

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\
 Data File : VX019492.D
 Acq On : 20 Nov 2020 11:17
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Quant Time: Nov 21 01:41:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:38:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	284312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	460825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210707	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	357971	97.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	194.22%#	
35) Dibromofluoromethane		5.46	113	296777	102.60	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	205.20%#	
50) Toluene-d8		8.70	98	1113148	99.03	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	198.06%#	
62) 4-Bromofluorobenzene		11.12	95	417762	103.30	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	206.60%#	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	289364	104.660	ug/l	99
3) Chloromethane	1.31	50	315637	99.486	ug/l	99
4) Vinyl Chloride	1.39	62	352339	103.165	ug/l	100
5) Bromomethane	1.62	94	130105	100.575	ug/l	99
6) Chloroethane	1.69	64	78524	83.100	ug/l	98
7) Trichlorofluoromethane	1.89	101	499802	101.393	ug/l	100
8) Diethyl Ether	2.17	74	203815	103.241	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	283656	103.145	ug/l	99
10) Methyl Iodide	2.48	142	393037	108.790	ug/l	99
11) Tert butyl alcohol	3.06	59	341770	489.892	ug/l	99
12) 1,1-Dichloroethene	2.34	96	285409	101.115	ug/l	97
13) Acrolein	2.28	56	226883	483.809	ug/l	98
14) Allyl chloride	2.70	41	455174	102.937	ug/l	99
15) Acrylonitrile	3.12	53	854028	519.076	ug/l	99
16) Acetone	2.43	43	696492	488.569	ug/l	100
17) Carbon Disulfide	2.54	76	788098	103.930	ug/l	99
18) Methyl Acetate	2.75	43	349864	95.141	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1024956	105.198	ug/l	100
20) Methylene Chloride	2.83	84	342098	96.012	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	329896	103.156	ug/l	99
22) Diisopropyl ether	3.83	45	951078	103.971	ug/l	92
23) Vinyl Acetate	3.79	43	4136228	539.078	ug/l	100
24) 1,1-Dichloroethane	3.67	63	573340	102.472	ug/l	99
25) 2-Butanone	4.64	43	1085241	506.770	ug/l	100
26) 2,2-Dichloropropane	4.54	77	507737	103.966	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	380237	103.508	ug/l	100
28) Bromochloromethane	4.98	49	247598	92.560	ug/l	99
29) Tetrahydrofuran	5.09	42	691529	506.106	ug/l	100
30) Chloroform	5.18	83	601507	102.813	ug/l	99
31) Cyclohexane	5.54	56	501700	104.640	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	527595	104.982	ug/l	99
36) 1,1-Dichloropropene	5.76	75	451703	104.555	ug/l	99
37) Ethyl Acetate	4.80	43	426411	105.136	ug/l	99
38) Carbon Tetrachloride	5.75	117	458476	109.639	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	550674	109.472	ug/l	99
40) Benzene	6.11	78	1372962	103.433	ug/l	99
41) Methacrylonitrile	5.01	41	228641	102.229	ug/l	99
42) 1,2-Dichloroethane	6.16	62	466109	102.448	ug/l	100
43) Isopropyl Acetate	6.42	43	702624	103.057	ug/l	100
44) Trichloroethene	7.18	130	363822	104.638	ug/l	96
45) 1,2-Dichloropropane	7.49	63	341258	104.431	ug/l	99
46) Dibromomethane	7.63	93	236311	105.658	ug/l	98
47) Bromodichloromethane	7.87	83	476057	109.692	ug/l	99
48) Methyl methacrylate	7.74	41	345572	108.229	ug/l	100
49) 1,4-Dioxane	7.72	88	155063	2138.875	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2064495	519.280	ug/l	99
52) Toluene	8.76	92	852475	104.980	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	525440	112.104	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	576331	110.800	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	340444	102.943	ug/l	98
56) Ethyl methacrylate	9.16	69	520652	111.260	ug/l	99
57) 1,3-Dichloropropane	9.35	76	574795	103.813	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1389588	506.773	ug/l	99
59) 2-Hexanone	9.48	43	1594107	528.682	ug/l	99
60) Dibromochloromethane	9.57	129	361627	111.637	ug/l	99
61) 1,2-Dibromoethane	9.65	107	355574	104.307	ug/l	99
64) Tetrachloroethene	9.32	164	319689	100.345	ug/l	97
65) Chlorobenzene	10.12	112	886360	106.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	336343	110.965	ug/l	98
67) Ethyl Benzene	10.24	91	1588793	108.834	ug/l	96
68) m/p-Xylenes	10.34	106	1207200	221.961	ug/l	99
69) o-Xylene	10.68	106	574972	110.591	ug/l	100
70) Styrene	10.70	104	1007233	116.709	ug/l	100
71) Bromoform	10.84	173	266076	120.048	ug/l #	99
73) Isopropylbenzene	11.00	105	1554470	106.644	ug/l	99
74) N-amyl acetate	10.88	43	615778	112.740	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	530504	101.773	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	614010	133.529	ug/l	87
77) Bromobenzene	11.24	156	390327	104.897	ug/l	98
78) n-propylbenzene	11.34	91	1814632	108.519	ug/l	100
79) 2-Chlorotoluene	11.40	91	1073294	105.835	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1347731	110.220	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	181244	115.943	ug/l	97
82) 4-Chlorotoluene	11.49	91	1282154	107.399	ug/l	99
83) tert-Butylbenzene	11.76	119	1303315	110.173	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1365333	110.356	ug/l	99
85) sec-Butylbenzene	11.93	105	1548419	110.025	ug/l	100
86) p-Isopropyltoluene	12.05	119	1432861	112.139	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	720773	105.473	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	722856	102.691	ug/l	99
89) n-Butylbenzene	12.37	91	1317331	114.040	ug/l	99
90) Hexachloroethane	12.58	117	249251	116.575	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	721548	105.127	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	117343	110.345	ug/l	97

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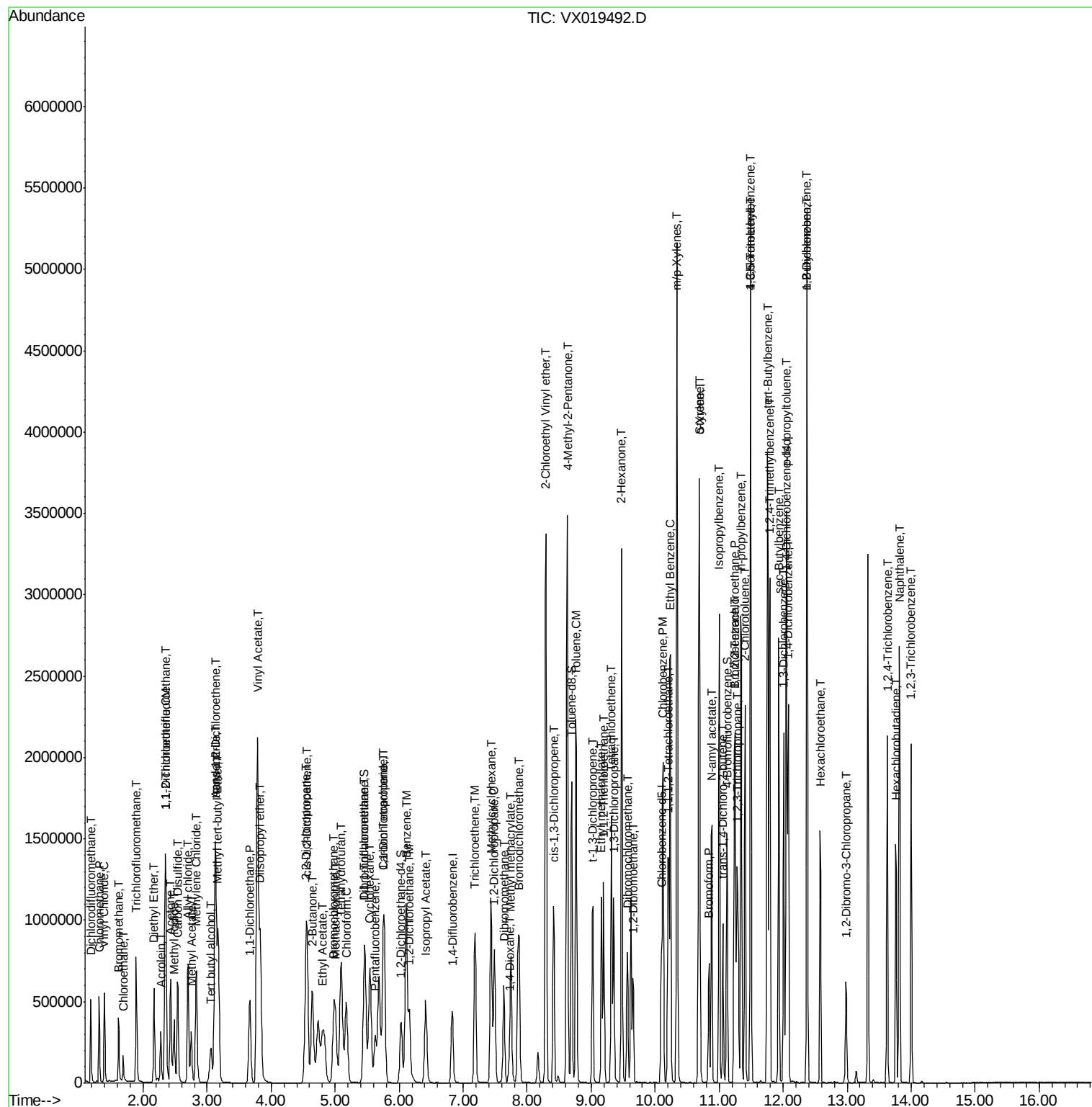
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	510105	115.761	ug/l	98
94) Hexachlorobutadiene	13.76	225	217291	108.247	ug/l	96
95) Naphthalene	13.82	128	1616165	118.473	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	494395	112.167	ug/l	100

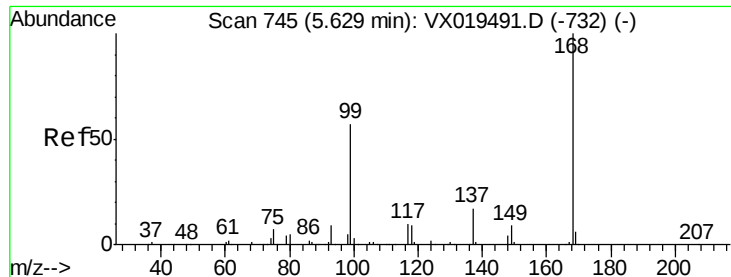
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

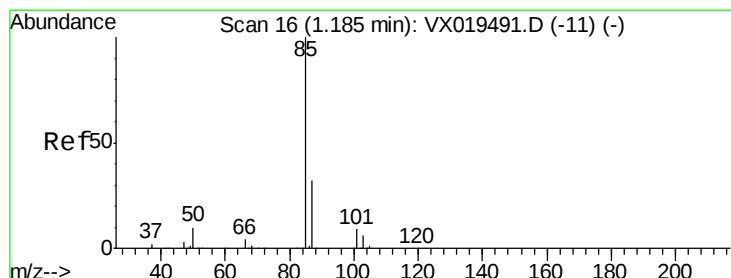
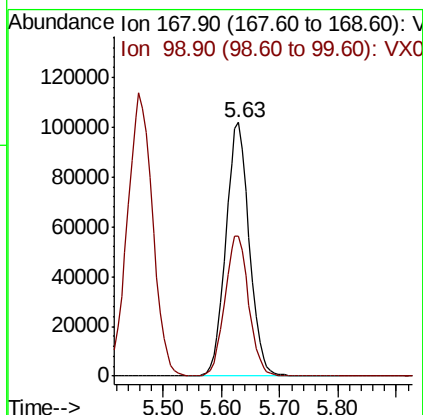
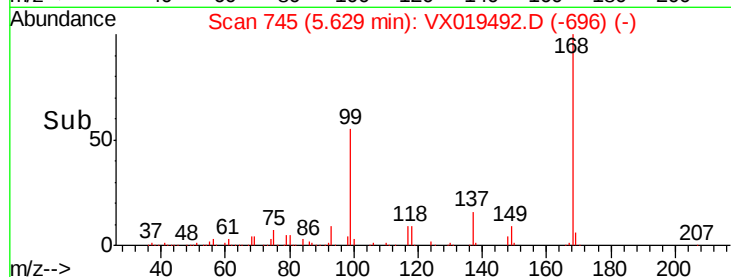
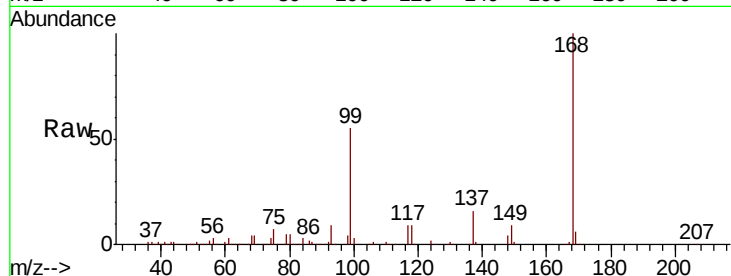
VSTDICC100

Tot Ion:168 Resp: 284312

Ion Ratio Lower Upper

168 100

99 54.9 45.8 68.6



#2

Dichlorodifluoromethane

Concen: 104.660 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019492.D

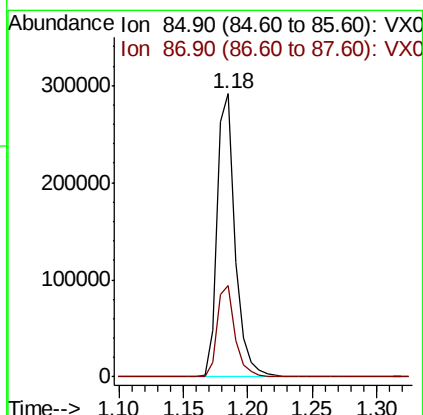
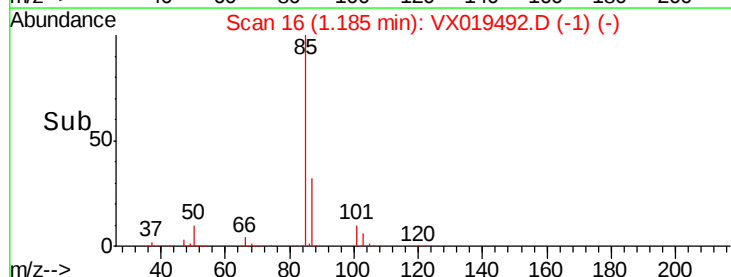
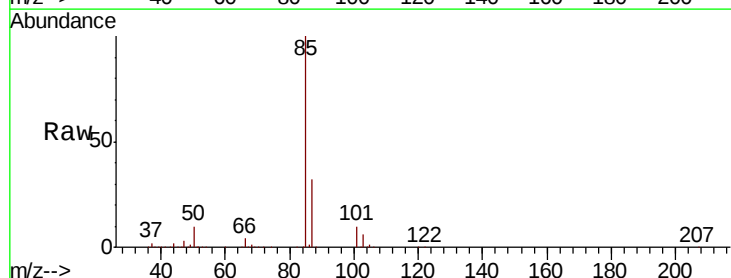
Acq: 20 Nov 2020 11:17

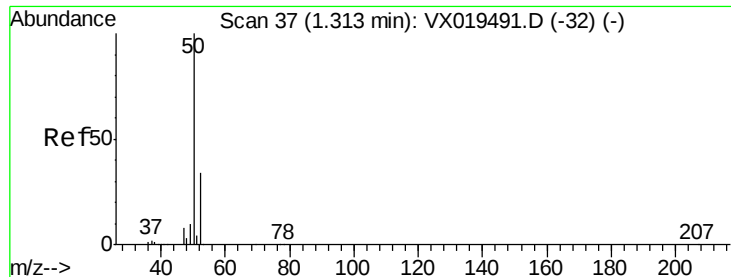
Tgt Ion: 85 Resp: 289364

Ion Ratio Lower Upper

85 100

87 32.3 16.0 47.9





#3

Chloromethane

Concen: 99.486 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

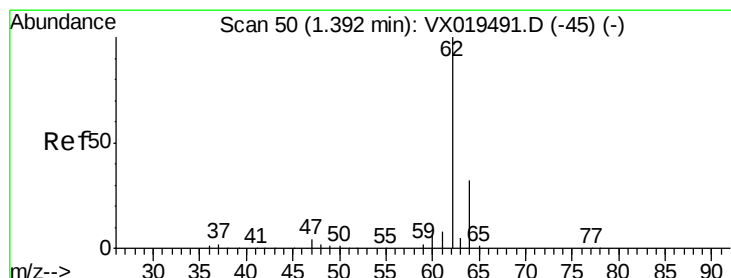
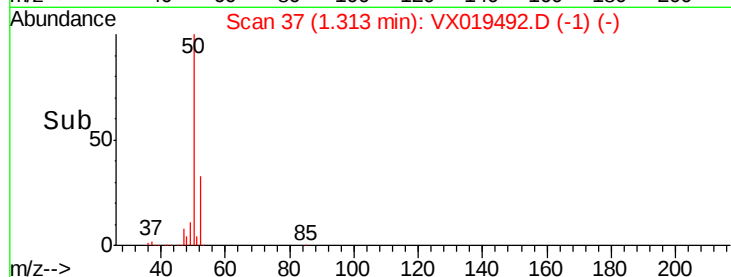
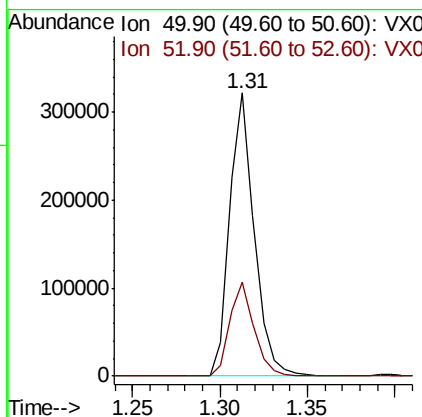
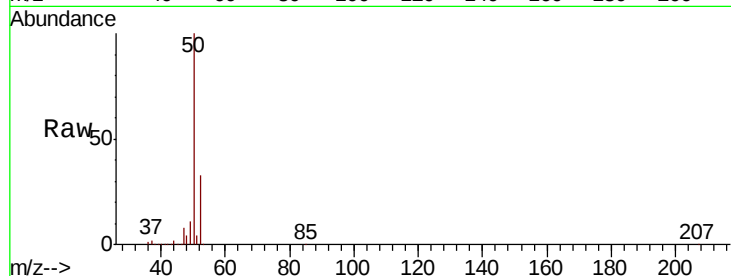
VSTDIC100

Tot Ion: 50 Resp: 315637

Ion Ratio Lower Upper

50 100

52 33.1 27.0 40.6



#4

Vinyl Chloride

Concen: 103.165 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019492.D

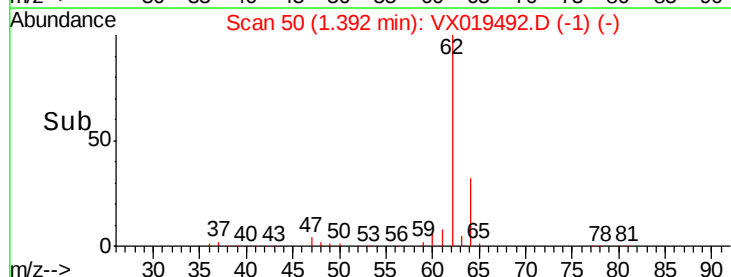
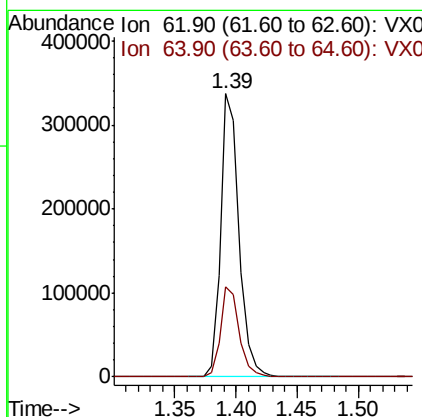
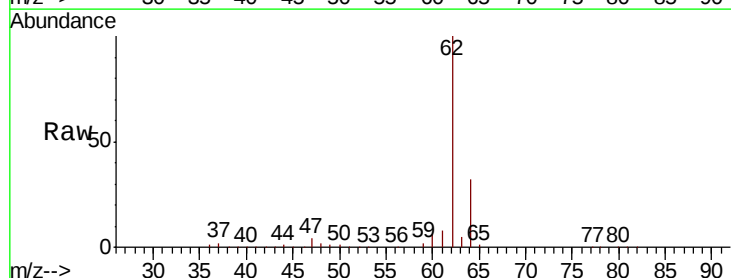
Acq: 20 Nov 2020 11:17

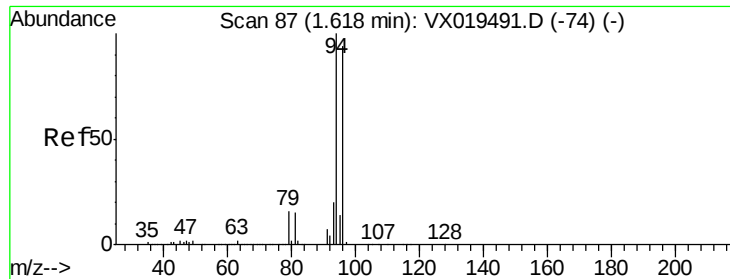
Tgt Ion: 62 Resp: 352339

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 100.575 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

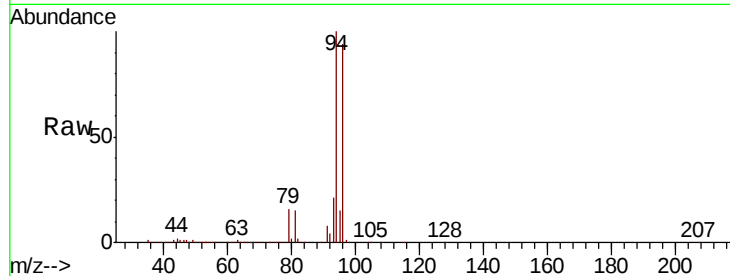
VSTDIC100

Tot Ion: 94 Resp: 130105

Ion Ratio Lower Upper

94 100

96 93.8 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

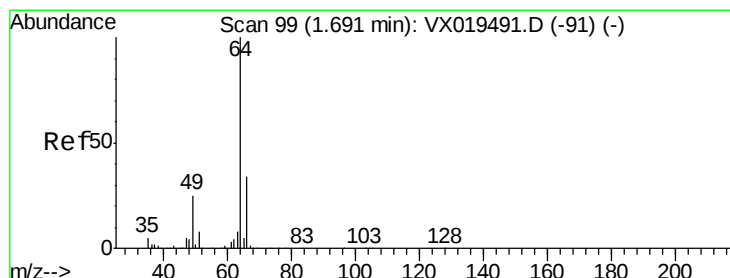
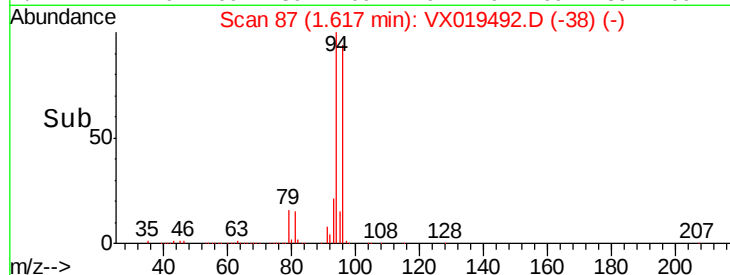
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 83.100 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.00 min

Lab File: VX019492.D

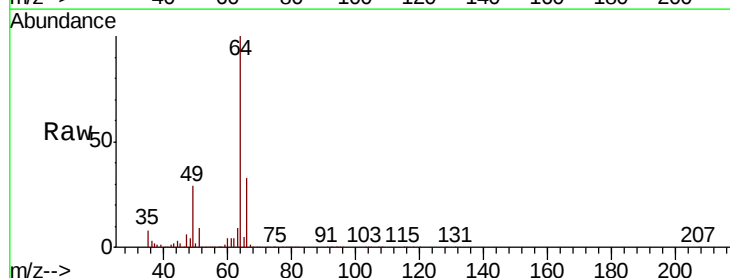
Acq: 20 Nov 2020 11:17

Tgt Ion: 64 Resp: 78524

Ion Ratio Lower Upper

64 100

66 32.5 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.69

80000

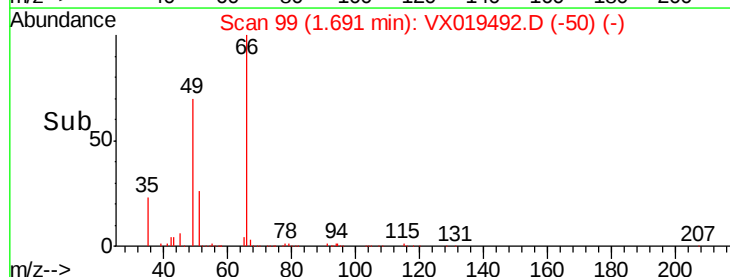
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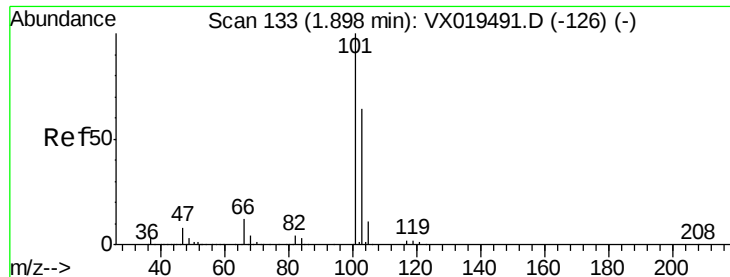
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Time-->



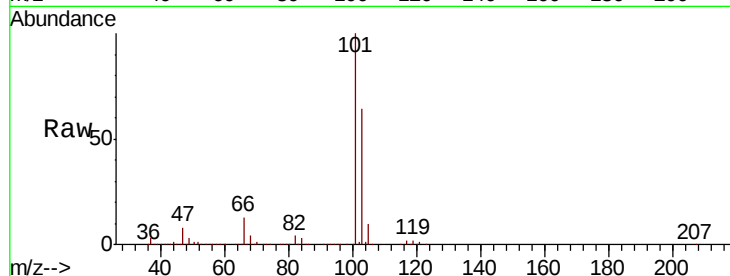


#7

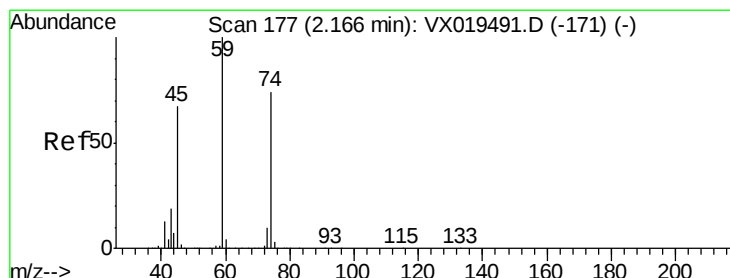
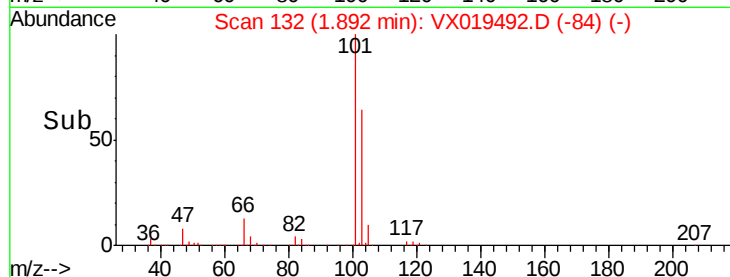
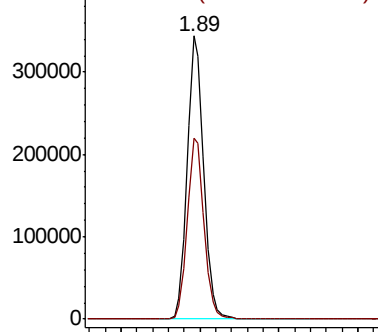
Trichlorofluoromethane
Concen: 101.393 ug/l
RT: 1.89 min Scan# 132
Delta R.T. -0.01 min
Lab File: VX019492.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:101 Resp: 499802
Ion Ratio Lower Upper
101 100
103 63.7 50.9 76.3



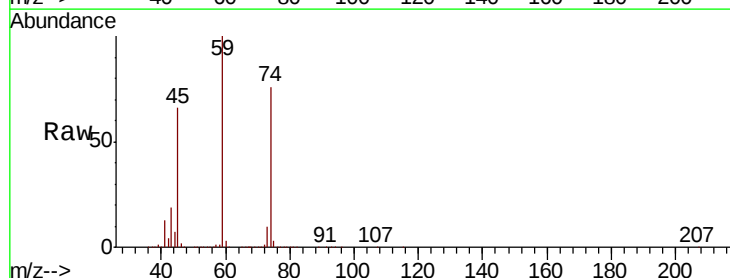
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



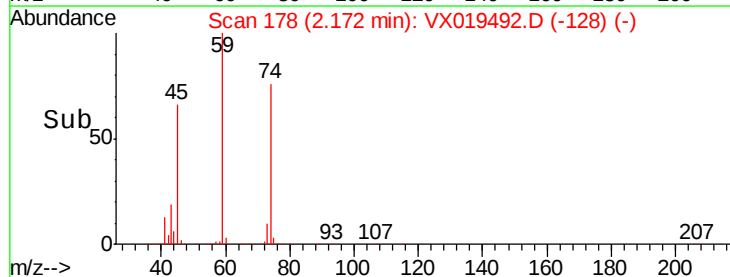
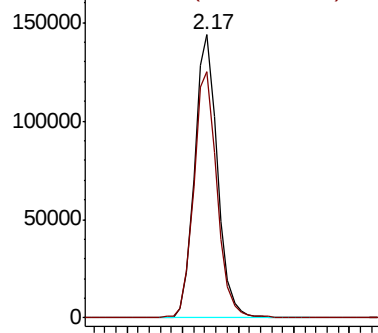
#8

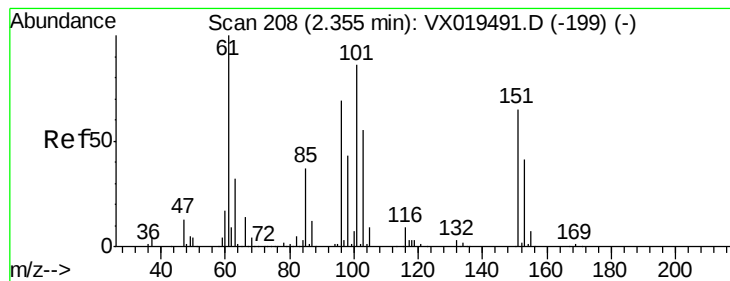
Diethyl Ether
Concen: 103.241 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019492.D
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Tgt Ion: 74 Resp: 203815
Ion Ratio Lower Upper
74 100
45 88.1 44.4 133.2



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.145 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019492.D

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VSTDIC100

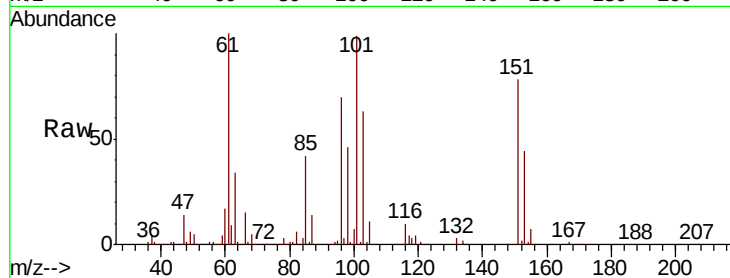
Tot Ion:101 Resp: 283656

Ion Ratio Lower Upper

101 100

85 43.0 33.9 50.9

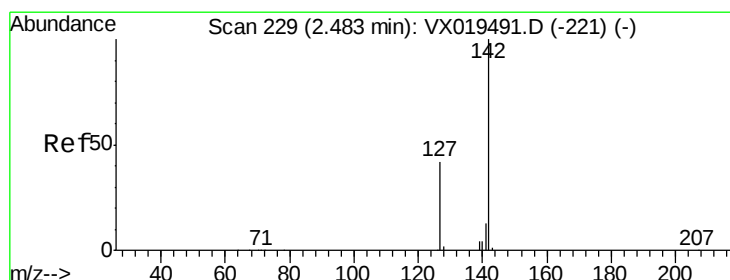
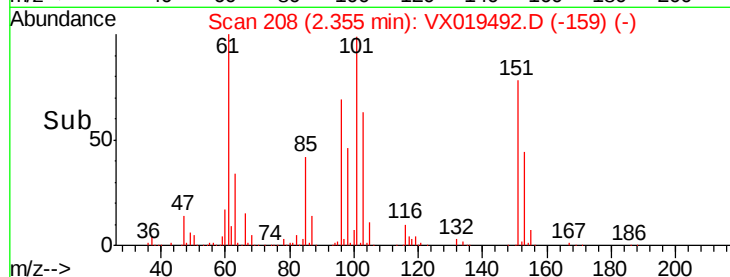
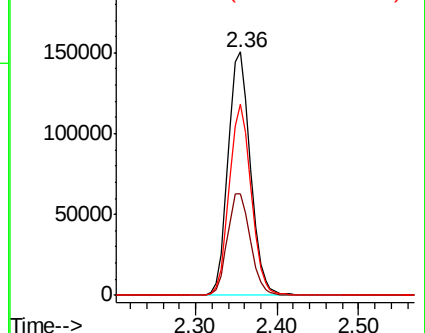
151 77.1 60.9 91.3



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: 108.790 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

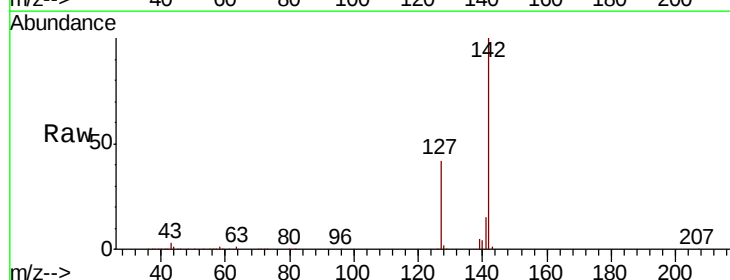
Tgt Ion:142 Resp: 393037

Ion Ratio Lower Upper

142 100

127 42.6 33.8 50.6

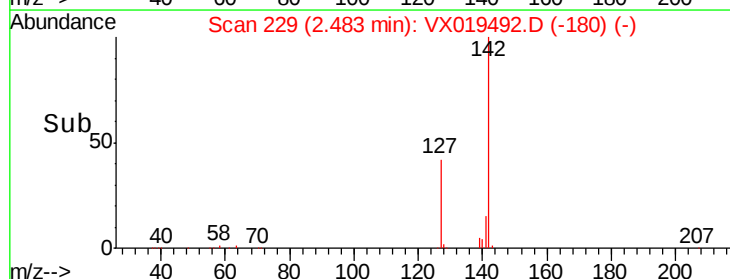
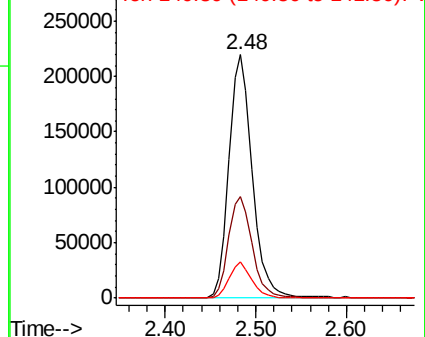
141 14.4 11.0 16.6

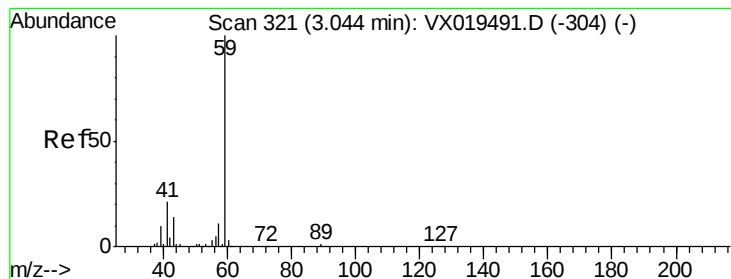


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



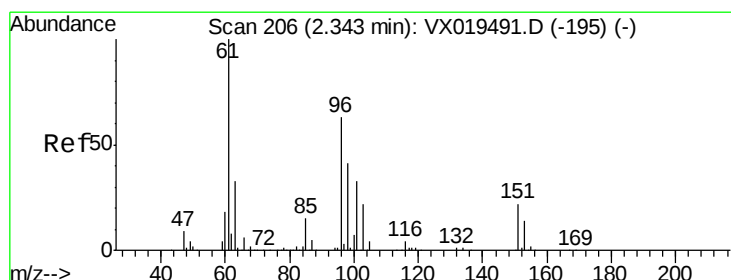
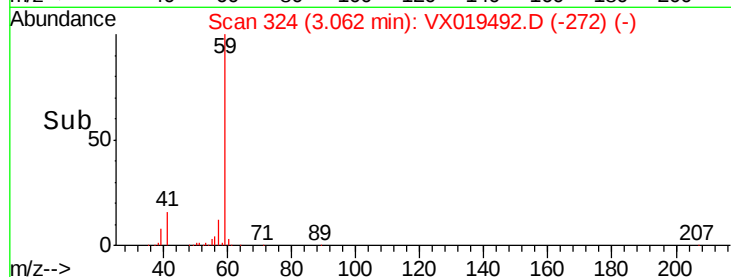
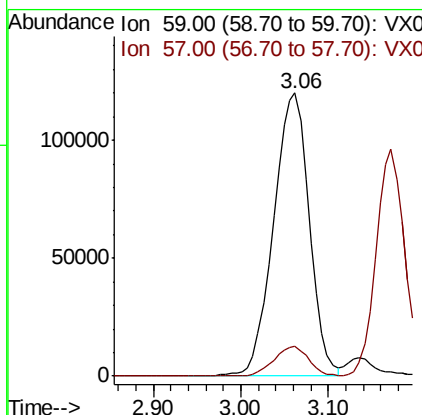
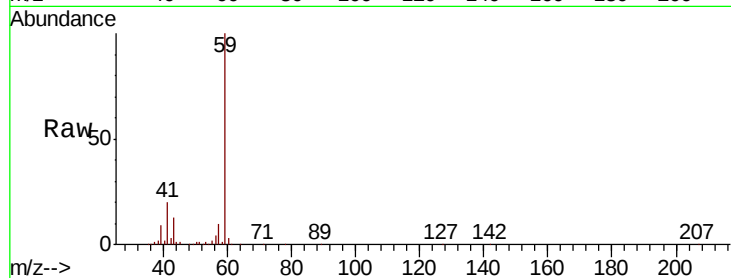


#11

Tert butyl alcohol
 Concen: 489.892 ug/l
 RT: 3.06 min Scan# 324
 Delta R.T. 0.02 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

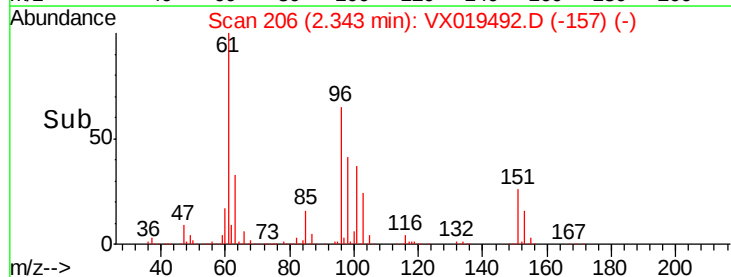
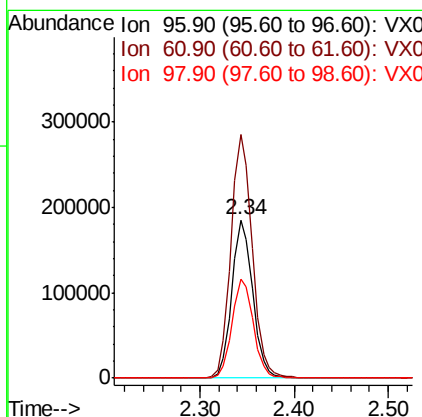
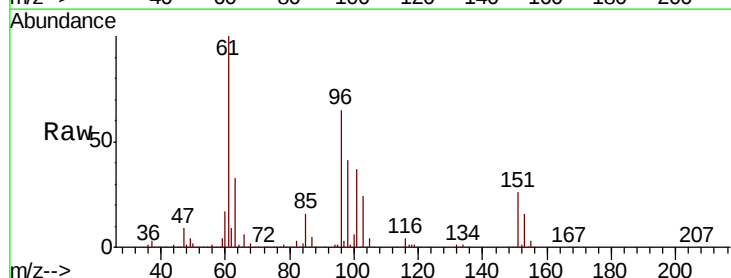
Tot Ion: 59 Resp: 341770
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.9 11.9

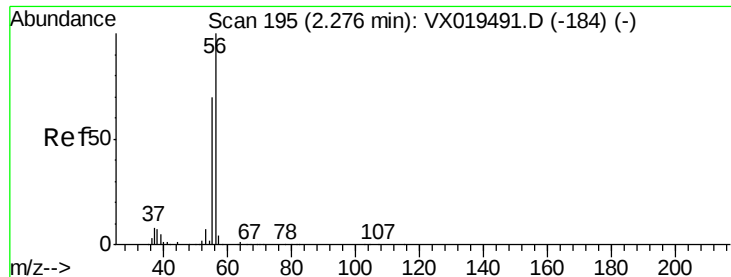


#12

1,1-Dichloroethene
 Concen: 101.115 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion: 96 Resp: 285409
 Ion Ratio Lower Upper
 96 100
 61 154.3 126.0 189.0
 98 62.5 52.0 78.0





#13

Acrolein

Concen: 483.809 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

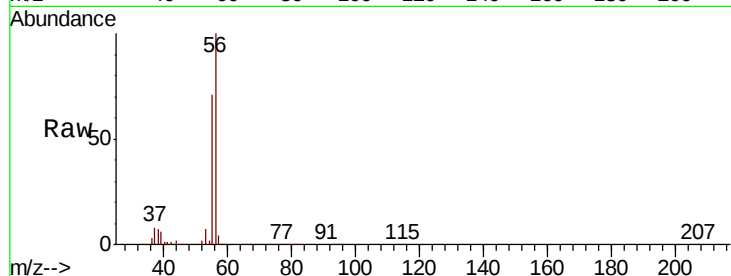
VSTDIC100

Tot Ion: 56 Resp: 226883

Ion Ratio Lower Upper

56 100

55 70.9 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

150000

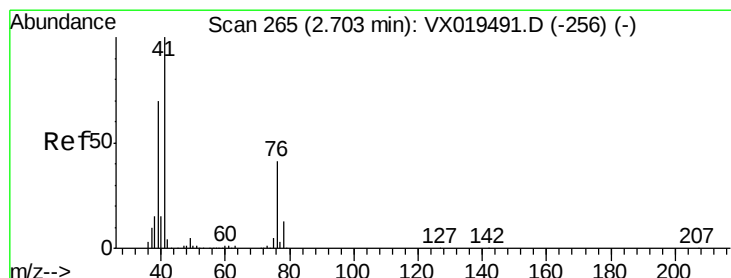
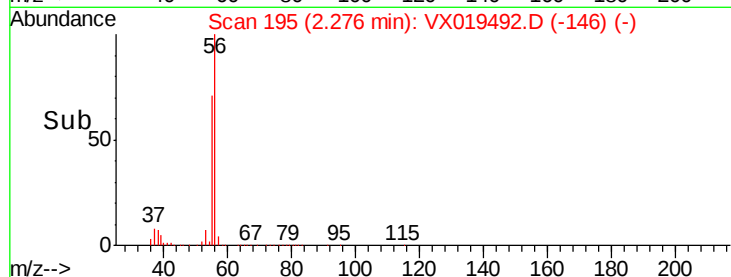
100000

50000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 102.937 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

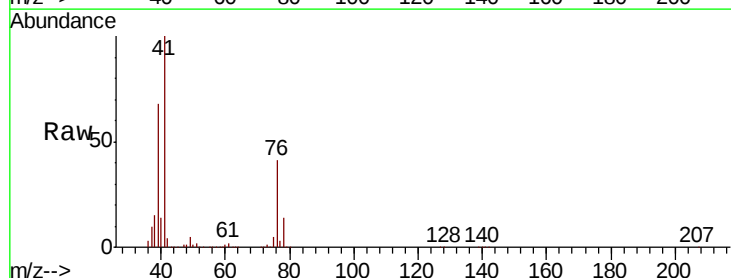
Tgt Ion: 41 Resp: 455174

Ion Ratio Lower Upper

41 100

39 65.8 53.0 79.4

76 39.2 31.0 46.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.70

300000

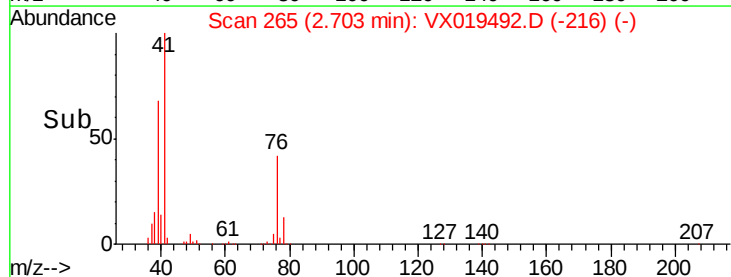
200000

100000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 519.076 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

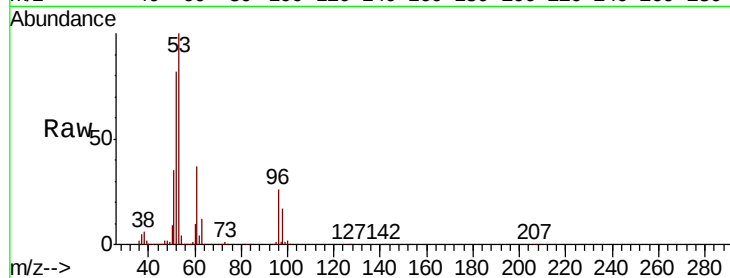
Tot Ion: 53 Resp: 854028

Ion Ratio Lower Upper

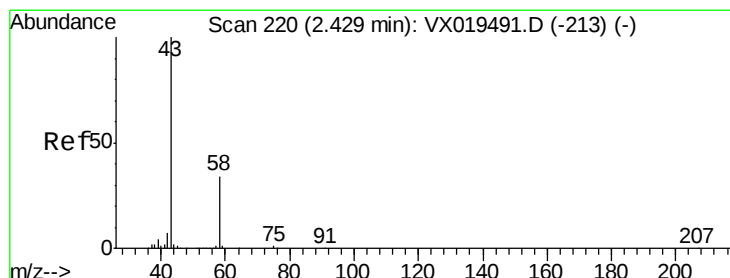
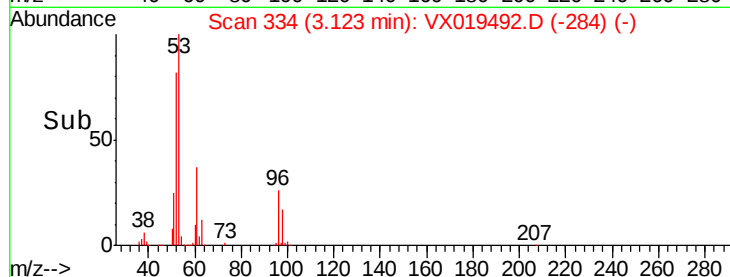
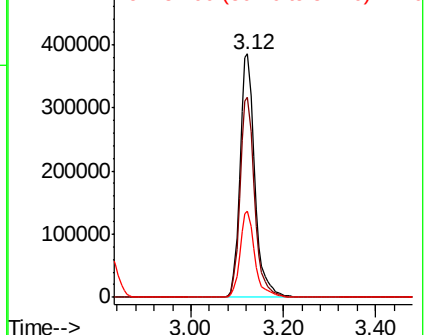
53 100

52 81.4 66.2 99.2

51 35.0 28.5 42.7



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: 488.569 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019492.D

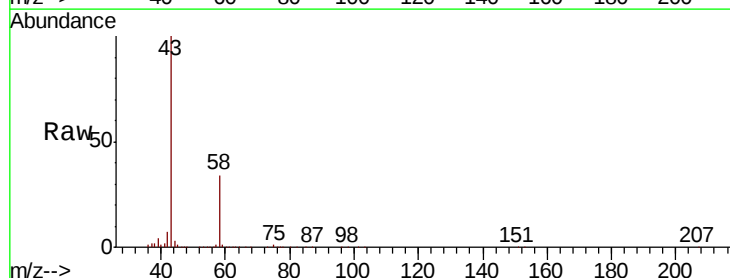
Acq: 20 Nov 2020 11:17

Tgt Ion: 43 Resp: 696492

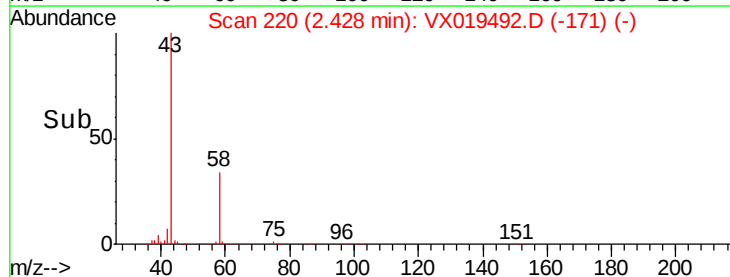
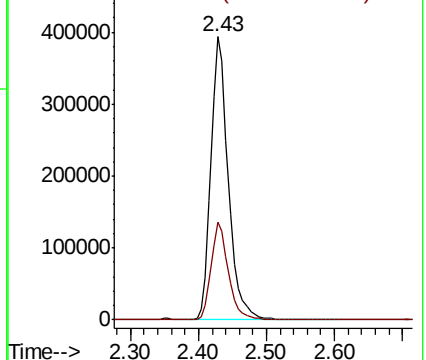
Ion Ratio Lower Upper

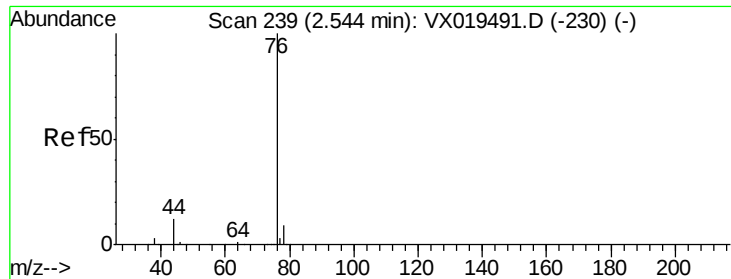
43 100

58 34.4 27.4 41.2



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





#17

Carbon Disulfide

Concen: 103.930 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

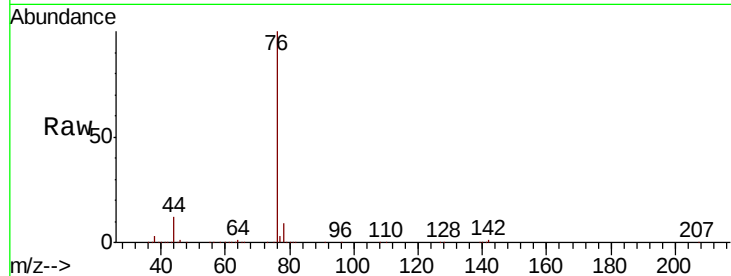
VSTDIC100

Tot Ion: 76 Resp: 788098

Ion Ratio Lower Upper

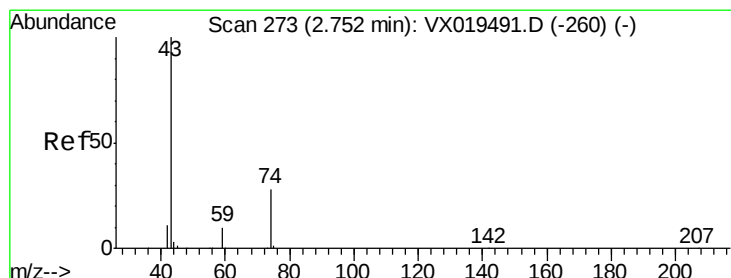
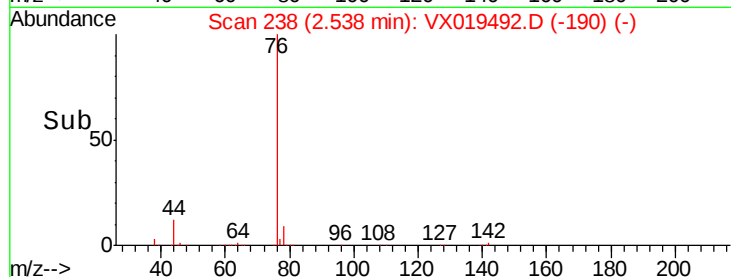
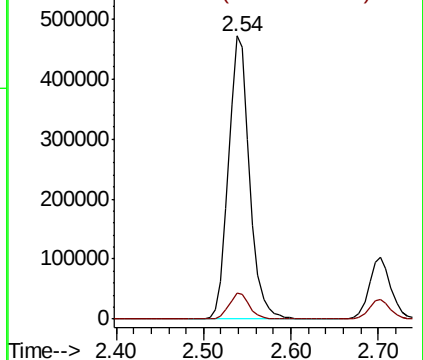
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 95.141 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX019492.D

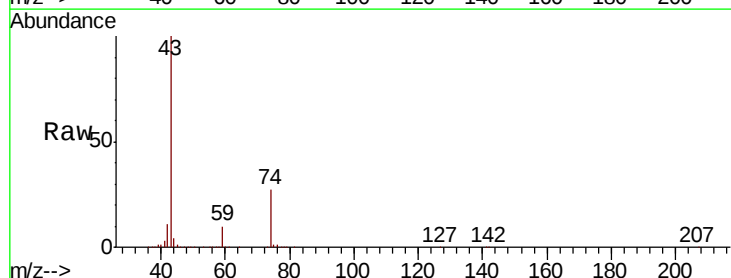
Acq: 20 Nov 2020 11:17

Tgt Ion: 43 Resp: 349864

Ion Ratio Lower Upper

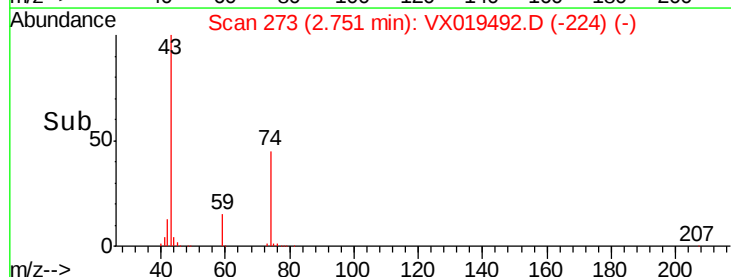
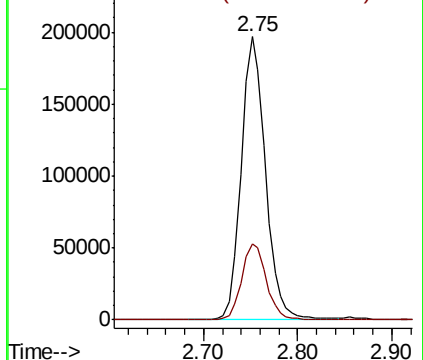
43 100

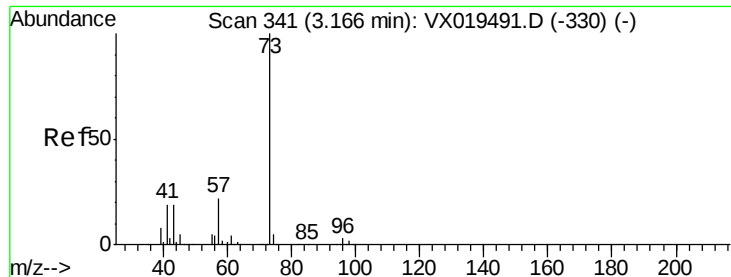
74 27.9 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

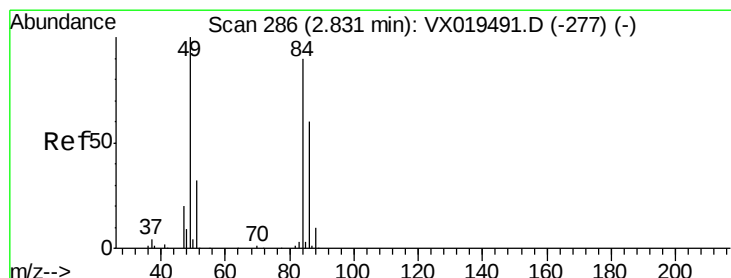
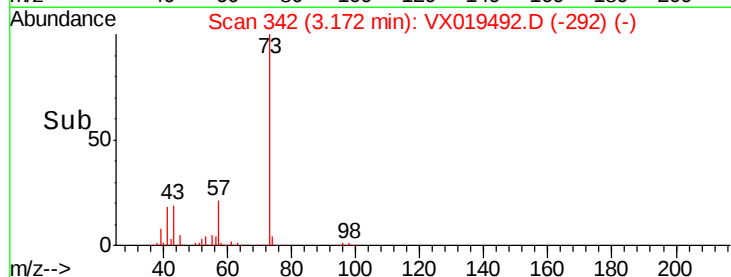
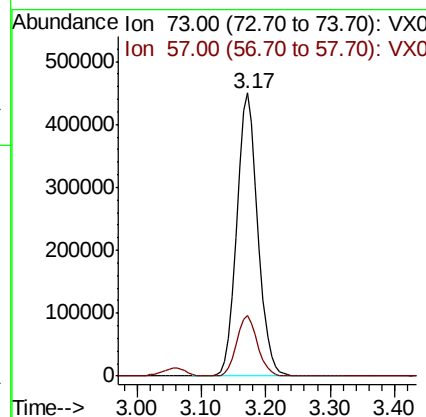
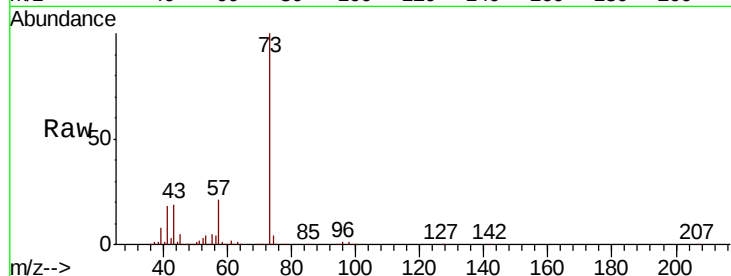




#19
Methvl tert-butvl Ether
Concen: 105.198 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

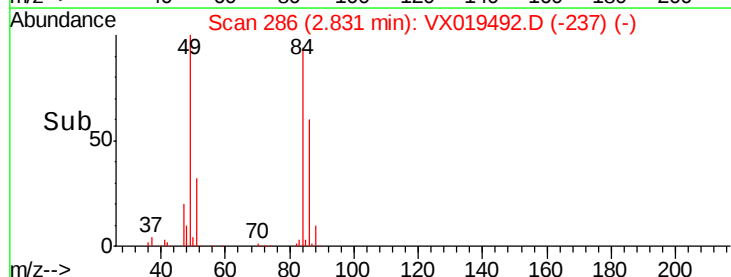
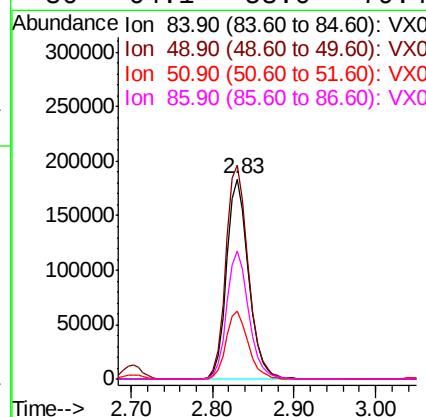
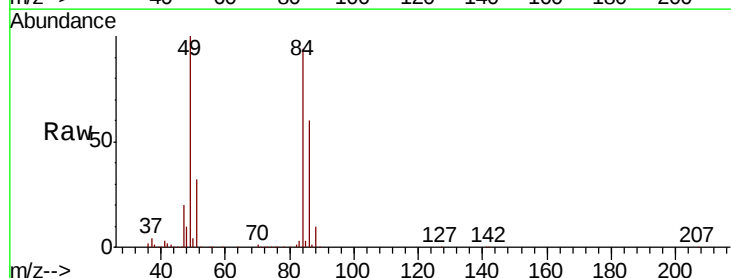
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

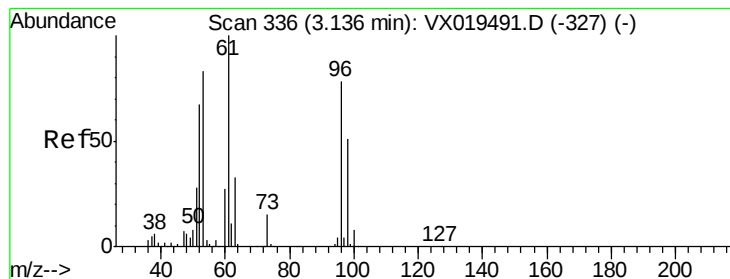
Tot Ion: 73 Resp: 1024956
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 96.012 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion: 84 Resp: 342098
Ion Ratio Lower Upper
84 100
49 106.7 88.5 132.7
51 33.8 28.0 42.0
86 64.1 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 103.156 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

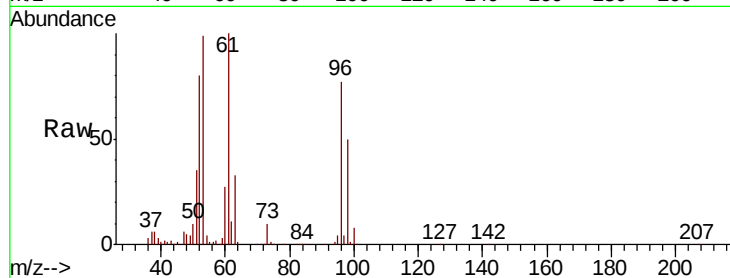
Tot Ion: 96 Resp: 329896

Ion Ratio Lower Upper

96 100

61 129.3 102.9 154.3

98 64.0 52.1 78.1

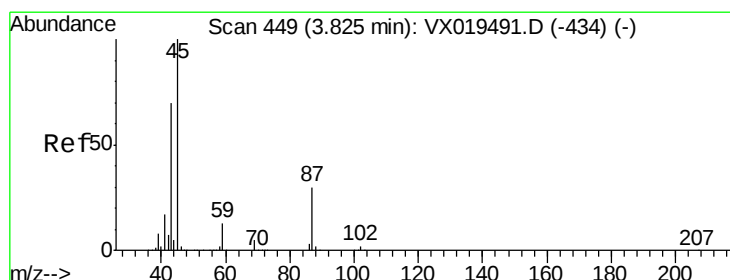
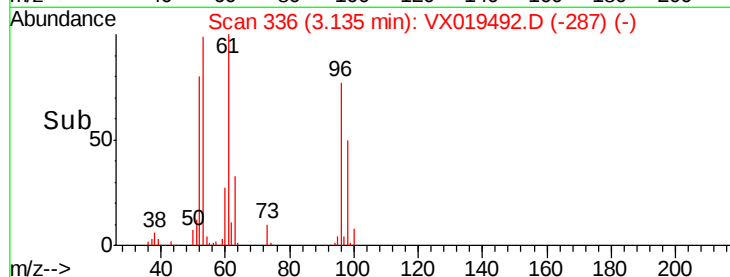
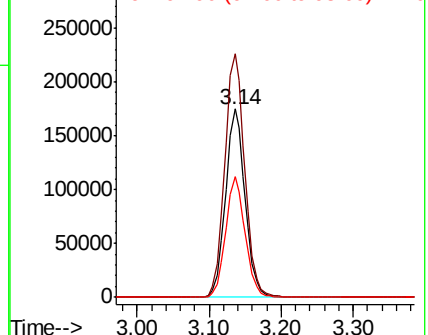


Abundance

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: 103.971 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Tgt Ion: 45 Resp: 951078

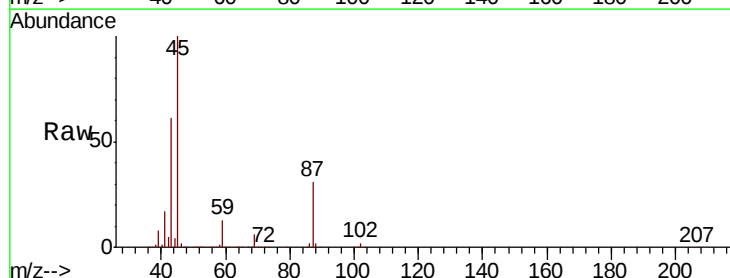
Ion Ratio Lower Upper

45 100

43 60.7 56.1 84.1

87 31.1 24.2 36.2

59 12.9 10.2 15.2



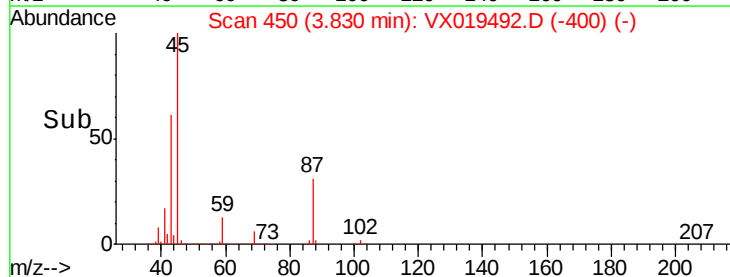
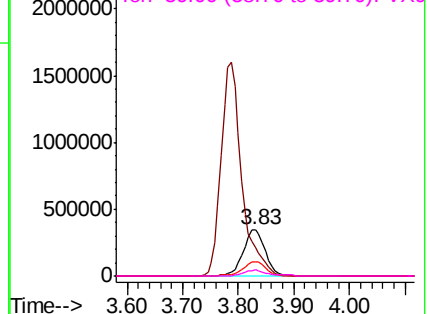
Abundance

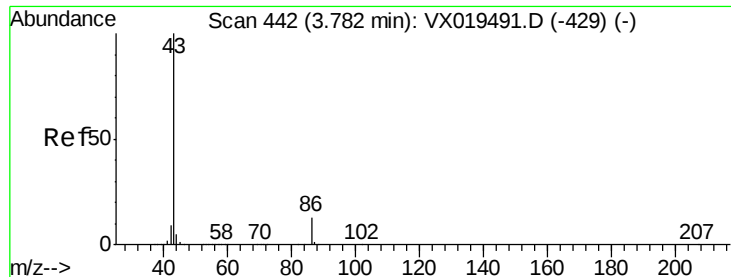
Ion 45.00 (44.70 to 45.70): VX0

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: 539.078 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

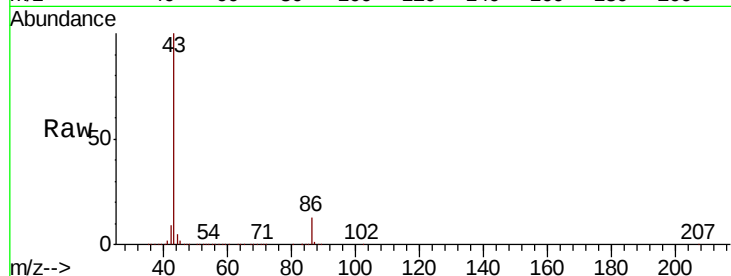
VSTDICC100

Tot Ion: 43 Resp: 4136228

Ion Ratio Lower Upper

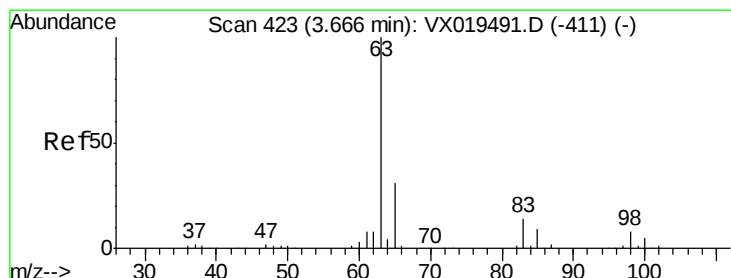
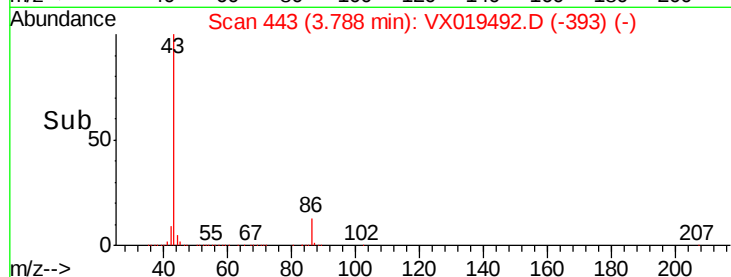
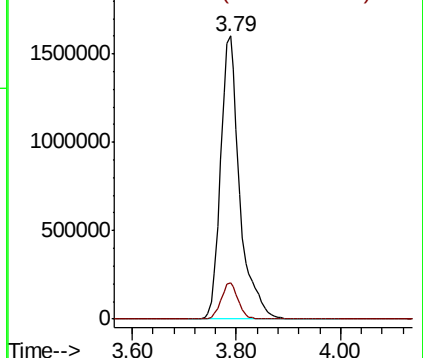
43 100

86 12.9 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 102.472 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

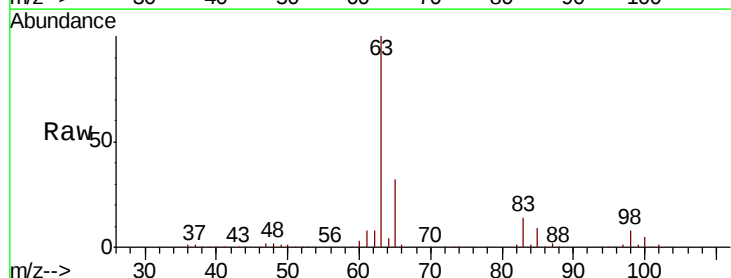
Tgt Ion: 63 Resp: 573340

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

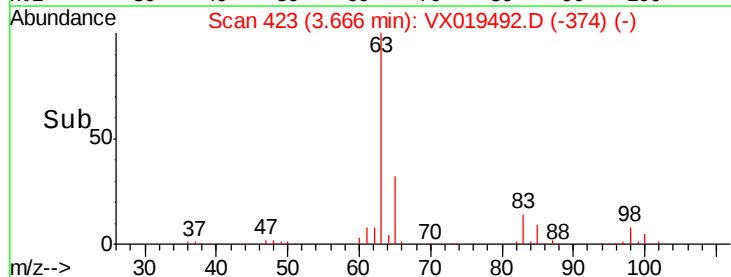
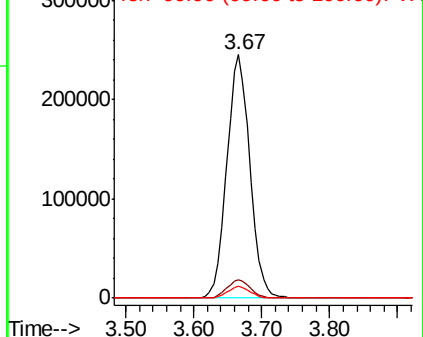
100 4.8 2.4 7.1

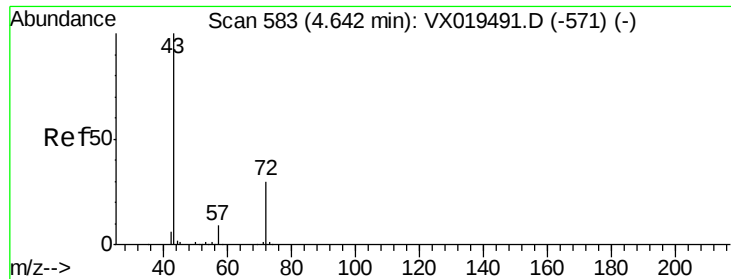


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 506.770 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

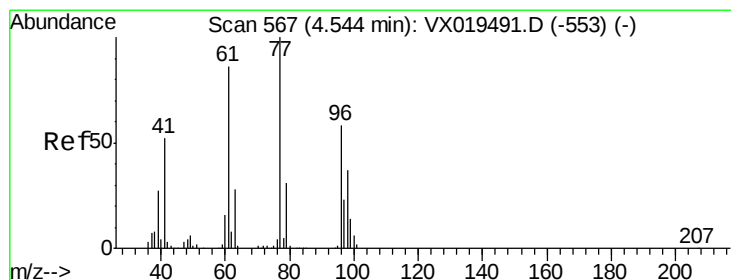
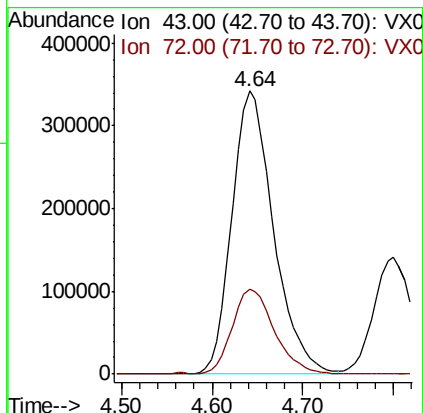
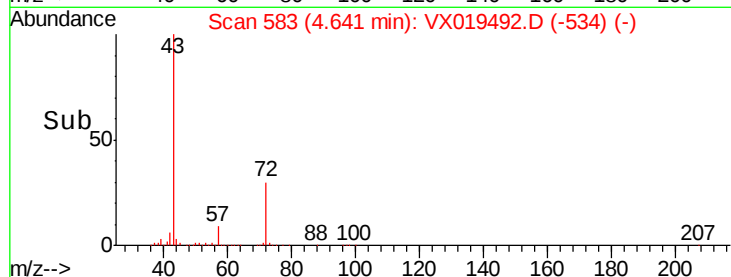
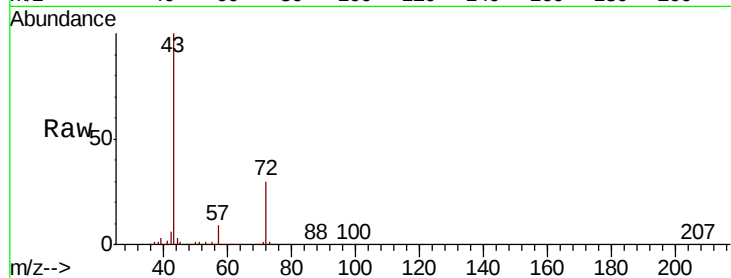
VSTDIC100

Tot Ion: 43 Resp: 1085241

Ion Ratio Lower Upper

43 100

72 29.9 24.0 36.0



#26

2,2-Dichloropropane

Concen: 103.966 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019492.D

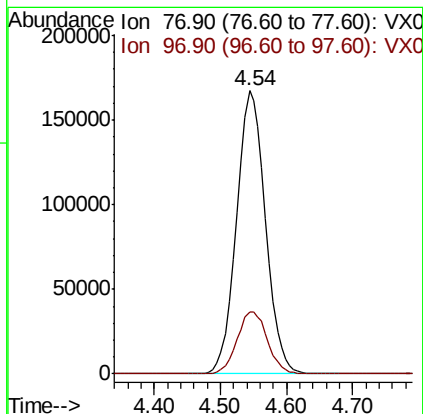
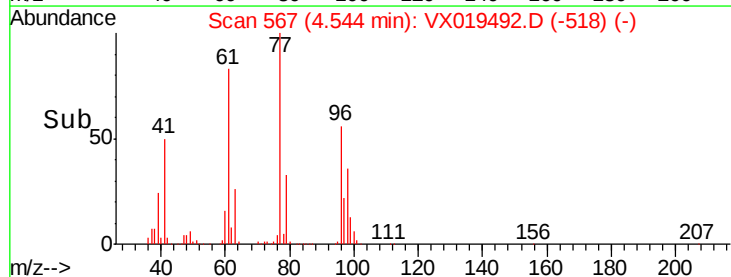
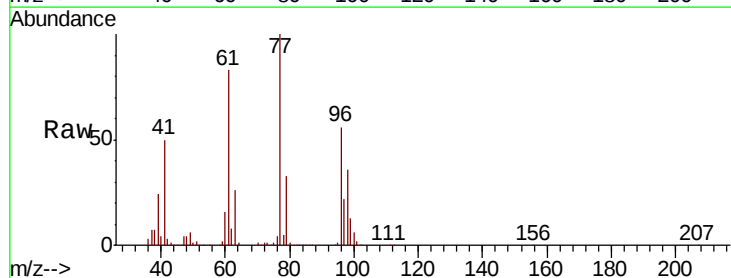
Acq: 20 Nov 2020 11:17

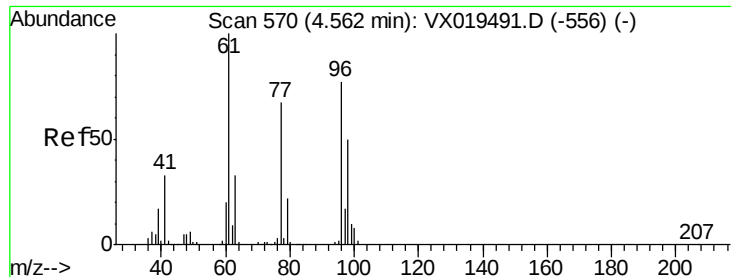
Tgt Ion: 77 Resp: 507737

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.8



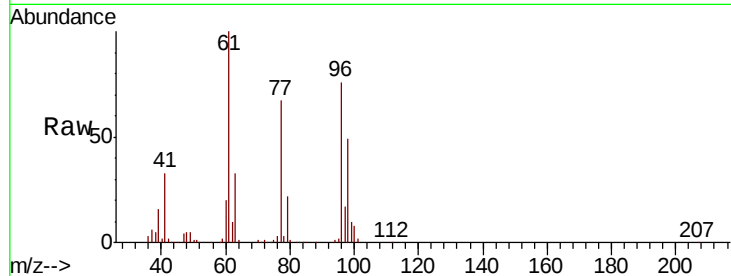


#27

cis-1,2-Dichloroethene
Concen: 103.508 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	279.2
98	64.7	0.0	129.8

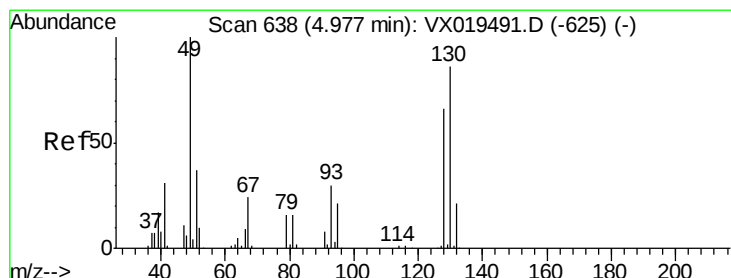
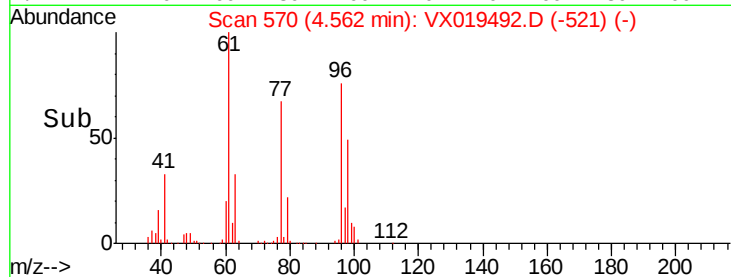
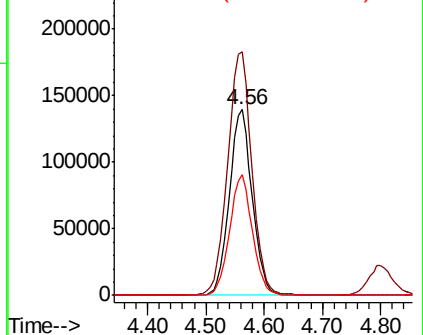


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

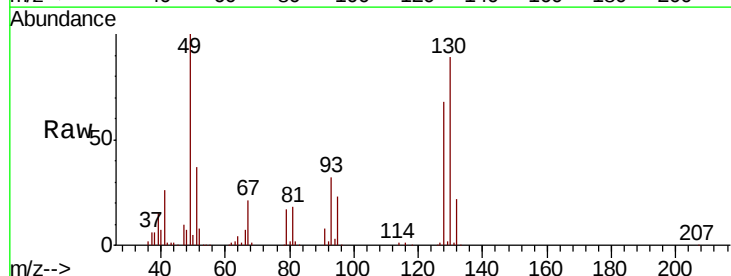
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 92.560 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	87.1	69.0	103.6

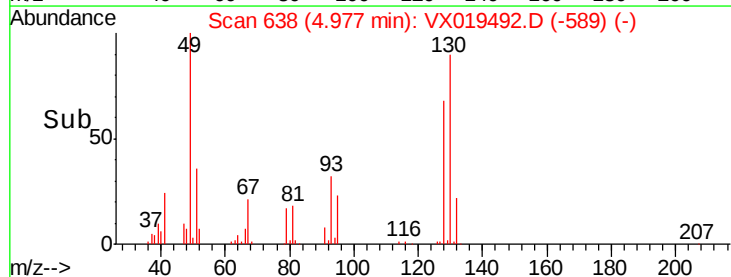
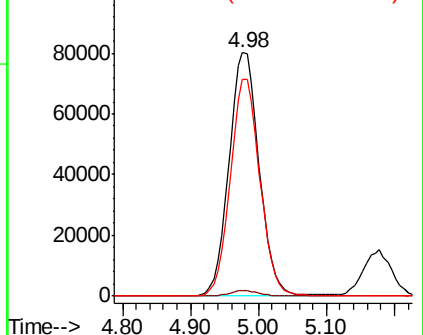


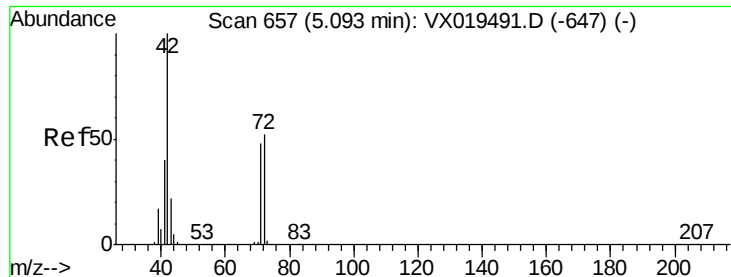
Abundance

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: 506.106 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

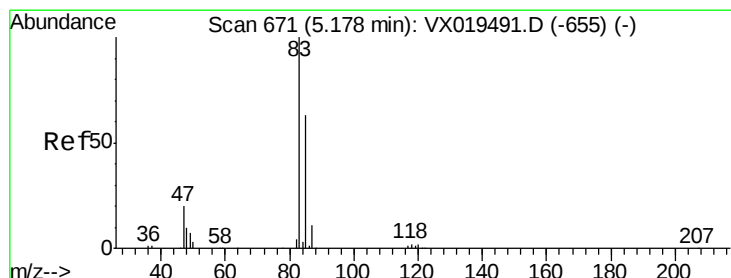
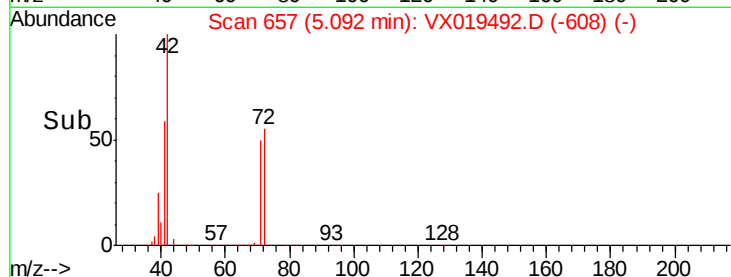
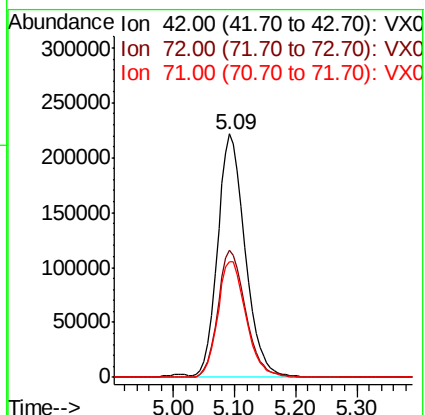
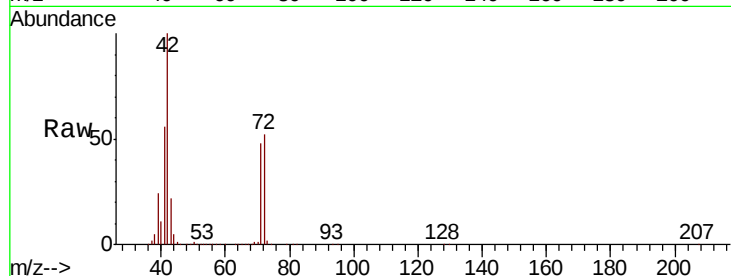
Tot Ion: 42 Resp: 691529

Ion Ratio Lower Upper

42 100

72 53.2 42.6 63.8

71 49.0 39.0 58.6



#30

Chloroform

Concen: 102.813 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX019492.D

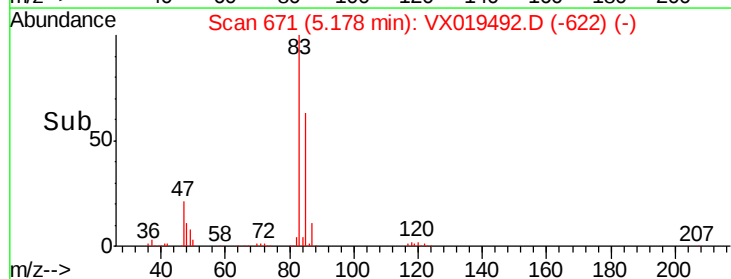
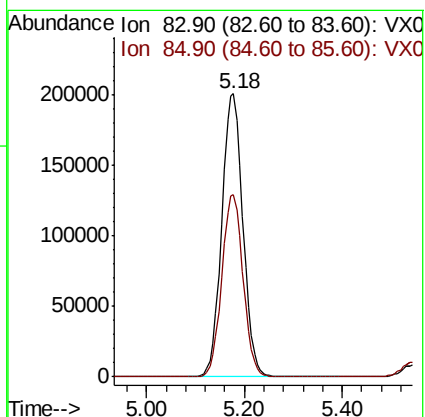
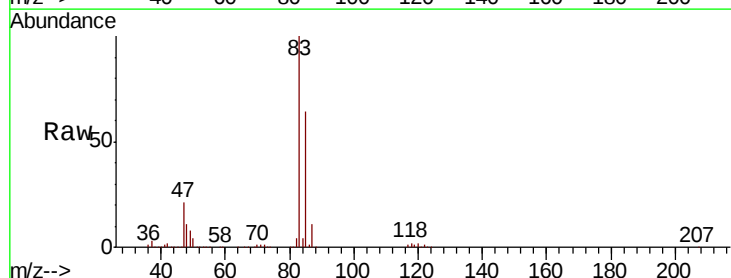
Acq: 20 Nov 2020 11:17

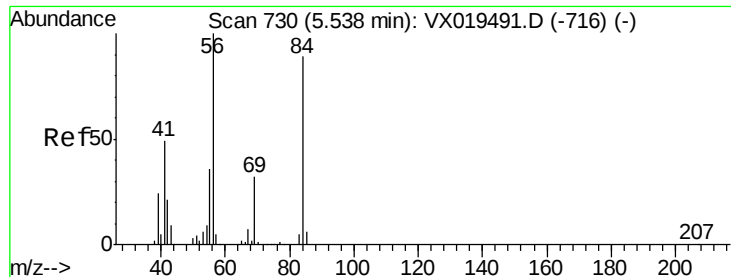
Tgt Ion: 83 Resp: 601507

Ion Ratio Lower Upper

83 100

85 64.2 50.5 75.7

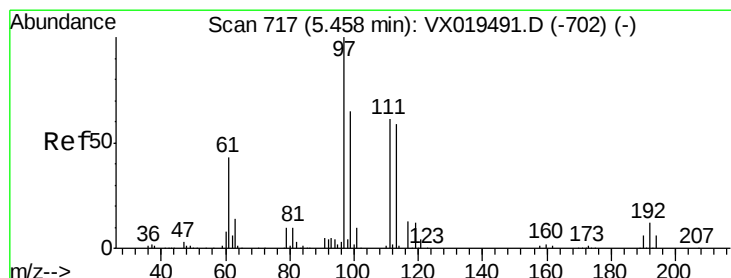
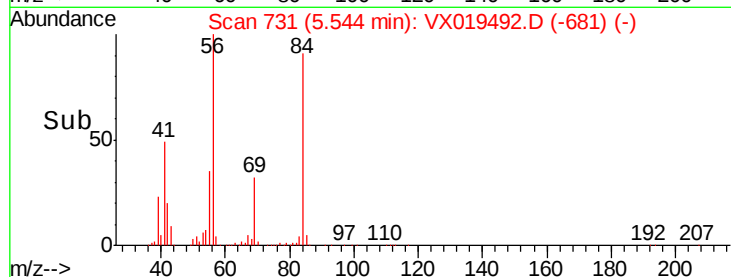
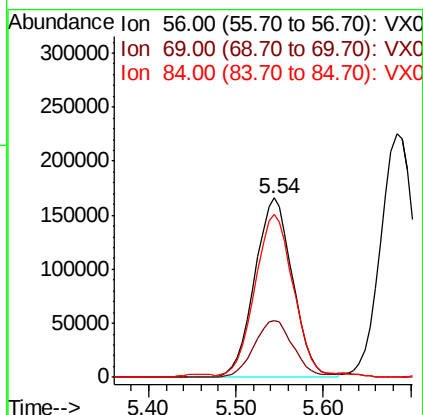
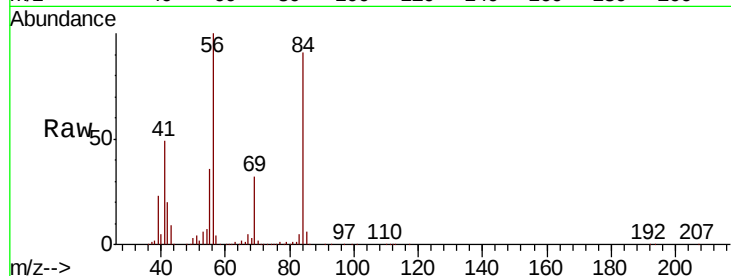




#31
Cvclohexane
Concen: 104.640 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

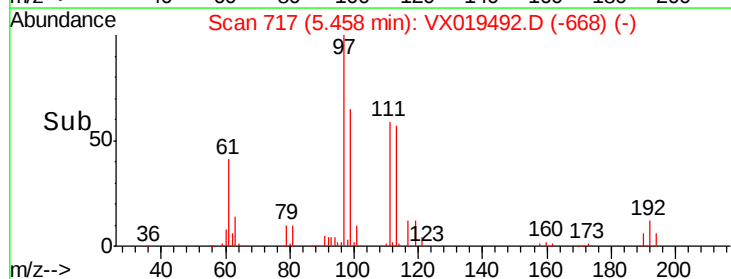
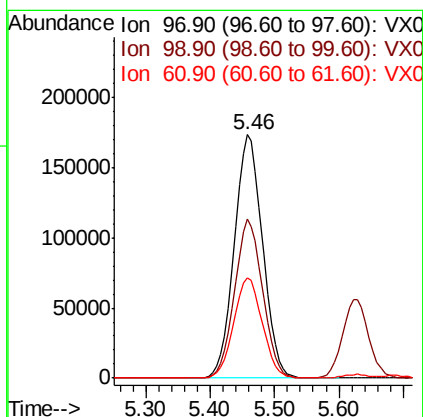
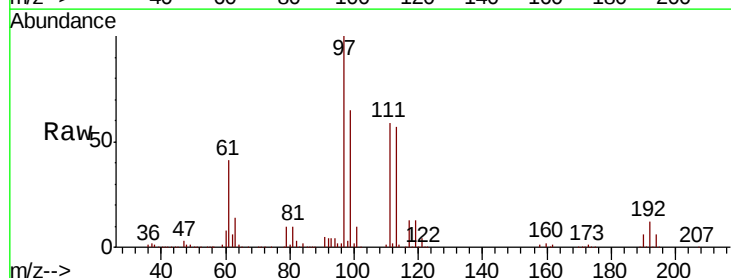
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

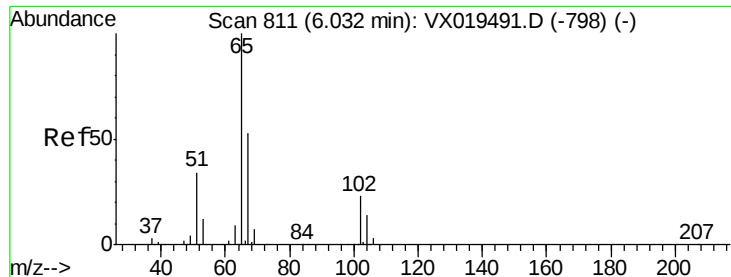
Tot Ion: 56 Resp: 501700
Ion Ratio Lower Upper
56 100
69 31.6 25.5 38.3
84 89.3 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 104.982 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion: 97 Resp: 527595
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 41.9 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 97.107 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

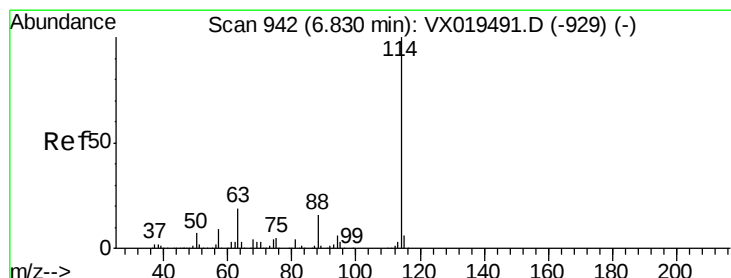
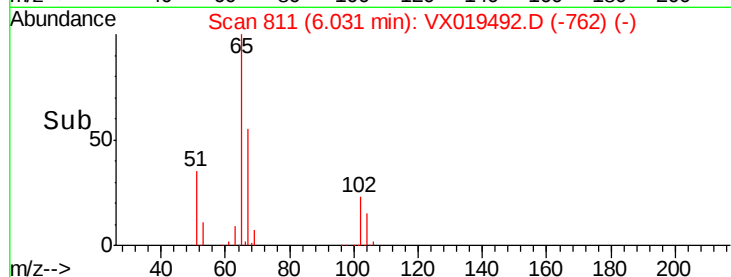
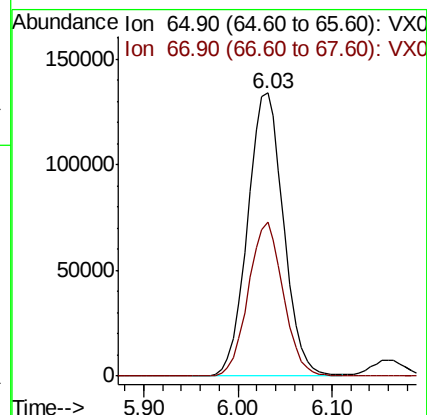
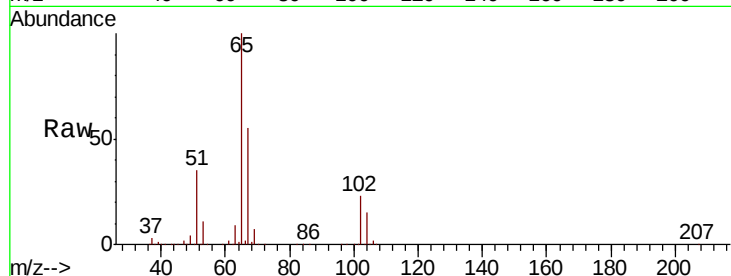
VSTDIC100

Tot Ion: 65 Resp: 357971

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

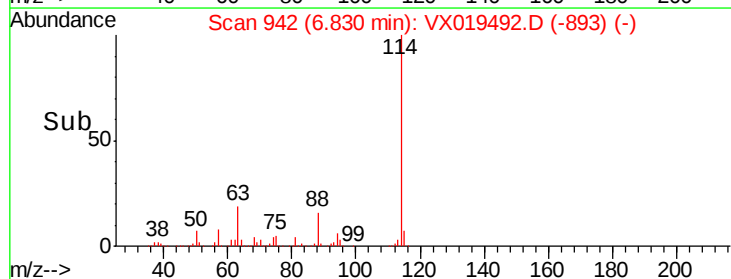
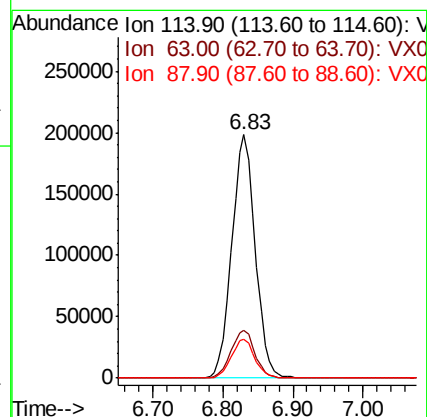
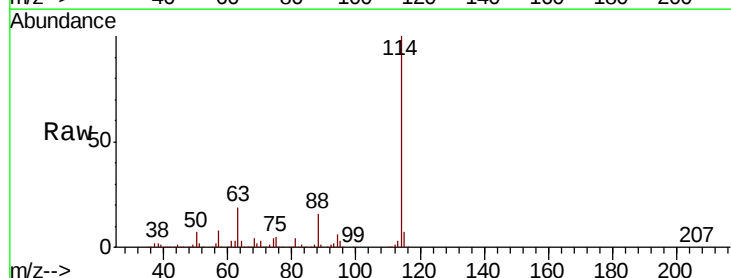
Tgt Ion: 114 Resp: 460825

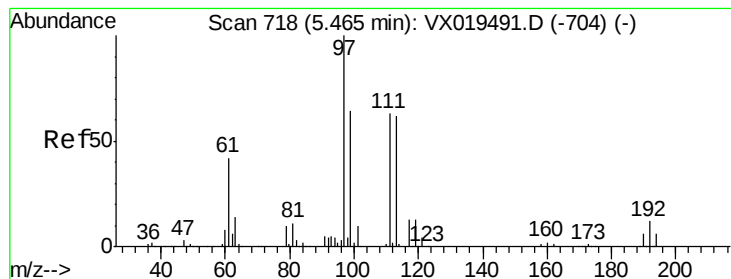
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 102.599 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

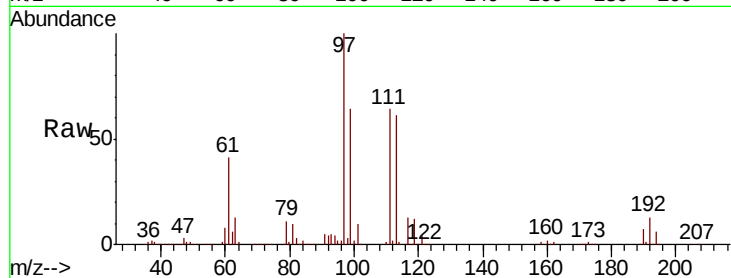
Tot Ion:113 Resp: 296777

Ion Ratio Lower Upper

113 100

111 103.6 81.5 122.3

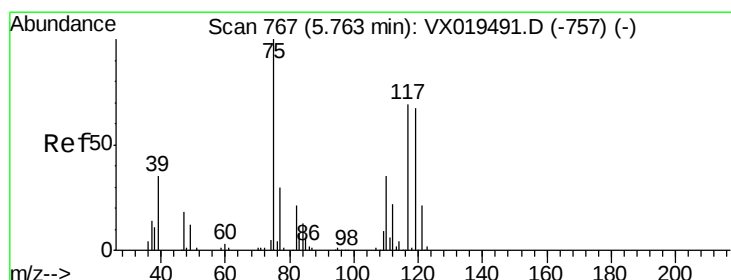
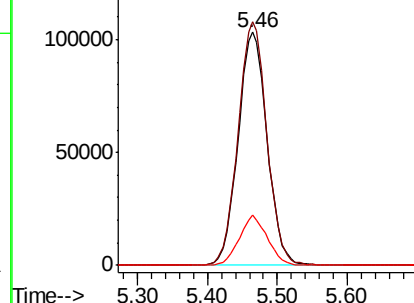
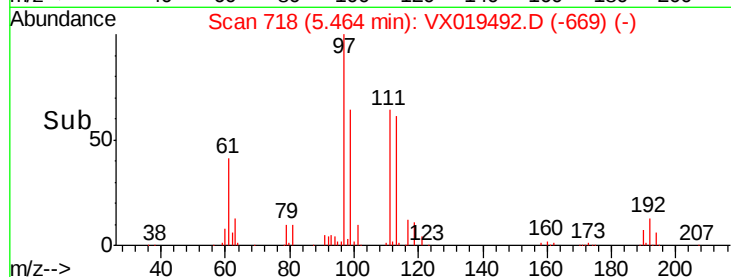
192 20.6 16.2 24.2



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: 104.555 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

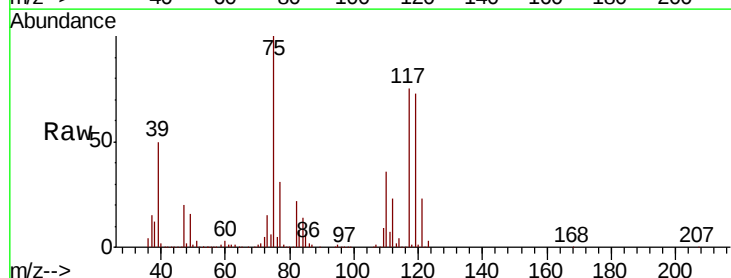
Tgt Ion: 75 Resp: 451703

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.3

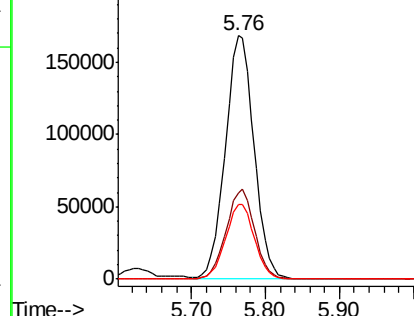
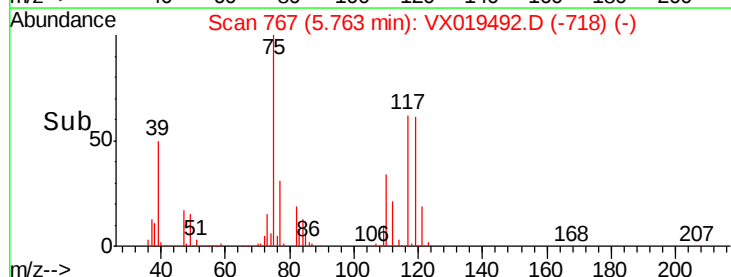
77 30.8 24.2 36.4

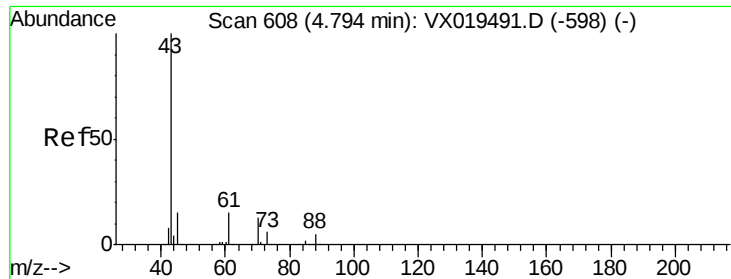


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

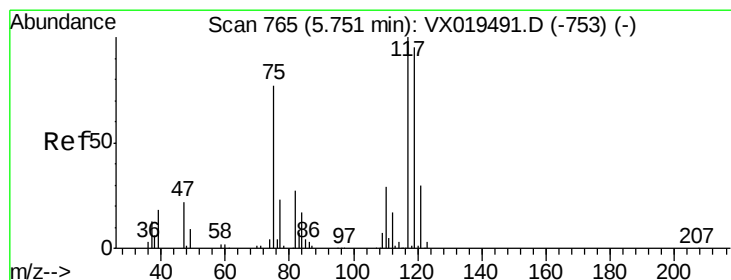
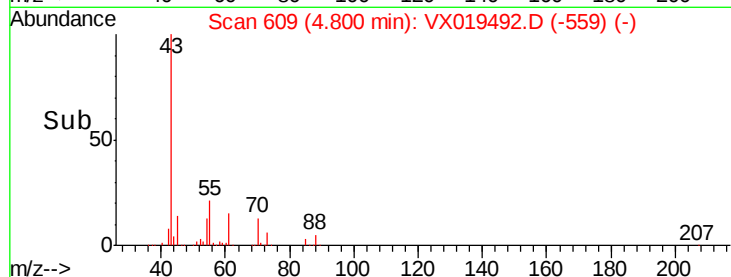
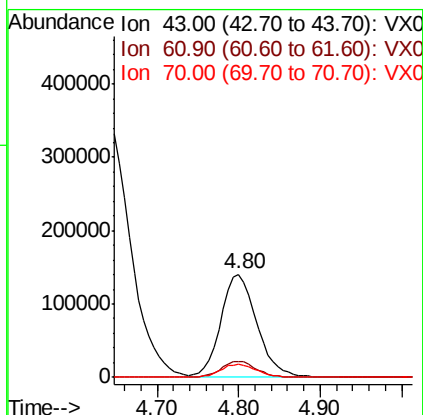
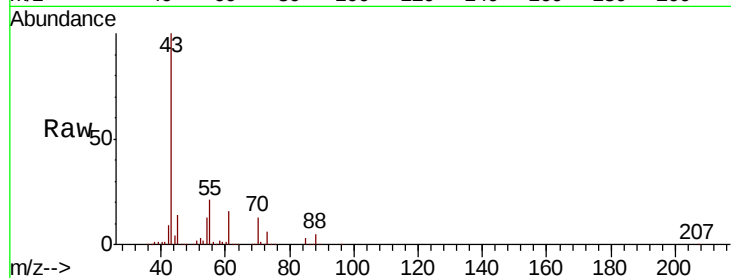




#37
Ethyl Acetate
Concen: 105.136 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

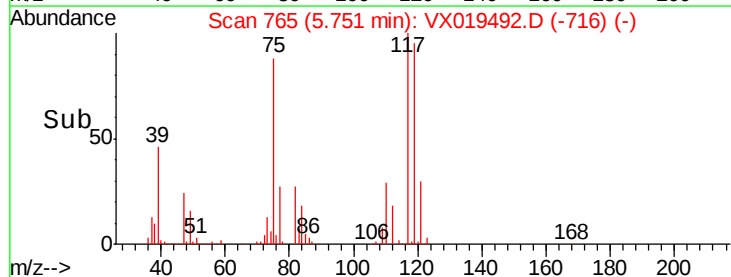
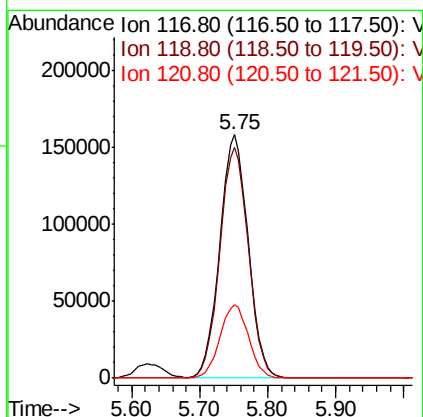
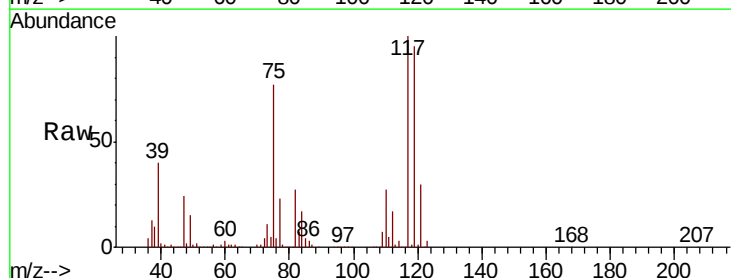
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

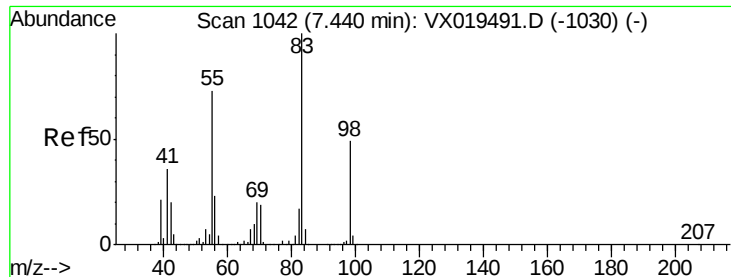
Tot Ion: 43 Resp: 426411
Ion Ratio Lower Upper
43 100
61 15.5 12.7 19.1
70 13.0 10.2 15.2



#38
Carbon Tetrachloride
Concen: 109.639 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion: 117 Resp: 458476
Ion Ratio Lower Upper
117 100
119 94.8 75.9 113.9
121 30.0 24.0 36.0

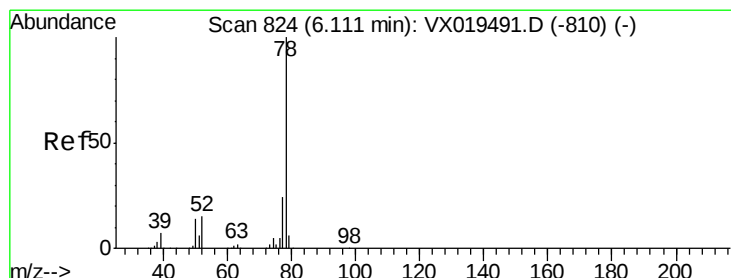
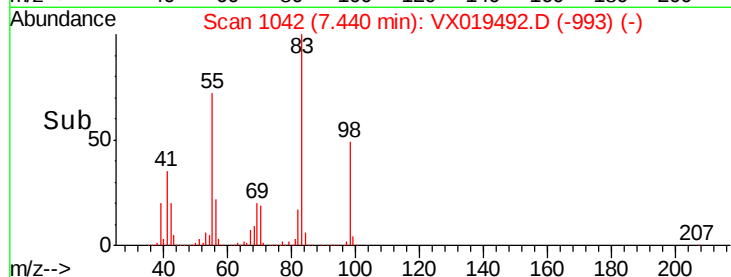
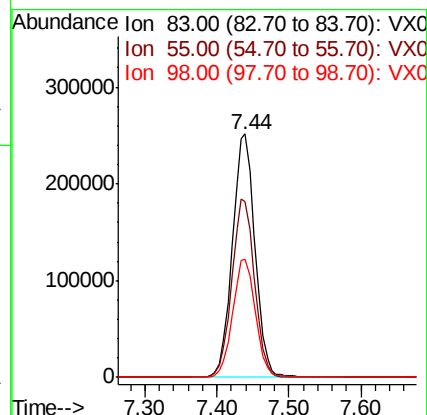
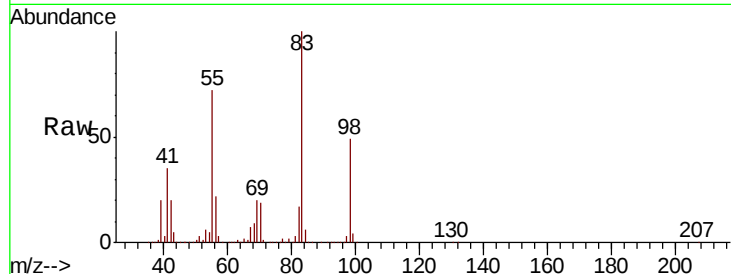




#39
Methvlcvclohexane
Concen: 109.472 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

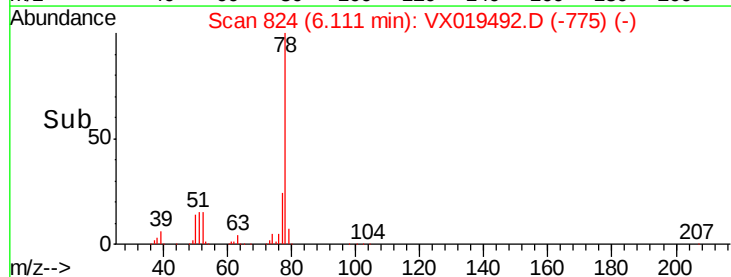
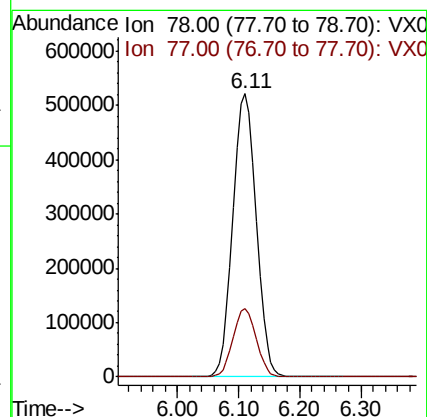
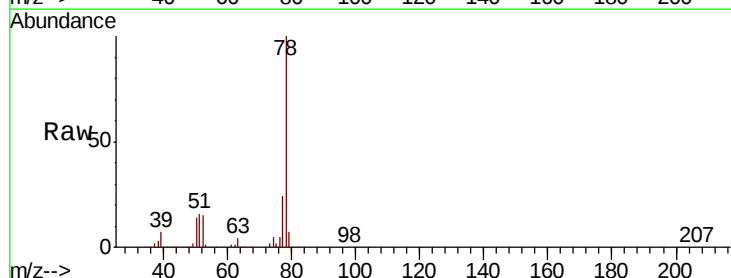
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

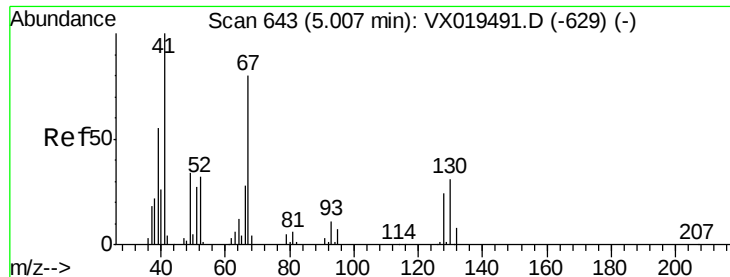
Tot Ion: 83 Resp: 550674
Ion Ratio Lower Upper
83 100
55 72.1 58.3 87.5
98 48.7 38.9 58.3



#40
Benzene
Concen: 103.433 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion: 78 Resp: 1372962
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3





#41

Methacrylonitrile

Concen: 102.229 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 228641

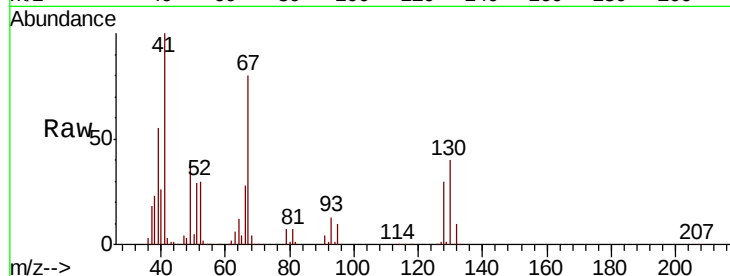
Ion Ratio Lower Upper

41 100

39 53.5 43.3 64.9

67 83.8 66.0 99.0

52 31.9 25.4 38.2

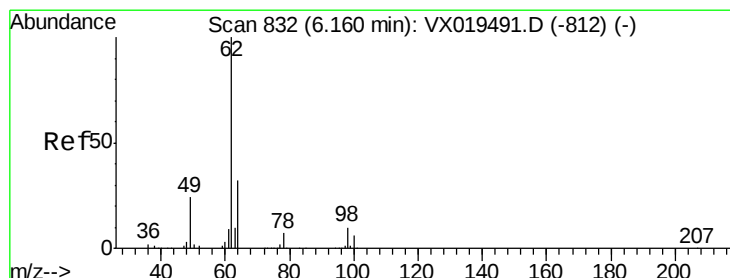
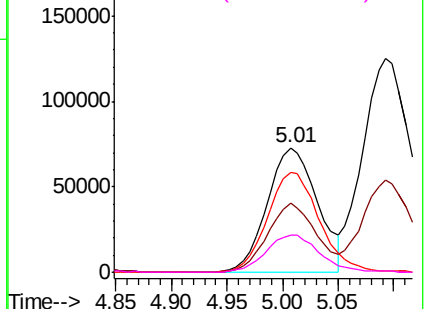
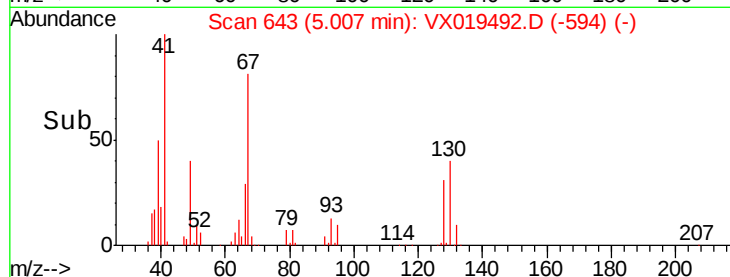


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 102.448 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019492.D

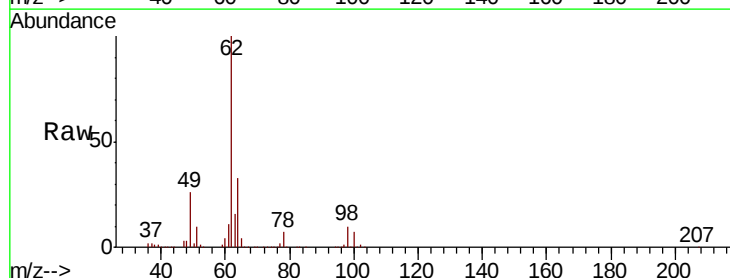
Acq: 20 Nov 2020 11:17

Tgt Ion: 62 Resp: 466109

Ion Ratio Lower Upper

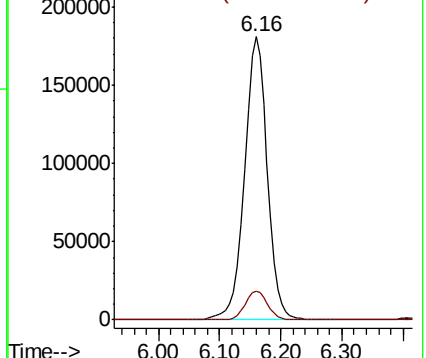
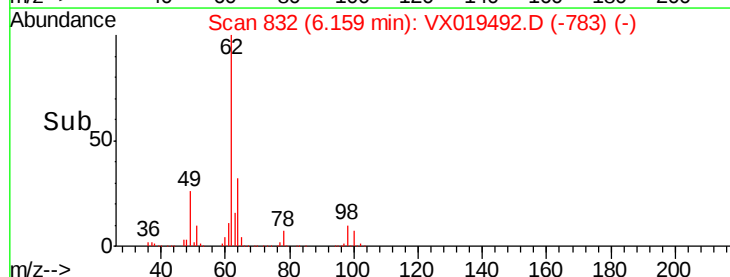
62 100

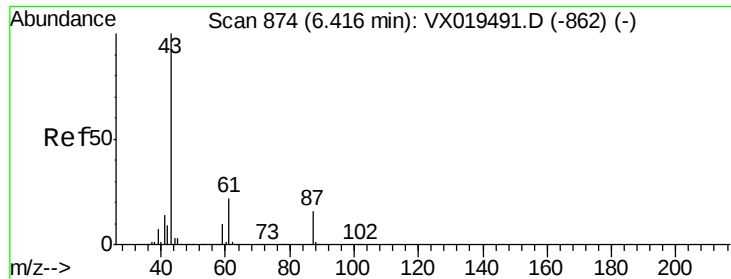
98 10.1 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



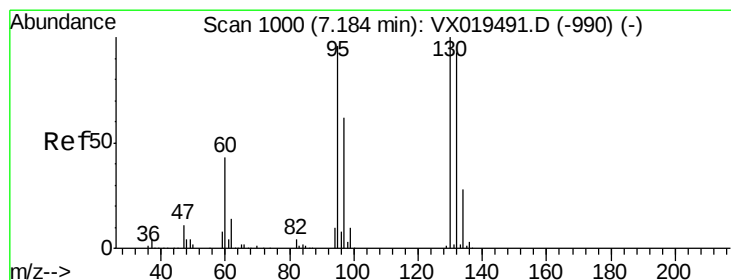
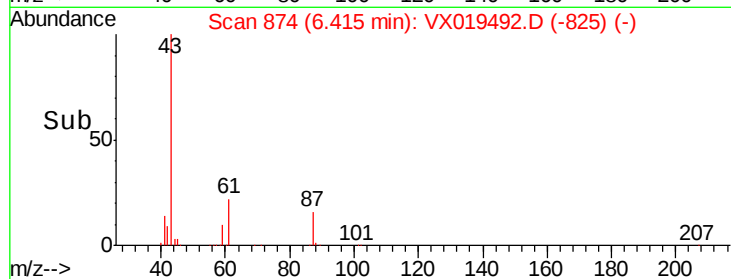
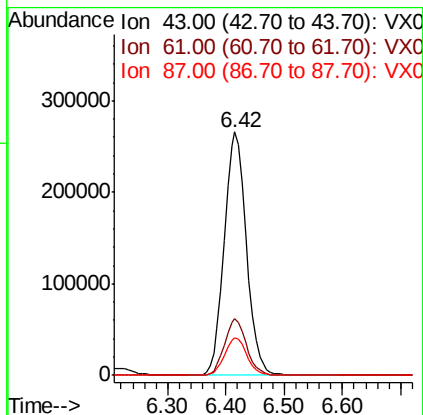
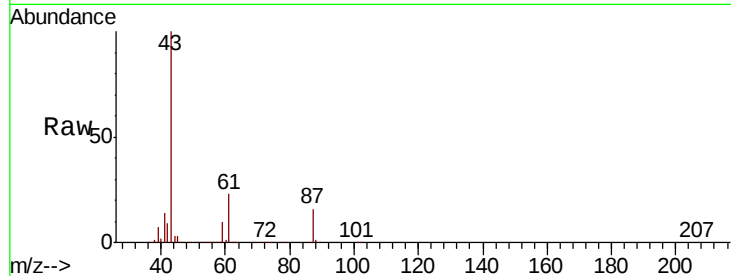


#43

Isopropyl Acetate
 Concen: 103.057 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

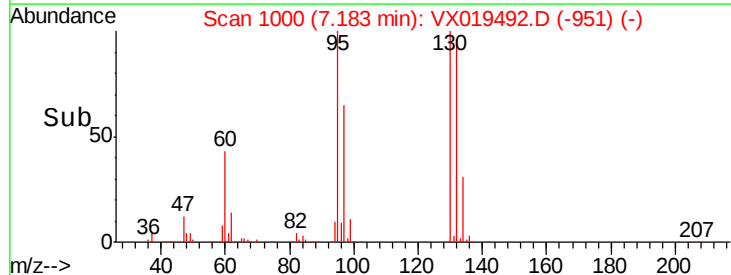
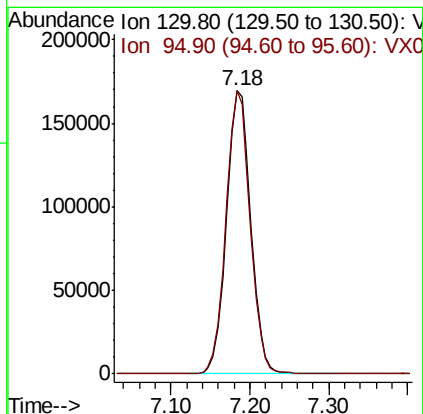
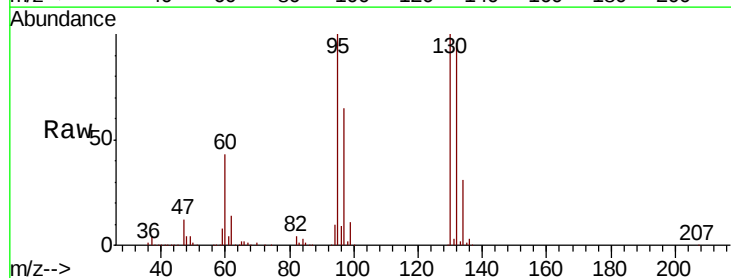
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.2
87	15.5	12.6	18.8

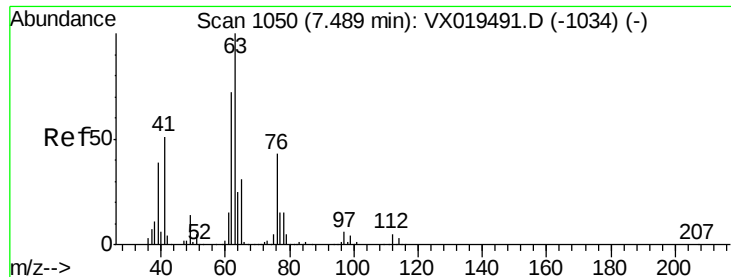


#44

Trichloroethene
 Concen: 104.638 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	191.2





#45

1,2-Dichloropropane

Concen: 104.431 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

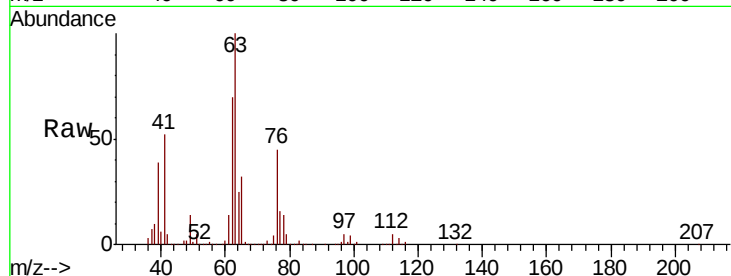
VSTDIC100

Tot Ion: 63 Resp: 341258

Ion Ratio Lower Upper

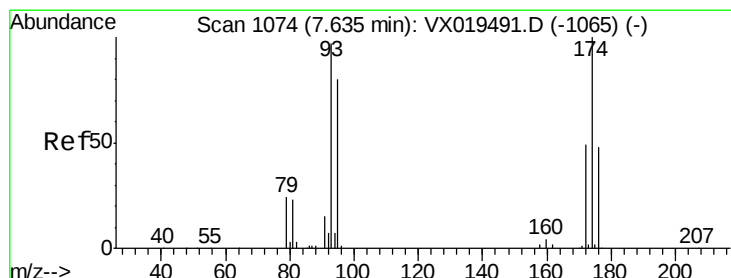
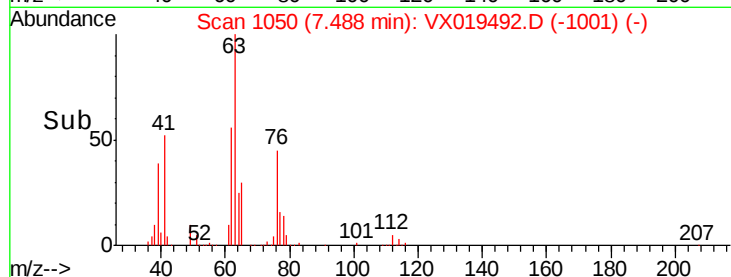
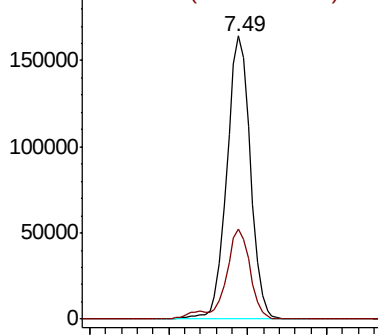
63 100

65 31.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 105.658 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

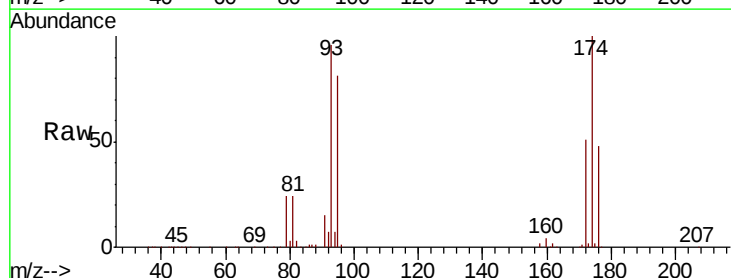
Tgt Ion: 93 Resp: 236311

Ion Ratio Lower Upper

93 100

95 82.9 66.8 100.2

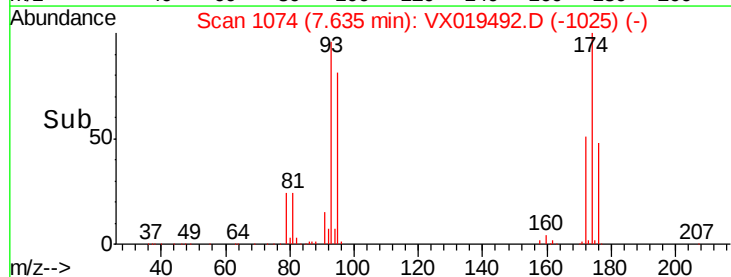
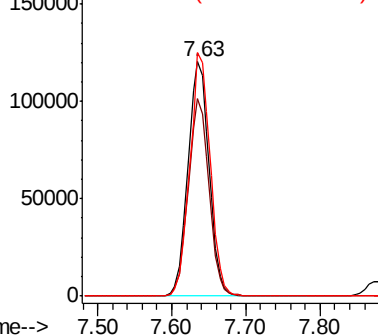
174 100.8 83.0 124.4

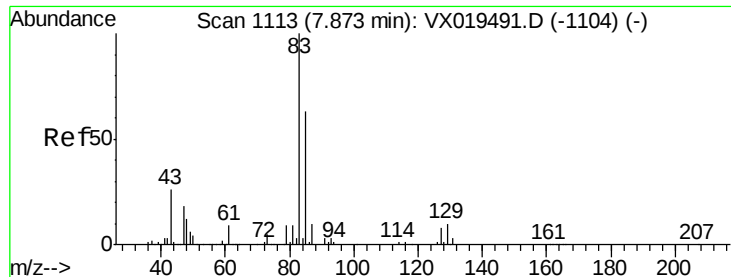


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 109.692 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

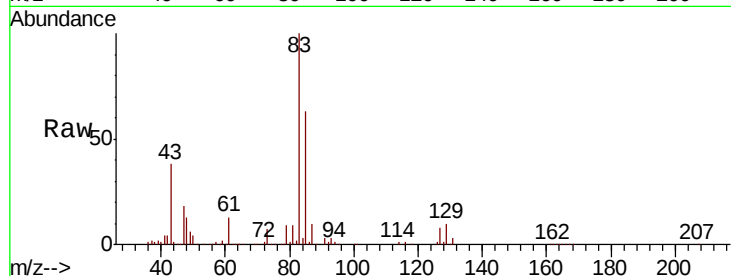
Tot Ion: 83 Resp: 476057

Ion Ratio Lower Upper

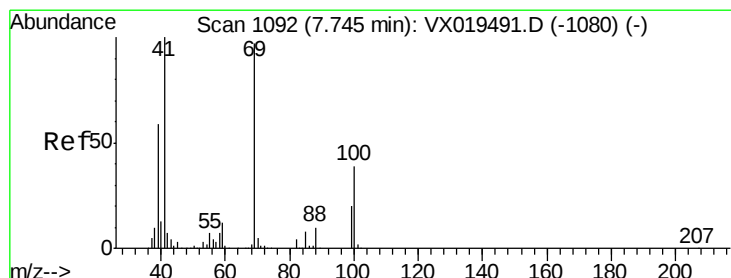
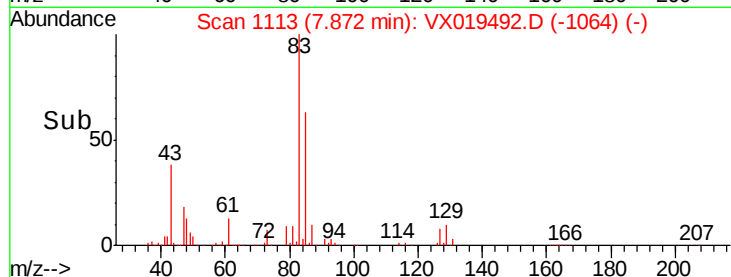
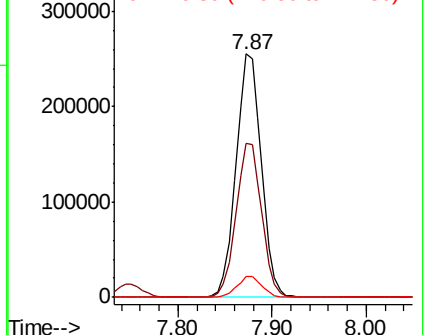
83 100

85 63.1 50.2 75.2

127 8.4 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 108.229 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

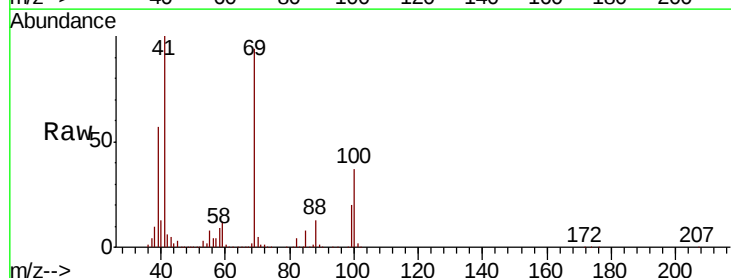
Tgt Ion: 41 Resp: 345572

Ion Ratio Lower Upper

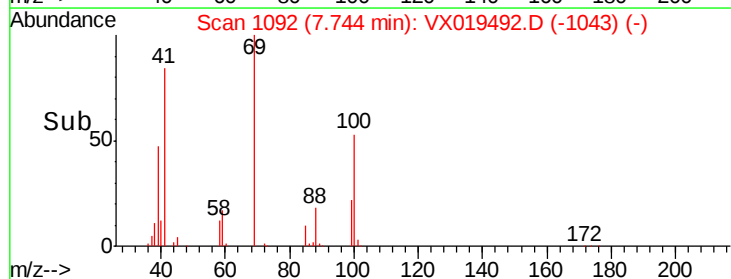
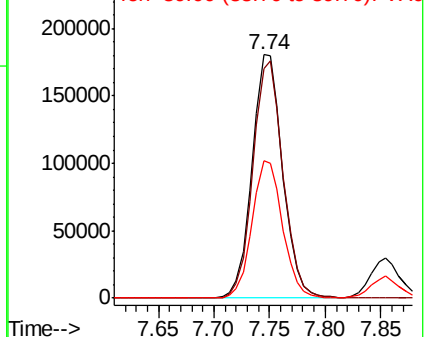
41 100

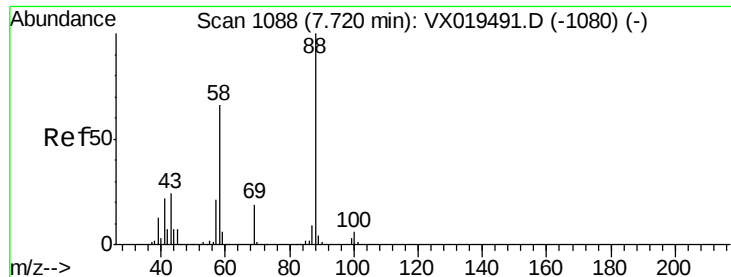
69 96.3 77.0 115.6

39 56.3 45.6 68.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

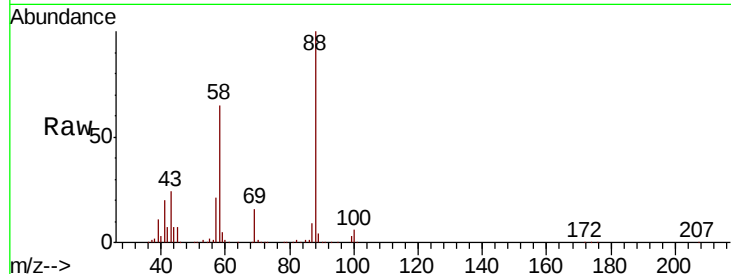




#49
1,4-Dioxane
Concen: 2138.875 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	88	Resp	155063
Ion	Ratio	Lower	Upper
88	100		
43	27.5	23.8	35.6
58	66.2	54.2	81.2

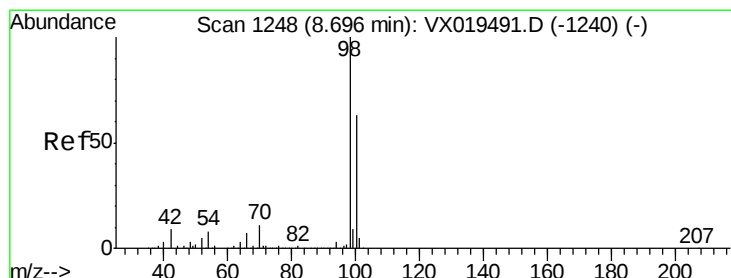
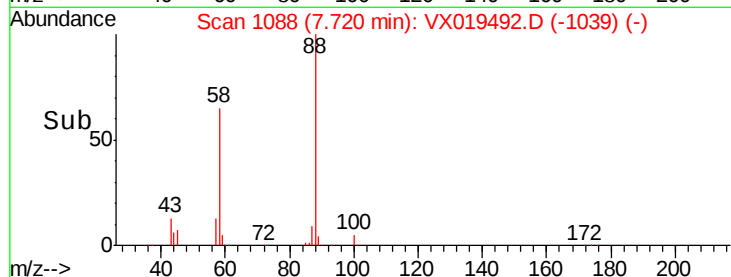
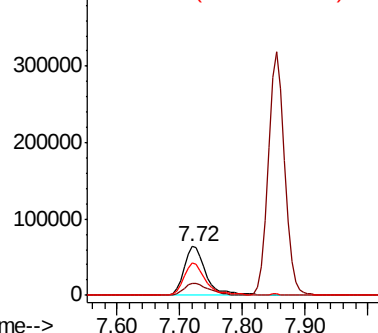


Abundance

Ion 88.00 (87.70 to 88.70): VX0

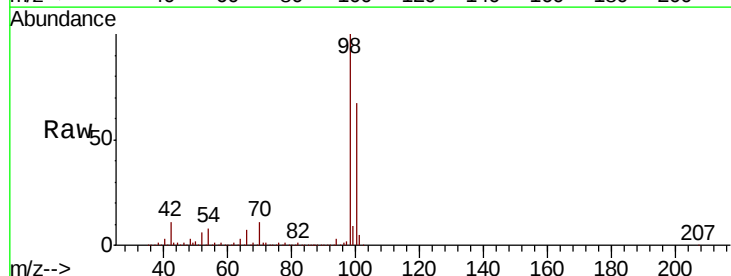
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 99.032 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

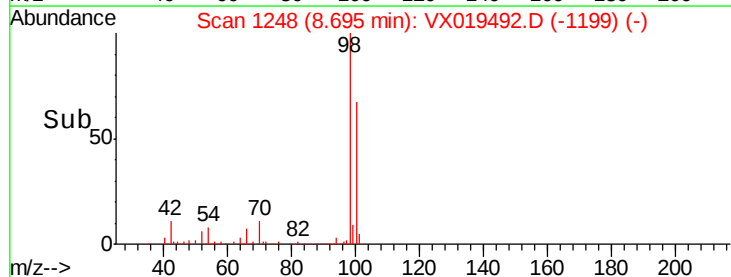
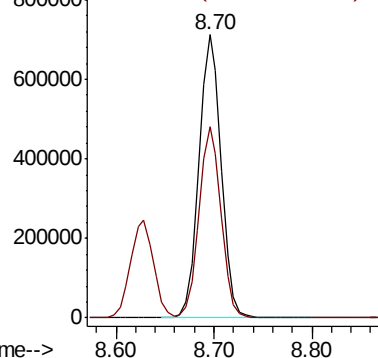
Tgt Ion	98	Resp	1113148
Ion	Ratio	Lower	Upper
98	100		
100	67.3	52.4	78.6

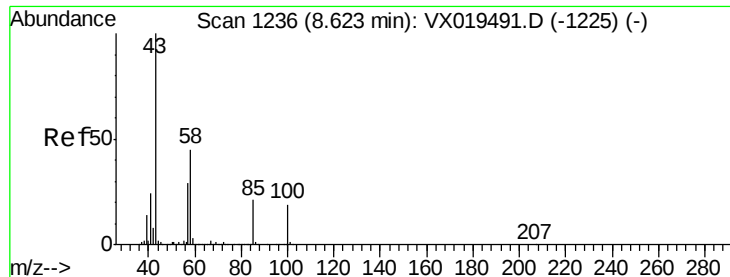


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 519.280 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

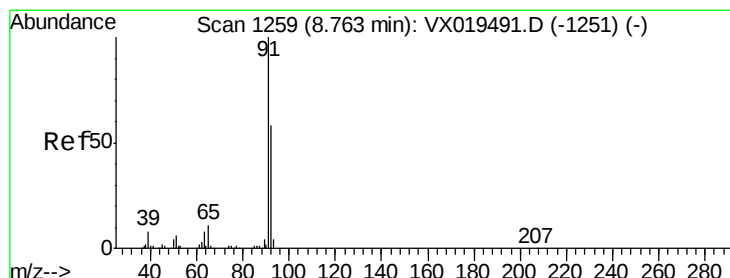
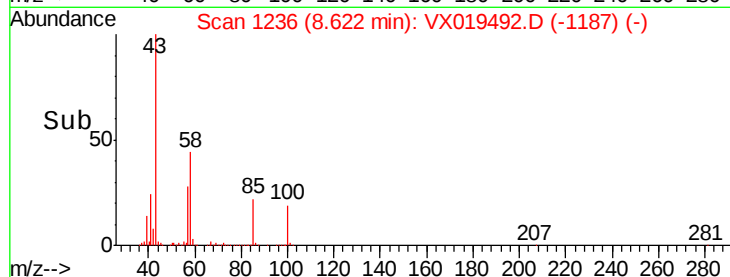
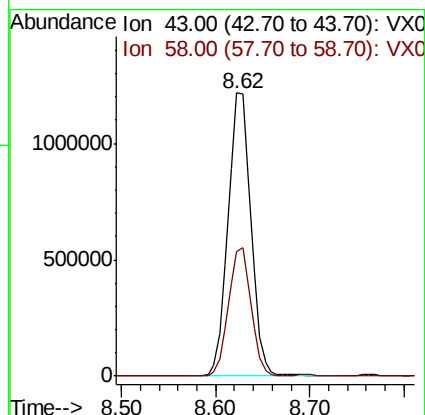
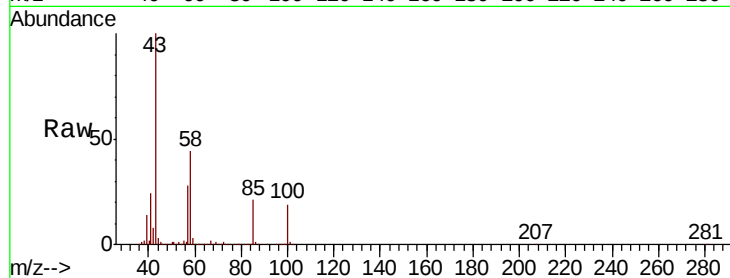
VSTDIC100

Tot Ion: 43 Resp: 2064495

Ion Ratio Lower Upper

43 100

58 44.8 35.1 52.7



#52

Toluene

Concen: 104.980 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019492.D

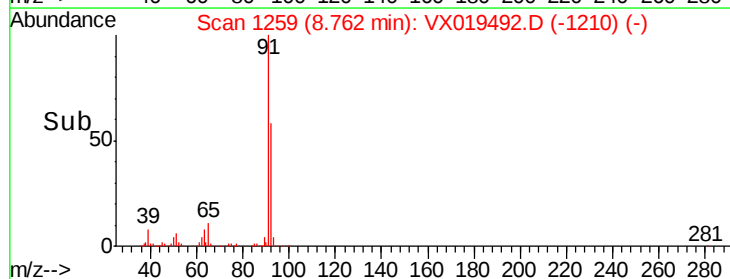
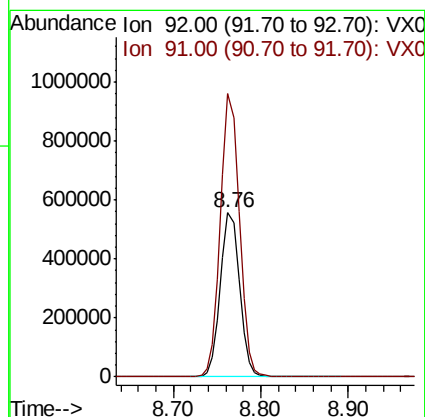
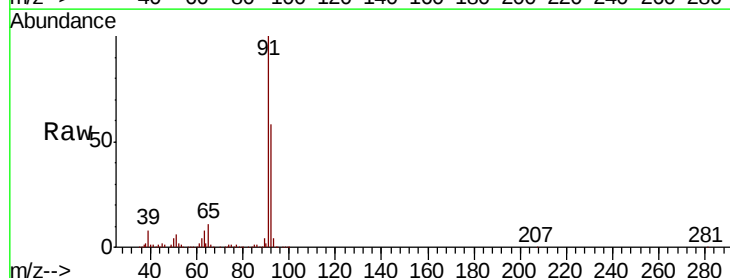
Acq: 20 Nov 2020 11:17

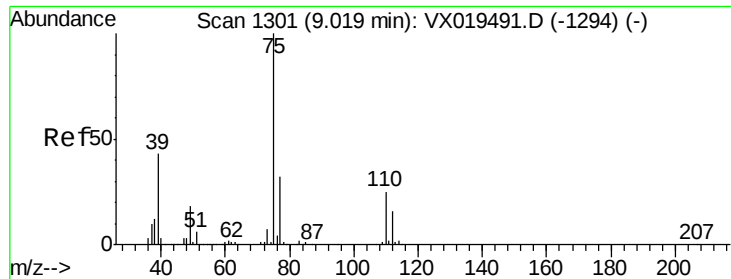
Tgt Ion: 92 Resp: 852475

Ion Ratio Lower Upper

92 100

91 170.3 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 112.104 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

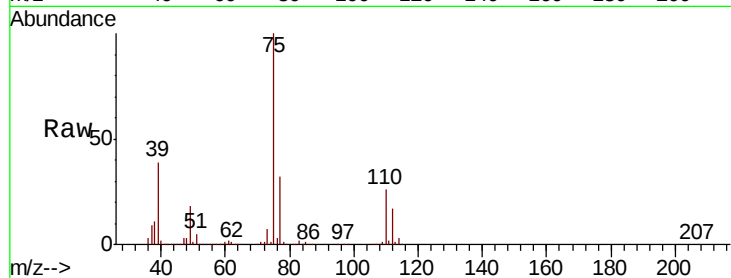
VSTDIC100

Tot Ion: 75 Resp: 525440

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

400000

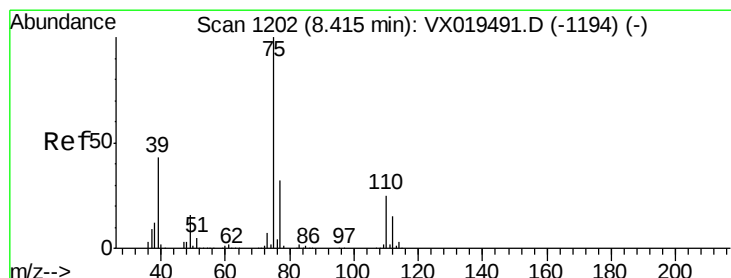
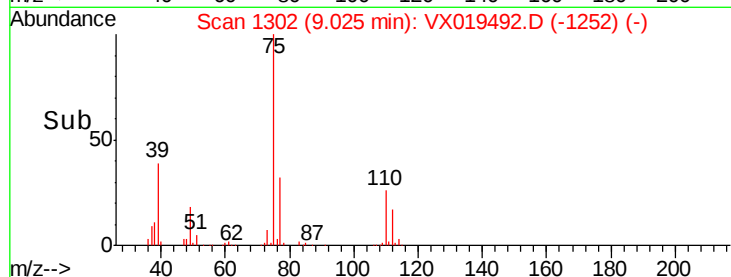
300000

200000

100000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 110.800 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

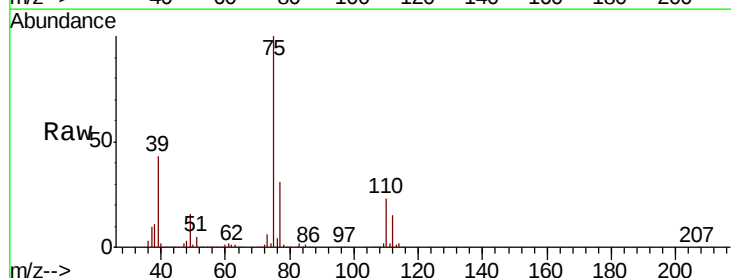
Tgt Ion: 75 Resp: 576331

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

39 42.8 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

500000

400000

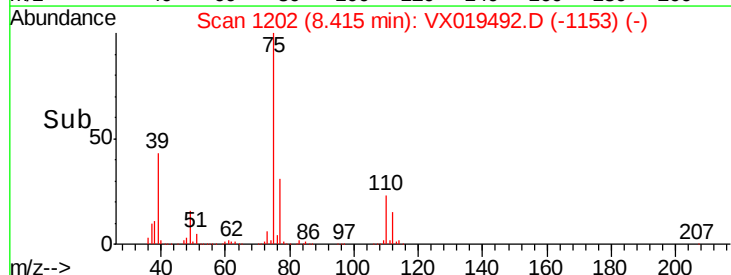
300000

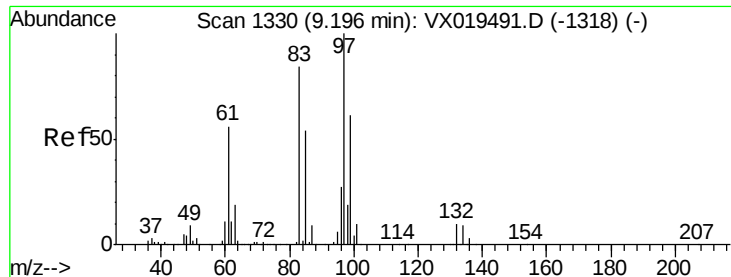
200000

100000

0

Time--> 8.30 8.40 8.50

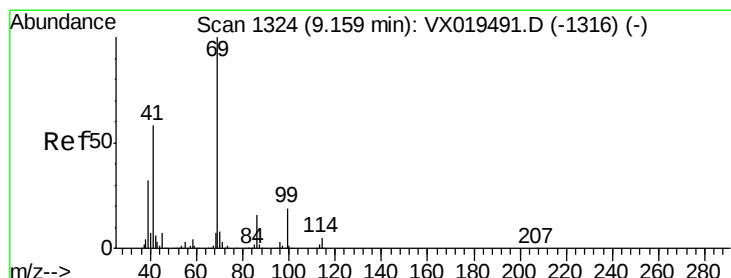
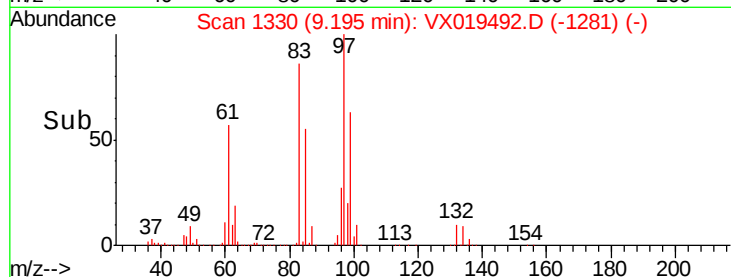
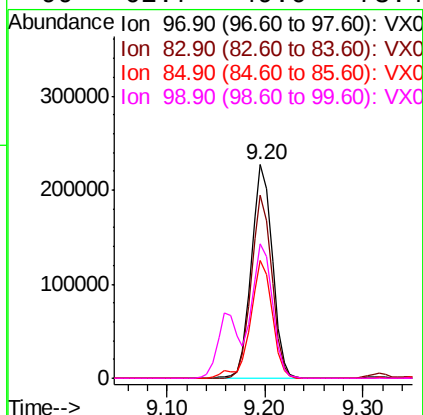
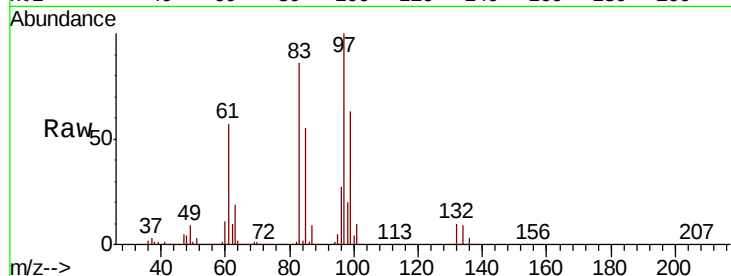




#55
 1,1,2-Trichloroethane
 Concen: 102.943 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

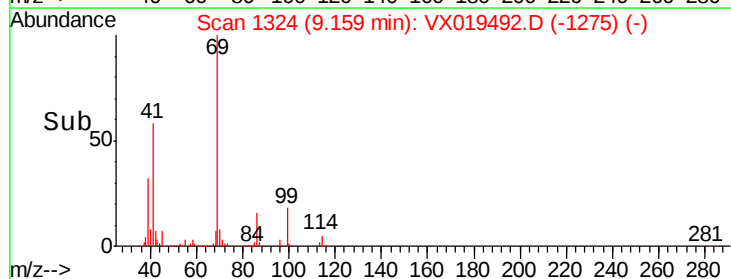
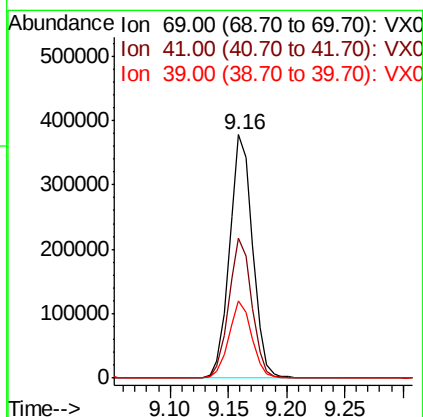
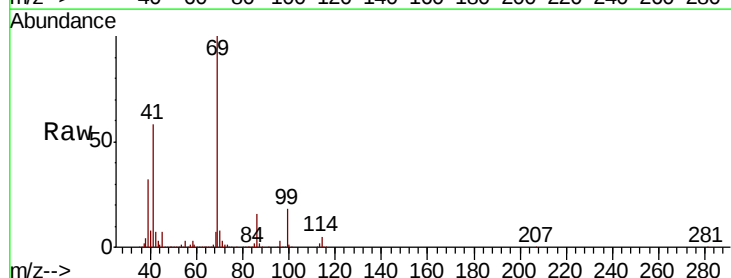
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

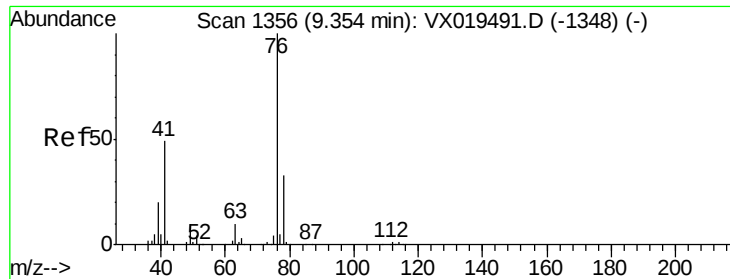
Tot Ion:	97	Resp:	340444
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.0	100.6
85	55.4	43.4	65.0
99	62.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 111.260 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion:	69	Resp:	520652
Ion	Ratio	Lower	Upper
69	100		
41	57.4	46.2	69.2
39	31.4	25.5	38.3

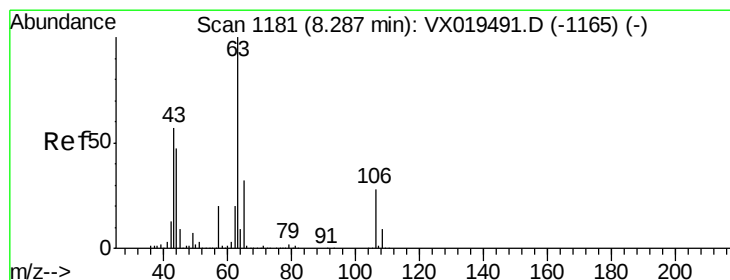
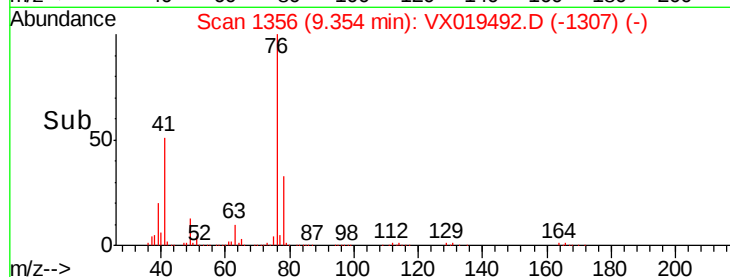
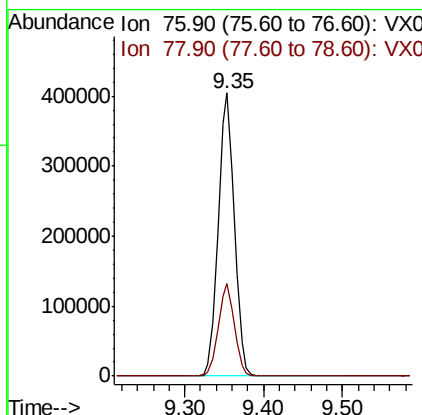
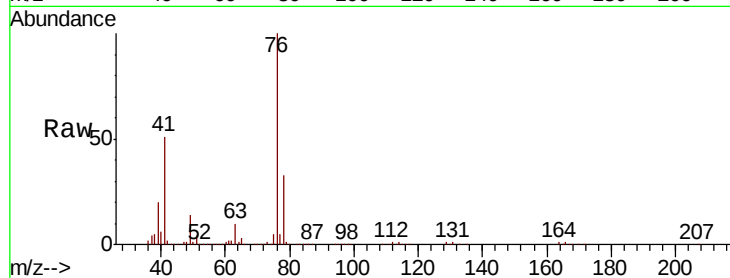




#57
 1,3-Dichloropropane
 Concen: 103.813 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

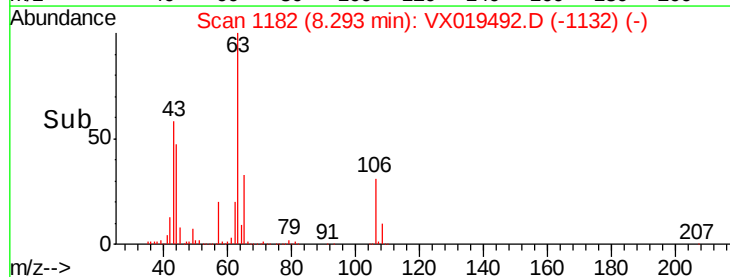
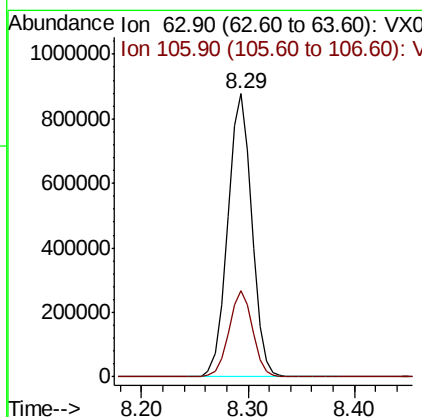
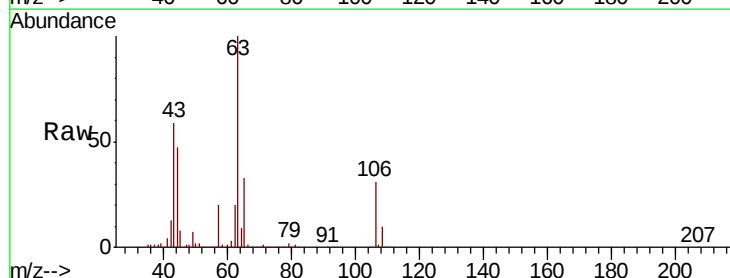
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

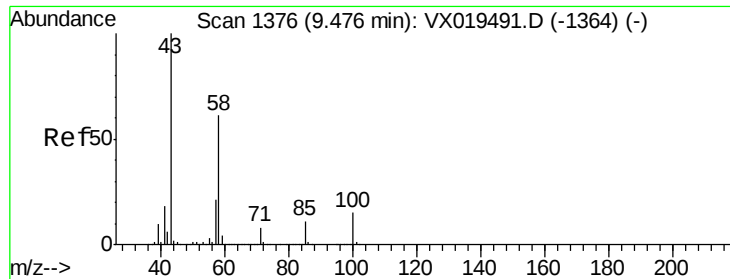
Tot Ion: 76 Resp: 574795
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 506.773 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion: 63 Resp: 1389588
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.7 35.5

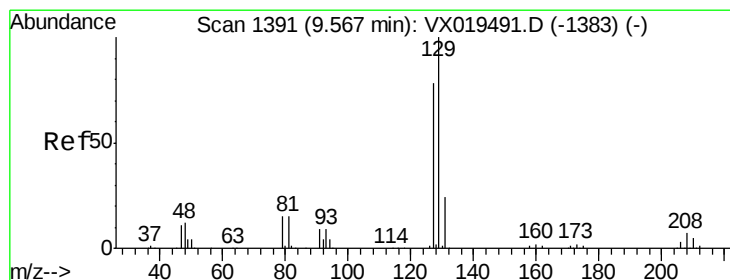
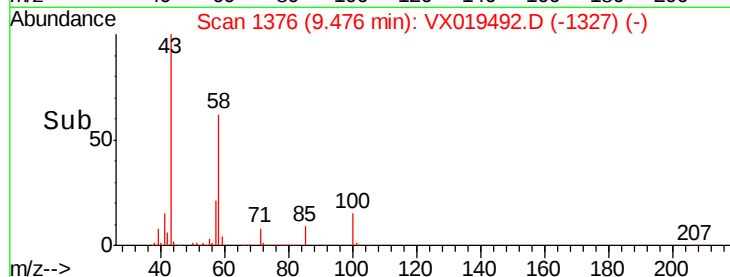
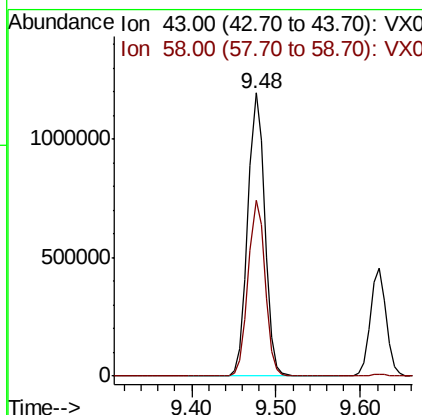
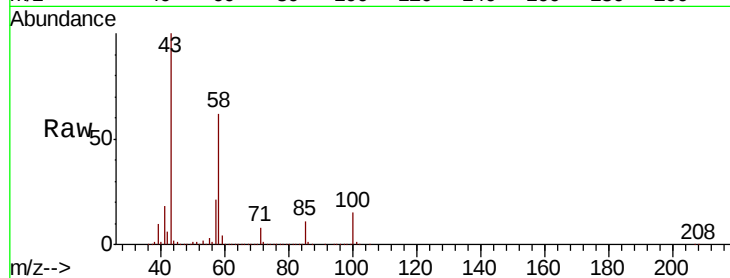




#59
2-Hexanone
Concen: 528.682 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

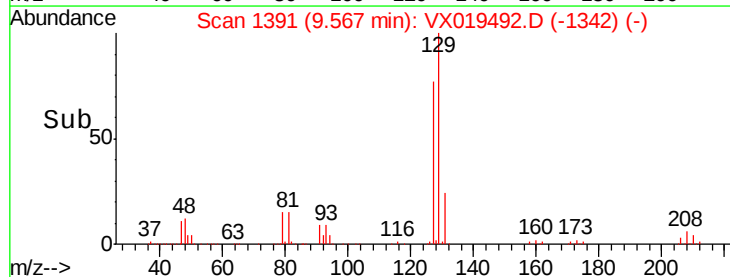
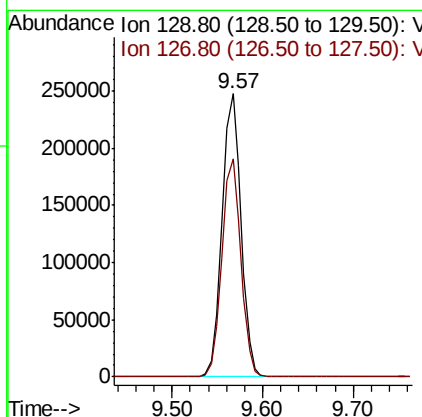
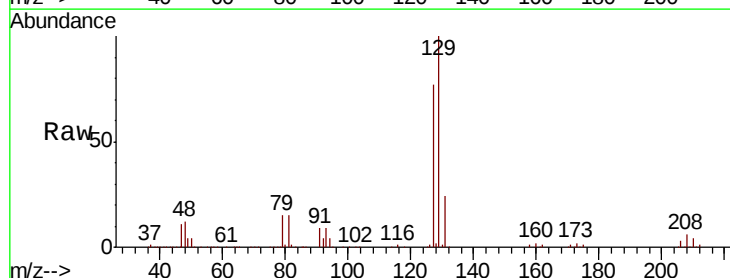
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

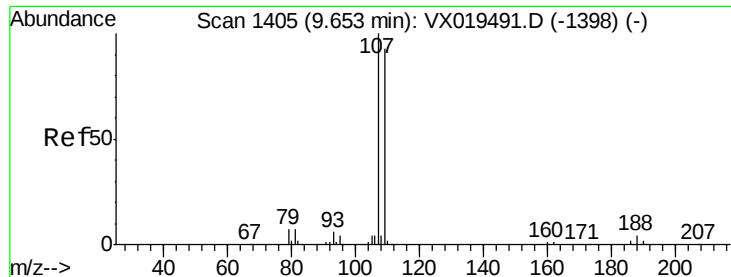
Tot Ion: 43 Resp: 1594107
Ion Ratio Lower Upper
43 100
58 62.2 30.6 91.6



#60
Dibromochloromethane
Concen: 111.637 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion: 129 Resp: 361627
Ion Ratio Lower Upper
129 100
127 77.1 39.0 116.9





#61

1,2-Dibromoethane

Concen: 104.307 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampled :

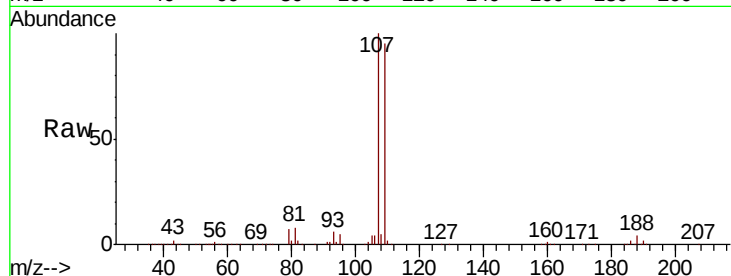
VSTDIC100

Tot Ion:107 Resp: 355574

Ion Ratio Lower Upper

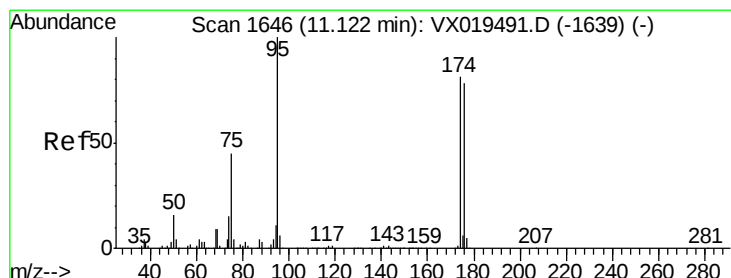
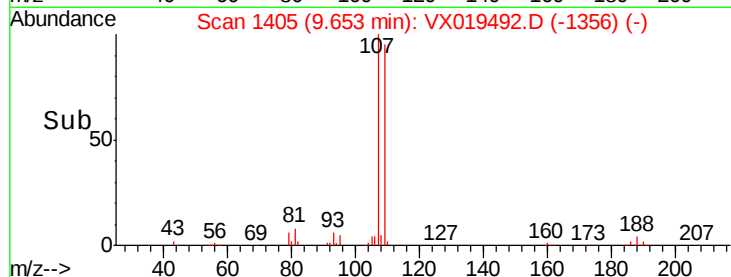
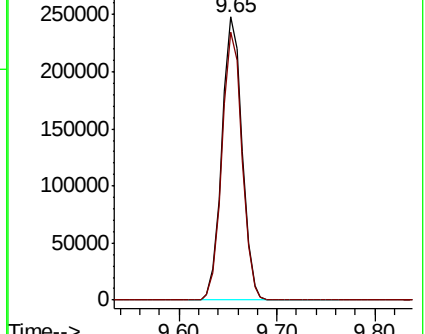
107 100

109 94.5 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 103.301 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

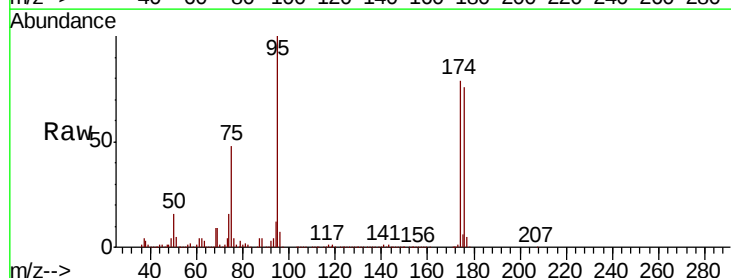
Tgt Ion: 95 Resp: 417762

Ion Ratio Lower Upper

95 100

174 78.6 0.0 156.2

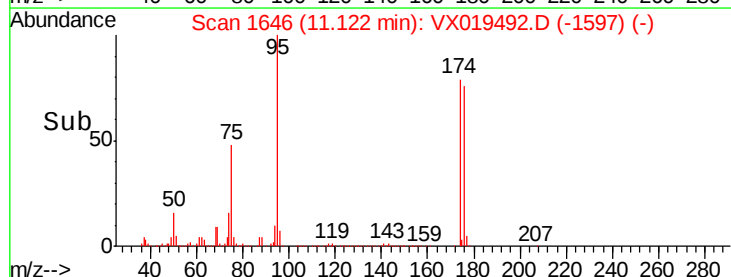
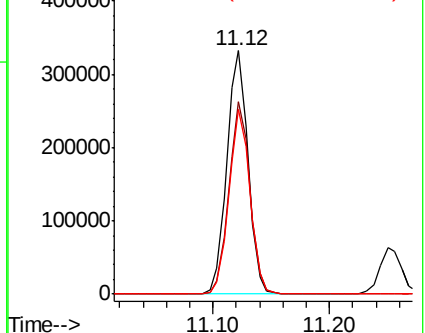
176 75.3 0.0 151.4

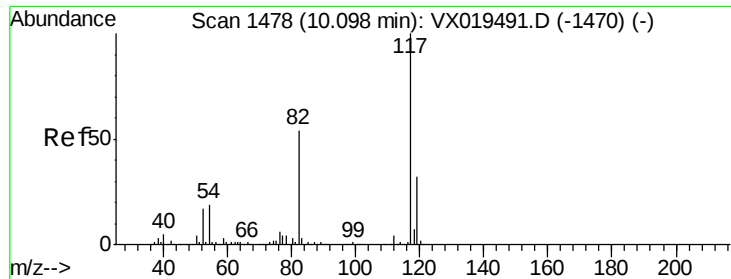


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

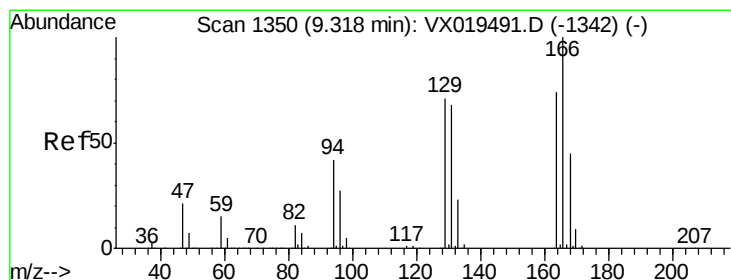
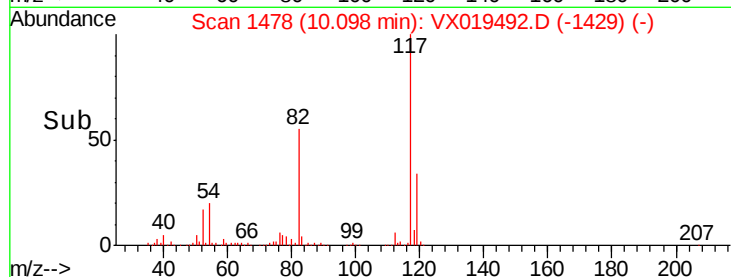
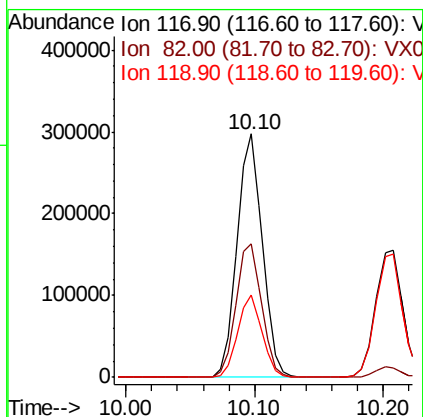
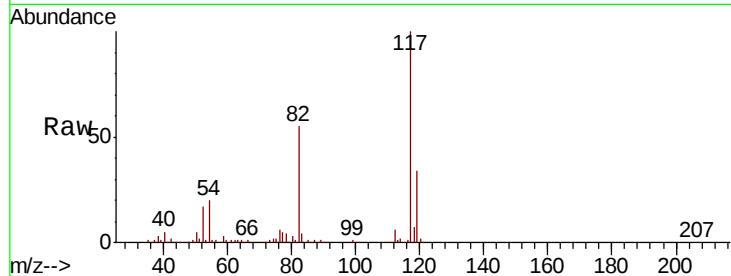




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

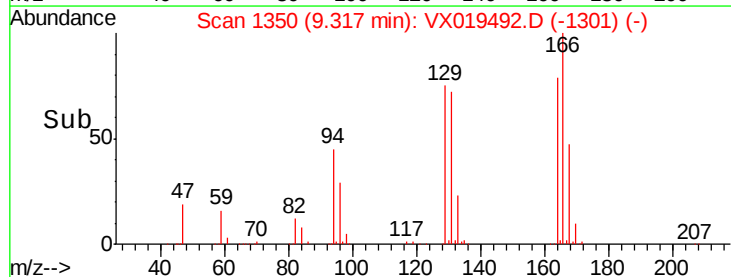
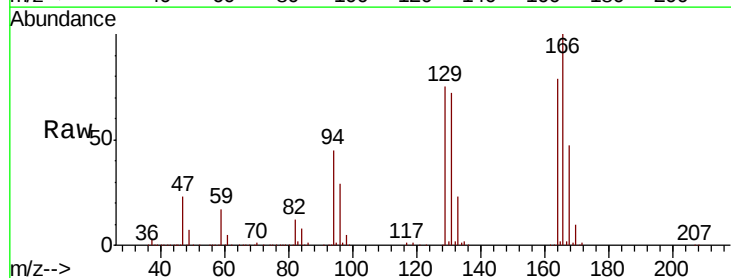
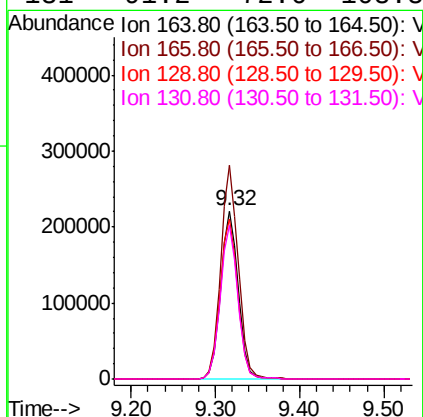
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

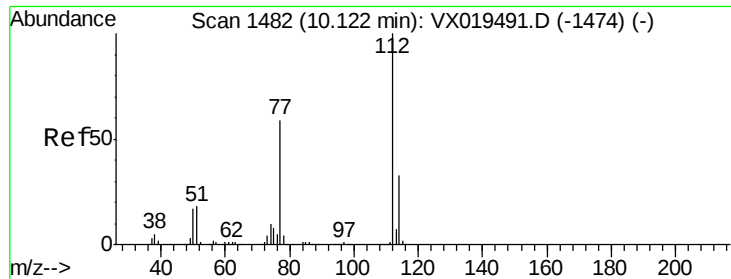
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.0	64.4
119	33.8	25.6	38.4



#64
Tetrachloroethene
Concen: 100.345 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	107.4	161.0
129	95.0	76.6	114.8
131	91.2	72.6	108.8

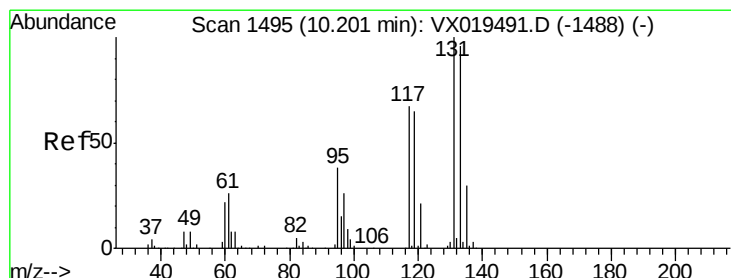
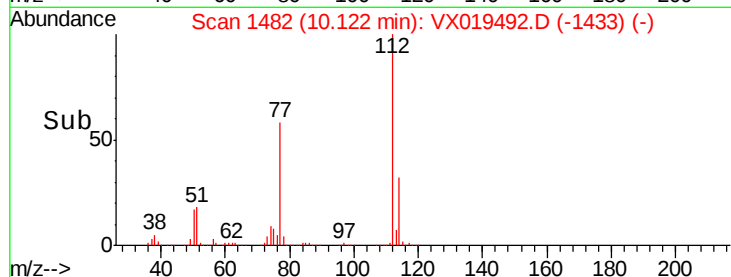
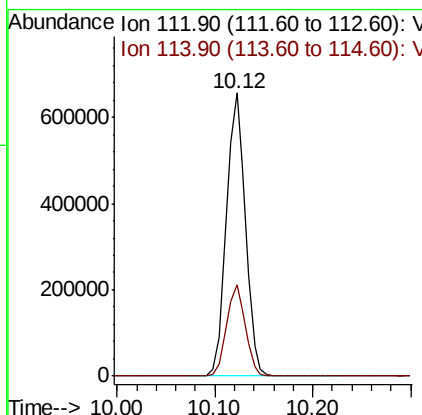
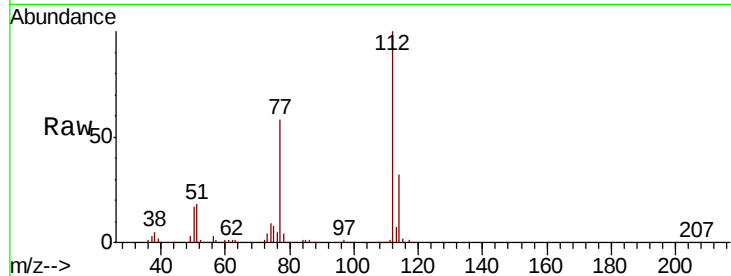




#65
Chlorobenzene
Concen: 106.366 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

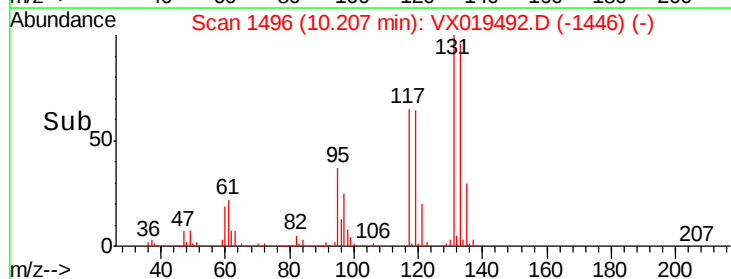
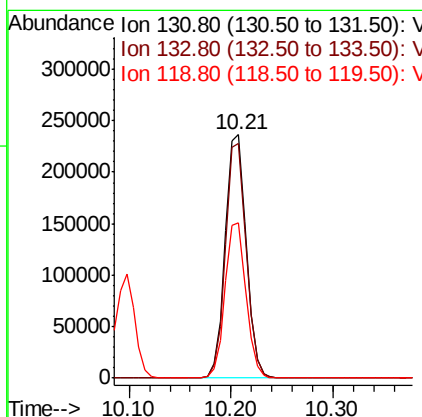
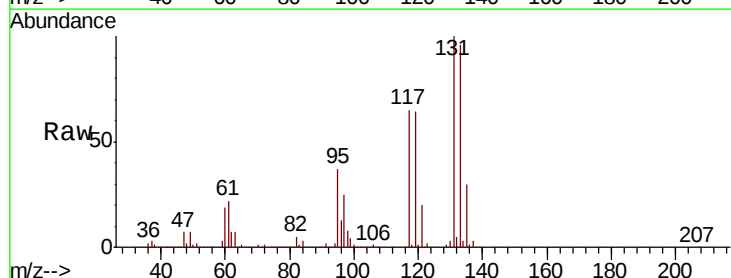
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

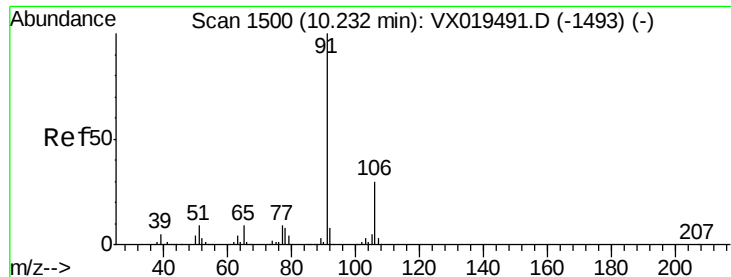
Tot Ion:112 Resp: 886360
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 110.965 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion:131 Resp: 336343
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 63.9 33.0 99.0

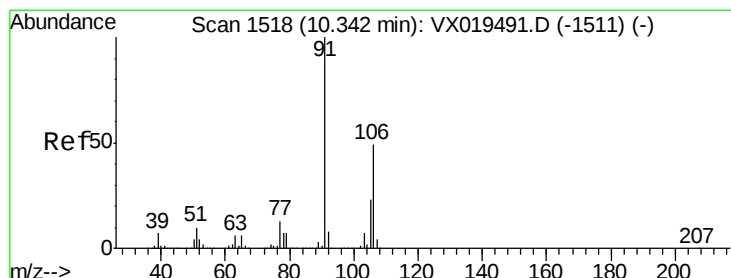
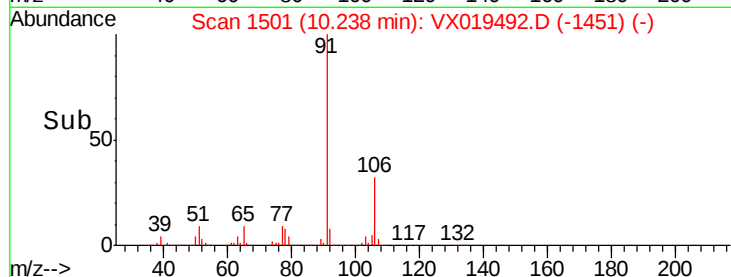
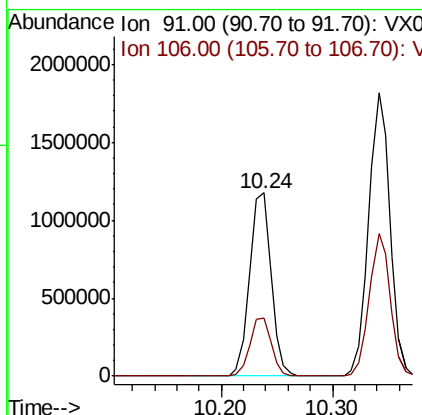
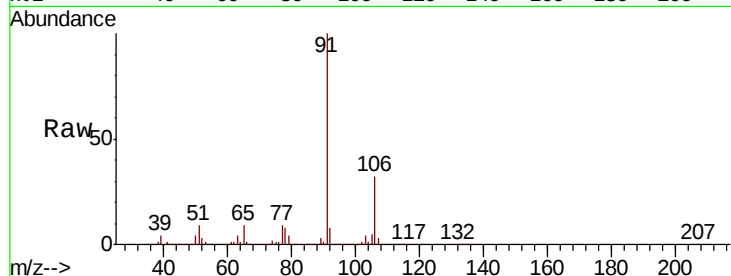




#67
Ethyl Benzene
Concen: 108.834 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

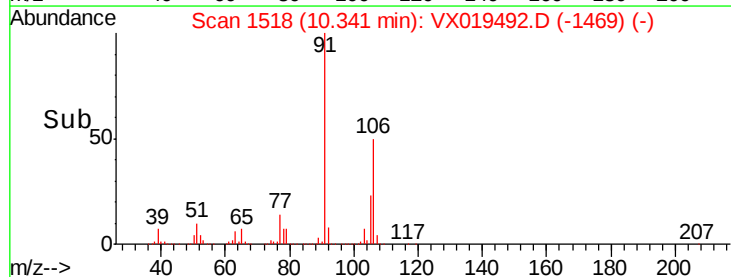
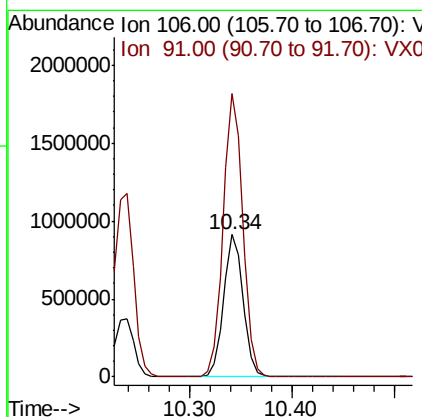
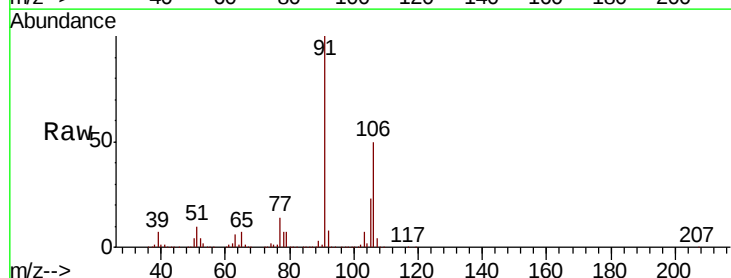
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

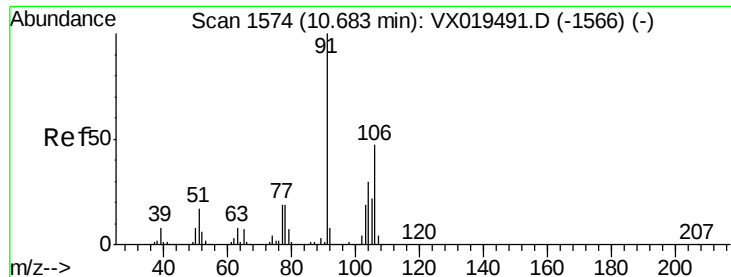
Tot Ion: 91 Resp: 1588793
Ion Ratio Lower Upper
91 100
106 31.9 24.0 36.0



#68
m/p-Xylenes
Concen: 221.961 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion: 106 Resp: 1207200
Ion Ratio Lower Upper
106 100
91 202.1 163.3 244.9

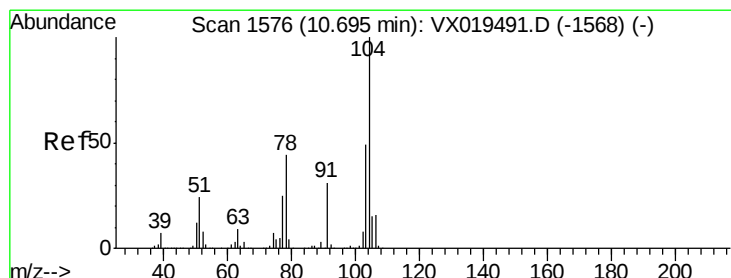
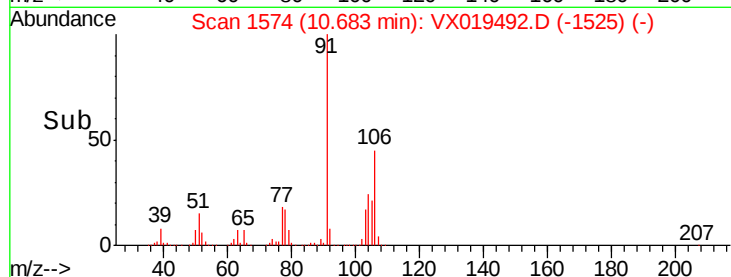
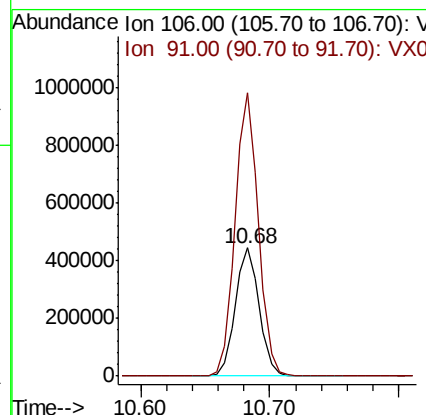
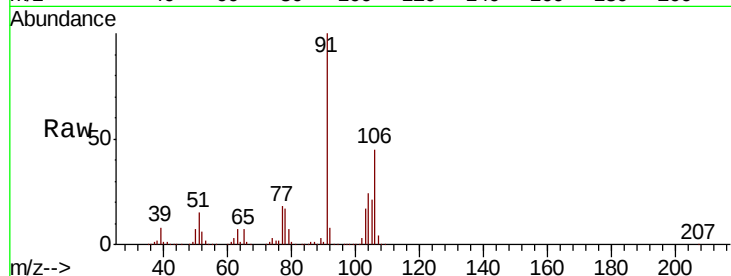




#69
o-Xylene
Concen: 110.591 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

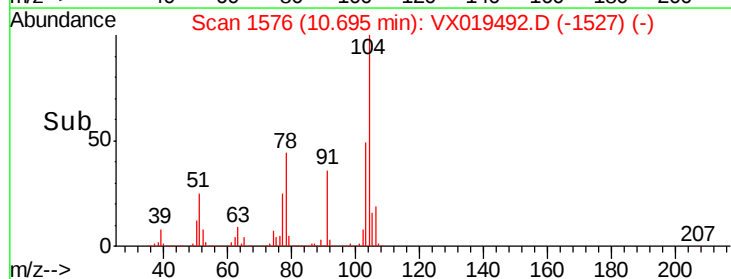
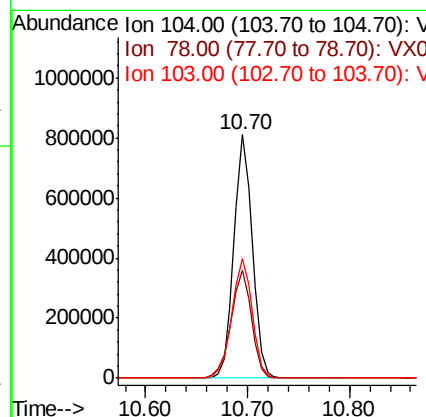
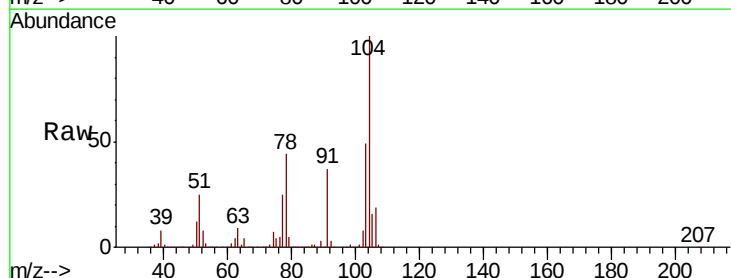
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

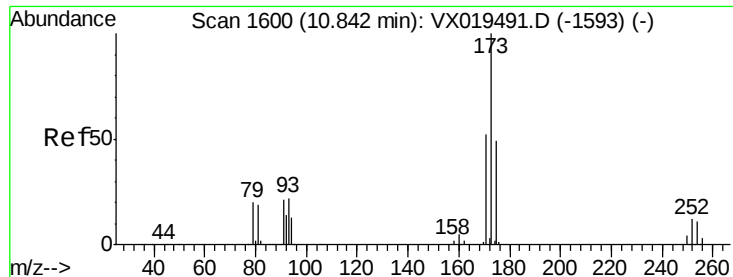
Tot Ion:106 Resp: 574972
Ion Ratio Lower Upper
106 100
91 216.1 108.0 324.0



#70
Styrene
Concen: 116.709 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion:104 Resp: 1007233
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 54.3 43.6 65.4





#71

Bromoform

Concen: 120.048 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

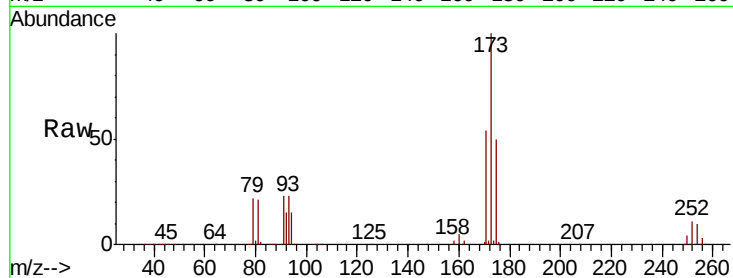
Tot Ion:173 Resp: 266076

Ion Ratio Lower Upper

173 100

175 48.9 24.9 74.8

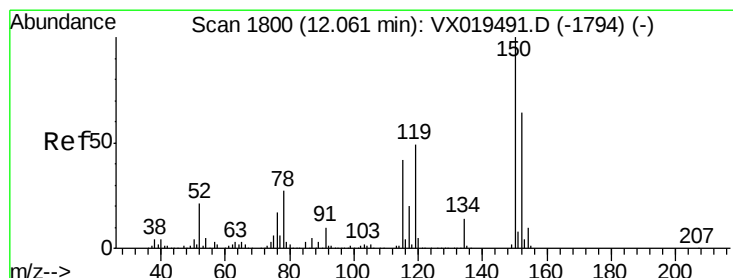
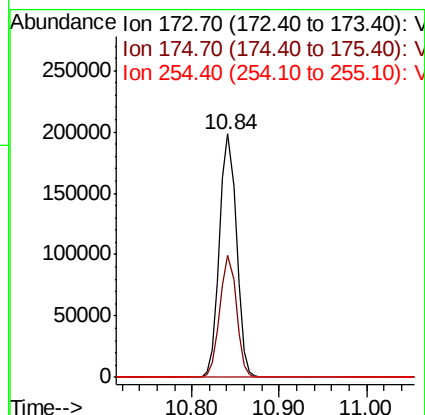
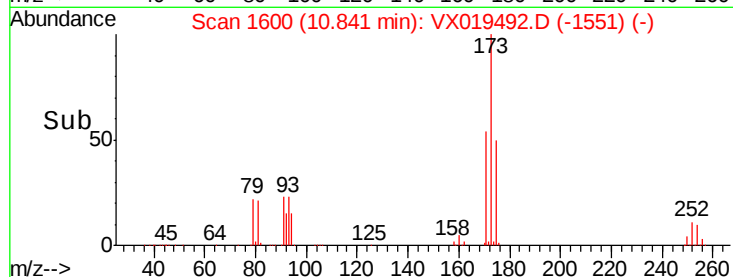
254 0.2 0.1 0.1#



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: VX019492.D

Acq: 20 Nov 2020 11:17

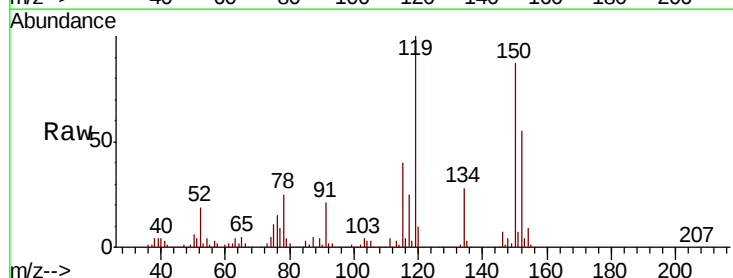
Tgt Ion:152 Resp: 210707

Ion Ratio Lower Upper

152 100

115 109.9 41.8 125.4

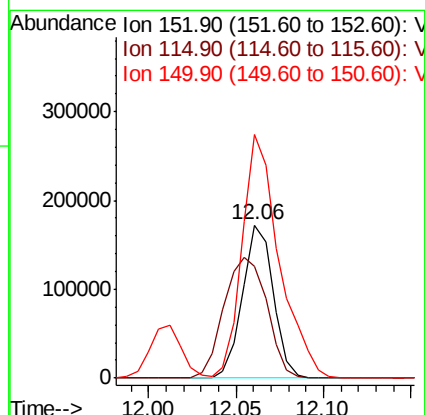
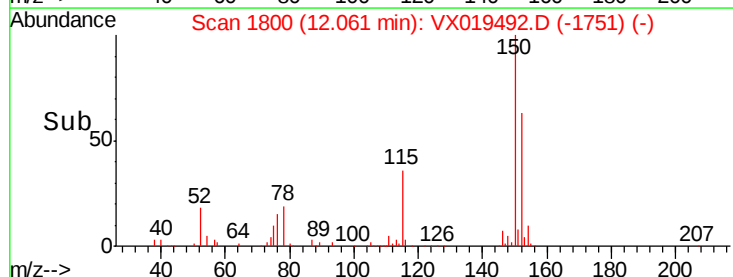
150 191.6 0.0 348.2



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: 106.644 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampled :

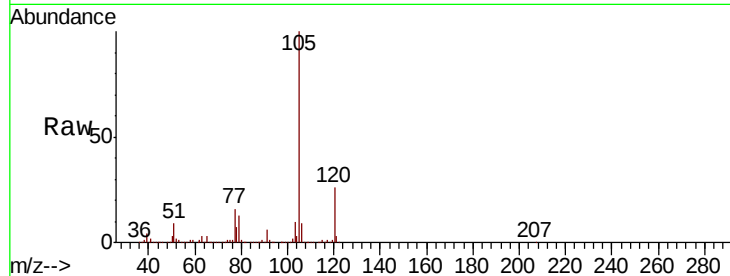
VSTDIC100

Tot Ion:105 Resp: 1554470

Ion Ratio Lower Upper

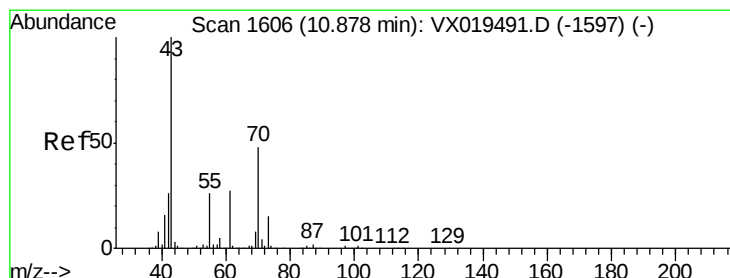
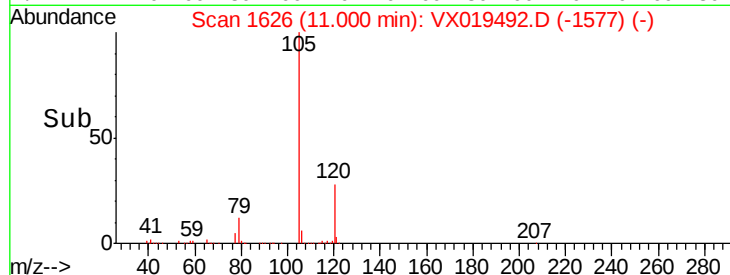
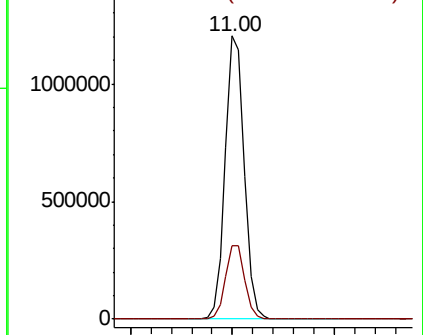
105 100

120 26.4 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 112.740 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Tgt Ion: 43 Resp: 615778

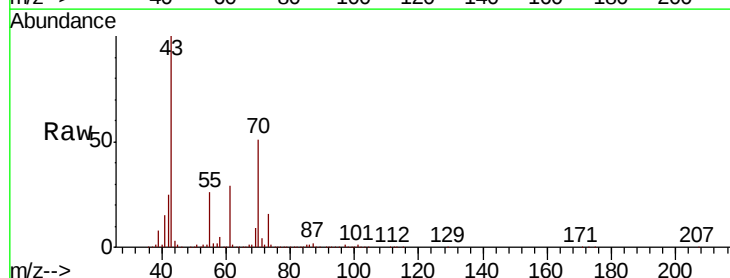
Ion Ratio Lower Upper

43 100

70 49.5 39.7 59.5

55 26.5 21.8 32.6

61 27.9 22.2 33.4

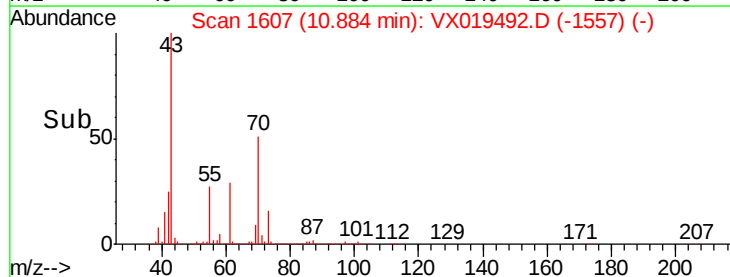
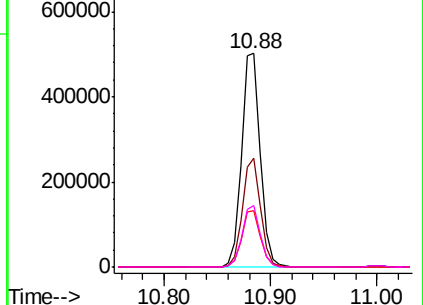


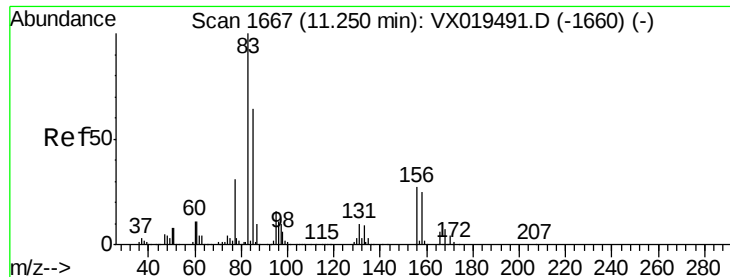
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 101.773 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

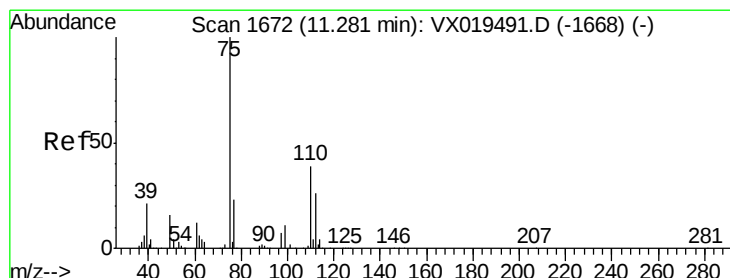
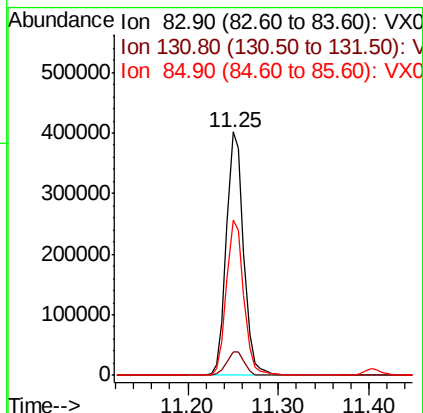
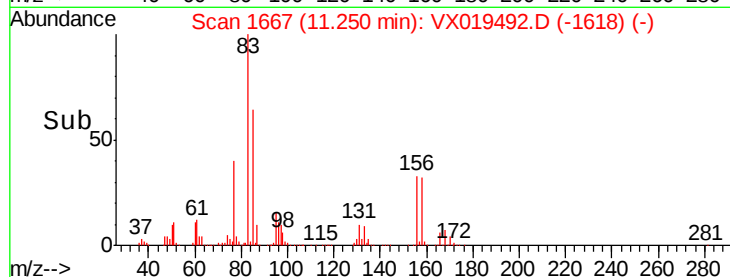
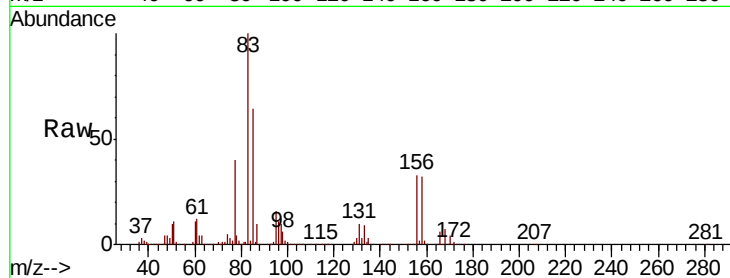
Tot Ion: 83 Resp: 530504

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

85 64.4 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 133.529 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019492.D

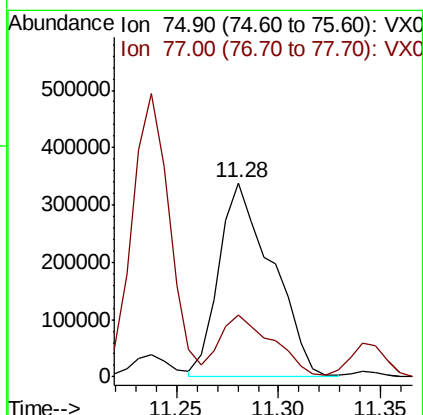
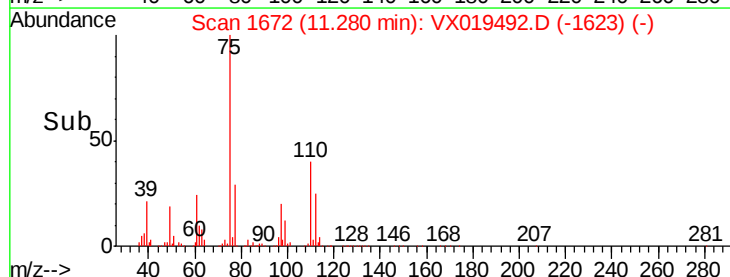
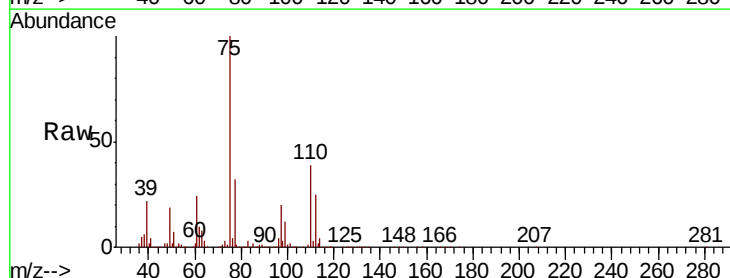
Acq: 20 Nov 2020 11:17

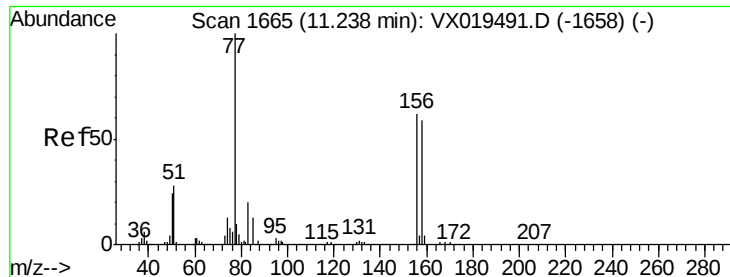
Tgt Ion: 75 Resp: 614010

Ion Ratio Lower Upper

75 100

77 31.7 20.0 60.0





#77

Bromobenzene

Concen: 104.897 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

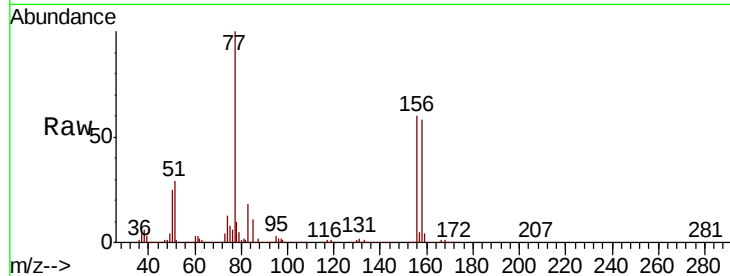
Tot Ion:156 Resp: 390327

Ion Ratio Lower Upper

156 100

77 161.5 82.5 247.3

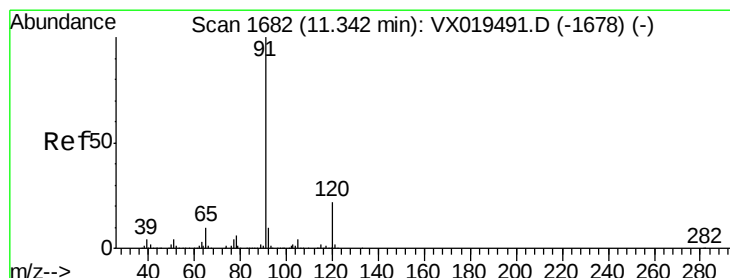
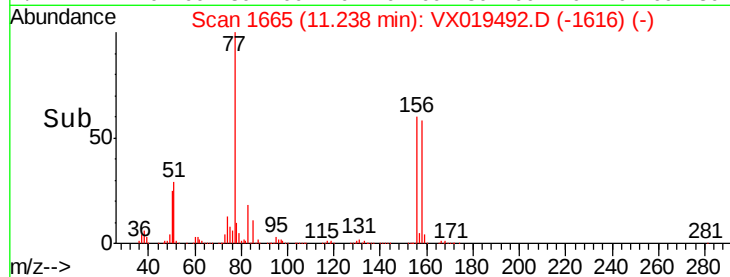
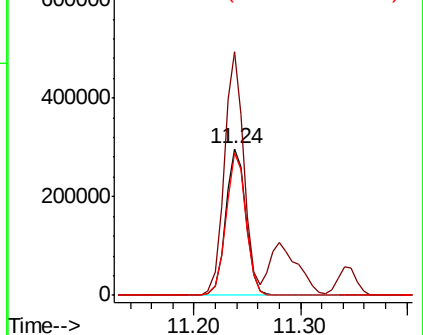
158 96.1 48.9 146.7



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: 108.519 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019492.D

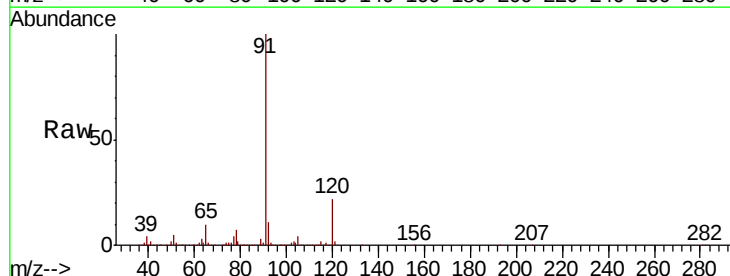
Acq: 20 Nov 2020 11:17

Tgt Ion: 91 Resp: 1814632

Ion Ratio Lower Upper

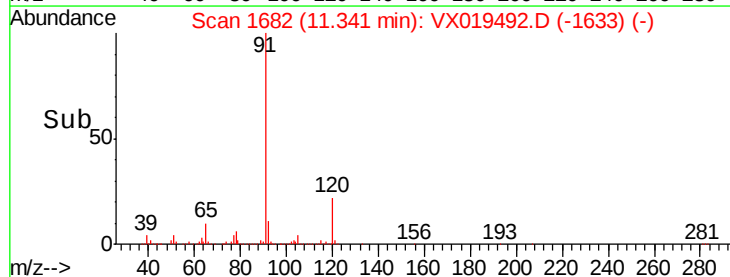
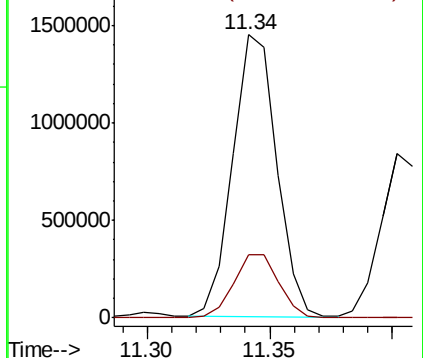
91 100

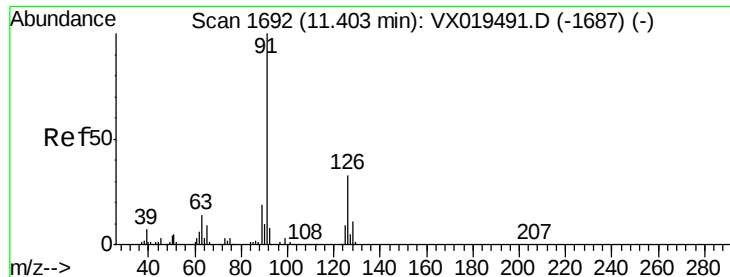
120 23.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 105.835 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

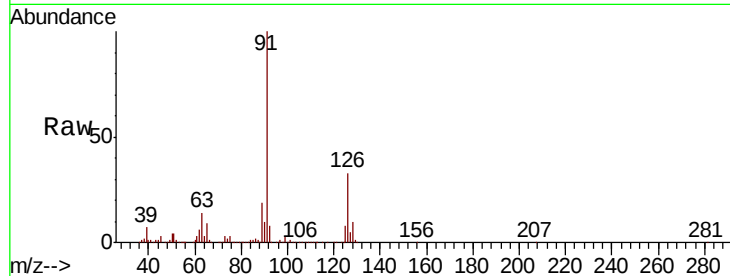
VSTDIC100

Tot Ion: 91 Resp: 1073294

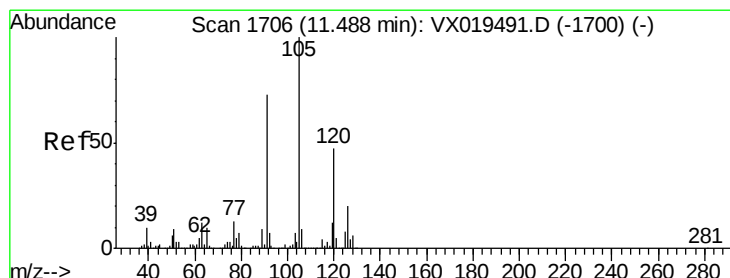
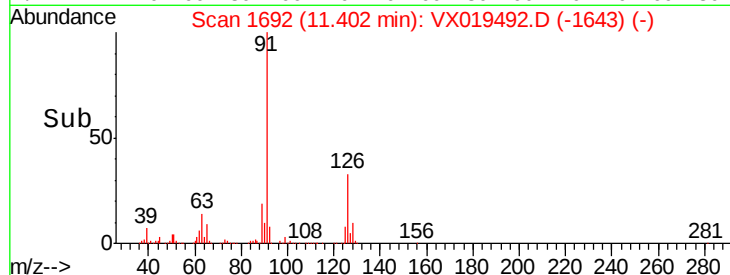
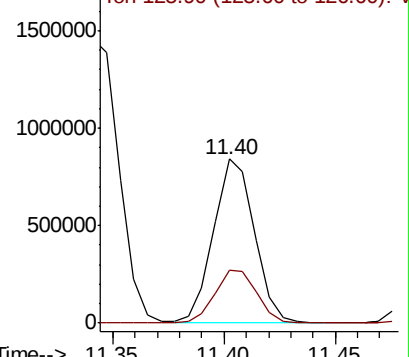
Ion Ratio Lower Upper

91 100

126 33.6 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 110.220 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019492.D

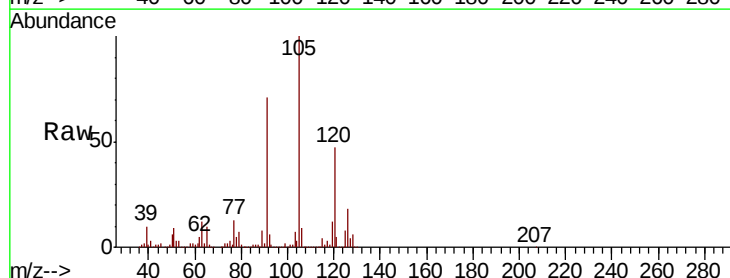
Acq: 20 Nov 2020 11:17

Tgt Ion: 105 Resp: 1347731

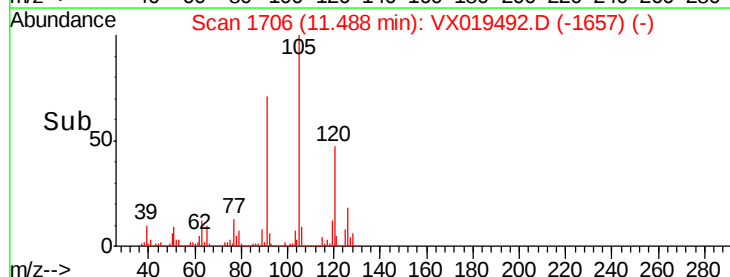
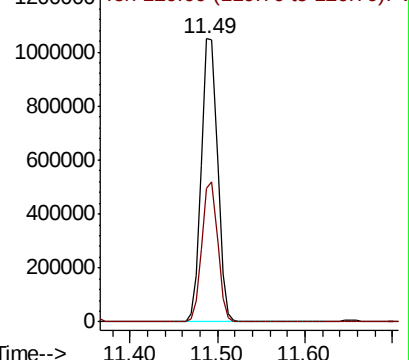
Ion Ratio Lower Upper

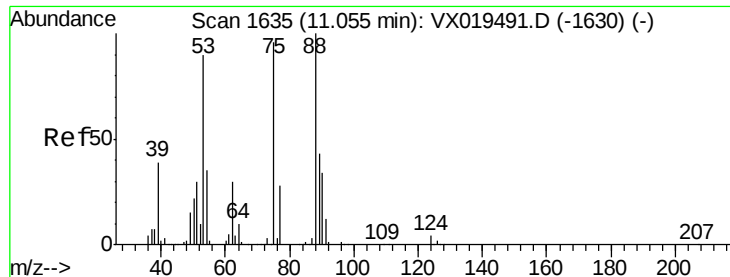
105 100

120 48.5 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX019491.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 115.943 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

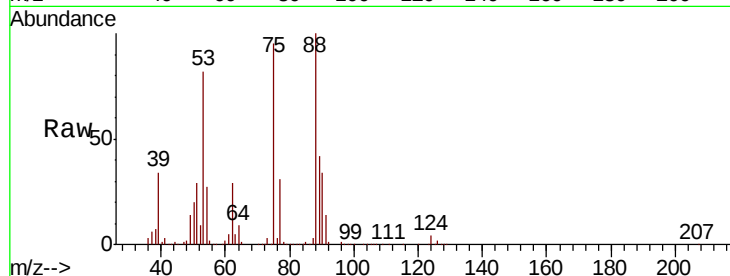
Tot Ion: 75 Resp: 181244

Ion Ratio Lower Upper

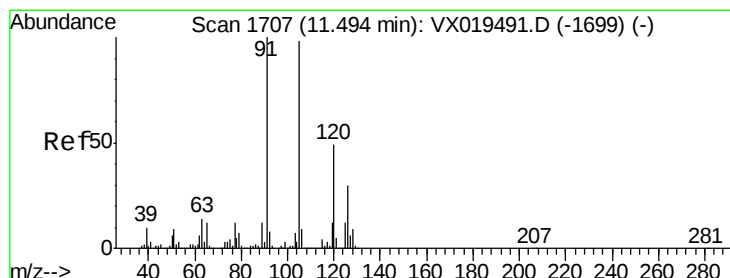
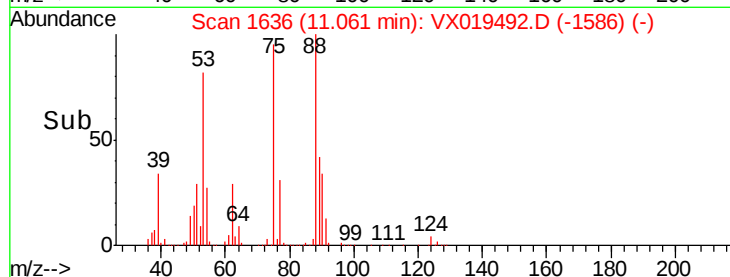
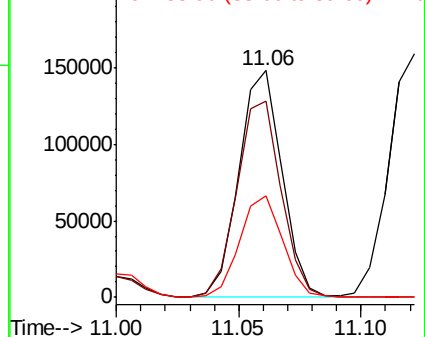
75 100

53 89.1 73.9 110.9

89 45.2 37.3 55.9



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



#82

4-Chlorotoluene

Concen: 107.399 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019492.D

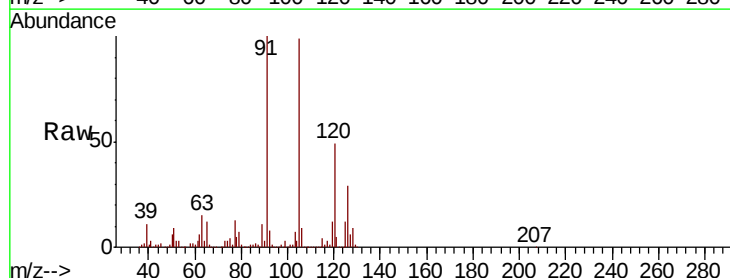
Acq: 20 Nov 2020 11:17

Tgt Ion: 91 Resp: 1282154

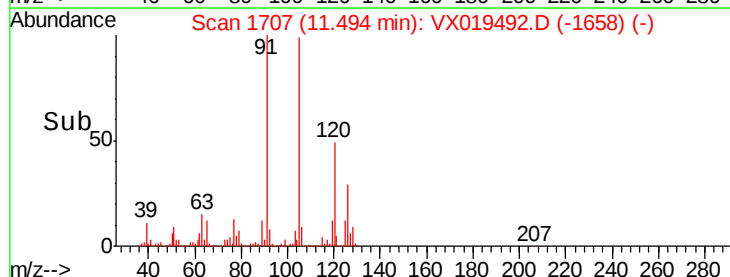
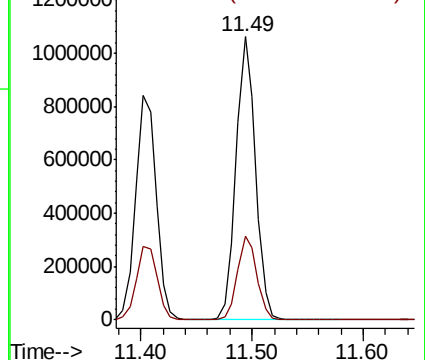
Ion Ratio Lower Upper

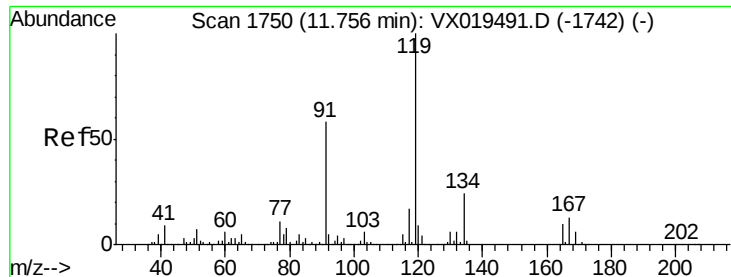
91 100

126 29.5 14.9 44.7



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

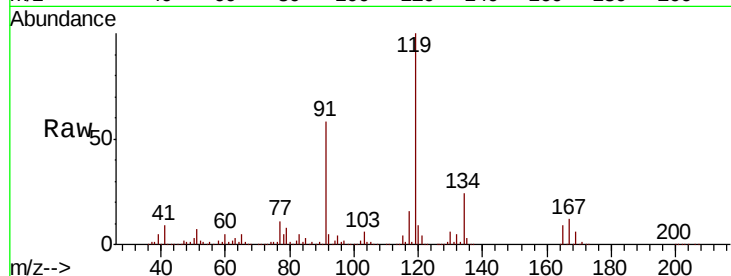




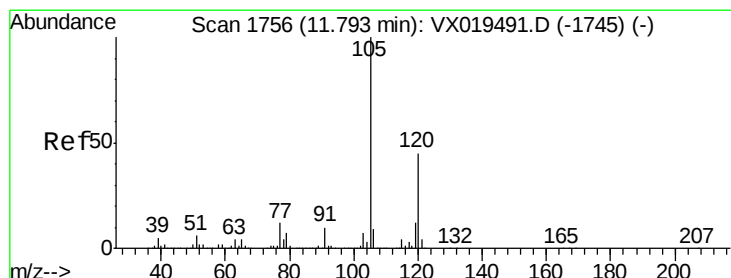
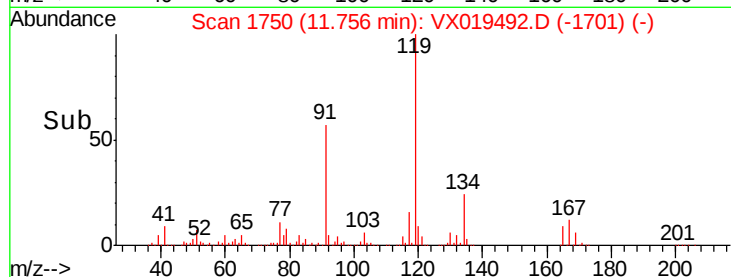
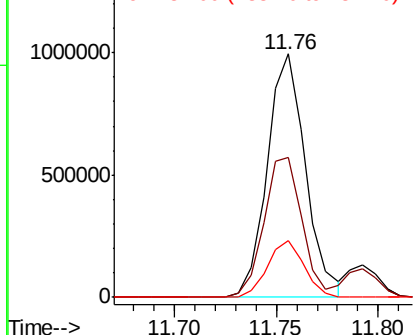
#83
tert-Butylbenzene
Concen: 110.173 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:119 Resp: 1303315
Ion Ratio Lower Upper
119 100
91 56.9 28.9 86.8
134 22.6 11.7 35.0

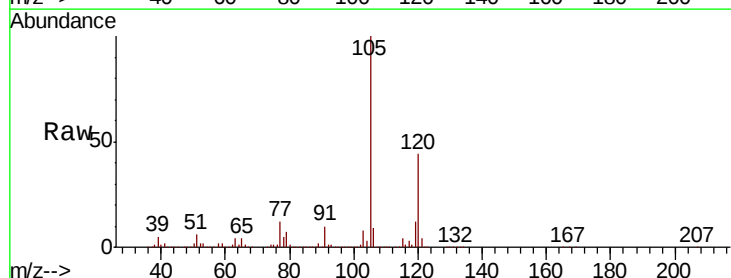


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

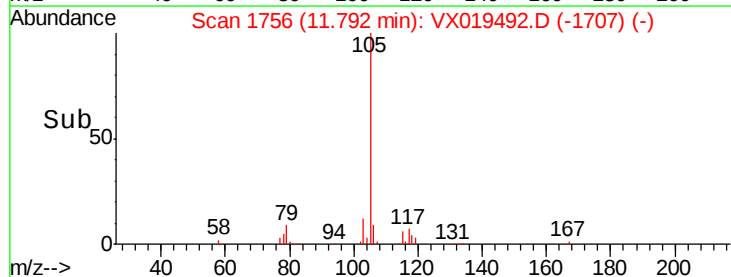
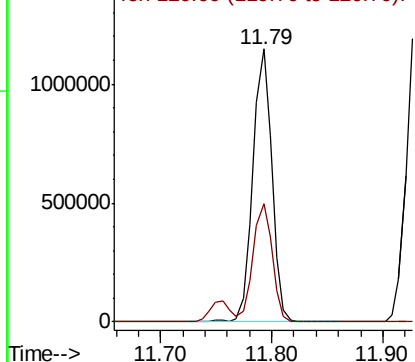


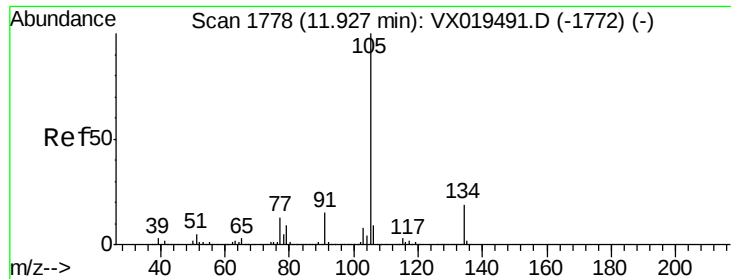
#84
1,2,4-Trimethylbenzene
Concen: 110.356 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion:105 Resp: 1365333
Ion Ratio Lower Upper
105 100
120 44.0 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

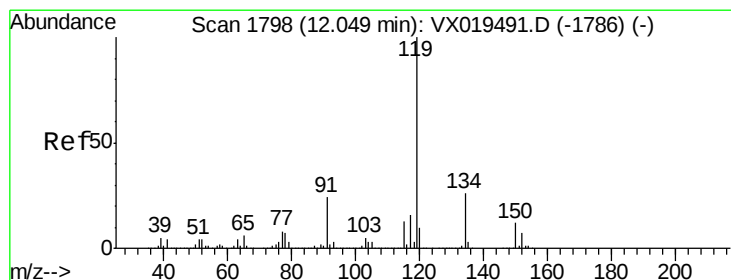
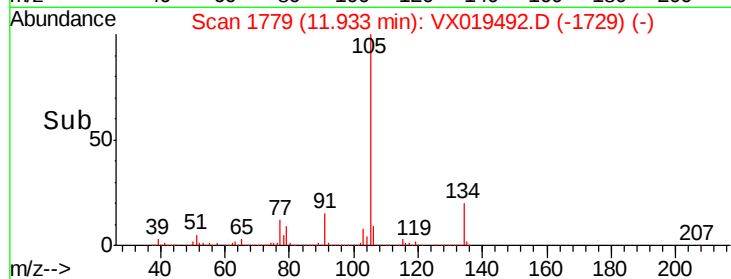
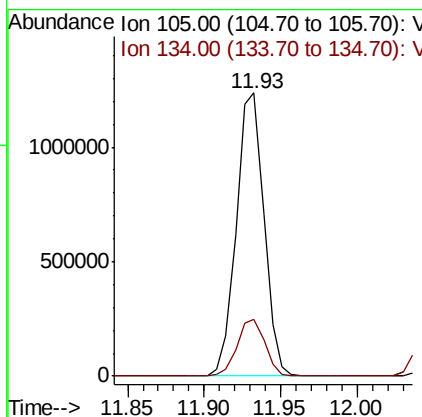
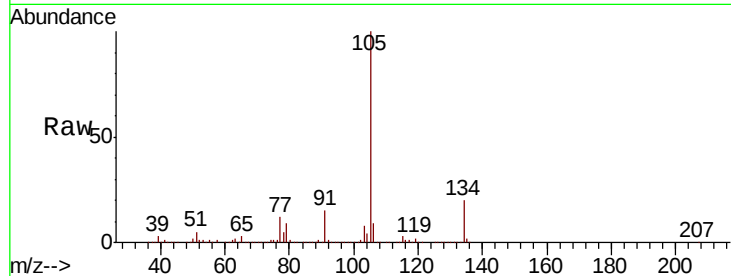




#85
 sec-Butylbenzene
 Concen: 110.025 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

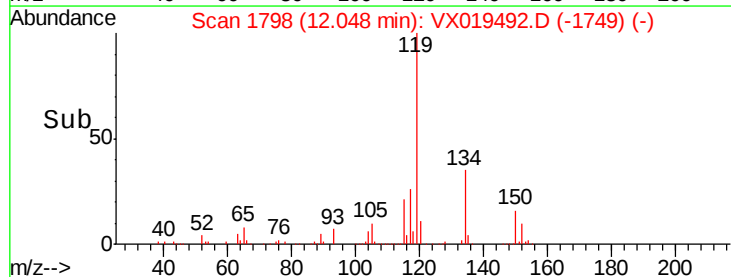
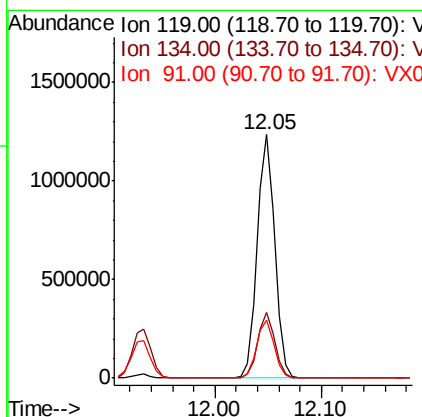
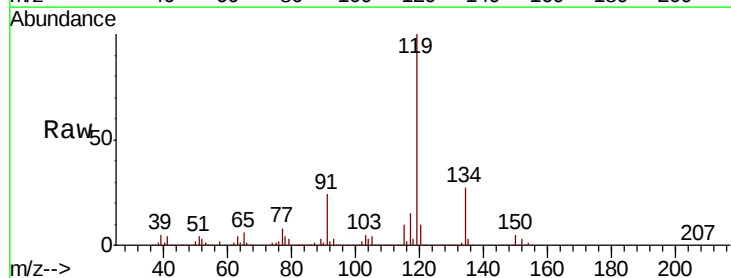
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

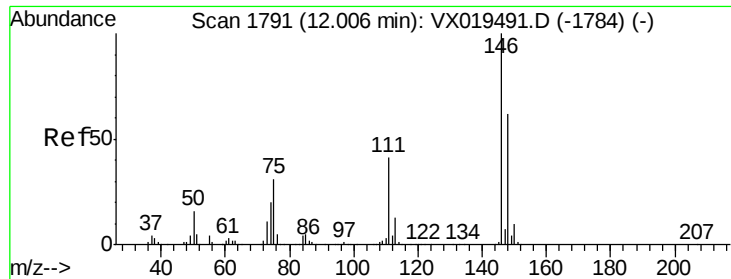
Tot Ion:105 Resp: 1548419
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 112.139 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion:119 Resp: 1432861
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 23.6 11.8 35.4

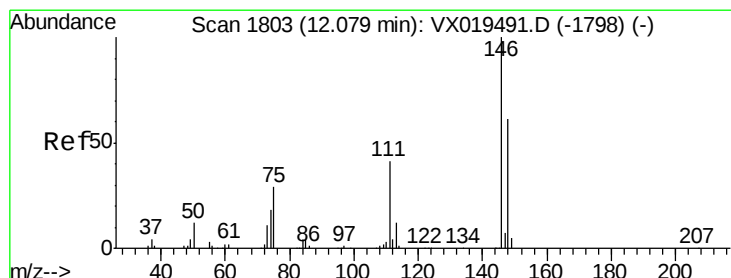
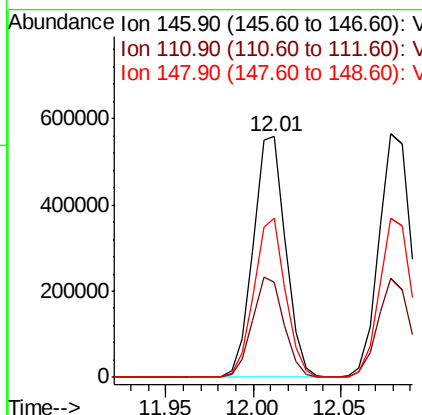
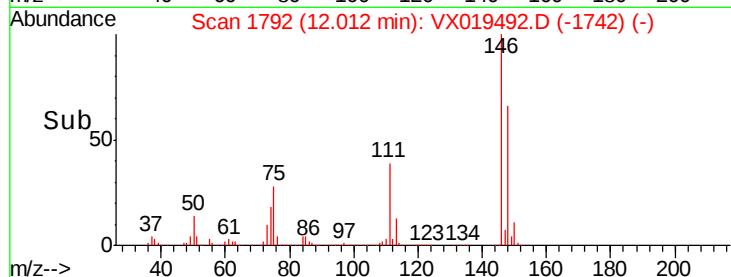
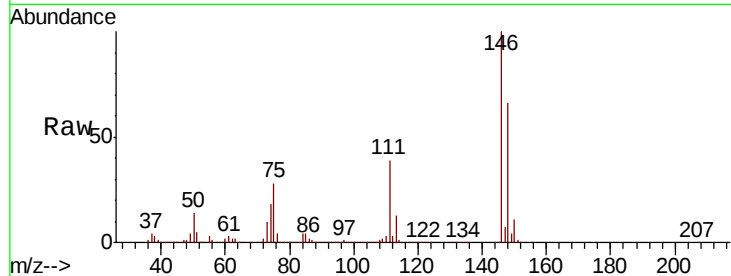




#87
 1,3-Dichlorobenzene
 Concen: 105.473 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

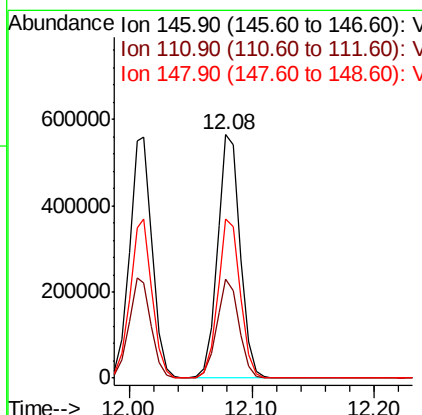
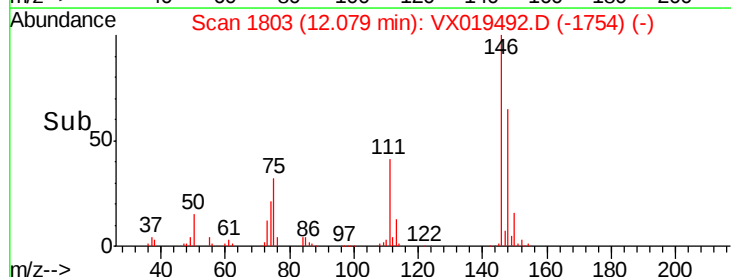
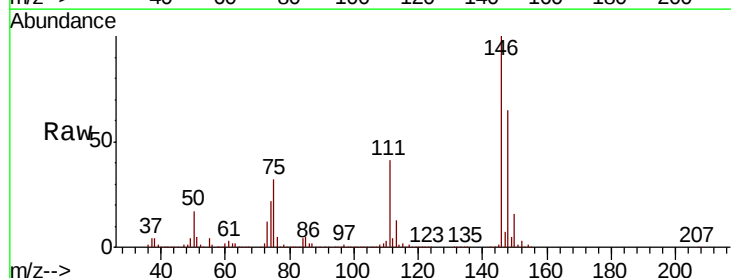
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

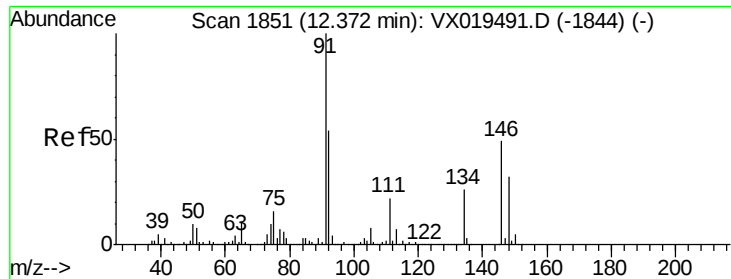
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.6
148	64.0	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 102.691 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.6
148	64.7	31.7	95.1

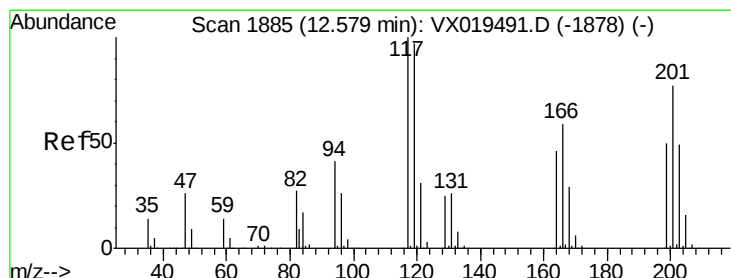
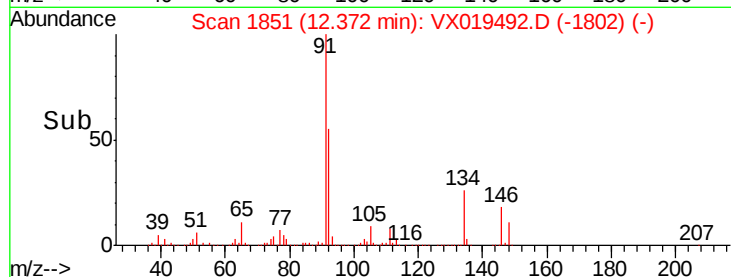
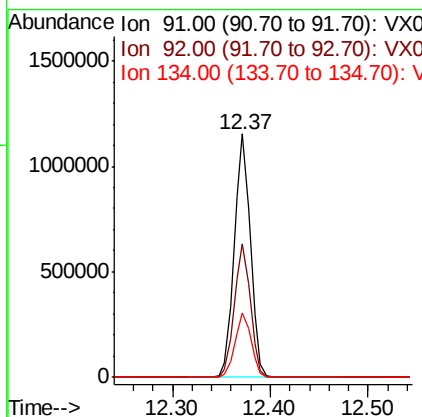
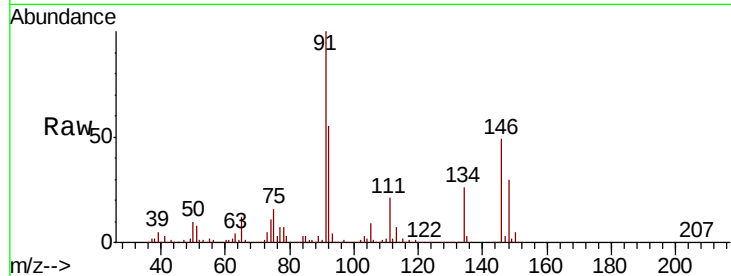




#89
n-Butylbenzene
Concen: 114.040 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

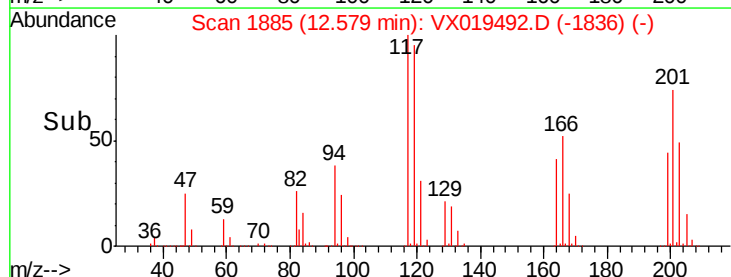
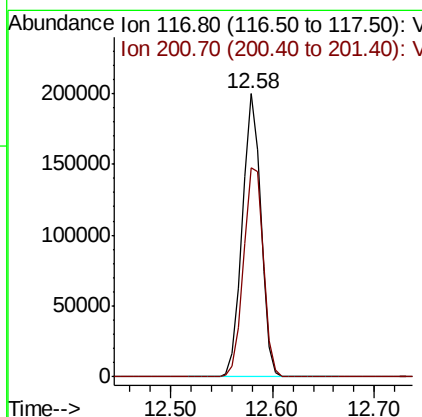
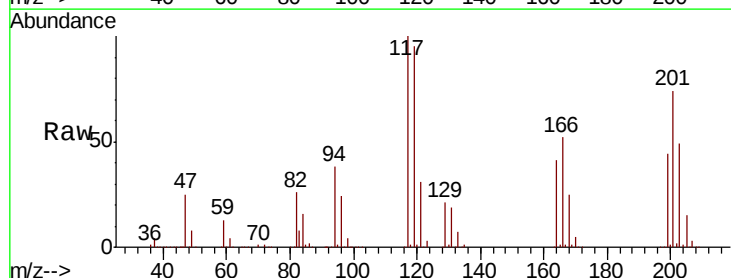
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

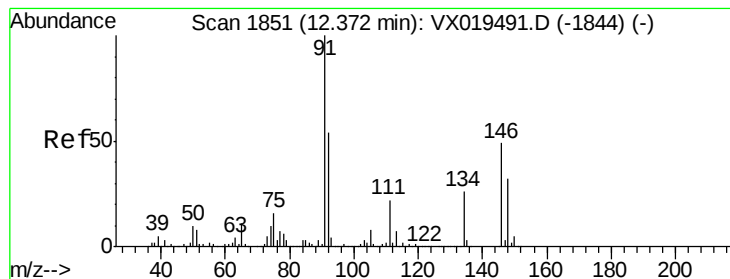
Tot Ion: 91 Resp: 1317331
Ion Ratio Lower Upper
91 100
92 54.7 26.9 80.6
134 26.4 12.9 38.6



#90
Hexachloroethane
Concen: 116.575 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion: 117 Resp: 249251
Ion Ratio Lower Upper
117 100
201 79.3 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 105.127 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

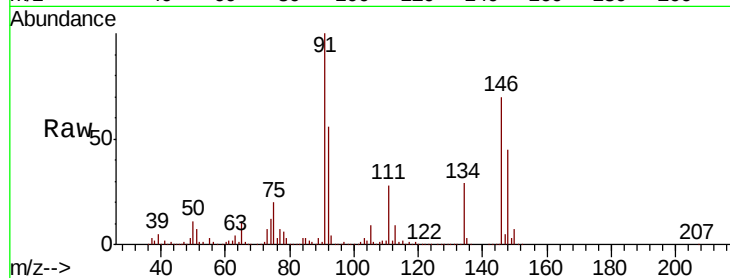
Tot Ion:146 Resp: 721548

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.3

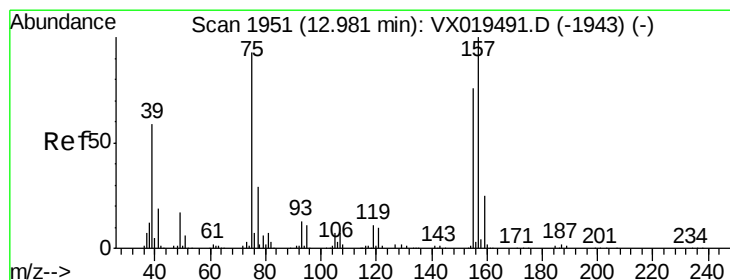
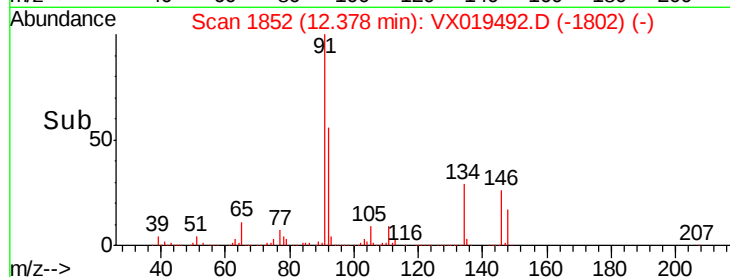
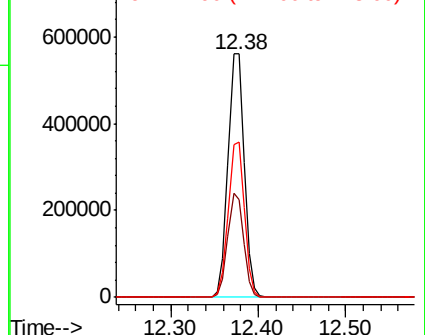
148 63.3 32.4 97.0



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: 110.345 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019492.D

Acq: 20 Nov 2020 11:17

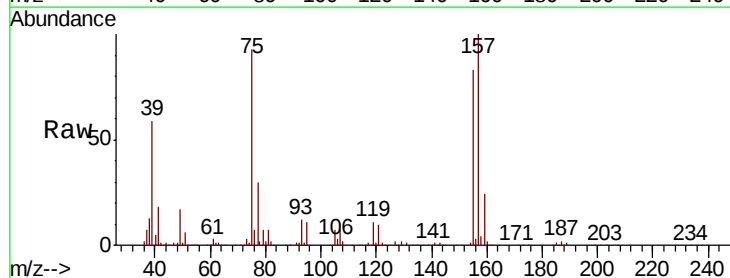
Tgt Ion: 75 Resp: 117343

Ion Ratio Lower Upper

75 100

155 91.8 43.6 130.9

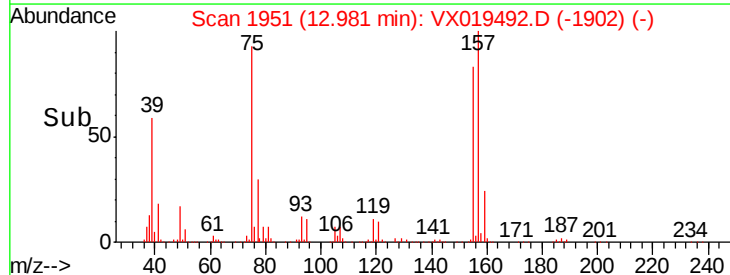
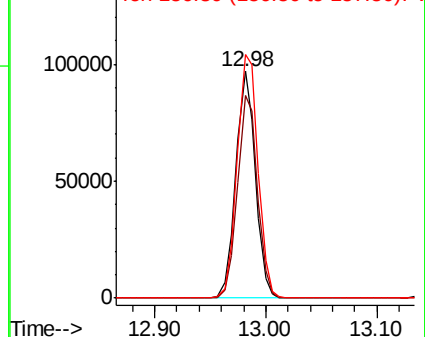
157 114.9 57.0 170.8



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

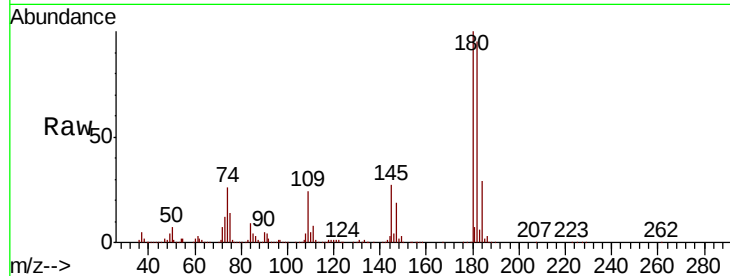




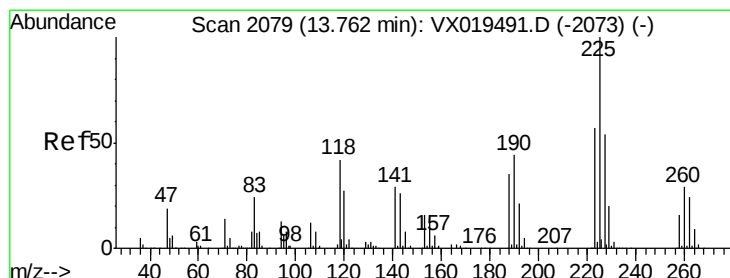
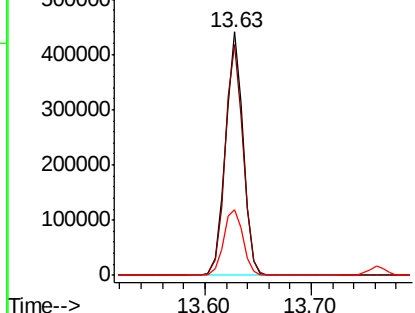
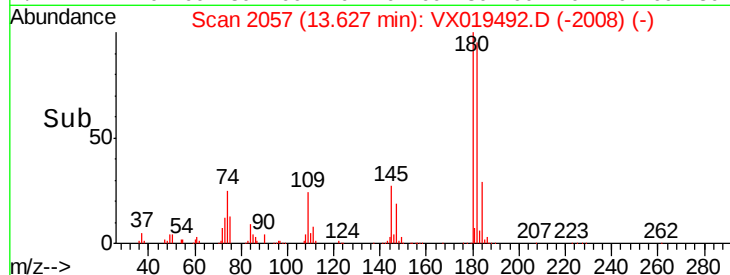
#93
 1,2,4-Trichlorobenzene
 Concen: 115.761 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	180	Resp:	510105
Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.6	145.9
145	29.7	15.9	47.7

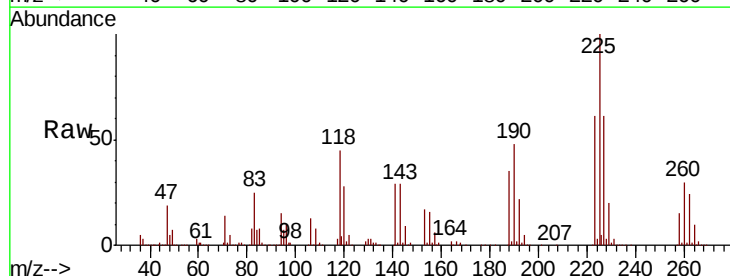


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

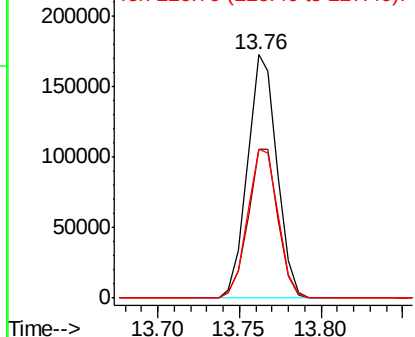
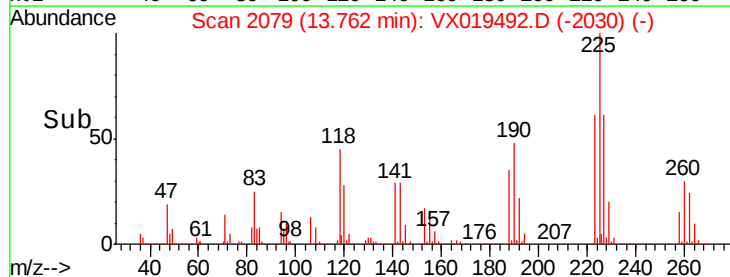


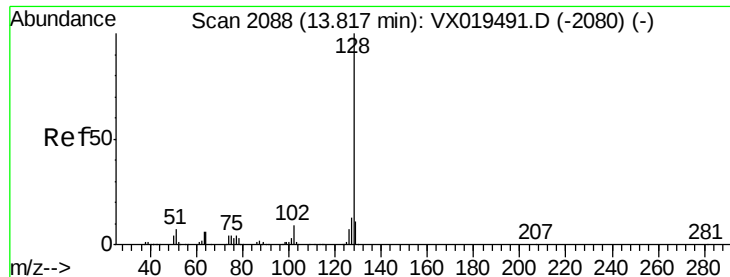
#94
 Hexachlorobutadiene
 Concen: 108.247 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019492.D
 Acq: 20 Nov 2020 11:17

Tgt Ion:	225	Resp:	217291
Ion	Ratio	Lower	Upper
225	100		
223	61.9	32.5	97.5
227	63.0	32.8	98.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

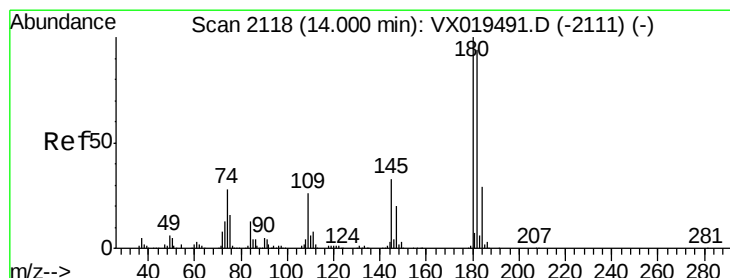
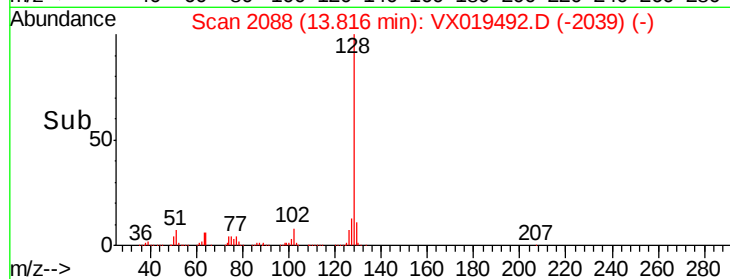
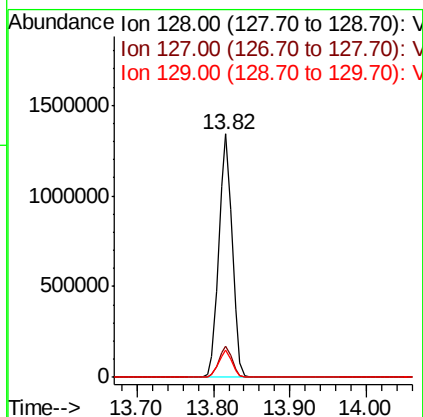
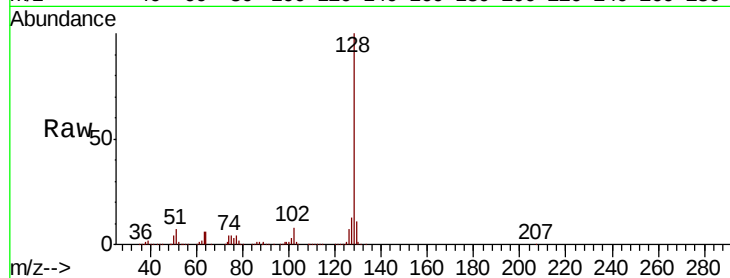




#95
Naphthalene
Concen: 118.473 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 1616165
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 112.167 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019492.D
Acq: 20 Nov 2020 11:17

Tgt Ion:180 Resp: 494395
Ion Ratio Lower Upper
180 100
182 96.1 48.1 144.3
145 33.3 16.6 49.8

