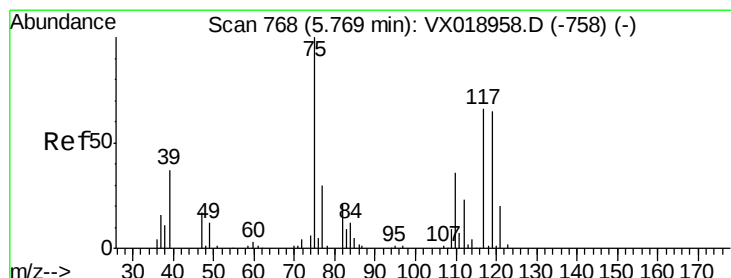
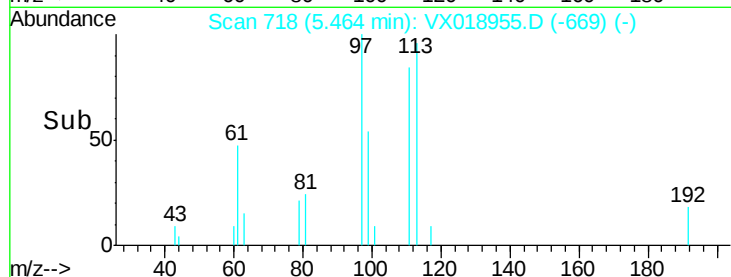
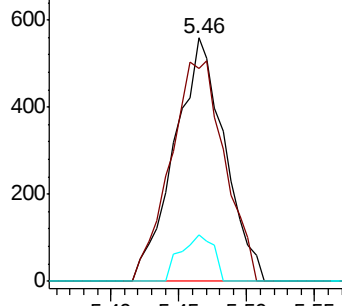
192 12.7 14.5 21.7#



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: 1.133 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

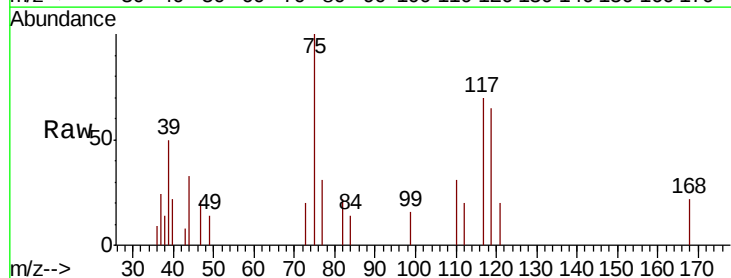
Tgt Ion: 75 Resp: 1657

Ion Ratio Lower Upper

75 100

110 32.0 18.3 54.8

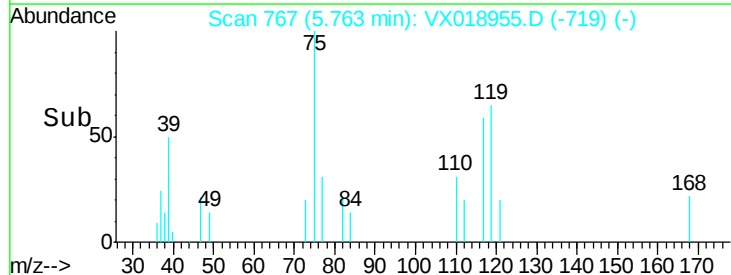
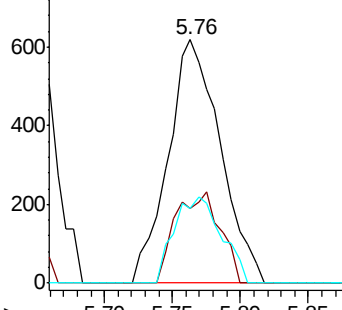
77 32.0 25.0 37.4

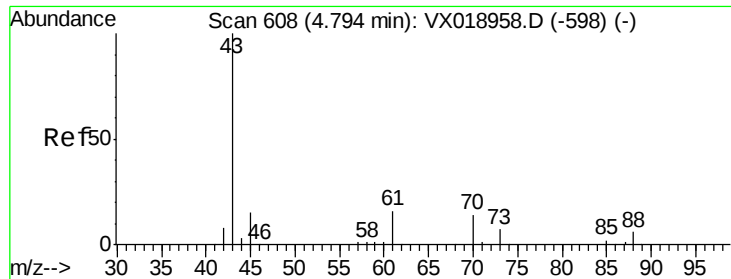


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

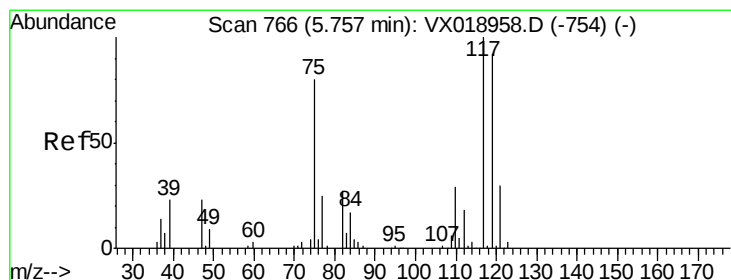
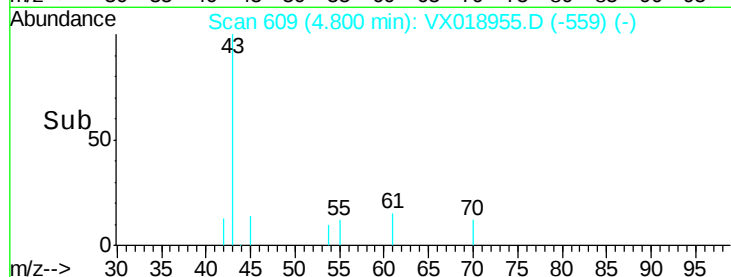
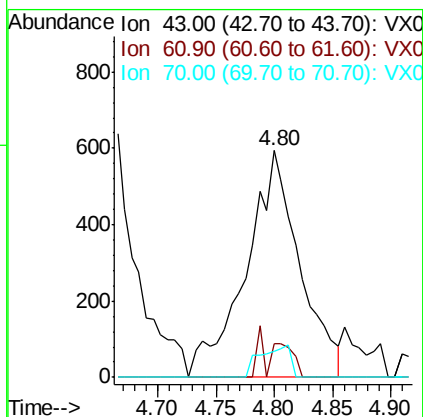
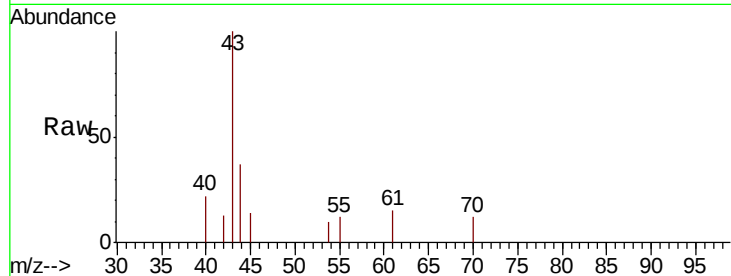




#37
Ethyl Acetate
Concen: 1.148 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

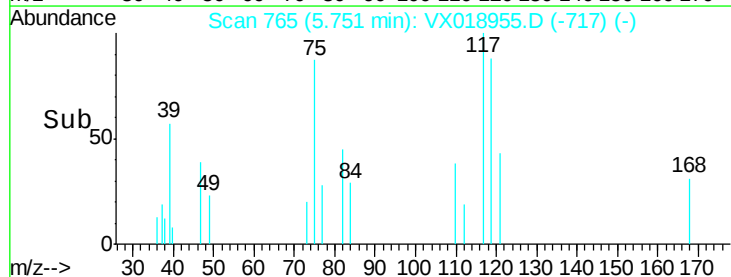
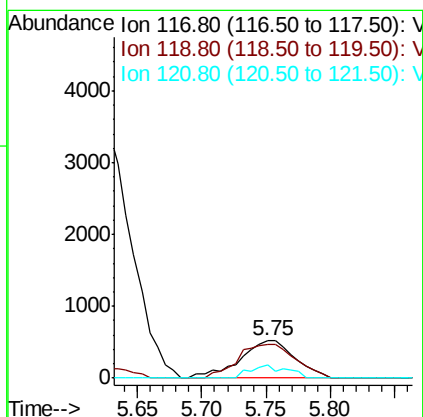
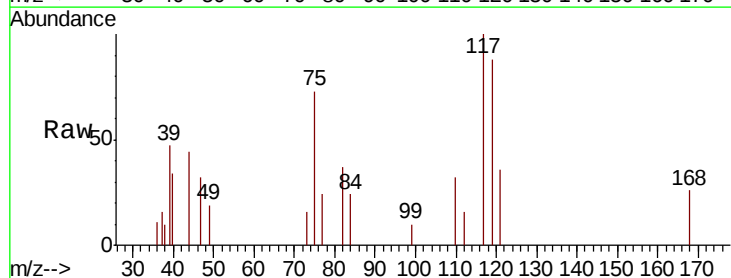
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

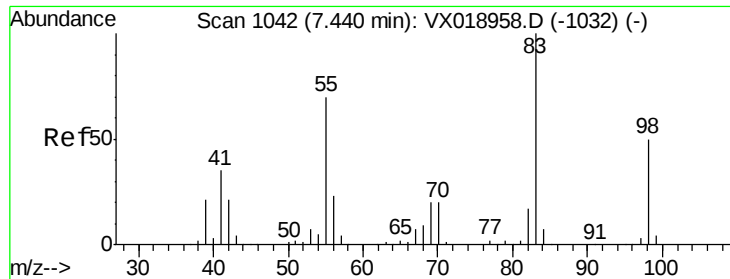
Tot Ion: 43 Resp: 1904
Ion Ratio Lower Upper
43 100
61 6.0 12.7 19.1#
70 7.8 10.6 15.8#



#38
Carbon Tetrachloride
Concen: 0.948 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion: 117 Resp: 1547
Ion Ratio Lower Upper
117 100
119 88.3 73.2 109.8
121 35.5 23.5 35.3#

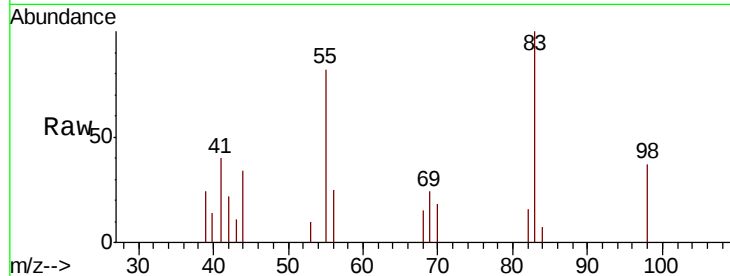




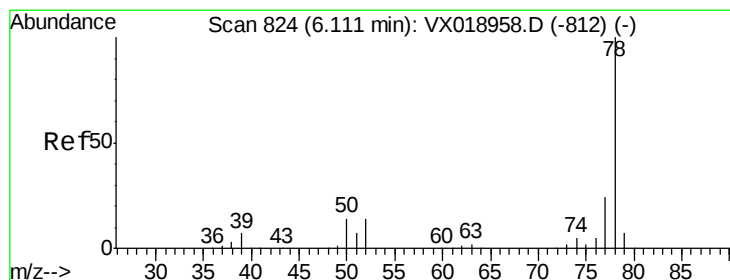
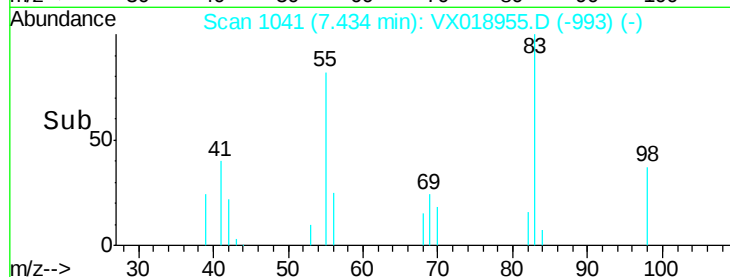
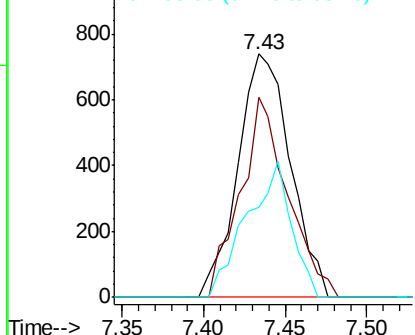
#39
Methvlcvclohexane
Concen: 1.033 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 1651
Ion Ratio Lower Upper
83 100
55 82.3 56.3 84.5
98 37.2 39.8 59.6#

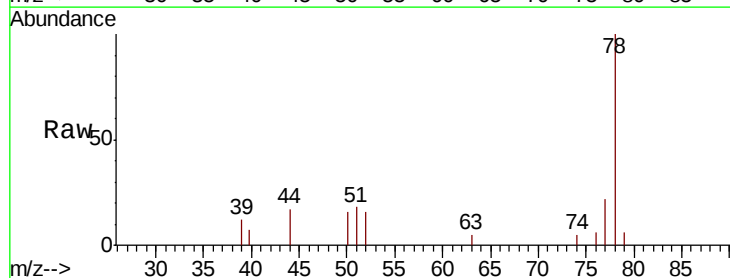


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

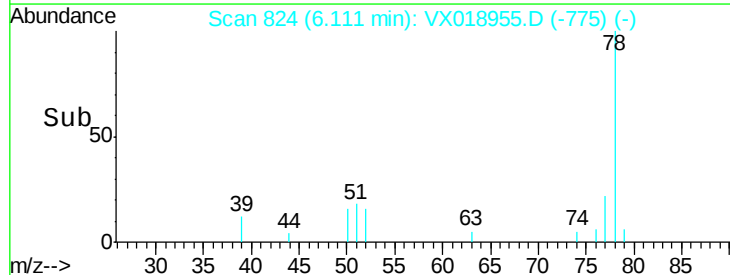
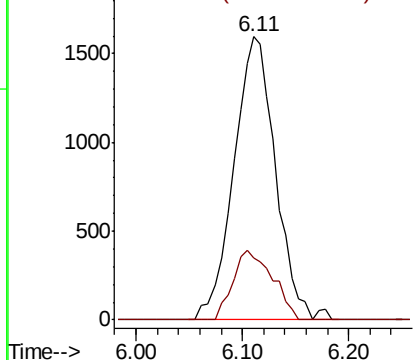


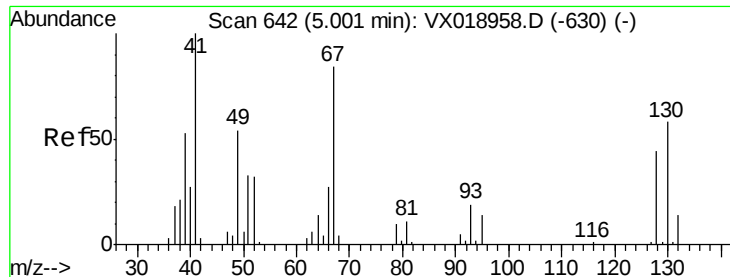
#40
Benzene
Concen: 1.012 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion: 78 Resp: 4371
Ion Ratio Lower Upper
78 100
77 21.9 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: 1.039 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 41 Resp: 941

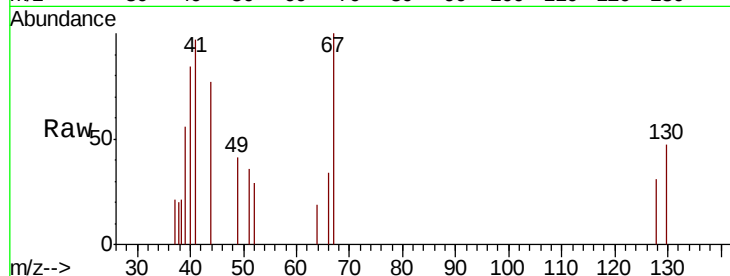
Ion Ratio Lower Upper

41 100

39 61.7 43.7 65.5

67 79.0 70.9 106.3

52 3.1 27.0 40.6#

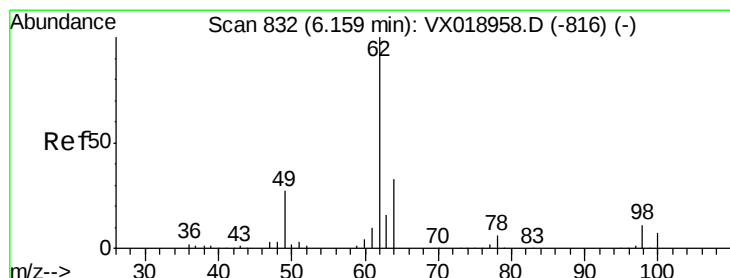
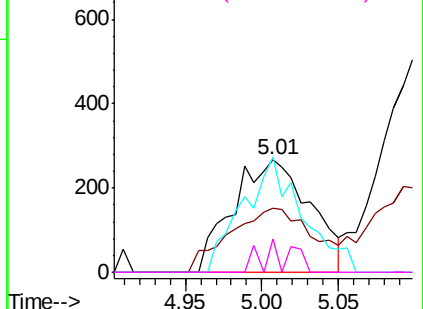
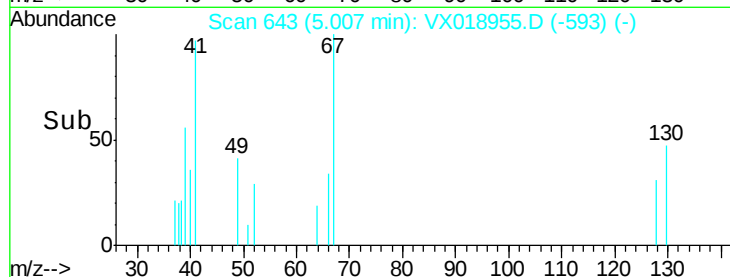


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.902 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX018955.D

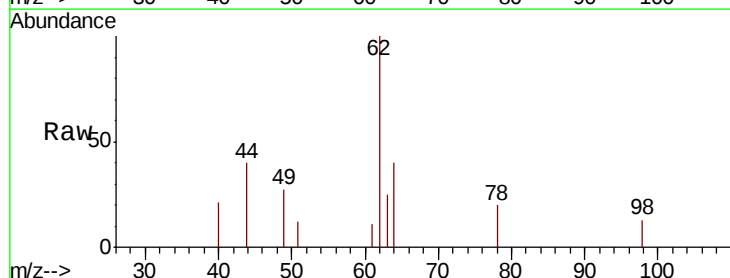
Acq: 19 Oct 2020 16:16

Tgt Ion: 62 Resp: 1469

Ion Ratio Lower Upper

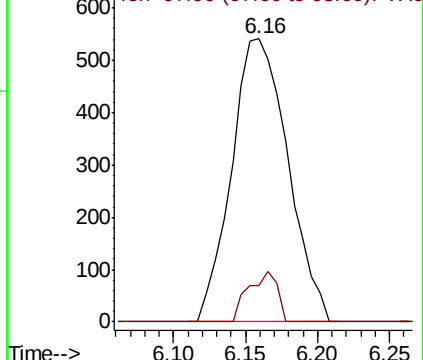
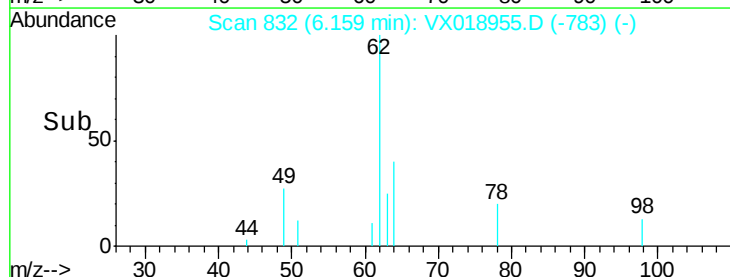
62 100

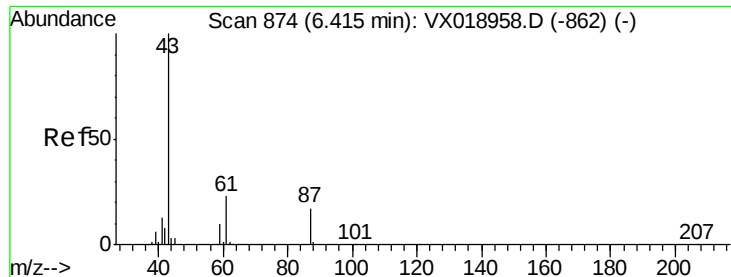
98 9.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.008 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

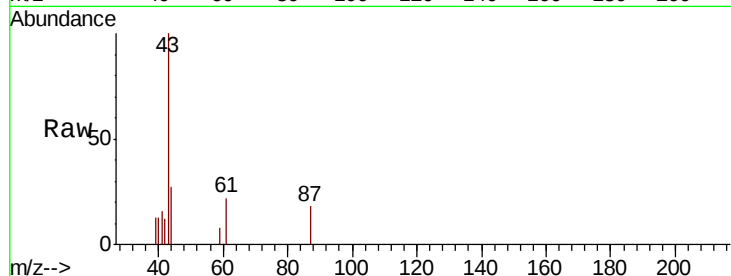
Tot Ion: 43 Resp: 2700

Ion Ratio Lower Upper

43 100

61 18.3 18.3 27.5#

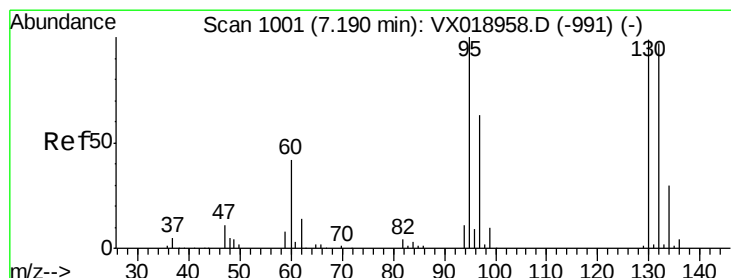
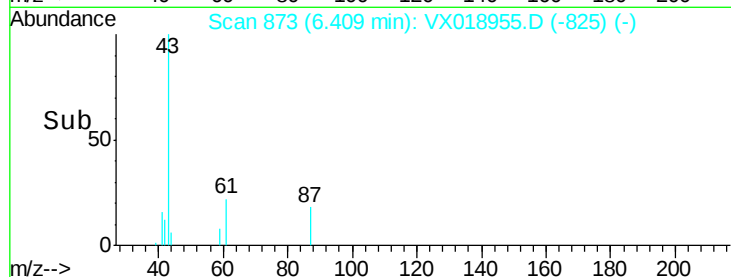
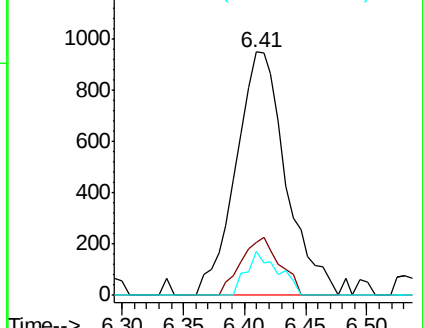
87 11.4 13.4 20.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.021 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018955.D

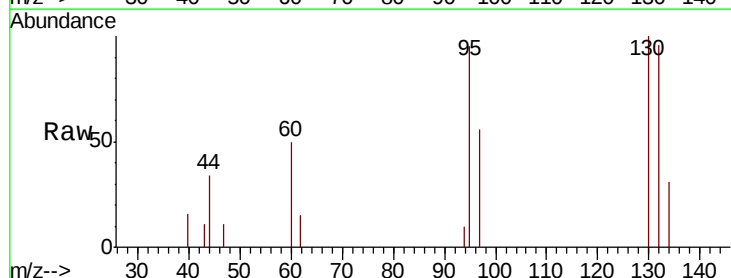
Acq: 19 Oct 2020 16:16

Tgt Ion: 130 Resp: 1232

Ion Ratio Lower Upper

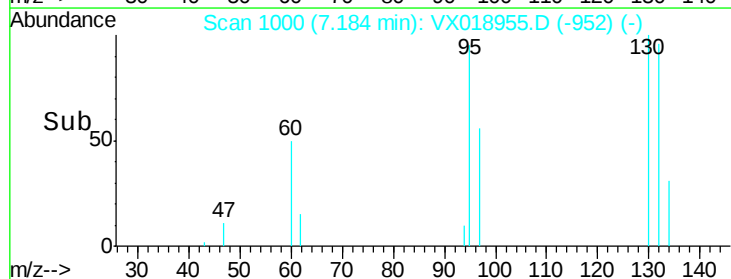
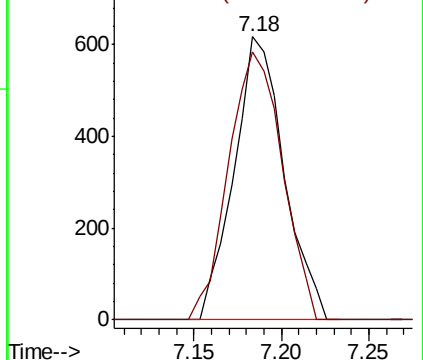
130 100

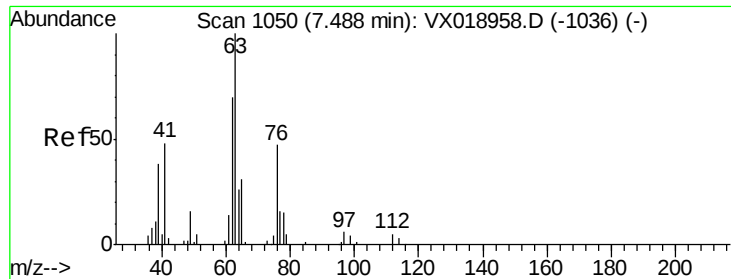
95 94.8 0.0 201.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 1.019 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

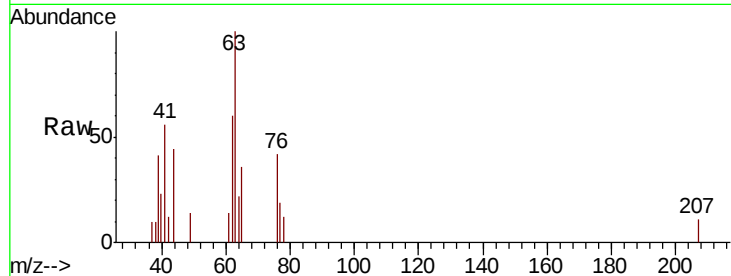
VSTDIC001

Tot Ion: 63 Resp: 1163

Ion Ratio Lower Upper

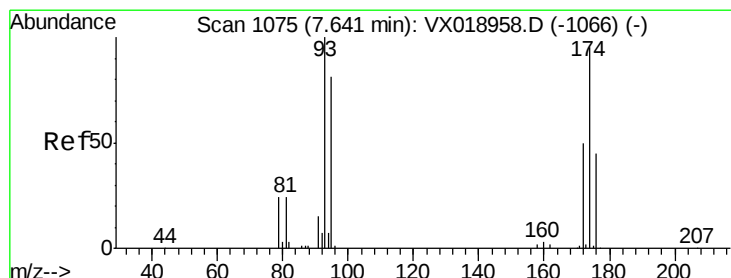
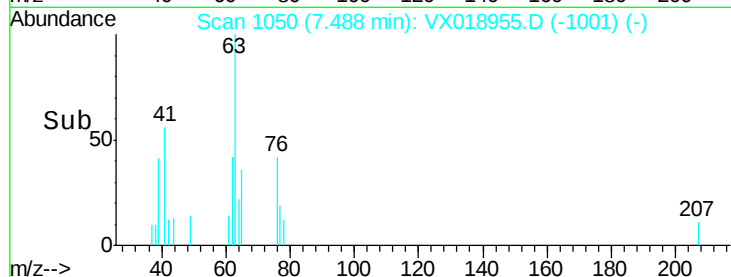
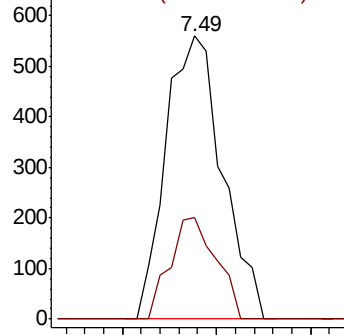
63 100

65 36.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 0.967 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

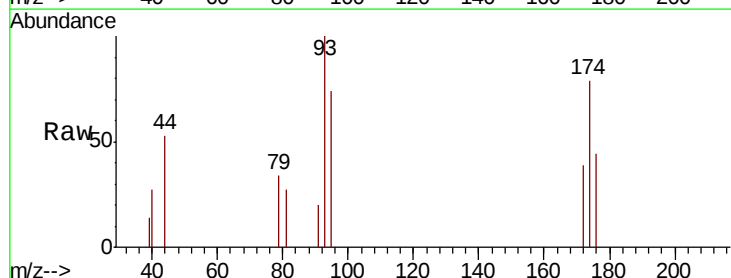
Tgt Ion: 93 Resp: 784

Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

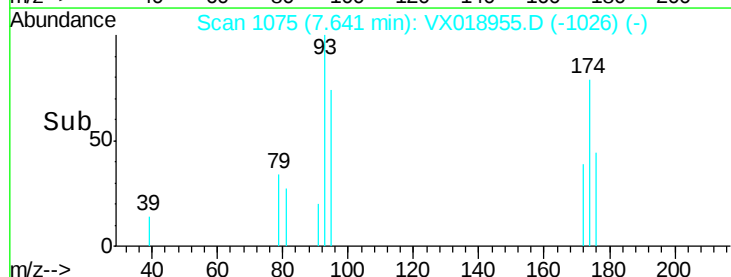
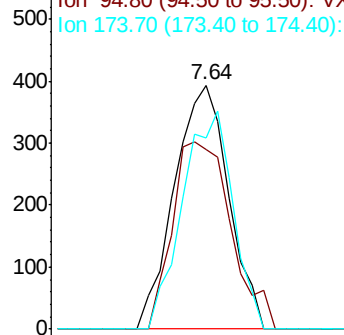
174 83.0 73.8 110.8

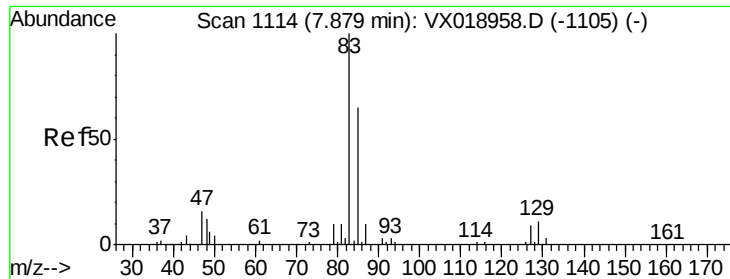


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.946 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

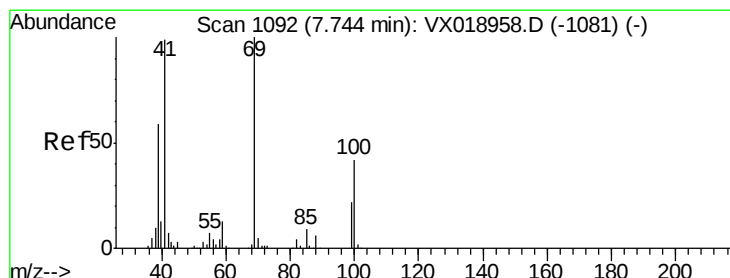
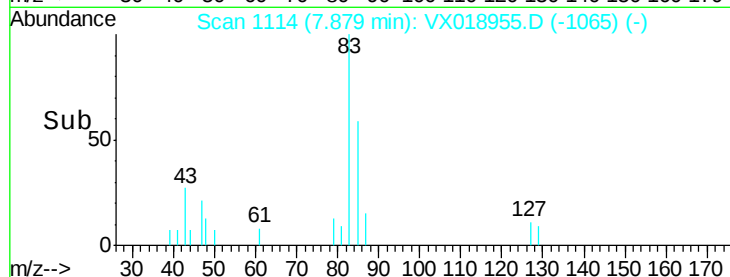
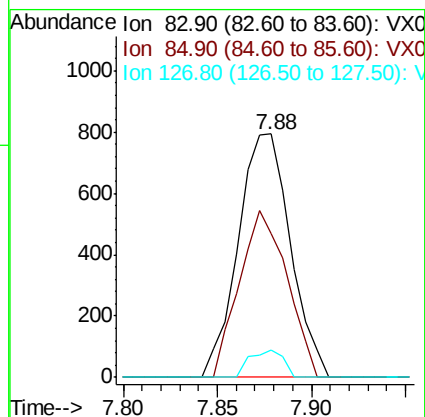
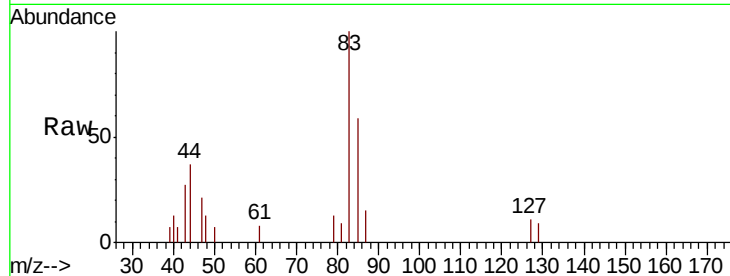
Tot Ion: 83 Resp: 1526

Ion Ratio Lower Upper

83 100

85 58.8 52.4 78.6

127 11.3 7.3 10.9#



#48

Methyl methacrylate

Concen: 0.936 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

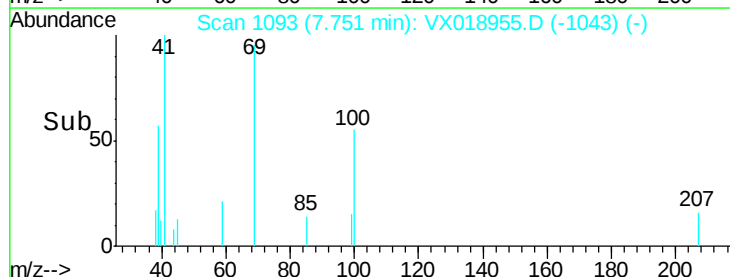
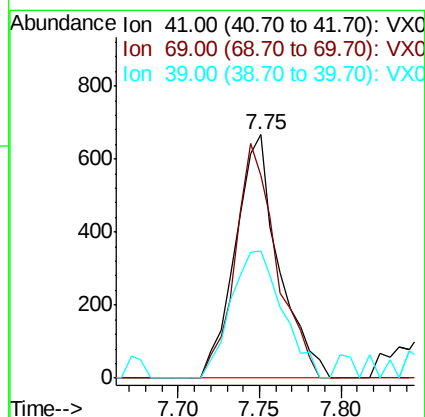
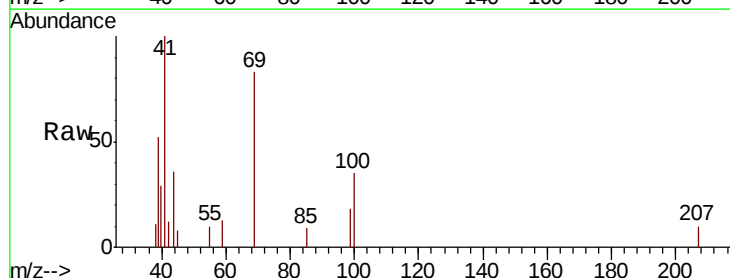
Tgt Ion: 41 Resp: 1236

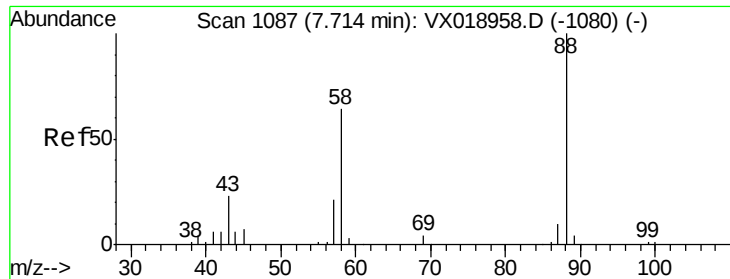
Ion Ratio Lower Upper

41 100

69 92.0 82.4 123.6

39 62.2 48.1 72.1





#49

1,4-Dioxane

Concen: 20.341 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

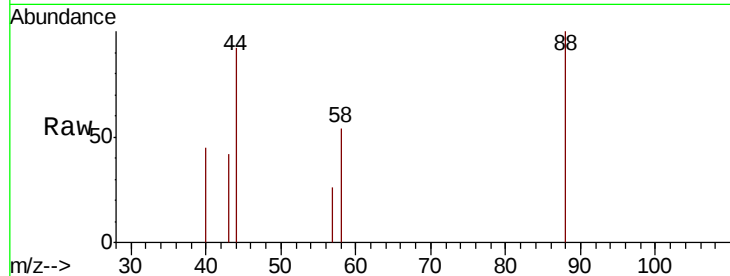
Tot Ion: 88 Resp: 502

Ion Ratio Lower Upper

88 100

43 54.4 21.1 31.7#

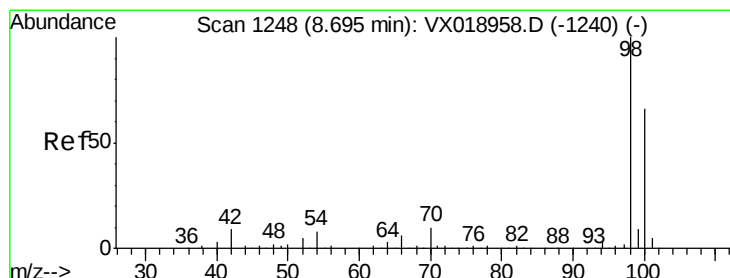
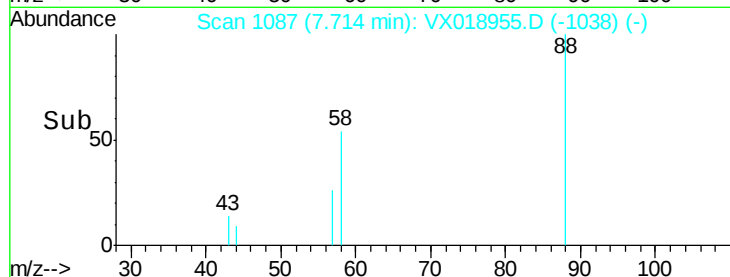
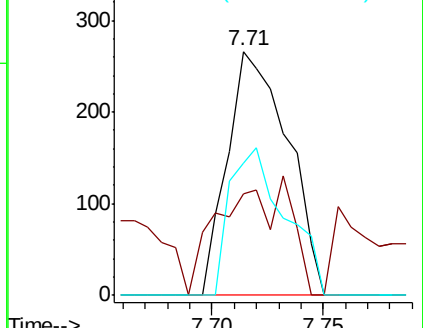
58 55.4 50.3 75.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 1.355 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018955.D

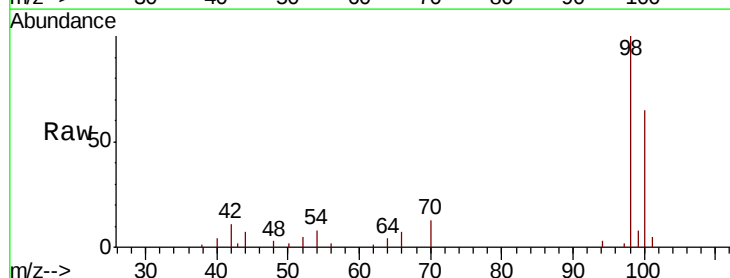
Acq: 19 Oct 2020 16:16

Tgt Ion: 98 Resp: 5379

Ion Ratio Lower Upper

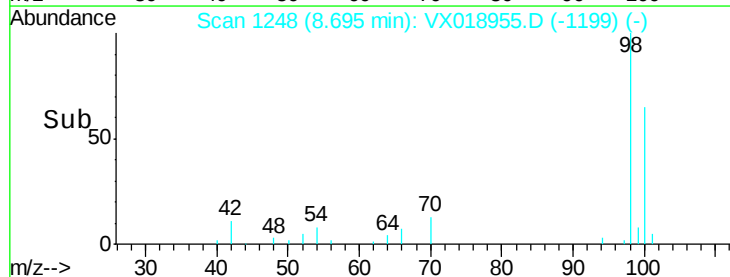
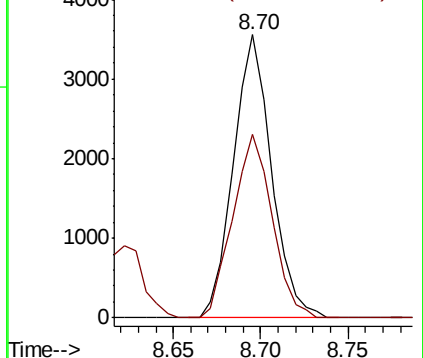
98 100

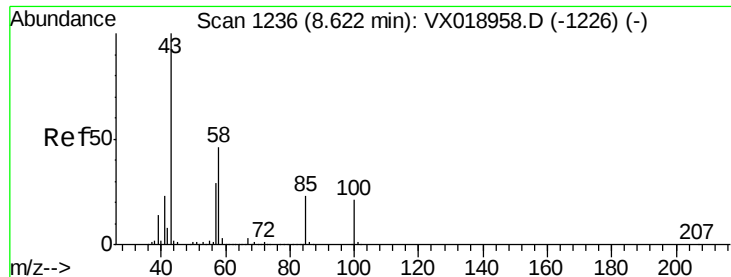
100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 4.302 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

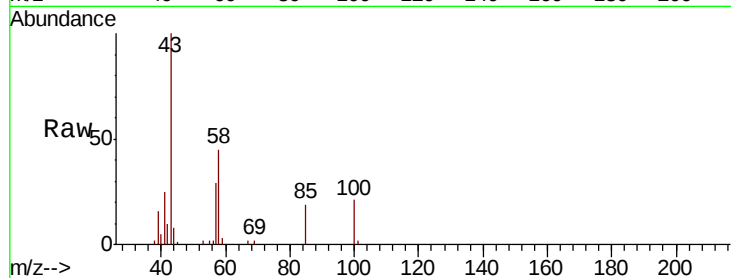
VSTDIC001

Tot Ion: 43 Resp: 7069

Ion Ratio Lower Upper

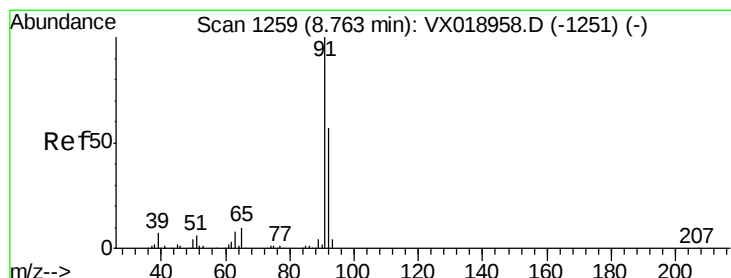
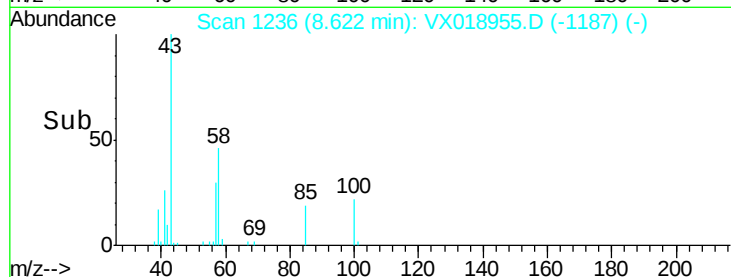
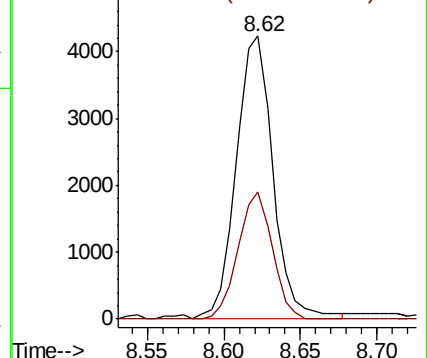
43 100

58 41.6 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: 1.000 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018955.D

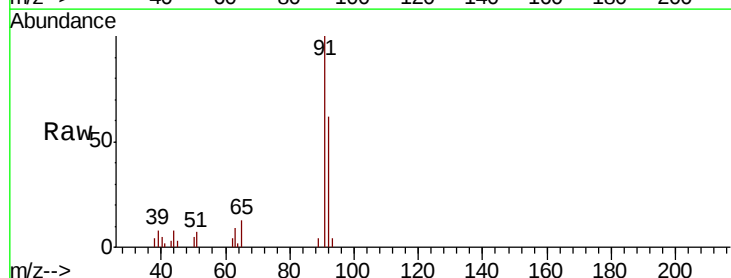
Acq: 19 Oct 2020 16:16

Tgt Ion: 92 Resp: 2754

Ion Ratio Lower Upper

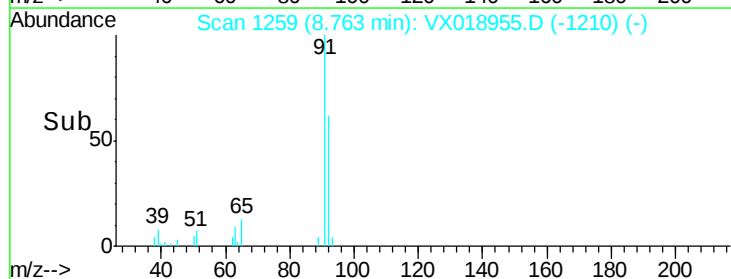
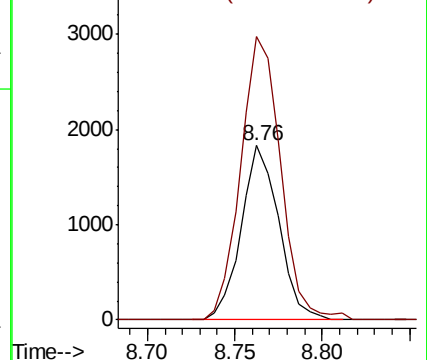
92 100

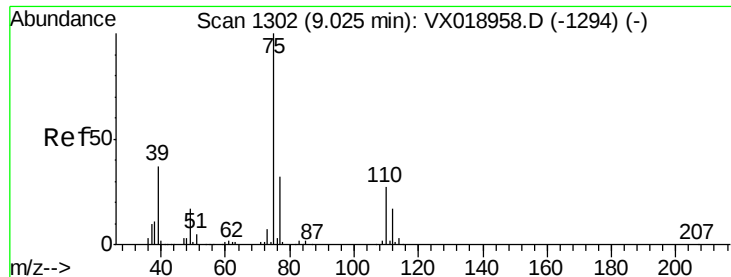
91 172.4 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

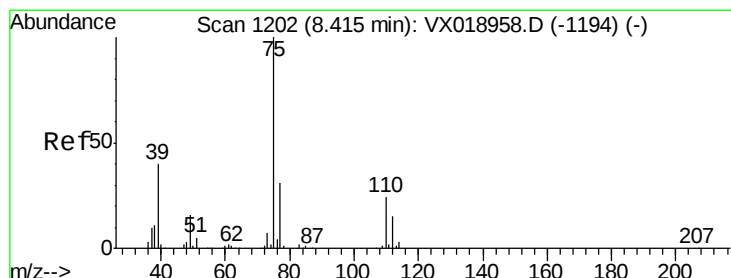
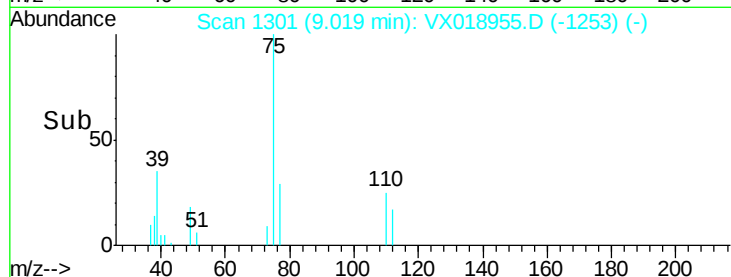
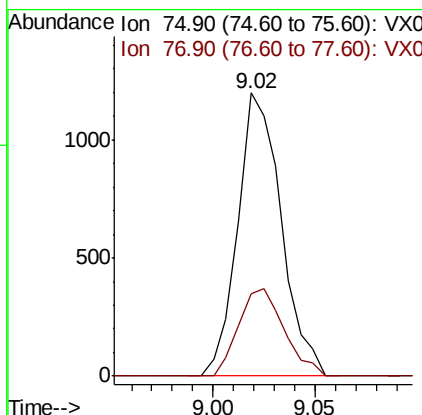
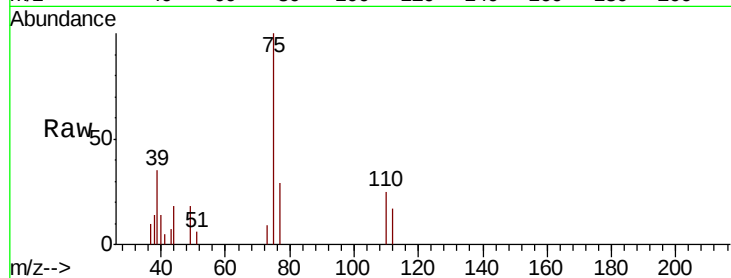




#53
 t-1,3-Dichloropropene
 Concen: 0.983 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

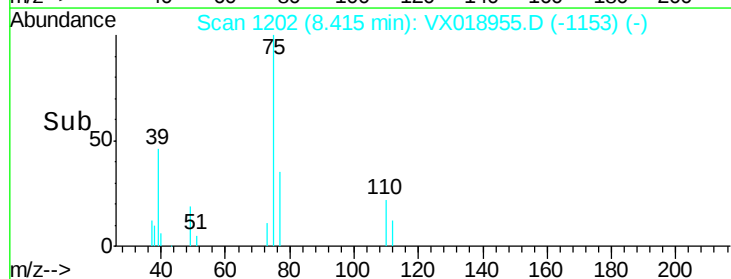
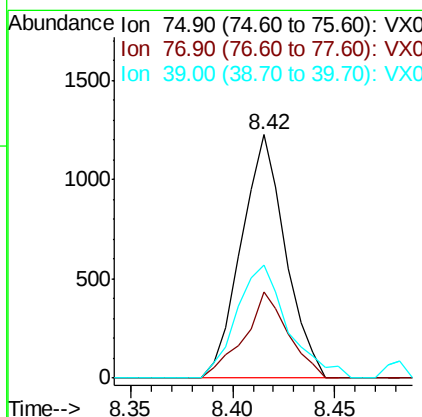
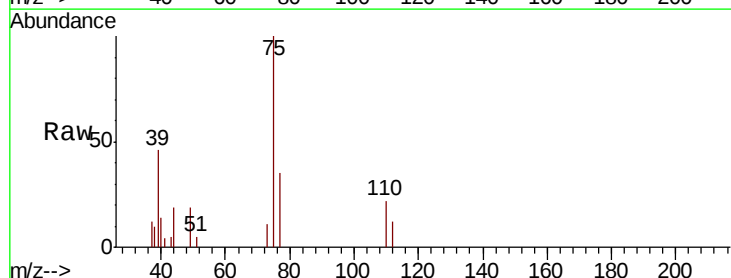
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

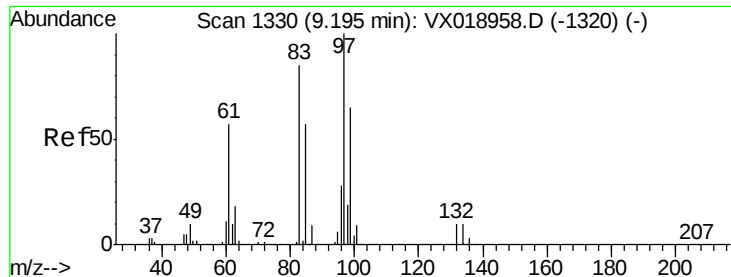
Tot Ion: 75 Resp: 1771
 Ion Ratio Lower Upper
 75 100
 77 29.0 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 0.970 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

Tgt Ion: 75 Resp: 1846
 Ion Ratio Lower Upper
 75 100
 77 35.4 24.6 36.8
 39 46.3 32.1 48.1





#55

1,1,2-Trichloroethane

Concen: 0.898 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 97 Resp: 1042

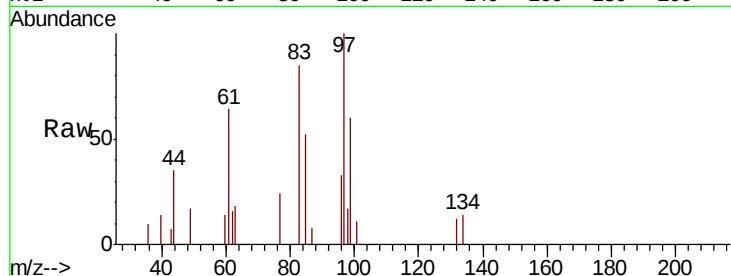
Ion Ratio Lower Upper

97 100

83 84.7 67.8 101.8

85 52.4 45.7 68.5

99 59.6 52.6 78.8



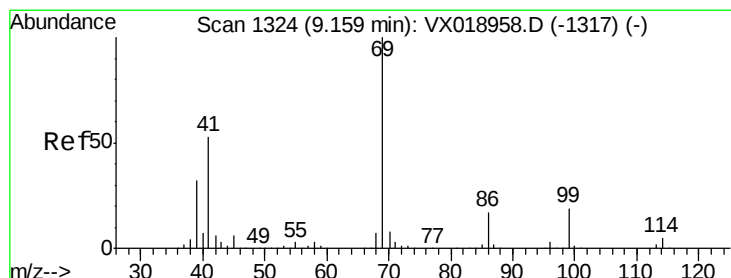
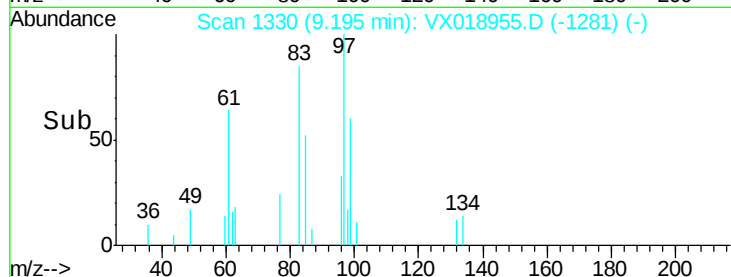
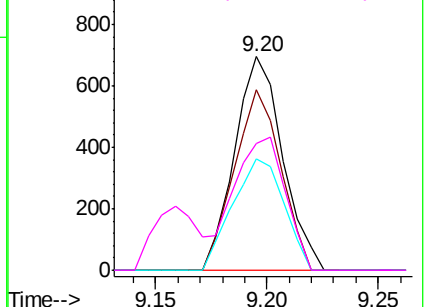
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.918 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

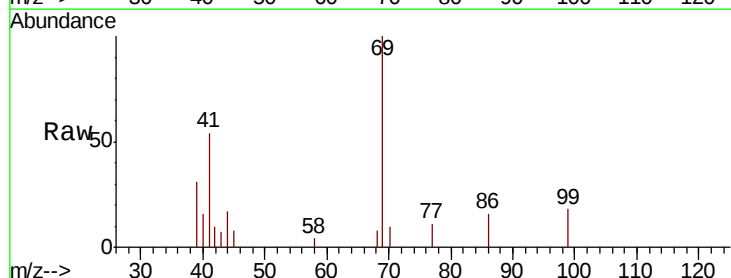
Tgt Ion: 69 Resp: 1586

Ion Ratio Lower Upper

69 100

41 67.8 43.4 65.2#

39 40.4 25.0 37.4#

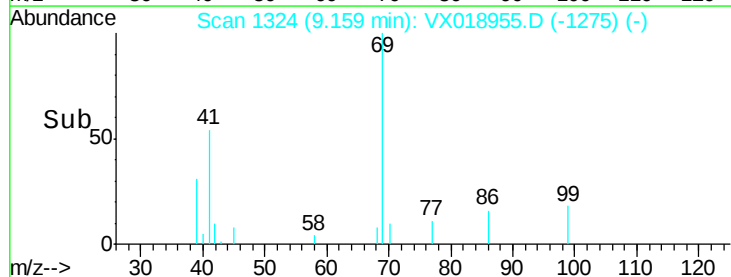
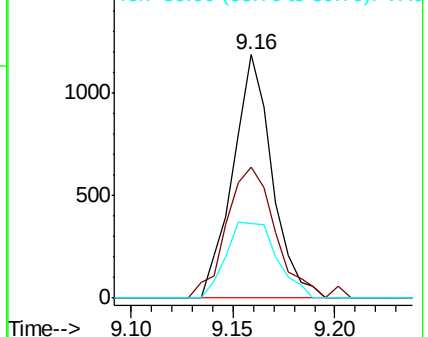


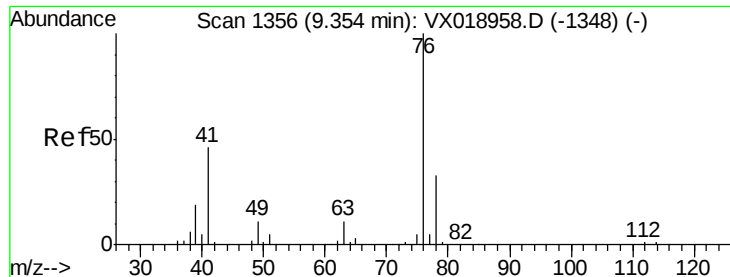
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

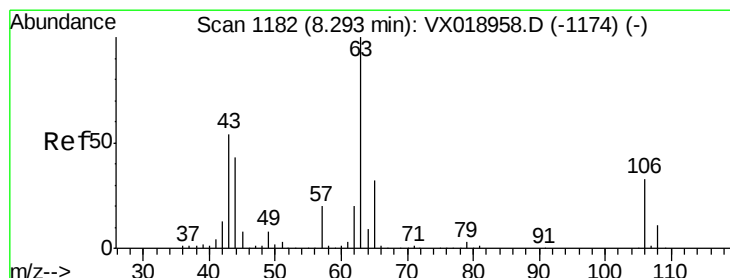
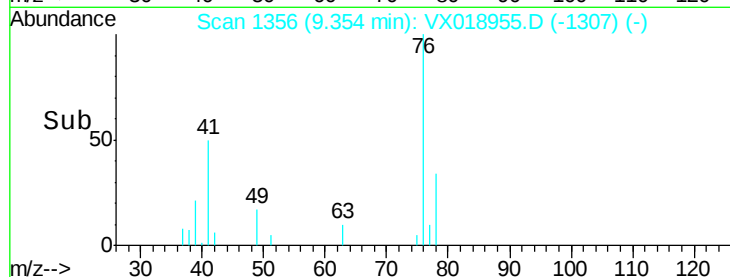
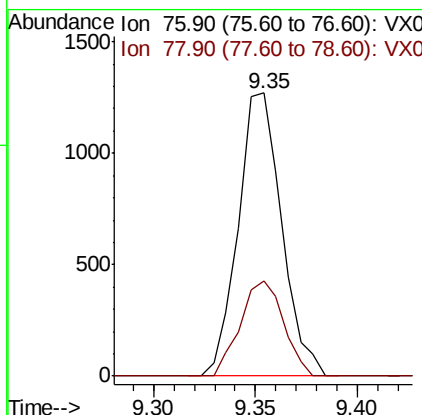
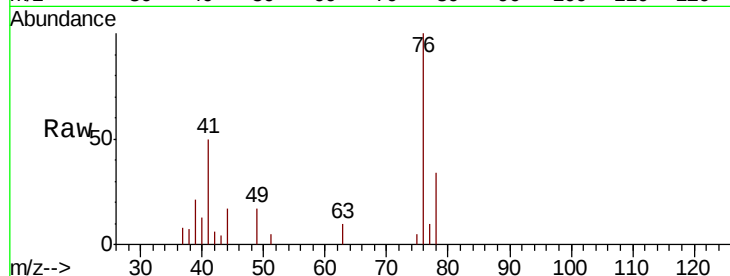




#57
 1,3-Dichloropropane
 Concen: 0.985 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

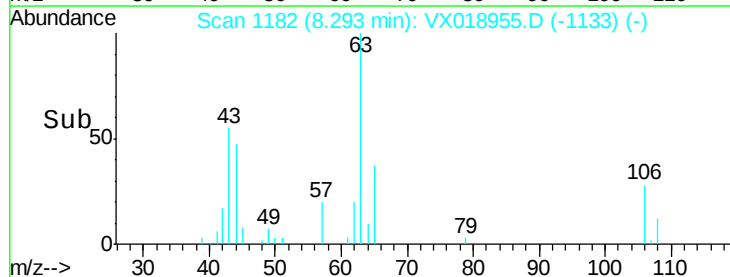
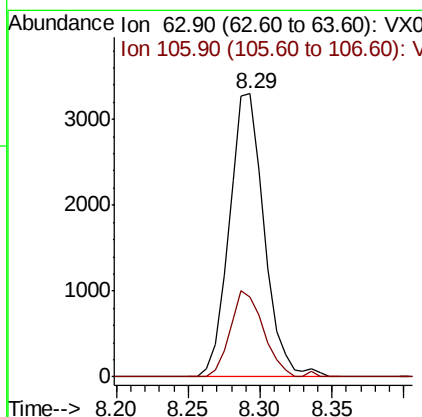
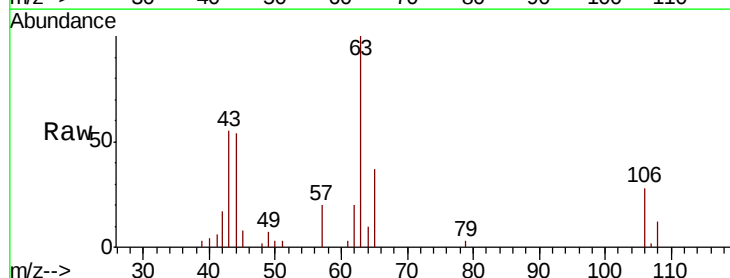
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

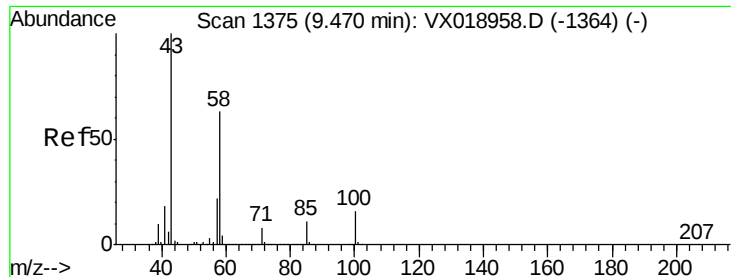
Tot Ion: 76 Resp: 1882
 Ion Ratio Lower Upper
 76 100
 78 33.4 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 6.994 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

Tgt Ion: 63 Resp: 5595
 Ion Ratio Lower Upper
 63 100
 106 28.7 24.8 37.2

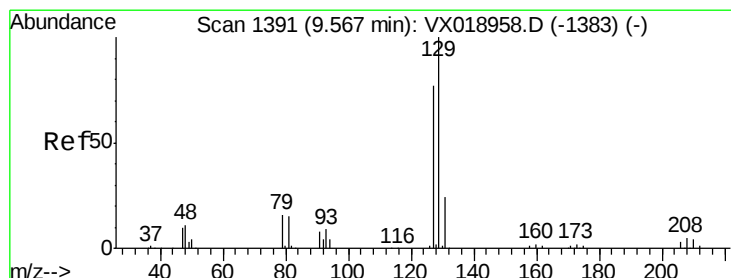
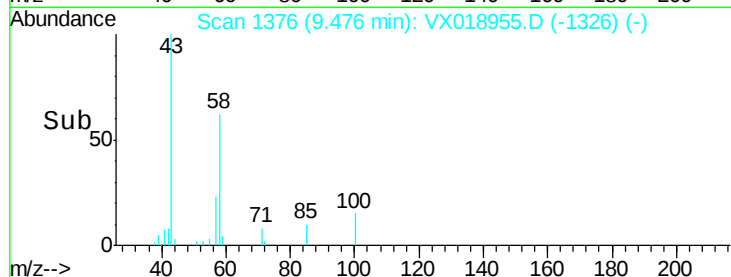
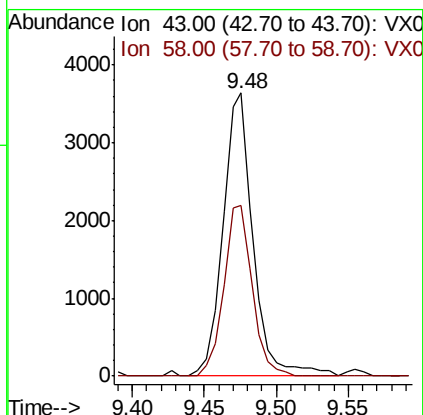
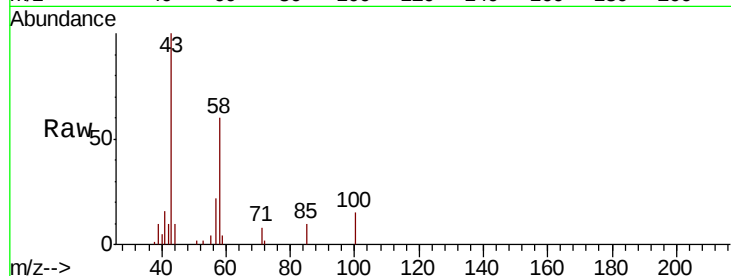




#59
2-Hexanone
Concen: 4.283 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

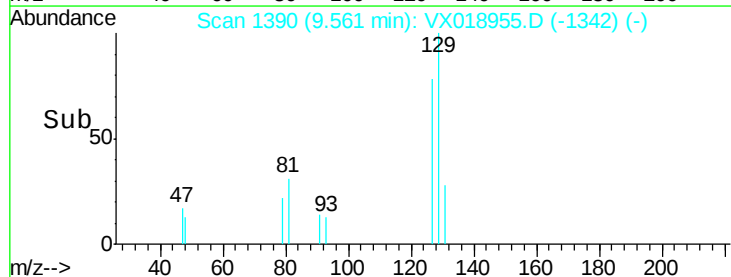
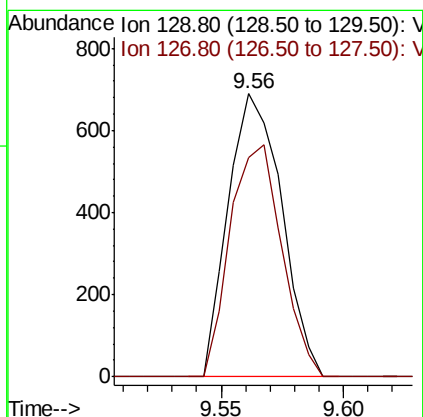
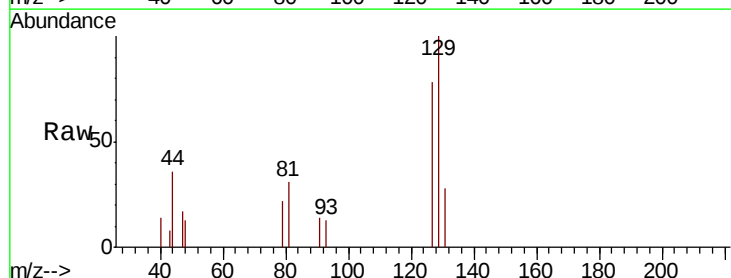
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

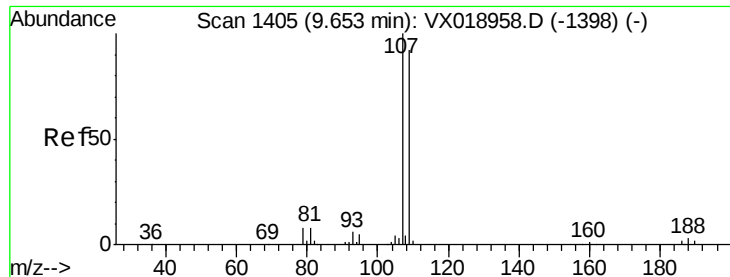
Tot Ion: 43 Resp: 5338
Ion Ratio Lower Upper
43 100
58 57.4 31.7 95.1



#60
Dibromochloromethane
Concen: 0.775 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion: 129 Resp: 1047
Ion Ratio Lower Upper
129 100
127 79.3 38.8 116.4

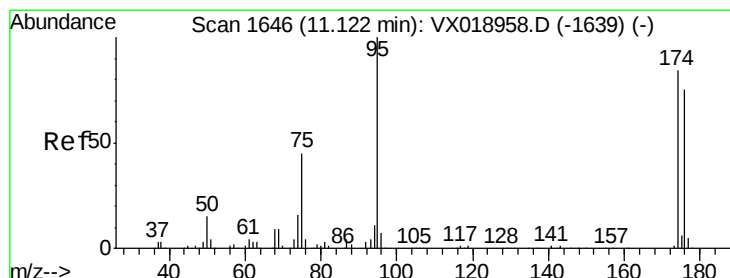
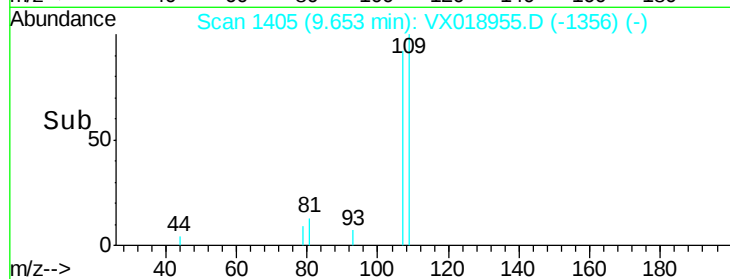
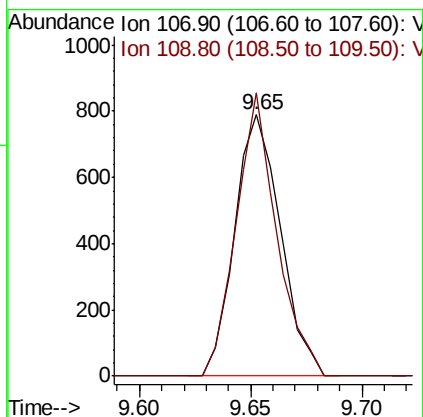
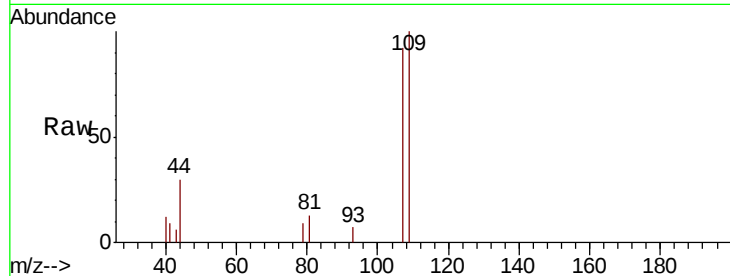




#61
 1,2-Dibromoethane
 Concen: 0.897 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

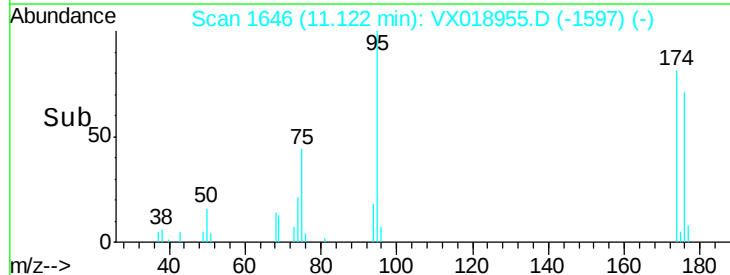
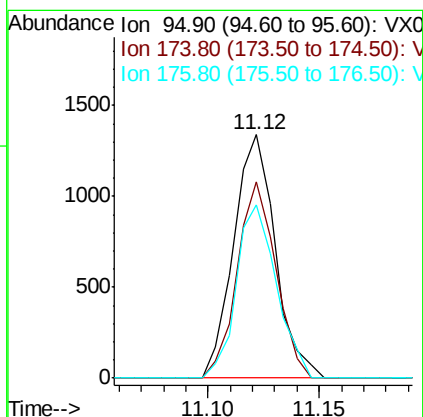
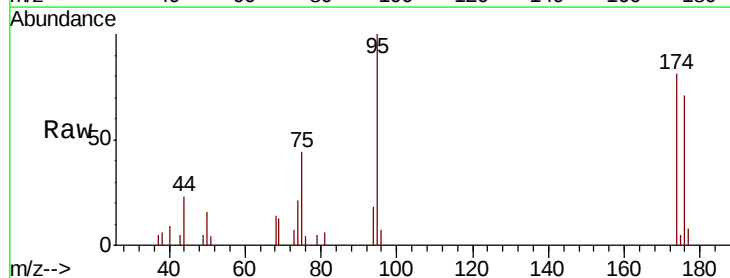
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

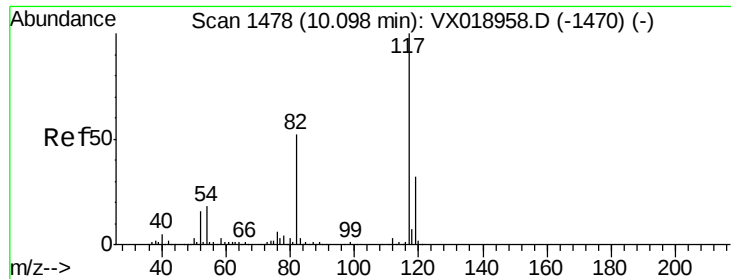
Tot Ion:107 Resp: 1130
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 1.135 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

Tgt Ion: 95 Resp: 1742
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 164.6
 176 68.9 0.0 154.6

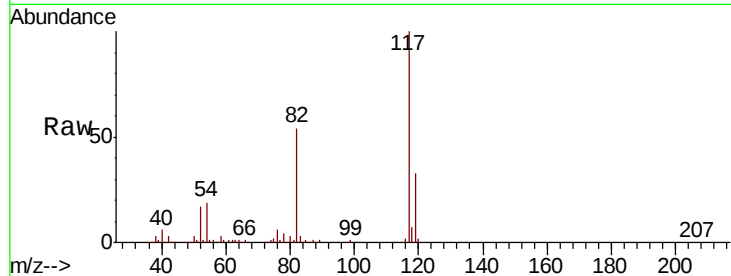




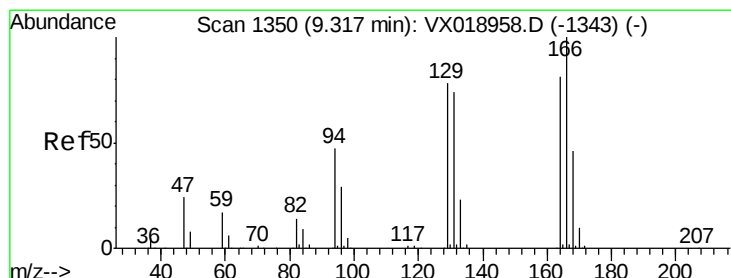
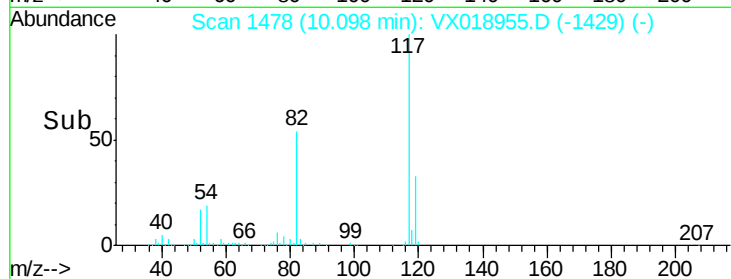
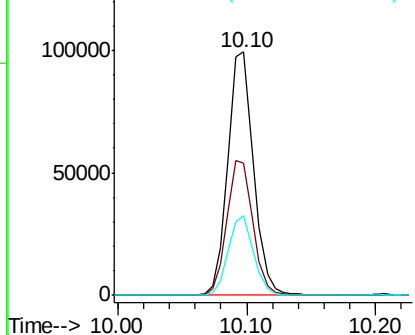
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:117 Resp: 139978
Ion Ratio Lower Upper
117 100
82 54.1 41.6 62.4
119 32.7 25.4 38.2

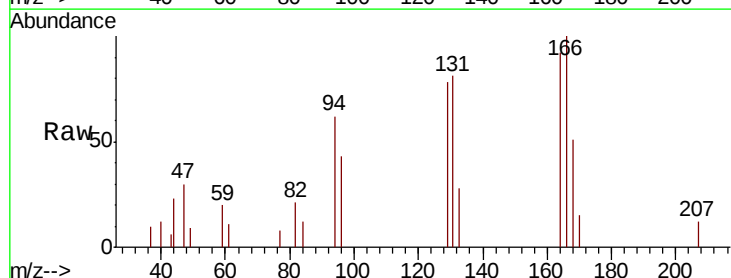


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

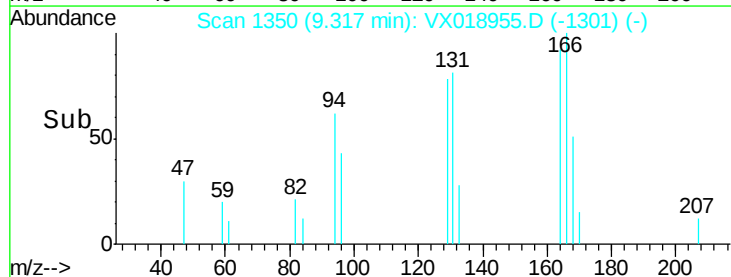
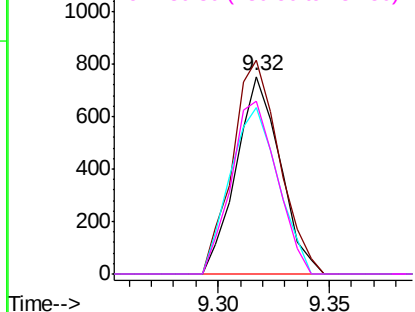


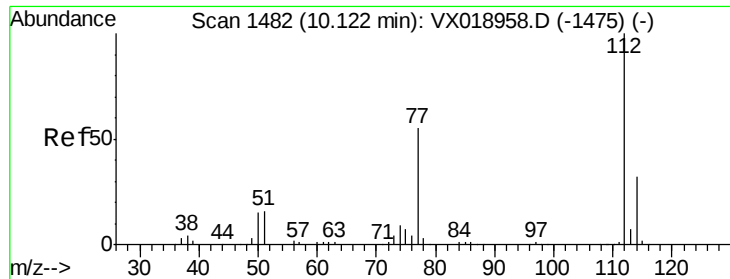
#64
Tetrachloroethene
Concen: 1.020 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion:164 Resp: 1039
Ion Ratio Lower Upper
164 100
166 108.1 98.9 148.3
129 84.0 77.0 115.4
131 87.8 73.0 109.6



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

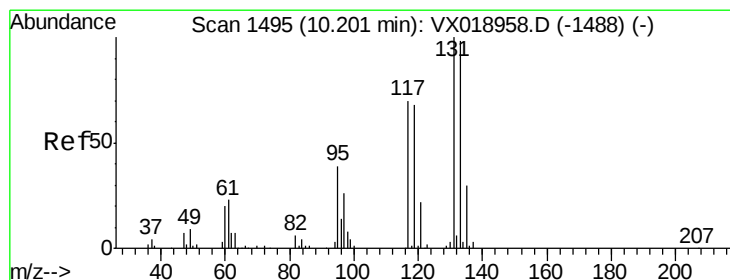
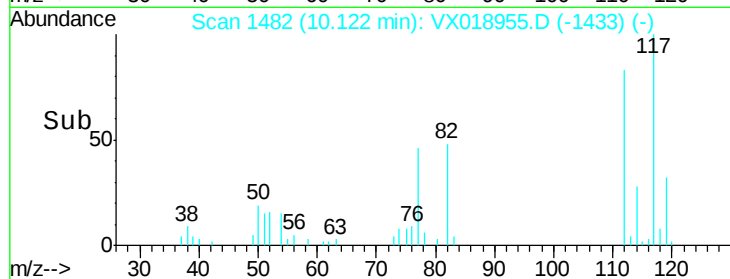
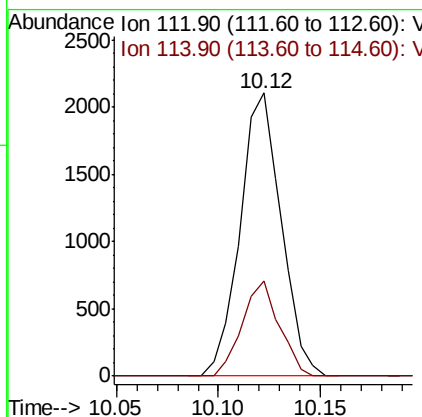
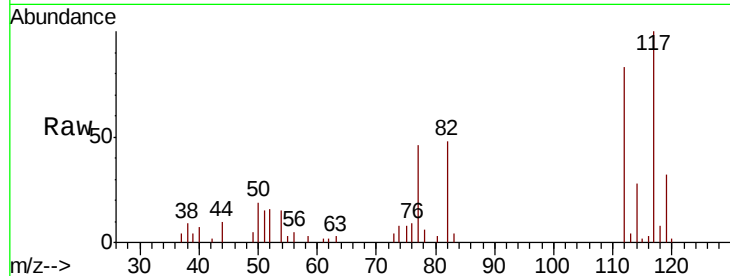




#65
Chlorobenzene
Concen: 1.051 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

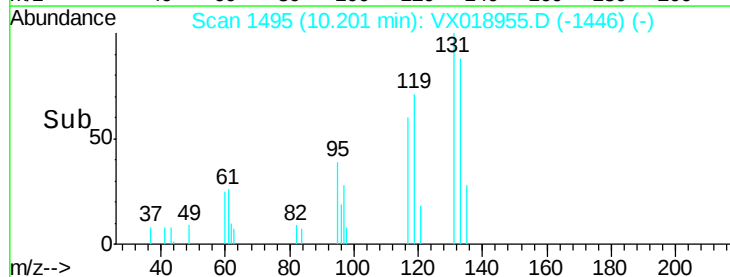
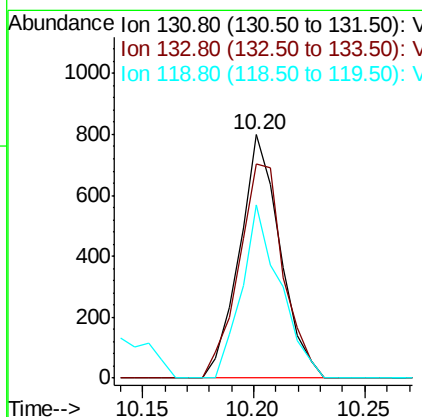
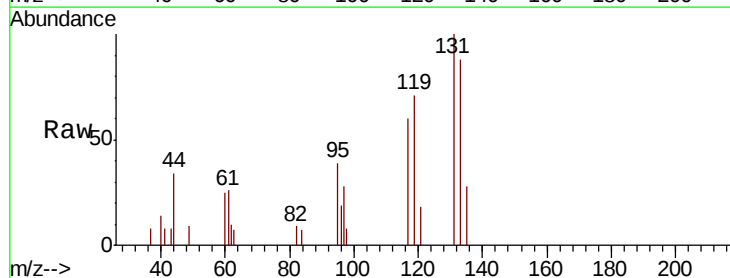
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

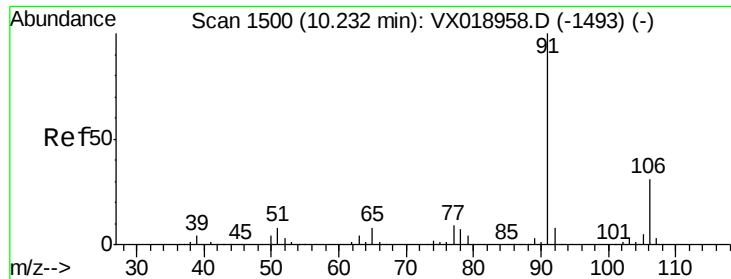
Tot Ion:112 Resp: 2950
Ion Ratio Lower Upper
112 100
114 33.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.930 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion:131 Resp: 1018
Ion Ratio Lower Upper
131 100
133 96.9 47.4 142.2
119 0.0 33.5 100.4#

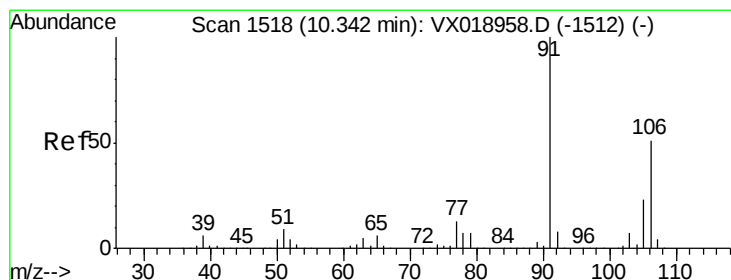
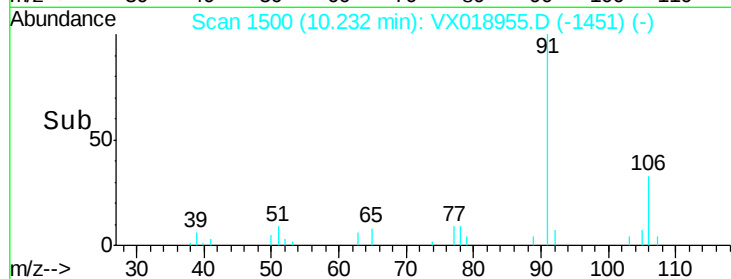
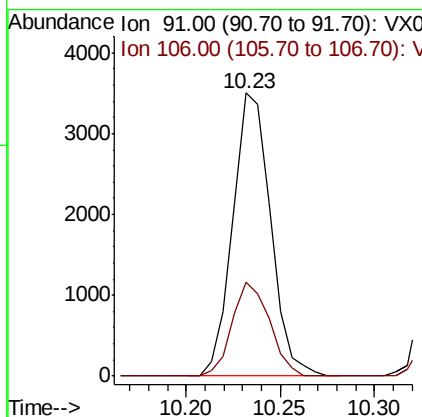
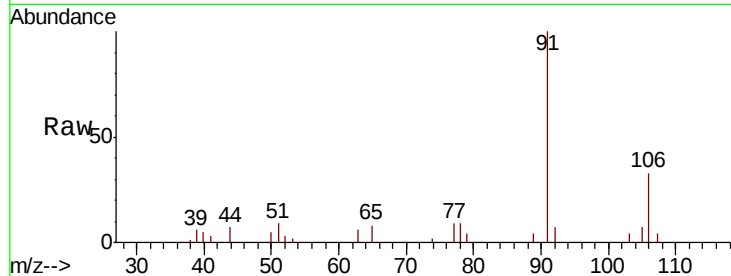




#67
Ethyl Benzene
Concen: 1.021 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

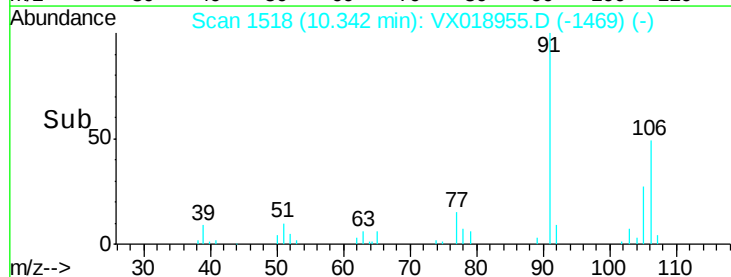
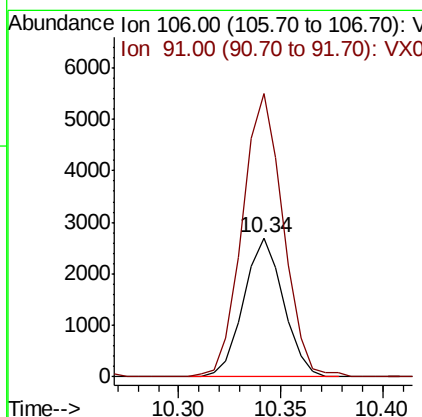
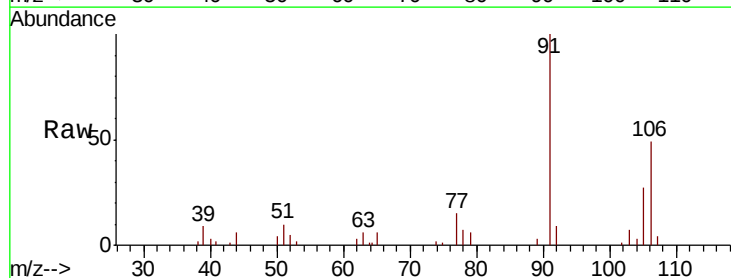
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

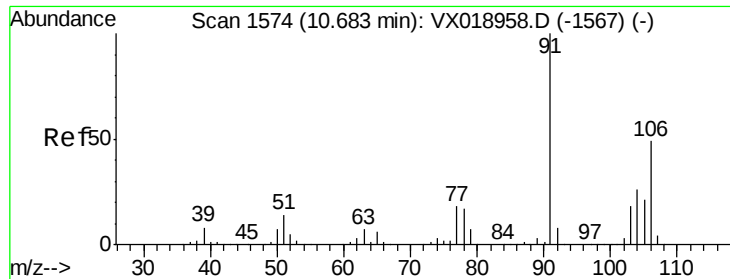
Tot Ion: 91 Resp: 4881
Ion Ratio Lower Upper
91 100
106 33.3 24.7 37.1



#68
m/p-Xylenes
Concen: 2.044 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion: 106 Resp: 3663
Ion Ratio Lower Upper
106 100
91 208.7 156.7 235.1

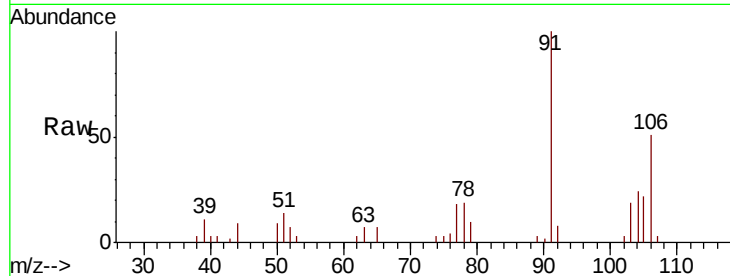




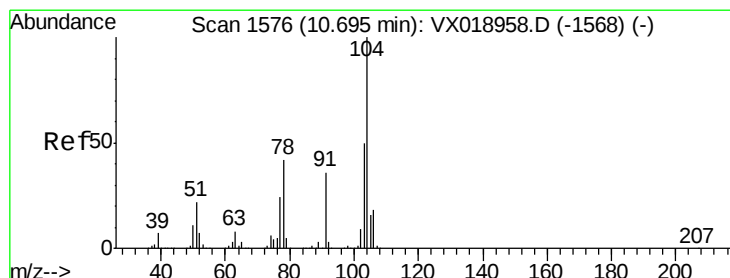
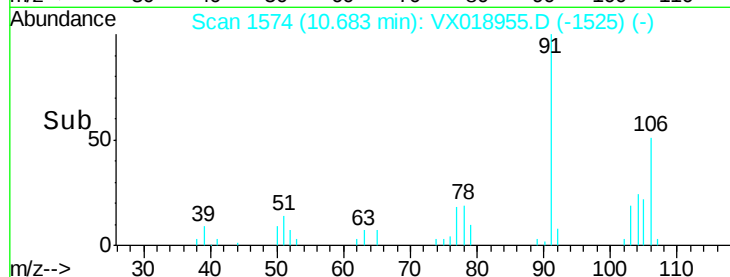
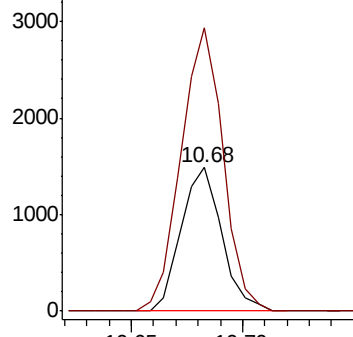
#69
o-Xylene
Concen: 1.083 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 1889
Ion Ratio Lower Upper
106 100
91 204.0 102.4 307.1

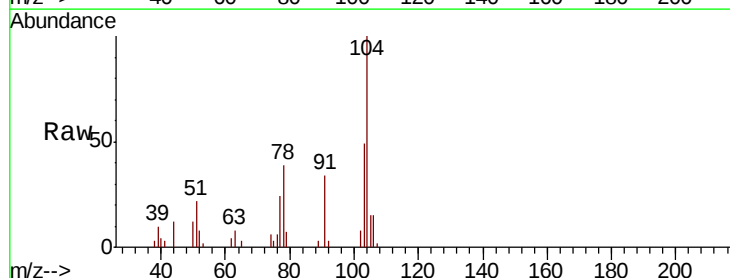


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

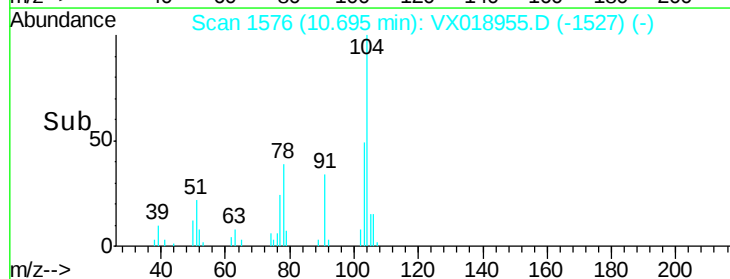
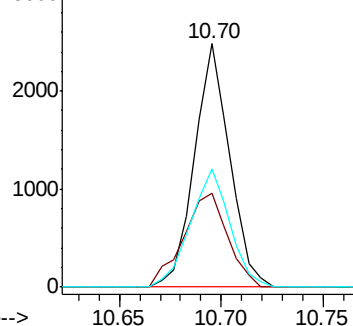


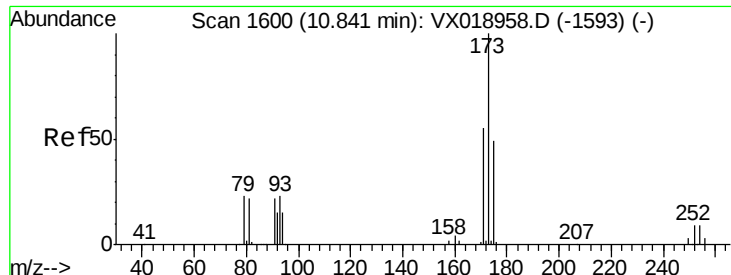
#70
Styrene
Concen: 1.012 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion:104 Resp: 2987
Ion Ratio Lower Upper
104 100
78 48.4 37.9 56.9
103 54.3 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

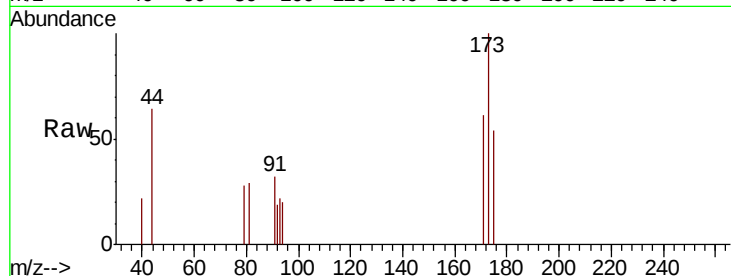




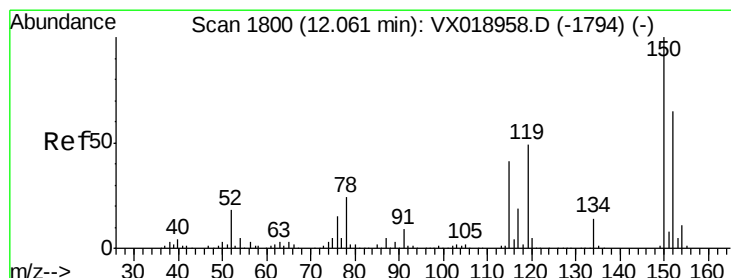
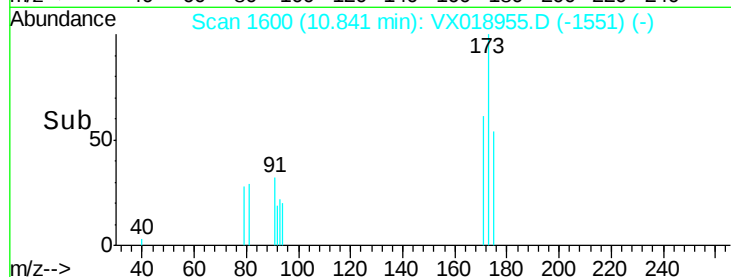
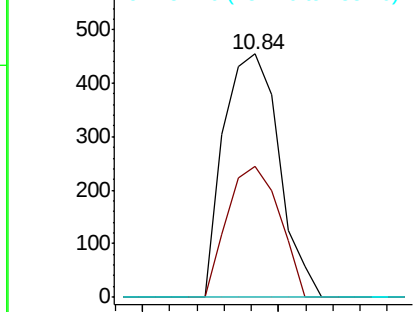
#71
Bromoform
Concen: 0.690 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:173 Resp: 641
Ion Ratio Lower Upper
173 100
175 50.7 23.7 71.1
254 0.0 0.0 0.0

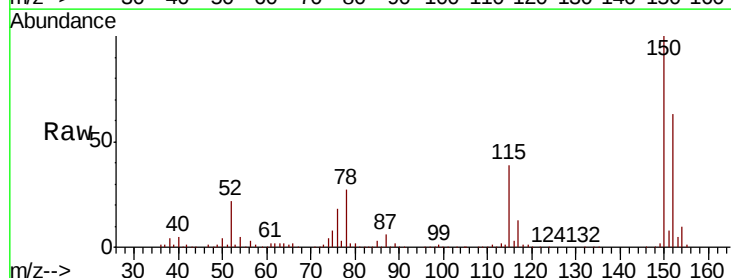


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

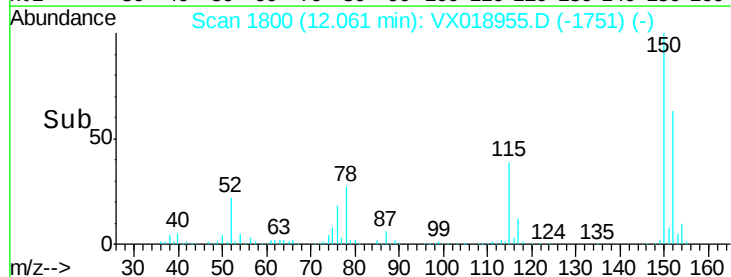
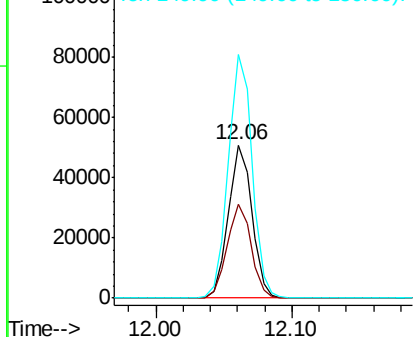


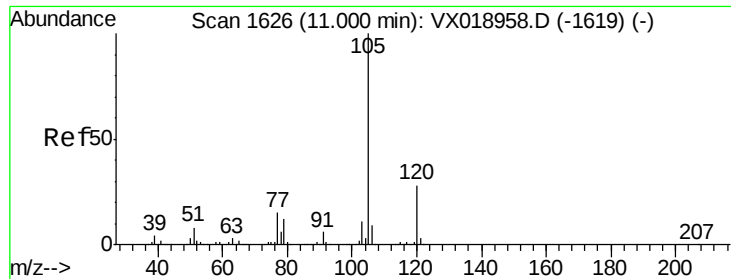
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion:152 Resp: 61491
Ion Ratio Lower Upper
152 100
115 62.0 40.8 122.2
150 159.7 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: 1.137 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

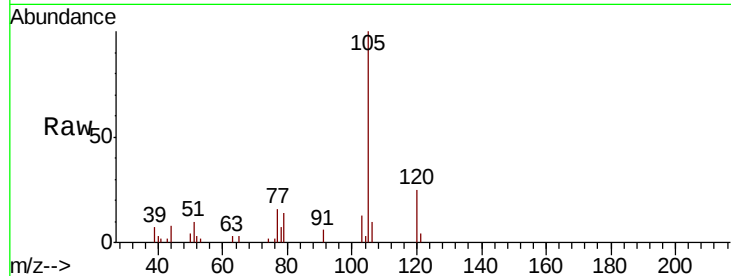
VSTDIC001

Tot Ion:105 Resp: 4614

Ion Ratio Lower Upper

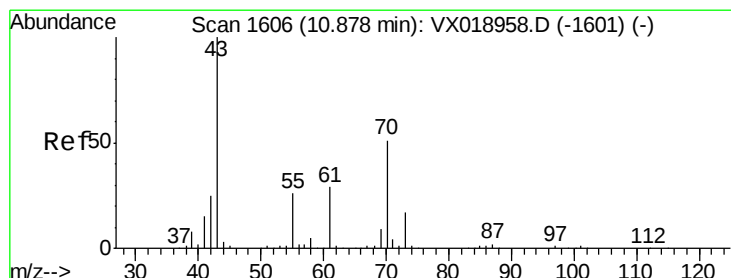
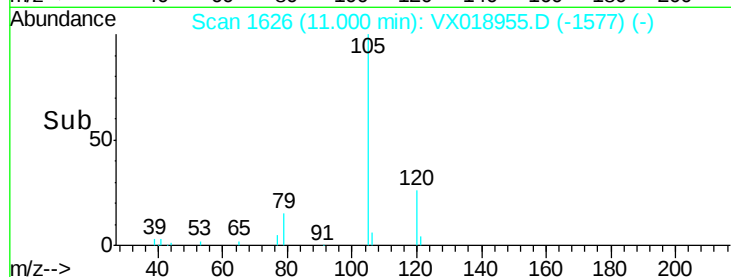
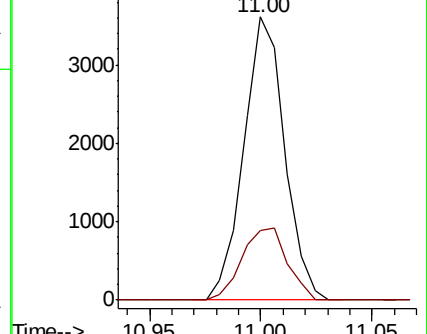
105 100

120 28.3 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: 1.071 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Tgt Ion: 43 Resp: 1960

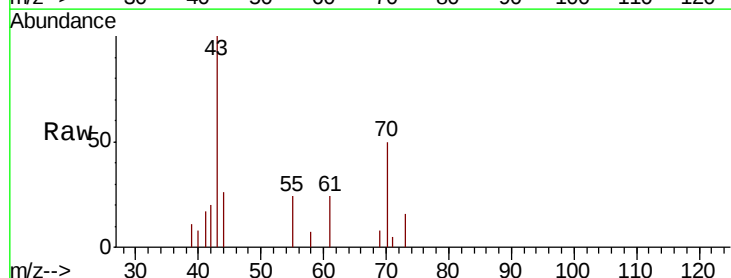
Ion Ratio Lower Upper

43 100

70 45.6 42.4 63.6

55 25.9 21.0 31.6

61 25.5 23.2 34.8

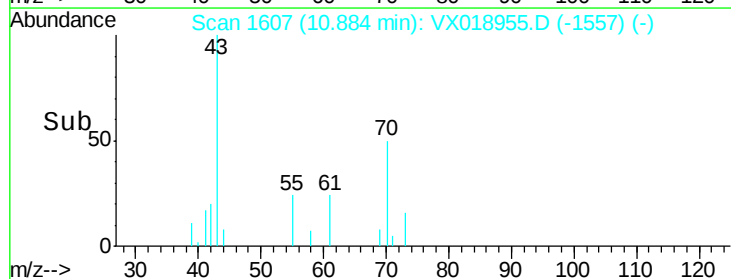
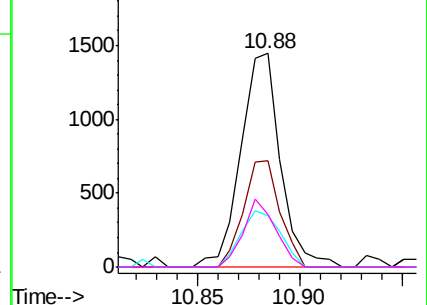


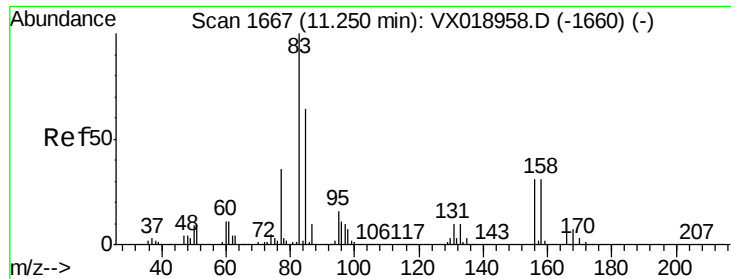
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.103 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

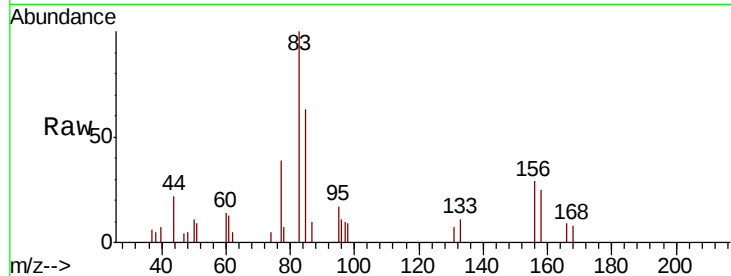
Tot Ion: 83 Resp: 1575

Ion Ratio Lower Upper

83 100

131 8.0 5.3 15.9

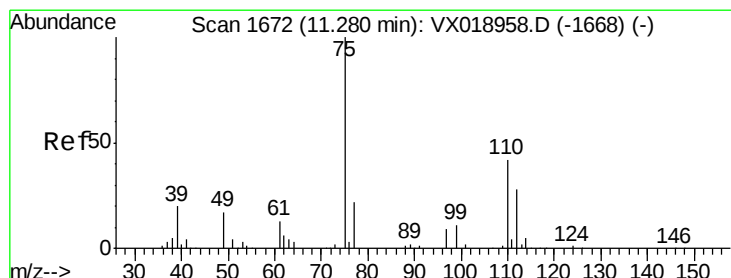
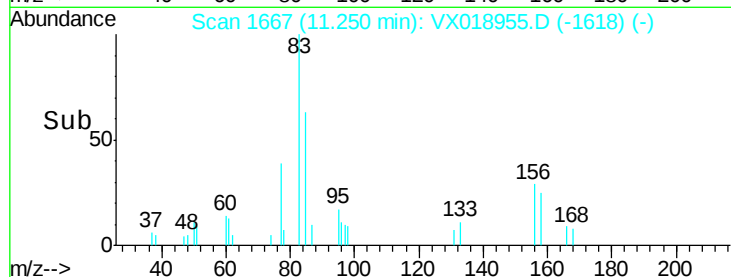
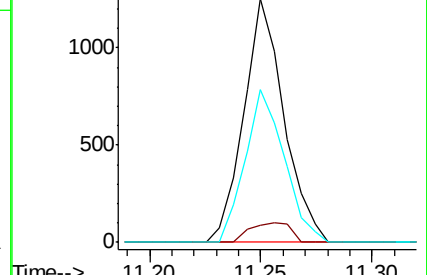
85 61.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.437 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018955.D

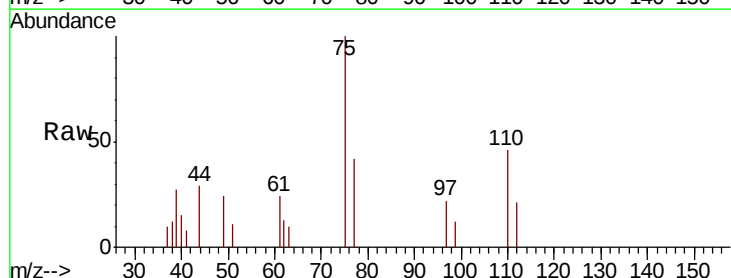
Acq: 19 Oct 2020 16:16

Tgt Ion: 75 Resp: 1942

Ion Ratio Lower Upper

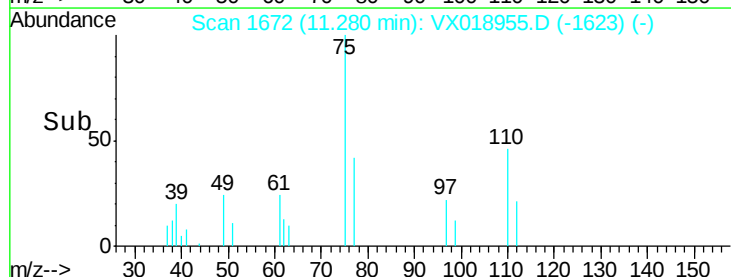
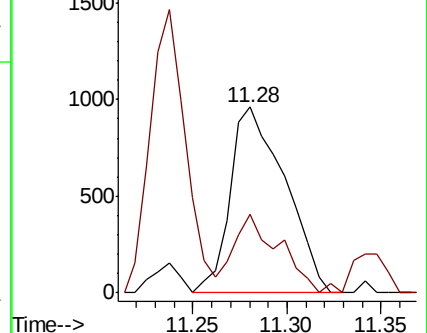
75 100

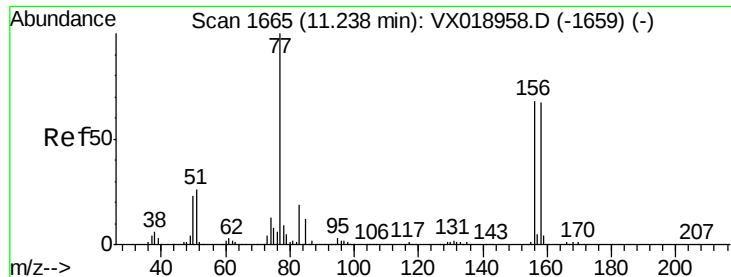
77 34.6 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.956 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

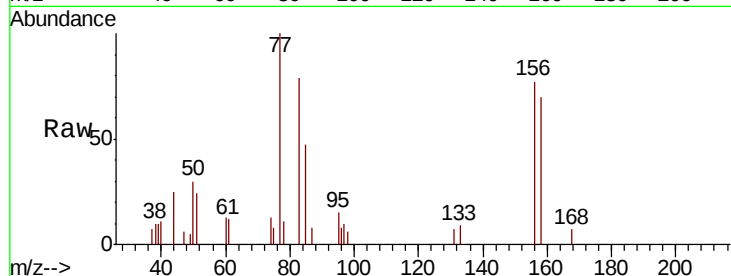
Tot Ion:156 Resp: 1062

Ion Ratio Lower Upper

156 100

77 180.8 77.4 232.2

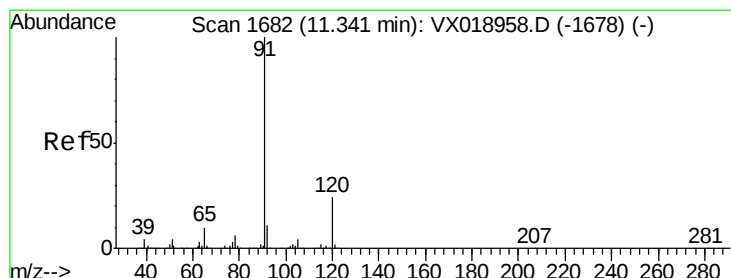
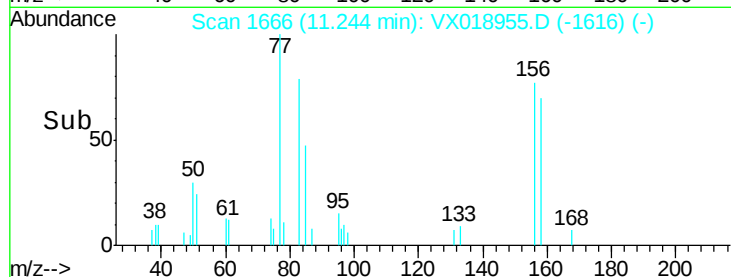
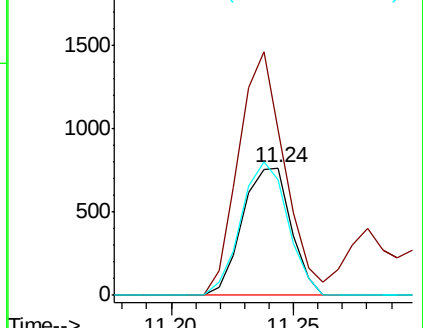
158 100.2 50.6 151.9



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: 1.207 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018955.D

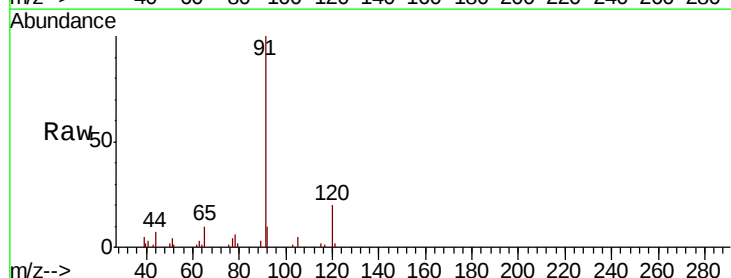
Acq: 19 Oct 2020 16:16

Tgt Ion: 91 Resp: 5570

Ion Ratio Lower Upper

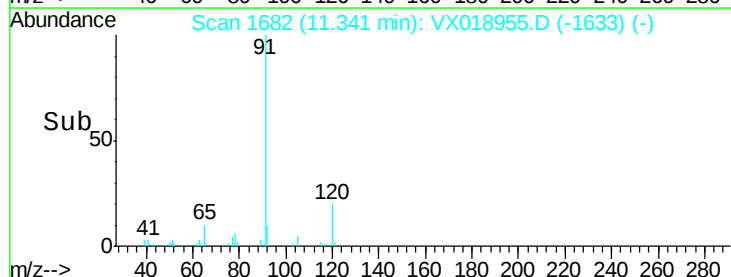
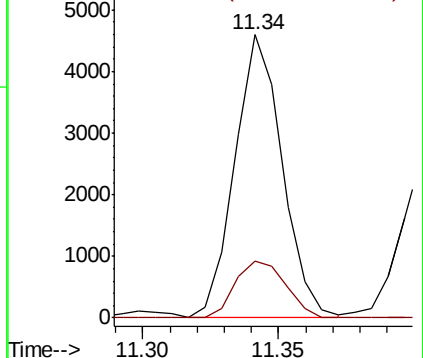
91 100

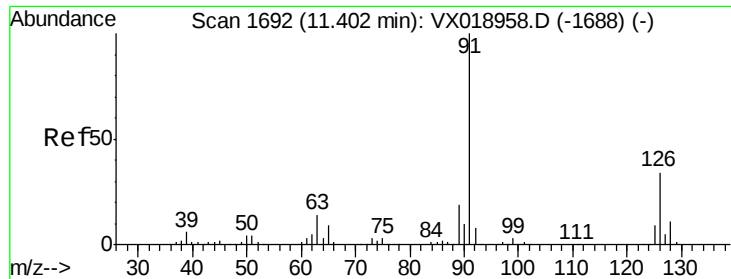
120 21.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

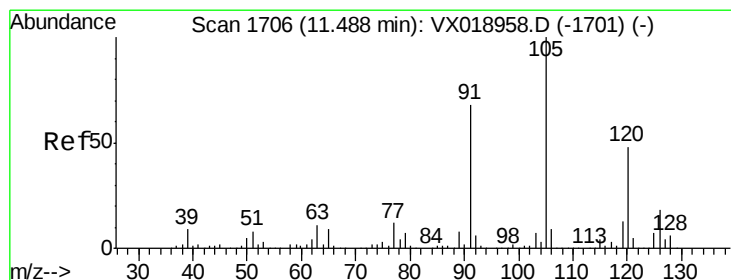
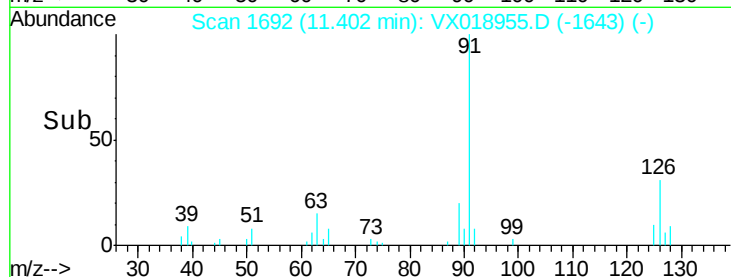
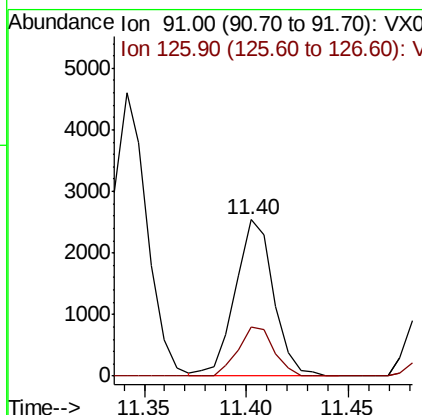
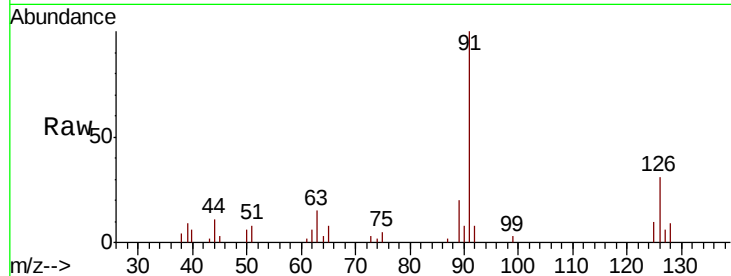




#79
 2-Chlorotoluene
 Concen: 1.173 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

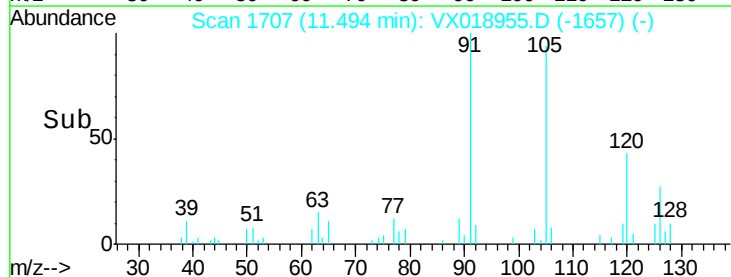
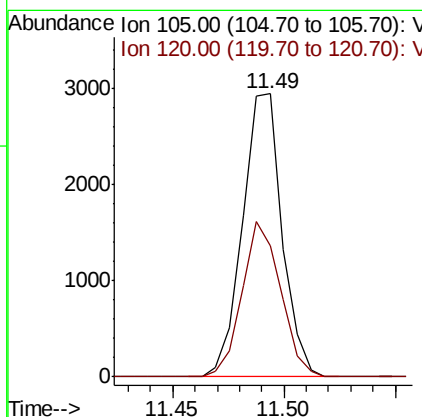
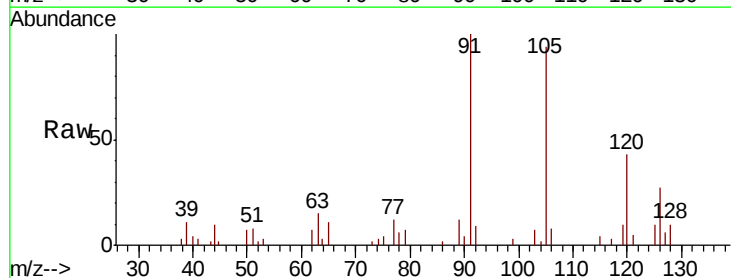
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

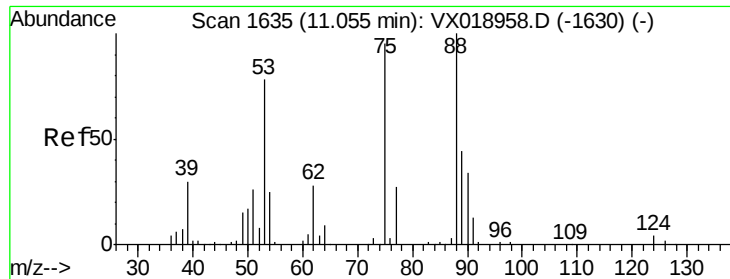
Tot Ion: 91 Resp: 3317
 Ion Ratio Lower Upper
 91 100
 126 29.4 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 1.093 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

Tgt Ion: 105 Resp: 3658
 Ion Ratio Lower Upper
 105 100
 120 53.4 25.1 75.3

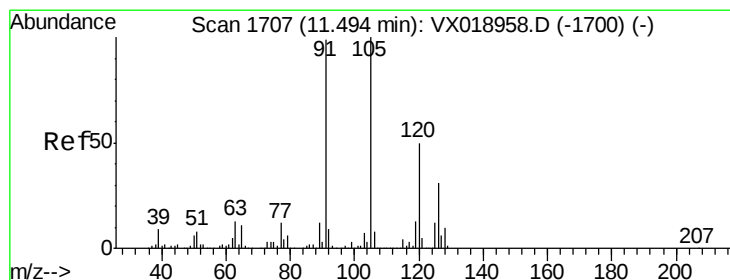
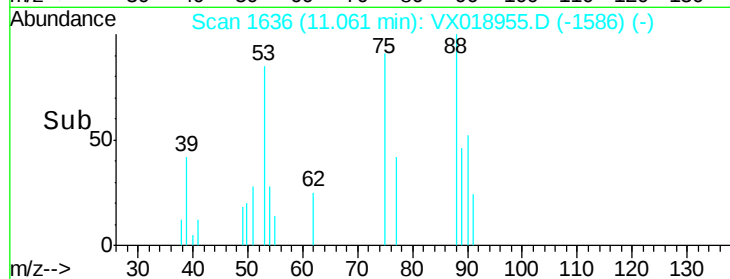
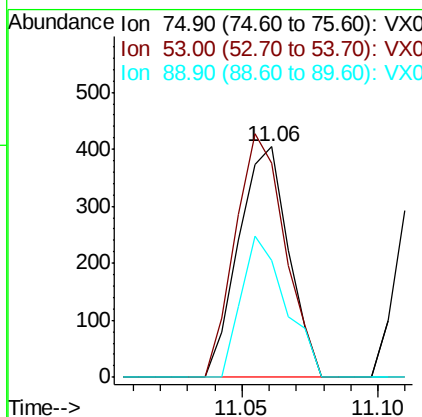
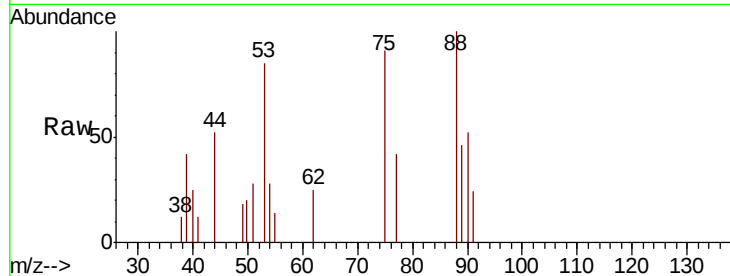




#81
trans-1,4-Dichloro-2-butene
Concen: 1.016 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

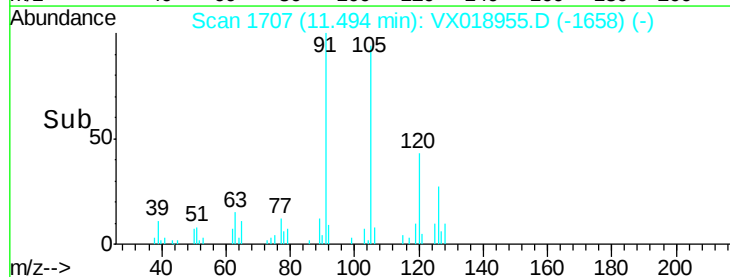
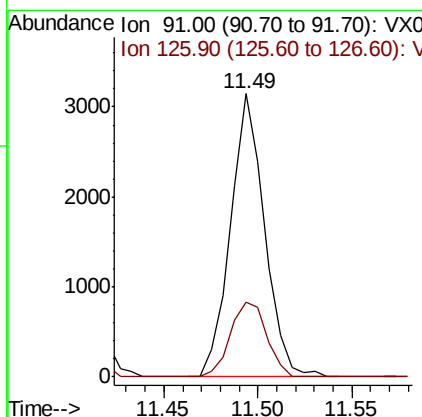
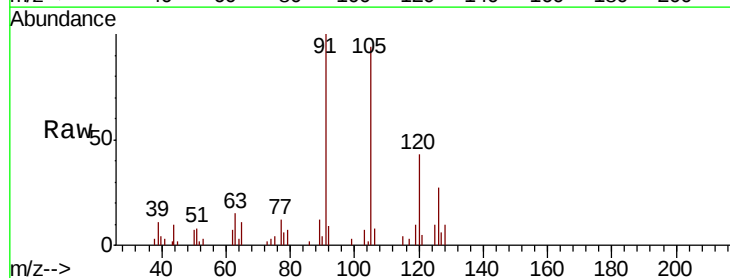
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

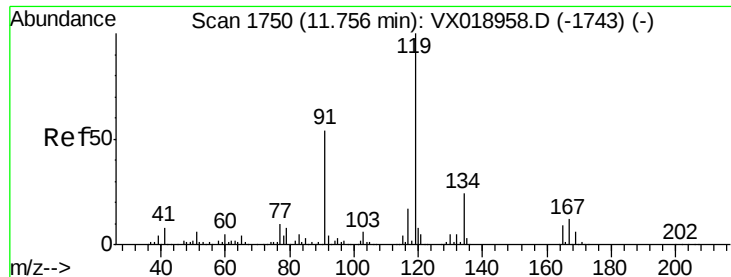
Tot Ion: 75 Resp: 515
Ion Ratio Lower Upper
75 100
53 104.9 64.2 96.2#
89 54.6 38.6 58.0



#82
4-Chlorotoluene
Concen: 1.169 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion: 91 Resp: 3937
Ion Ratio Lower Upper
91 100
126 28.1 15.8 47.4

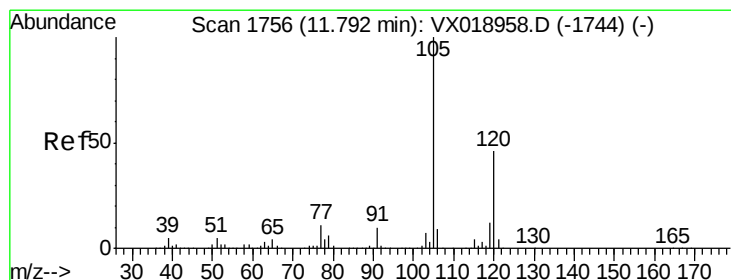
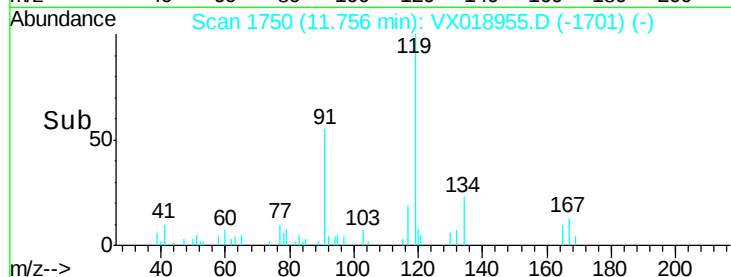
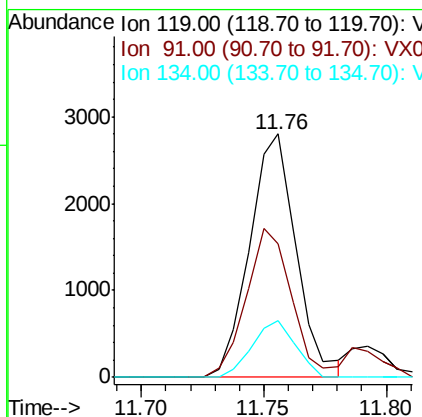
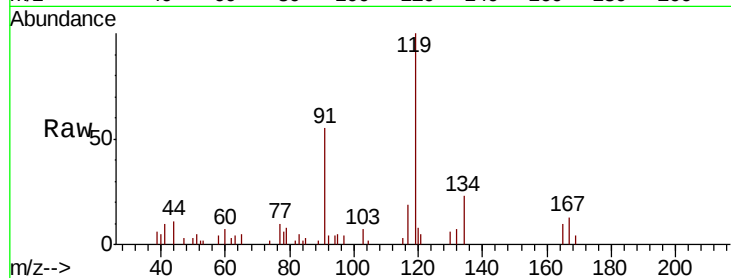




#83
tert-Butylbenzene
Concen: 1.114 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

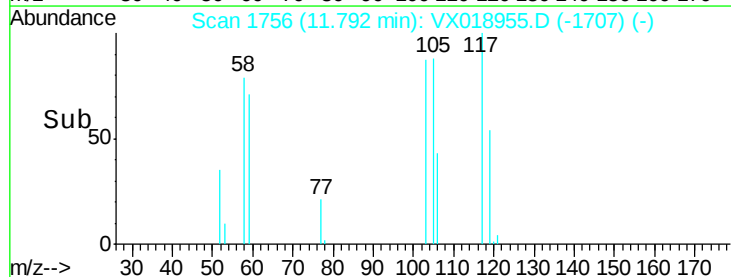
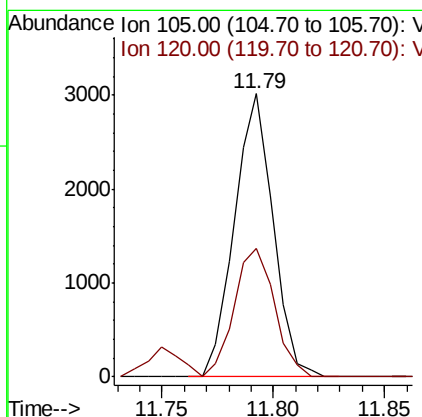
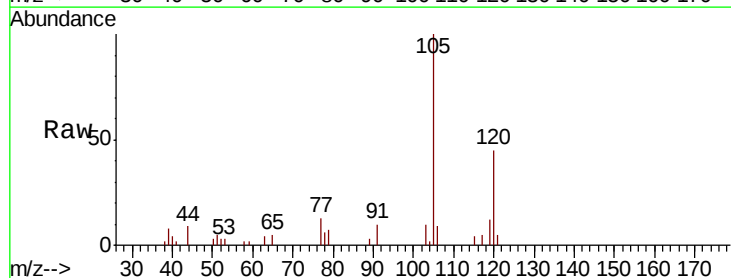
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

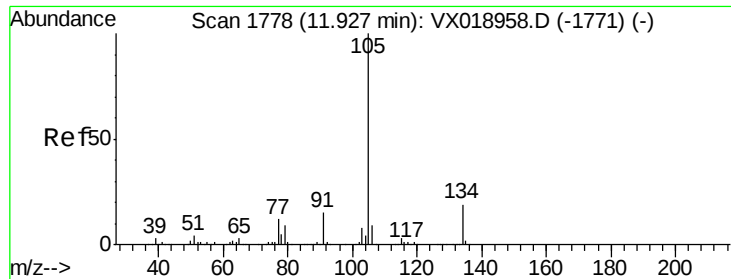
Tot Ion:119 Resp: 3703
Ion Ratio Lower Upper
119 100
91 58.8 27.2 81.6
134 21.6 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 1.064 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion:105 Resp: 3640
Ion Ratio Lower Upper
105 100
120 47.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 1.167 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

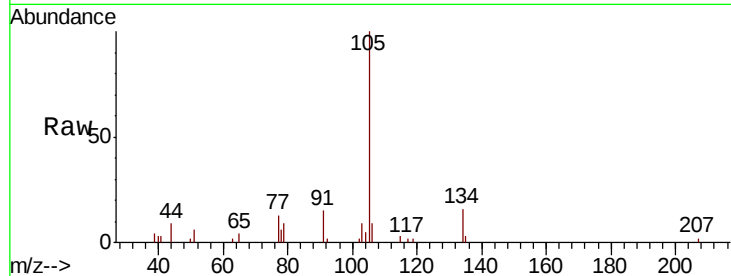
VSTDIC001

Tot Ion:105 Resp: 4424

Ion Ratio Lower Upper

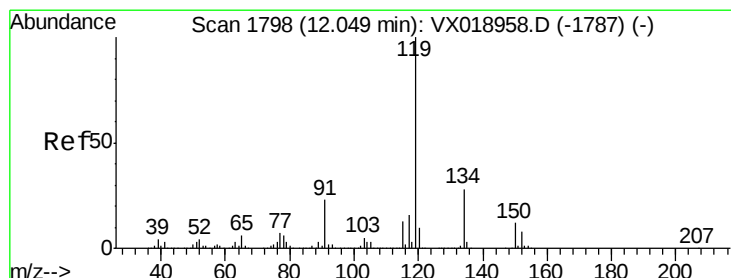
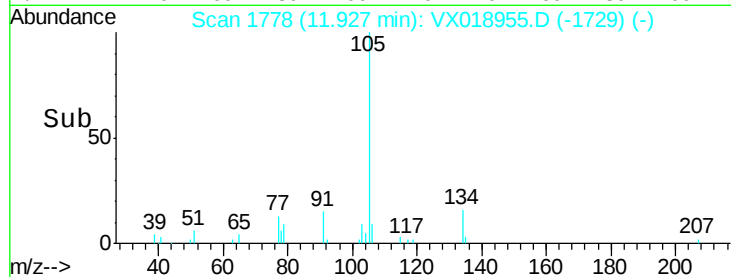
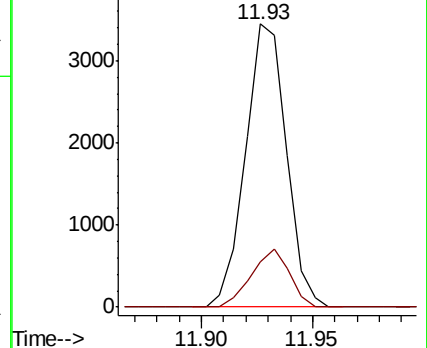
105 100

134 19.1 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.176 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

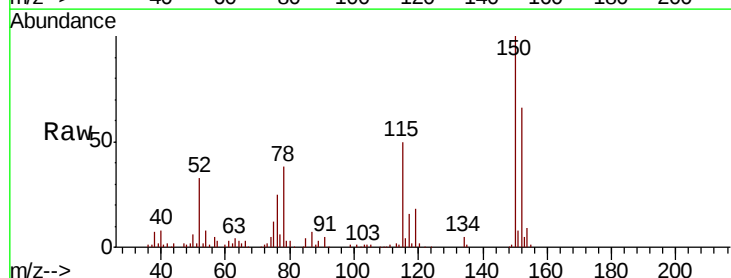
Tgt Ion:119 Resp: 4076

Ion Ratio Lower Upper

119 100

134 26.3 13.8 41.4

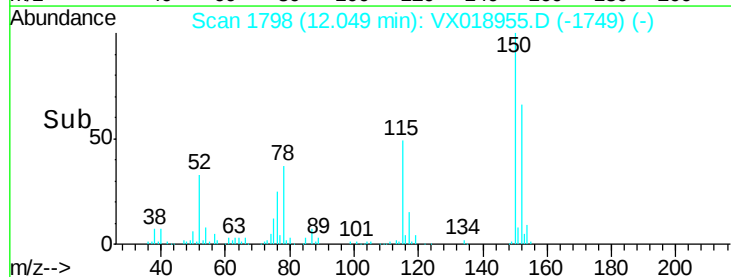
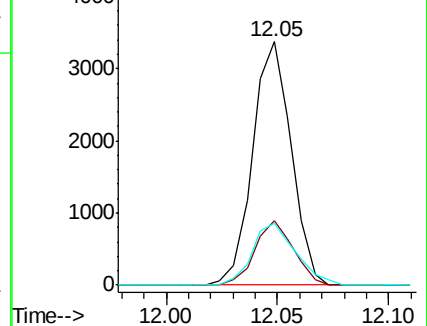
91 28.6 11.5 34.5

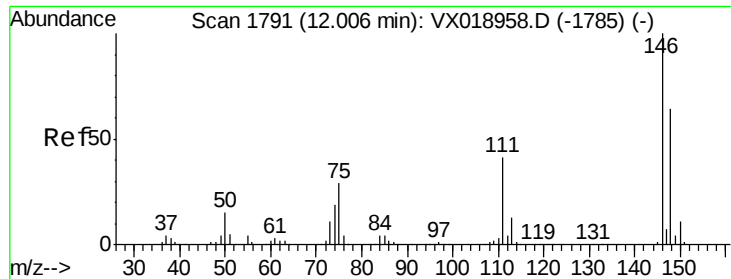


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

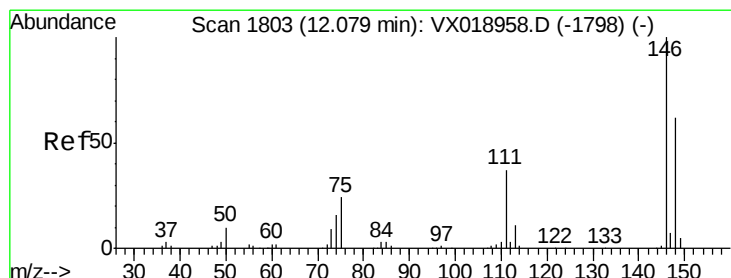
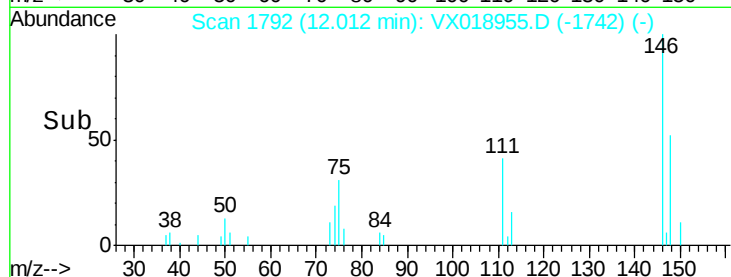
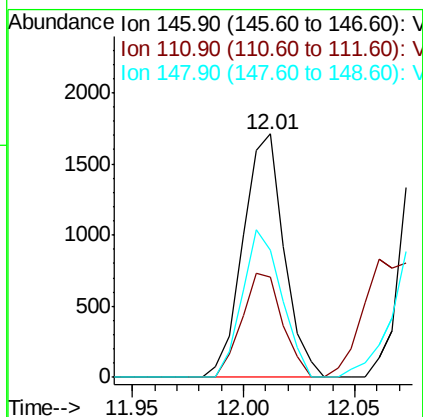
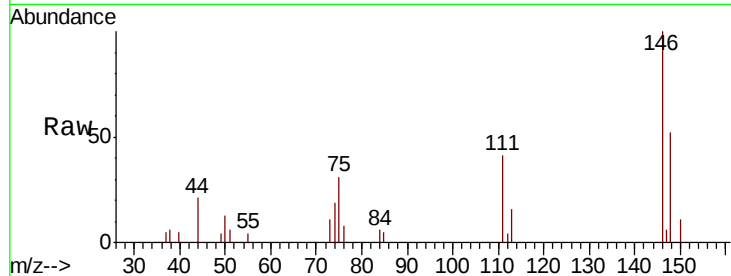




#87
 1,3-Dichlorobenzene
 Concen: 1.113 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

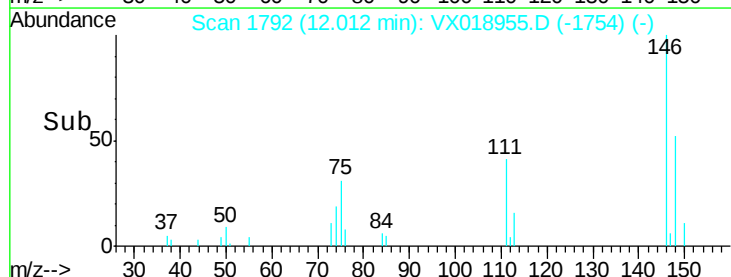
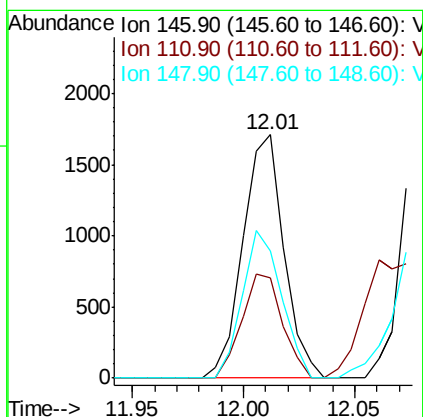
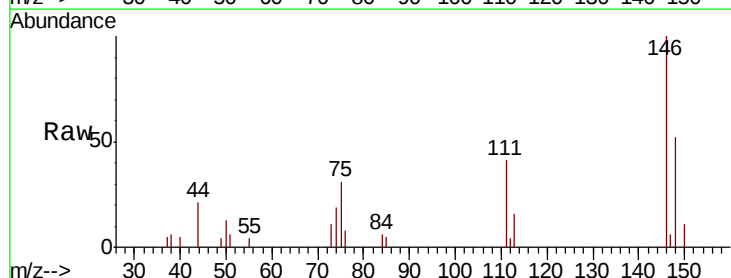
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

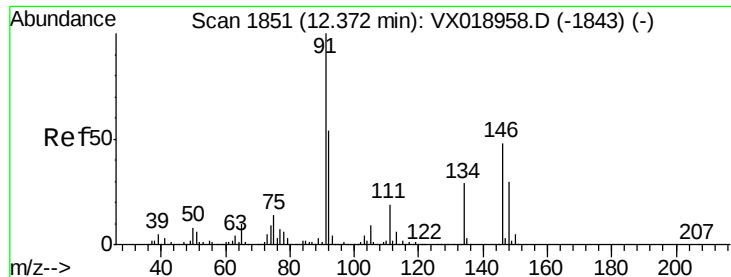
Tot Ion:146 Resp: 2195
 Ion Ratio Lower Upper
 146 100
 111 42.5 19.8 59.4
 148 57.8 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 1.105 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

Tgt Ion:146 Resp: 2195
 Ion Ratio Lower Upper
 146 100
 111 42.5 18.8 56.3
 148 57.8 31.7 95.1





#89

n-Butylbenzene

Concen: 1.179 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

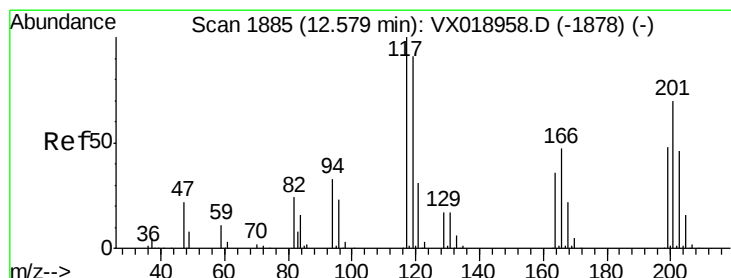
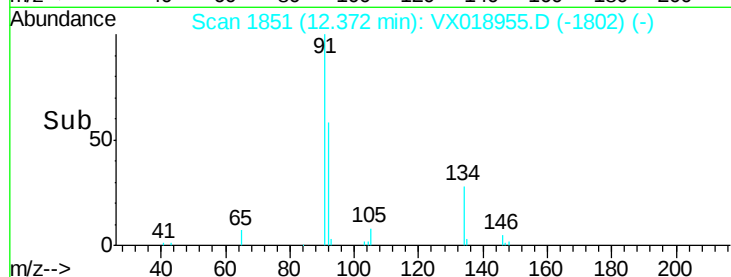
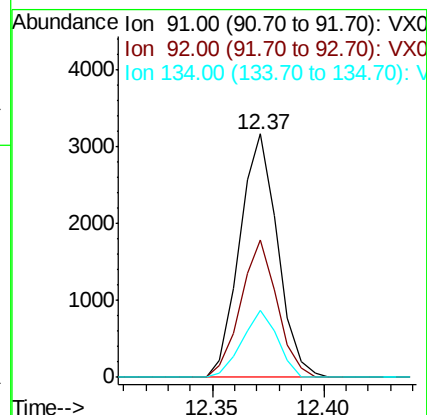
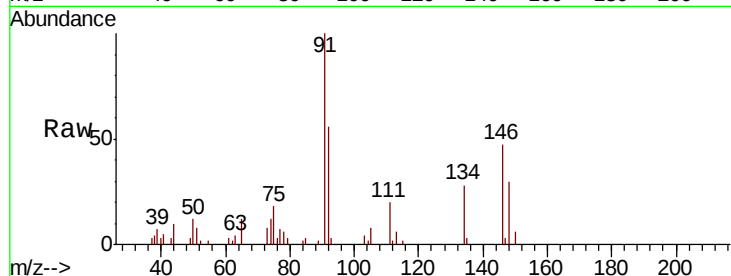
Tot Ion: 91 Resp: 3745

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.5

134 25.9 14.2 42.6



#90

Hexachloroethane

Concen: 0.943 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018955.D

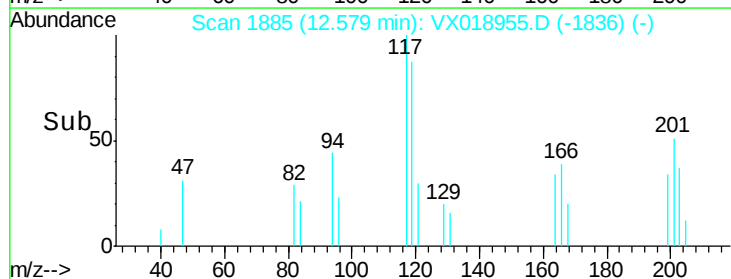
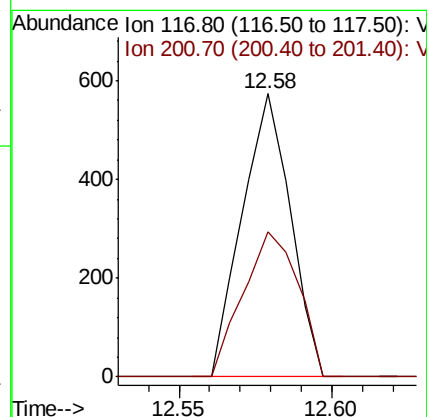
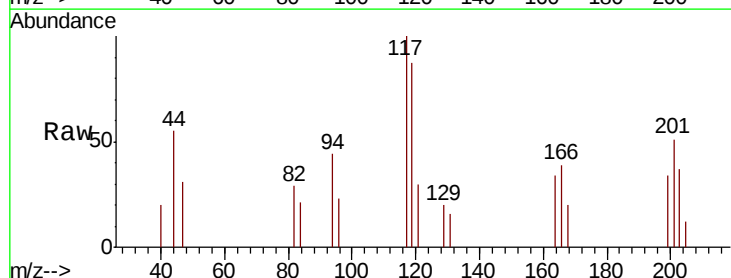
Acq: 19 Oct 2020 16:16

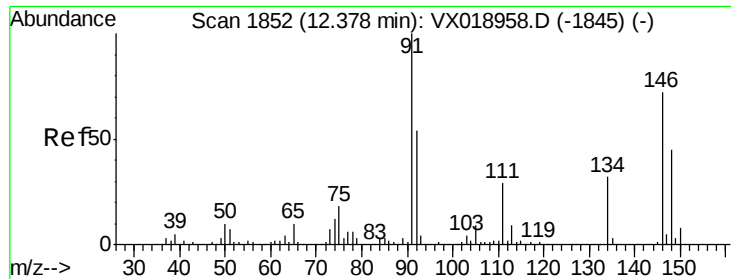
Tgt Ion: 117 Resp: 627

Ion Ratio Lower Upper

117 100

201 58.5 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 1.054 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

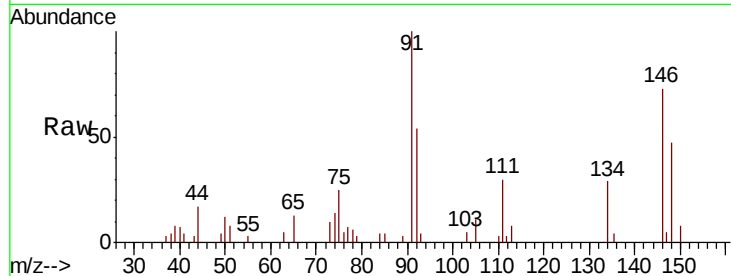
Tot Ion:146 Resp: 1963

Ion Ratio Lower Upper

146 100

111 42.1 20.2 60.6

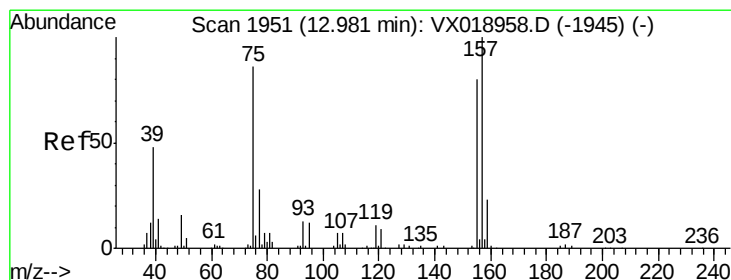
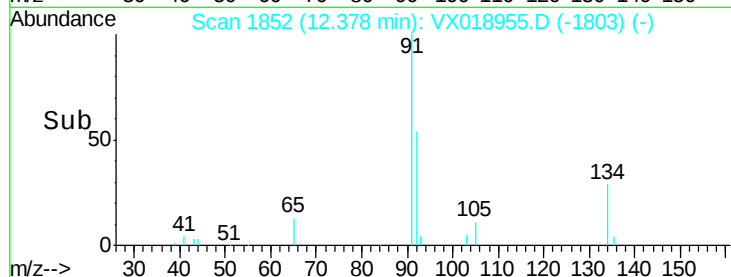
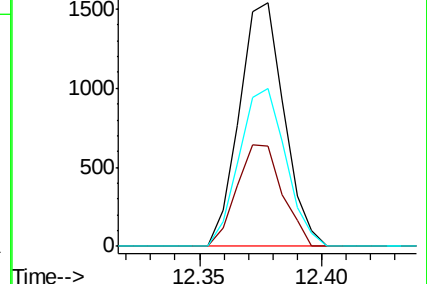
148 67.3 31.4 94.0



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: 0.917 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018955.D

Acq: 19 Oct 2020 16:16

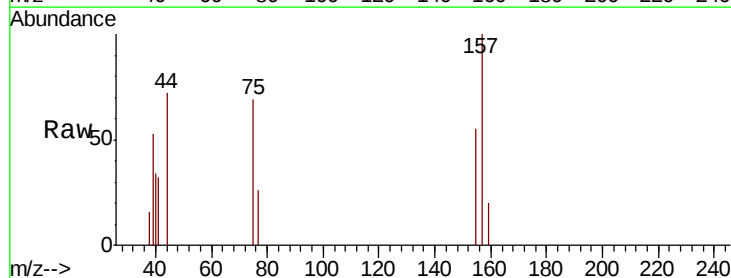
Tgt Ion: 75 Resp: 324

Ion Ratio Lower Upper

75 100

155 88.0 48.2 144.6

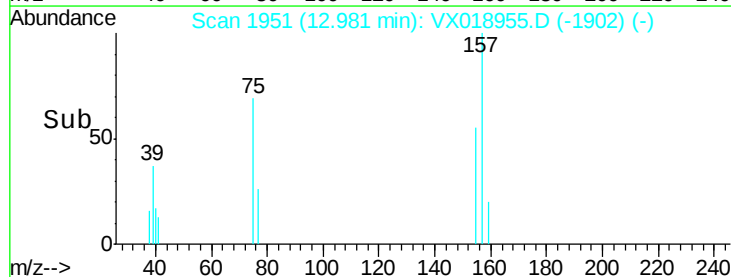
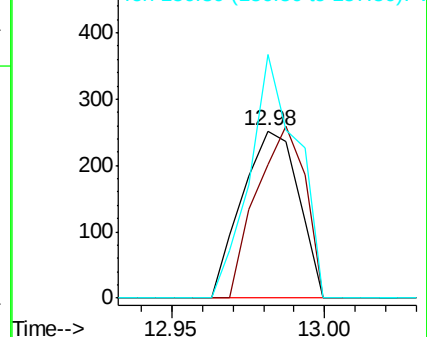
157 123.1 62.2 186.6

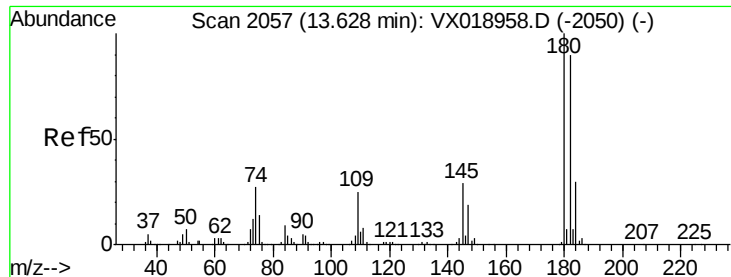


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

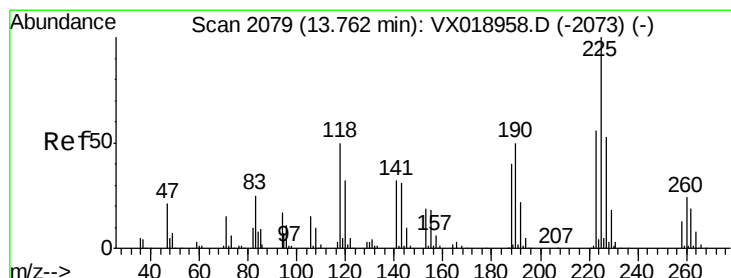
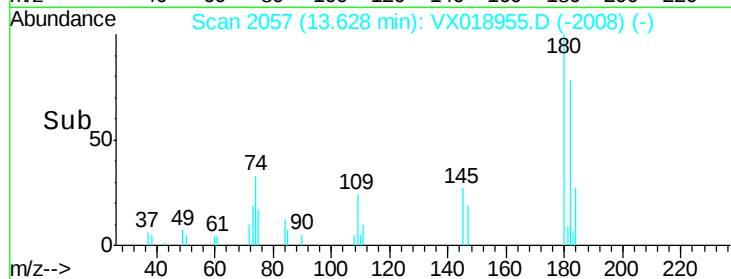
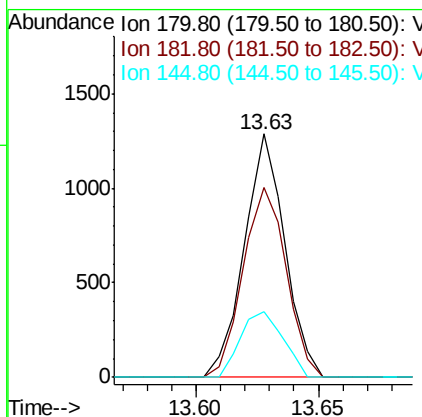
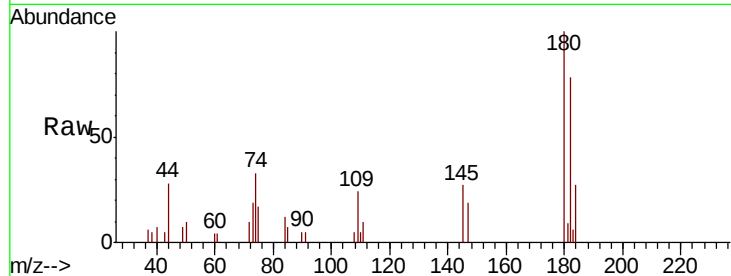




#93
 1,2,4-Trichlorobenzene
 Concen: 1.200 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

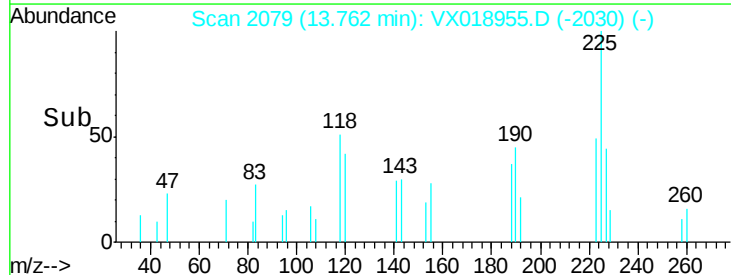
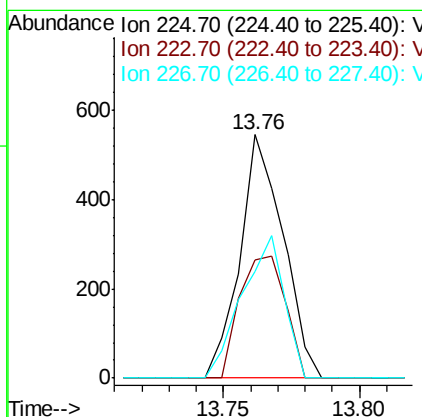
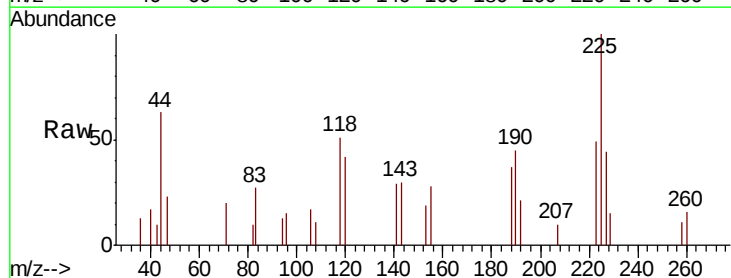
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

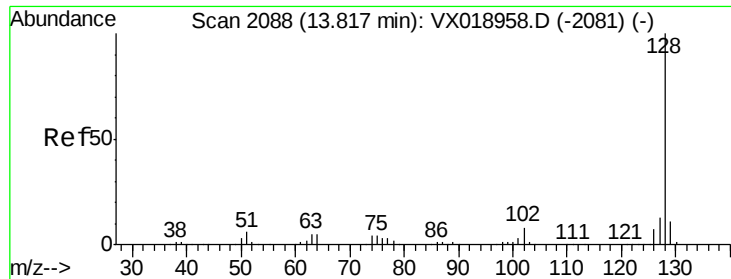
Tot Ion:180 Resp: 1491
 Ion Ratio Lower Upper
 180 100
 182 82.7 46.3 138.9
 145 28.2 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 1.207 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX018955.D
 Acq: 19 Oct 2020 16:16

Tgt Ion:225 Resp: 599
 Ion Ratio Lower Upper
 225 100
 223 52.9 31.4 94.0
 227 57.1 30.9 92.8

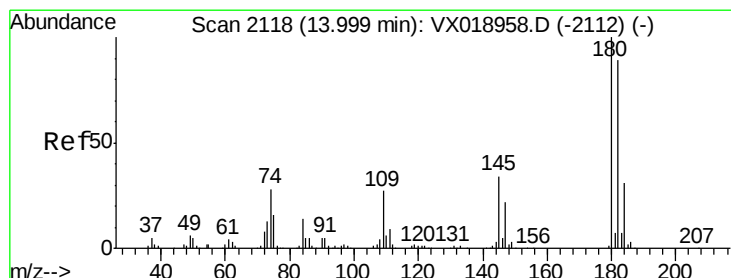
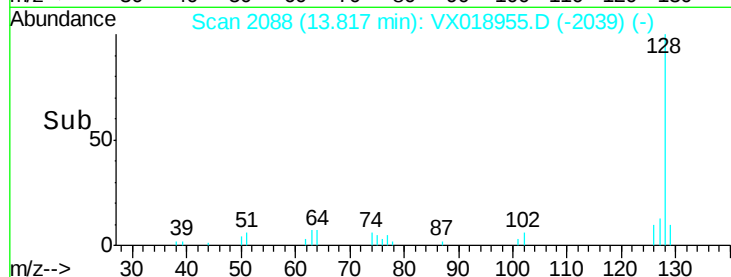
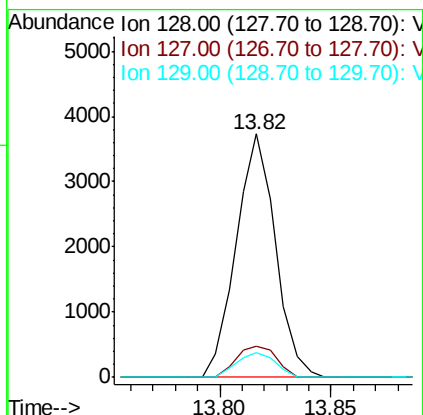
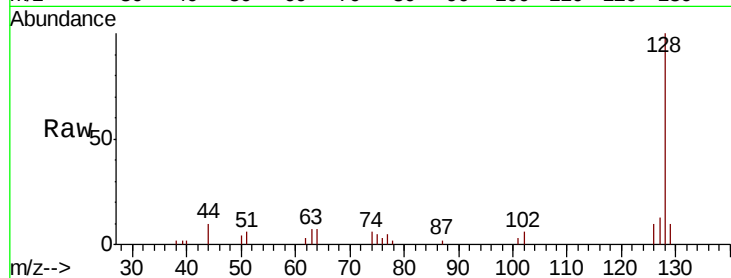




#95
Naphthalene
Concen: 1.111 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:128 Resp: 4571
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 1.055 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018955.D
Acq: 19 Oct 2020 16:16

Tgt Ion:180 Resp: 1298
Ion Ratio Lower Upper
180 100
182 98.6 46.6 139.7
145 36.8 17.0 51.0

