

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
 Data File : VX019142.D
 Acq On : 27 Oct 2020 17:33
 Operator : JC/MD
 Sample : VX1027WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

Quant Time: Oct 28 02:32:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171560	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	5.46	113	137349	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	8.70	98	522620	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.12	95	195921	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	42654	18.479	ug/l	99
3) Chloromethane	1.31	50	48458	18.791	ug/l	100
4) Vinyl Chloride	1.39	62	56153	18.776	ug/l	98
5) Bromomethane	1.64	94	43422	21.260	ug/l	97
6) Chloroethane	1.71	64	36661	19.199	ug/l	99
7) Trichlorofluoromethane	1.92	101	88643	18.866	ug/l	97
8) Diethyl Ether	2.17	74	34784	19.290	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48951	18.796	ug/l	98
10) Methyl Iodide	2.50	142	42788	18.522	ug/l	100
11) Tert butyl alcohol	3.03	59	66461	94.233	ug/l	99
12) 1,1-Dichloroethene	2.35	96	48767	18.172	ug/l	96
13) Acrolein	2.28	56	24426	81.359	ug/l	99
14) Allyl chloride	2.71	41	75269	18.517	ug/l	99
15) Acrylonitrile	3.12	53	143612	96.901	ug/l	100
16) Acetone	2.42	43	116738	94.765	ug/l	97
17) Carbon Disulfide	2.55	76	135675	18.226	ug/l	100
18) Methyl Acetate	2.75	43	56719	18.934	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	175700	18.896	ug/l	100
20) Methylene Chloride	2.84	84	56317	18.210	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	55446	17.952	ug/l	92
22) Diisopropyl ether	3.82	45	157277	19.408	ug/l	96
23) Vinyl Acetate	3.78	43	695828	96.289	ug/l	98
24) 1,1-Dichloroethane	3.67	63	95391	18.853	ug/l	99
25) 2-Butanone	4.63	43	188167	96.922	ug/l	98
26) 2,2-Dichloropropane	4.55	77	85966	18.073	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	63104	18.284	ug/l	98
28) Bromochloromethane	4.98	49	42274	18.379	ug/l #	95
29) Tetrahydrofuran	5.09	42	120699	98.653	ug/l	100
30) Chloroform	5.18	83	102131	18.964	ug/l	100
31) Cyclohexane	5.55	56	82896	18.365	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	92379	18.920	ug/l	99
36) 1,1-Dichloropropene	5.77	75	77154	18.261	ug/l	99
37) Ethyl Acetate	4.79	43	75825	19.329	ug/l	100
38) Carbon Tetrachloride	5.76	117	78787	18.295	ug/l	95

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 Sample : VX1027WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

Quant Time: Oct 28 02:32:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	91877	18.187	ug/l	96
40) Benzene	6.12	78	226974	18.947	ug/l	100
41) Methacrylonitrile	5.01	41	39292	18.599	ug/l	99
42) 1,2-Dichloroethane	6.16	62	83281	18.864	ug/l	100
43) Isopropyl Acetate	6.41	43	123292	18.770	ug/l	100
44) Trichloroethene	7.19	130	61612	17.959	ug/l	96
45) 1,2-Dichloropropane	7.49	63	56736	19.337	ug/l	97
46) Dibromomethane	7.63	93	40025	18.447	ug/l	99
47) Bromodichloromethane	7.87	83	79755	18.649	ug/l	99
48) Methyl methacrylate	7.74	41	60094	19.008	ug/l	99
49) 1,4-Dioxane	7.73	88	27431	390.158	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	375587	99.487	ug/l	100
52) Toluene	8.76	92	146677	19.011	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	87163	17.844	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	95237	18.541	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	57983	19.021	ug/l	99
56) Ethyl methacrylate	9.16	69	87324	18.965	ug/l	99
57) 1,3-Dichloropropane	9.35	76	98253	19.117	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	237144	92.090	ug/l	98
59) 2-Hexanone	9.47	43	284833	99.116	ug/l	99
60) Dibromochloromethane	9.57	129	63496	19.193	ug/l	97
61) 1,2-Dibromoethane	9.65	107	62327	19.120	ug/l	98
64) Tetrachloroethene	9.32	164	56608	18.347	ug/l	97
65) Chlorobenzene	10.12	112	153995	18.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	56173	18.852	ug/l	97
67) Ethyl Benzene	10.23	91	280241	19.001	ug/l	99
68) m/p-Xylenes	10.34	106	211734	38.250	ug/l	99
69) o-Xylene	10.68	106	101241	19.283	ug/l	100
70) Styrene	10.69	104	169395	18.909	ug/l	100
71) Bromoform	10.84	173	42045	17.797	ug/l #	98
73) Isopropylbenzene	11.00	105	275169	19.079	ug/l	99
74) N-amyl acetate	10.88	43	101754	19.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	87784	19.476	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	100902	23.984	ug/l	87
77) Bromobenzene	11.24	156	66209	18.497	ug/l	96
78) n-propylbenzene	11.34	91	312744	18.996	ug/l	100
79) 2-Chlorotoluene	11.40	91	184598	19.045	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	229725	18.855	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	27624	17.289	ug/l	98
82) 4-Chlorotoluene	11.49	91	218036	18.421	ug/l	99
83) tert-Butylbenzene	11.76	119	221914	19.022	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	230331	18.725	ug/l	99
85) sec-Butylbenzene	11.93	105	265988	19.010	ug/l	99
86) p-Isopropyltoluene	12.05	119	245262	18.991	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	121287	18.195	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	121300	17.481	ug/l	98
89) n-Butylbenzene	12.37	91	218925	18.034	ug/l	99
90) Hexachloroethane	12.58	117	40522	18.460	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	119958	18.741	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19809	17.952	ug/l	98

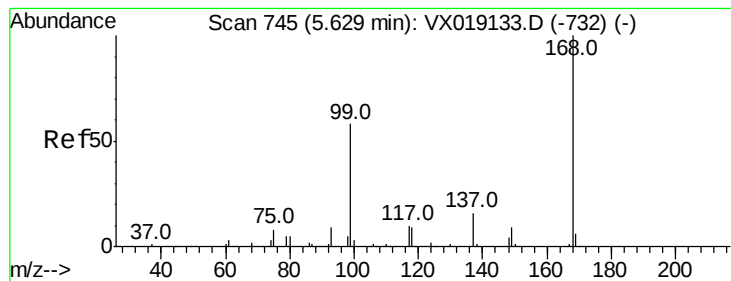
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102720\
Data File : VX019142.D
Acq On : 27 Oct 2020 17:33
Operator : JC/MD
Sample : VX1027WBS01
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Quant Time: Oct 28 02:32:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	80367	16.716	ug/l	96
94) Hexachlorobutadiene	13.76	225	36270	17.137	ug/l	97
95) Naphthalene	13.82	128	265094	17.507	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	80270	17.210	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

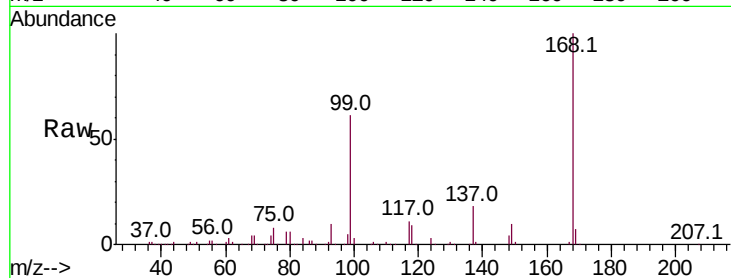
VX1027WBS01

Tot Ion:168 Resp: 276887

Ion Ratio Lower Upper

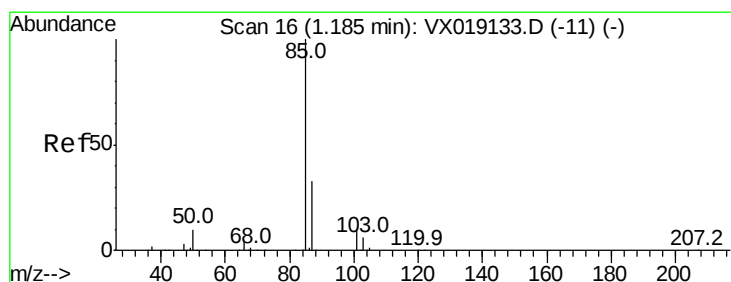
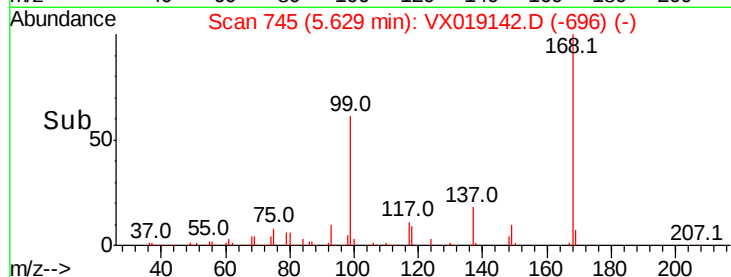
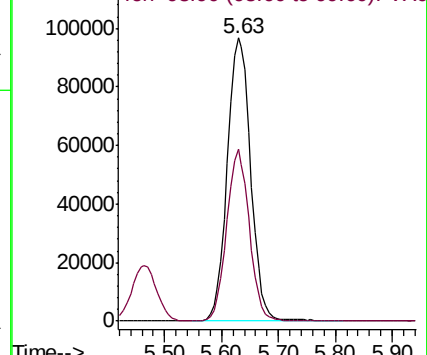
168 100

99 60.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.479 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019142.D

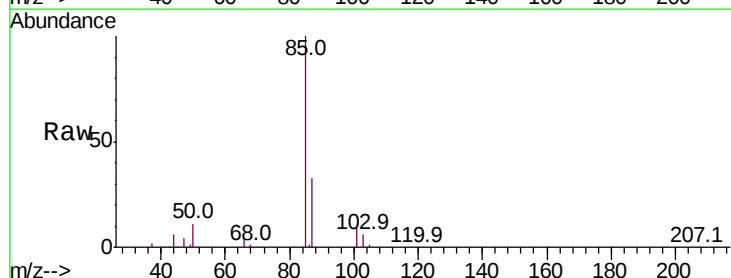
Acq: 27 Oct 2020 17:33

Tgt Ion: 85 Resp: 42654

Ion Ratio Lower Upper

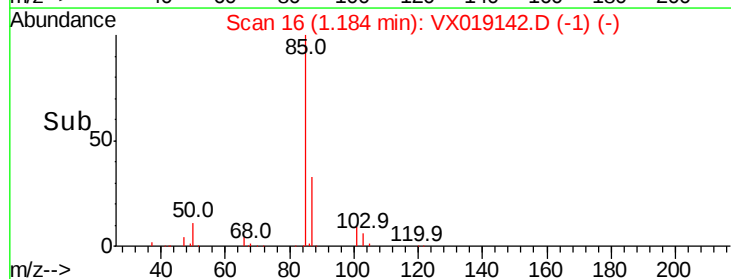
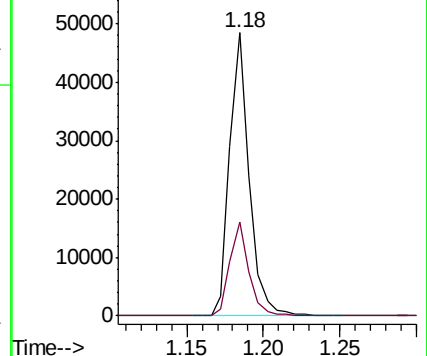
85 100

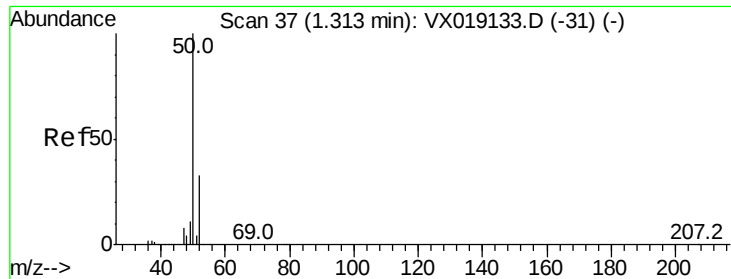
87 33.4 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.791 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampled :

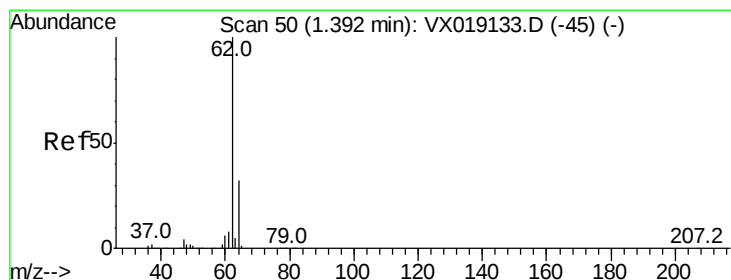
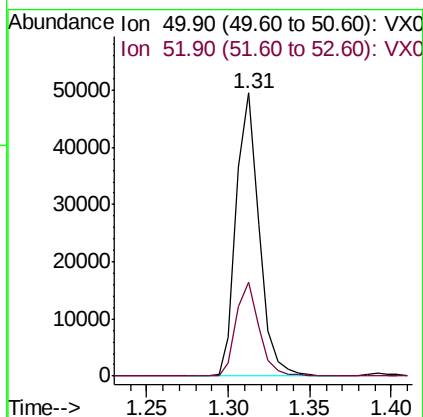
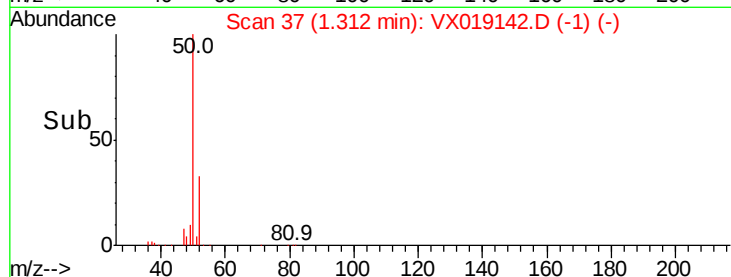
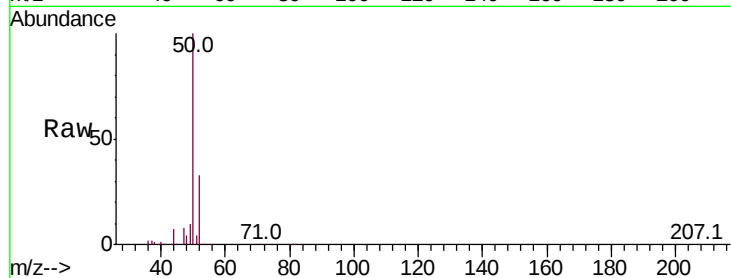
VX1027WBS01

Tot Ion: 50 Resp: 48458

Ion Ratio Lower Upper

50 100

52 33.3 26.8 40.2



#4

Vinyl Chloride

Concen: 18.776 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019142.D

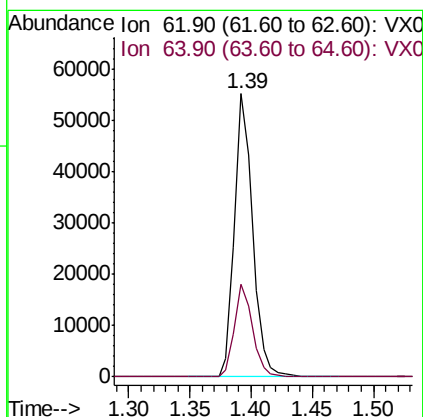
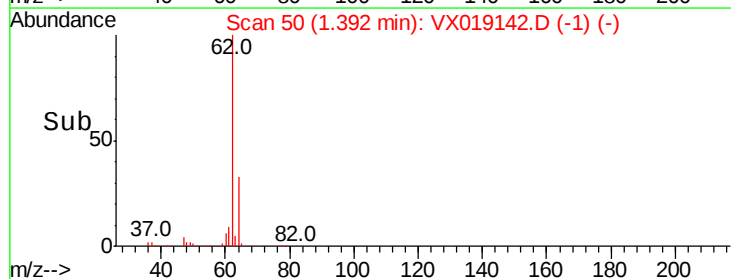
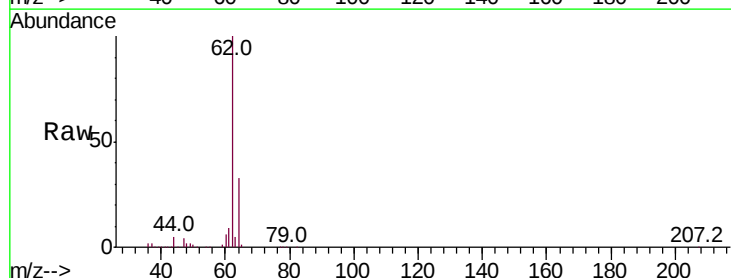
Acq: 27 Oct 2020 17:33

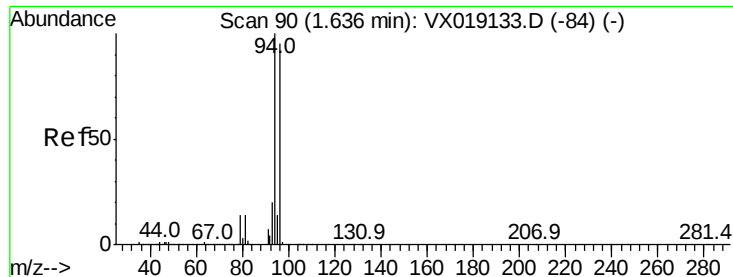
Tgt Ion: 62 Resp: 56153

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.0





#5

Bromomethane

Concen: 21.260 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

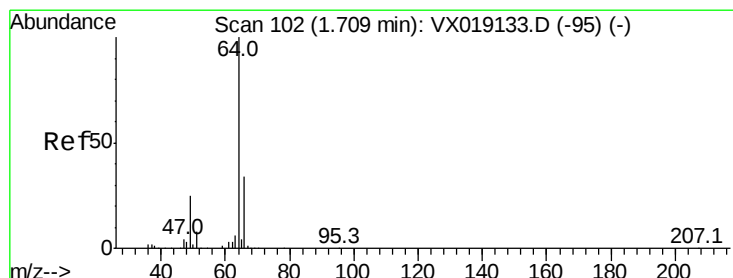
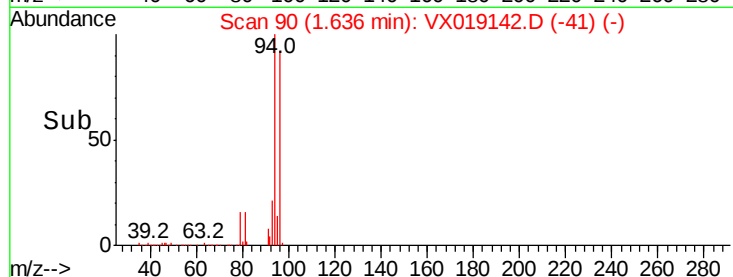
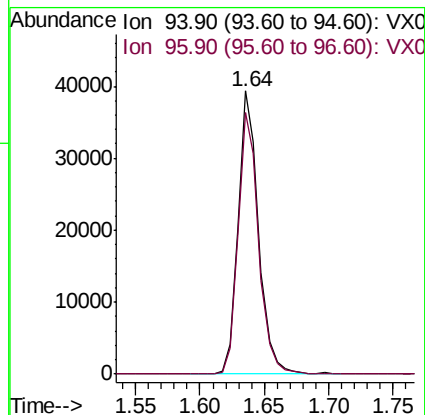
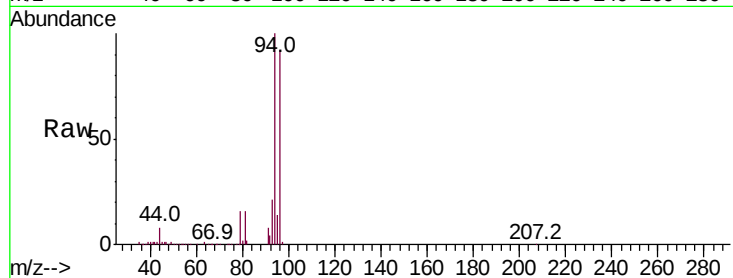
VX1027WBS01

Tot Ion: 94 Resp: 43422

Ion Ratio Lower Upper

94 100

96 92.4 76.0 114.0



#6

Chloroethane

Concen: 19.199 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019142.D

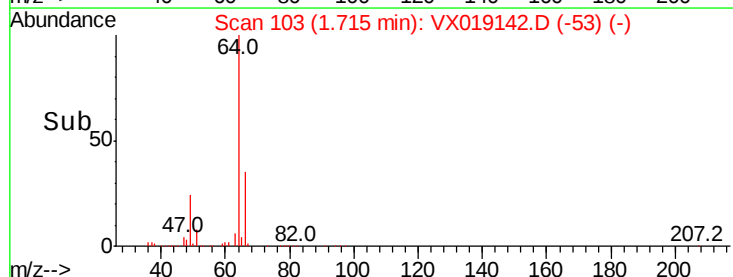
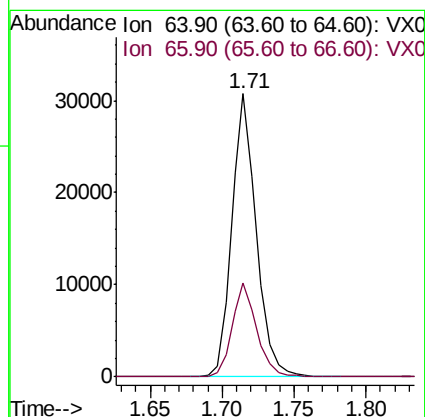
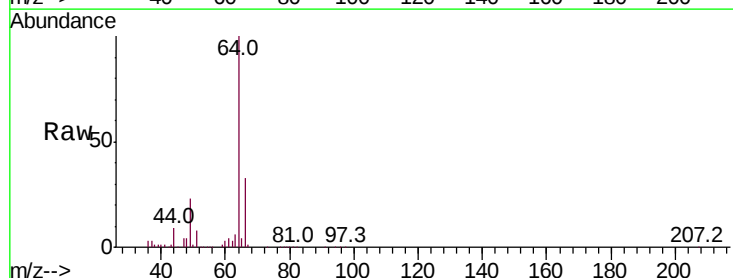
Acq: 27 Oct 2020 17:33

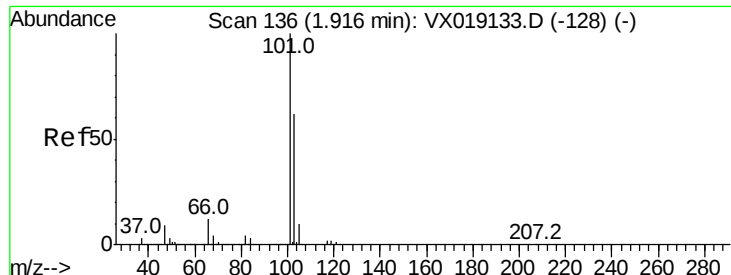
Tgt Ion: 64 Resp: 36661

Ion Ratio Lower Upper

64 100

66 33.2 27.1 40.7



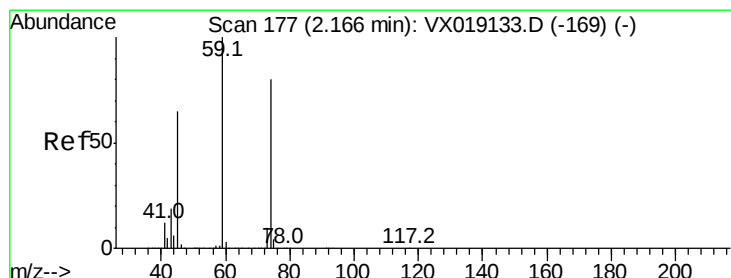
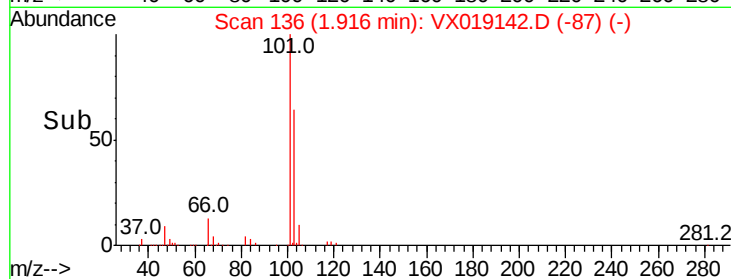
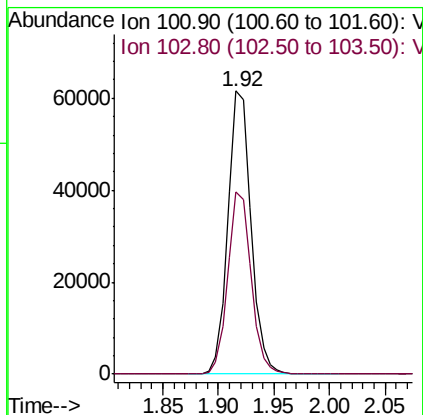
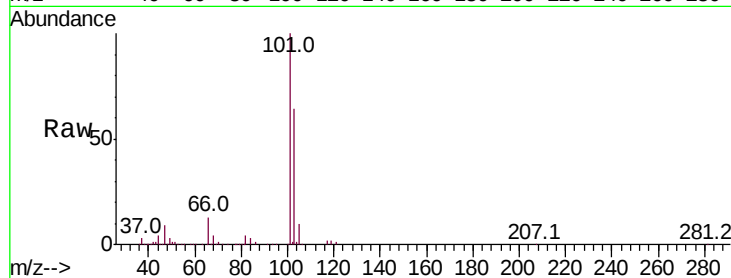


#7

Trichlorofluoromethane
 Concen: 18.866 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

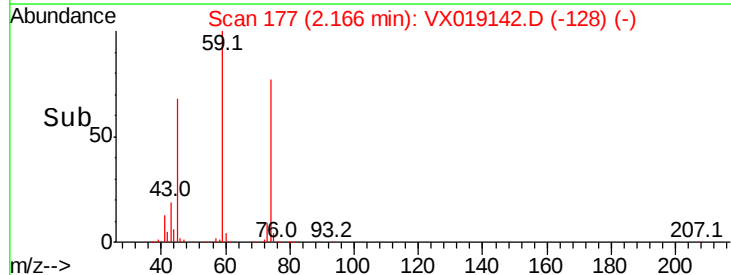
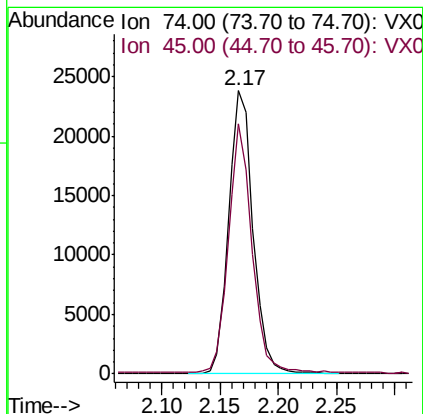
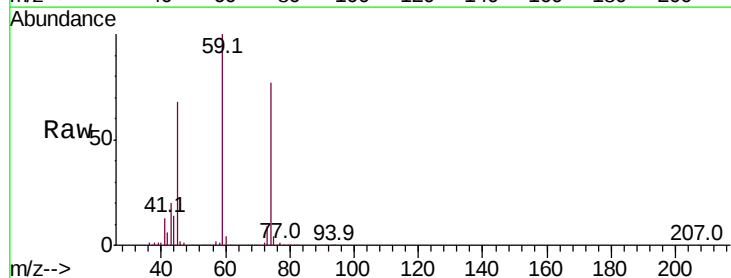
Tot Ion:101 Resp: 88643
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.0 75.0

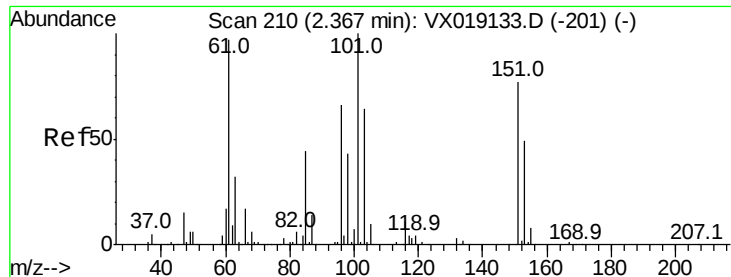


#8

Diethyl Ether
 Concen: 19.290 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Tgt Ion: 74 Resp: 34784
 Ion Ratio Lower Upper
 74 100
 45 84.2 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.796 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

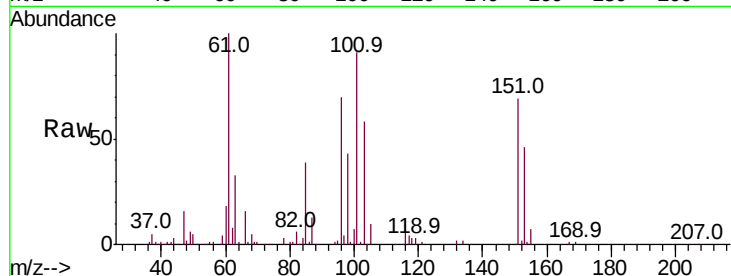
Tot Ion:101 Resp: 48951

Ion Ratio Lower Upper

101 100

85 43.3 35.0 52.4

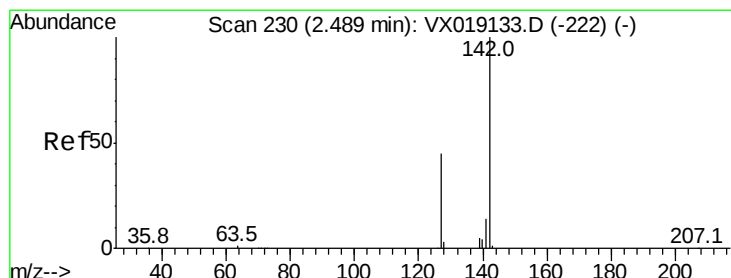
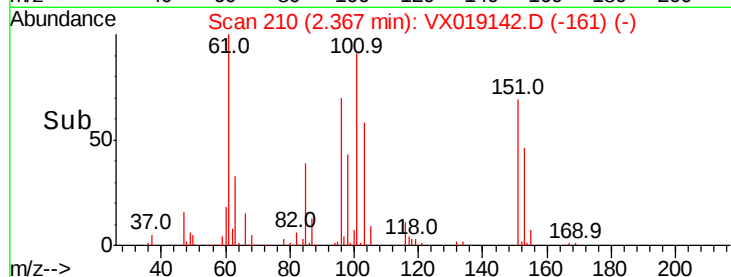
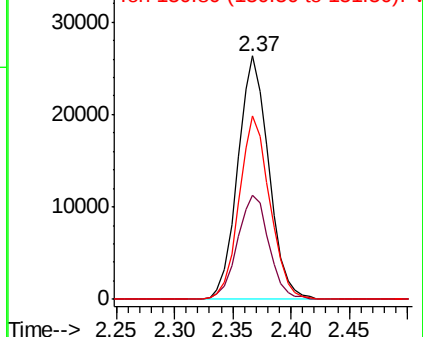
151 74.4 61.4 92.2



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: 18.522 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

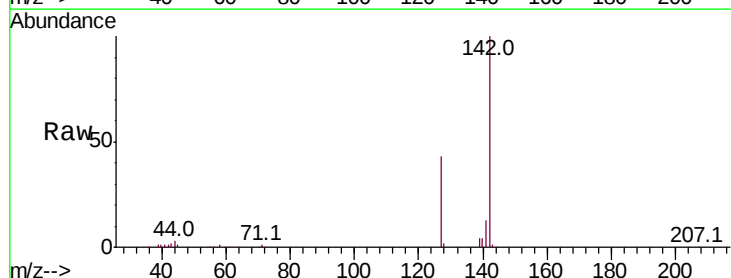
Tgt Ion:142 Resp: 42788

Ion Ratio Lower Upper

142 100

127 45.0 36.1 54.1

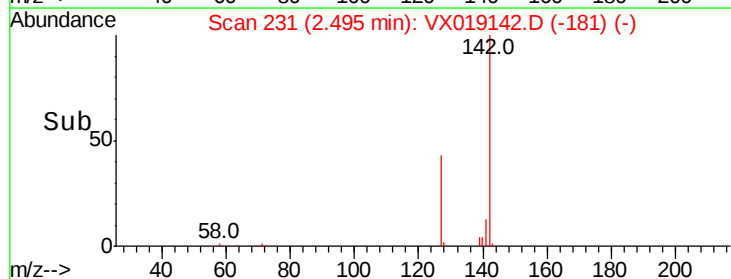
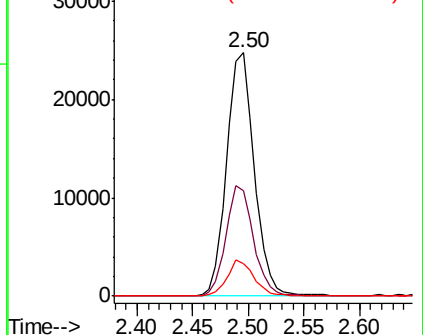
141 14.1 11.3 16.9

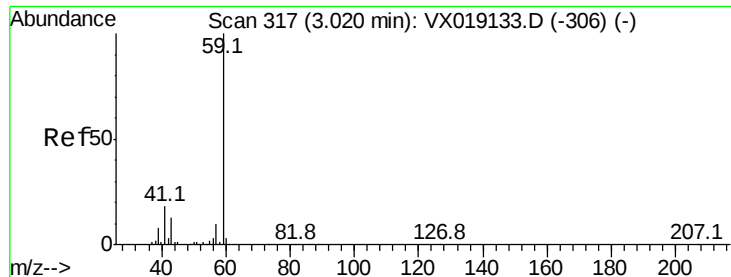


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



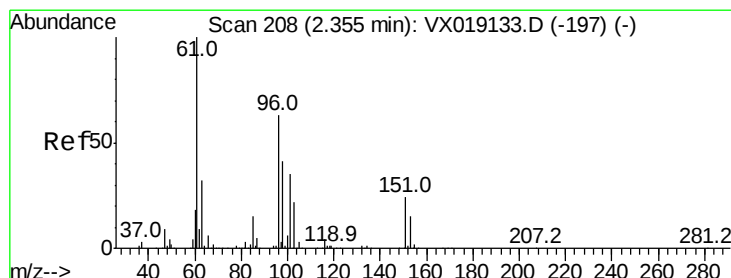
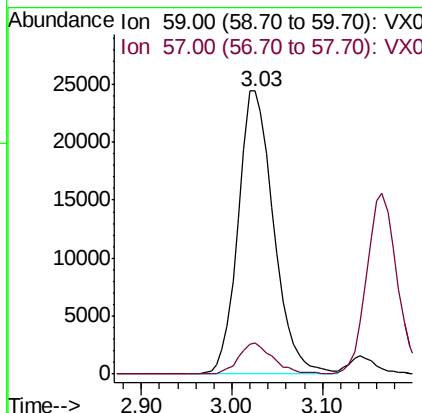
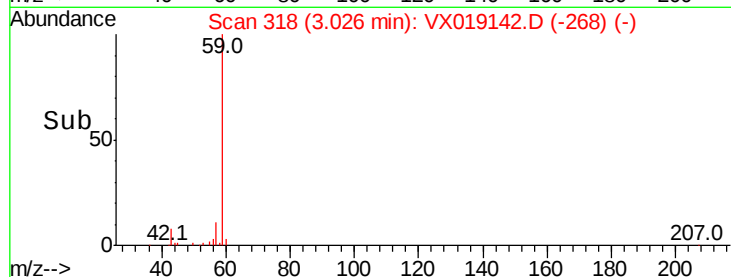
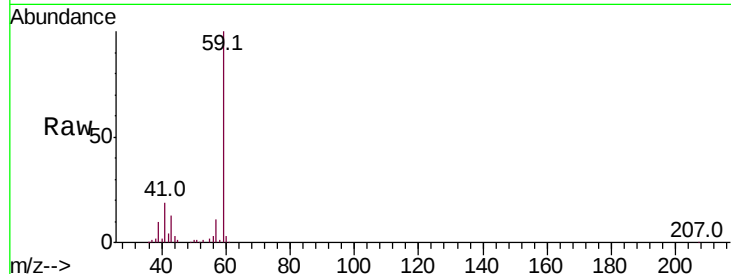


#11

Tert butyl alcohol
Concen: 94.233 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampled :
VX1027WBS01

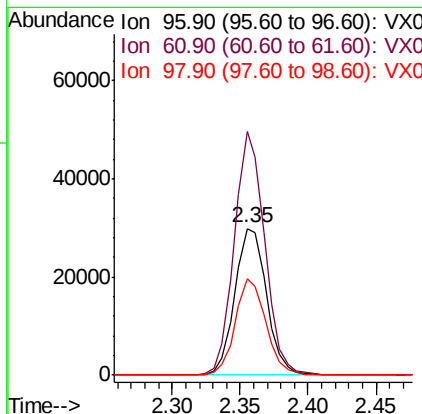
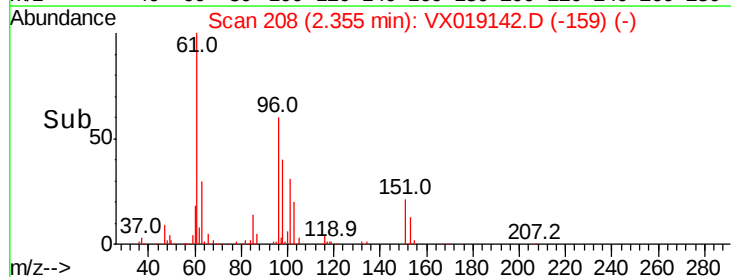
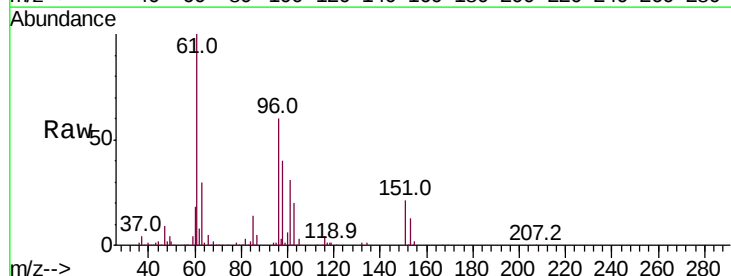
Tot Ion: 59 Resp: 66461
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6

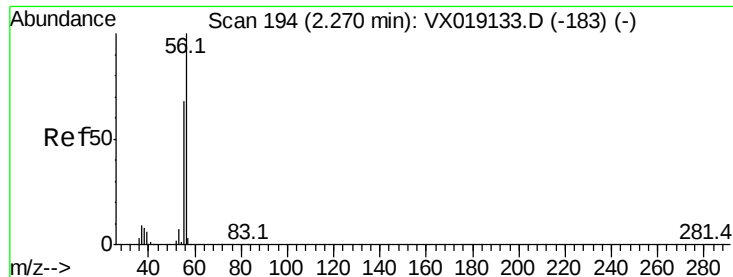


#12

1,1-Dichloroethene
Concen: 18.172 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion: 96 Resp: 48767
Ion Ratio Lower Upper
96 100
61 166.1 127.7 191.5
98 65.9 52.1 78.1





#13

Acrolein

Concen: 81.359 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

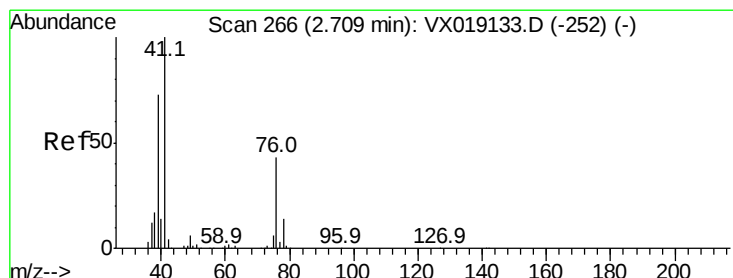
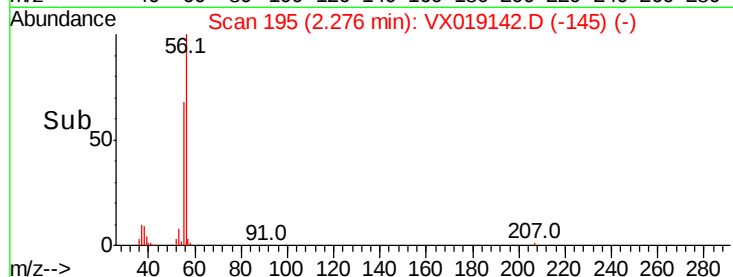
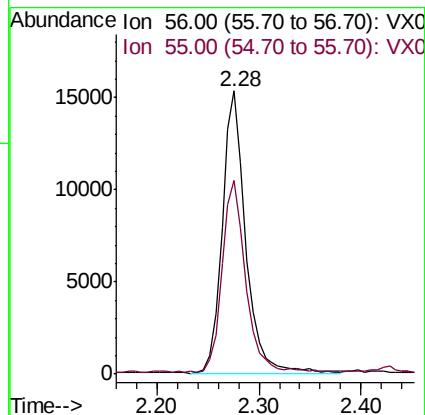
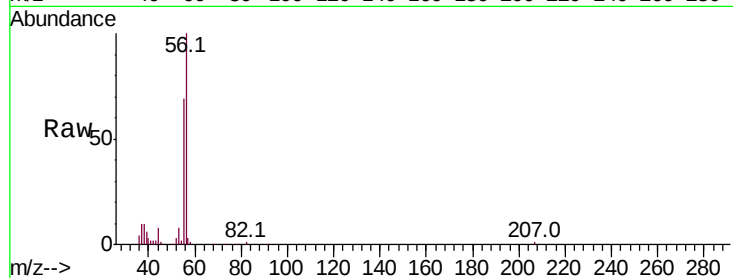
VX1027WBS01

Tot Ion: 56 Resp: 24426

Ion Ratio Lower Upper

56 100

55 69.3 54.7 82.1



#14

Allyl chloride

Concen: 18.517 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

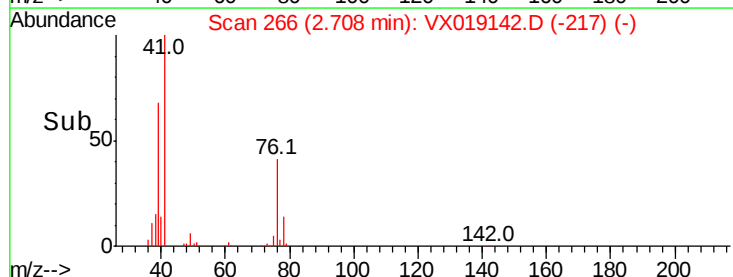
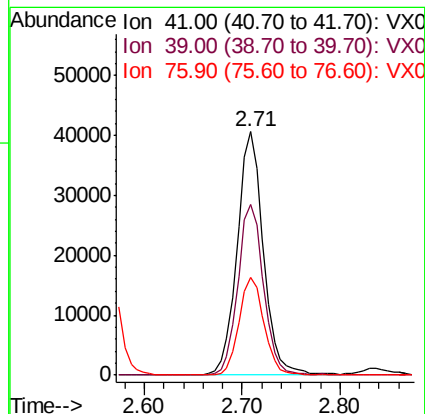
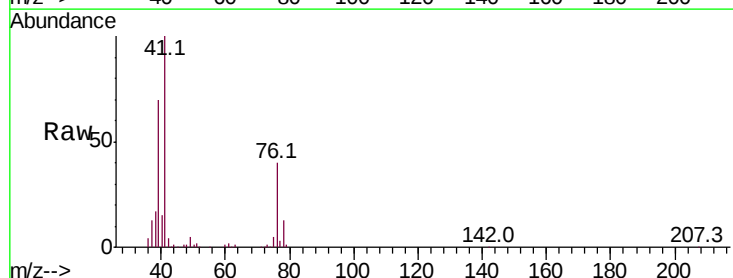
Tgt Ion: 41 Resp: 75269

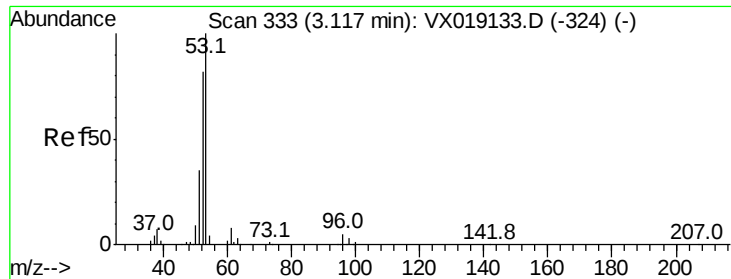
Ion Ratio Lower Upper

41 100

39 69.1 55.2 82.8

76 38.4 31.5 47.3





#15

Acrylonitrile

Concen: 96.901 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

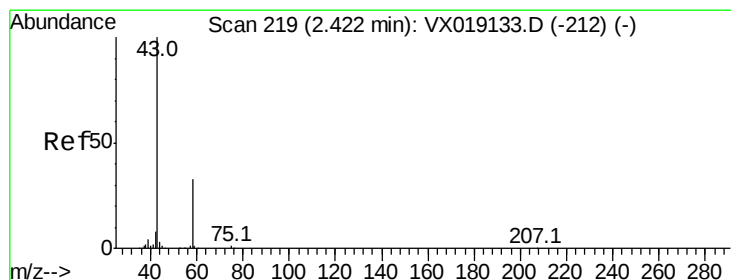
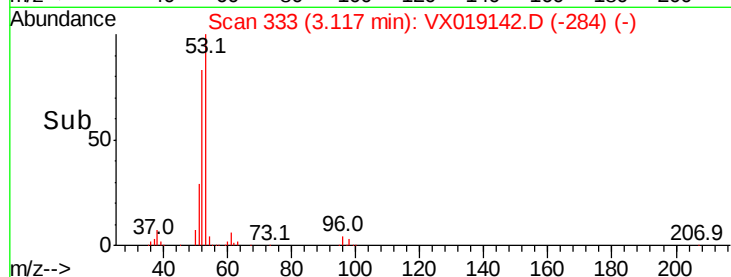
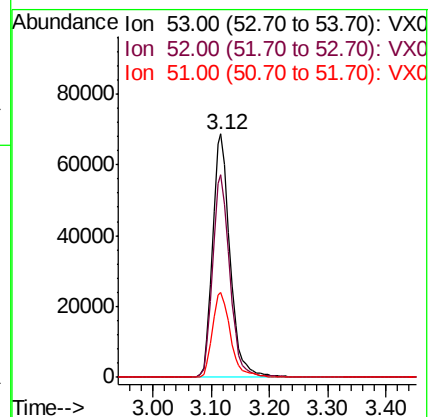
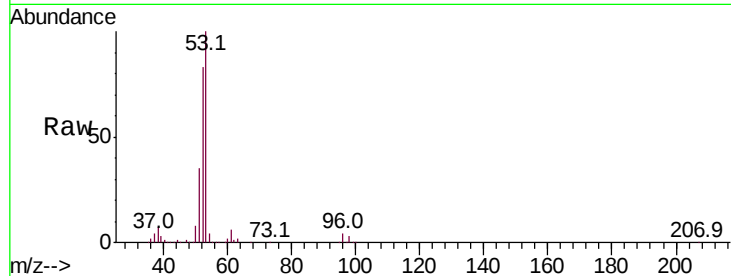
Tot Ion: 53 Resp: 143612

Ion Ratio Lower Upper

53 100

52 81.7 65.7 98.5

51 35.6 28.4 42.6



#16

Acetone

Concen: 94.765 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019142.D

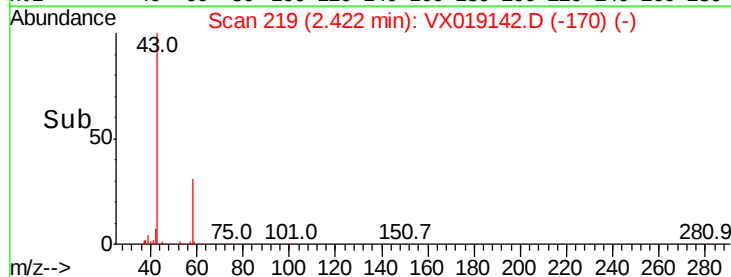
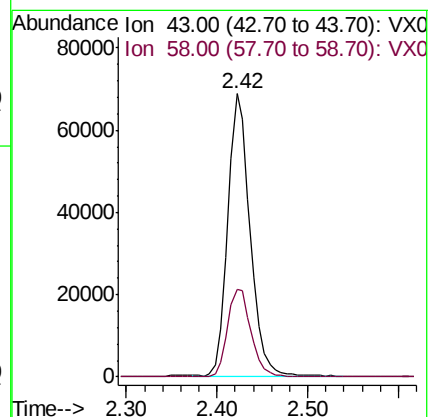
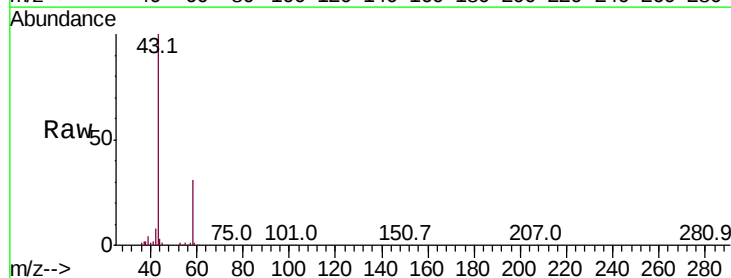
Acq: 27 Oct 2020 17:33

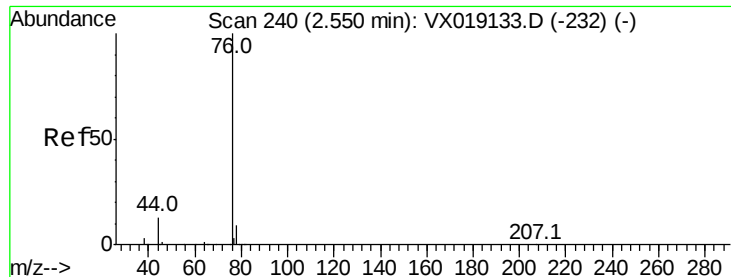
Tgt Ion: 43 Resp: 116738

Ion Ratio Lower Upper

43 100

58 31.1 26.3 39.5





#17

Carbon Disulfide

Concen: 18.226 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

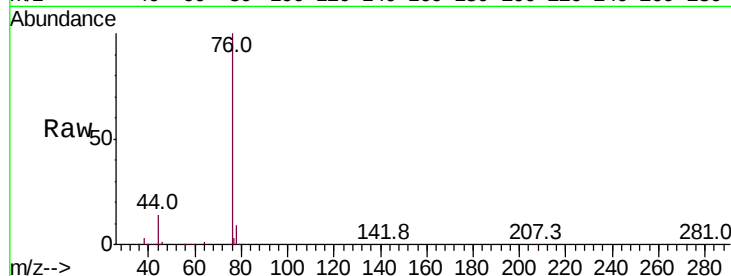
VX1027WBS01

Tot Ion: 76 Resp: 135675

Ion Ratio Lower Upper

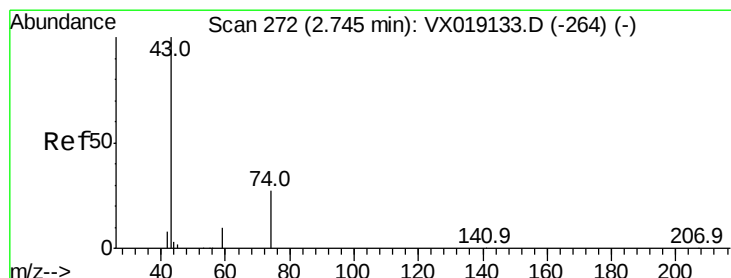
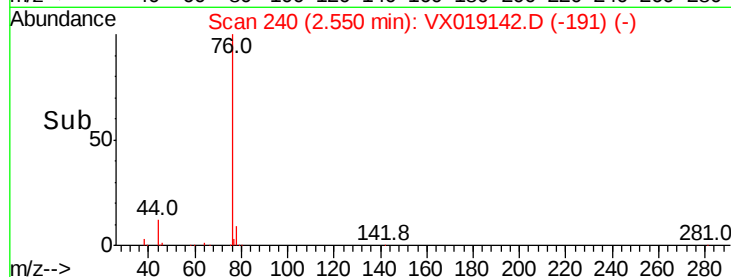
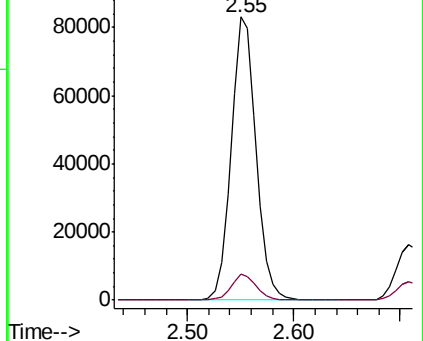
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.934 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX019142.D

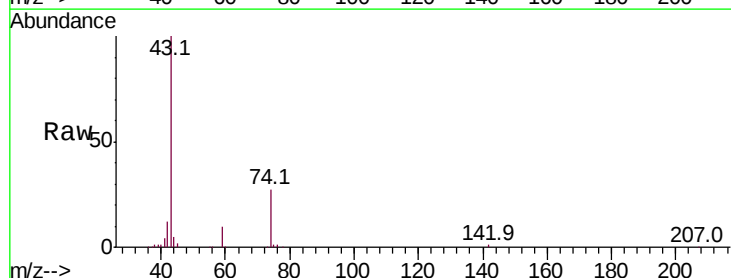
Acq: 27 Oct 2020 17:33

Tgt Ion: 43 Resp: 56719

Ion Ratio Lower Upper

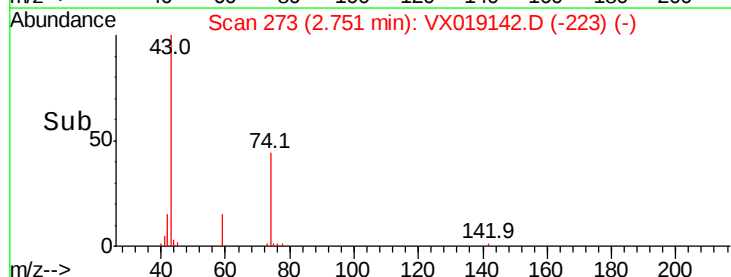
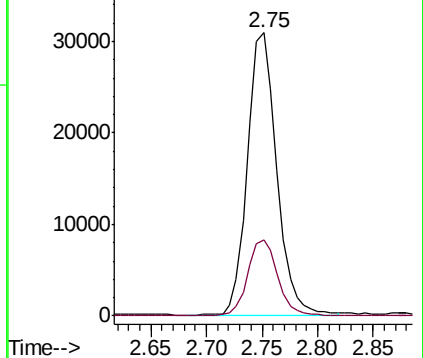
43 100

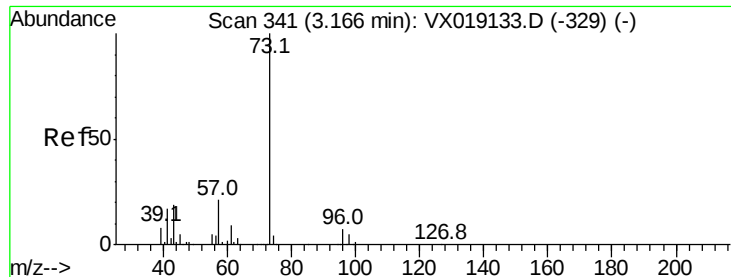
74 27.9 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



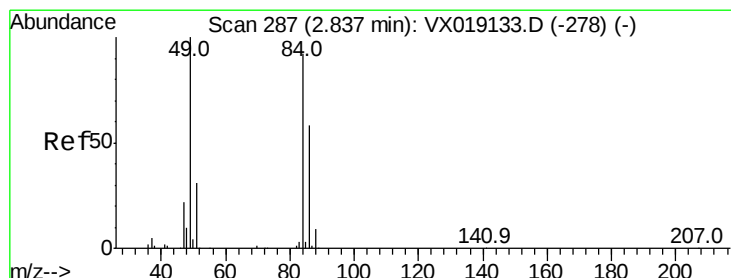
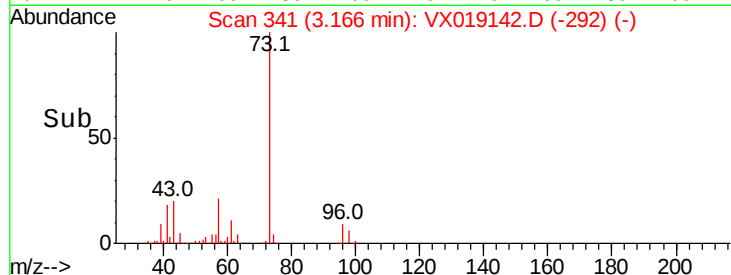
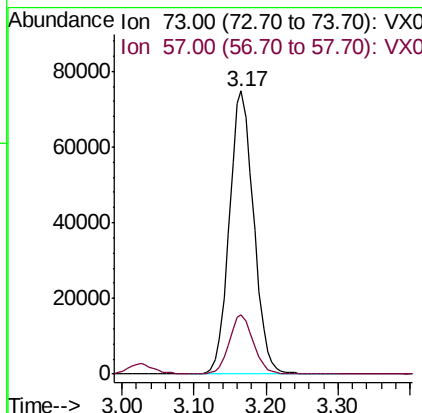
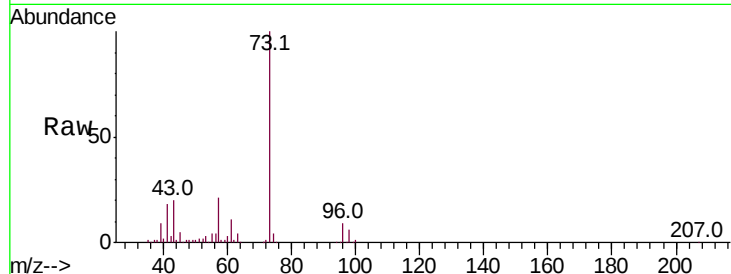


#19

Methyl tert-butyl Ether
 Concen: 18.896 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

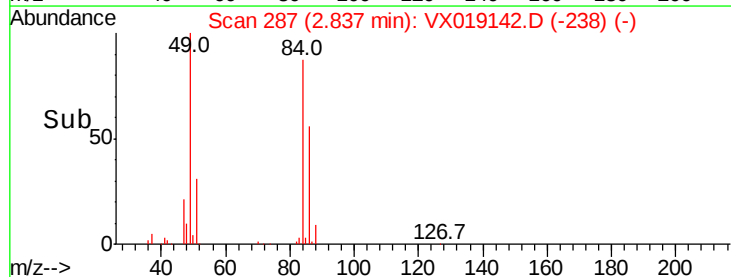
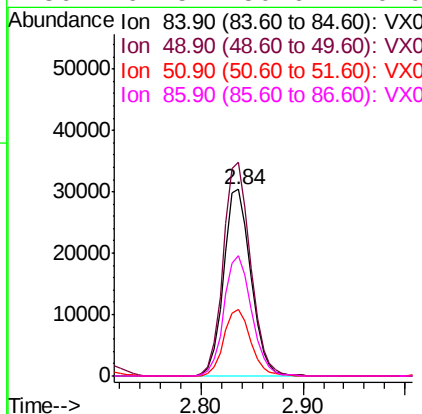
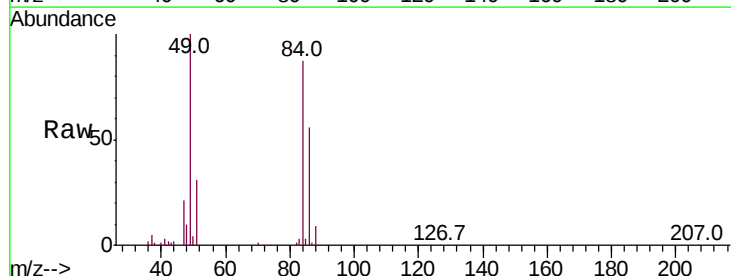
Tot Ion: 73 Resp: 175700
 Ion Ratio Lower Upper
 73 100
 57 20.7 16.6 25.0

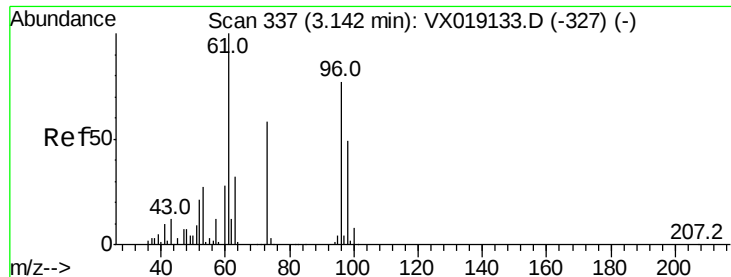


#20

Methylene Chloride
 Concen: 18.210 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Tgt Ion: 84 Resp: 56317
 Ion Ratio Lower Upper
 84 100
 49 114.5 86.8 130.2
 51 35.5 27.3 40.9
 86 64.5 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 17.952 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampled :

VX1027WBS01

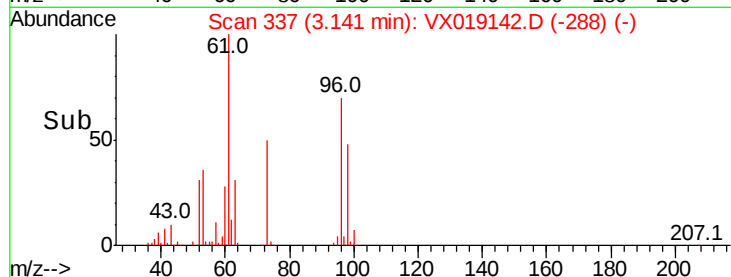
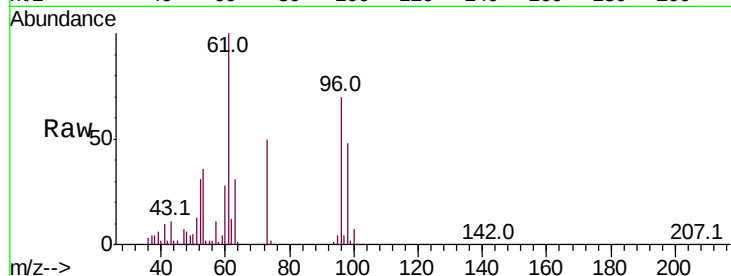
Tot Ion: 96 Resp: 55446

Ion Ratio Lower Upper

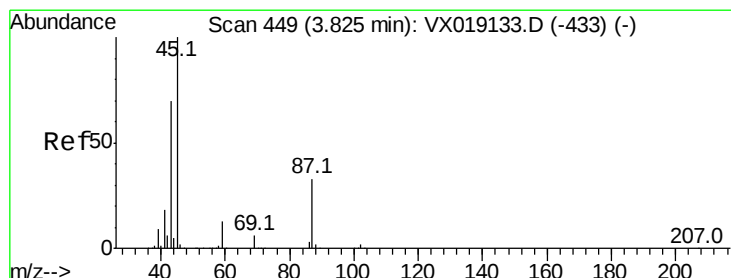
96 100

61 142.0 104.2 156.4

98 68.0 51.3 76.9



Time-->



#22

Diisopropyl ether

Concen: 19.408 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Tgt Ion: 45 Resp: 157277

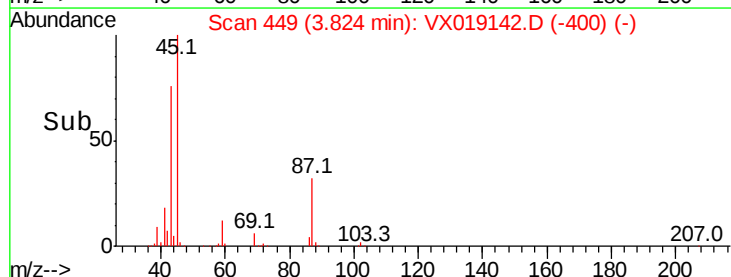
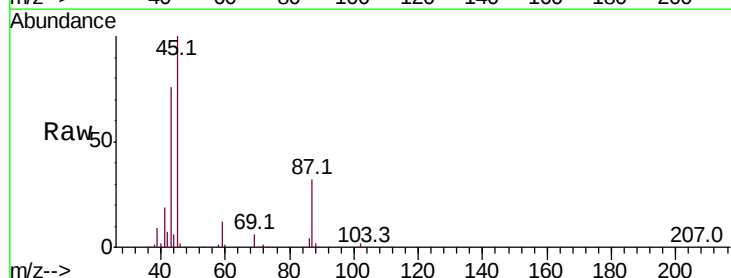
Ion Ratio Lower Upper

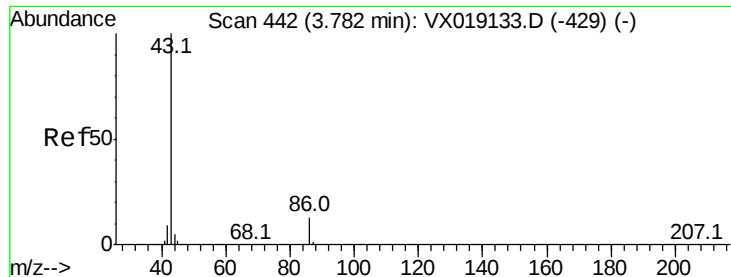
45 100

43 75.5 56.2 84.4

87 32.2 26.2 39.2

59 12.0 10.1 15.1





#23

Vinyl Acetate

Concen: 96.289 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

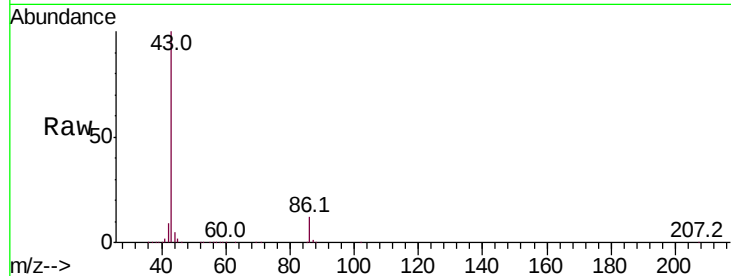
VX1027WBS01

Tot Ion: 43 Resp: 695828

Ion Ratio Lower Upper

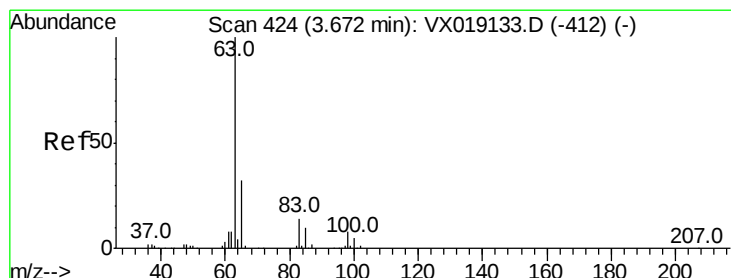
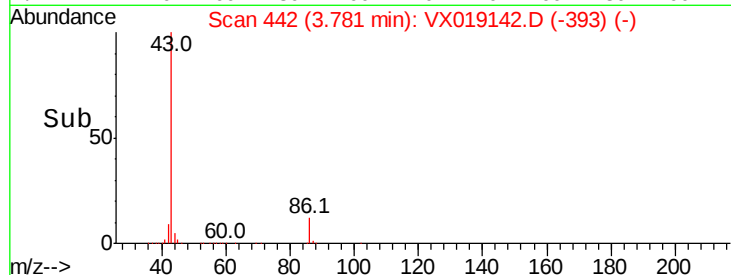
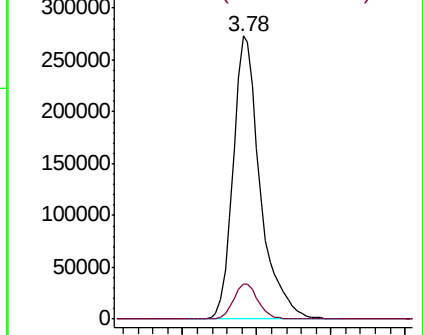
43 100

86 12.3 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.853 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

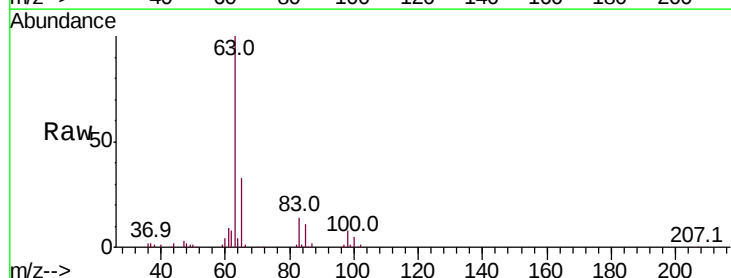
Tgt Ion: 63 Resp: 95391

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.4

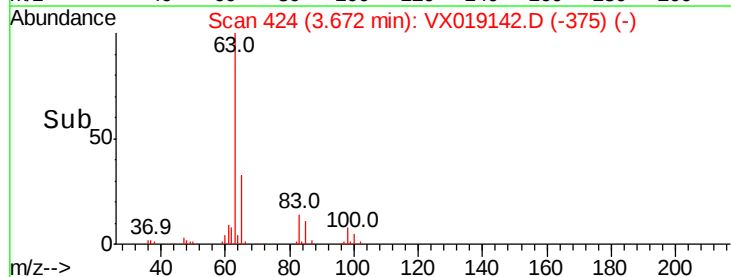
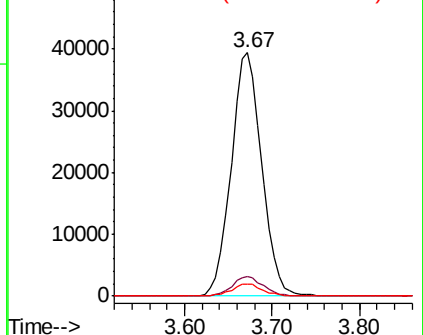
100 5.1 2.4 7.2

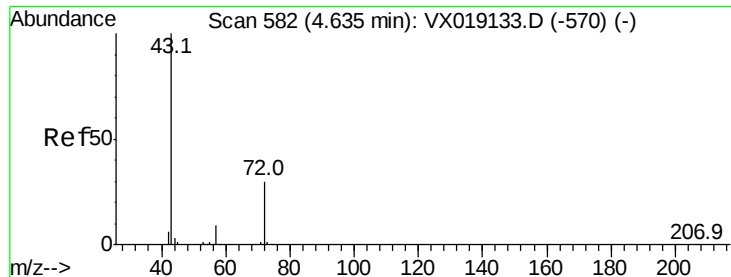


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.922 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

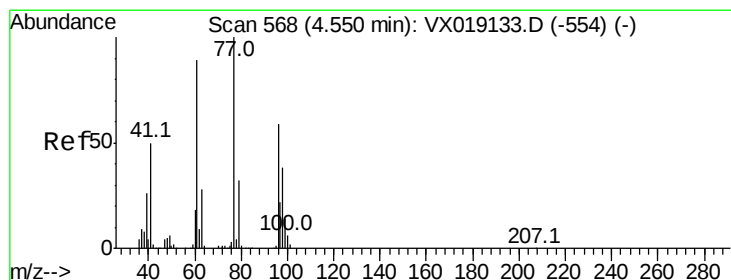
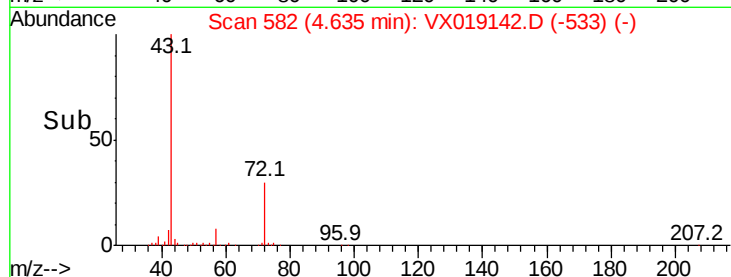
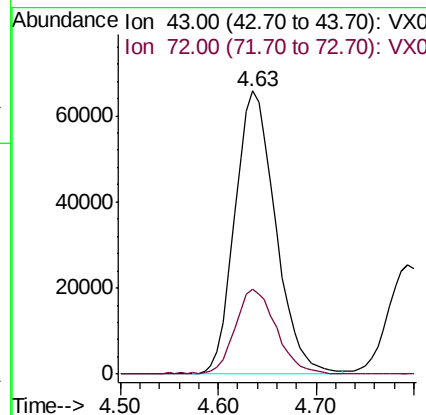
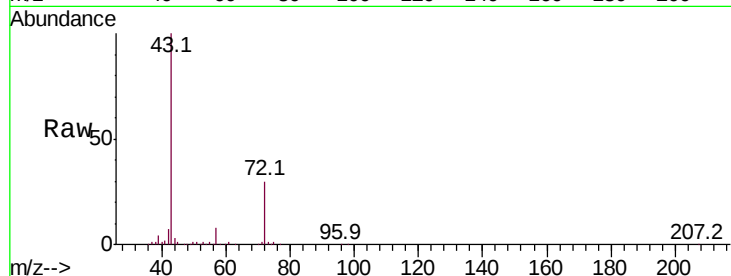
VX1027WBS01

Tot Ion: 43 Resp: 188167

Ion Ratio Lower Upper

43 100

72 29.8 24.6 36.8



#26

2,2-Dichloropropane

Concen: 18.073 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019142.D

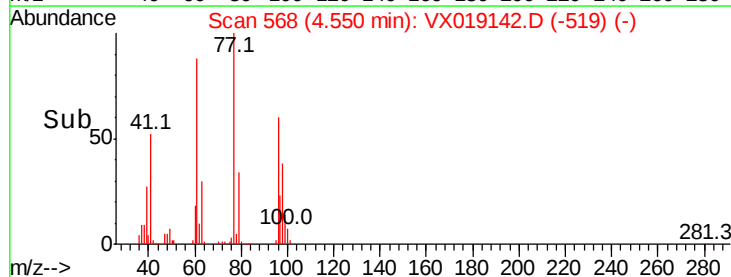
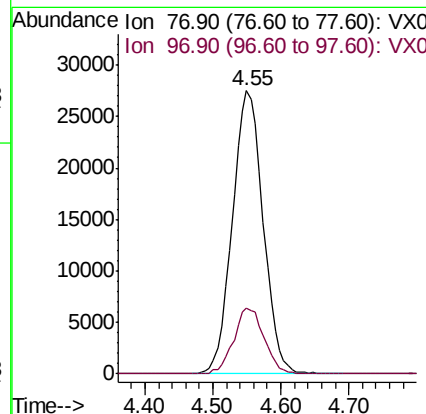
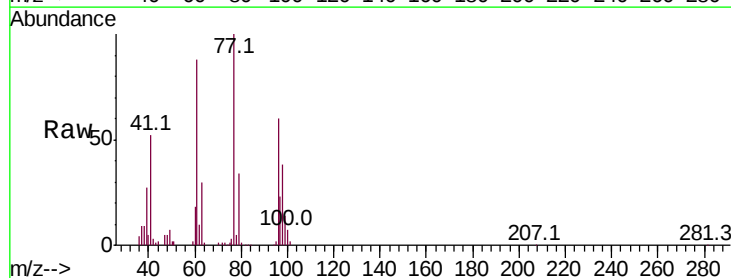
Acq: 27 Oct 2020 17:33

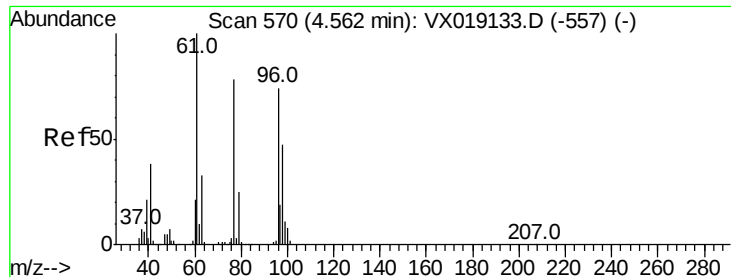
Tgt Ion: 77 Resp: 85966

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.284 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

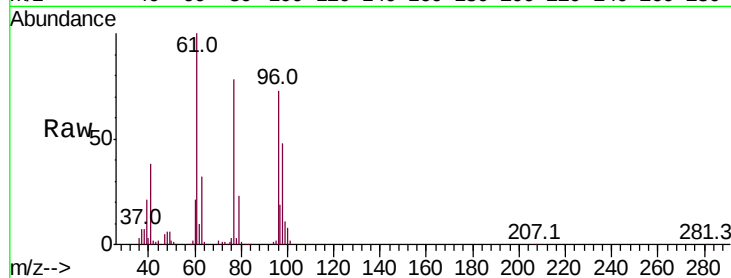
Tot Ion: 96 Resp: 63104

Ion Ratio Lower Upper

96 100

61 142.5 0.0 278.8

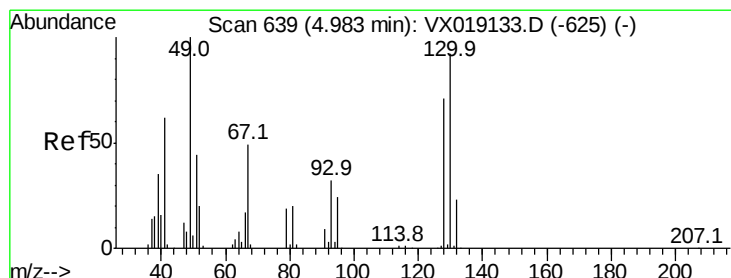
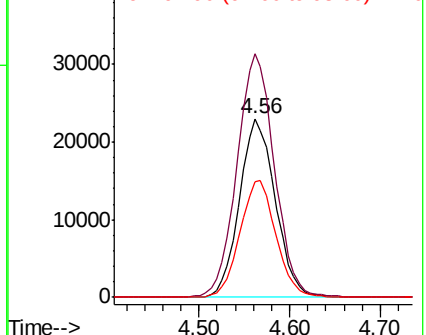
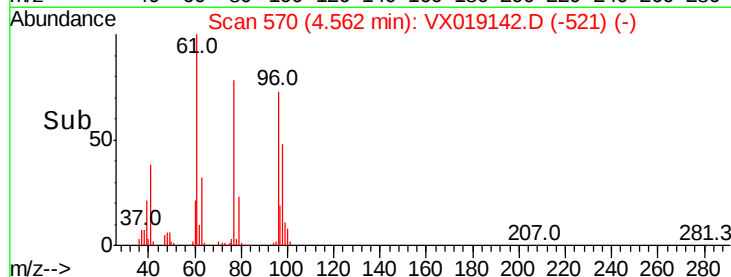
98 65.7 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 18.379 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

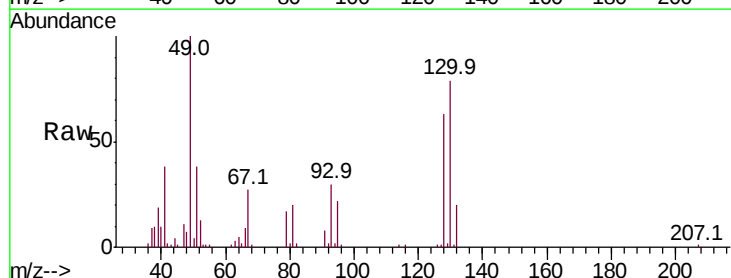
Tgt Ion: 49 Resp: 42274

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

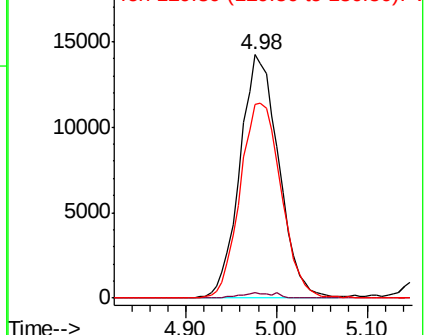
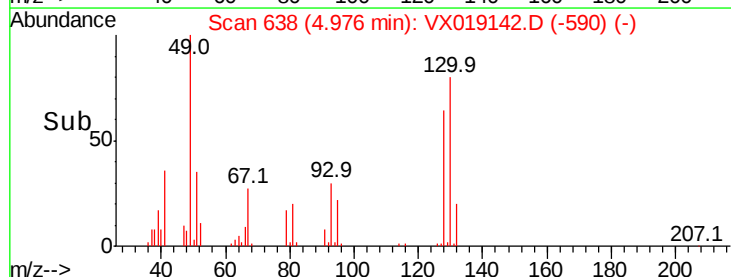
130 84.6 71.3 106.9

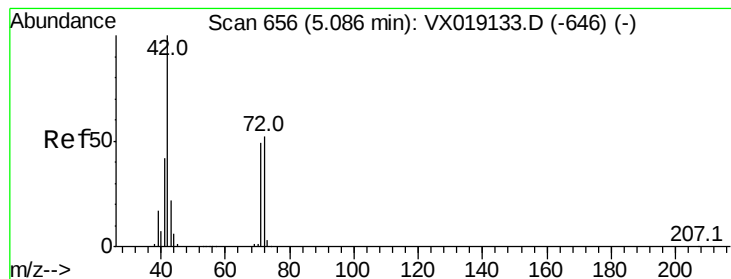


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 98.653 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampled :

VX1027WBS01

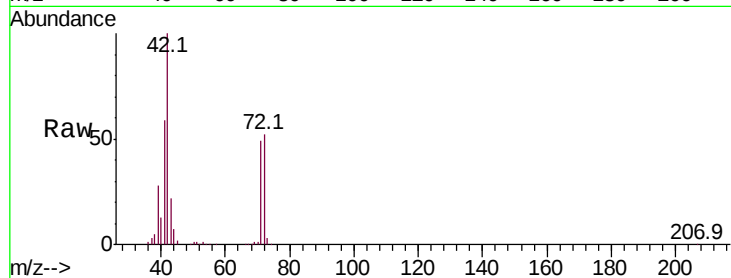
Tot Ion: 42 Resp: 120699

Ion Ratio Lower Upper

42 100

72 53.2 42.6 63.8

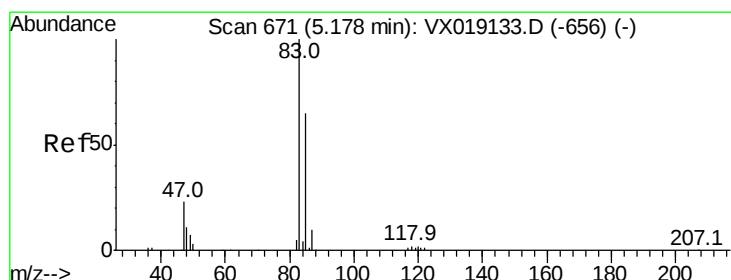
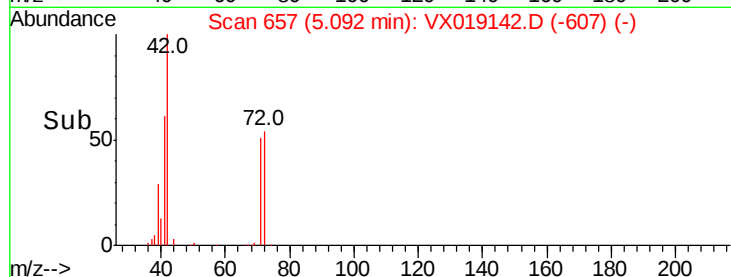
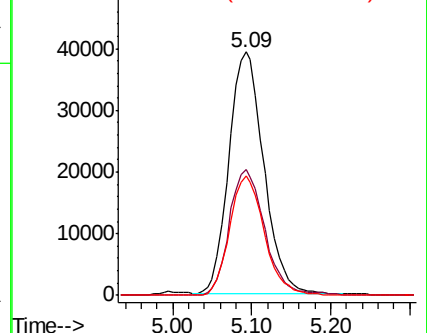
71 49.1 39.7 59.5



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.964 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX019142.D

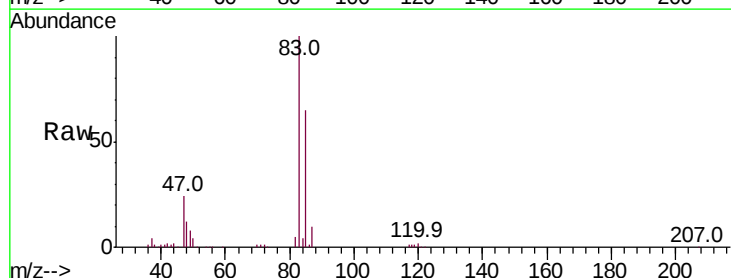
Acq: 27 Oct 2020 17:33

Tgt Ion: 83 Resp: 102131

Ion Ratio Lower Upper

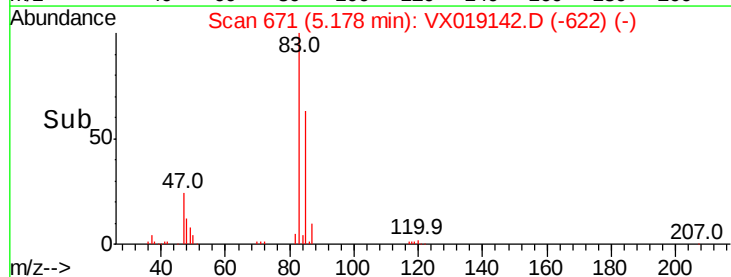
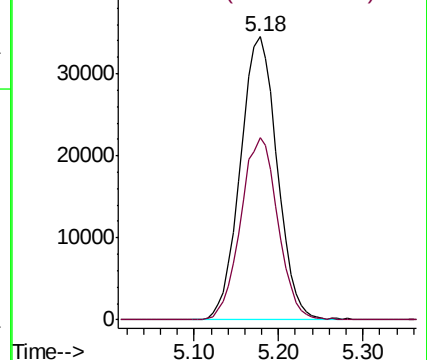
83 100

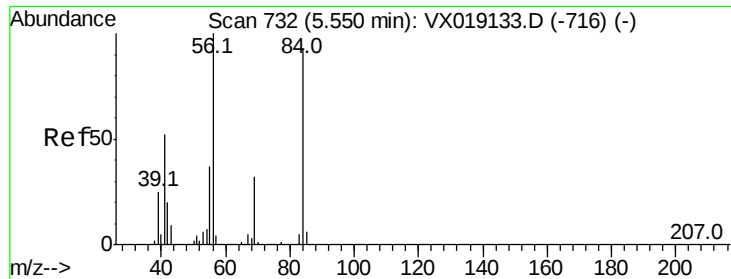
85 64.6 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

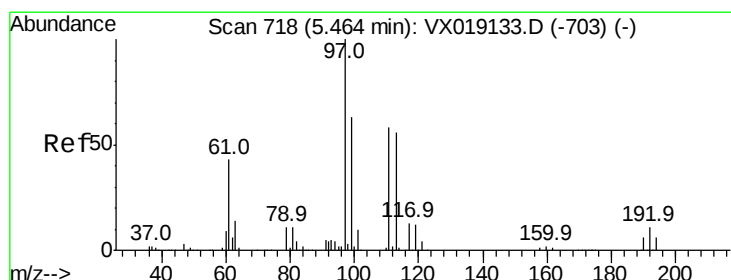
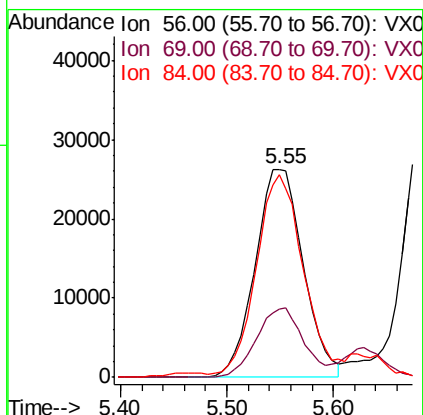
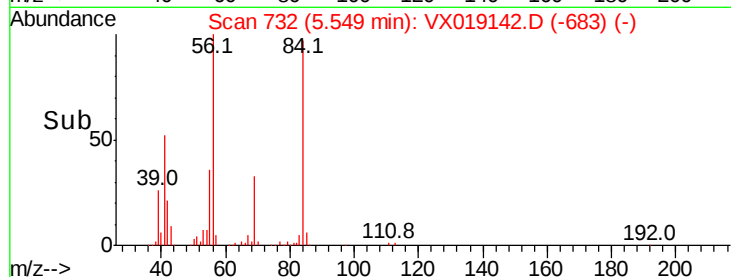
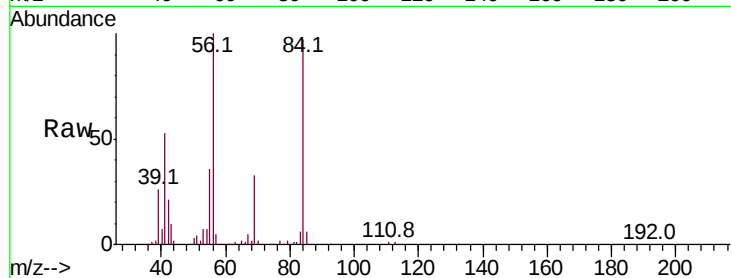




#31
Cvclohexane
Concen: 18.365 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

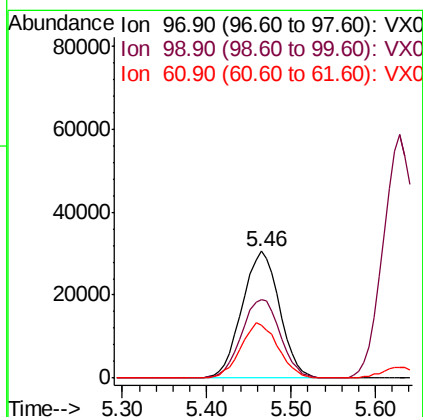
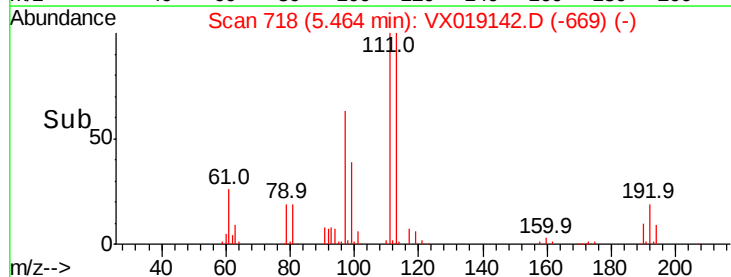
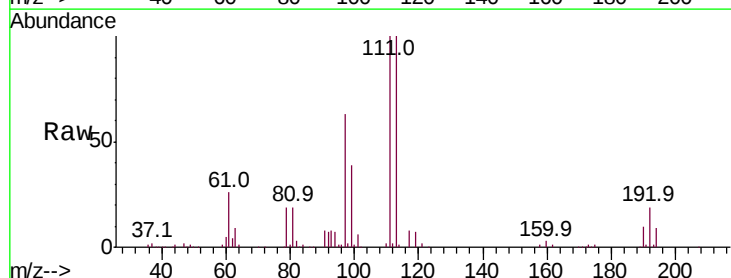
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

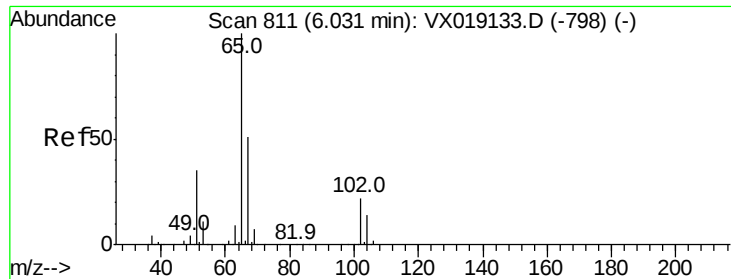
Tot Ion: 56 Resp: 82896
Ion Ratio Lower Upper
56 100
69 32.6 25.9 38.9
84 95.5 73.4 110.2



#32
1,1,1-Trichloroethane
Concen: 18.920 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion: 97 Resp: 92379
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 43.3 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 48.045 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

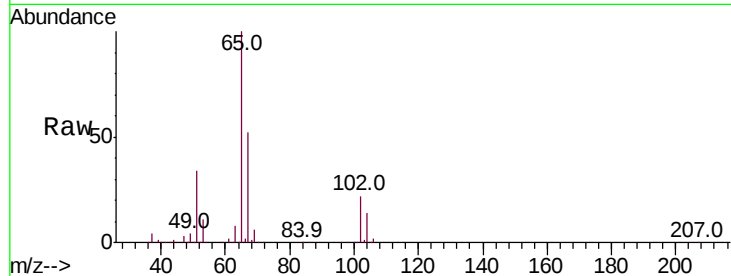
VX1027WBS01

Tot Ion: 65 Resp: 171560

Ion Ratio Lower Upper

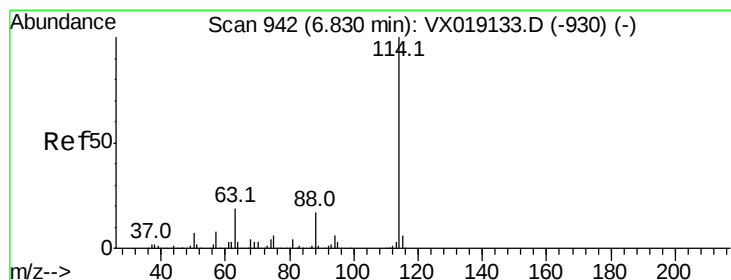
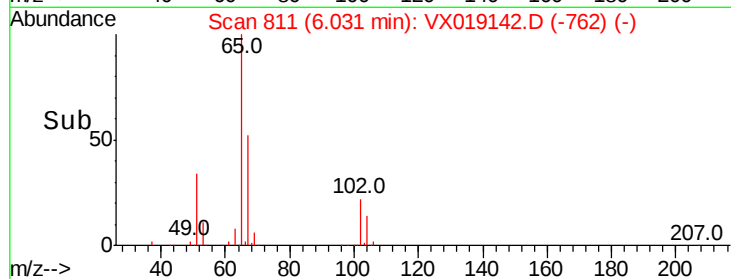
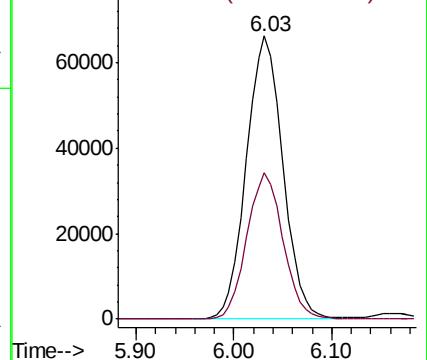
65 100

67 51.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

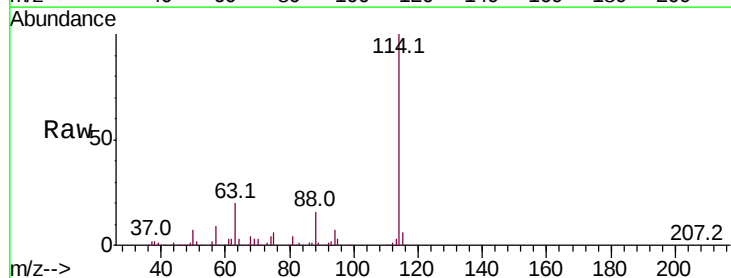
Tgt Ion: 114 Resp: 457537

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.8

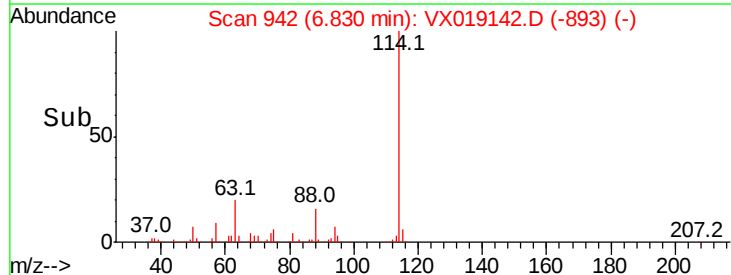
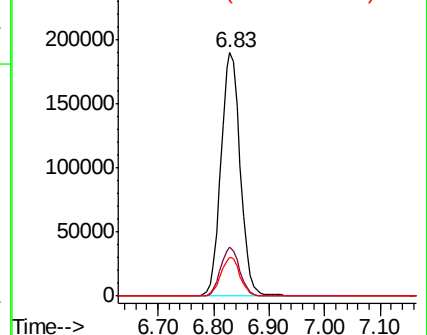
88 15.7 0.0 34.2

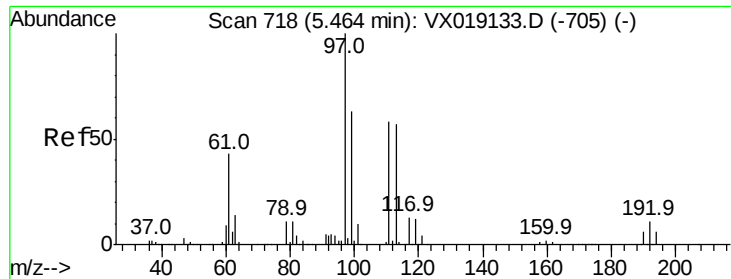


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

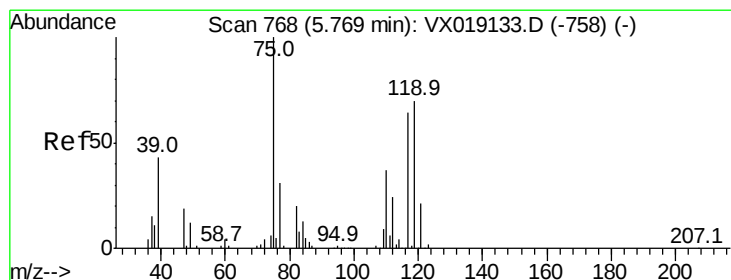
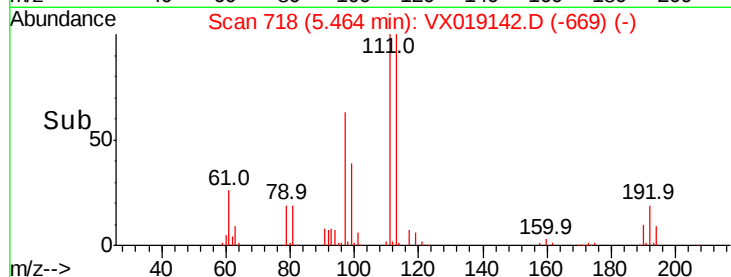
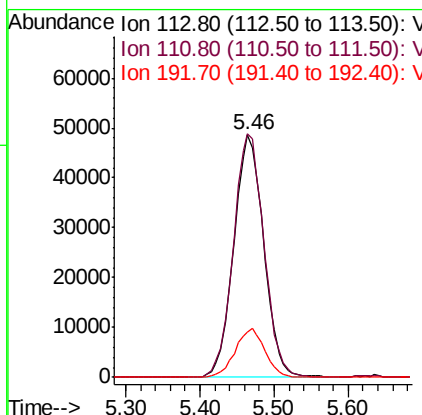
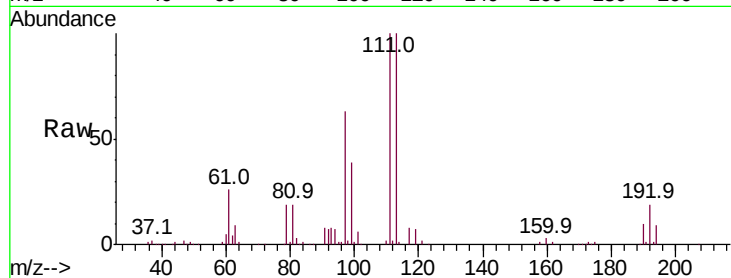




#35
 Dibromofluoromethane
 Concen: 47.791 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

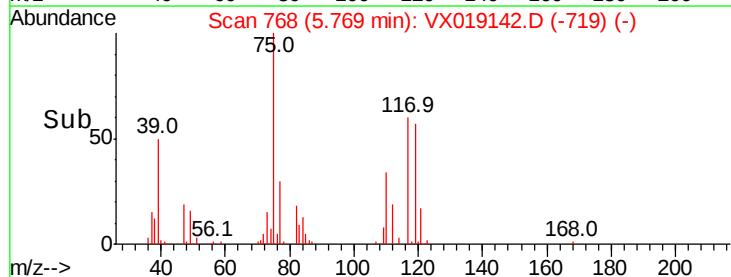
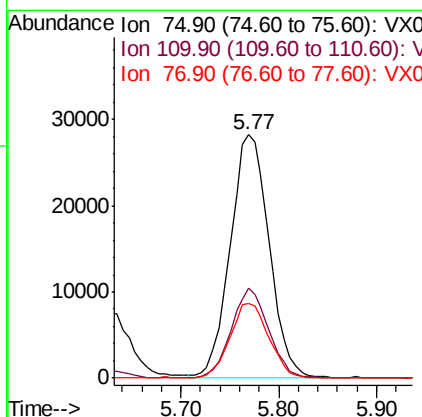
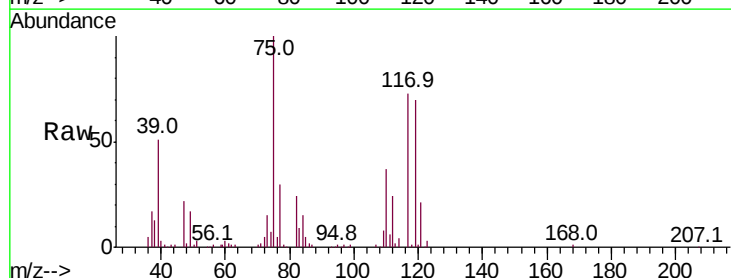
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

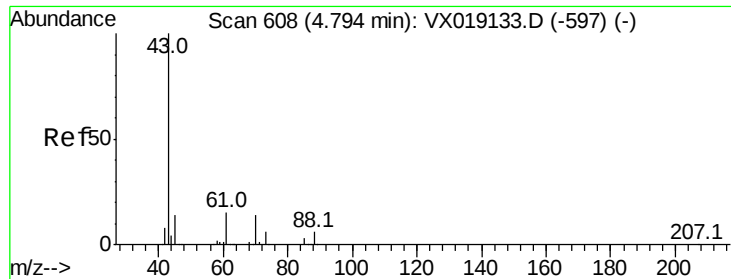
Tot Ion:113 Resp: 137349
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.3 123.5
 192 20.0 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 18.261 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Tgt Ion: 75 Resp: 77154
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.3 54.9
 77 30.5 24.9 37.3

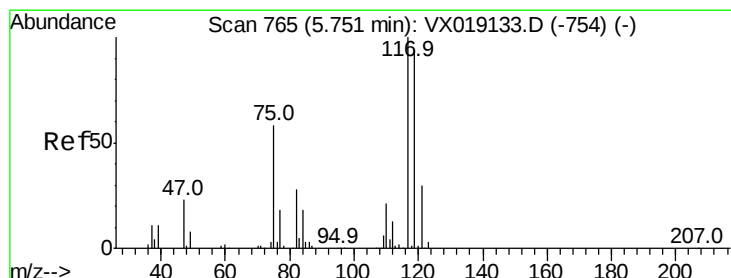
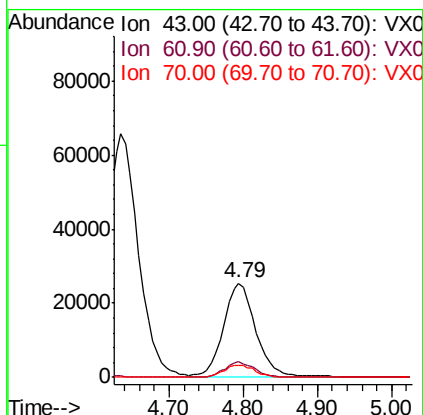
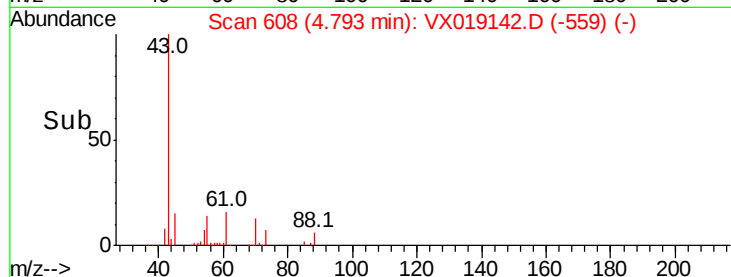
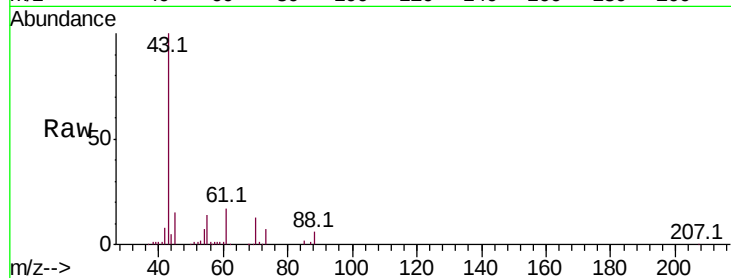




#37
Ethyl Acetate
Concen: 19.329 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

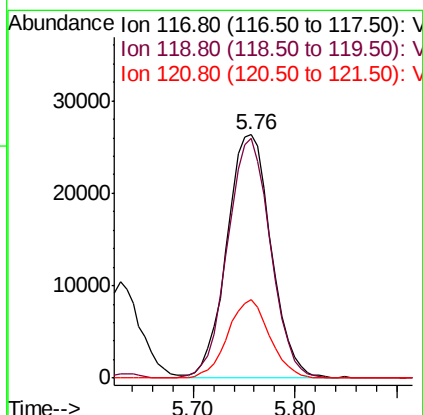
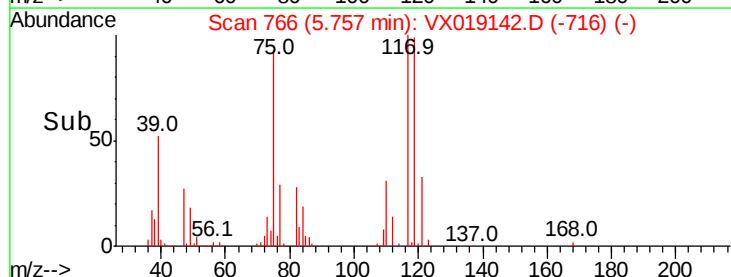
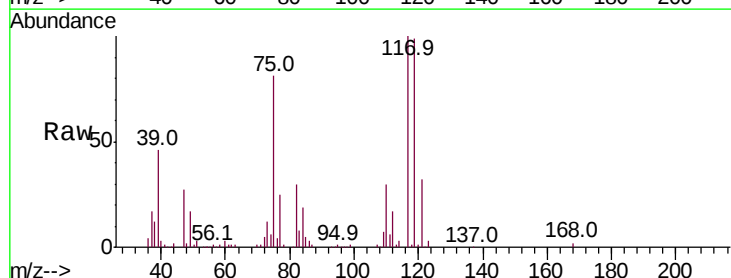
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

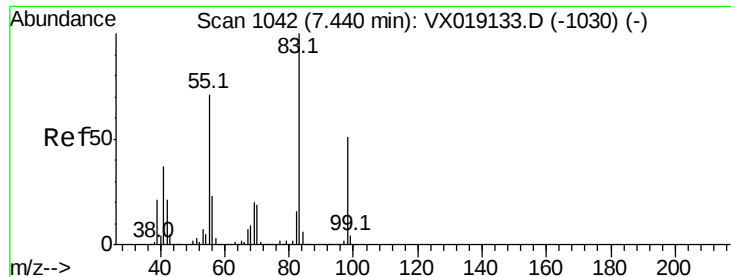
Tot Ion: 43 Resp: 75825
Ion Ratio Lower Upper
43 100
61 15.6 12.5 18.7
70 12.9 10.5 15.7



#38
Carbon Tetrachloride
Concen: 18.295 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion: 117 Resp: 78787
Ion Ratio Lower Upper
117 100
119 98.5 75.0 112.6
121 32.5 23.9 35.9

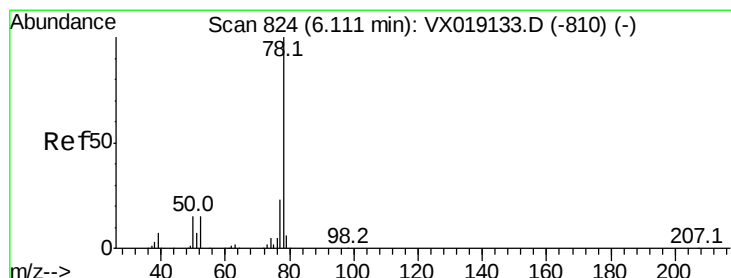
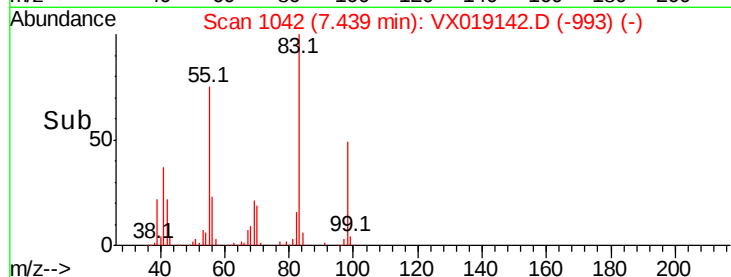
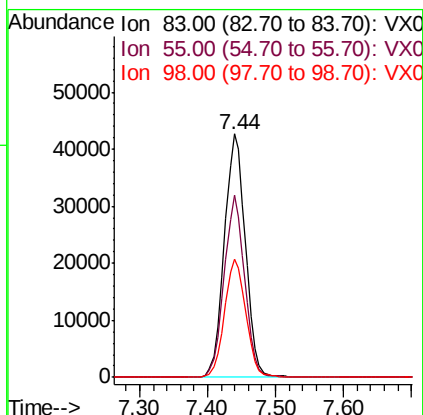
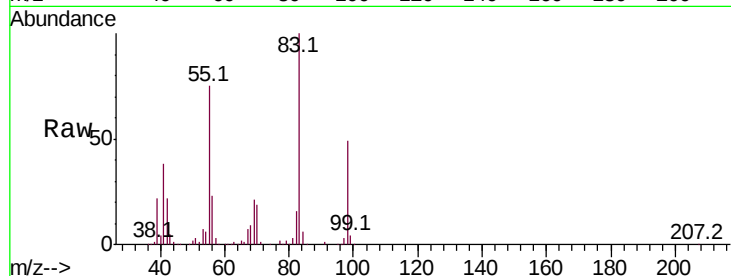




#39
Methvlcvclohexane
Concen: 18.187 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

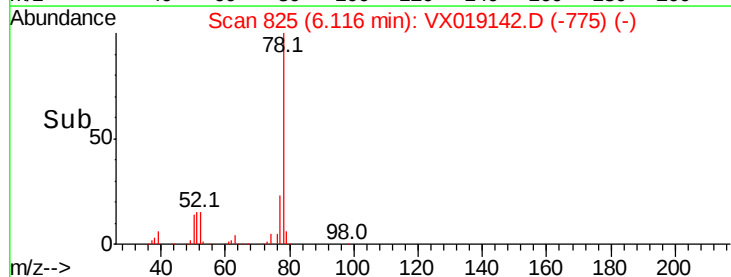
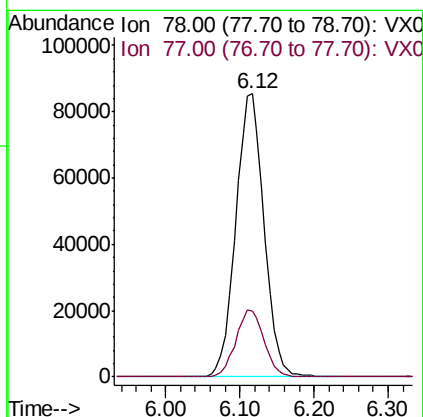
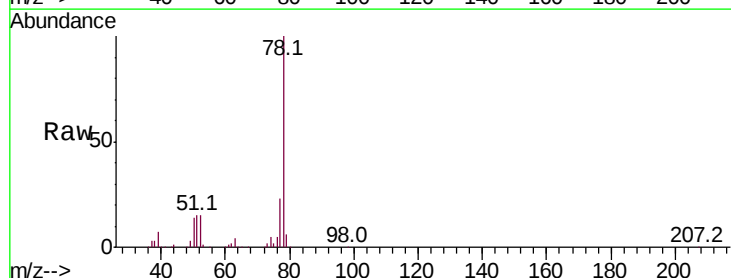
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

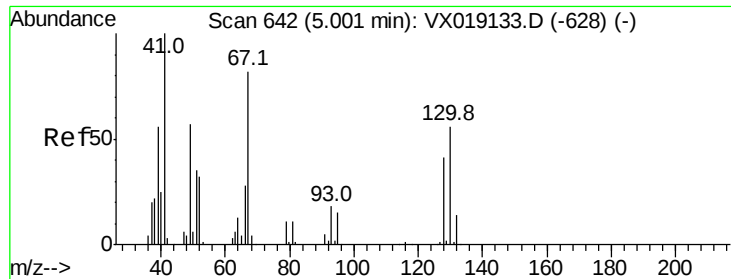
Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	57.0	85.6
98	48.6	40.5	60.7



#40
Benzene
Concen: 18.947 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





#41

Methacrylonitrile

Concen: 18.599 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tot Ion: 41 Resp: 39292

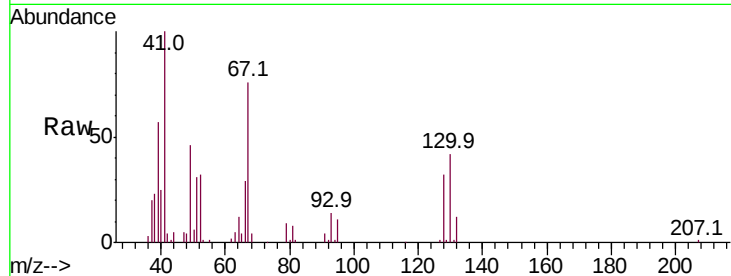
Ion Ratio Lower Upper

41 100

39 55.8 44.4 66.6

67 83.4 66.4 99.6

52 34.5 26.2 39.4

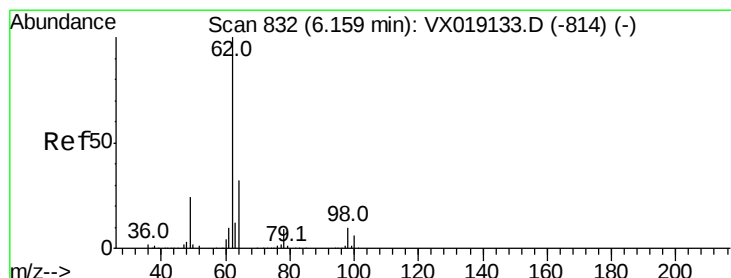
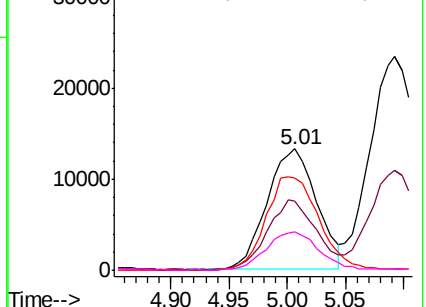
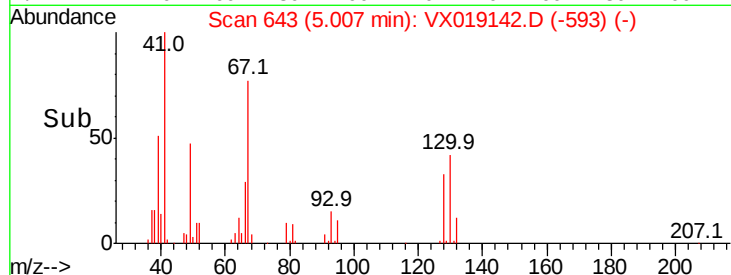


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.864 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019142.D

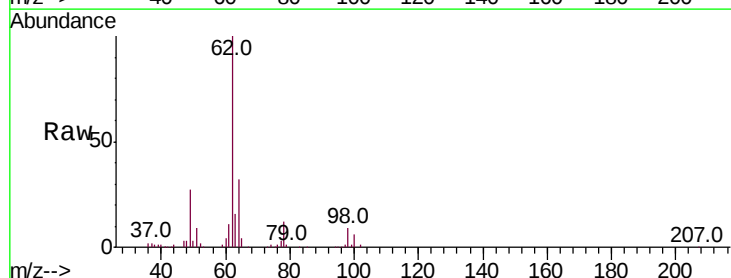
Acq: 27 Oct 2020 17:33

Tgt Ion: 62 Resp: 83281

Ion Ratio Lower Upper

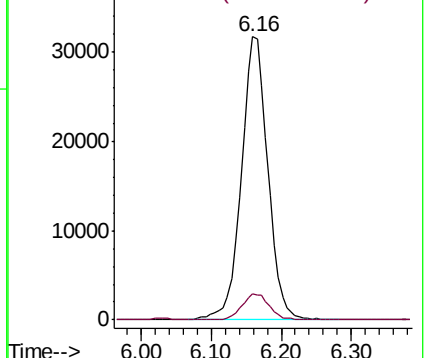
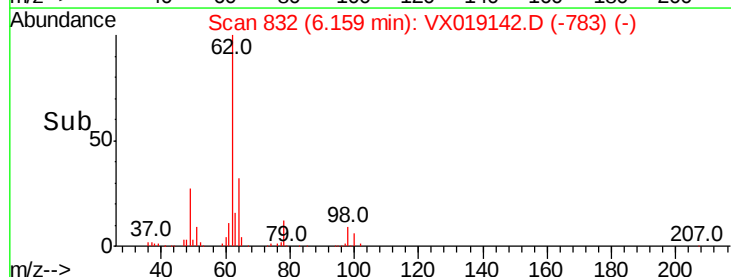
62 100

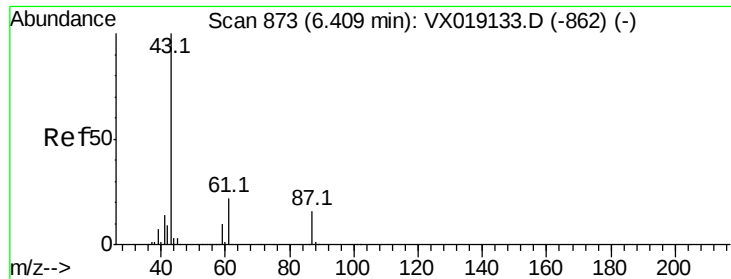
98 9.4 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.770 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

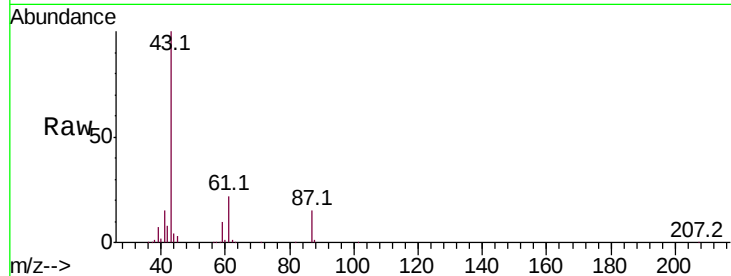
Tot Ion: 43 Resp: 123292

Ion Ratio Lower Upper

43 100

61 22.1 17.8 26.6

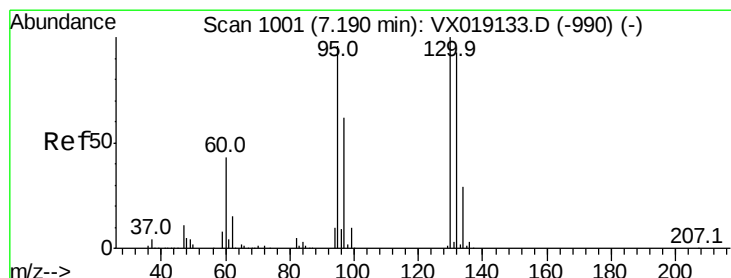
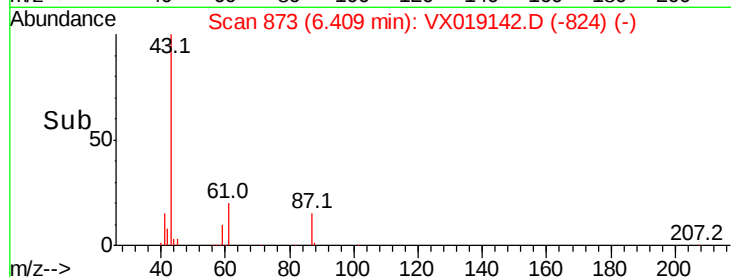
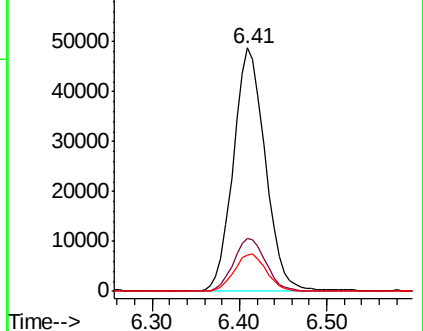
87 15.6 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.959 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX019142.D

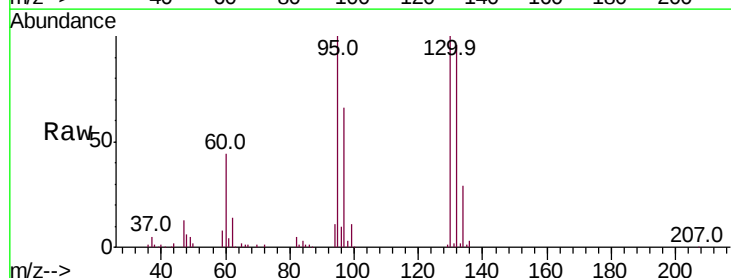
Acq: 27 Oct 2020 17:33

Tgt Ion:130 Resp: 61612

Ion Ratio Lower Upper

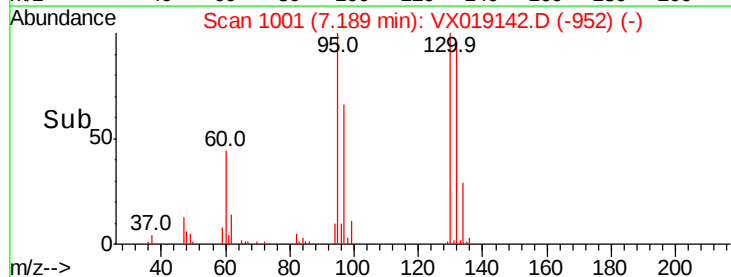
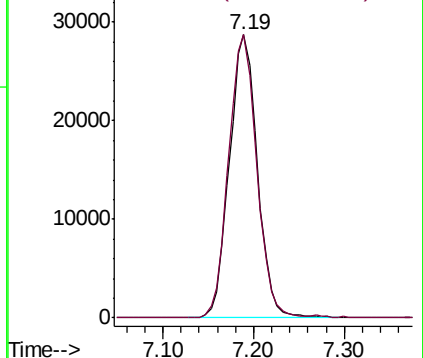
130 100

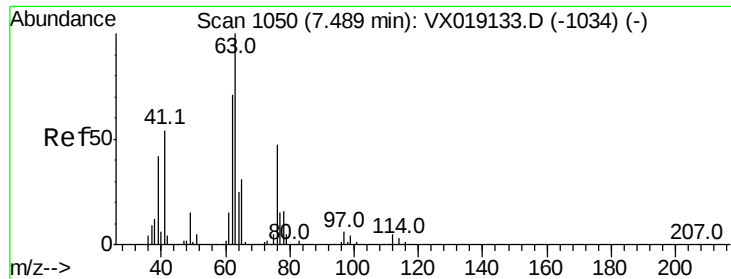
95 100.0 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.337 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

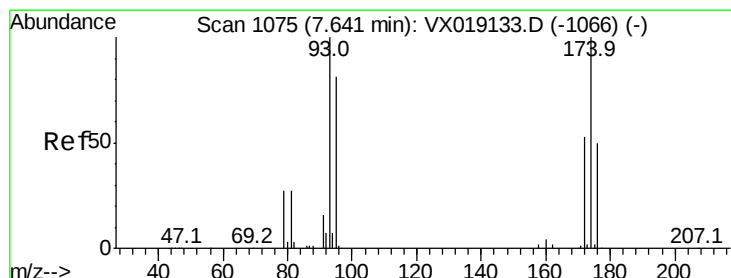
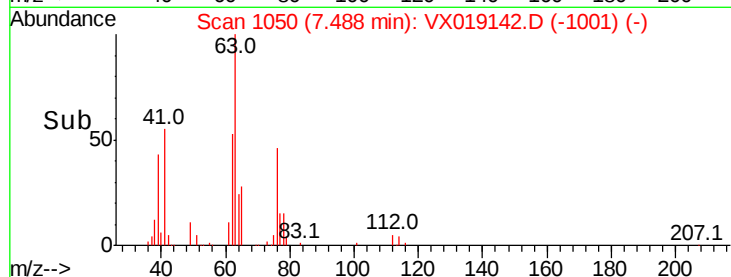
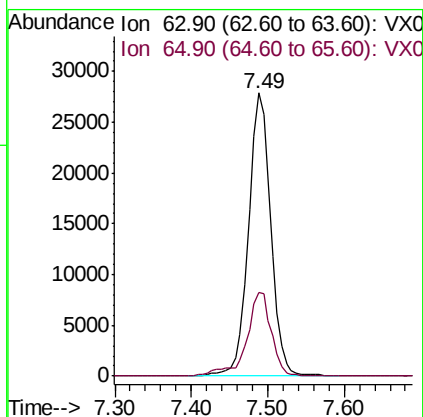
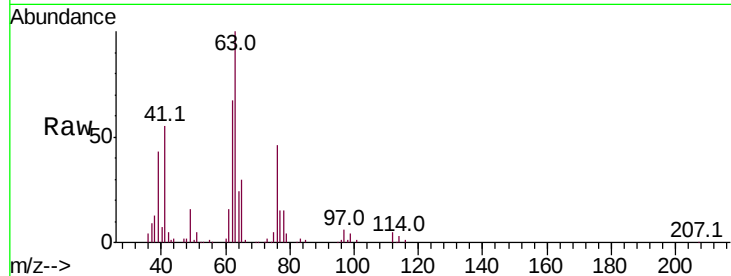
VX1027WBS01

Tot Ion: 63 Resp: 56736

Ion Ratio Lower Upper

63 100

65 29.6 25.2 37.8



#46

Dibromomethane

Concen: 18.447 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

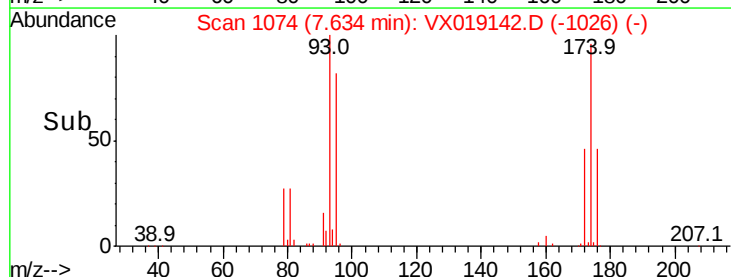
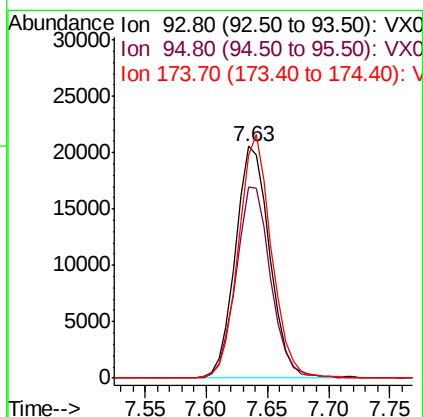
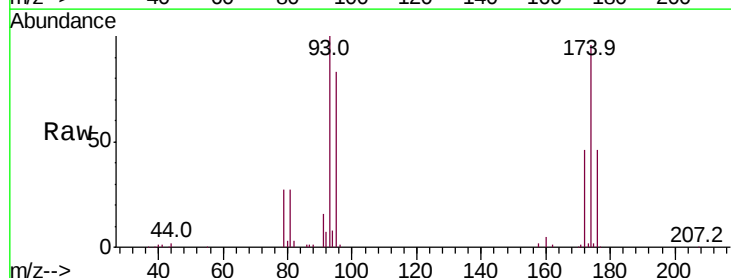
Tgt Ion: 93 Resp: 40025

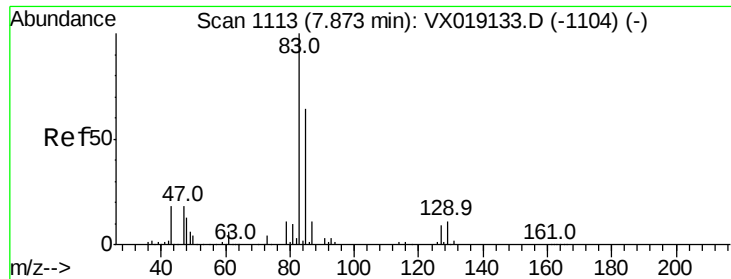
Ion Ratio Lower Upper

93 100

95 83.0 67.0 100.6

174 101.1 81.7 122.5





#47

Bromodichloromethane

Concen: 18.649 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

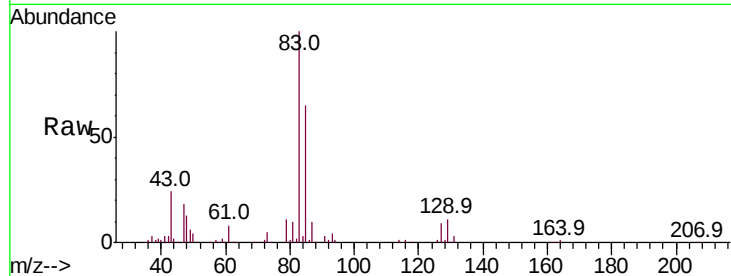
Tot Ion: 83 Resp: 79755

Ion Ratio Lower Upper

83 100

85 64.9 51.2 76.8

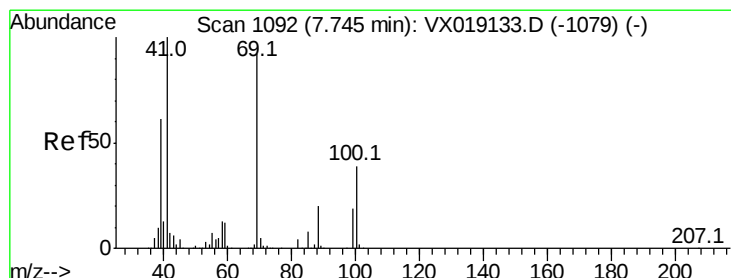
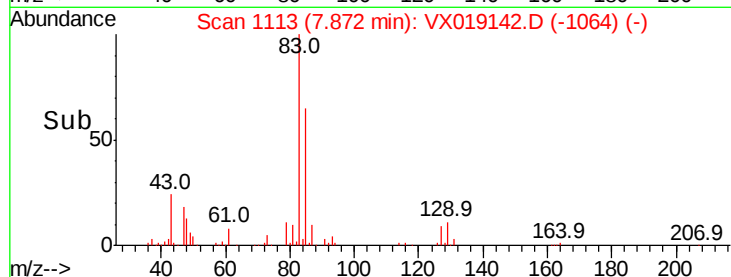
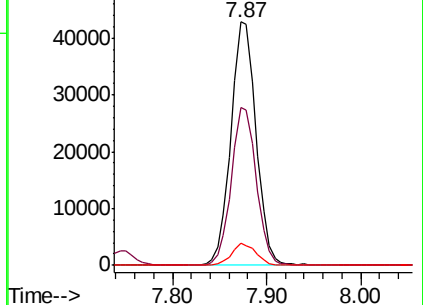
127 9.2 7.1 10.7



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: 19.008 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

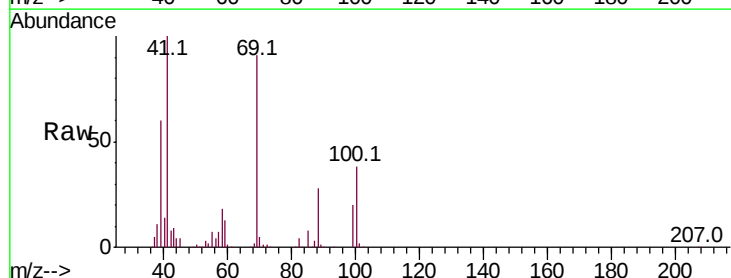
Tgt Ion: 41 Resp: 60094

Ion Ratio Lower Upper

41 100

69 93.1 75.5 113.3

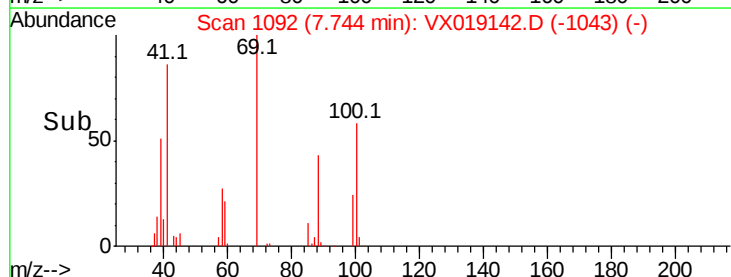
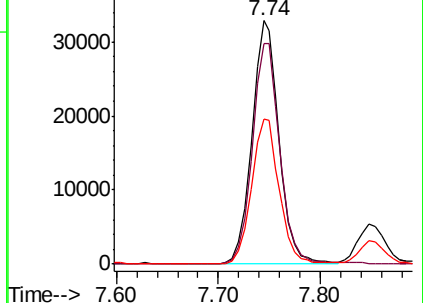
39 61.1 48.9 73.3

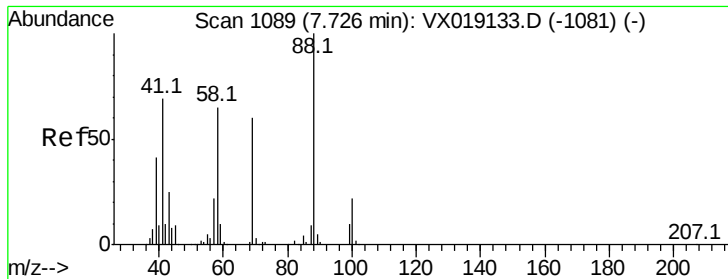


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 390.158 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

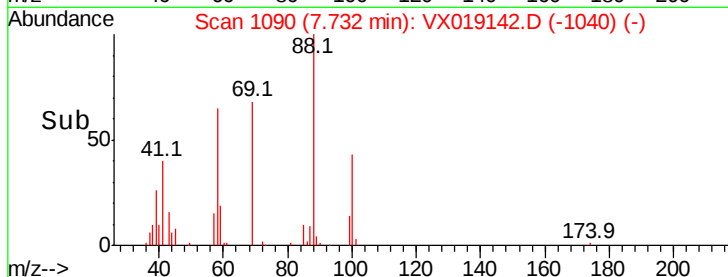
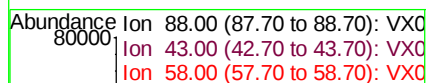
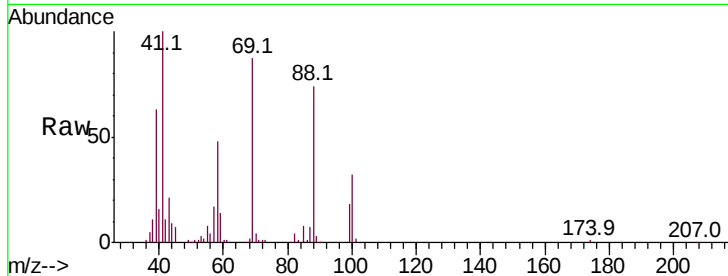
Tot Ion: 88 Resp: 27431

Ion	Ratio	Lower	Upper
88	100		
43	28.8	23.0	34.6
58	65.6	52.2	78.2

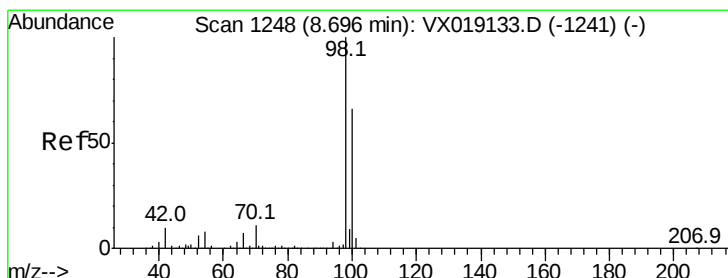
88 100

43 28.8 23.0 34.6

58 65.6 52.2 78.2



Time-->



#50

Toluene-d8

Concen: 48.240 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019142.D

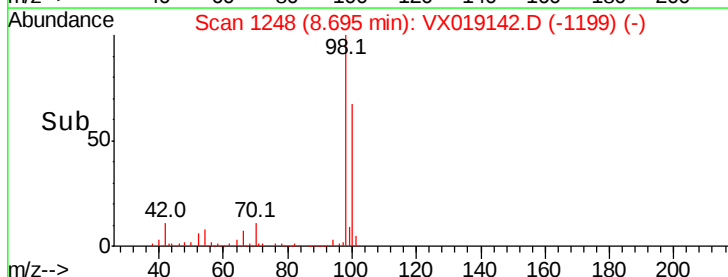
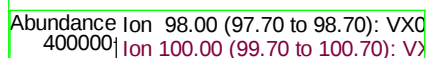
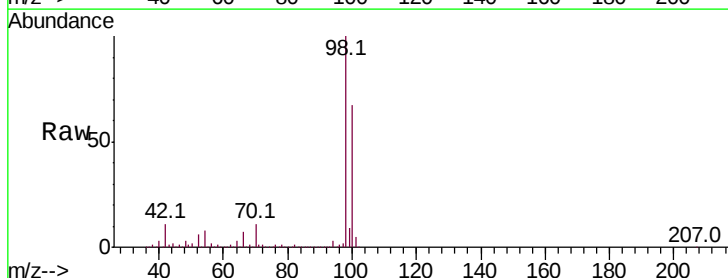
Acq: 27 Oct 2020 17:33

Tgt Ion: 98 Resp: 522620

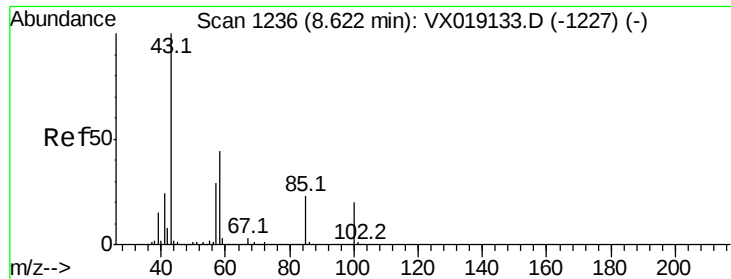
Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.6

98 100

100 65.7 53.0 79.6



Time-->



#51

4-Methyl-2-Pentanone

Concen: 99.487 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampled :

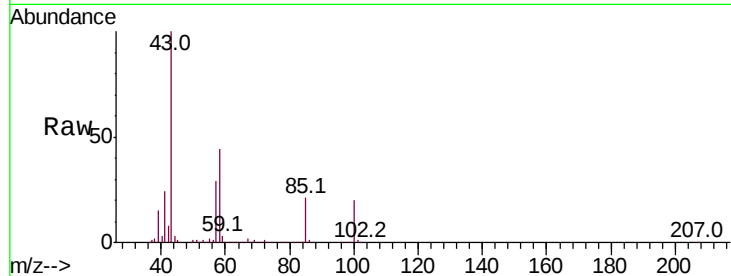
VX1027WBS01

Tot Ion: 43 Resp: 375587

Ion Ratio Lower Upper

43 100

58 43.5 35.0 52.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

250000

200000

150000

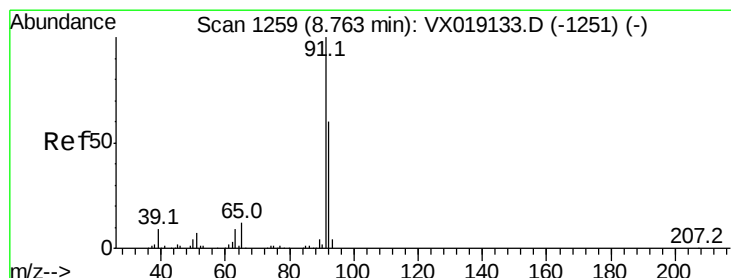
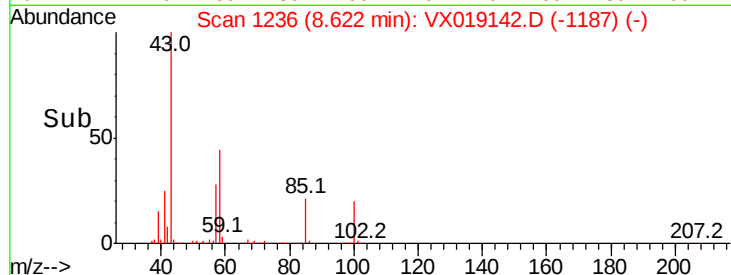
100000

50000

0

8.50 8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 19.011 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019142.D

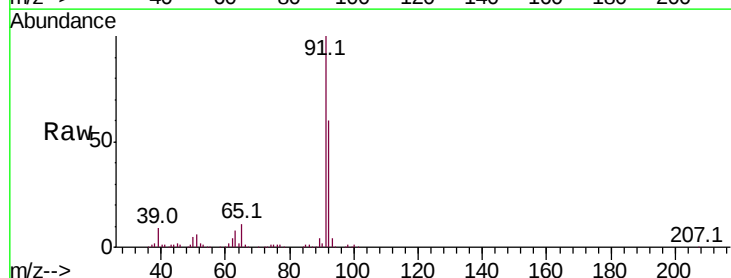
Acq: 27 Oct 2020 17:33

Tgt Ion: 92 Resp: 146677

Ion Ratio Lower Upper

92 100

91 169.8 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

150000

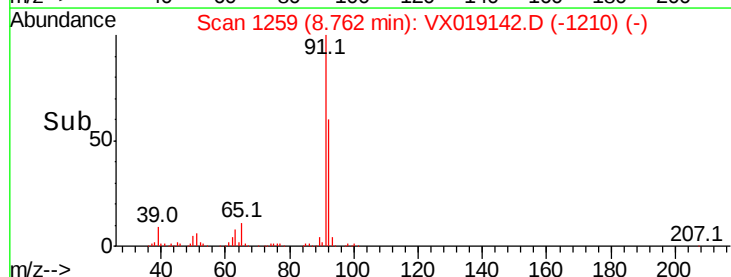
100000

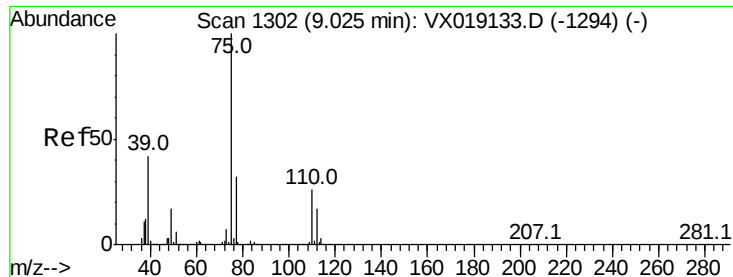
50000

0

8.70 8.75 8.80 8.85 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.844 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

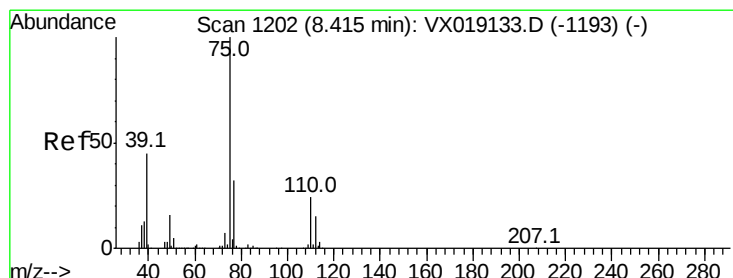
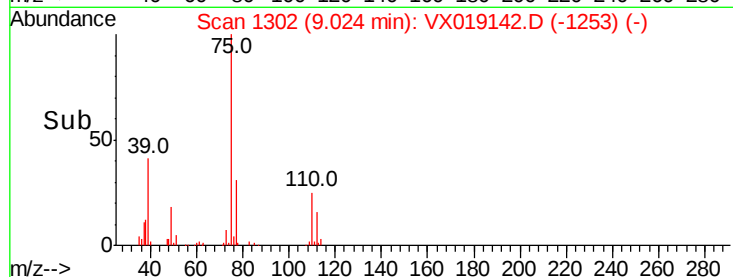
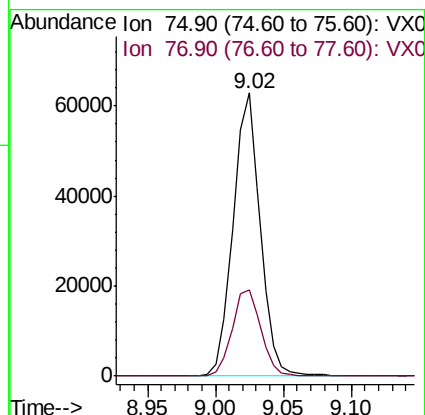
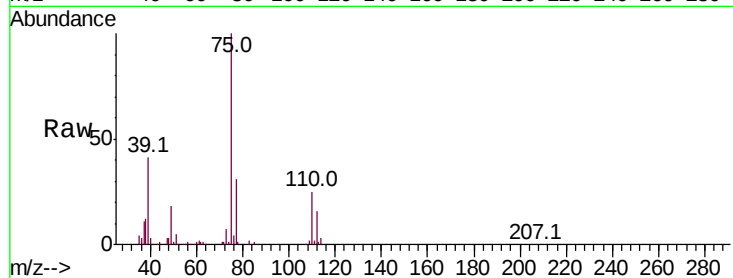
VX1027WBS01

Tot Ion: 75 Resp: 87163

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.541 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

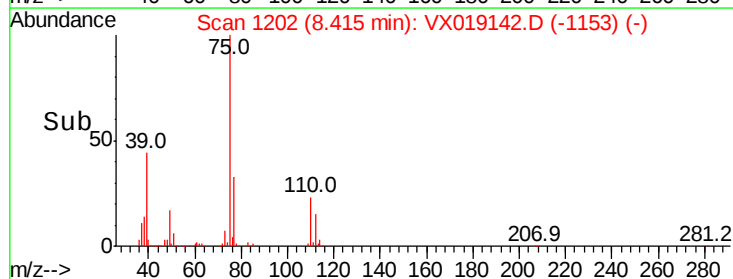
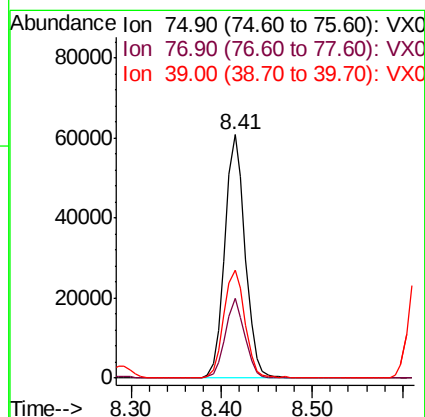
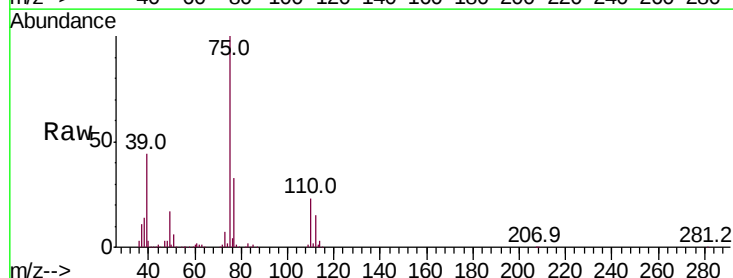
Tgt Ion: 75 Resp: 95237

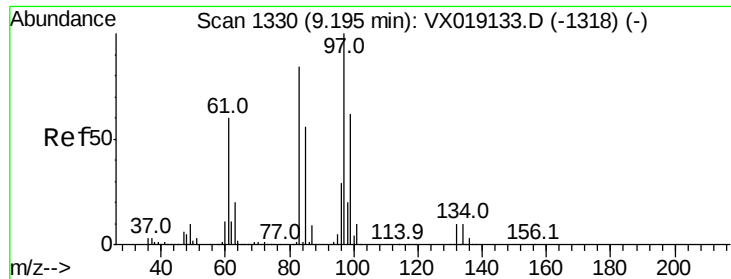
Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

39 44.4 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 19.021 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tot Ion: 97 Resp: 57983

Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.2	100.8
85	54.6	44.6	67.0
99	61.9	49.4	74.0

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

9.20

40000

30000

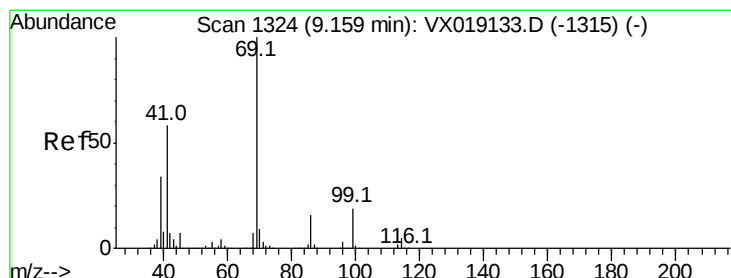
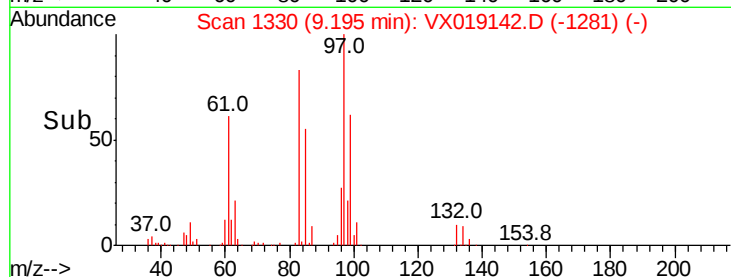
20000

10000

0

Time-->

9.10 9.15 9.20 9.25 9.30



#56

Ethyl methacrylate

Concen: 18.965 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Tgt Ion: 69 Resp: 87324

Ion	Ratio	Lower	Upper
69	100		
41	59.1	46.5	69.7
39	35.5	27.6	41.4

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.30

Abundance

9.16

80000

60000

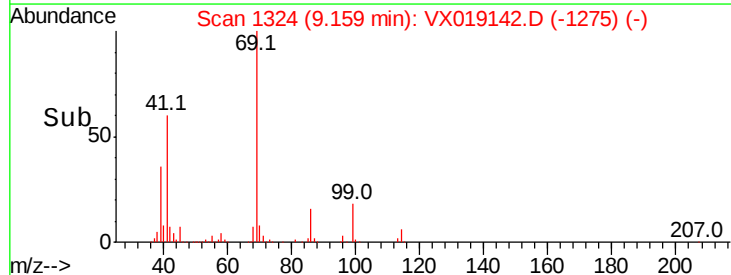
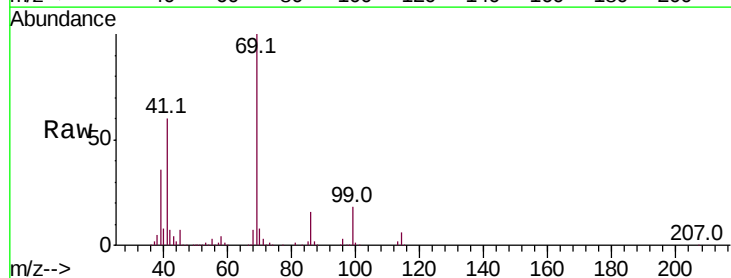
40000

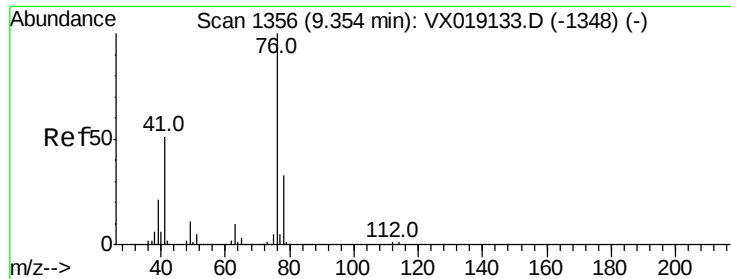
20000

0

Time-->

9.10 9.15 9.20 9.30





#57

1,3-Dichloropropane

Concen: 19.117 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

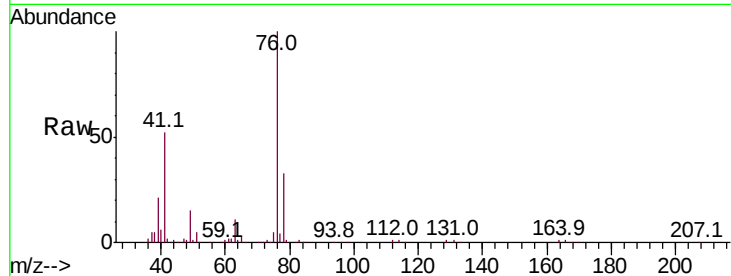
VX1027WBS01

Tot Ion: 76 Resp: 98253

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

80000

60000

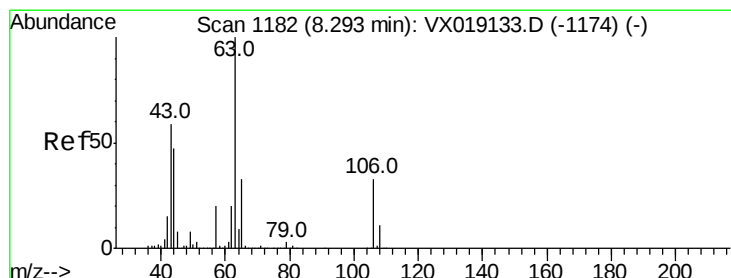
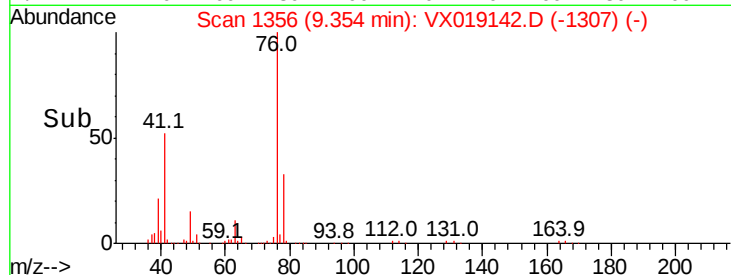
40000

20000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 92.090 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019142.D

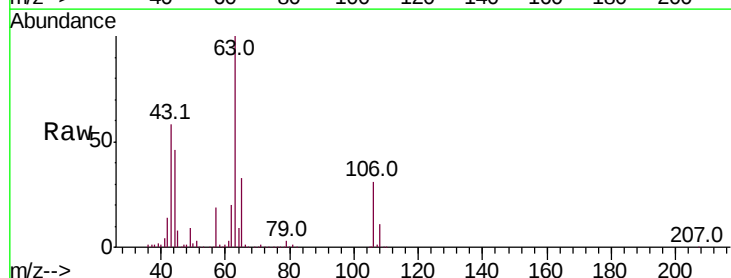
Acq: 27 Oct 2020 17:33

Tgt Ion: 63 Resp: 237144

Ion Ratio Lower Upper

63 100

106 30.5 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

150000

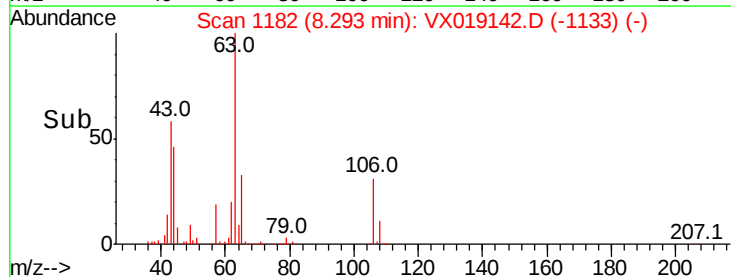
100000

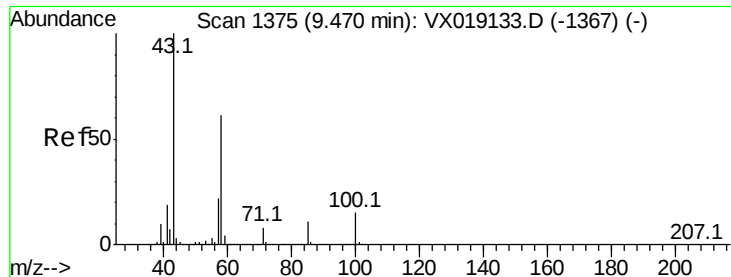
50000

0

8.20 8.30 8.40

Time-->

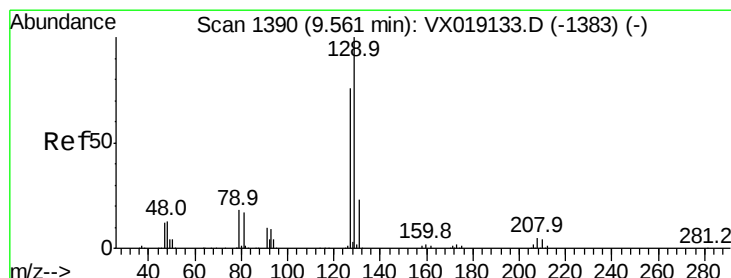
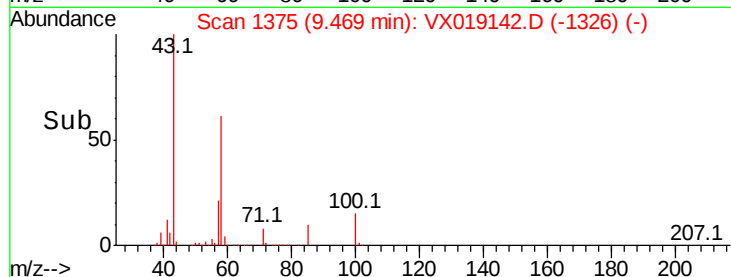
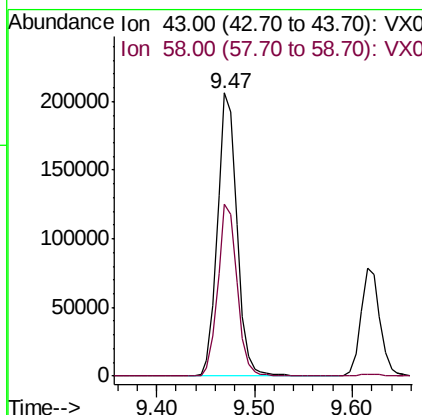
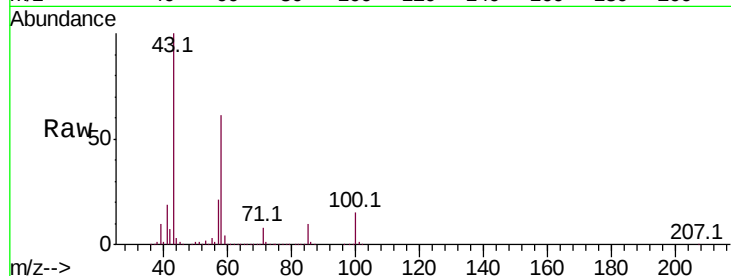




#59
2-Hexanone
Concen: 99.116 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

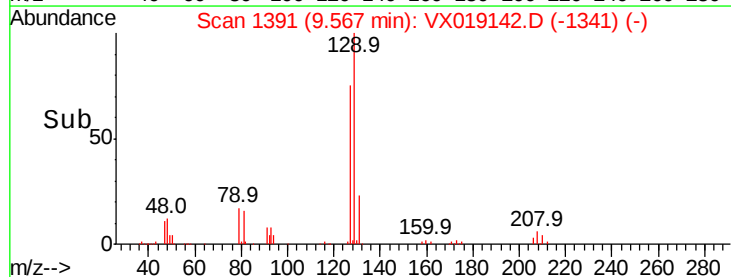
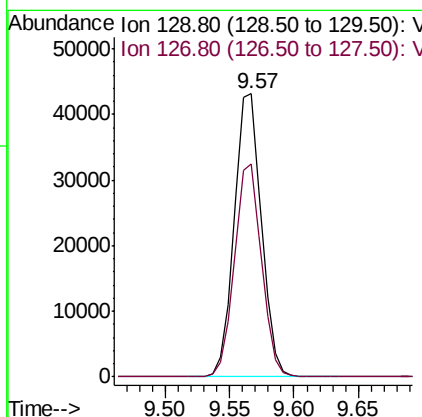
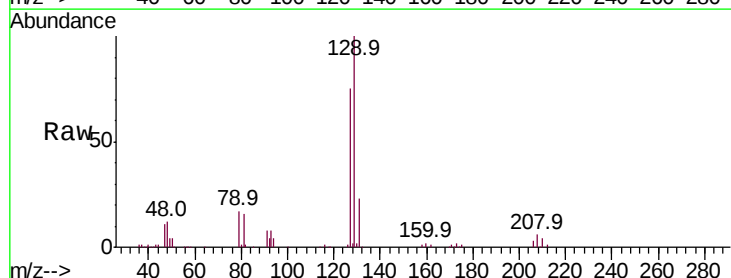
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

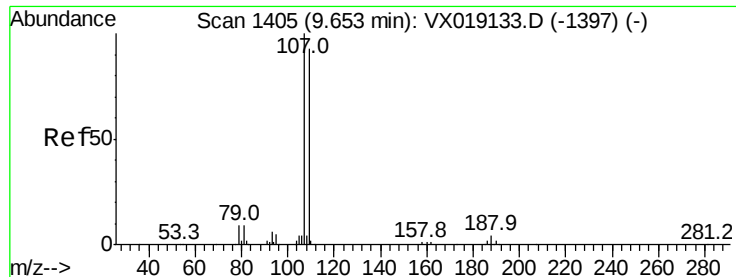
Tot Ion: 43 Resp: 284833
Ion Ratio Lower Upper
43 100
58 60.2 30.5 91.5



#60
Dibromochloromethane
Concen: 19.193 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion: 129 Resp: 63496
Ion Ratio Lower Upper
129 100
127 74.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.120 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

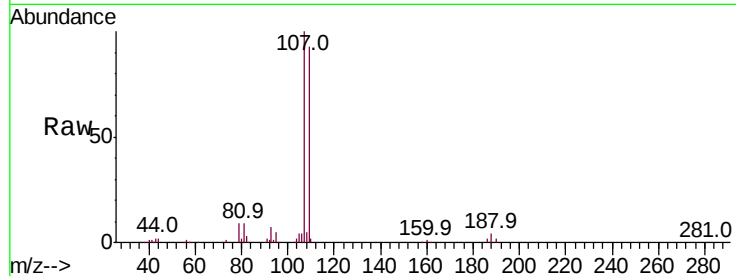
VX1027WBS01

Tot Ion:107 Resp: 62327

Ion Ratio Lower Upper

107 100

109 92.9 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

40000

30000

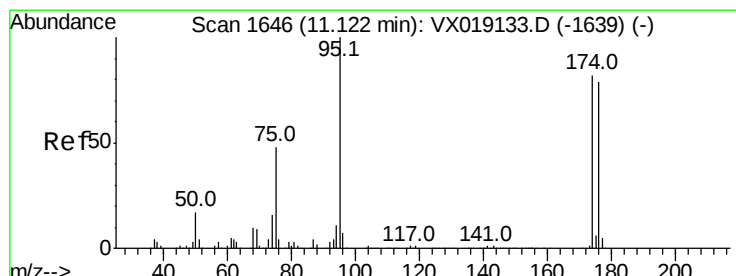
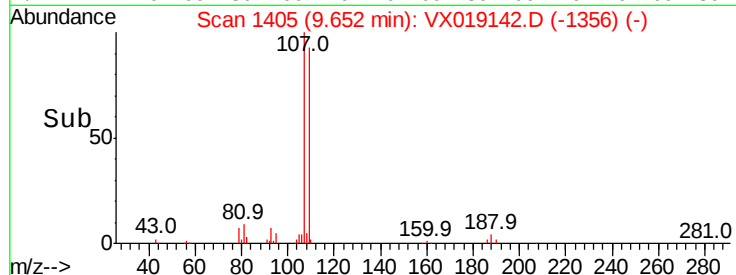
20000

10000

0

Time-->

9.60 9.70



#62

4-Bromofluorobenzene

Concen: 47.753 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

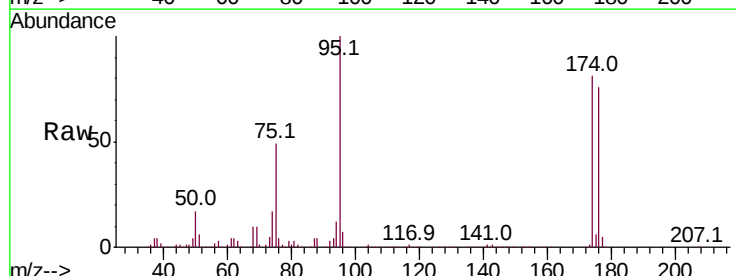
Tgt Ion: 95 Resp: 195921

Ion Ratio Lower Upper

95 100

174 79.1 0.0 156.0

176 75.1 0.0 149.8



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

200000

150000

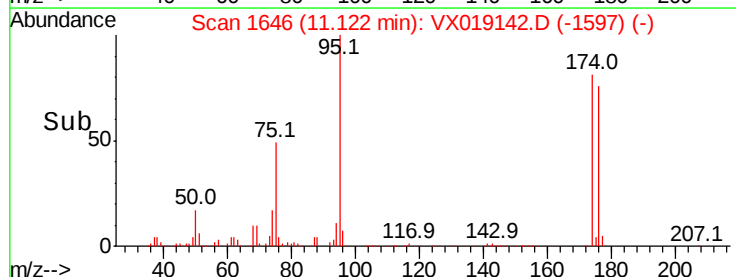
100000

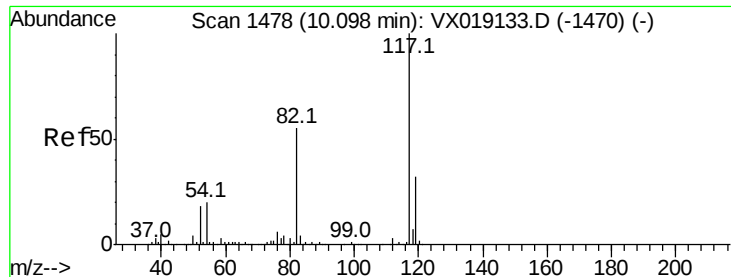
50000

0

Time-->

11.10 11.20

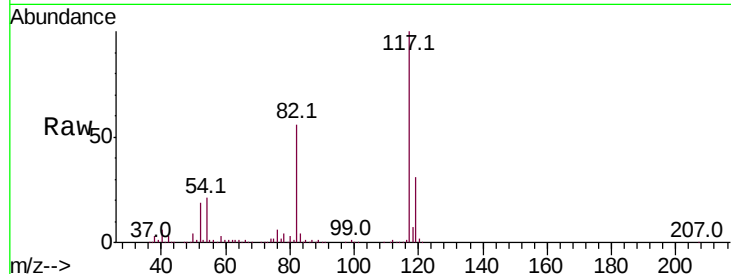




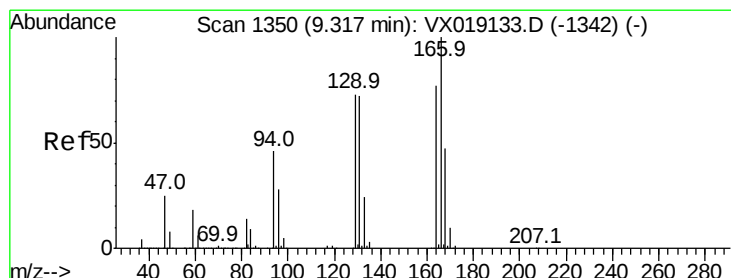
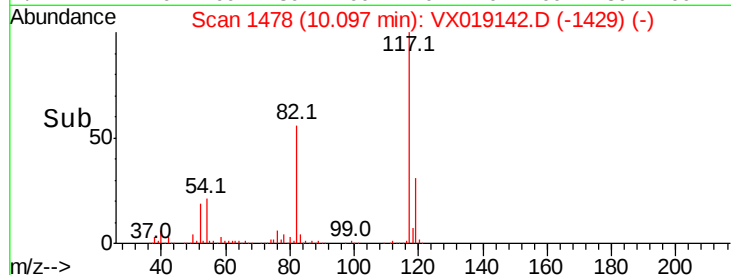
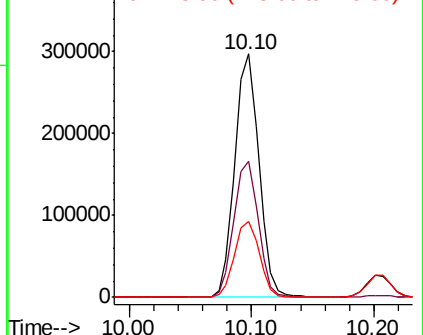
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion:117 Resp: 404958
Ion Ratio Lower Upper
117 100
82 55.9 43.6 65.4
119 31.2 25.5 38.3

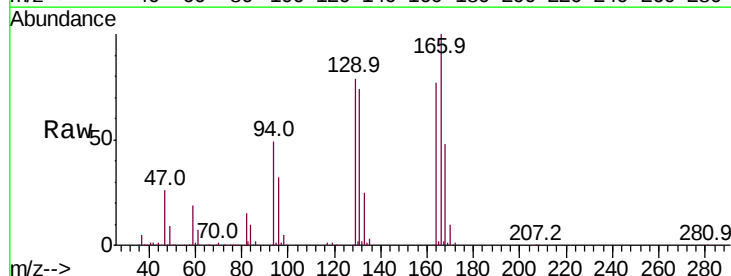


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

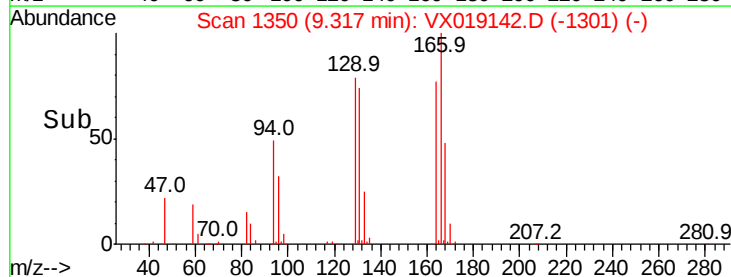
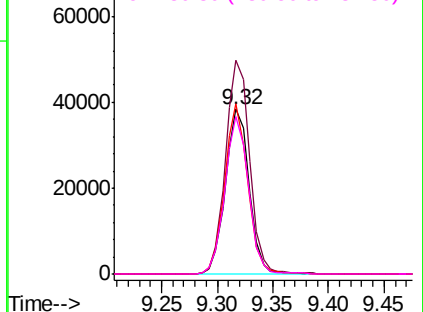


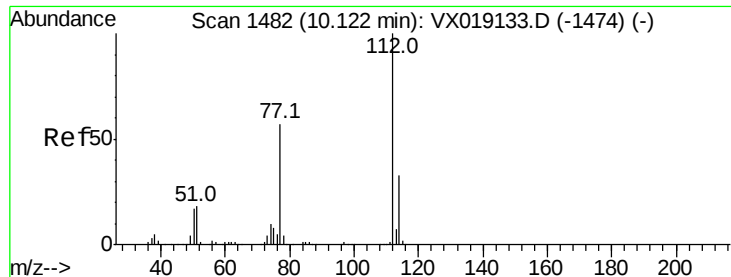
#64
Tetrachloroethene
Concen: 18.347 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion:164 Resp: 56608
Ion Ratio Lower Upper
164 100
166 129.8 104.1 156.1
129 103.2 76.2 114.4
131 95.5 74.6 112.0



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

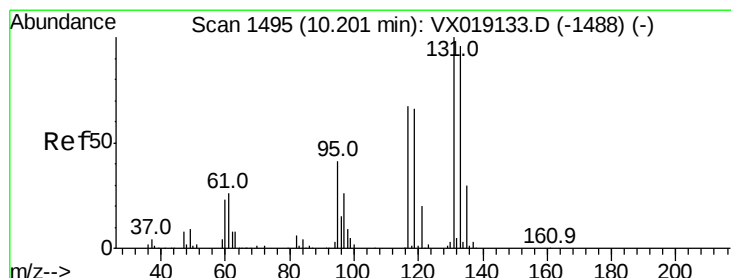
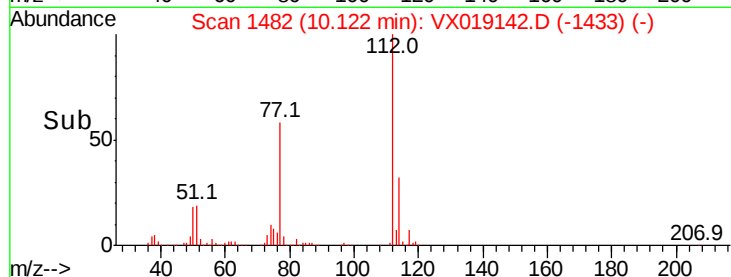
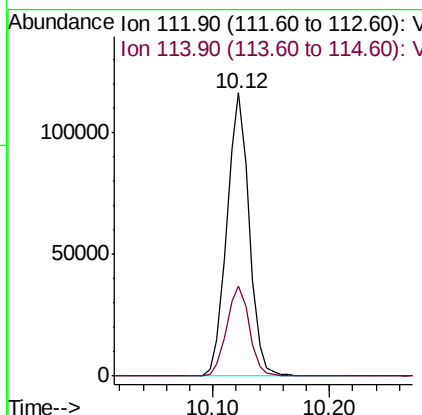
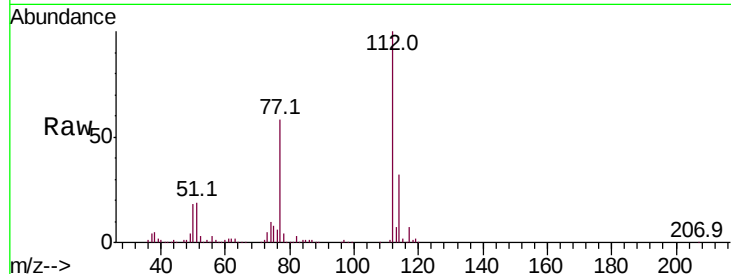




#65
Chlorobenzene
Concen: 18.605 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

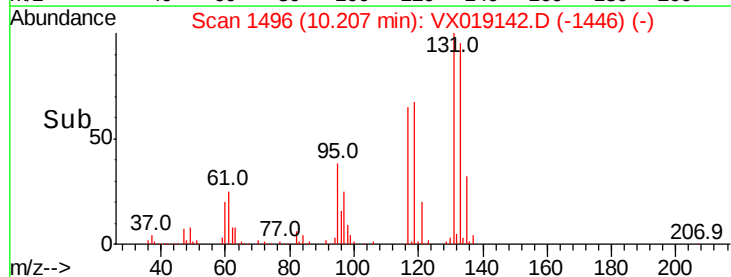
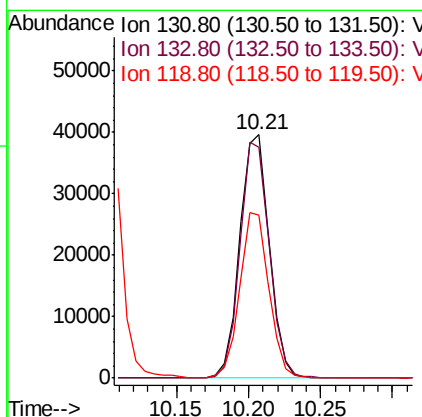
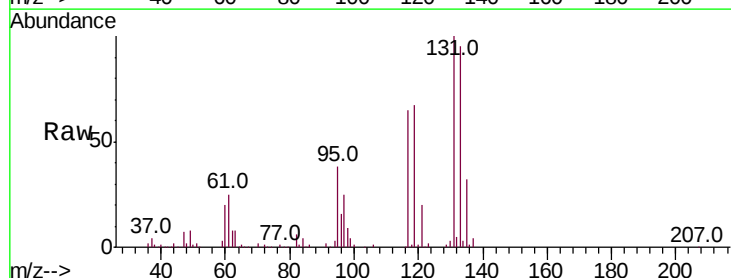
Instrument :
MSVOA_X
ClientSampled :
VX1027WBS01

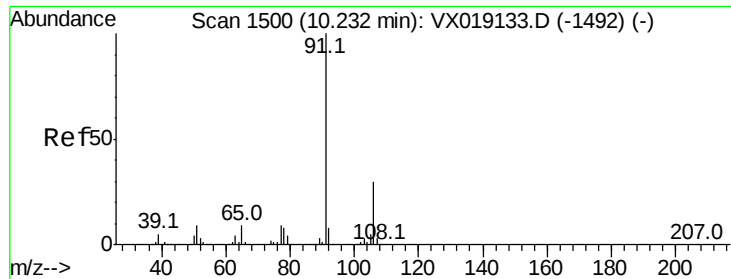
Tot Ion:112 Resp: 153995
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.852 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion:131 Resp: 56173
Ion Ratio Lower Upper
131 100
133 96.4 47.3 141.8
119 67.4 32.3 96.9

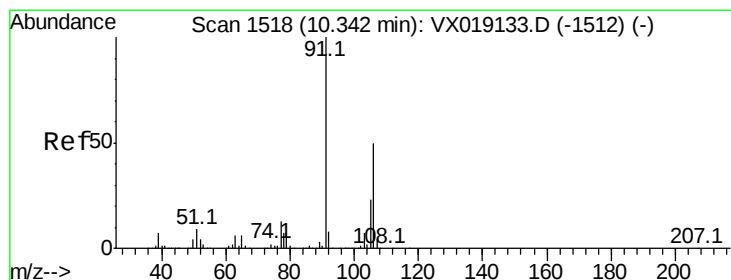
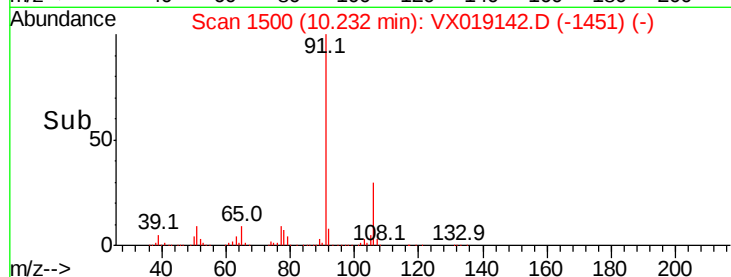
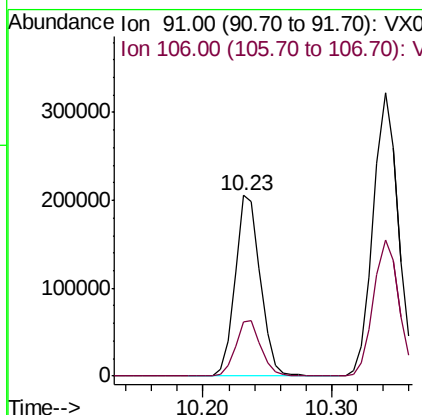
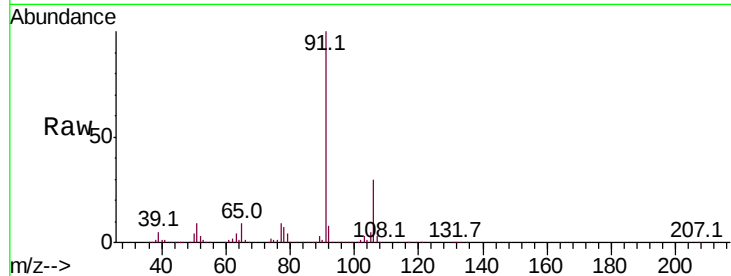




#67
Ethyl Benzene
Concen: 19.001 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

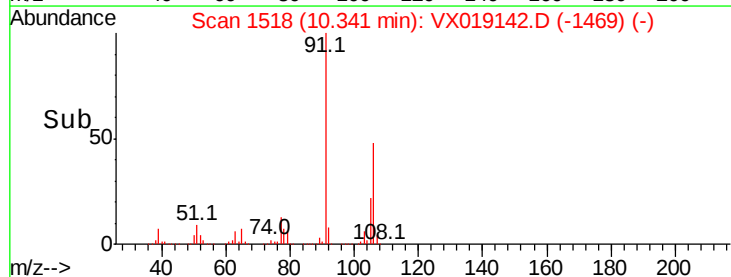
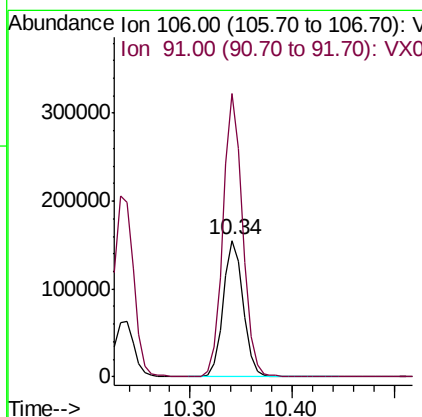
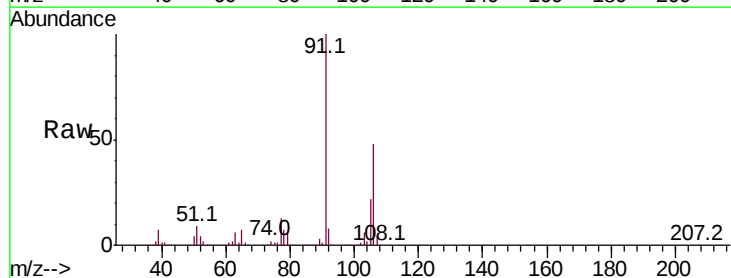
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

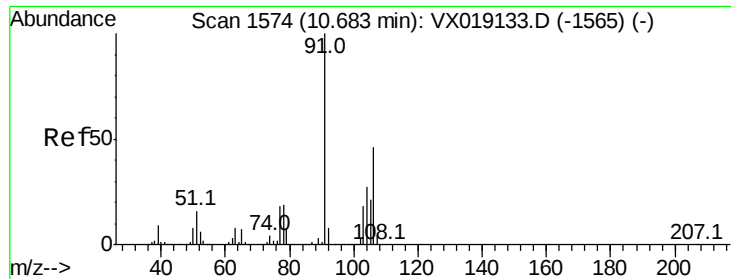
Tot Ion: 91 Resp: 280241
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 38.250 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion: 106 Resp: 211734
Ion Ratio Lower Upper
106 100
91 203.4 161.0 241.4

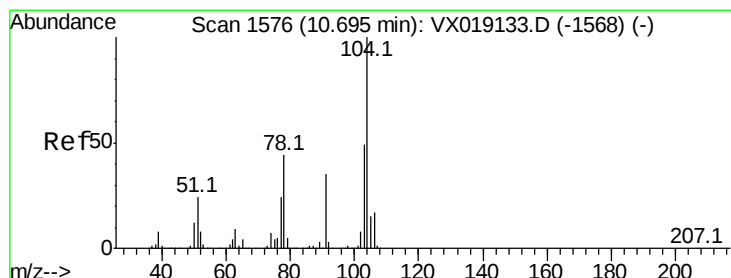
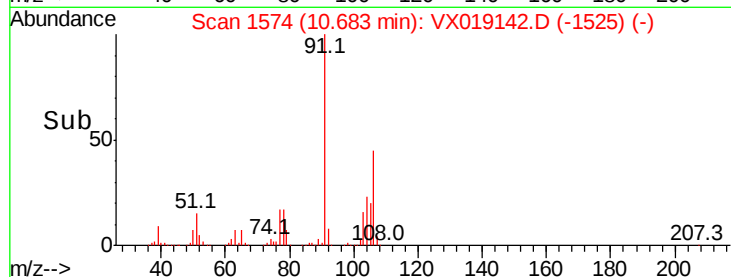
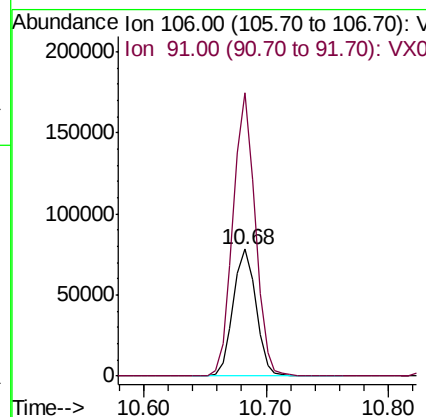
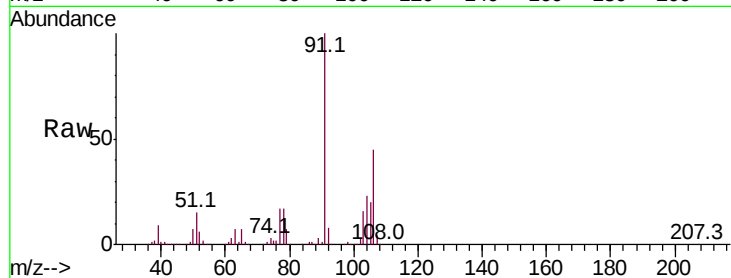




#69
o-Xylene
Concen: 19.283 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

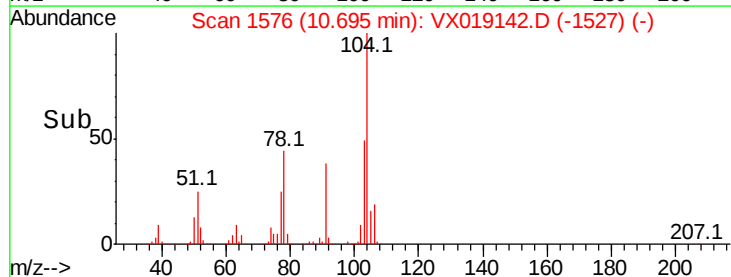
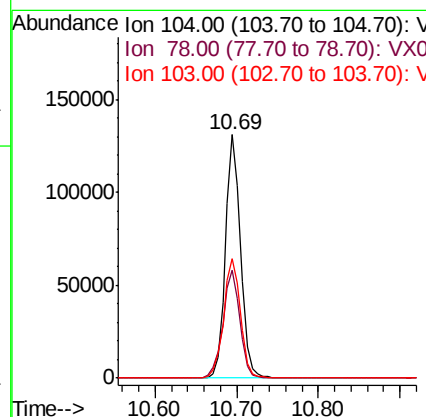
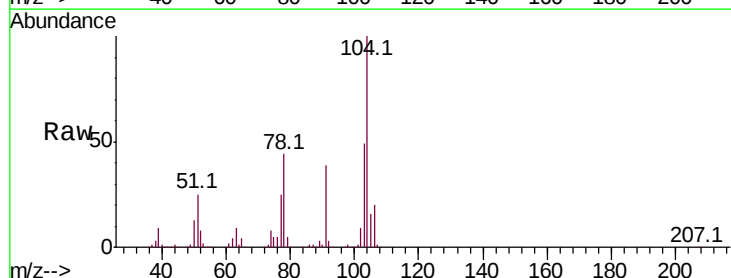
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

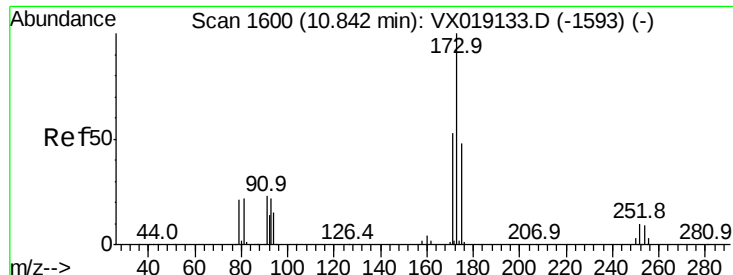
Tot Ion:106 Resp: 101241
Ion Ratio Lower Upper
106 100
91 216.3 108.3 324.8



#70
Styrene
Concen: 18.909 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion:104 Resp: 169395
Ion Ratio Lower Upper
104 100
78 50.1 40.0 60.0
103 54.8 43.5 65.3





#71

Bromoform

Concen: 17.797 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

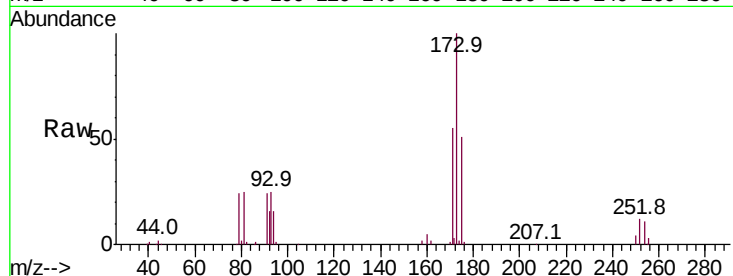
Tot Ion:173 Resp: 42045

Ion Ratio Lower Upper

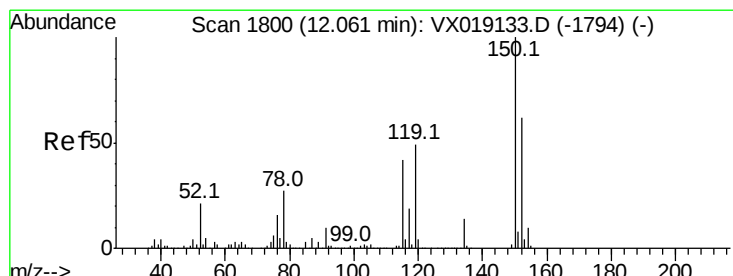
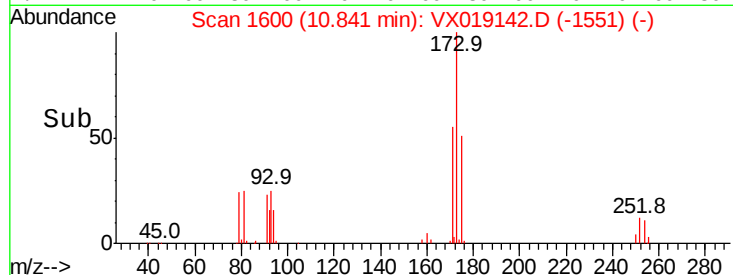
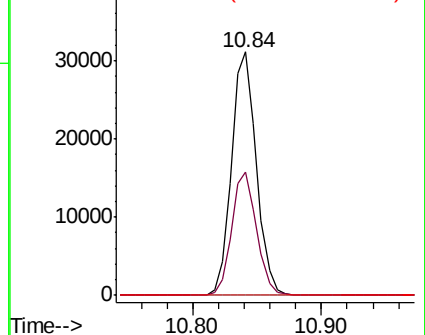
173 100

175 50.5 24.4 73.4

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: VX019142.D

Acq: 27 Oct 2020 17:33

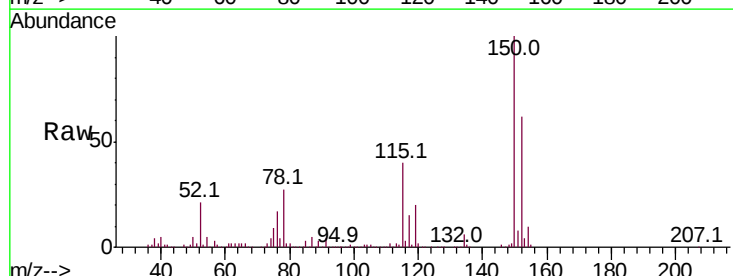
Tgt Ion:152 Resp: 203750

Ion Ratio Lower Upper

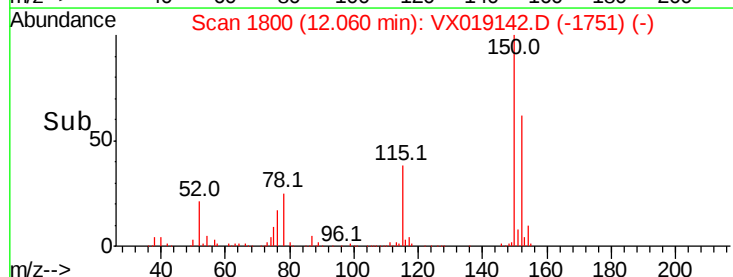
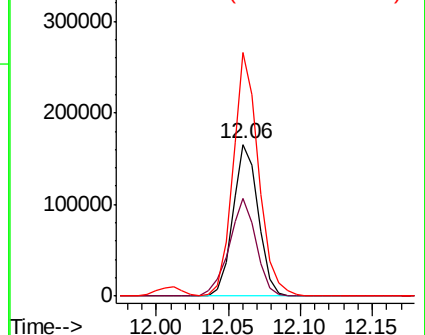
152 100

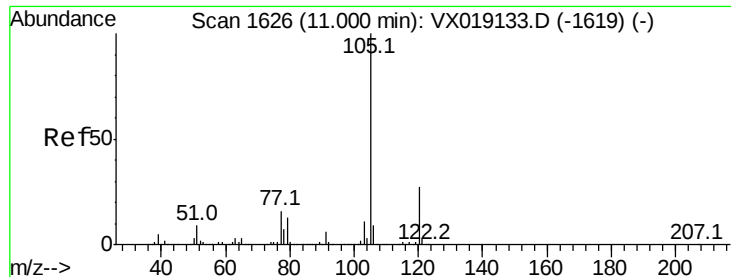
115 68.8 41.9 125.7

150 161.2 0.0 347.8



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: 19.079 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

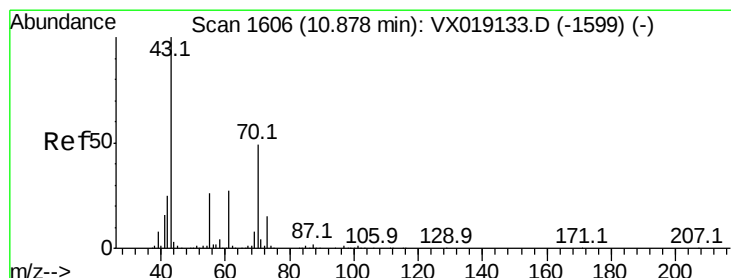
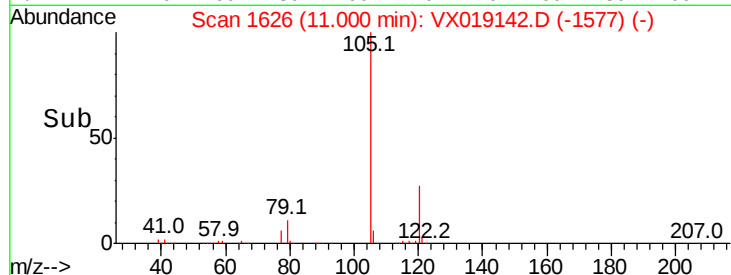
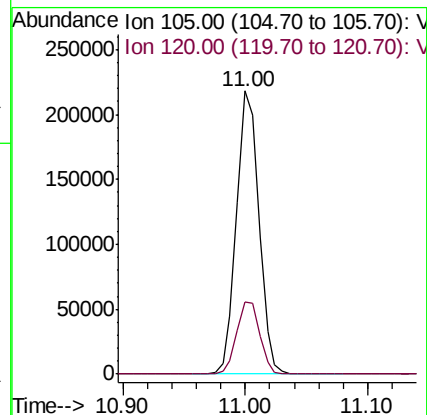
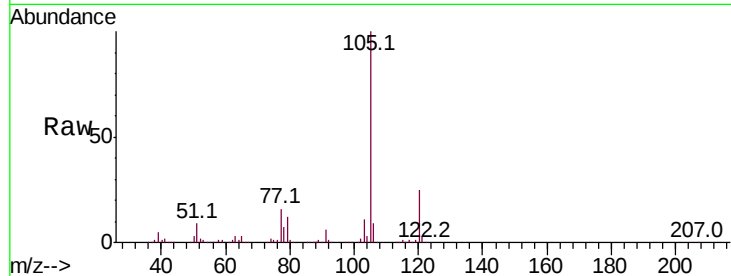
VX1027WBS01

Tot Ion:105 Resp: 275169

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.8



#74

N-ethyl acetate

Concen: 19.296 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Tgt Ion: 43 Resp: 101754

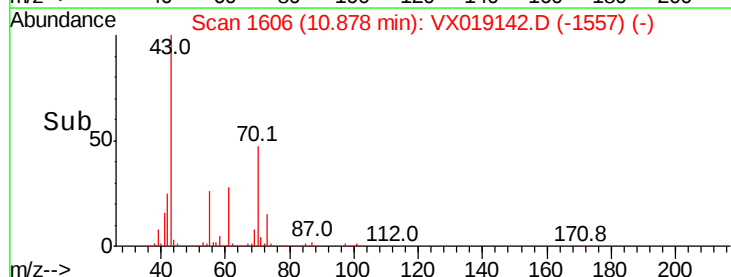
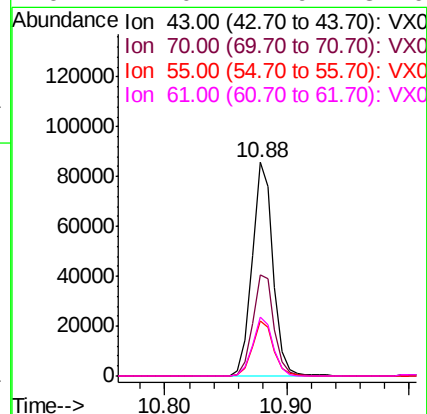
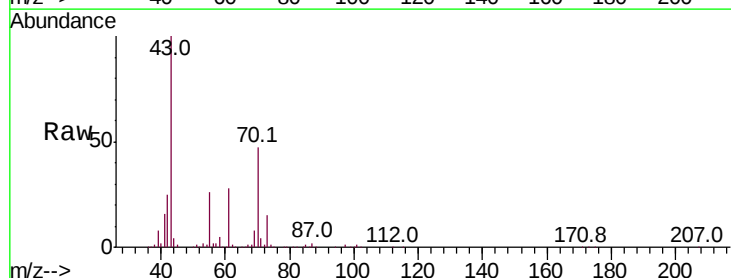
Ion Ratio Lower Upper

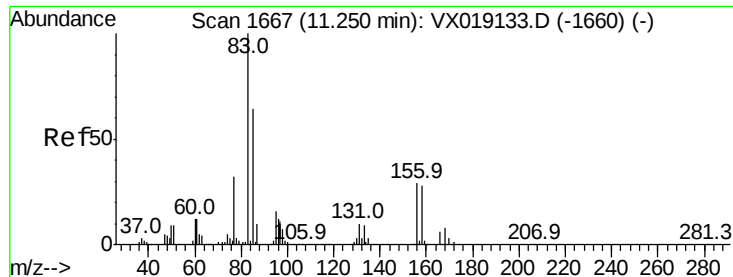
43 100

70 48.6 39.6 59.4

55 25.9 20.7 31.1

61 27.0 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.476 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

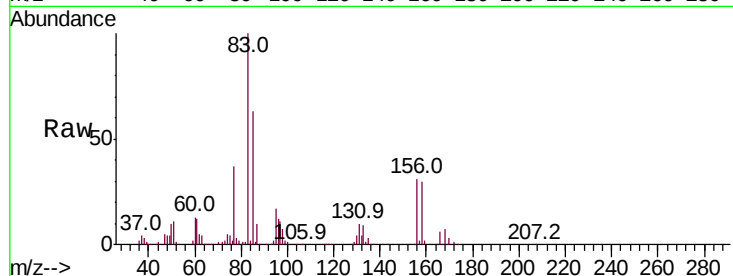
Tot Ion: 83 Resp: 87784

Ion Ratio Lower Upper

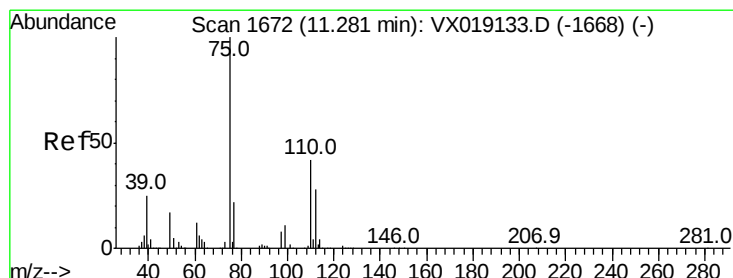
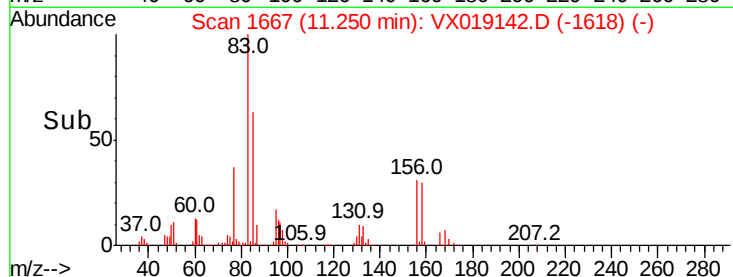
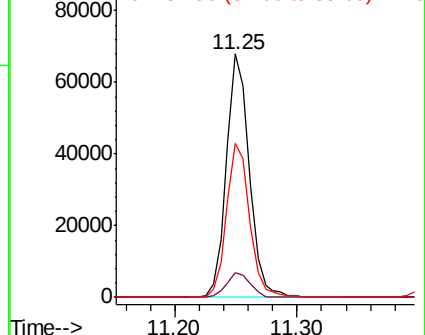
83 100

131 10.3 5.2 15.6

85 63.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.984 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019142.D

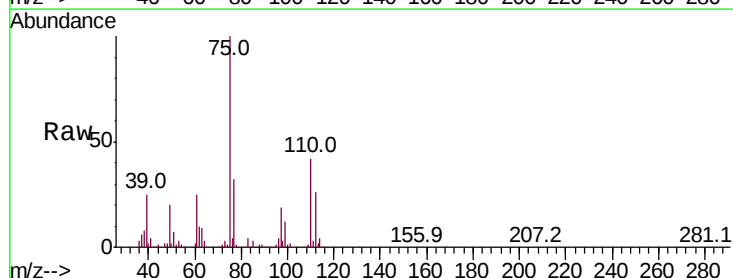
Acq: 27 Oct 2020 17:33

Tgt Ion: 75 Resp: 100902

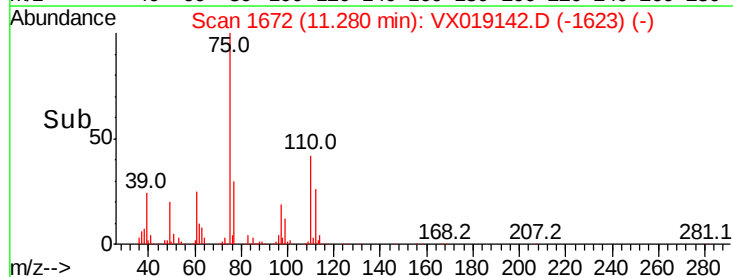
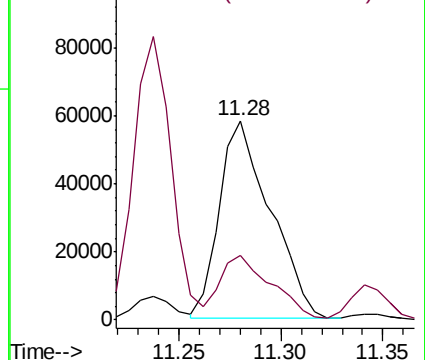
Ion Ratio Lower Upper

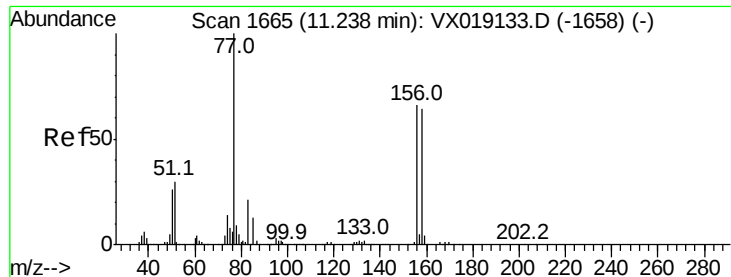
75 100

77 32.6 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.497 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

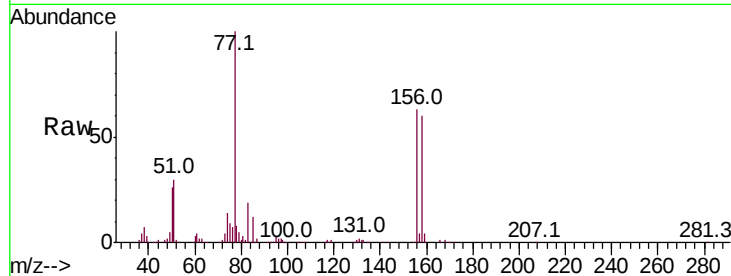
Tot Ion:156 Resp: 66209

Ion Ratio Lower Upper

156 100

77 162.8 77.7 233.1

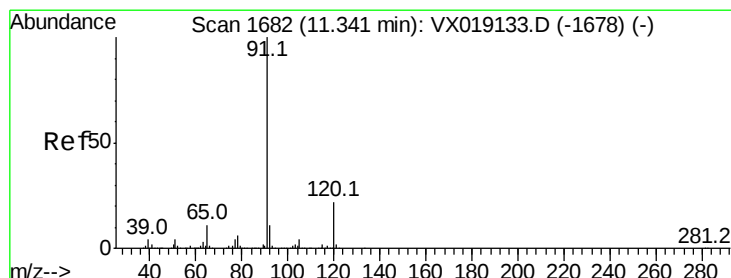
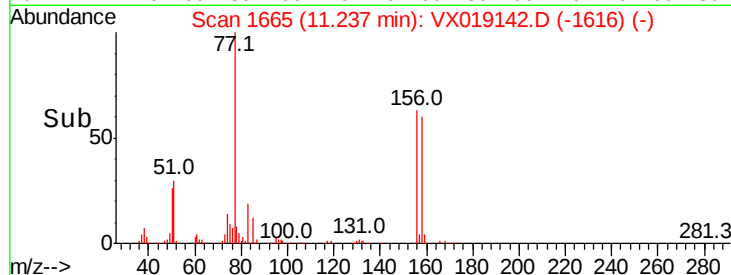
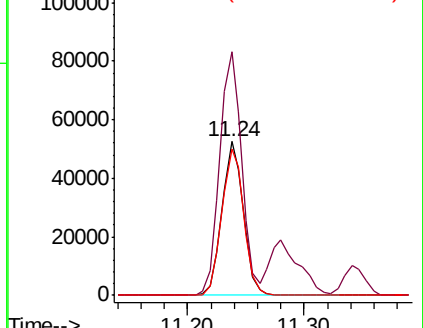
158 97.7 48.3 144.8



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: 18.996 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019142.D

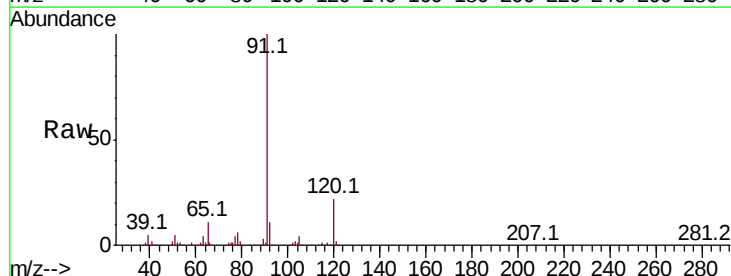
Acq: 27 Oct 2020 17:33

Tgt Ion: 91 Resp: 312744

Ion Ratio Lower Upper

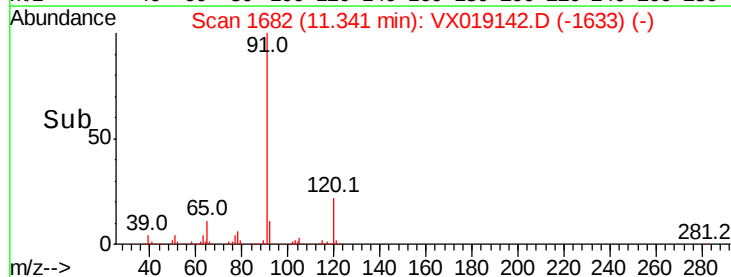
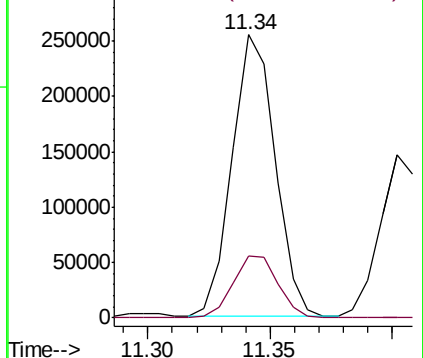
91 100

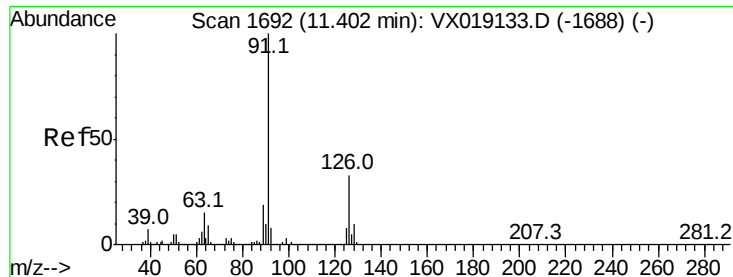
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.045 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

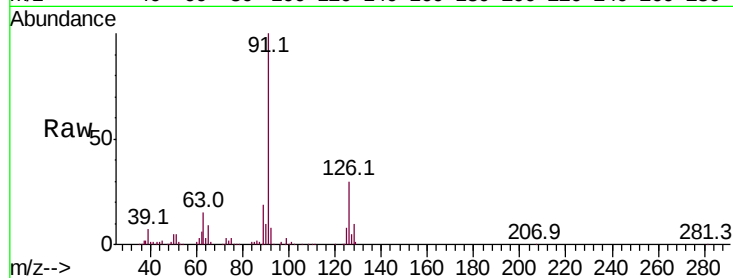
VX1027WBS01

Tot Ion: 91 Resp: 184598

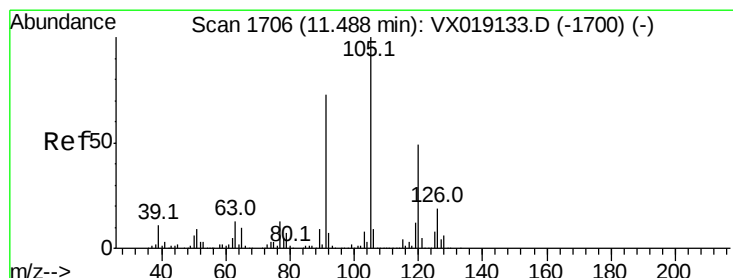
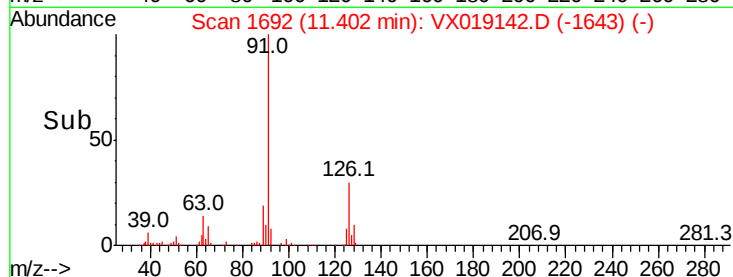
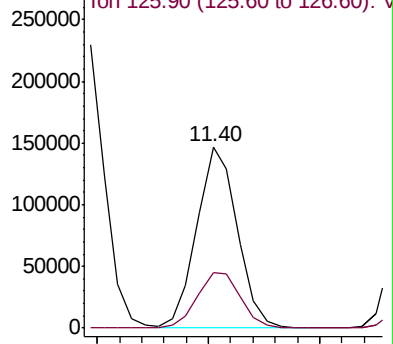
Ion Ratio Lower Upper

91 100

126 33.2 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.855 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019142.D

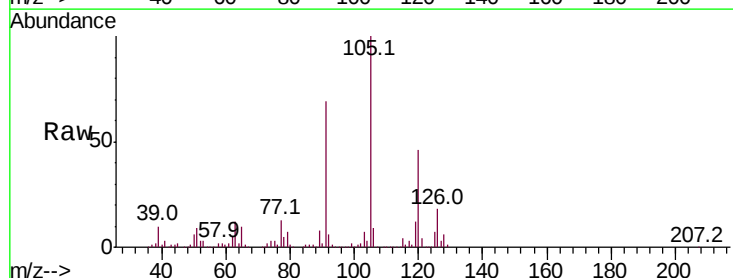
Acq: 27 Oct 2020 17:33

Tgt Ion: 105 Resp: 229725

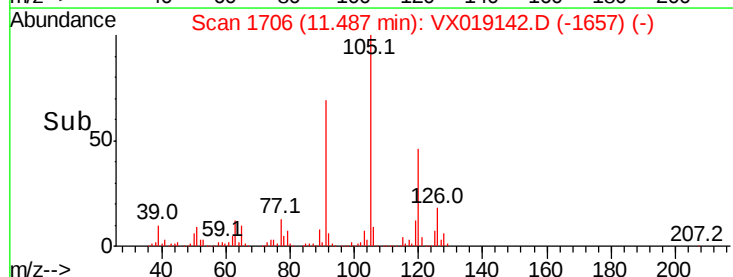
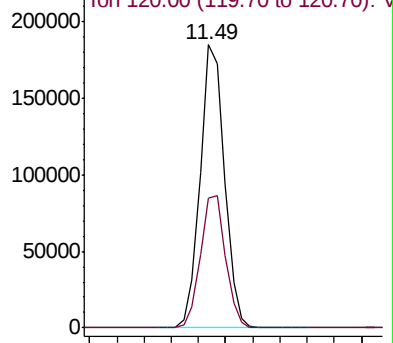
Ion Ratio Lower Upper

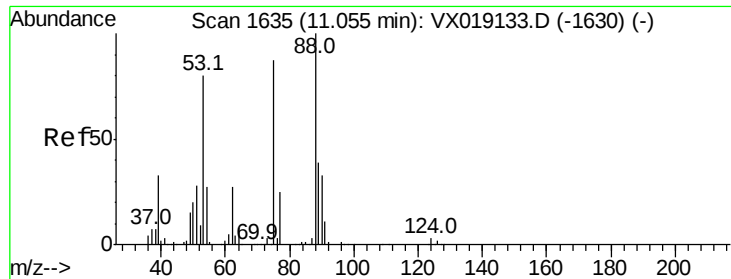
105 100

120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019133.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.289 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

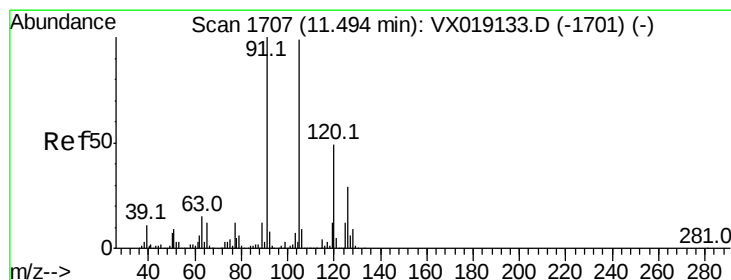
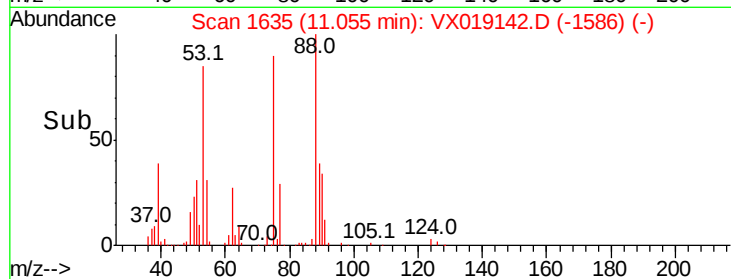
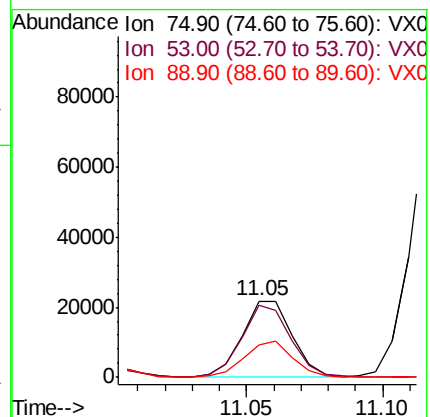
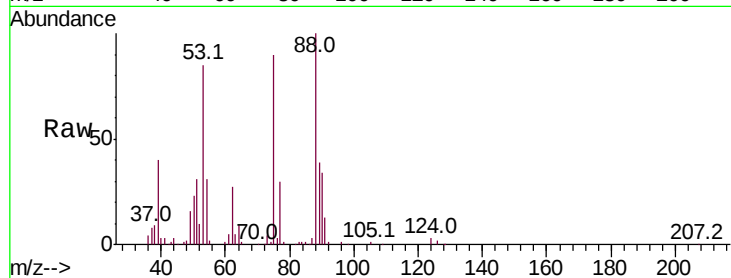
Tot Ion: 75 Resp: 27624

Ion Ratio Lower Upper

75 100

53 94.1 73.3 109.9

89 46.3 38.2 57.2



#82

4-Chlorotoluene

Concen: 18.421 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019142.D

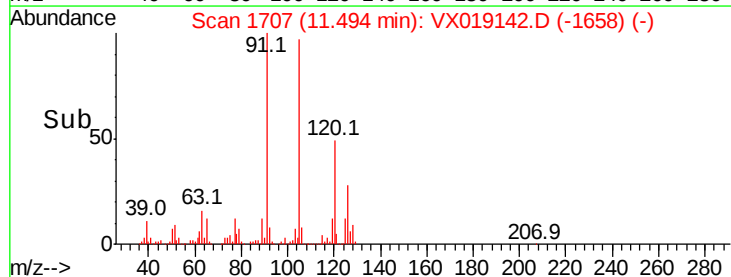
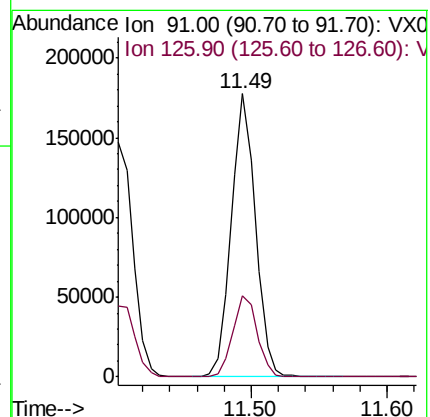
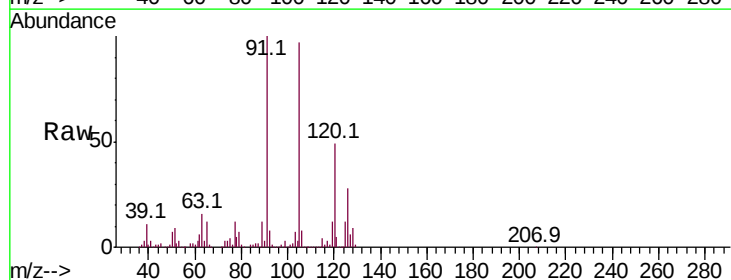
Acq: 27 Oct 2020 17:33

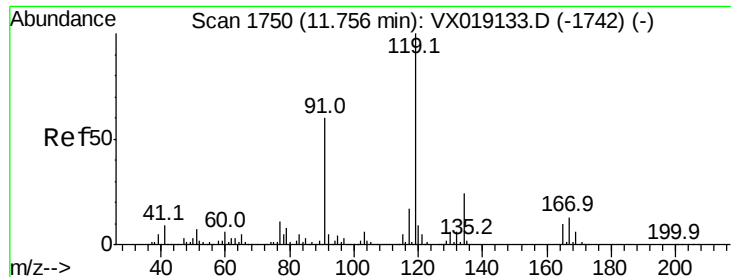
Tgt Ion: 91 Resp: 218036

Ion Ratio Lower Upper

91 100

126 29.1 14.8 44.4

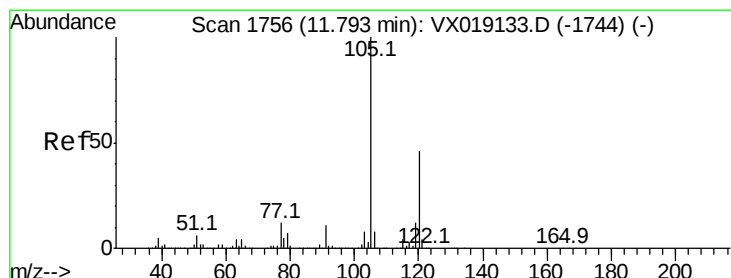
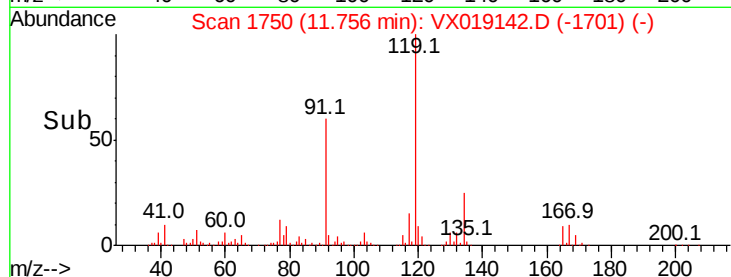
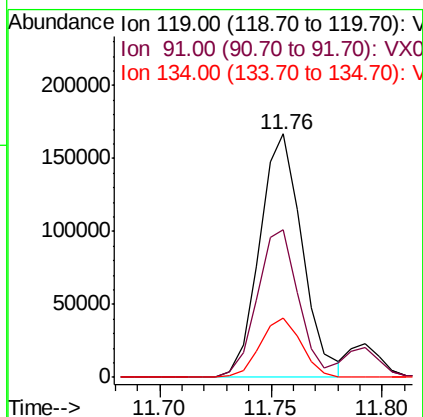
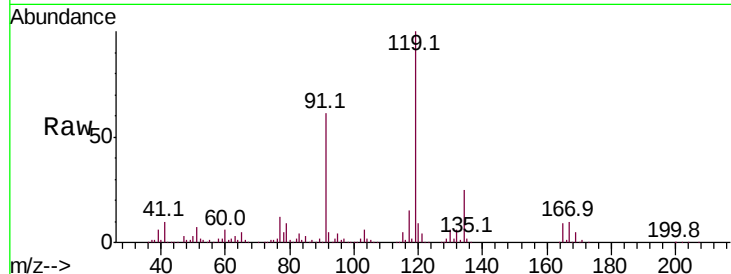




#83
tert-Butylbenzene
Concen: 19.022 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

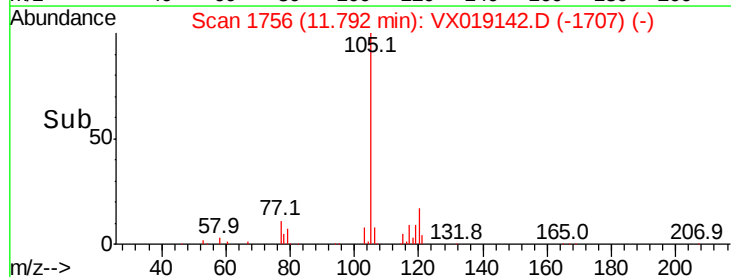
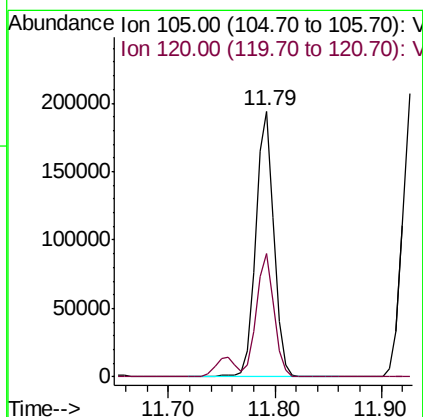
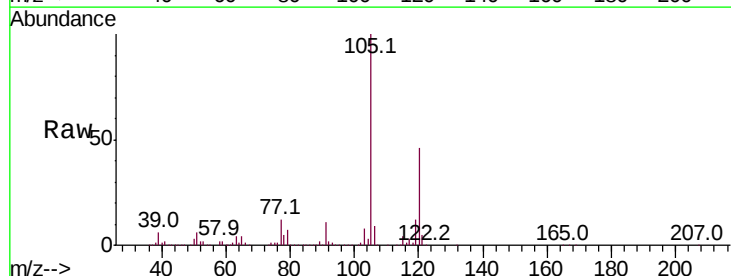
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

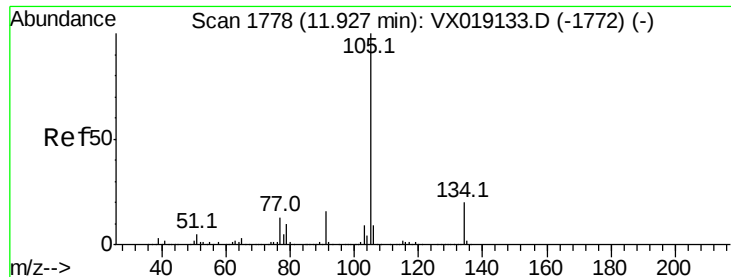
Tot Ion:119 Resp: 221914
Ion Ratio Lower Upper
119 100
91 58.7 29.0 87.1
134 23.5 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 18.725 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion:105 Resp: 230331
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.010 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

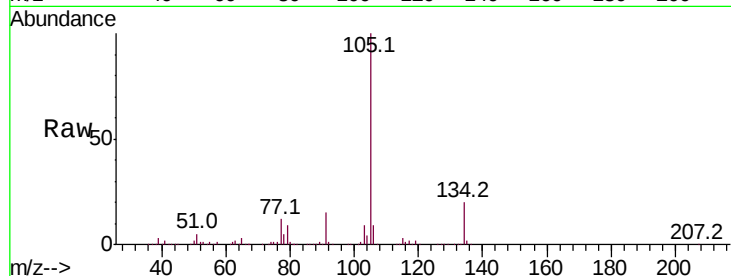
VX1027WBS01

Tot Ion:105 Resp: 265988

Ion Ratio Lower Upper

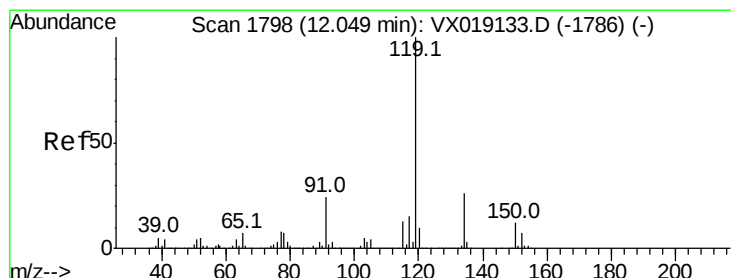
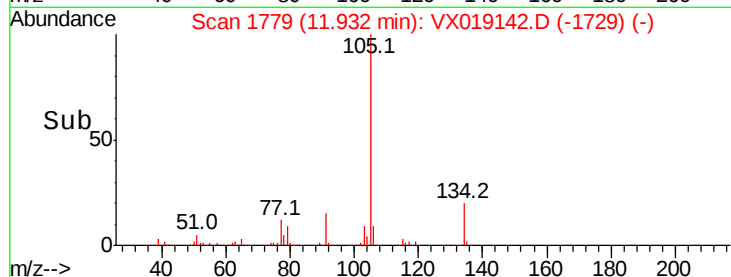
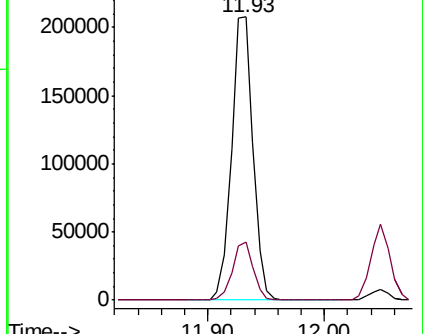
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.991 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

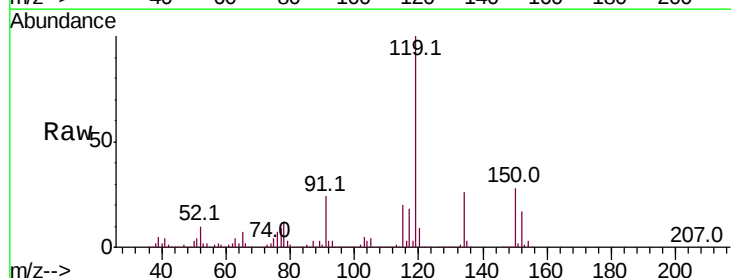
Tgt Ion:119 Resp: 245262

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

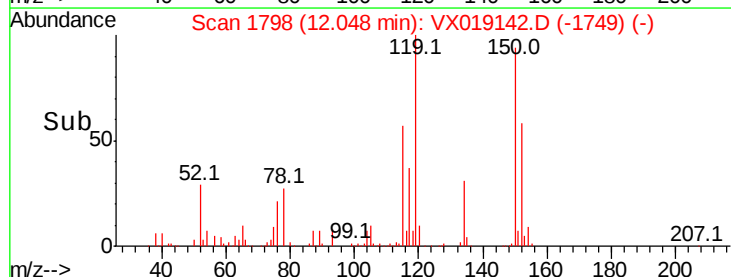
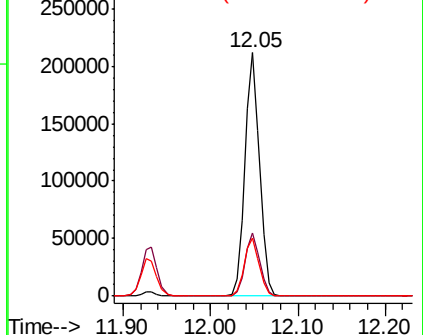
91 24.4 12.0 36.0

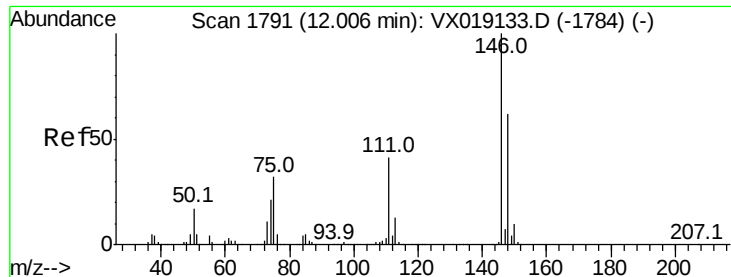


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

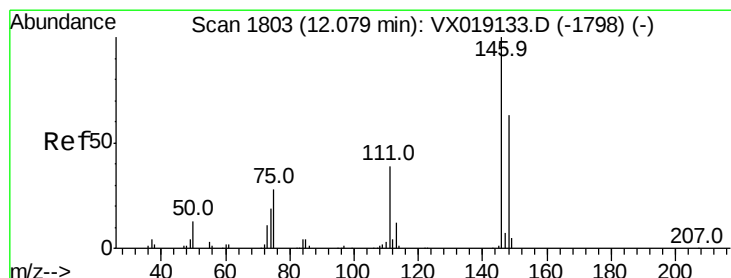
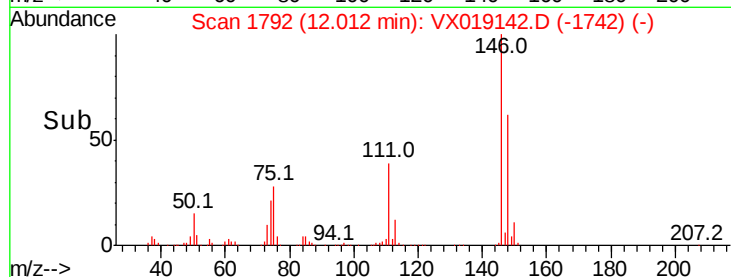
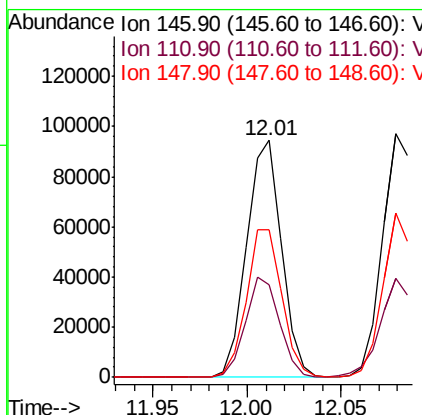
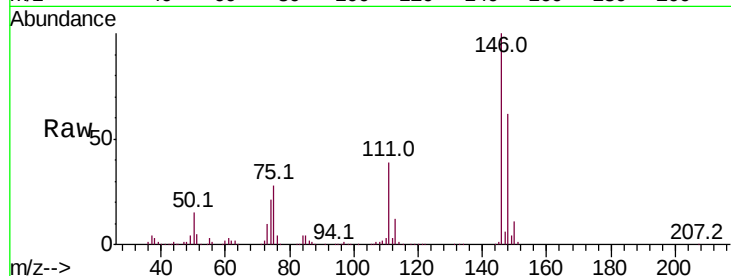




#87
 1,3-Dichlorobenzene
 Concen: 18.195 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

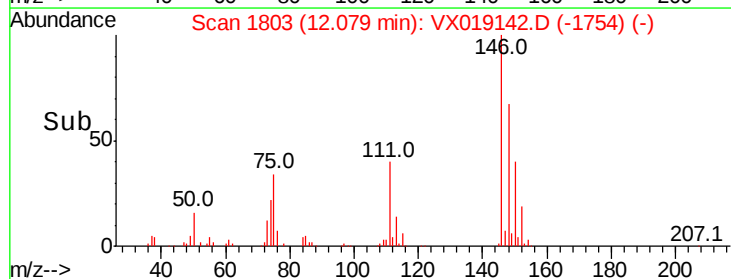
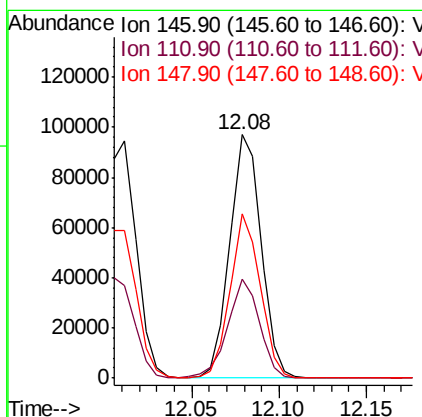
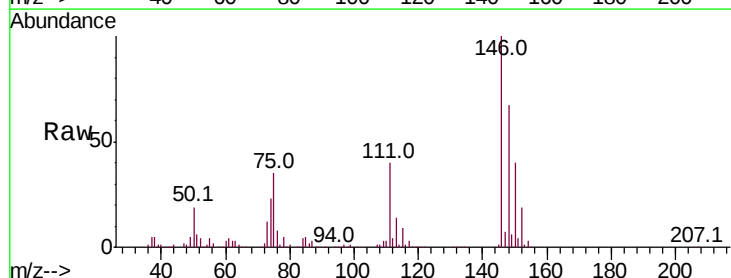
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

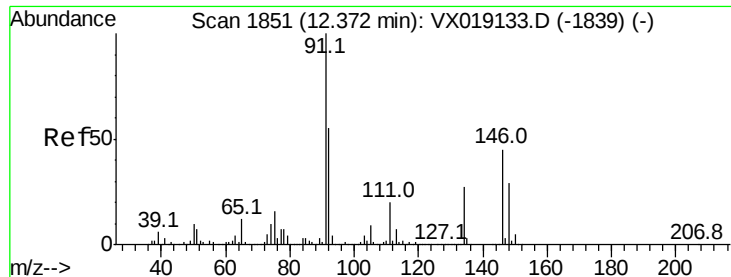
Tot Ion:146 Resp: 121287
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.4 61.2
 148 63.6 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 17.481 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Tgt Ion:146 Resp: 121300
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.2 60.5
 148 64.7 31.3 93.8

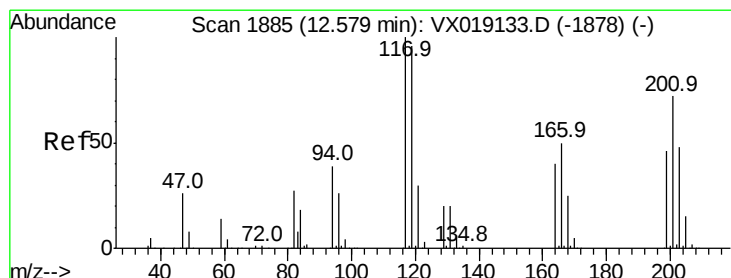
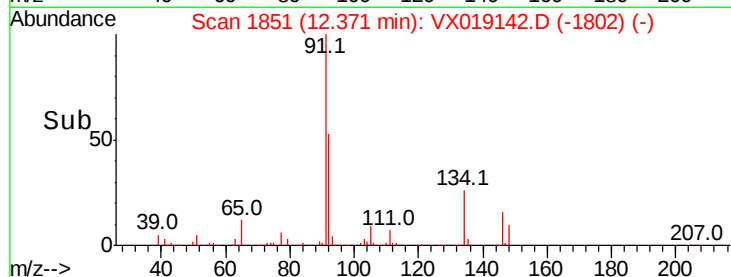
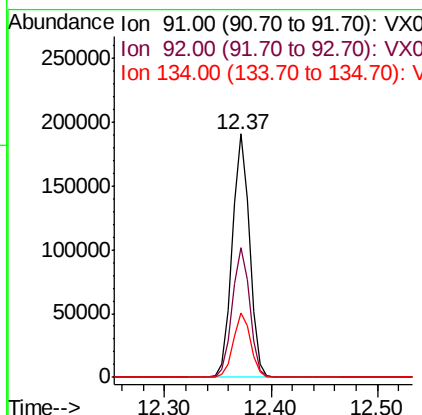
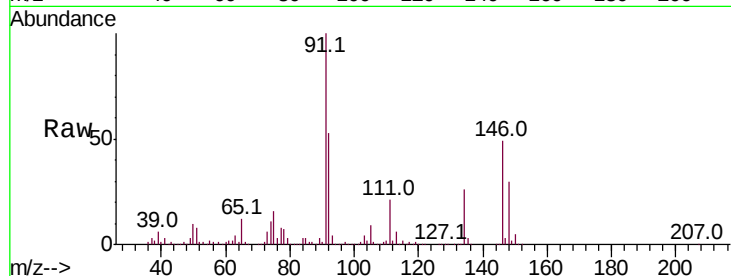




#89
n-Butylbenzene
Concen: 18.034 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

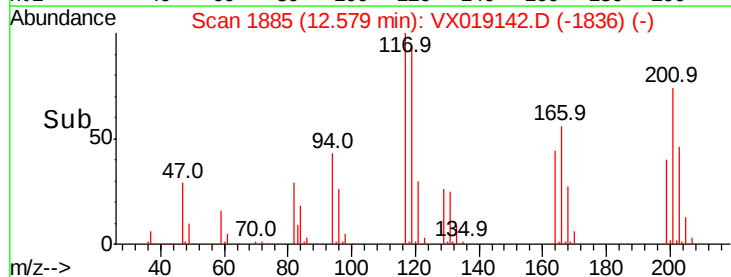
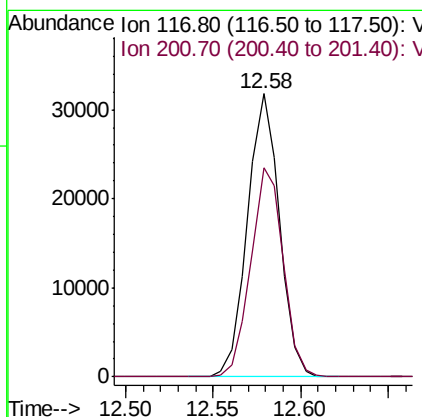
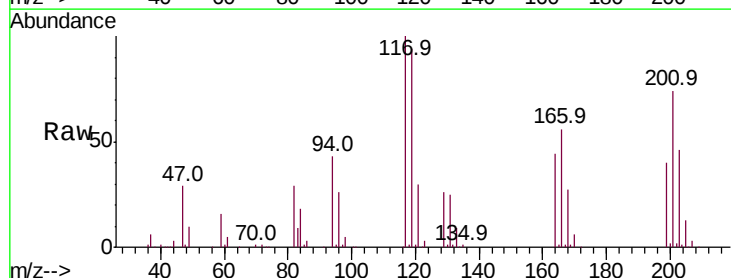
Instrument :
MSVOA_X
ClientSampled :
VX1027WBS01

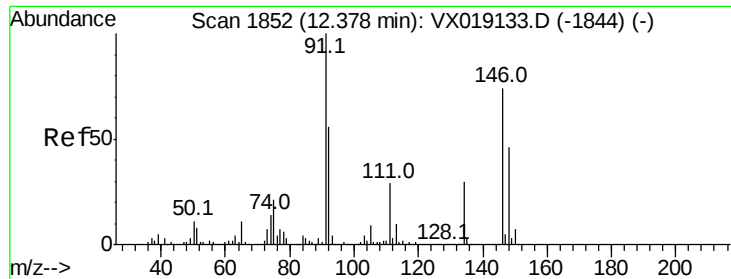
Tot Ion: 91 Resp: 218925
Ion Ratio Lower Upper
91 100
92 54.0 27.5 82.4
134 26.4 13.2 39.6



#90
Hexachloroethane
Concen: 18.460 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion: 117 Resp: 40522
Ion Ratio Lower Upper
117 100
201 75.4 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 18.741 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

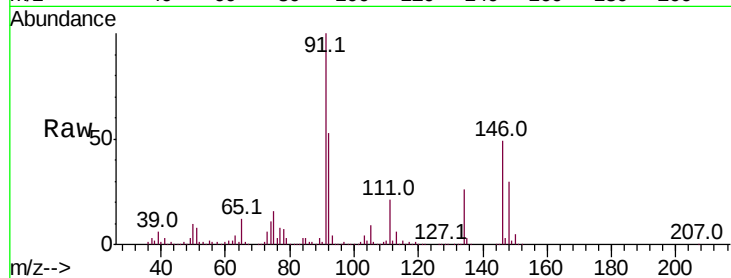
Tot Ion:146 Resp: 119958

Ion Ratio Lower Upper

146 100

111 42.2 21.2 63.6

148 63.0 31.6 94.7

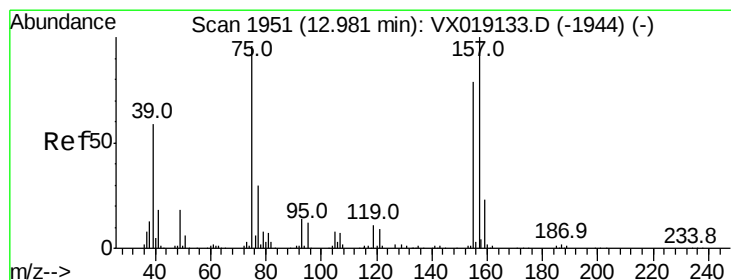
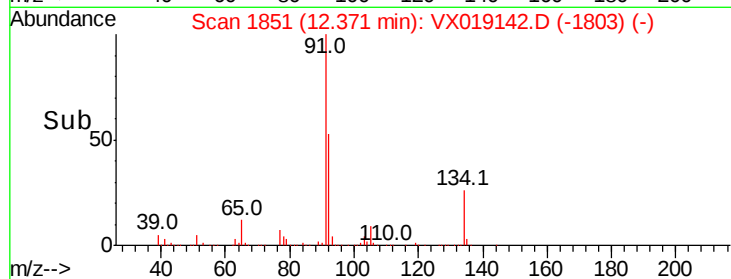
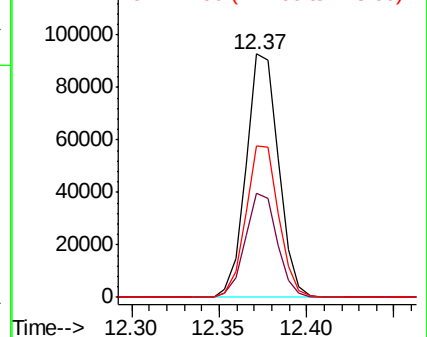


Abundance

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: 17.952 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

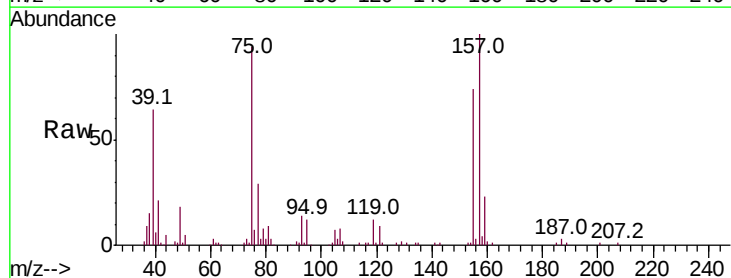
Tgt Ion: 75 Resp: 19809

Ion Ratio Lower Upper

75 100

155 83.3 42.8 128.4

157 107.6 54.8 164.4

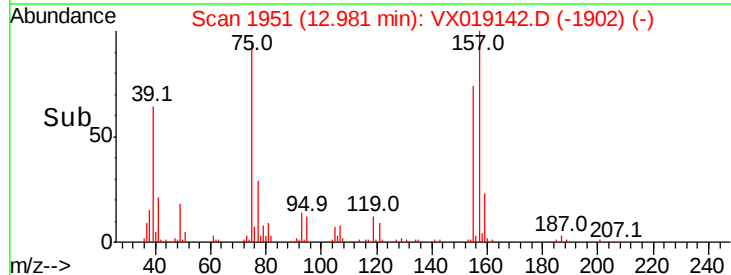
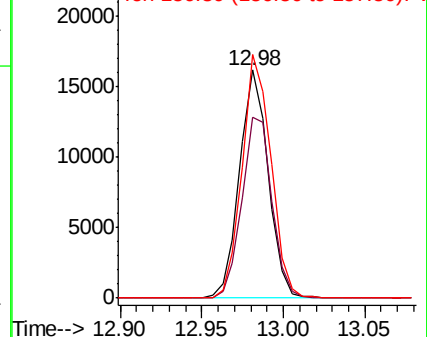


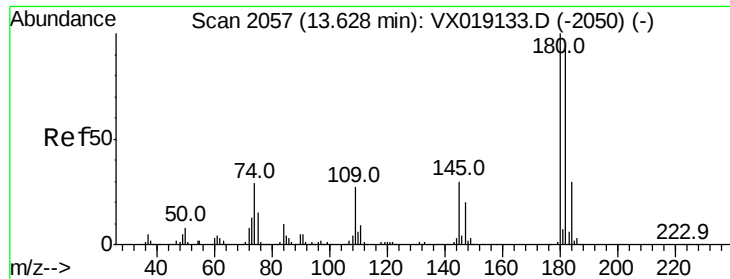
Abundance

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

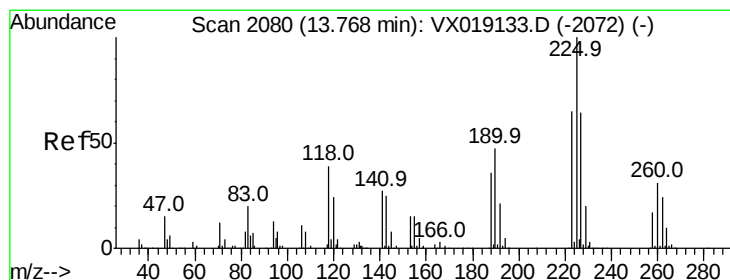
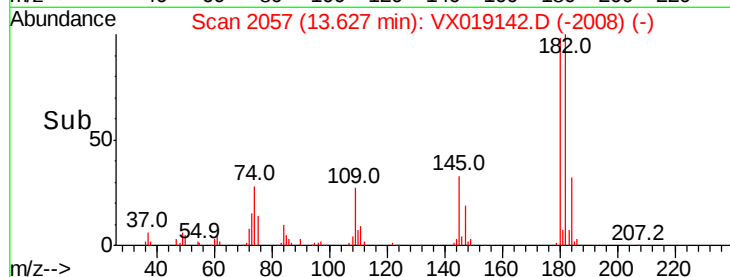
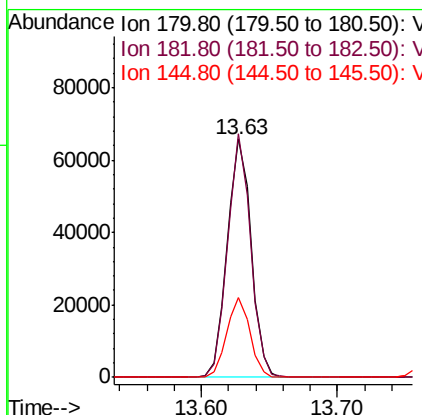
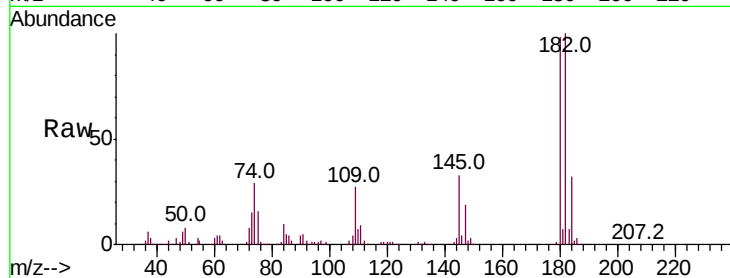




#93
1,2,4-Trichlorobenzene
Concen: 16.716 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

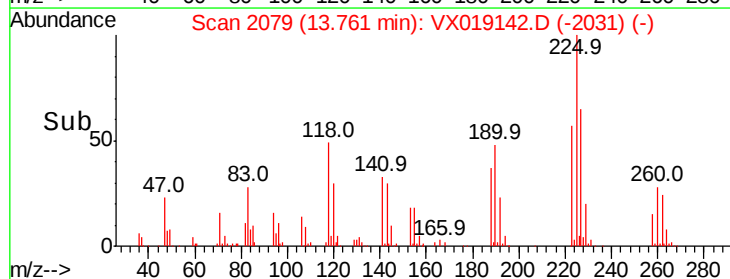
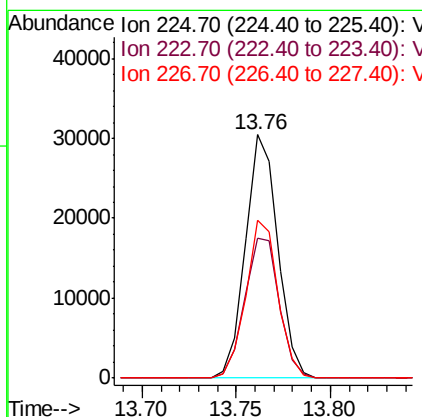
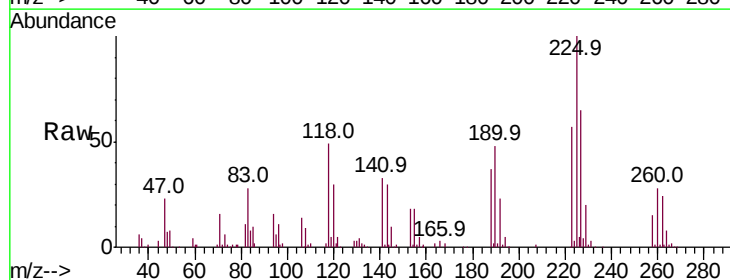
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

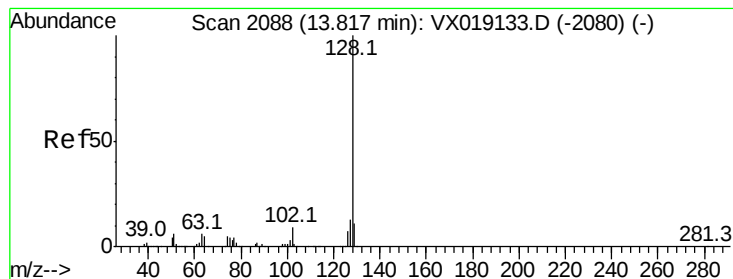
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	46.8	140.3
145	32.4	15.5	46.5



#94
Hexachlorobutadiene
Concen: 17.137 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	32.4	97.2
227	64.3	31.6	94.7





#95

Naphthalene

Concen: 17.507 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

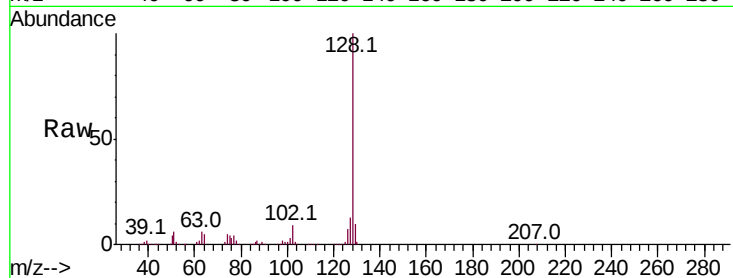
Tot Ion:128 Resp: 265094

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

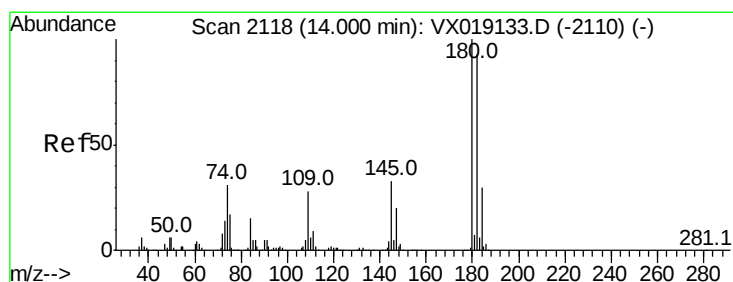
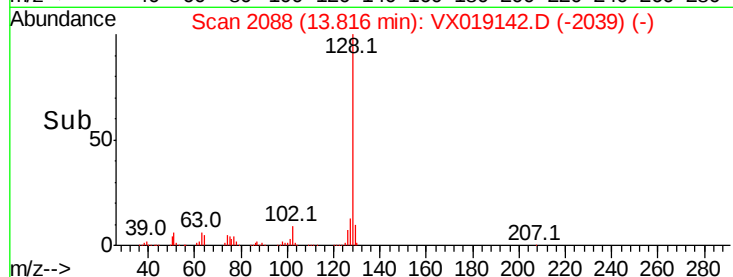
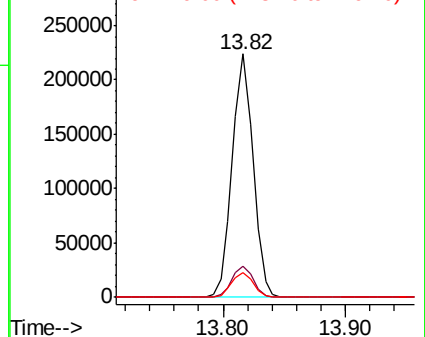
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.210 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

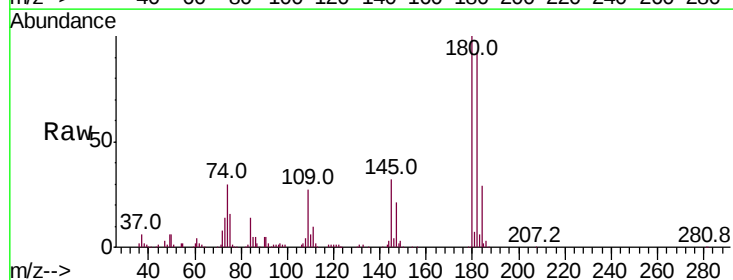
Tgt Ion:180 Resp: 80270

Ion Ratio Lower Upper

180 100

182 95.1 47.8 143.3

145 32.8 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

