

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019094.D
 Acq On : 23 Oct 2020 23:13
 Operator : JC/SP
 Sample : VX1023WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

Quant Time: Oct 26 05:37:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	216408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	369702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	337241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168693	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	127349	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	5.46	113	110895	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	8.70	98	423792	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.12	95	147829	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	41737	19.362	ug/l	99
3) Chloromethane	1.31	50	38319	17.879	ug/l	100
4) Vinyl Chloride	1.39	62	47976	18.971	ug/l	99
5) Bromomethane	1.64	94	46167	16.249	ug/l	97
6) Chloroethane	1.72	64	32038	16.573	ug/l	97
7) Trichlorofluoromethane	1.92	101	80346	18.800	ug/l	97
8) Diethyl Ether	2.17	74	31176	18.630	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39087	19.306	ug/l	100
10) Methyl Iodide	2.50	142	34174	15.598	ug/l	99
11) Tert butyl alcohol	3.02	59	47712	90.878	ug/l	97
12) 1,1-Dichloroethene	2.36	96	39522	18.763	ug/l	99
13) Acrolein	2.28	56	19448	106.506	ug/l	97
14) Allyl chloride	2.71	41	49655	18.223	ug/l	98
15) Acrylonitrile	3.12	53	94892	93.468	ug/l	100
16) Acetone	2.42	43	79564	90.113	ug/l	99
17) Carbon Disulfide	2.55	76	102548	16.881	ug/l	99
18) Methyl Acetate	2.75	43	42966	19.610	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	126303	18.930	ug/l	99
20) Methylene Chloride	2.84	84	46168	18.782	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	44954	18.290	ug/l	99
22) Diisopropyl ether	3.82	45	100562	18.715	ug/l	99
23) Vinyl Acetate	3.78	43	477479	93.584	ug/l	100
24) 1,1-Dichloroethane	3.67	63	74588	19.061	ug/l	99
25) 2-Butanone	4.64	43	130340	93.426	ug/l	98
26) 2,2-Dichloropropane	4.55	77	61009	16.886	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	52613	18.862	ug/l	98
28) Bromochloromethane	4.98	49	30304	18.238	ug/l	98
29) Tetrahydrofuran	5.09	42	75052	90.005	ug/l	99
30) Chloroform	5.18	83	82839	19.499	ug/l	97
31) Cyclohexane	5.55	56	55412	18.254	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	73629	19.109	ug/l	98
36) 1,1-Dichloropropene	5.77	75	59582	17.961	ug/l	100
37) Ethyl Acetate	4.79	43	51599	18.224	ug/l	98
38) Carbon Tetrachloride	5.76	117	62189	17.861	ug/l	95

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 VX1023WBS02

Quant Time: Oct 26 05:37:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	64834	17.445	ug/l	98
40) Benzene	6.11	78	182437	18.673	ug/l	100
41) Methacrylonitrile	5.00	41	27266	17.927	ug/l	99
42) 1,2-Dichloroethane	6.16	62	64071	19.216	ug/l	100
43) Isopropyl Acetate	6.41	43	86261	17.989	ug/l	99
44) Trichloroethene	7.18	130	52380	18.384	ug/l	98
45) 1,2-Dichloropropane	7.49	63	43460	18.545	ug/l	98
46) Dibromomethane	7.63	93	32909	18.437	ug/l	99
47) Bromodichloromethane	7.87	83	63662	18.191	ug/l	98
48) Methyl methacrylate	7.74	41	41366	17.508	ug/l	99
49) 1,4-Dioxane	7.73	88	19206	359.764	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	263296	93.181	ug/l	100
52) Toluene	8.76	92	120245	18.634	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	68403	17.308	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	73595	17.634	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	48193	18.320	ug/l	99
56) Ethyl methacrylate	9.16	69	68249	18.033	ug/l	97
57) 1,3-Dichloropropane	9.35	76	78823	18.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	176466	88.761	ug/l	100
59) 2-Hexanone	9.47	43	194648	92.438	ug/l	99
60) Dibromochloromethane	9.57	129	50626	17.657	ug/l	100
61) 1,2-Dibromoethane	9.65	107	50796	18.047	ug/l	99
64) Tetrachloroethene	9.32	164	48244	18.789	ug/l	93
65) Chlorobenzene	10.12	112	128606	18.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	47061	18.712	ug/l	100
67) Ethyl Benzene	10.23	91	226886	18.607	ug/l	98
68) m/p-Xylenes	10.34	106	171222	36.657	ug/l	98
69) o-Xylene	10.68	106	82398	18.432	ug/l	99
70) Styrene	10.70	104	137877	18.166	ug/l	100
71) Bromoform	10.84	173	34432	16.959	ug/l #	99
73) Isopropylbenzene	11.00	105	226284	18.647	ug/l	99
74) N-amyl acetate	10.88	43	70496	18.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	69622	19.044	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	77821	23.081	ug/l	85
77) Bromobenzene	11.24	156	54559	17.802	ug/l	99
78) n-propylbenzene	11.34	91	250375	18.208	ug/l	99
79) 2-Chlorotoluene	11.40	91	145644	18.155	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	181431	18.105	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	20744	15.675	ug/l	95
82) 4-Chlorotoluene	11.49	91	173648	18.192	ug/l	99
83) tert-Butylbenzene	11.76	119	180145	18.248	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	186029	18.539	ug/l	100
85) sec-Butylbenzene	11.93	105	215870	18.070	ug/l	99
86) p-Isopropyltoluene	12.05	119	201174	18.430	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	100976	17.961	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	102215	17.716	ug/l	99
89) n-Butylbenzene	12.37	91	175043	17.519	ug/l	99
90) Hexachloroethane	12.58	117	28975	17.339	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	98154	18.725	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15119	18.162	ug/l	95

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Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration

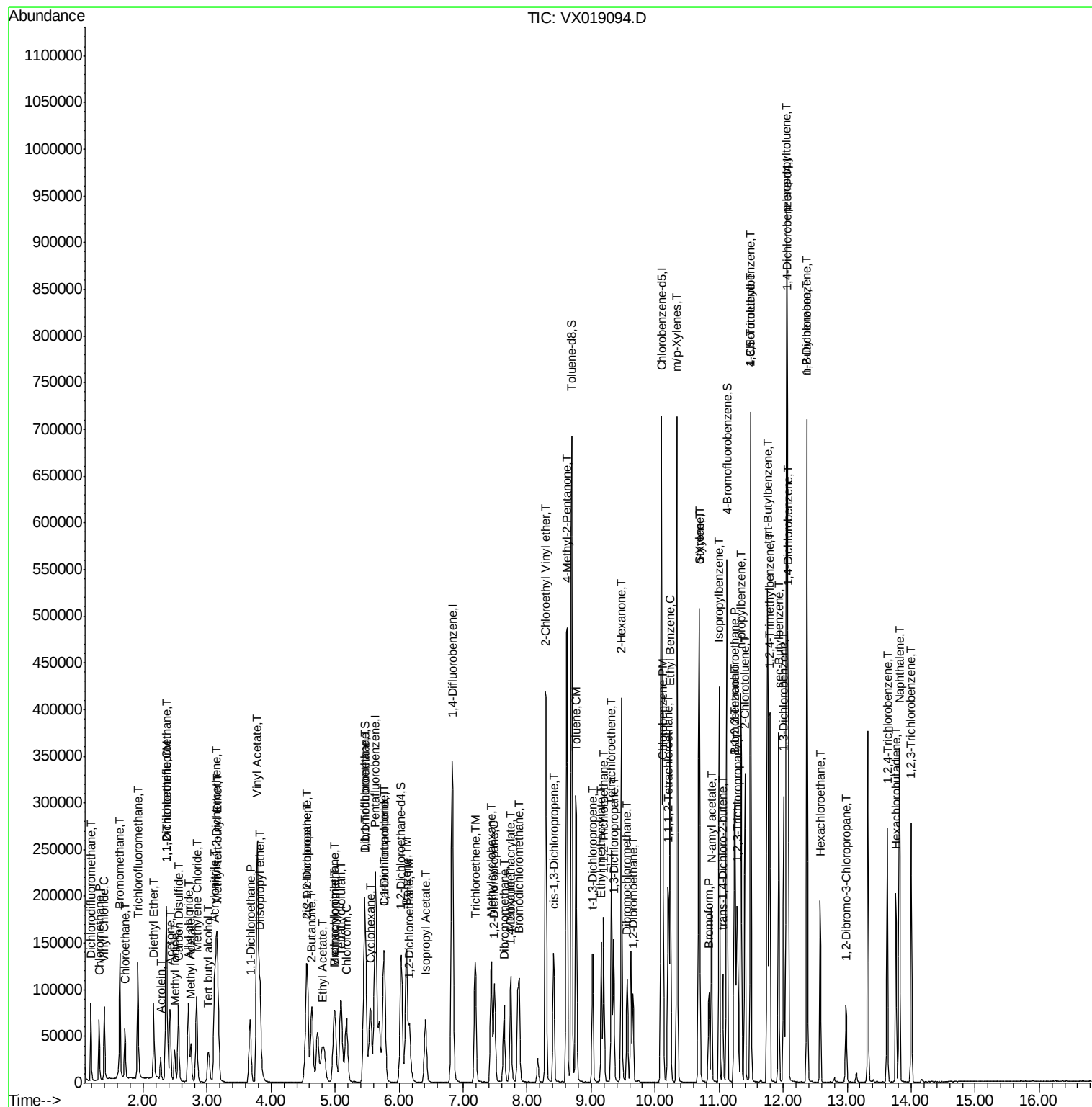
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	67788	17.676	ug/l	99
94) Hexachlorobutadiene	13.76	225	28640	16.109	ug/l	95
95) Naphthalene	13.82	128	222831	18.467	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	66033	17.690	ug/l	98

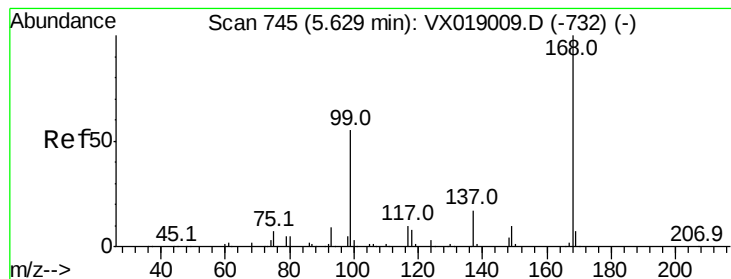
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102320\
Data File : VX019094.D
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Misc : 5.0mL/MSVOA X/WATER
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Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

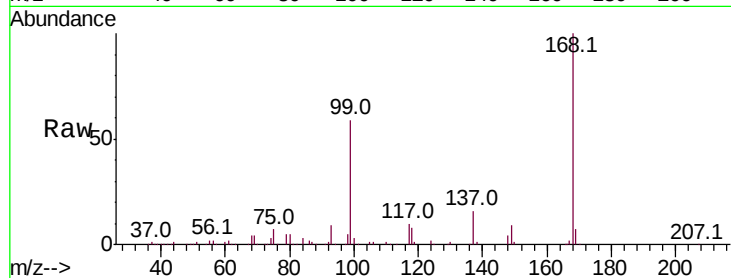
VX1023WBS02

Tot Ion:168 Resp: 216408

Ion Ratio Lower Upper

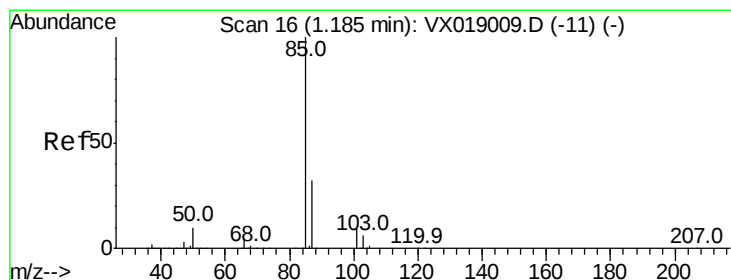
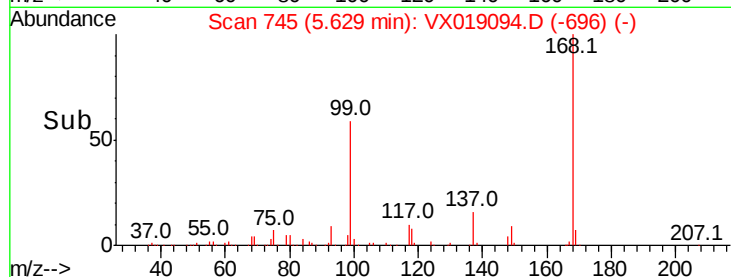
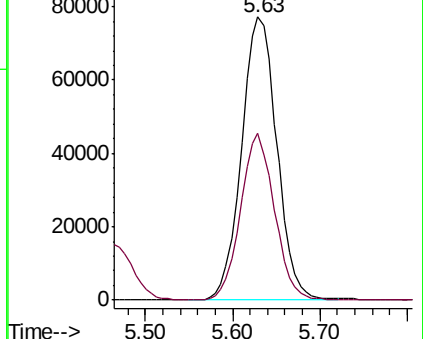
168 100

99 58.7 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.362 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019094.D

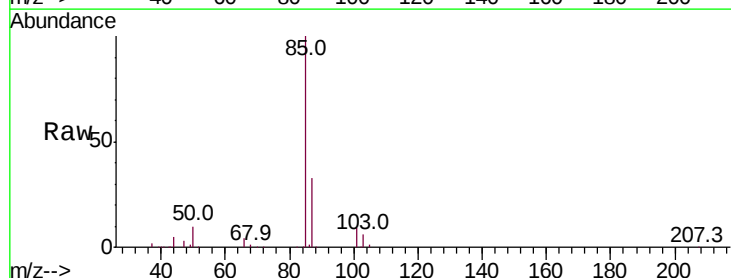
Acq: 23 Oct 2020 23:13

Tgt Ion: 85 Resp: 41737

Ion Ratio Lower Upper

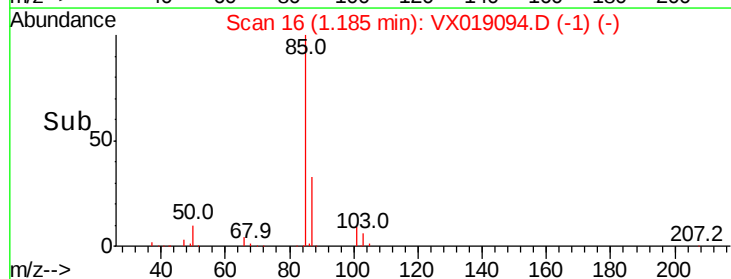
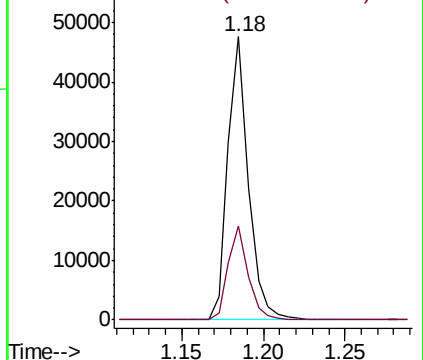
85 100

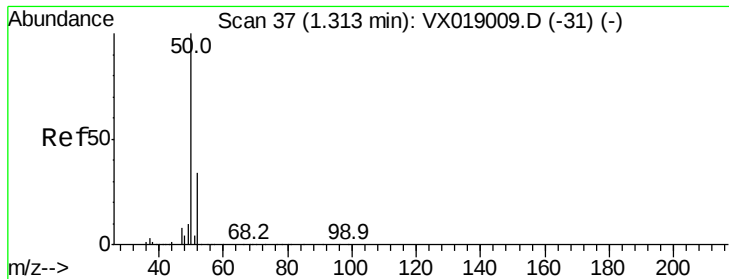
87 33.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.879 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

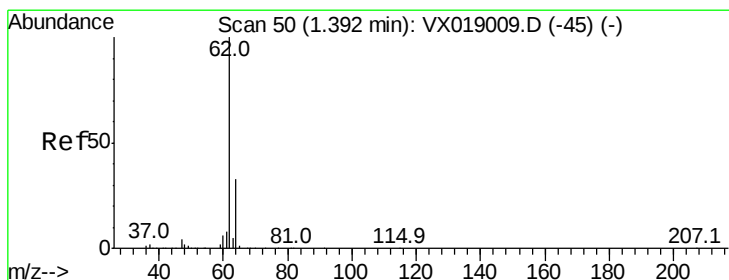
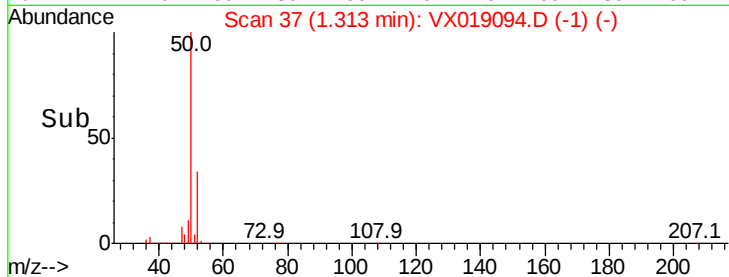
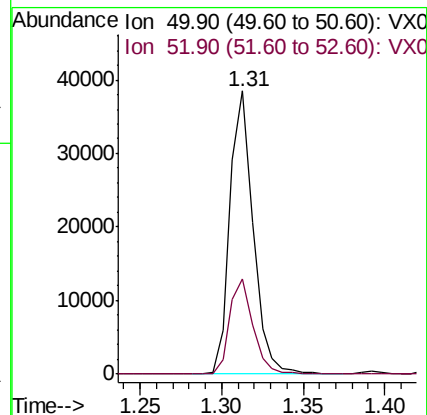
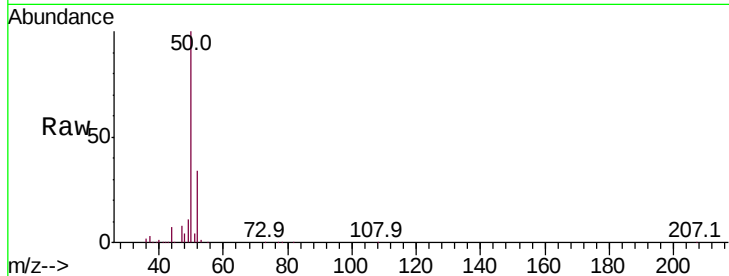
VX1023WBS02

Tot Ion: 50 Resp: 38319

Ion Ratio Lower Upper

50 100

52 33.7 27.0 40.6



#4

Vinyl Chloride

Concen: 18.971 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019094.D

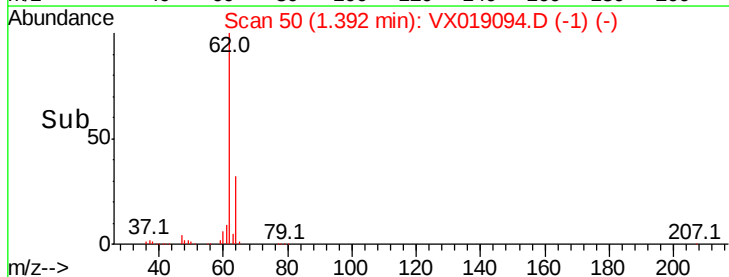
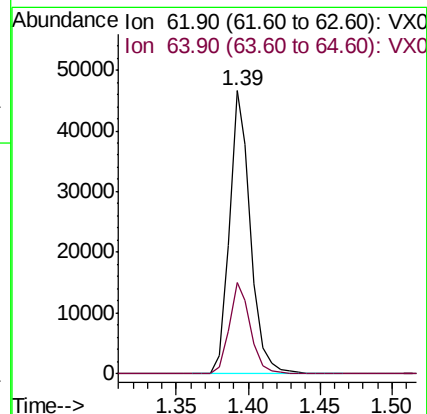
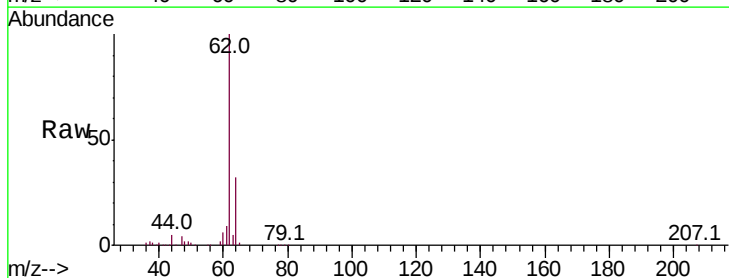
Acq: 23 Oct 2020 23:13

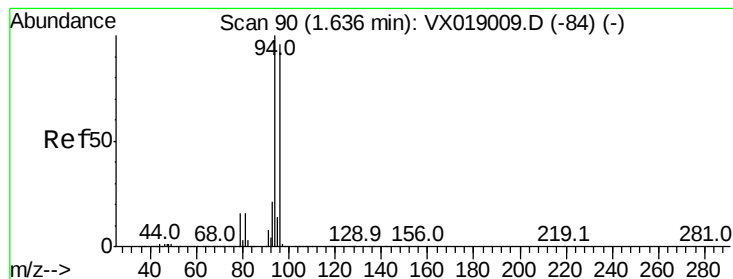
Tgt Ion: 62 Resp: 47976

Ion Ratio Lower Upper

62 100

64 32.4 26.5 39.7





#5

Bromomethane

Concen: 16.249 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

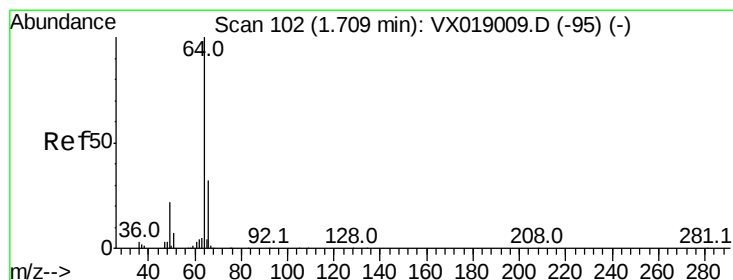
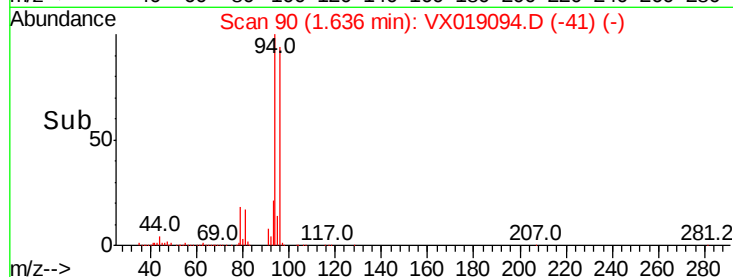
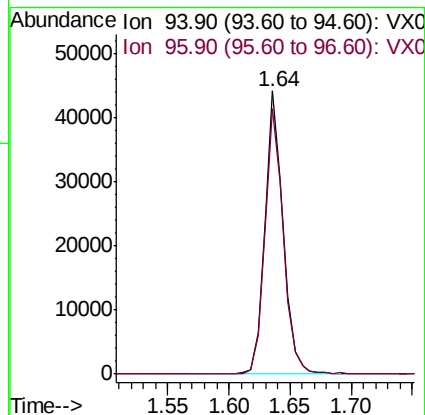
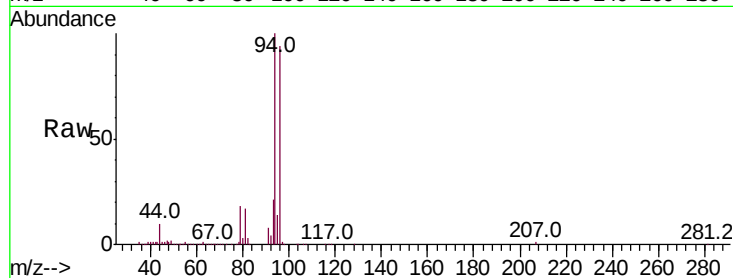
VX1023WBS02

Tot Ion: 94 Resp: 46167

Ion Ratio Lower Upper

94 100

96 93.4 77.1 115.7



#6

Chloroethane

Concen: 16.573 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019094.D

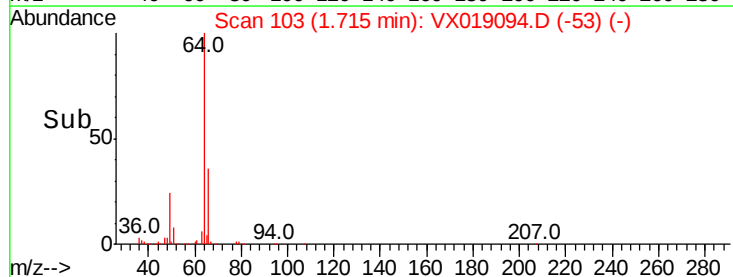
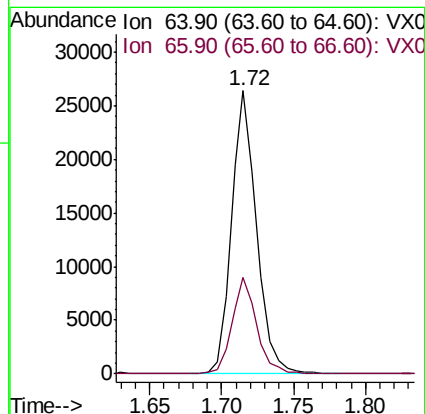
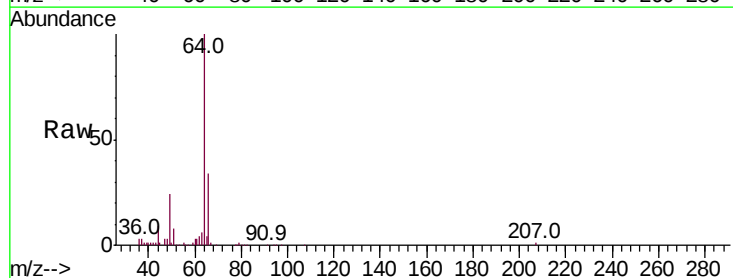
Acq: 23 Oct 2020 23:13

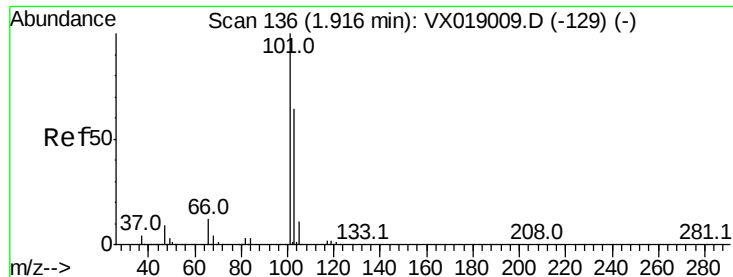
Tgt Ion: 64 Resp: 32038

Ion Ratio Lower Upper

64 100

66 34.0 25.7 38.5



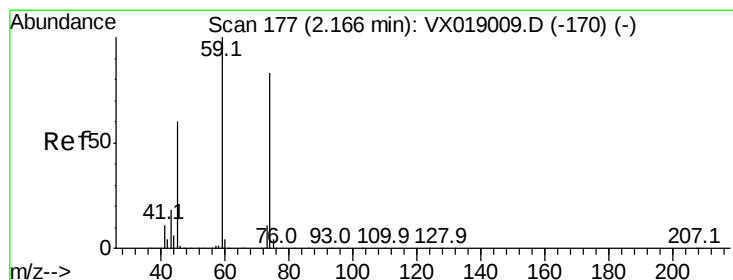
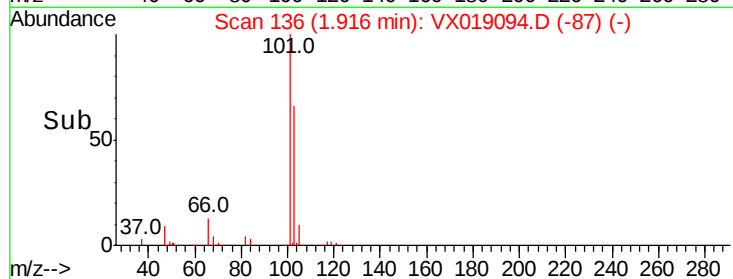
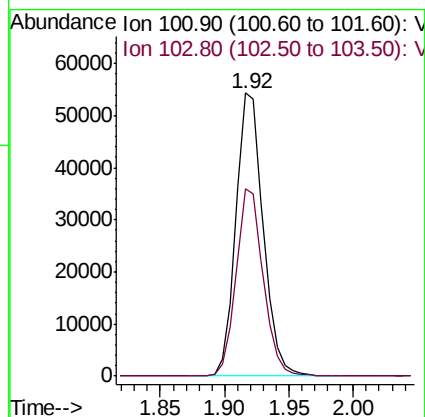
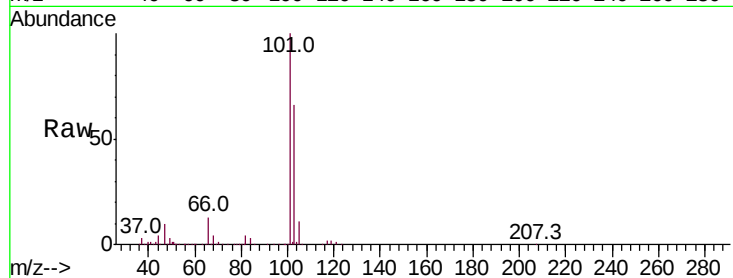


#7

Trichlorofluoromethane
 Concen: 18.800 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Instrument :
 MSVOA_X
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 VX1023WBS02

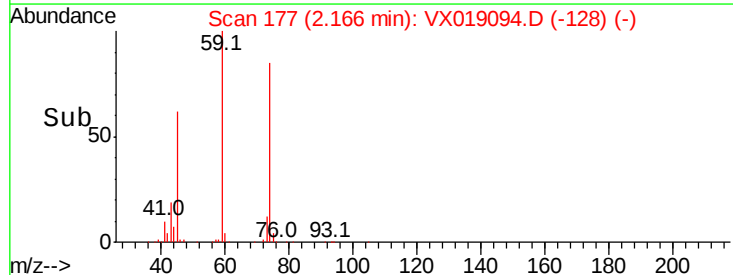
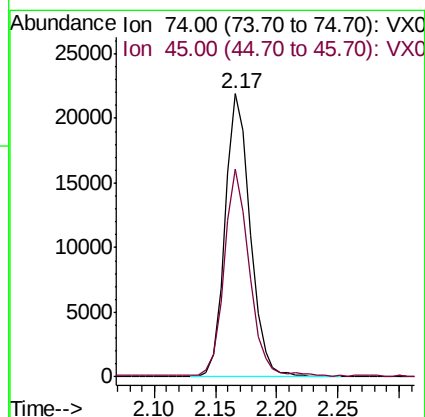
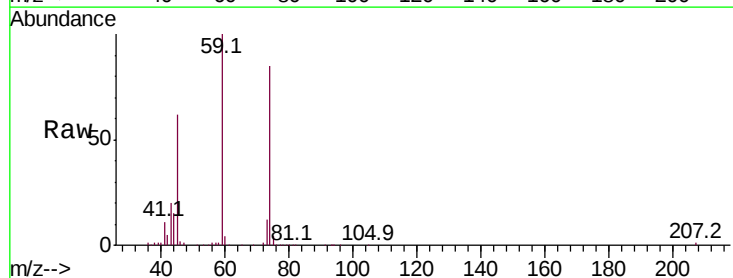
Tot Ion:101 Resp: 80346
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.2 76.8

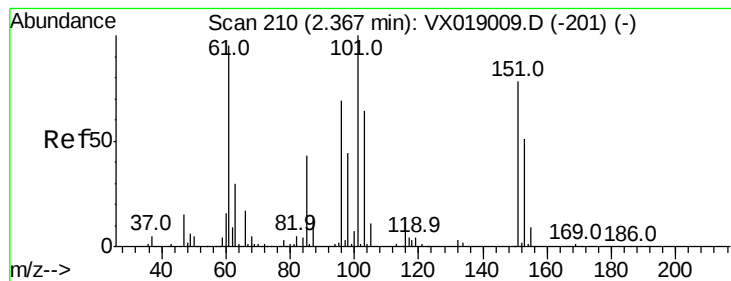


#8

Diethyl Ether
 Concen: 18.630 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion: 74 Resp: 31176
 Ion Ratio Lower Upper
 74 100
 45 72.7 36.8 110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.306 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

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ClientSampleId :

VX1023WBS02

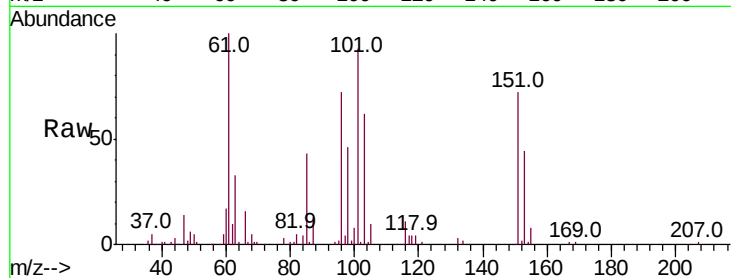
Tot Ion:101 Resp: 39087

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

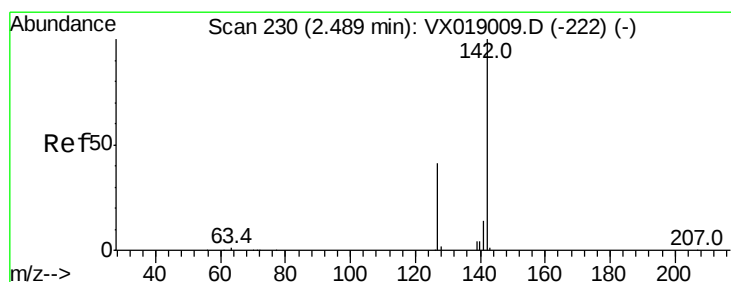
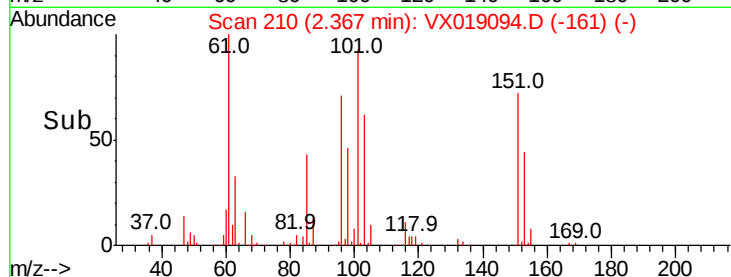
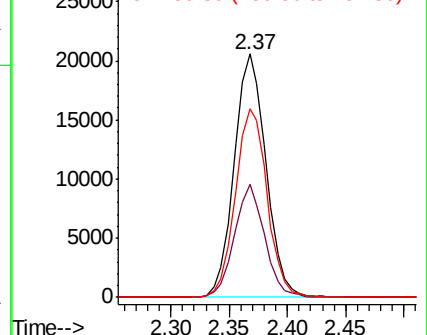
151 77.3 62.4 93.6



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: 15.598 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

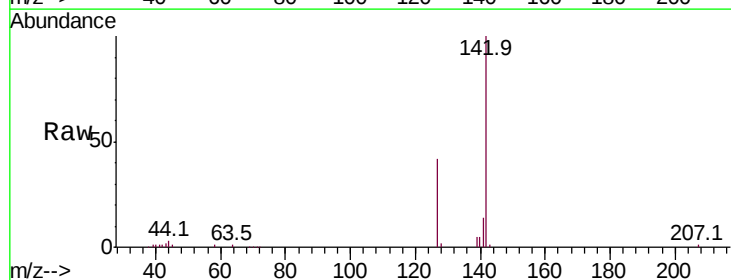
Tgt Ion:142 Resp: 34174

Ion Ratio Lower Upper

142 100

127 42.7 33.6 50.4

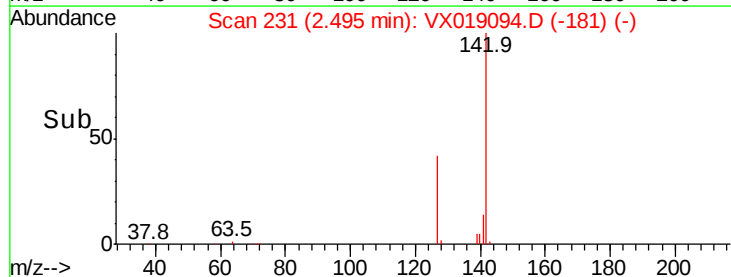
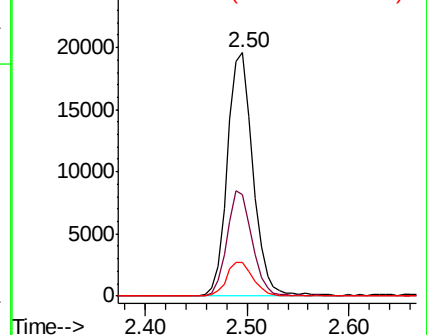
141 14.1 11.2 16.8

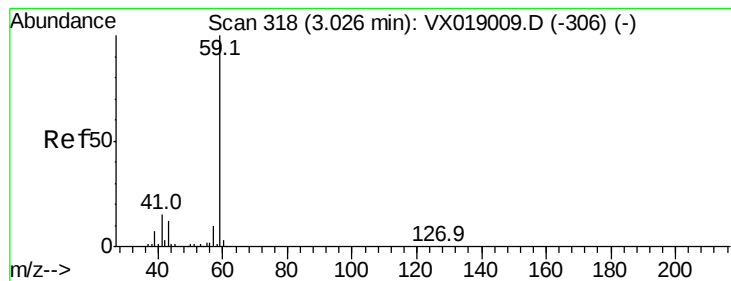


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



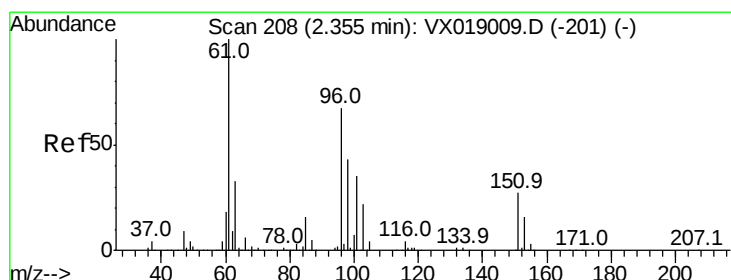
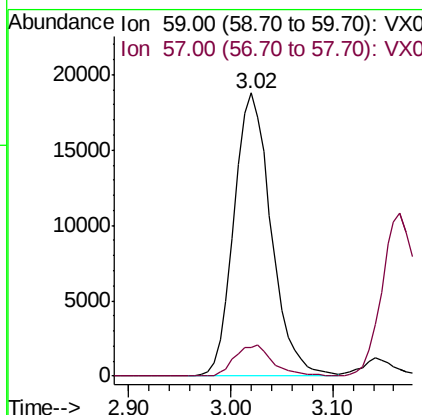
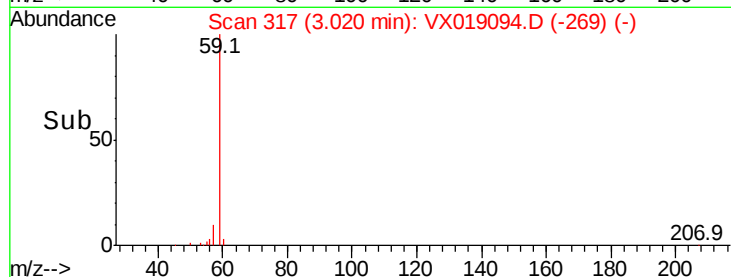
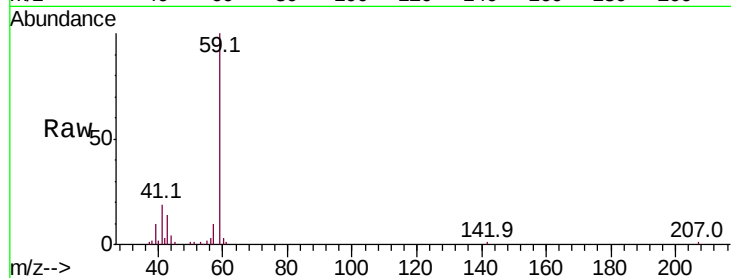


#11

Tert butyl alcohol
 Concen: 90.878 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.01 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

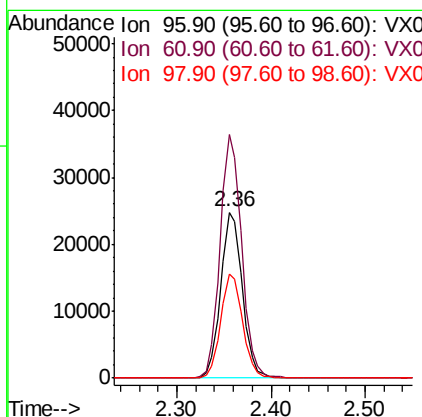
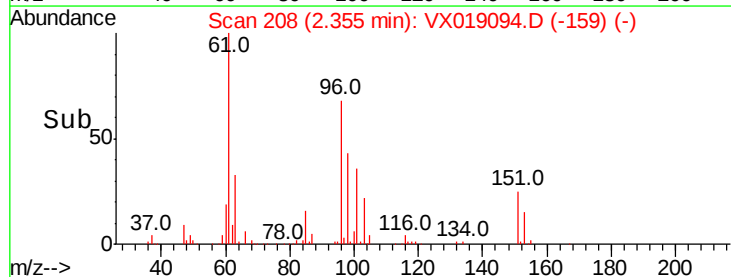
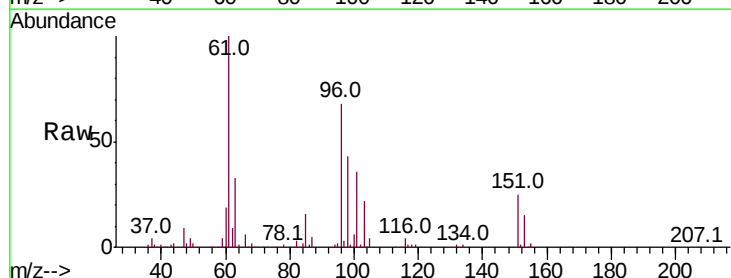
Tot Ion: 59 Resp: 47712
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.2 12.2

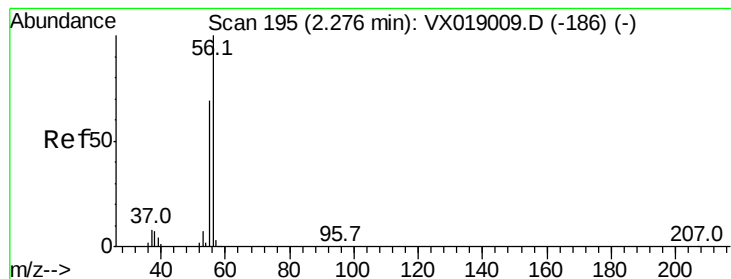


#12

1,1-Dichloroethene
 Concen: 18.763 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion: 96 Resp: 39522
 Ion Ratio Lower Upper
 96 100
 61 146.9 119.0 178.6
 98 62.9 51.0 76.4





#13

Acrolein

Concen: 106.506 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

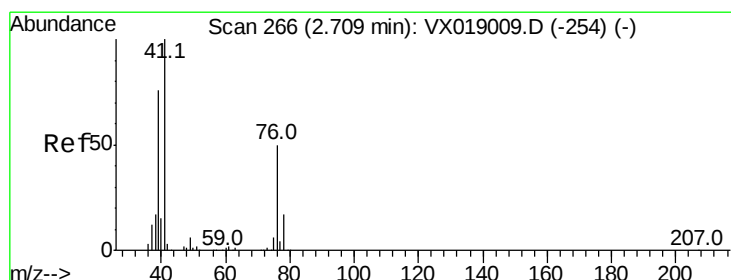
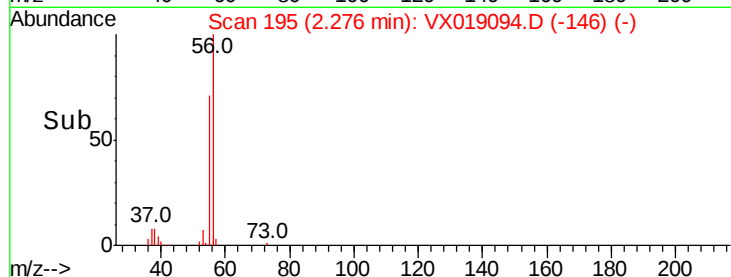
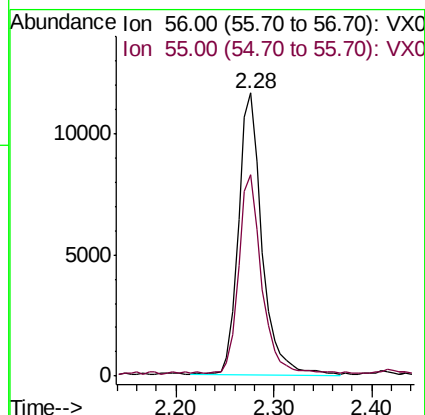
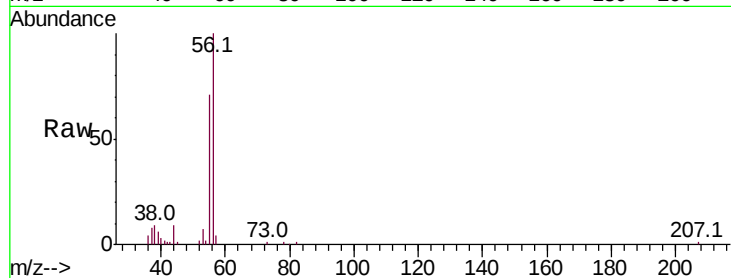
VX1023WBS02

Tot Ion: 56 Resp: 19448

Ion Ratio Lower Upper

56 100

55 70.0 54.2 81.4



#14

Allyl chloride

Concen: 18.223 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

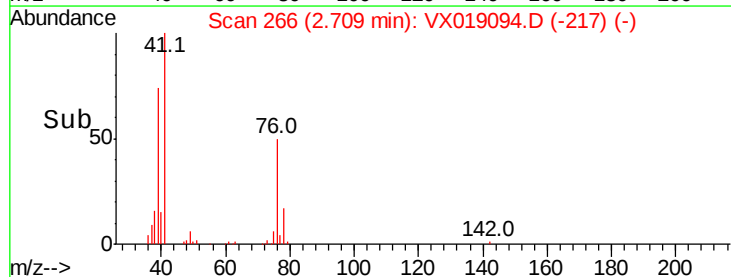
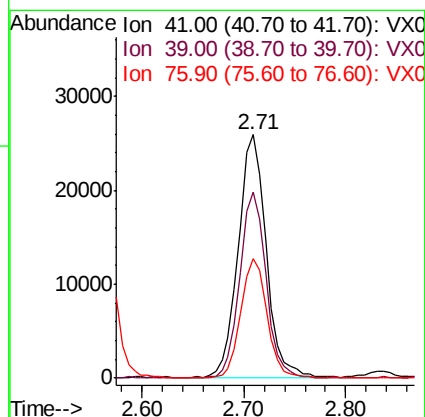
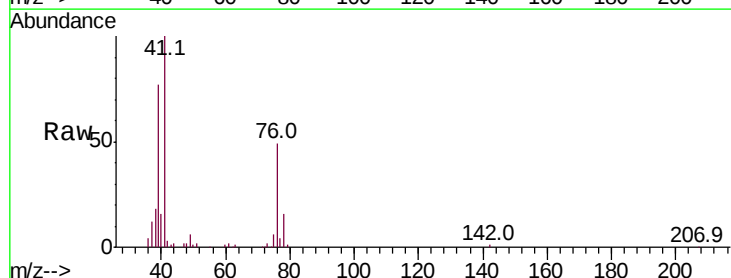
Tgt Ion: 41 Resp: 49655

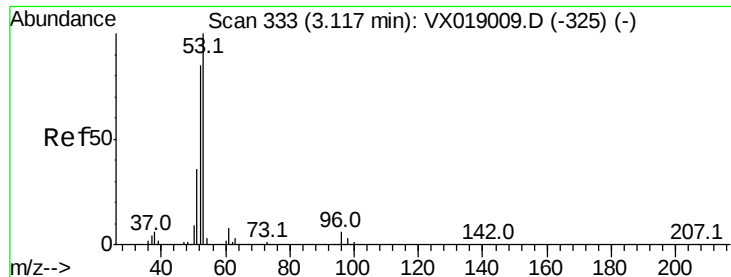
Ion Ratio Lower Upper

41 100

39 70.5 57.4 86.0

76 45.5 37.7 56.5





#15

Acrylonitrile

Concen: 93.468 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

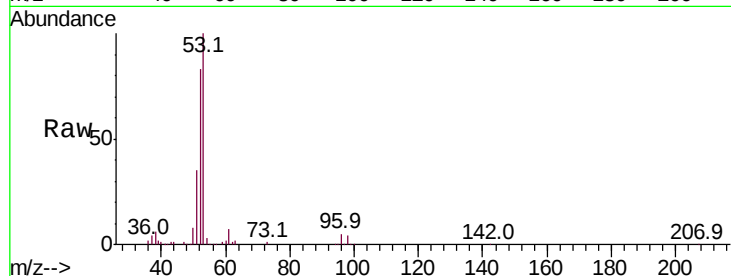
Tot Ion: 53 Resp: 94892

Ion Ratio Lower Upper

53 100

52 82.2 65.9 98.9

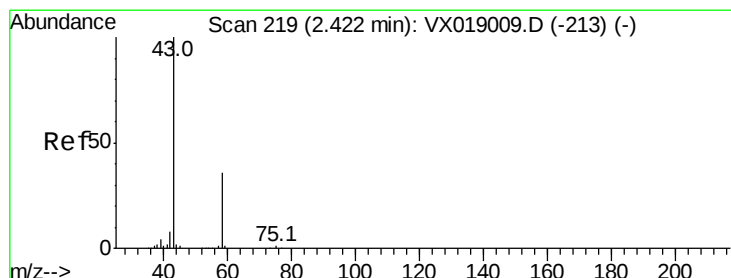
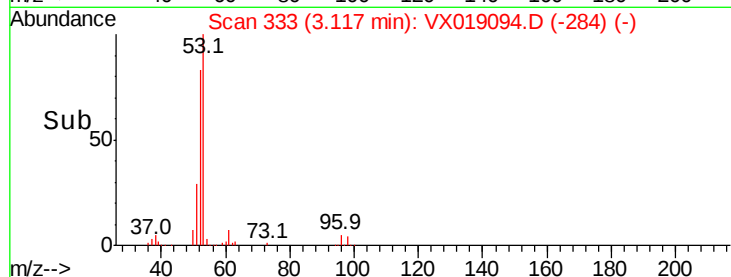
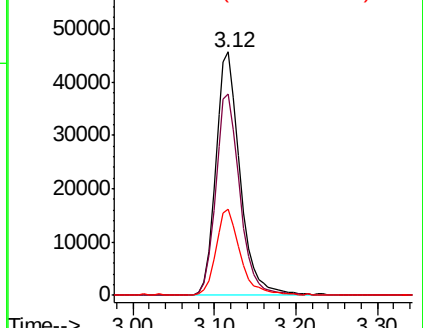
51 35.5 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 90.113 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019094.D

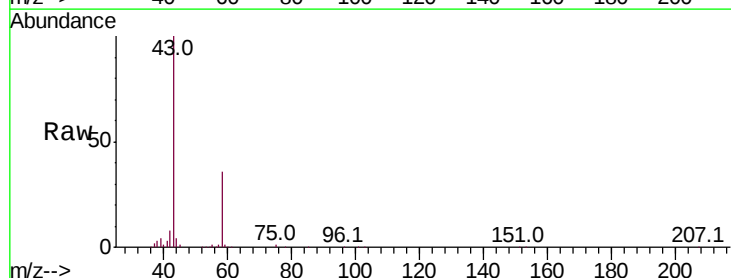
Acq: 23 Oct 2020 23:13

Tgt Ion: 43 Resp: 79564

Ion Ratio Lower Upper

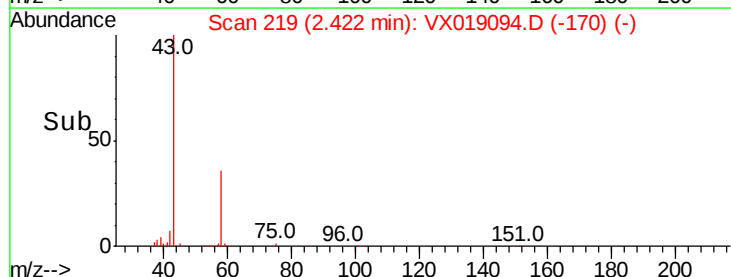
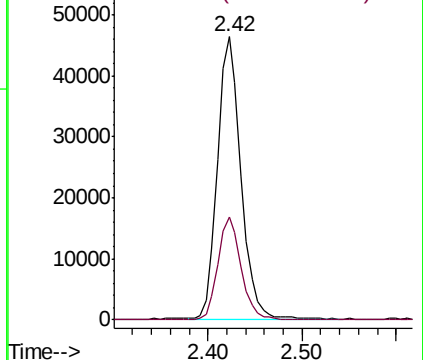
43 100

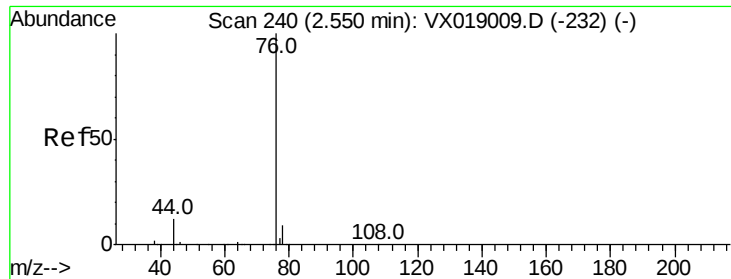
58 36.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

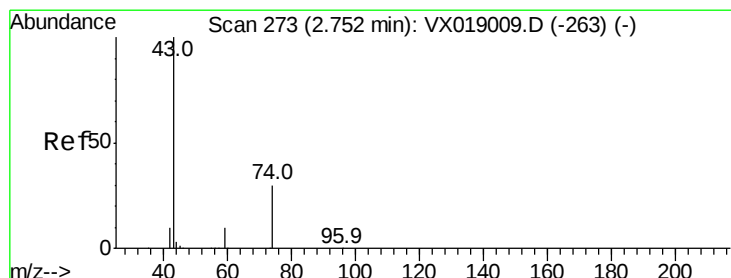
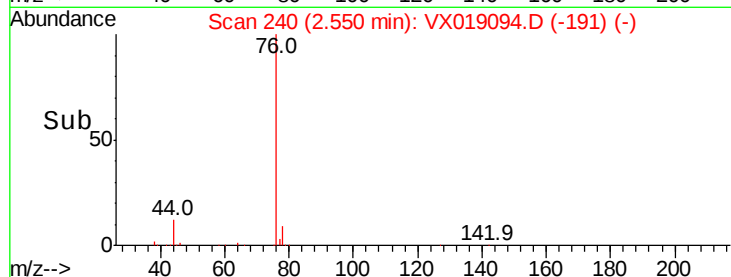
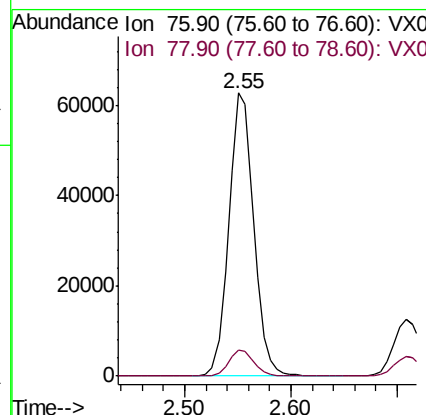
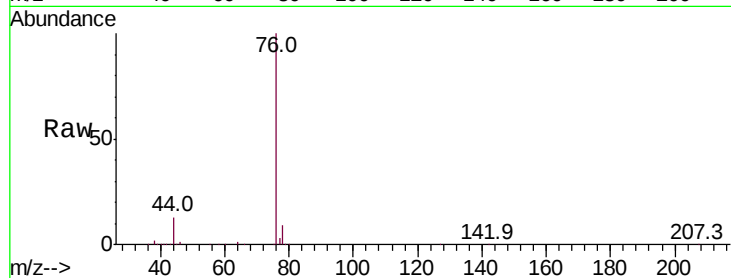




#17
Carbon Disulfide
Concen: 16.881 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

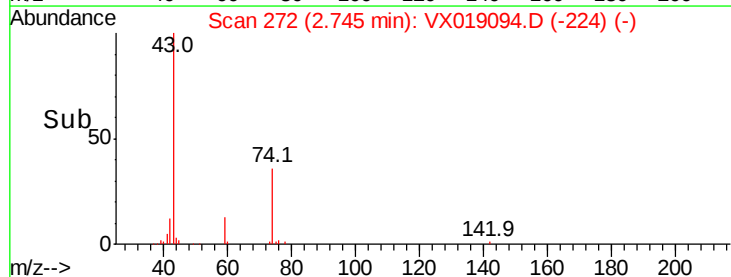
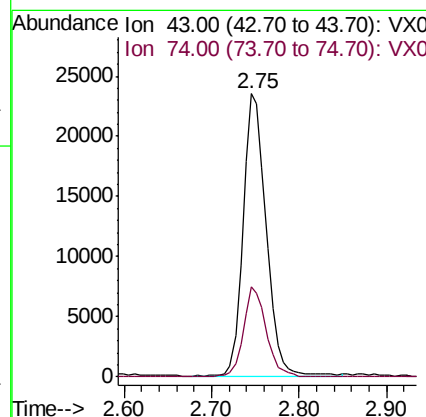
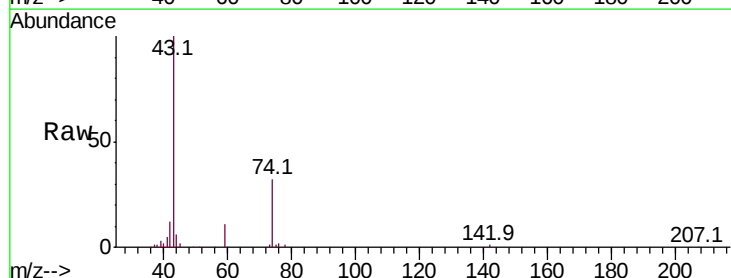
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

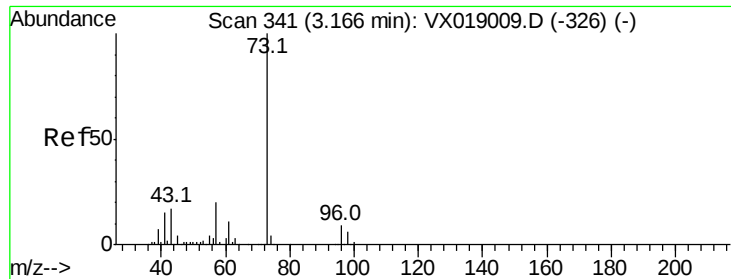
Tot Ion: 76 Resp: 102548
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 19.610 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion: 43 Resp: 42966
Ion Ratio Lower Upper
43 100
74 31.6 24.9 37.3





#19

Methyl tert-butyl Ether

Concen: 18.930 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

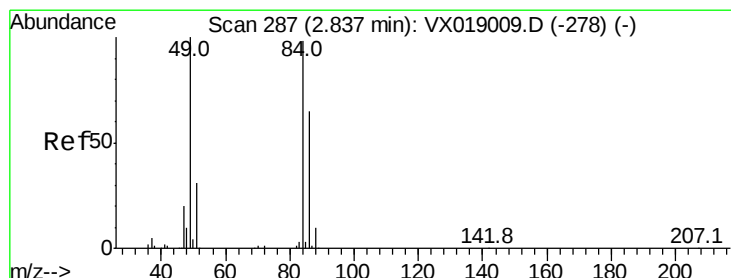
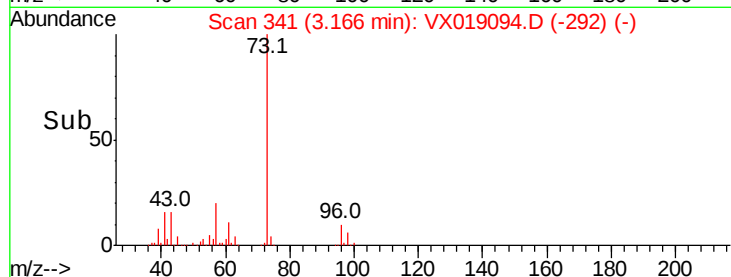
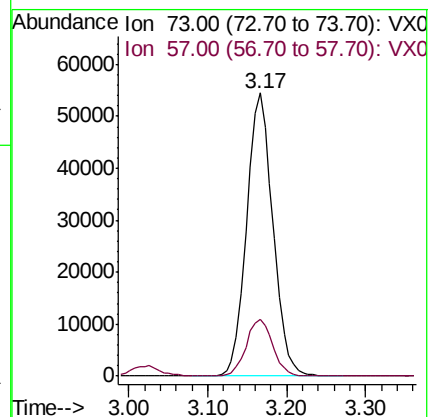
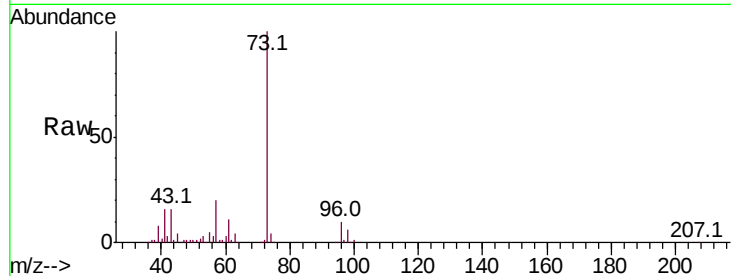
VX1023WBS02

Tot Ion: 73 Resp: 126303

Ion Ratio Lower Upper

73 100

57 19.9 16.2 24.2



#20

Methylene Chloride

Concen: 18.782 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Tgt Ion: 84 Resp: 46168

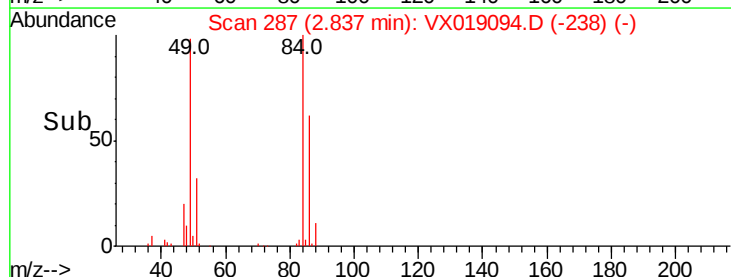
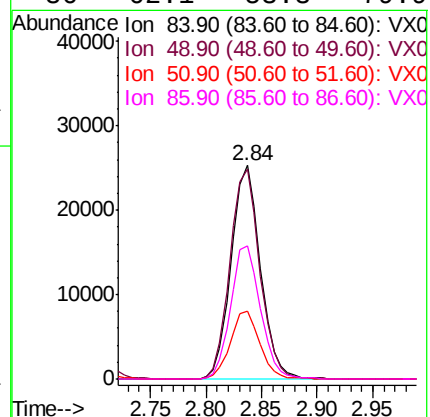
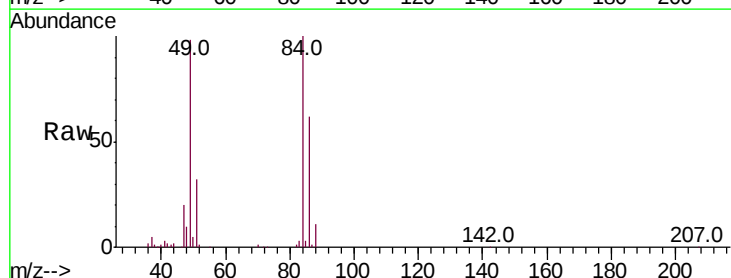
Ion Ratio Lower Upper

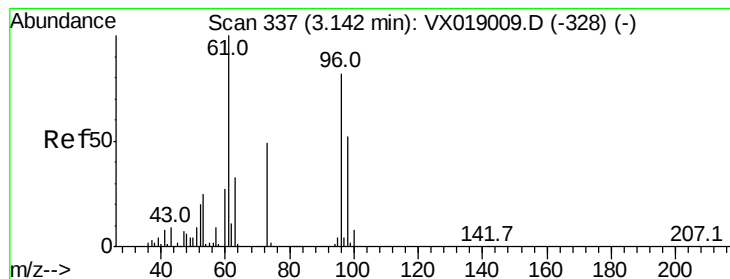
84 100

49 98.2 81.6 122.4

51 31.5 25.6 38.4

86 62.1 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 18.290 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

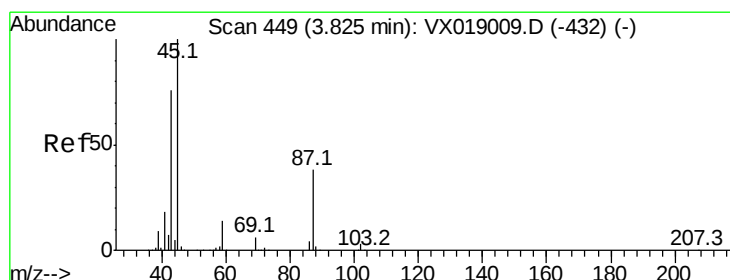
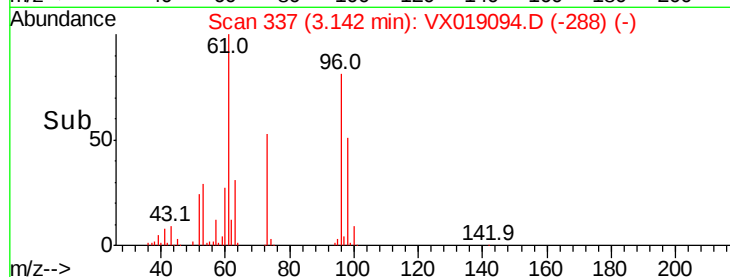
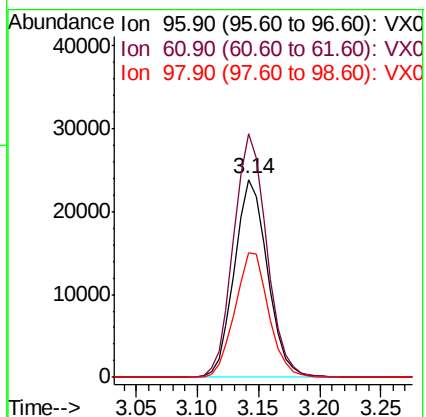
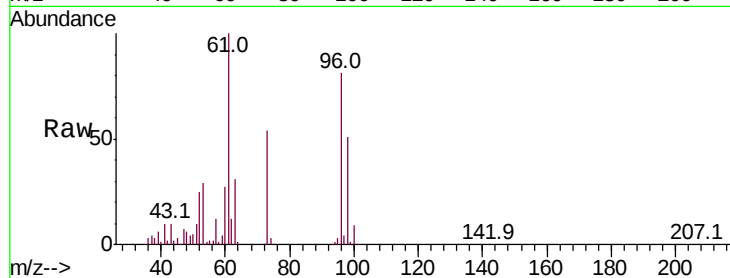
Tot Ion: 96 Resp: 44954

Ion Ratio Lower Upper

96 100

61 123.1 97.8 146.6

98 62.7 50.7 76.1



#22

Diisopropyl ether

Concen: 18.715 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Tgt Ion: 45 Resp: 100562

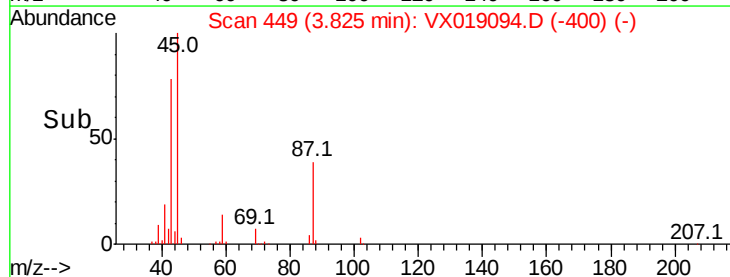
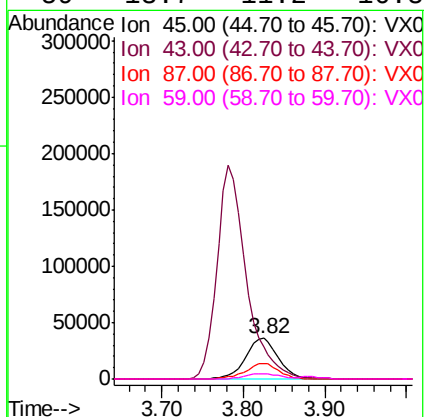
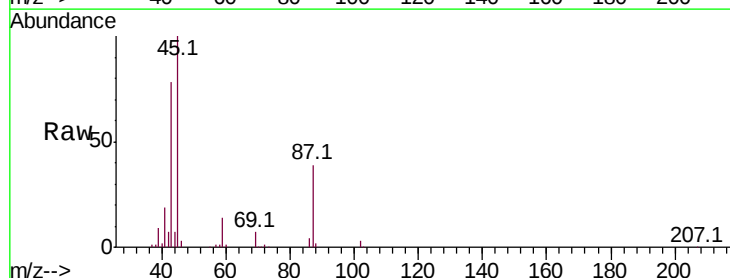
Ion Ratio Lower Upper

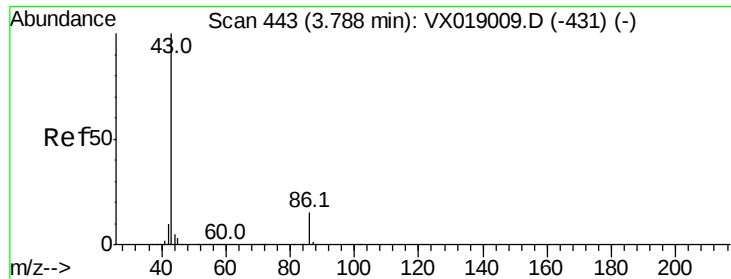
45 100

43 76.8 60.4 90.6

87 39.0 30.4 45.6

59 13.7 11.2 16.8





#23

Vinyl Acetate

Concen: 93.584 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampled :

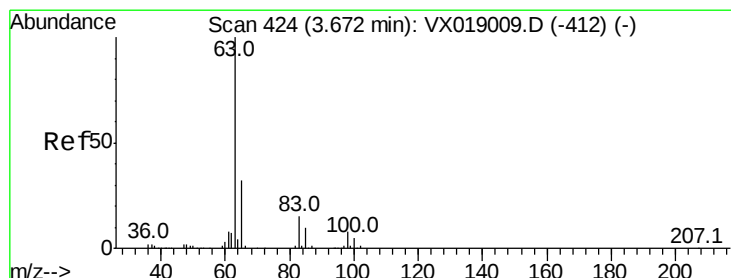
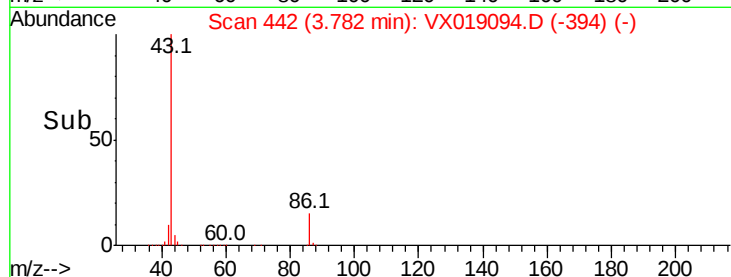
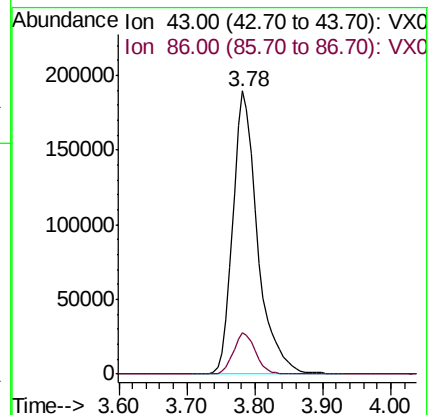
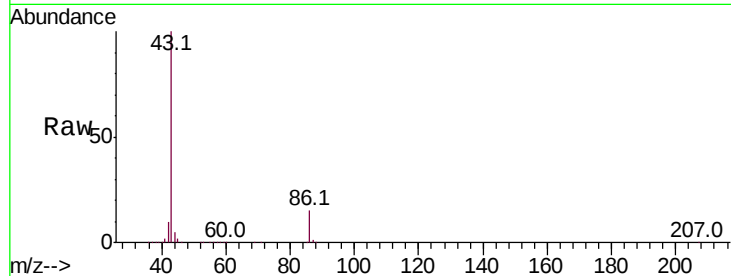
VX1023WBS02

Tot Ion: 43 Resp: 477479

Ion Ratio Lower Upper

43 100

86 14.8 11.7 17.5



#24

1,1-Dichloroethane

Concen: 19.061 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

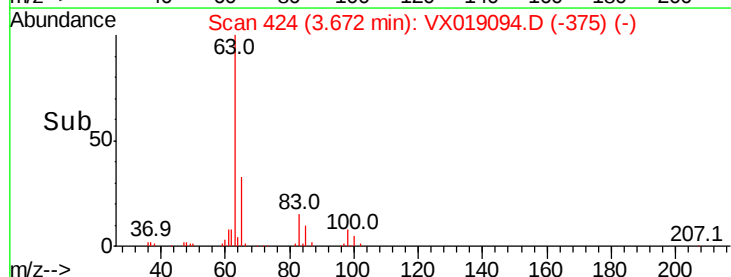
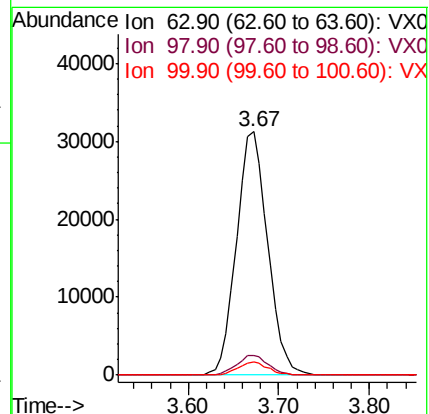
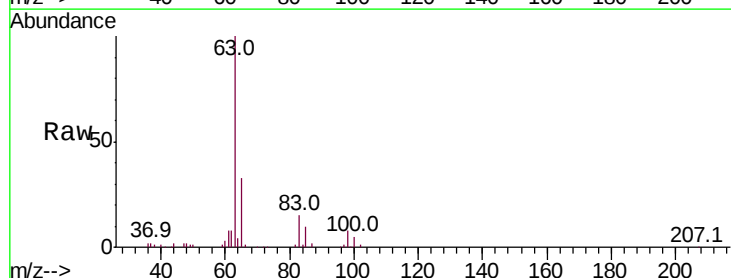
Tgt Ion: 63 Resp: 74588

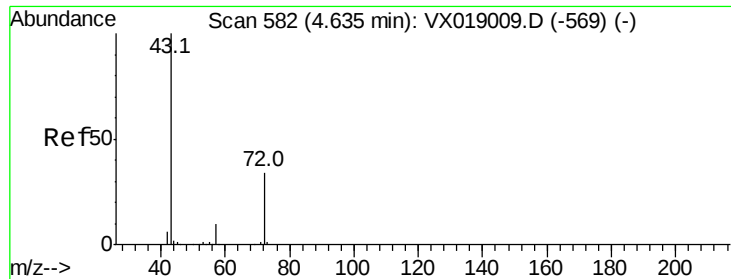
Ion Ratio Lower Upper

63 100

98 8.0 4.0 12.0

100 5.4 2.5 7.4





#25

2-Butanone

Concen: 93.426 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

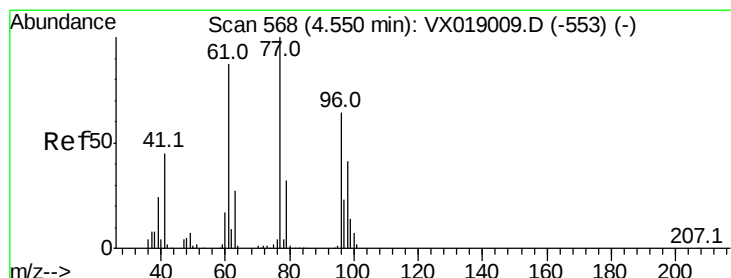
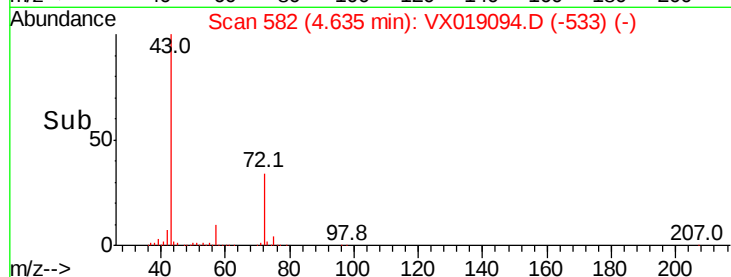
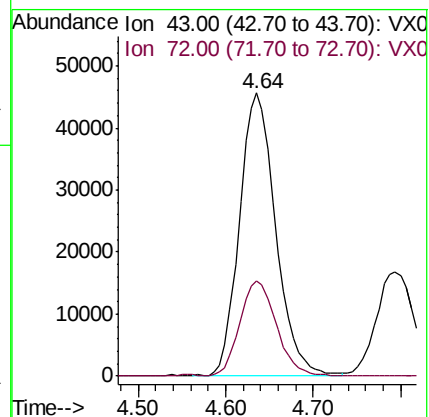
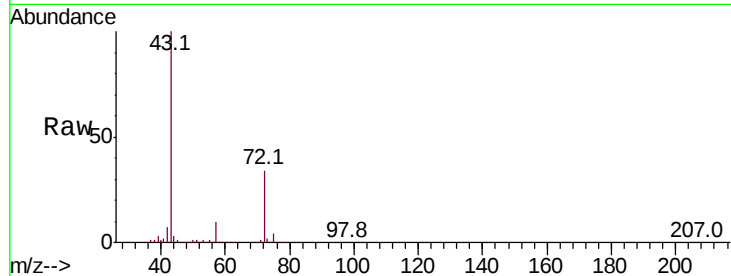
VX1023WBS02

Tot Ion: 43 Resp: 130340

Ion Ratio Lower Upper

43 100

72 33.5 27.8 41.6



#26

2,2-Dichloropropane

Concen: 16.886 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019094.D

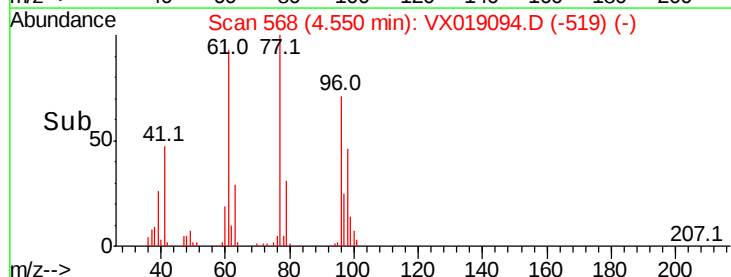
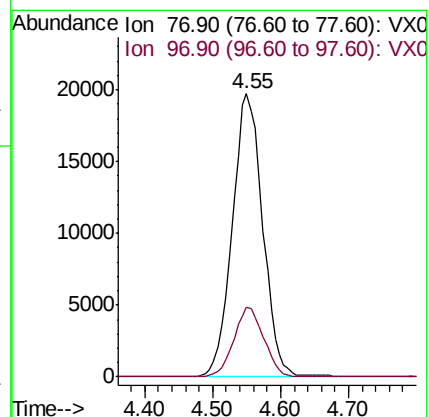
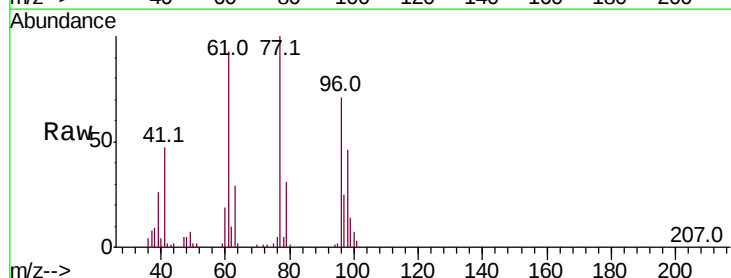
Acq: 23 Oct 2020 23:13

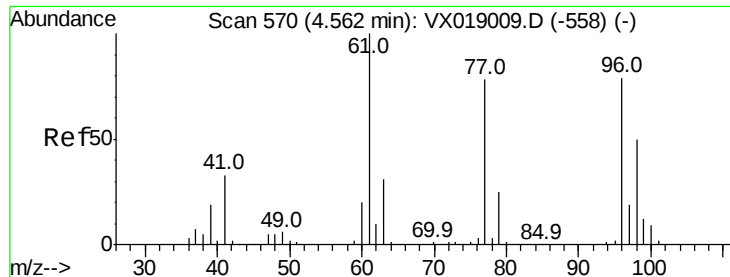
Tgt Ion: 77 Resp: 61009

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.7



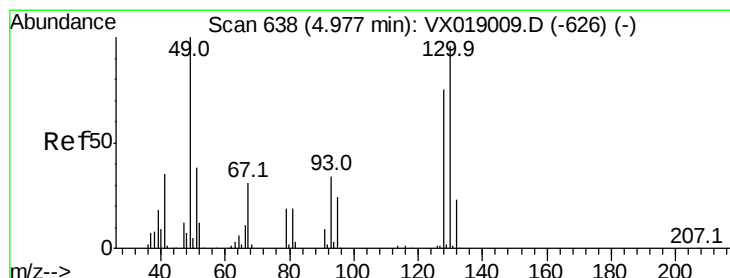
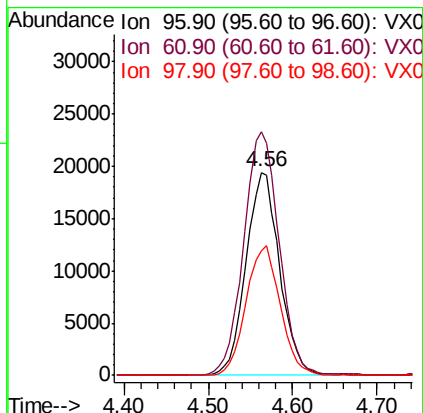
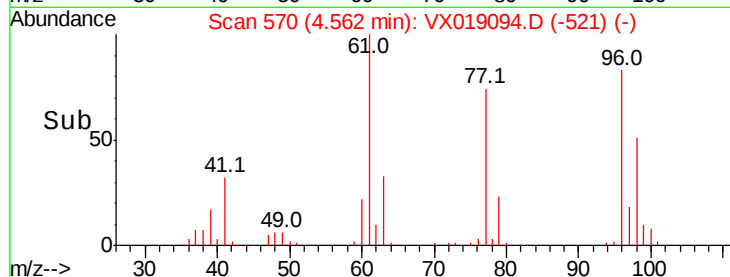
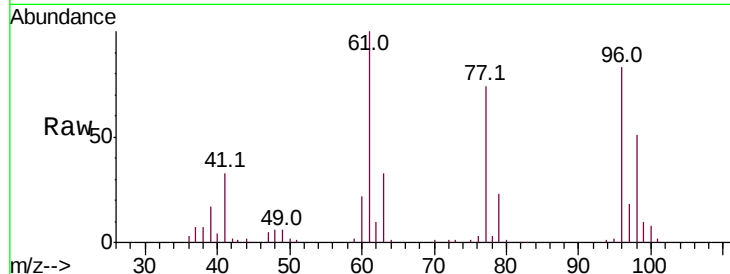


#27

cis-1,2-Dichloroethene
Concen: 18.862 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

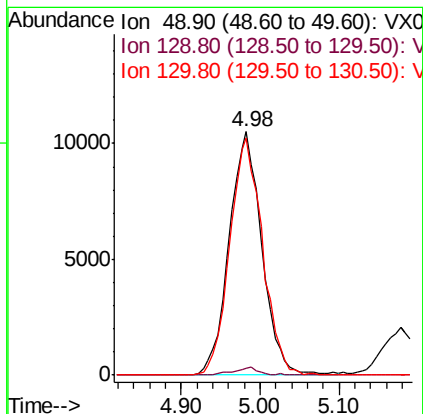
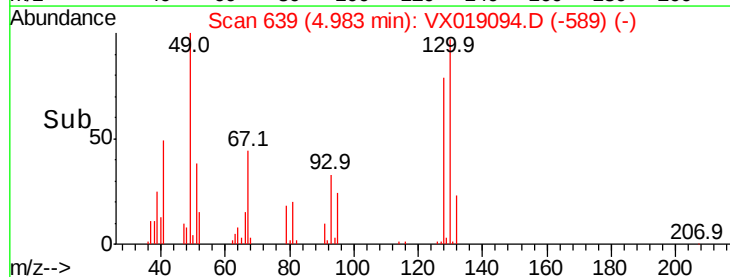
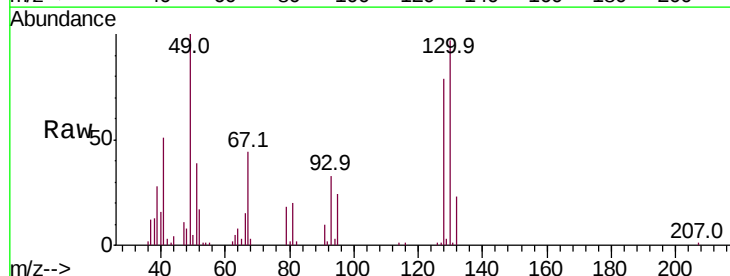
Tot Ion: 96 Resp: 52613
Ion Ratio Lower Upper
96 100
61 126.4 0.0 260.0
98 64.9 0.0 131.4

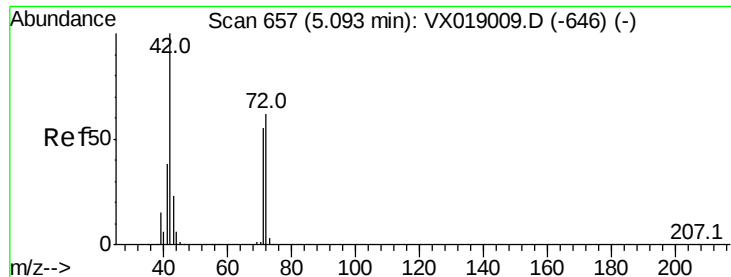


#28

Bromochloromethane
Concen: 18.238 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion: 49 Resp: 30304
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.2
130 97.2 79.0 118.6





#29

Tetrahydrofuran

Concen: 90.005 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

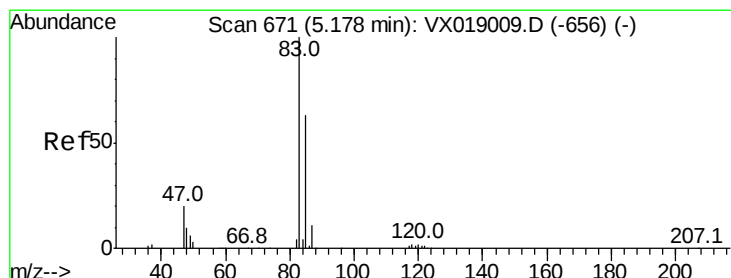
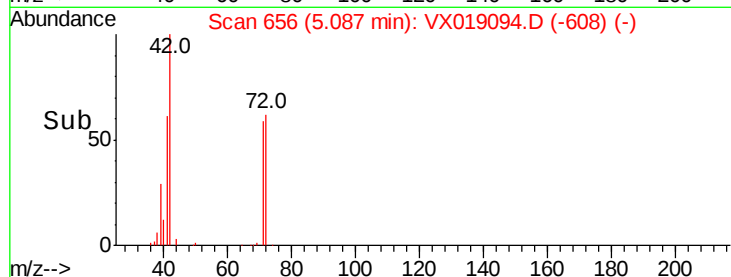
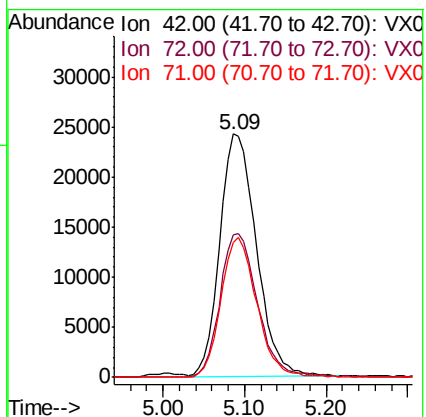
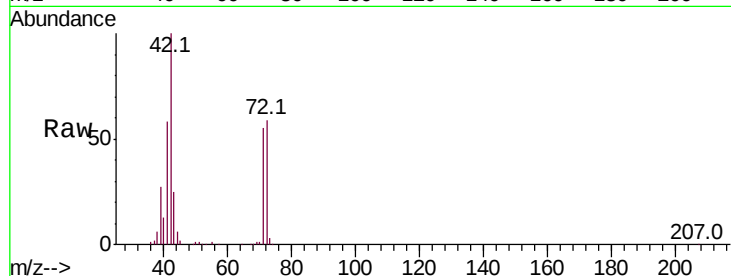
Tot Ion: 42 Resp: 75052

Ion Ratio Lower Upper

42 100

72 61.4 49.1 73.7

71 56.5 44.2 66.4



#30

Chloroform

Concen: 19.499 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019094.D

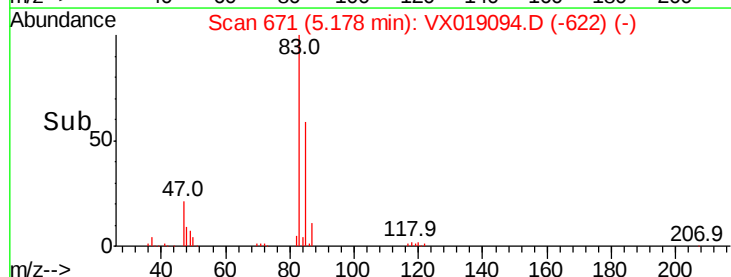
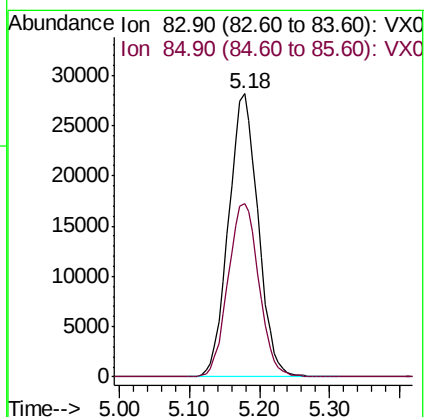
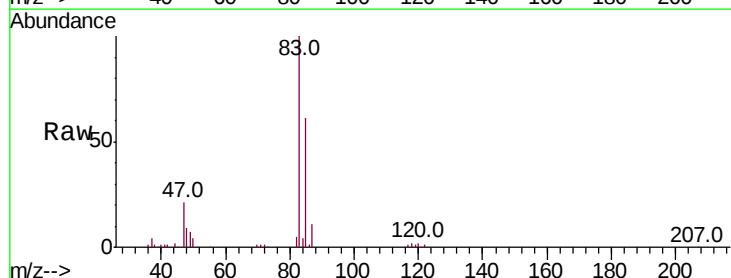
Acq: 23 Oct 2020 23:13

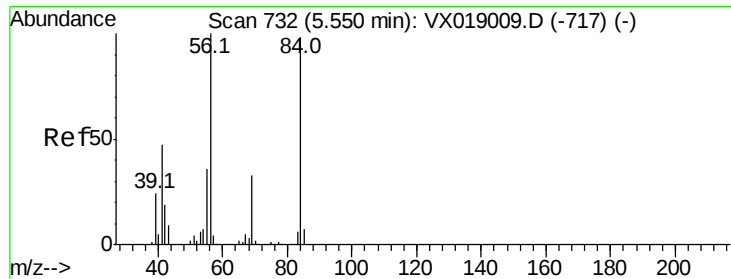
Tgt Ion: 83 Resp: 82839

Ion Ratio Lower Upper

83 100

85 61.0 50.5 75.7

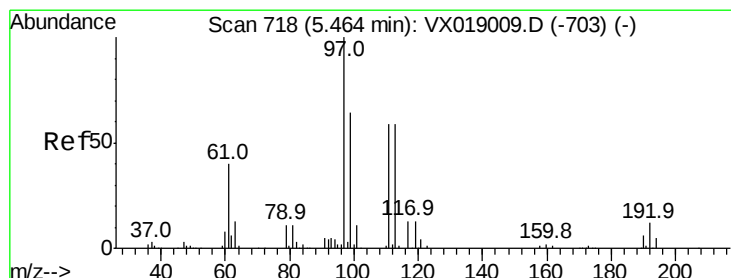
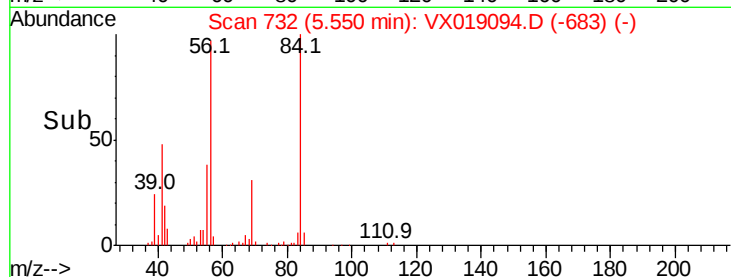
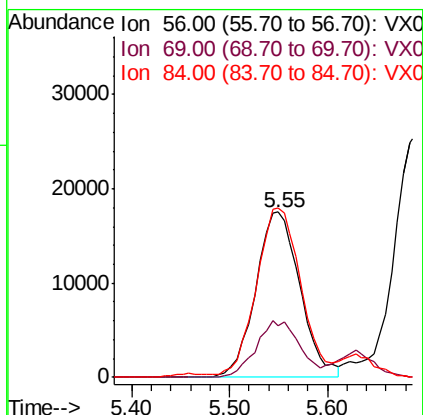
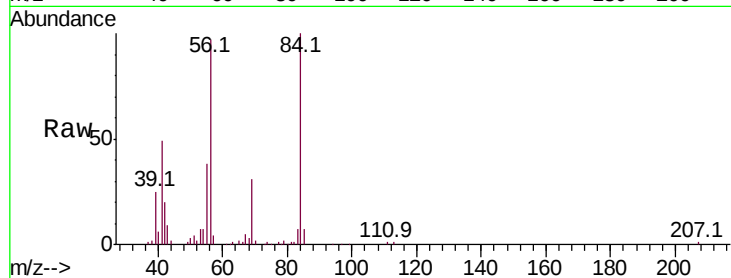




#31
Cyclohexane
Concen: 18.254 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

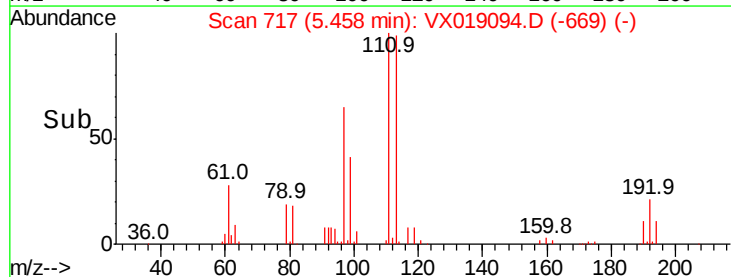
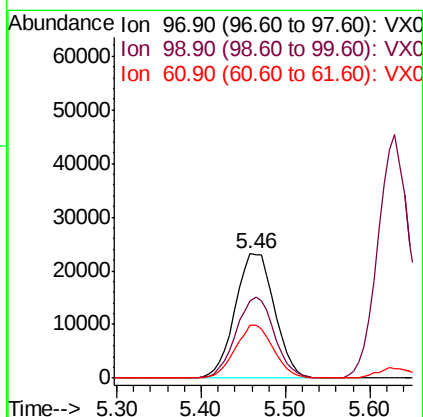
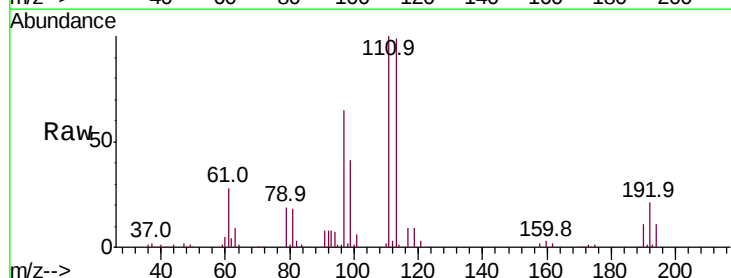
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

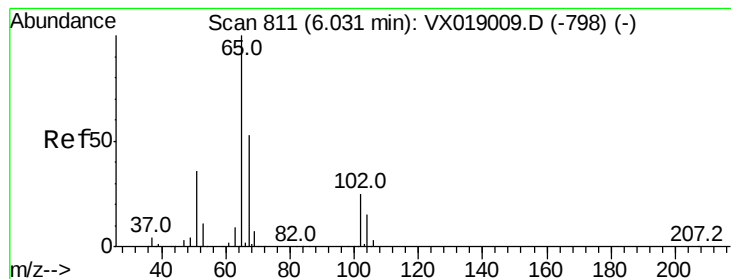
Tot Ion: 56 Resp: 55412
Ion Ratio Lower Upper
56 100
69 31.5 26.2 39.2
84 100.3 78.3 117.5



#32
1,1,1-Trichloroethane
Concen: 19.109 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion: 97 Resp: 73629
Ion Ratio Lower Upper
97 100
99 63.2 51.3 76.9
61 41.5 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 49.127 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

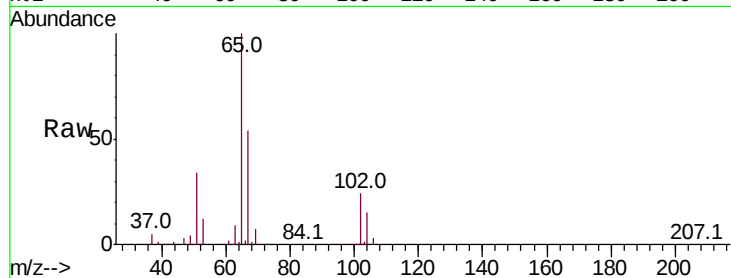
VX1023WBS02

Tot Ion: 65 Resp: 127349

Ion Ratio Lower Upper

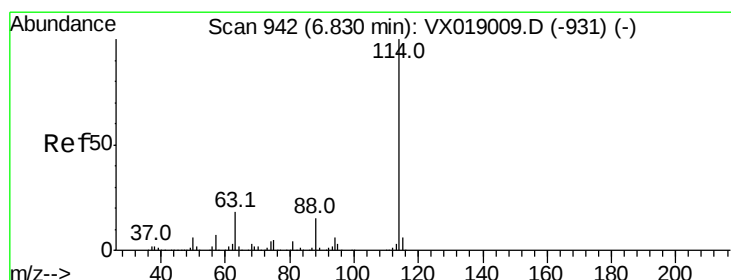
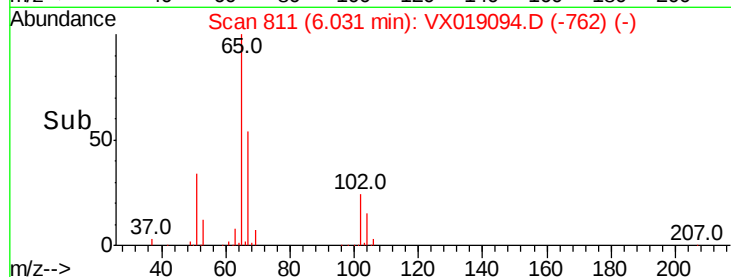
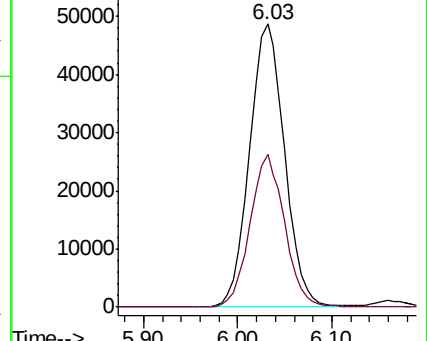
65 100

67 53.0 0.0 107.0



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: VX019094.D

Acq: 23 Oct 2020 23:13

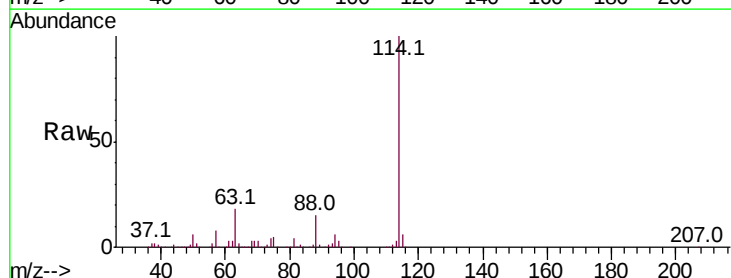
Tgt Ion:114 Resp: 369702

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.8

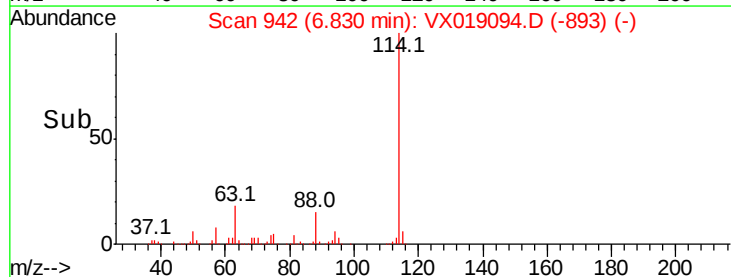
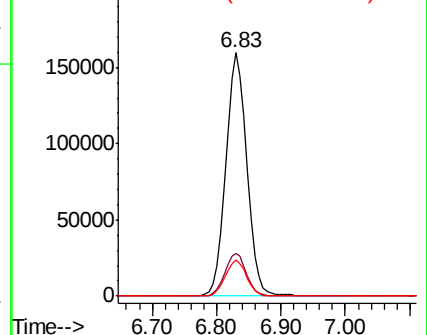
88 14.7 0.0 30.2

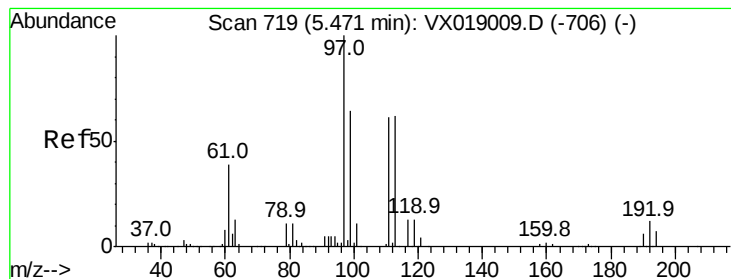


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.377 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

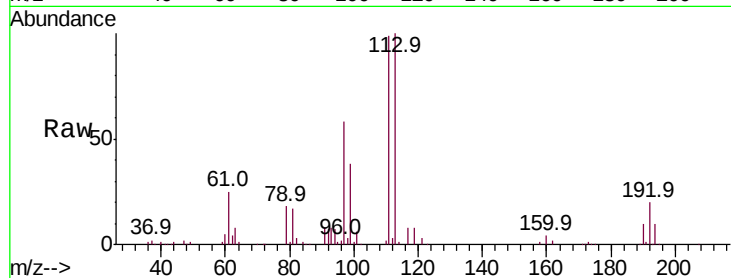
Tot Ion:113 Resp: 110895

Ion Ratio Lower Upper

113 100

111 100.3 81.5 122.3

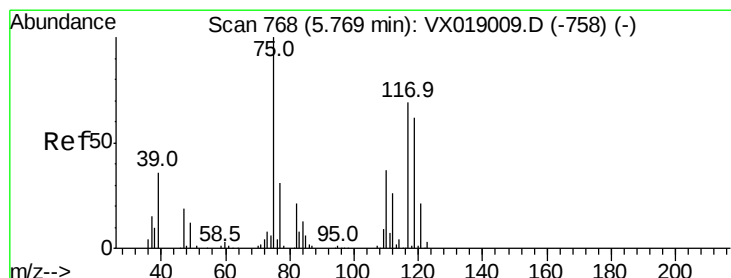
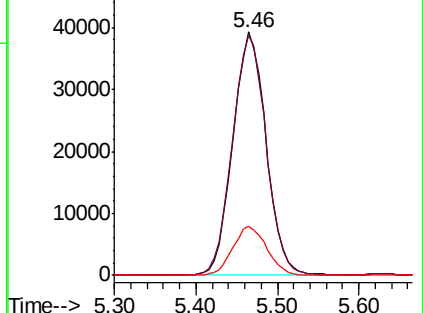
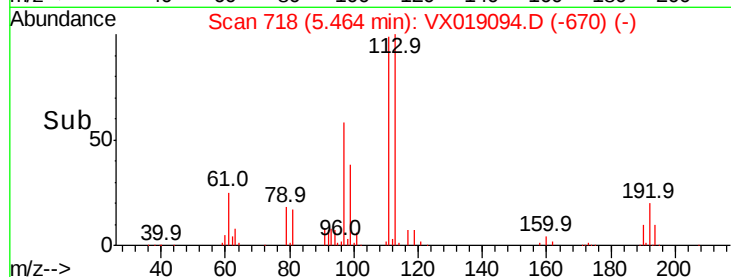
192 20.4 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.961 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

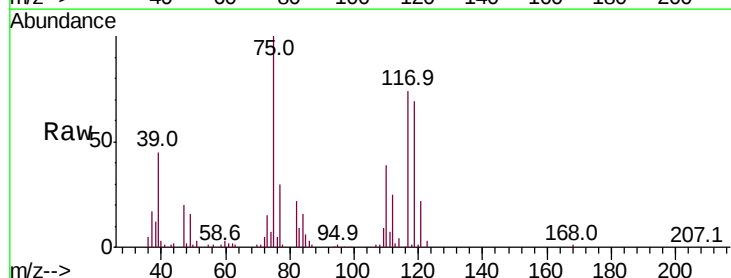
Tgt Ion: 75 Resp: 59582

Ion Ratio Lower Upper

75 100

110 39.0 19.4 58.2

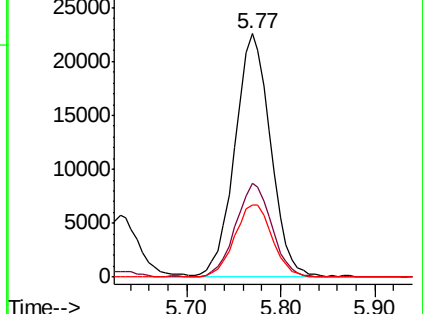
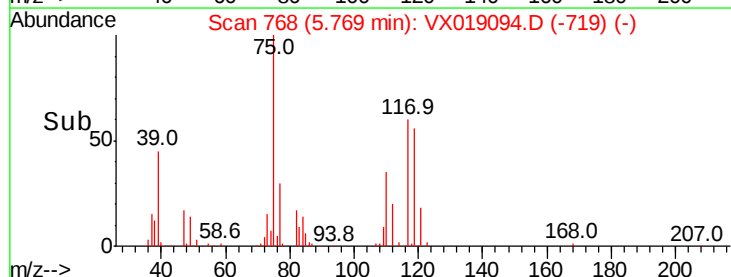
77 31.8 25.2 37.8

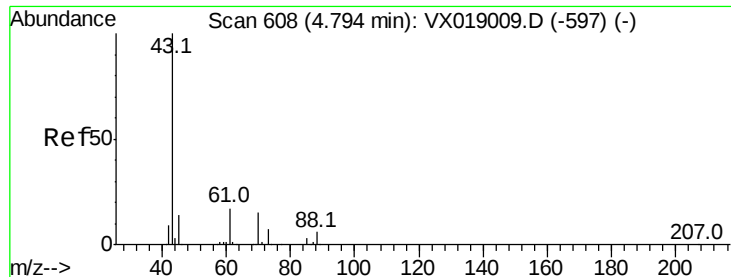


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

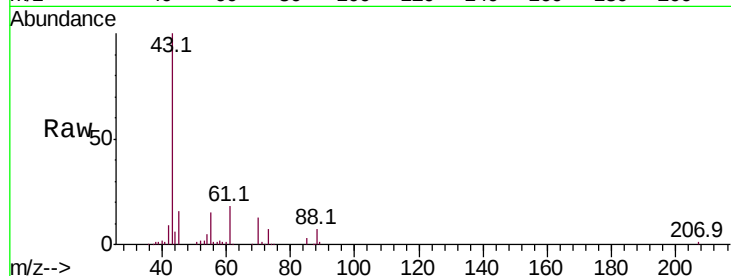




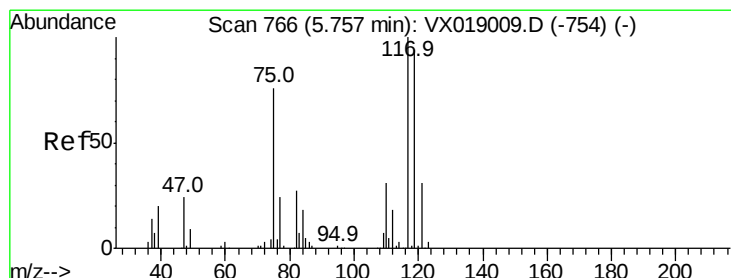
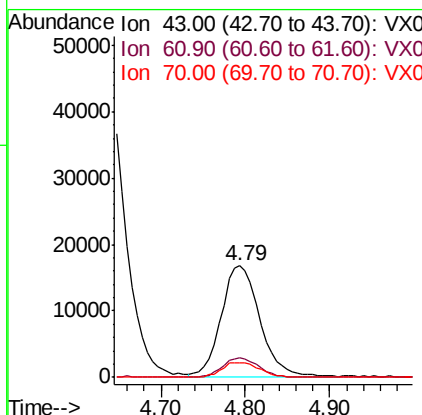
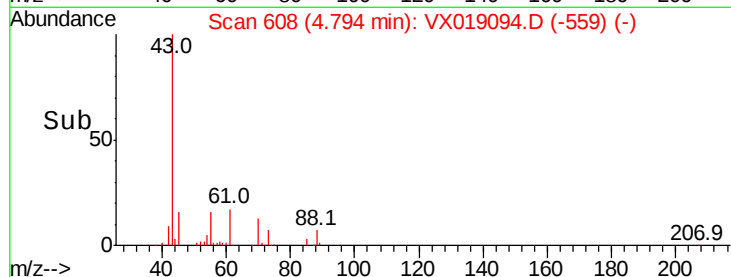
#37
Ethyl Acetate
Concen: 18.224 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	43	Resp	51599
Ion Ratio	100	Lower	Upper
61	16.8	13.8	20.8
70	13.3	11.4	17.2

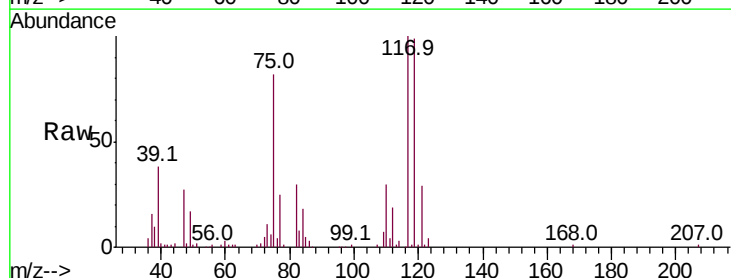


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

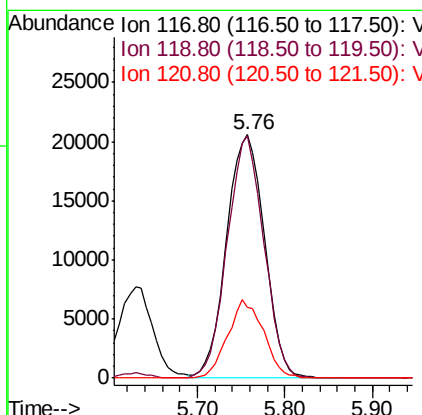
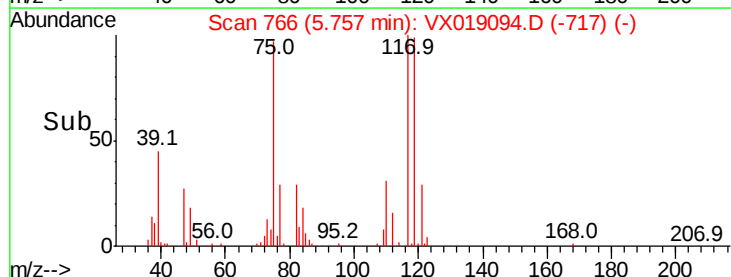


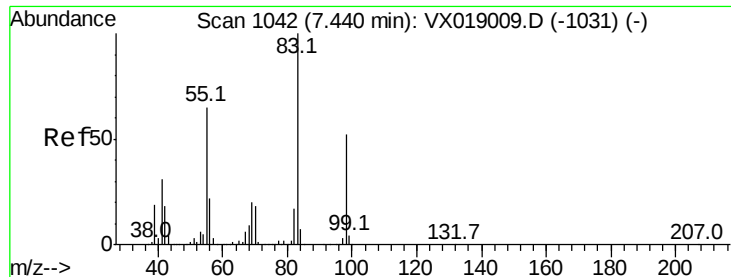
#38
Carbon Tetrachloride
Concen: 17.861 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	117	Resp	62189
Ion Ratio	100	Lower	Upper
119	99.0	75.4	113.0
121	29.3	25.0	37.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

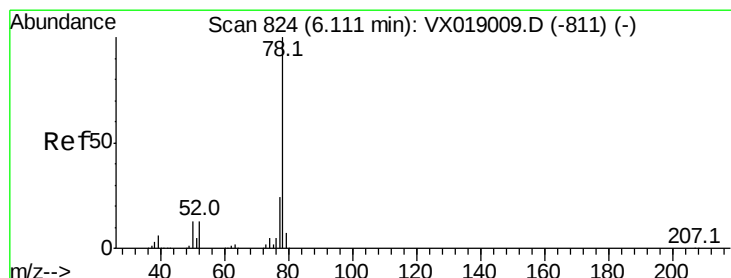
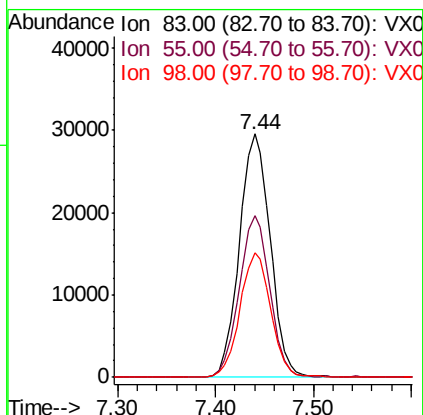
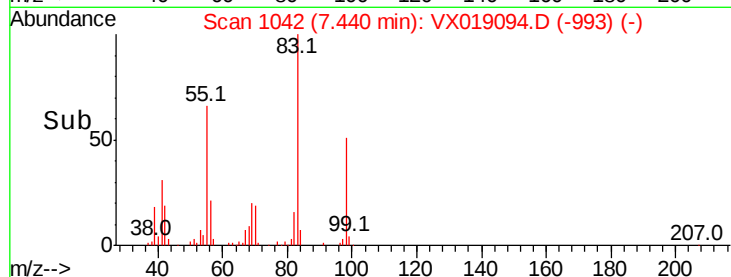
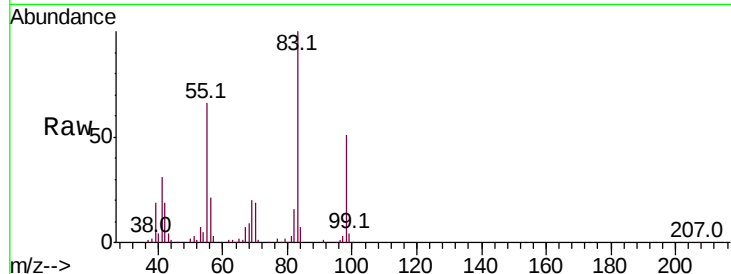




#39
Methvlcvclohexane
Concen: 17.445 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

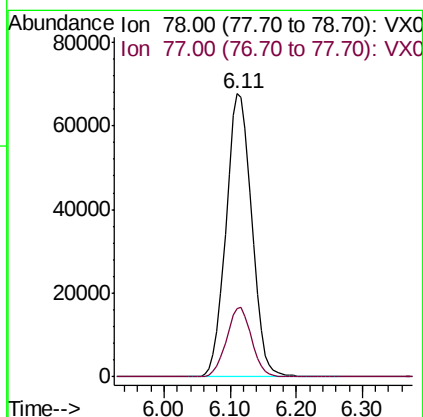
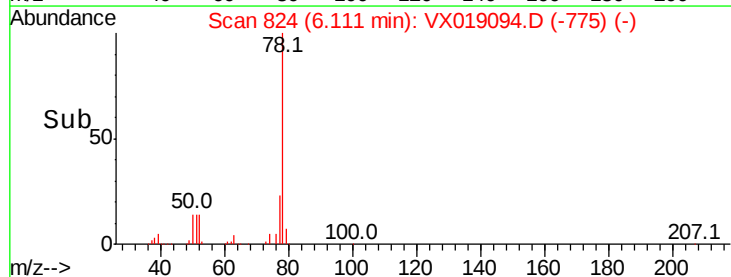
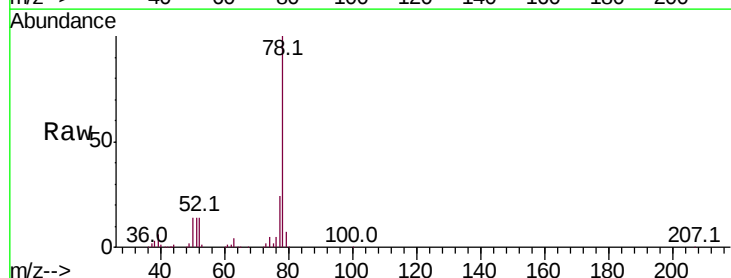
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

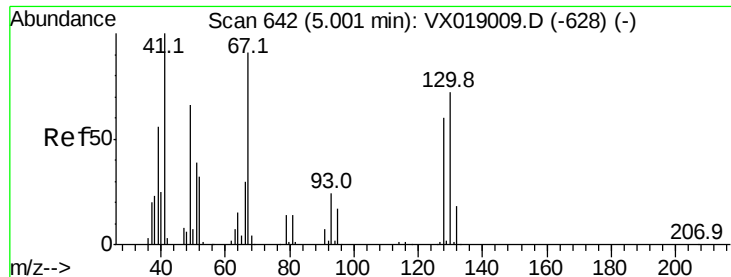
Tot Ion: 83 Resp: 64834
Ion Ratio Lower Upper
83 100
55 66.4 51.8 77.6
98 51.1 41.4 62.2



#40
Benzene
Concen: 18.673 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion: 78 Resp: 182437
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

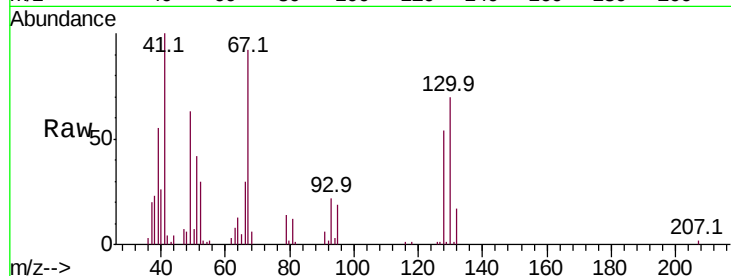




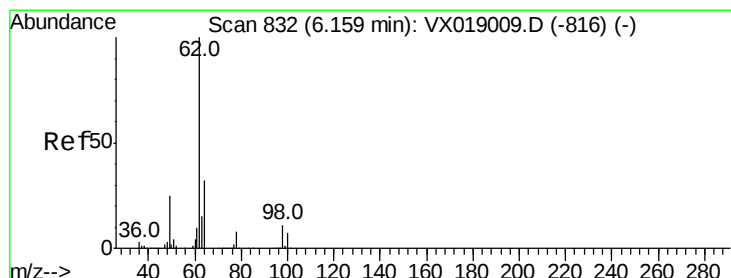
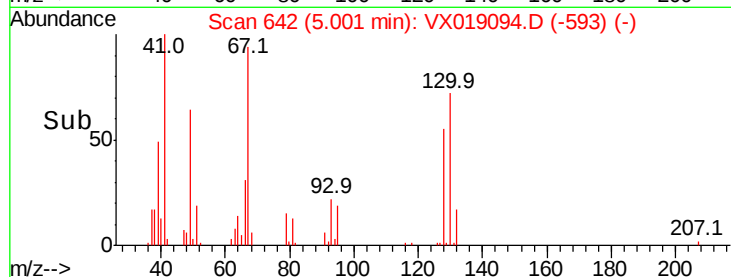
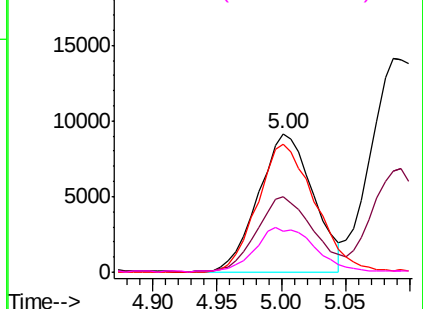
#41
Methacrylonitrile
Concen: 17.927 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion:	41	Resp:	27266
Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.6	67.0
67	96.8	76.1	114.1
52	35.7	28.3	42.5

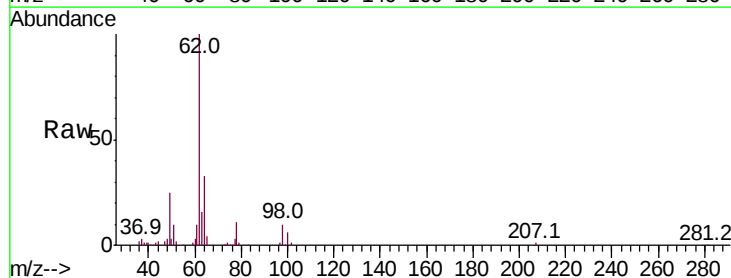


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

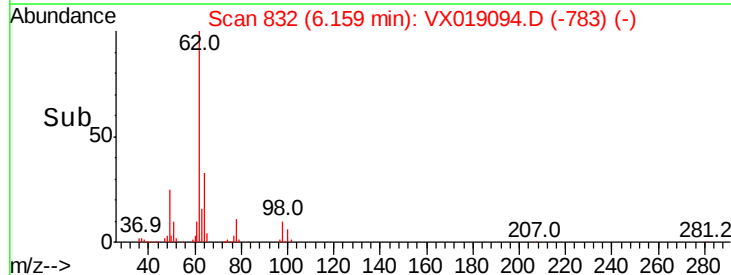
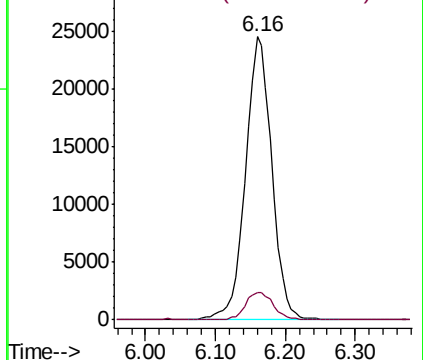


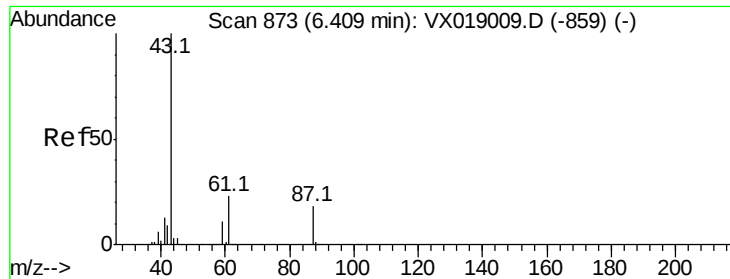
#42
1,2-Dichloroethane
Concen: 19.216 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion:	62	Resp:	64071
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.8



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



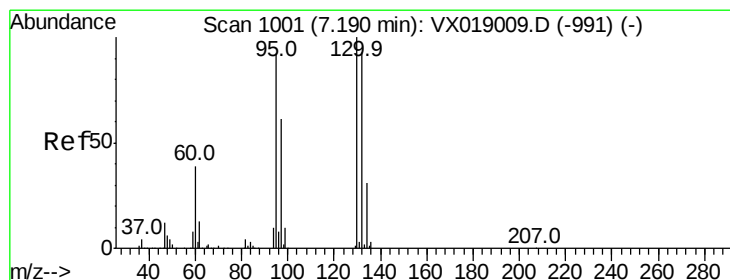
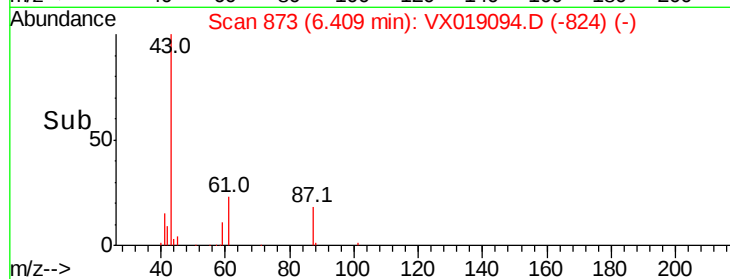
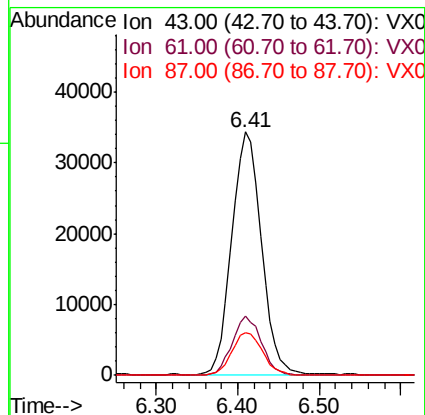
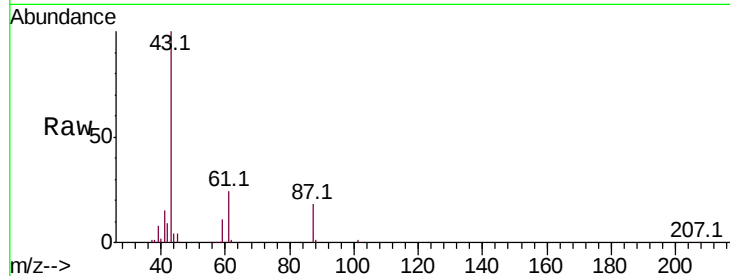


#43

Isopropyl Acetate
 Concen: 17.989 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

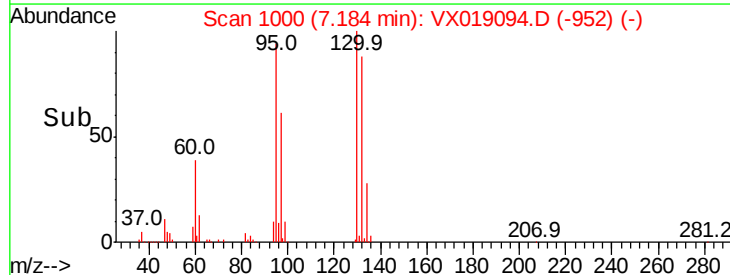
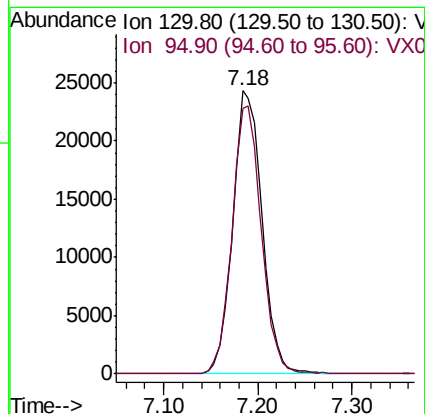
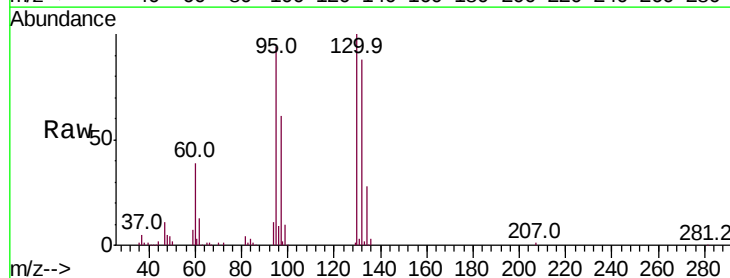
Tot Ion	43	Resp	86261
Ion Ratio	Lower	Upper	
43	100		
61	23.9	18.7	28.1
87	18.2	14.2	21.4

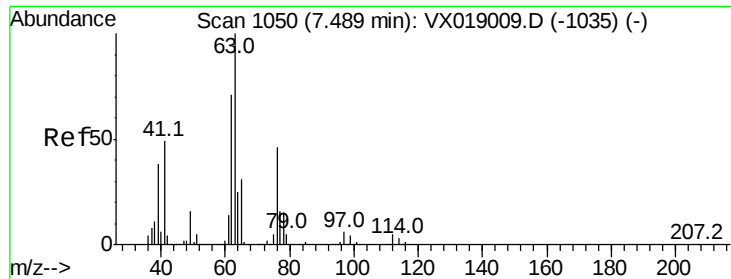


#44

Trichloroethene
 Concen: 18.384 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion	130	Resp	52380
Ion Ratio	Lower	Upper	
130	100		
95	93.8	0.0	184.2





#45

1,2-Dichloropropane

Concen: 18.545 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

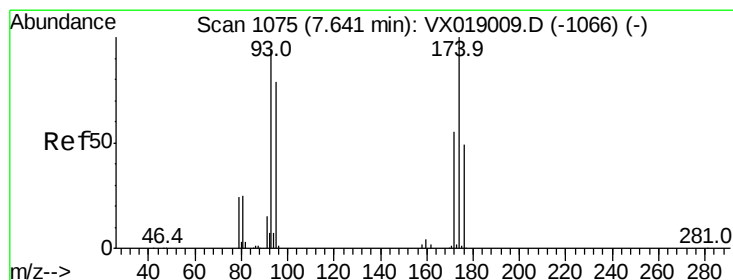
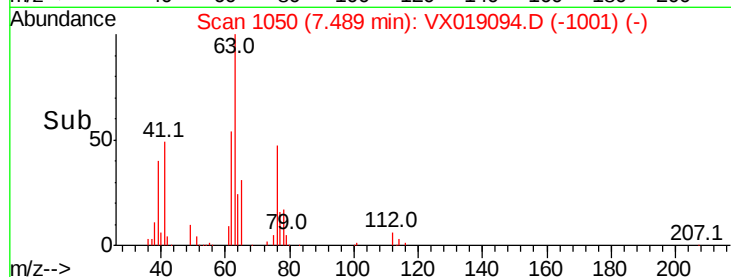
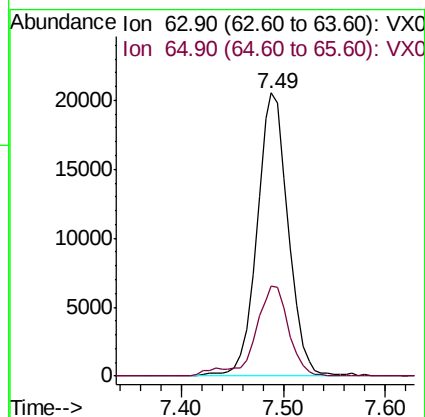
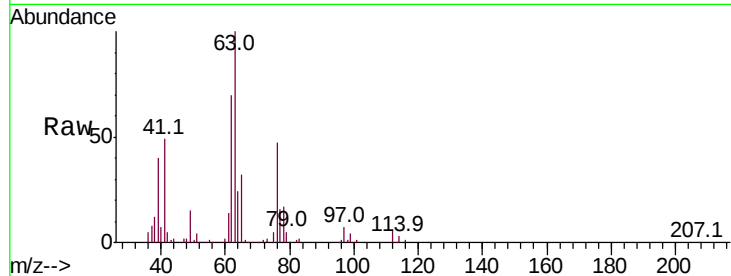
VX1023WBS02

Tot Ion: 63 Resp: 43460

Ion Ratio Lower Upper

63 100

65 32.0 24.9 37.3



#46

Dibromomethane

Concen: 18.437 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

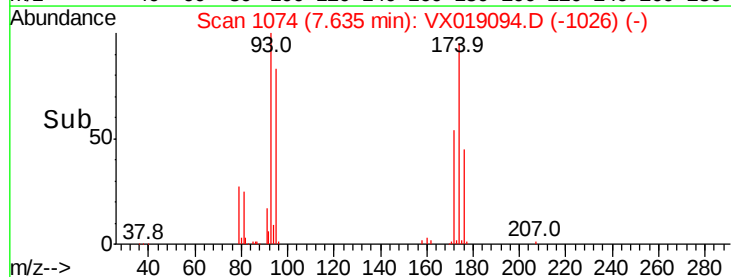
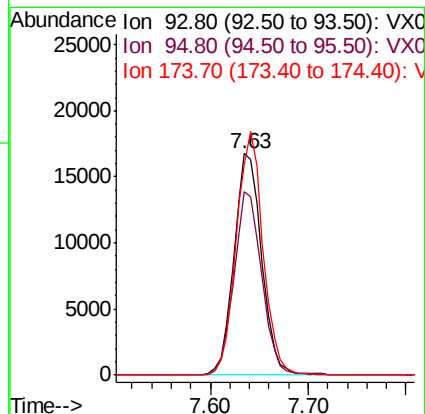
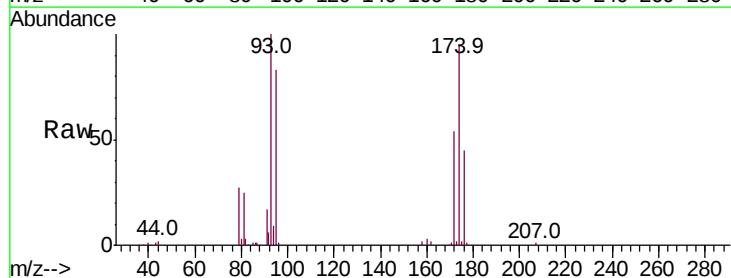
Tgt Ion: 93 Resp: 32909

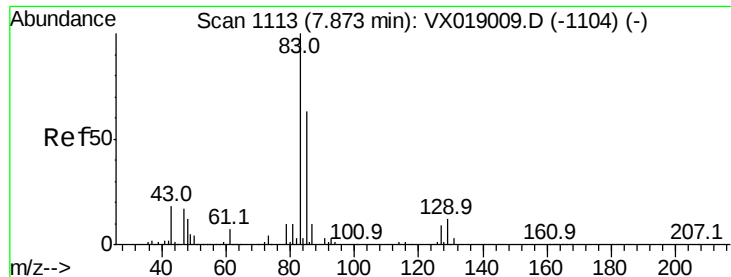
Ion Ratio Lower Upper

93 100

95 83.1 66.8 100.2

174 105.8 83.8 125.8





#47

Bromodichloromethane

Concen: 18.191 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

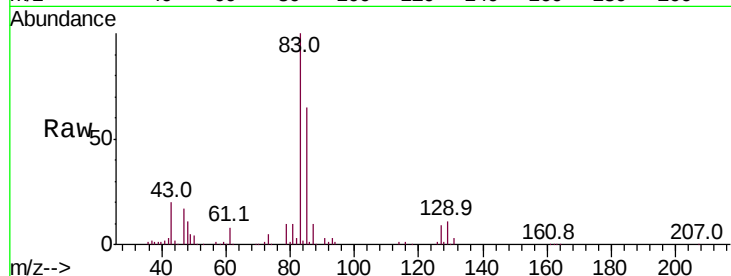
Tot Ion: 83 Resp: 63662

Ion Ratio Lower Upper

83 100

85 65.3 50.7 76.1

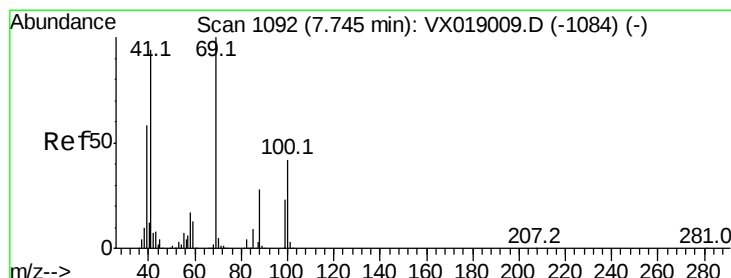
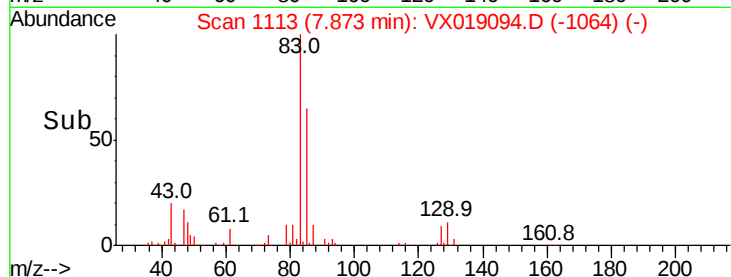
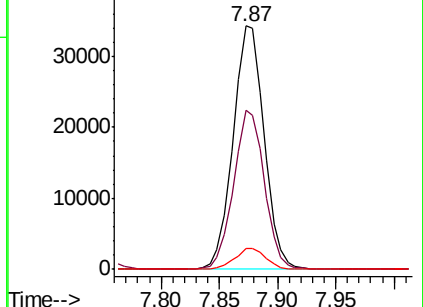
127 8.6 6.8 10.2



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: 17.508 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

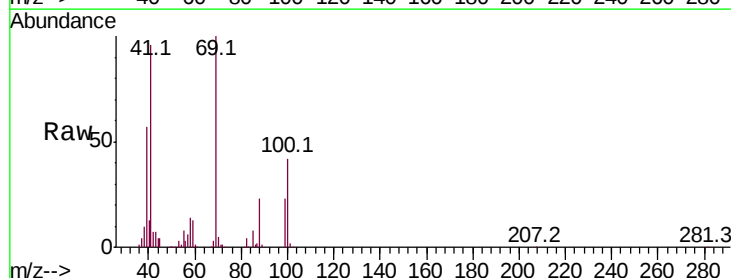
Tgt Ion: 41 Resp: 41366

Ion Ratio Lower Upper

41 100

69 106.5 85.5 128.3

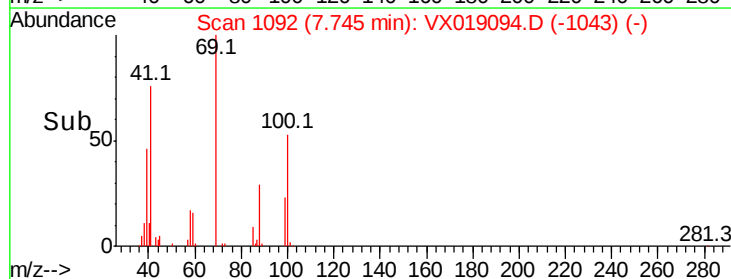
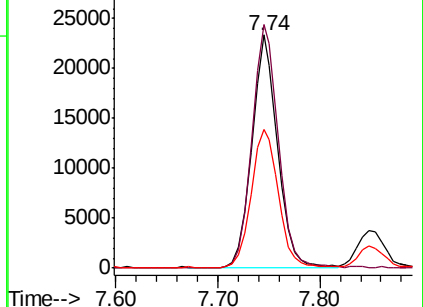
39 63.0 49.3 73.9

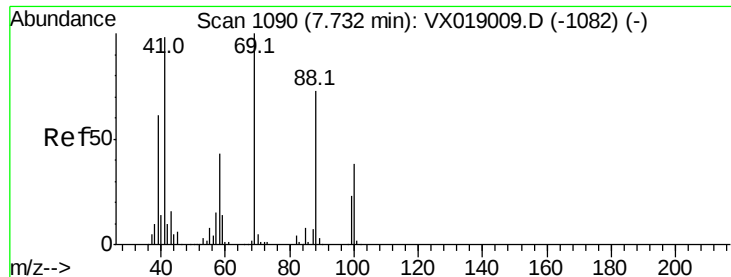


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 359.764 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

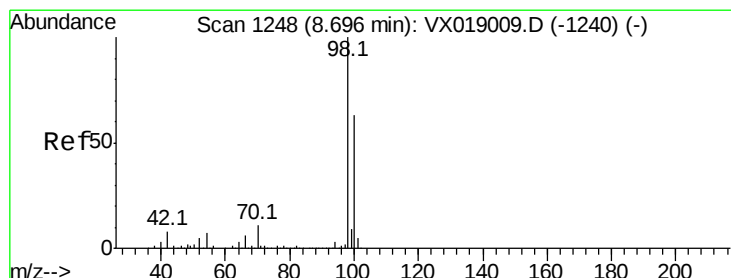
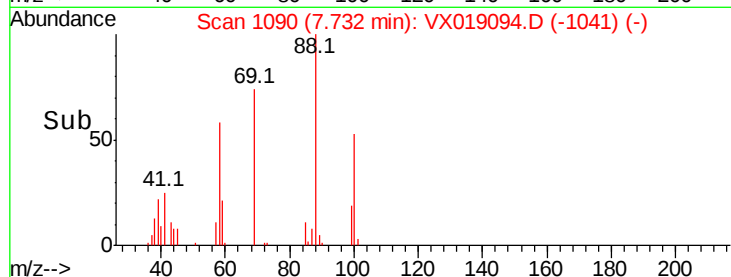
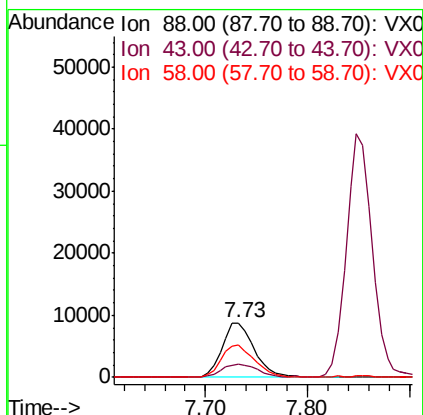
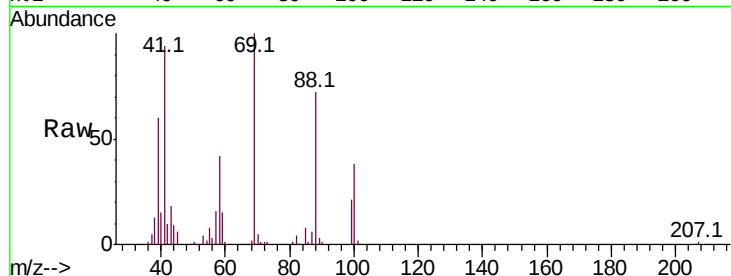
Tot Ion: 88 Resp: 19206

Ion Ratio Lower Upper

88 100

43 24.9 20.3 30.5

58 60.9 48.4 72.6



#50

Toluene-d8

Concen: 47.446 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019094.D

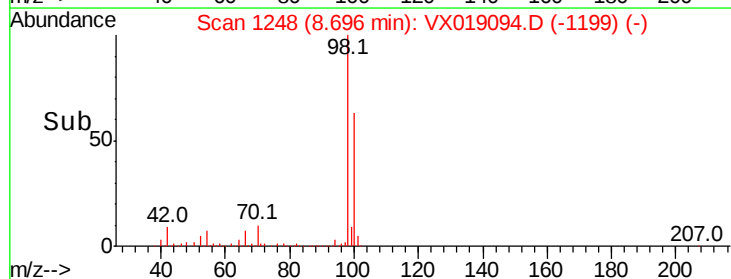
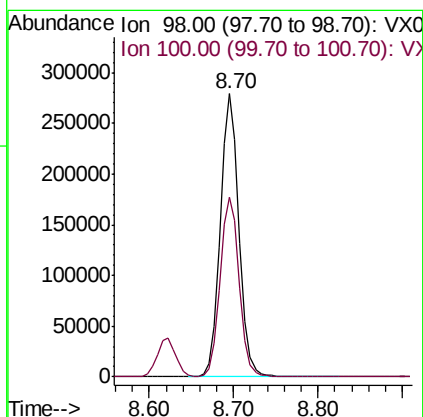
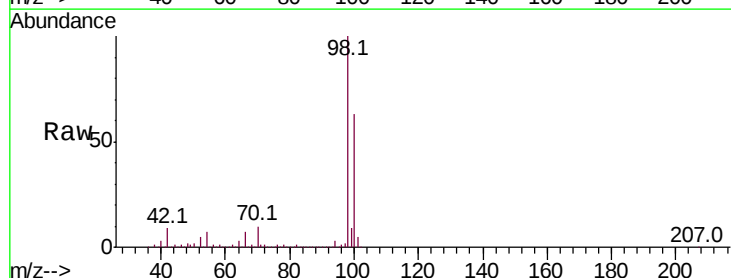
Acq: 23 Oct 2020 23:13

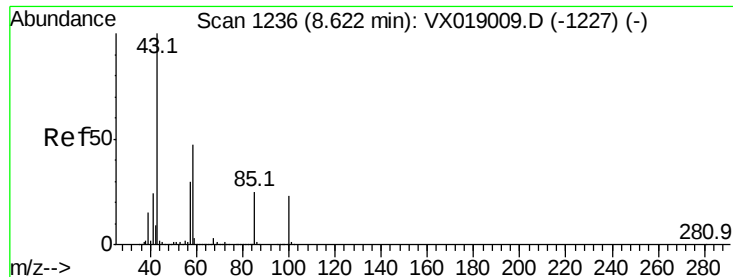
Tgt Ion: 98 Resp: 423792

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 93.181 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

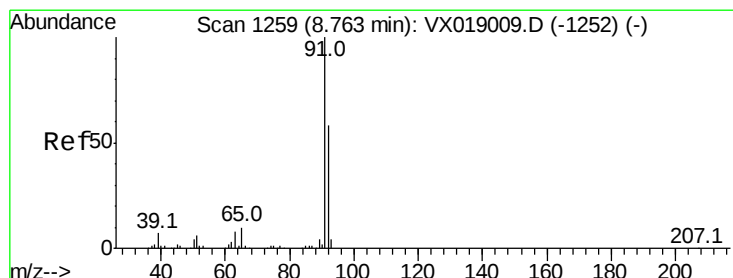
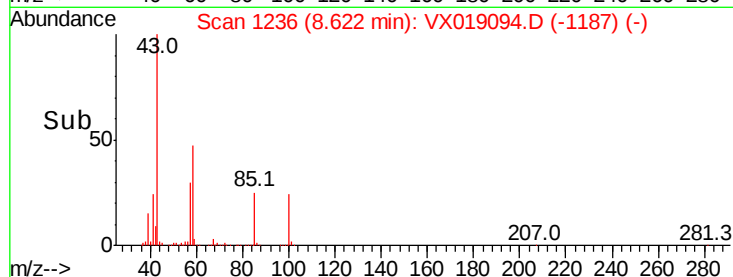
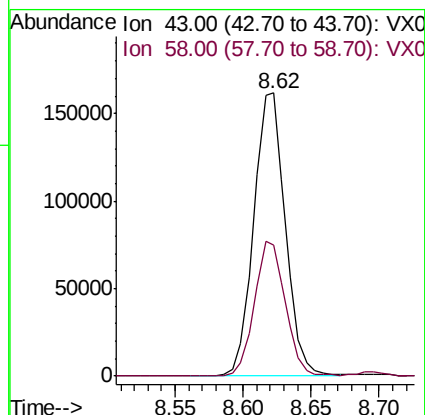
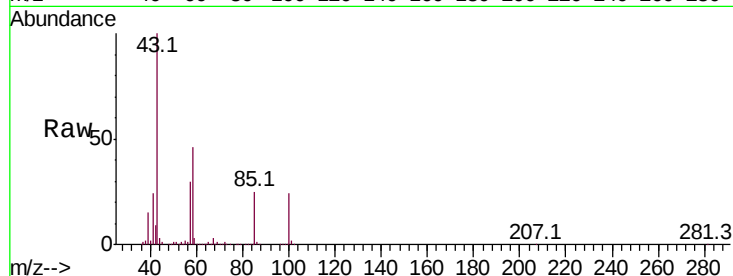
VX1023WBS02

Tot Ion: 43 Resp: 263296

Ion Ratio Lower Upper

43 100

58 46.8 37.4 56.0



#52

Toluene

Concen: 18.634 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019094.D

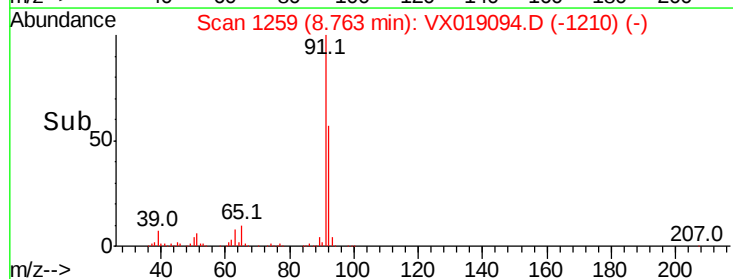
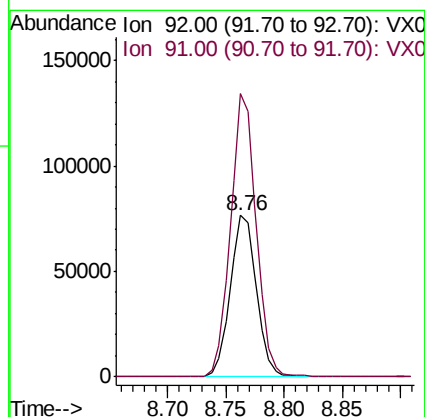
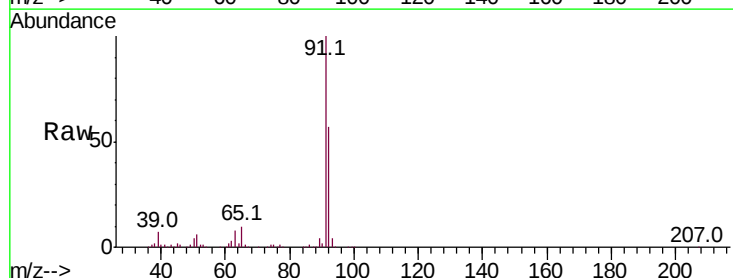
Acq: 23 Oct 2020 23:13

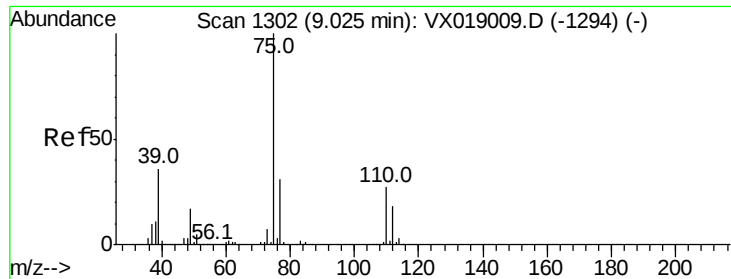
Tgt Ion: 92 Resp: 120245

Ion Ratio Lower Upper

92 100

91 171.1 138.6 208.0

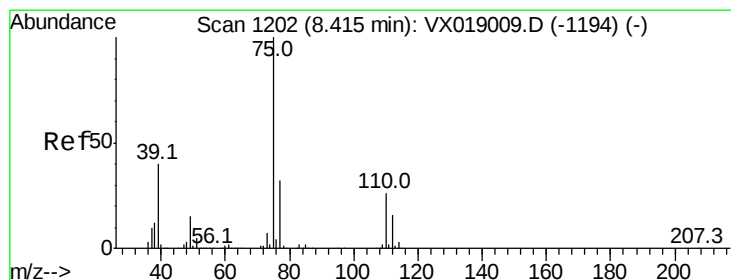
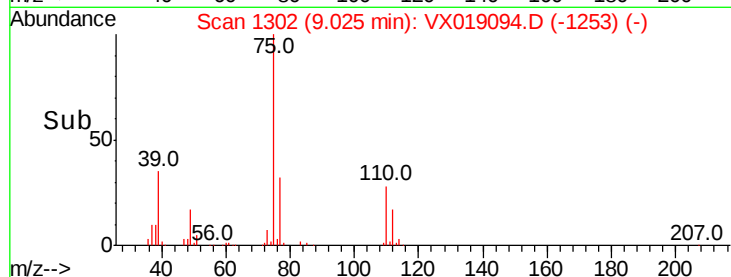
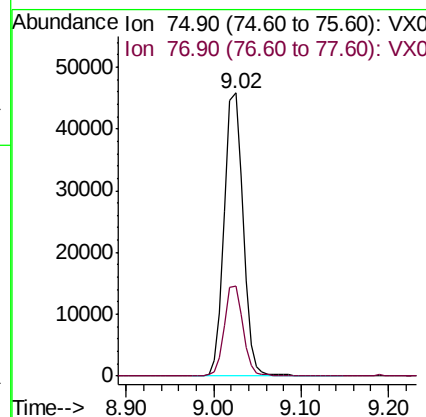
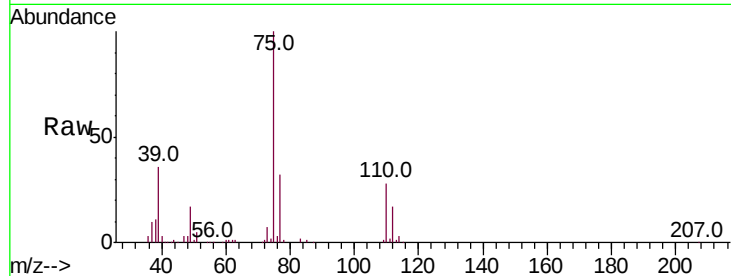




#53
 t-1,3-Dichloropropene
 Concen: 17.308 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

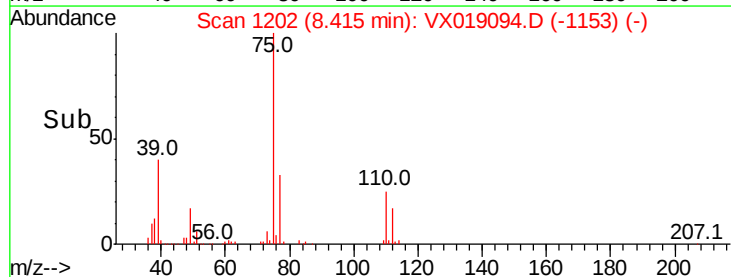
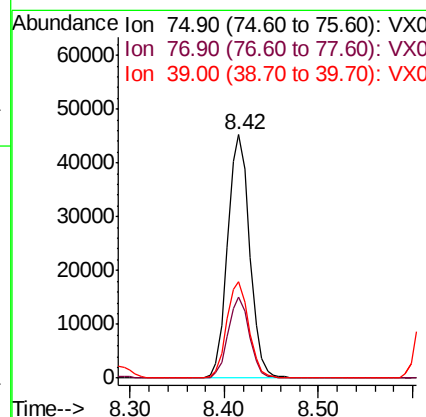
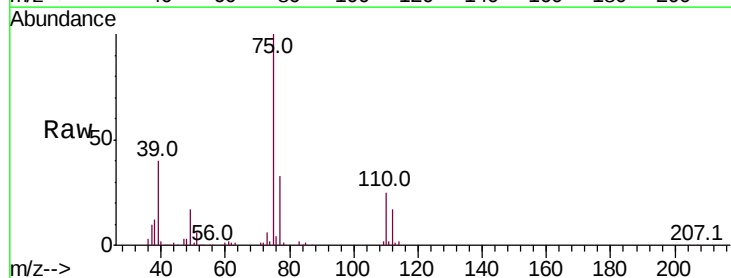
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

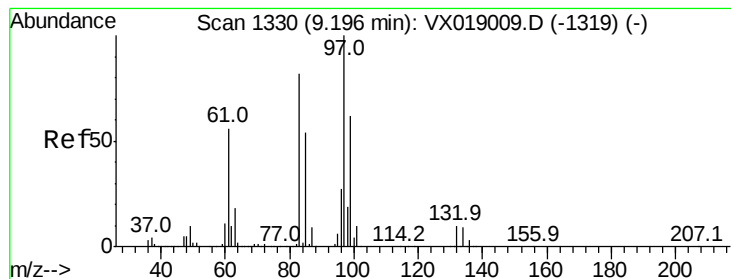
Tot Ion: 75 Resp: 68403
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 17.634 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion: 75 Resp: 73595
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.9 38.9
 39 39.6 31.7 47.5





#55

1,1,2-Trichloroethane

Concen: 18.320 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

Tot Ion: 97 Resp: 48193

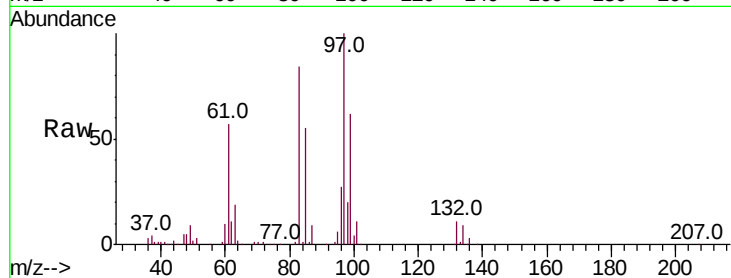
Ion Ratio Lower Upper

97 100

83 83.6 65.4 98.2

85 55.0 43.3 64.9

99 62.4 50.0 75.0

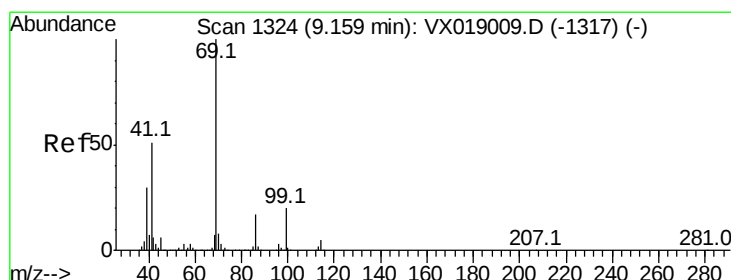
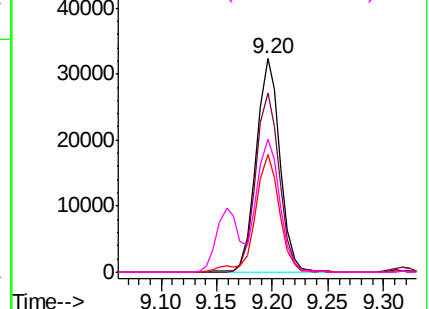
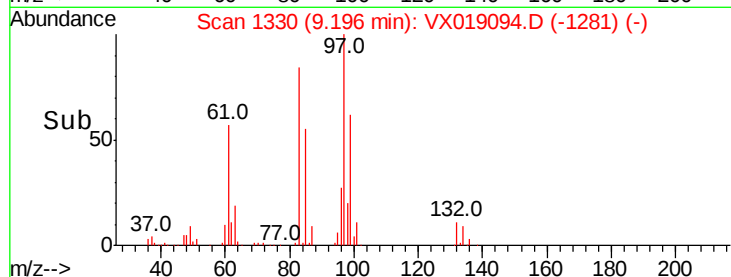


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#56

Ethyl methacrylate

Concen: 18.033 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

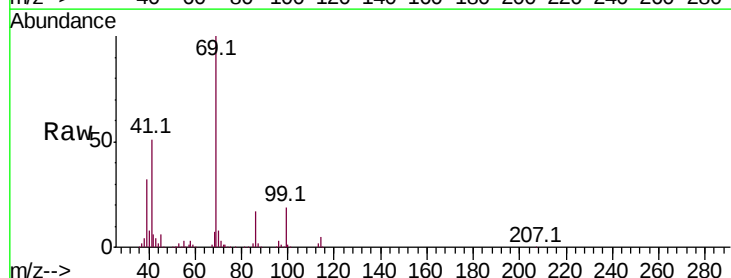
Tgt Ion: 69 Resp: 68249

Ion Ratio Lower Upper

69 100

41 52.7 41.1 61.7

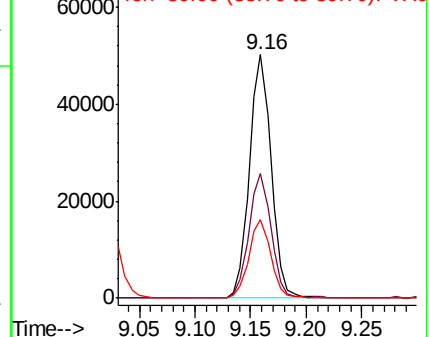
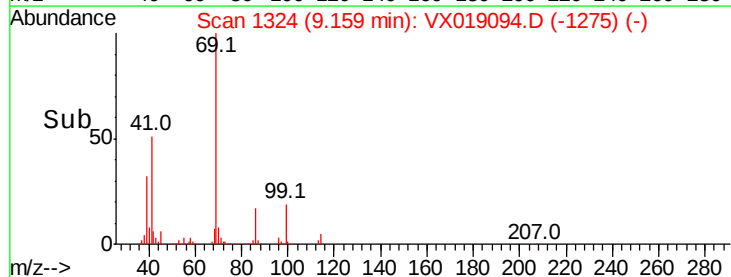
39 33.2 24.6 37.0

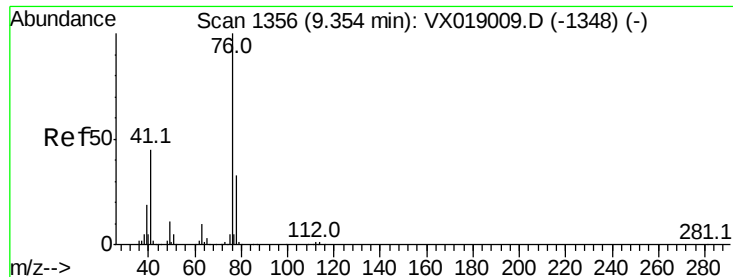


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.878 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

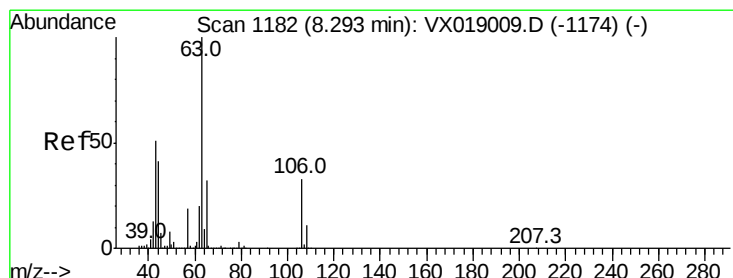
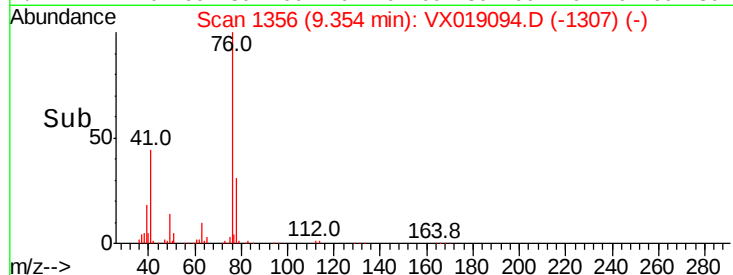
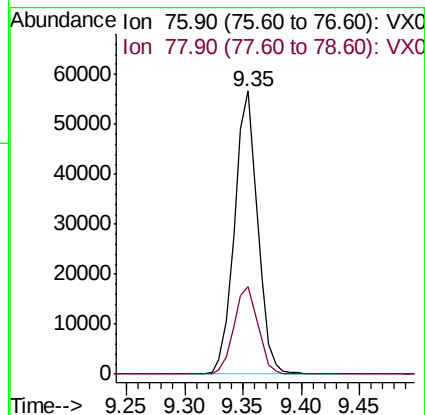
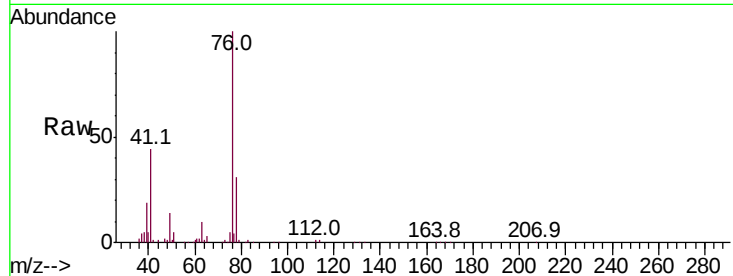
VX1023WBS02

Tot Ion: 76 Resp: 78823

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 88.761 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019094.D

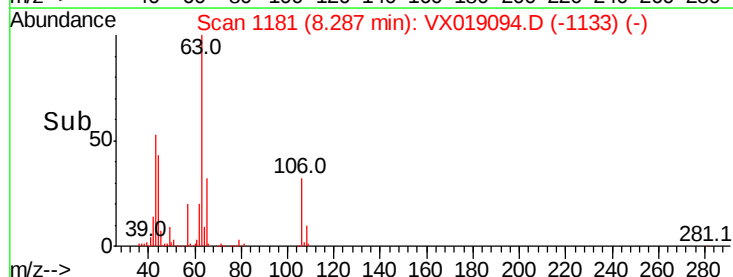
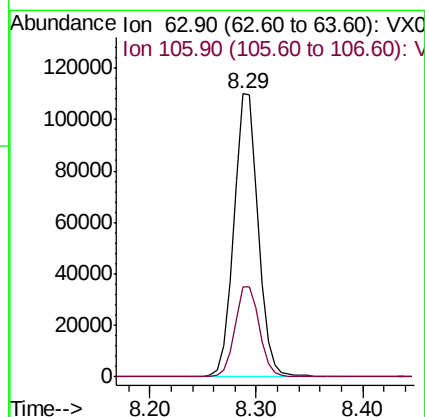
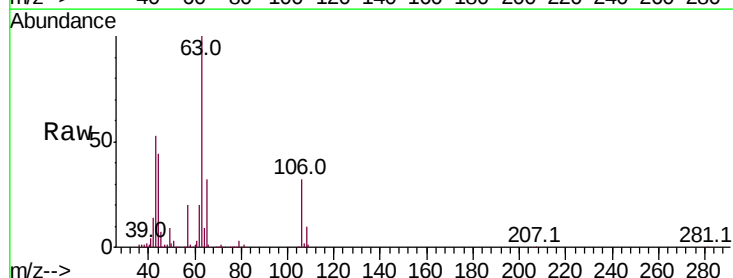
Acq: 23 Oct 2020 23:13

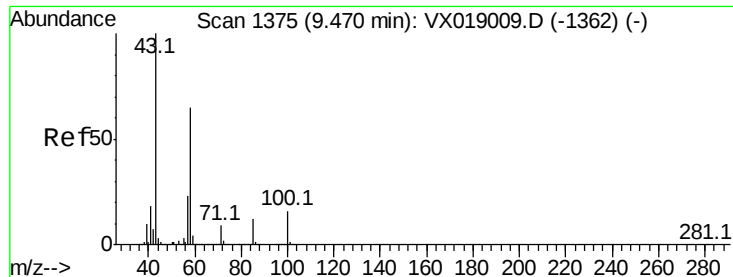
Tgt Ion: 63 Resp: 176466

Ion Ratio Lower Upper

63 100

106 32.3 26.0 39.0

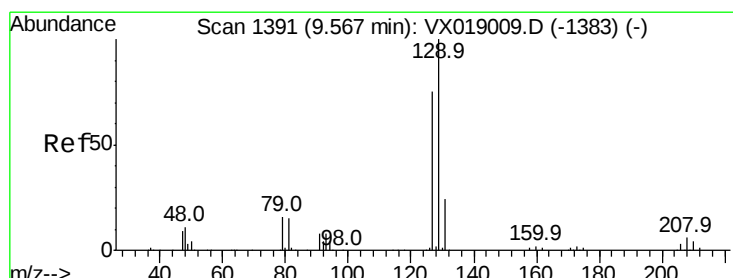
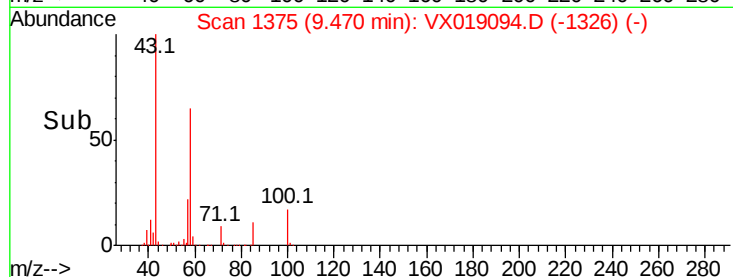
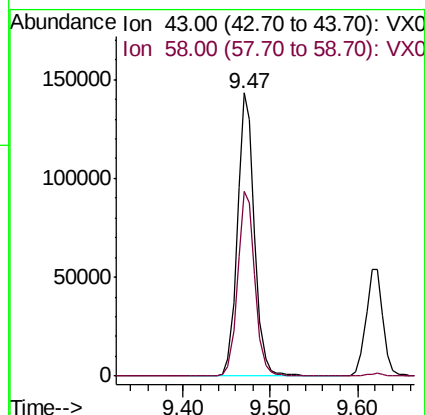
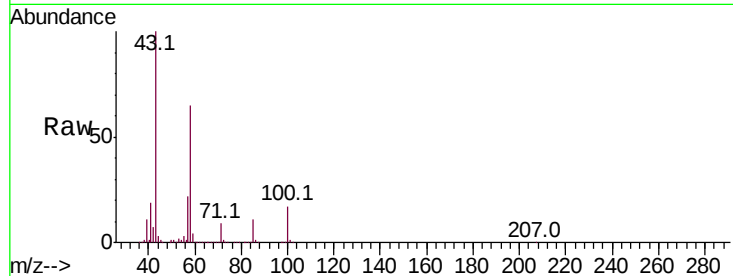




#59
2-Hexanone
Concen: 92.438 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

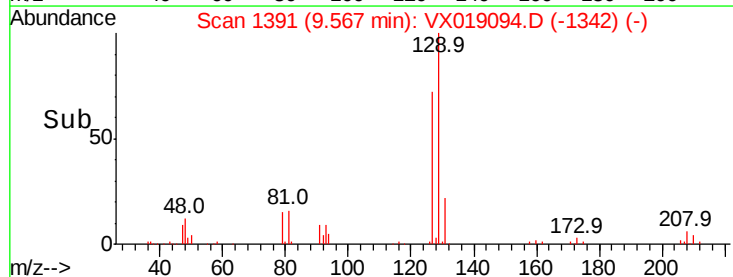
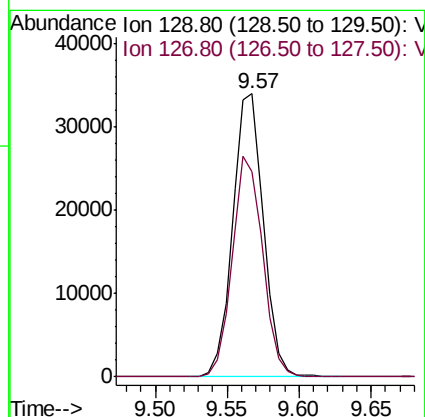
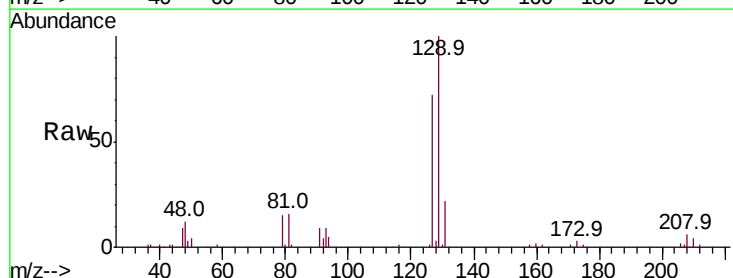
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

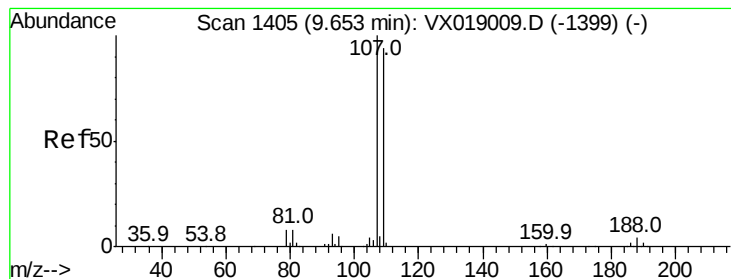
Tot Ion: 43 Resp: 194648
Ion Ratio Lower Upper
43 100
58 66.1 32.8 98.4



#60
Dibromochloromethane
Concen: 17.657 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion: 129 Resp: 50626
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7





#61

1,2-Dibromoethane

Concen: 18.047 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

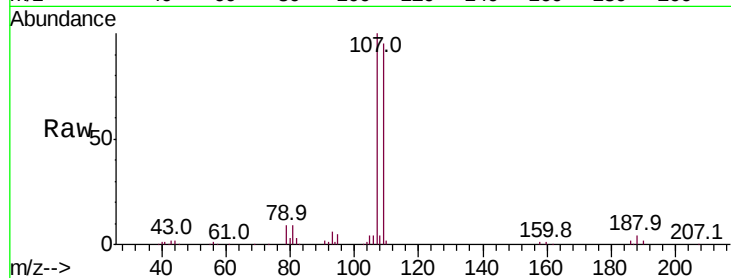
VX1023WBS02

Tot Ion:107 Resp: 50796

Ion Ratio Lower Upper

107 100

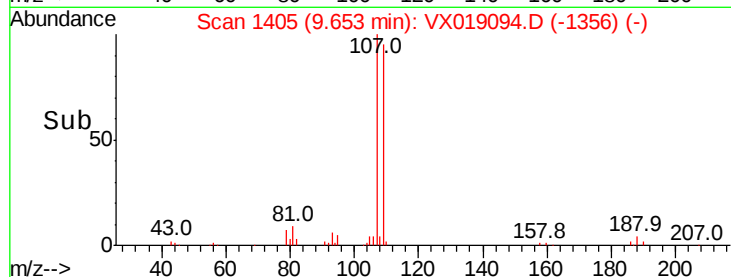
109 95.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65



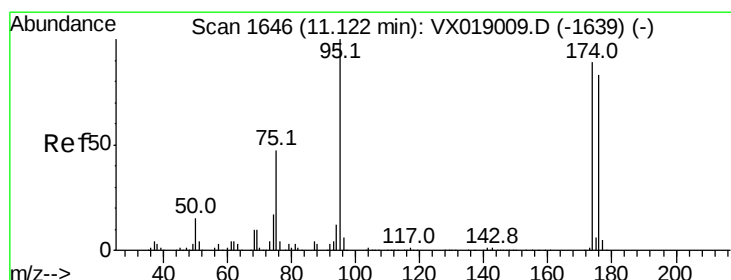
Abundance

Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

Time-->



#62

4-Bromofluorobenzene

Concen: 46.528 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

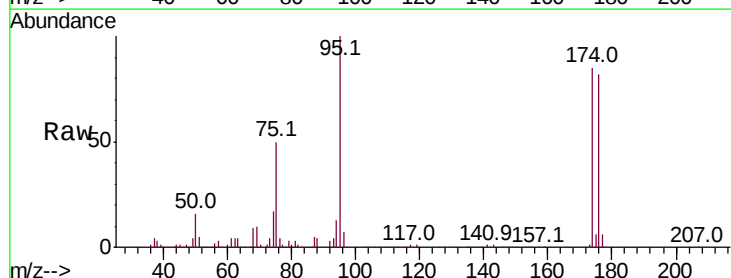
Tgt Ion: 95 Resp: 147829

Ion Ratio Lower Upper

95 100

174 83.1 0.0 167.6

176 80.2 0.0 165.2

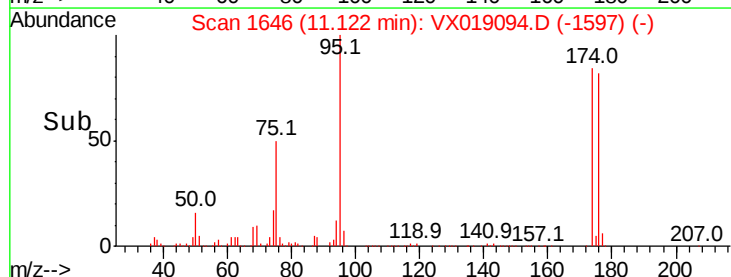


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12



Abundance

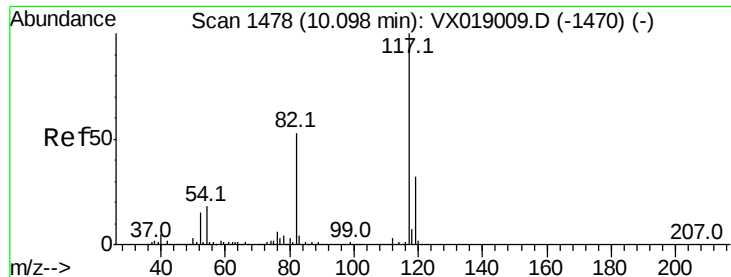
Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

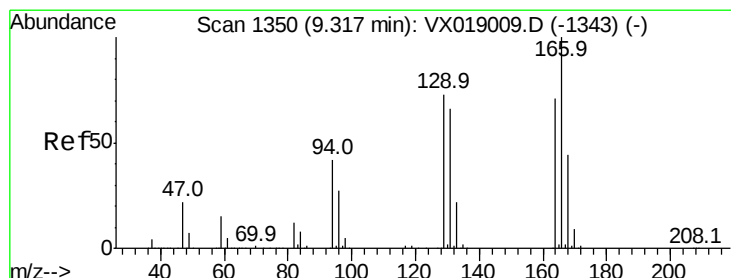
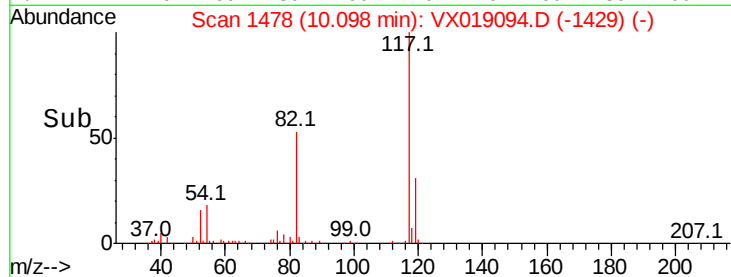
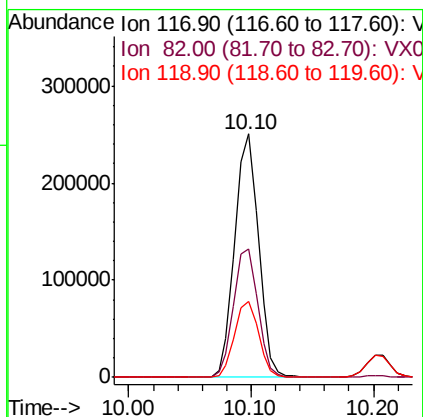
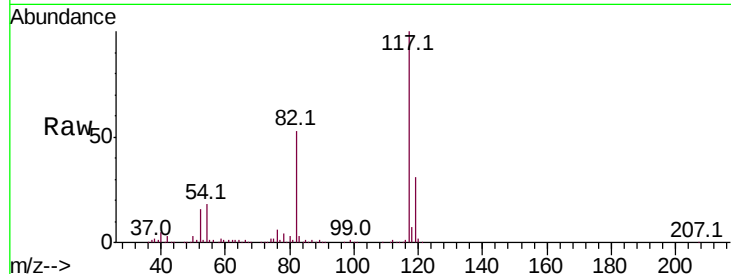
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

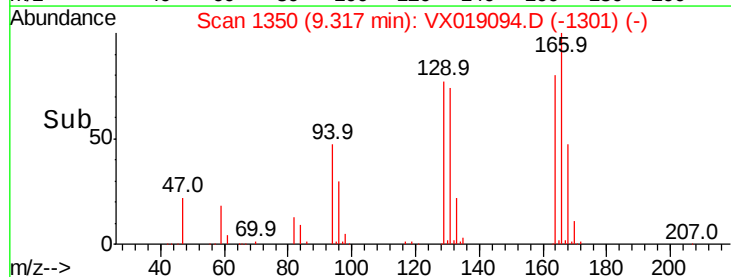
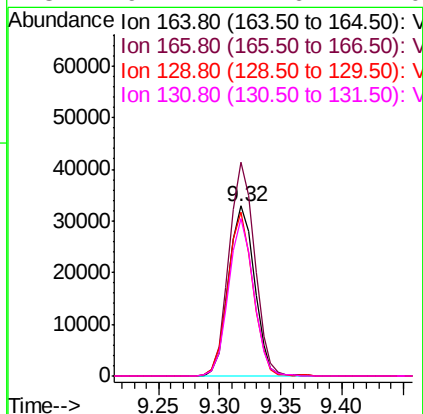
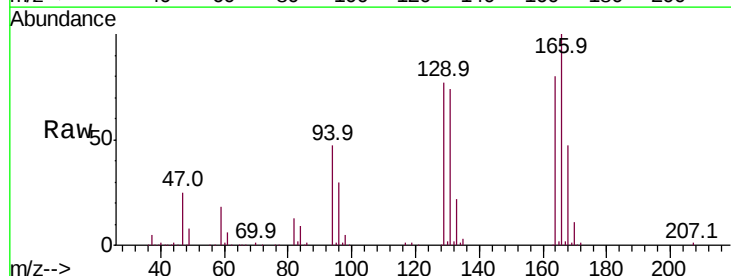
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

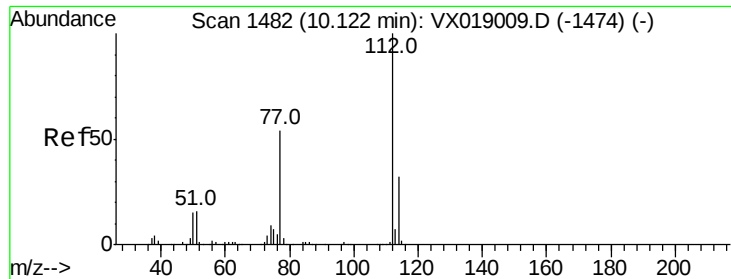
Tot Ion:117 Resp: 337241
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 31.4 25.6 38.4



#64
Tetrachloroethene
Concen: 18.789 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion:164 Resp: 48244
Ion Ratio Lower Upper
164 100
166 125.6 112.2 168.4
129 96.3 81.8 122.8
131 92.4 74.6 112.0

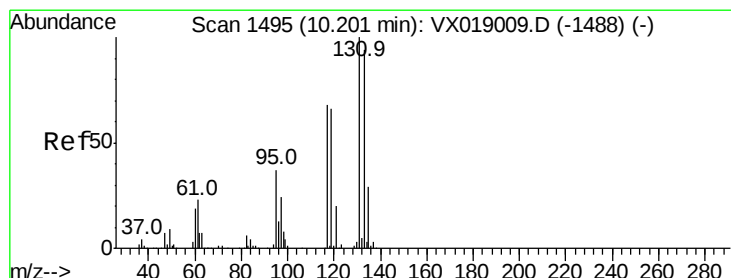
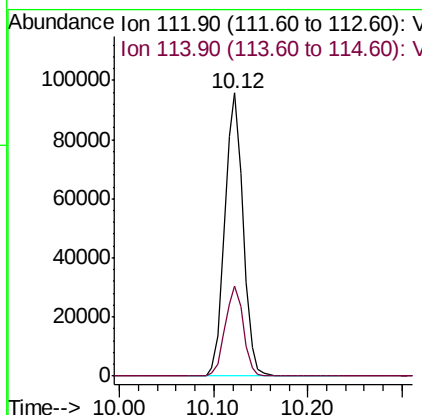
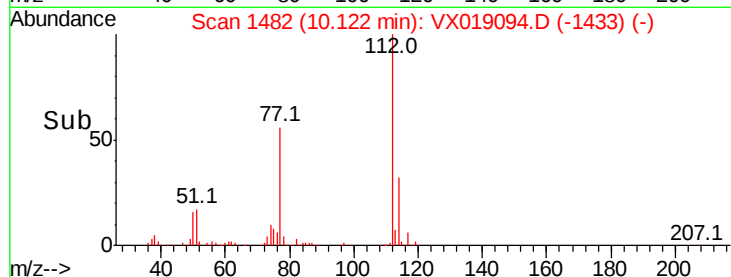
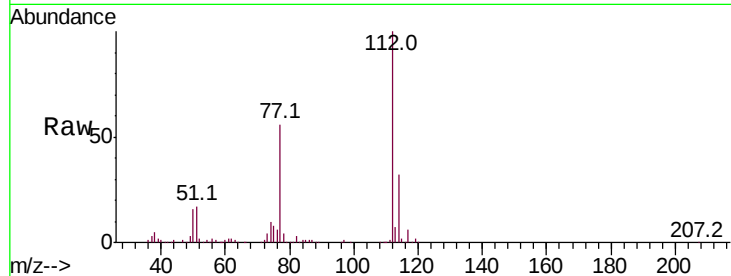




#65
Chlorobenzene
Concen: 18.180 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

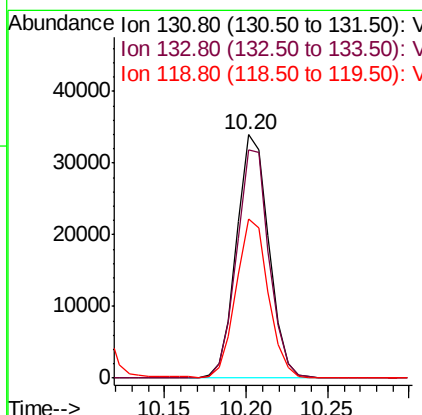
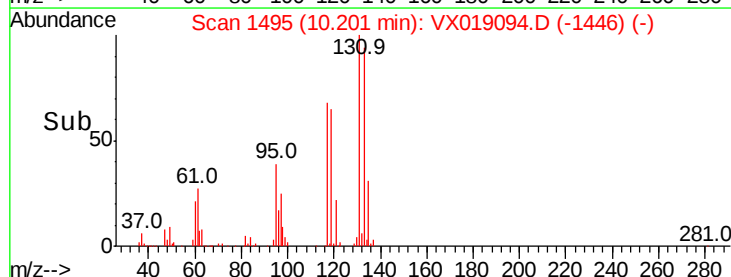
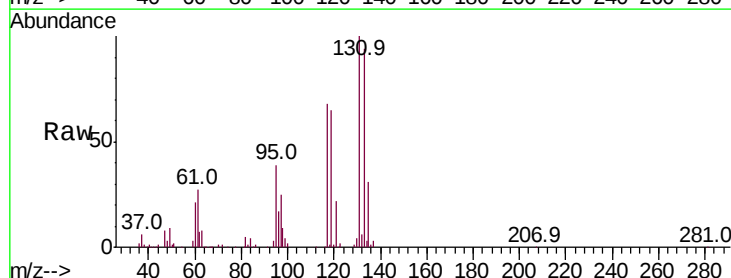
Instrument :
MSVOA_X
ClientSampled :
VX1023WBS02

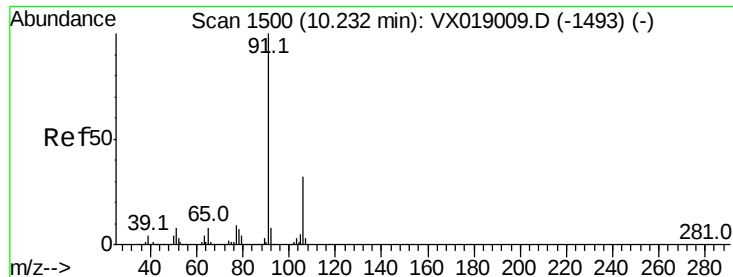
Tot Ion:112 Resp: 128606
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.712 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion:131 Resp: 47061
Ion Ratio Lower Upper
131 100
133 94.0 47.0 141.2
119 65.2 32.9 98.7

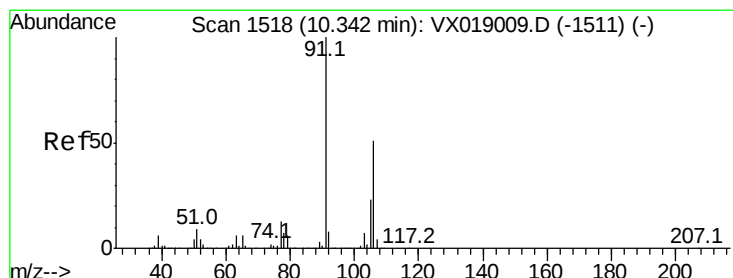
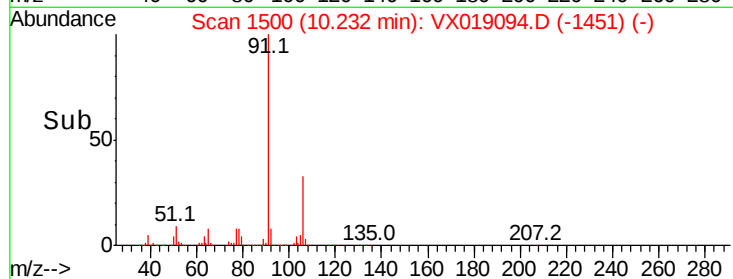
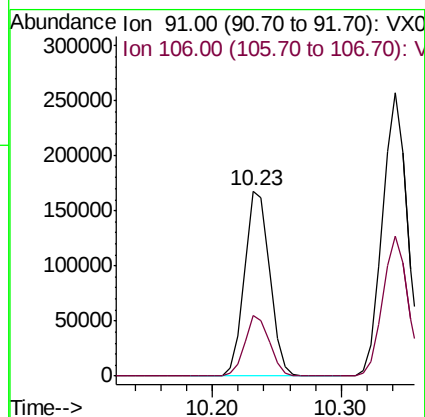
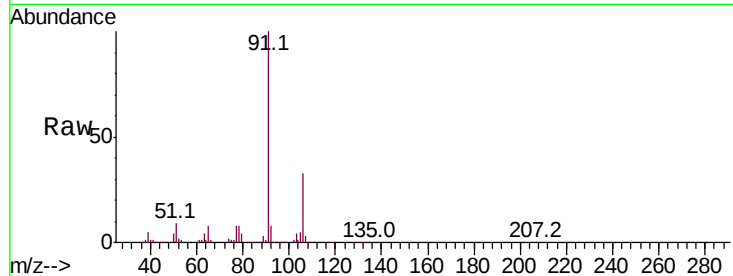




#67
Ethyl Benzene
Concen: 18.607 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

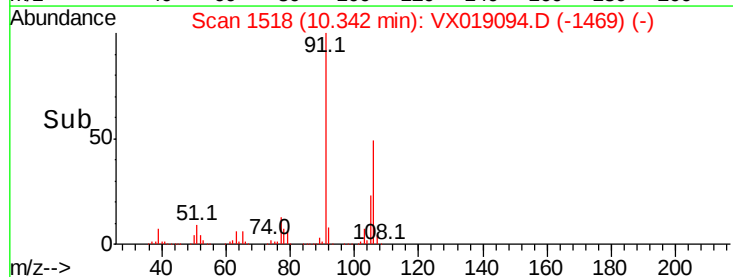
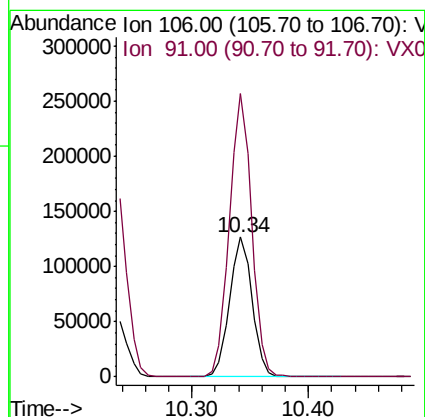
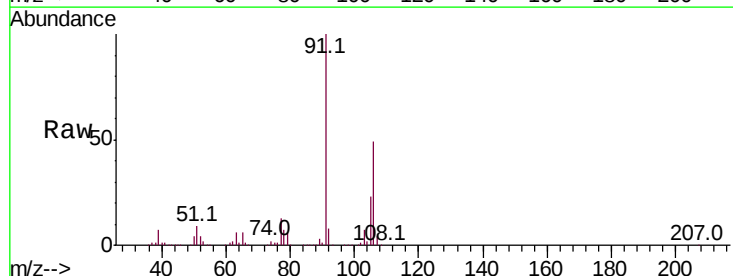
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

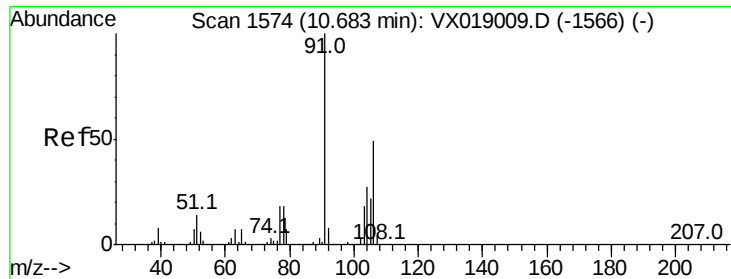
Tot Ion: 91 Resp: 226886
Ion Ratio Lower Upper
91 100
106 32.7 25.3 37.9



#68
m/p-Xylenes
Concen: 36.657 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion: 106 Resp: 171222
Ion Ratio Lower Upper
106 100
91 199.2 156.9 235.3

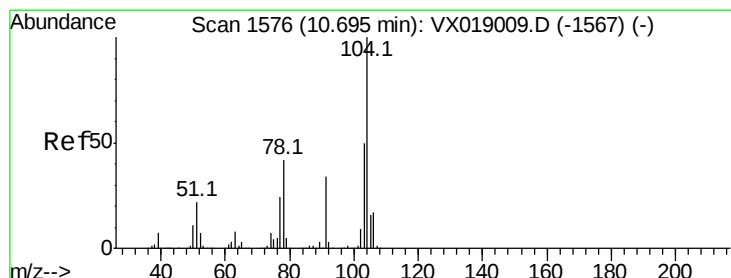
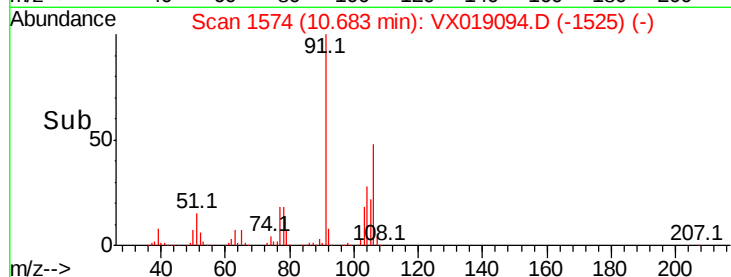
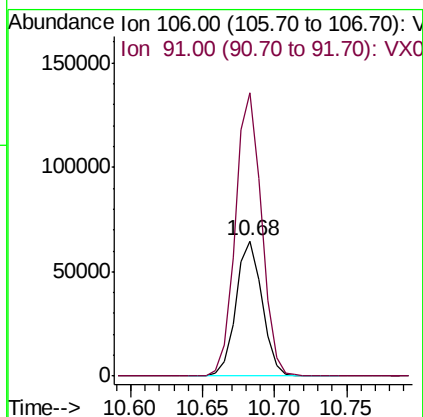
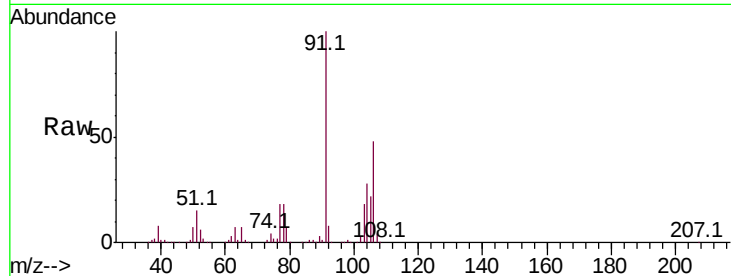




#69
o-Xylene
Concen: 18.432 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

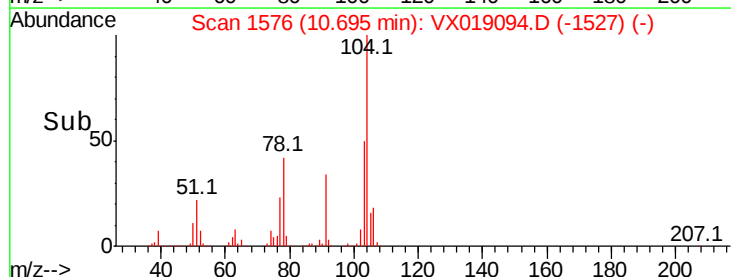
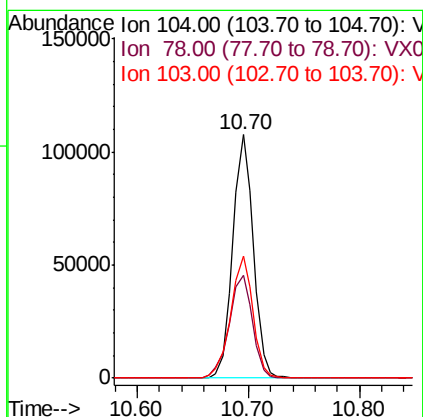
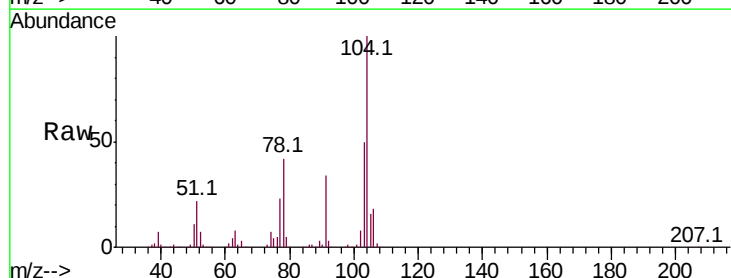
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

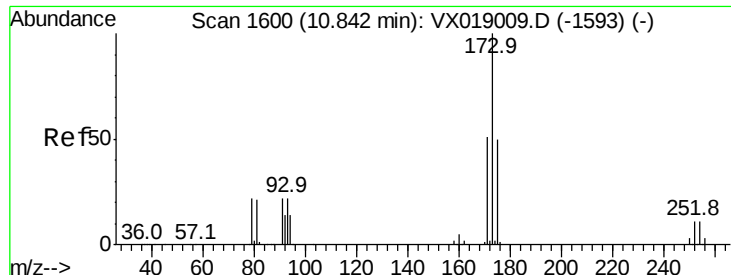
Tot Ion:106 Resp: 82398
Ion Ratio Lower Upper
106 100
91 210.0 104.0 312.0



#70
Styrene
Concen: 18.166 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion:104 Resp: 137877
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 54.4 43.5 65.3





#71

Bromoform

Concen: 16.959 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

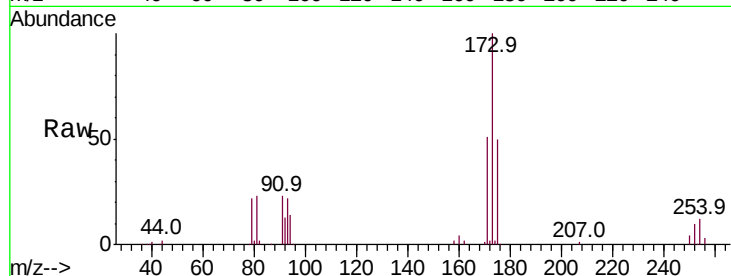
Tot Ion:173 Resp: 34432

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

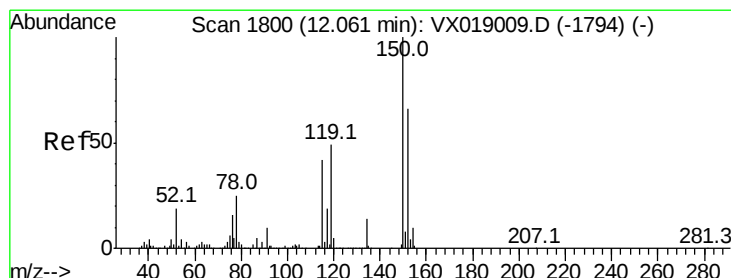
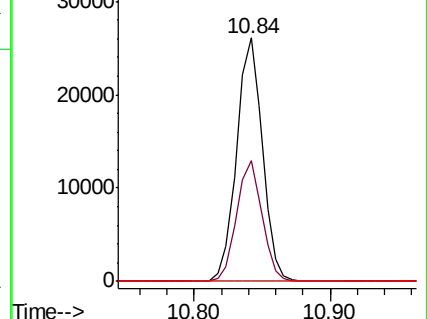
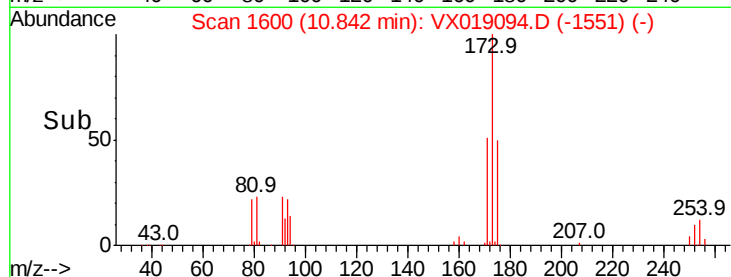
254 0.0 0.1 0.1#



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: VX019094.D

Acq: 23 Oct 2020 23:13

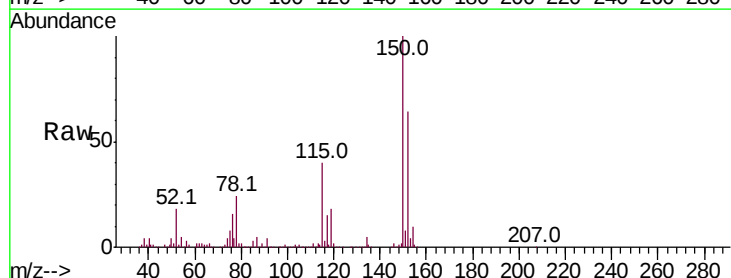
Tgt Ion:152 Resp: 168693

Ion Ratio Lower Upper

152 100

115 66.1 40.8 122.5

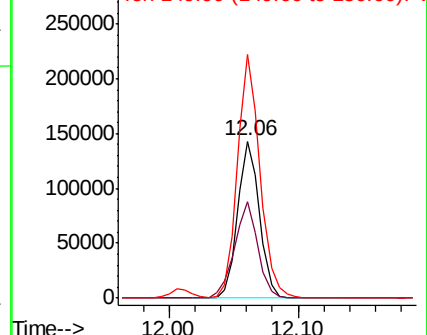
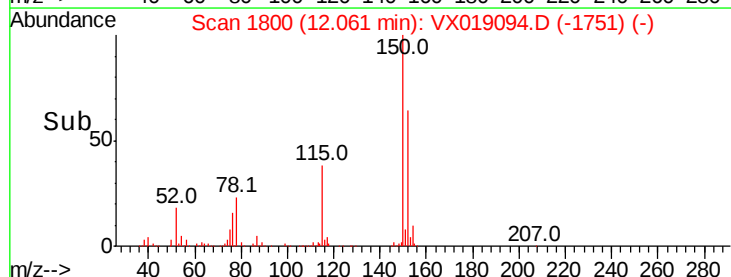
150 160.4 0.0 345.6

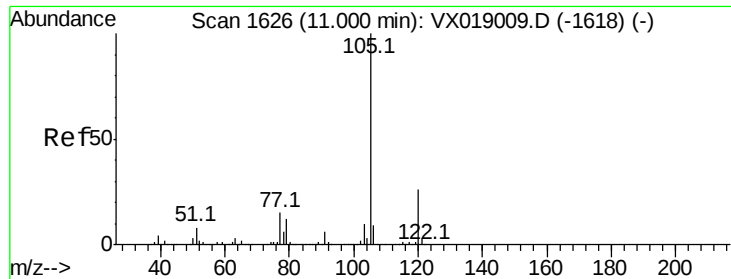


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.647 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

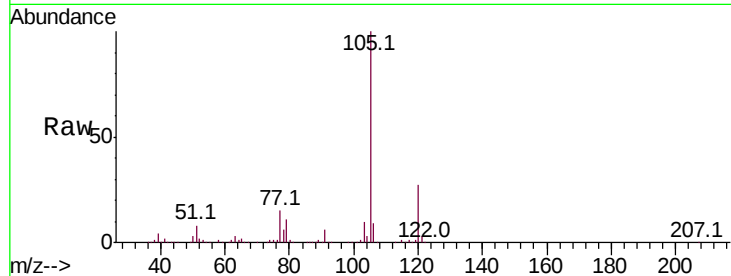
VX1023WBS02

Tot Ion:105 Resp: 226284

Ion Ratio Lower Upper

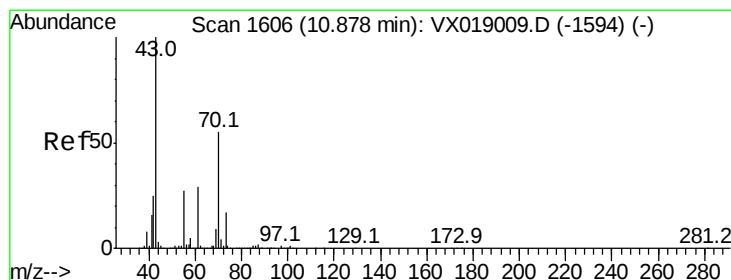
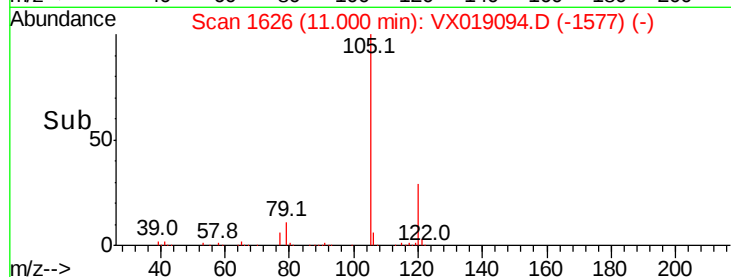
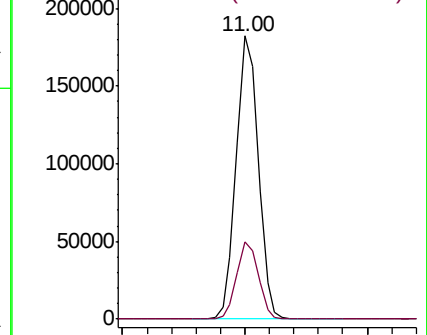
105 100

120 27.0 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.131 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Tgt Ion: 43 Resp: 70496

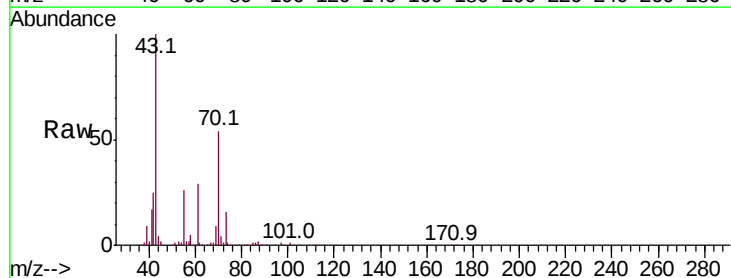
Ion Ratio Lower Upper

43 100

70 54.6 44.5 66.7

55 26.9 21.9 32.9

61 28.8 23.9 35.9

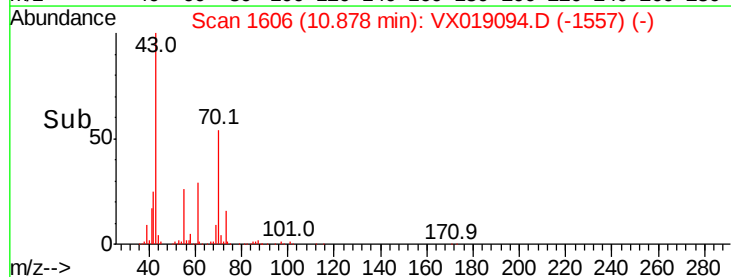
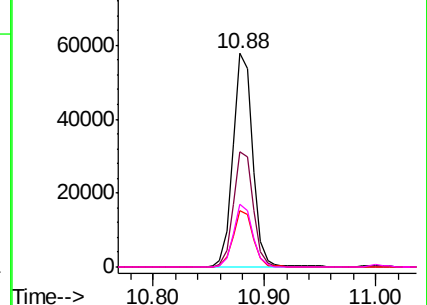


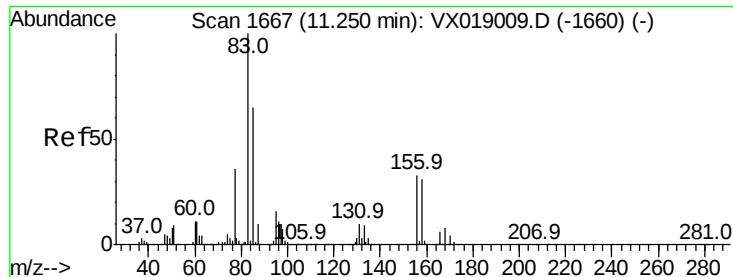
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.044 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

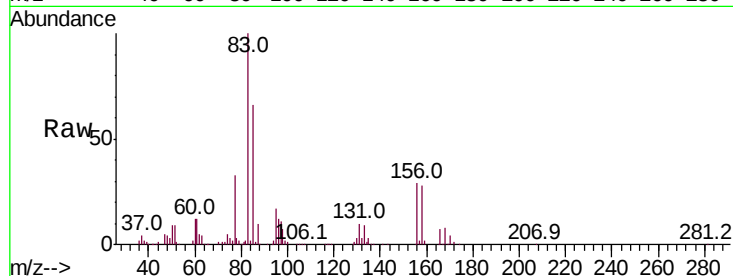
Tot Ion: 83 Resp: 69622

Ion Ratio Lower Upper

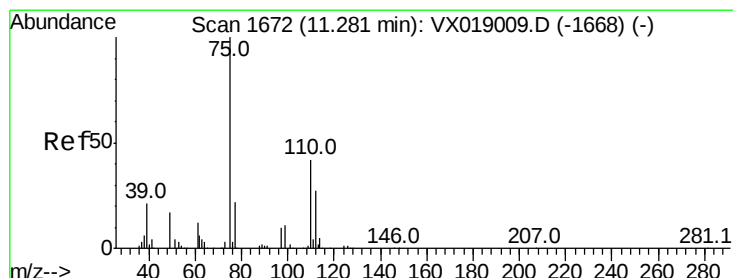
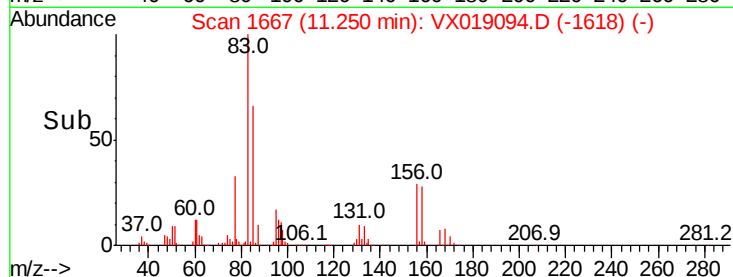
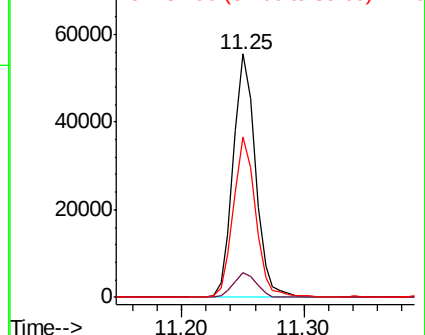
83 100

131 10.4 5.1 15.4

85 66.2 32.3 96.8



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: 23.081 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019094.D

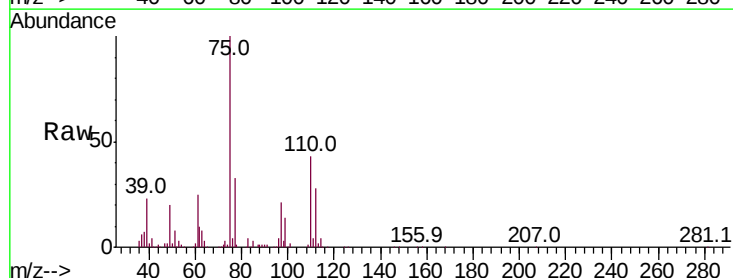
Acq: 23 Oct 2020 23:13

Tgt Ion: 75 Resp: 77821

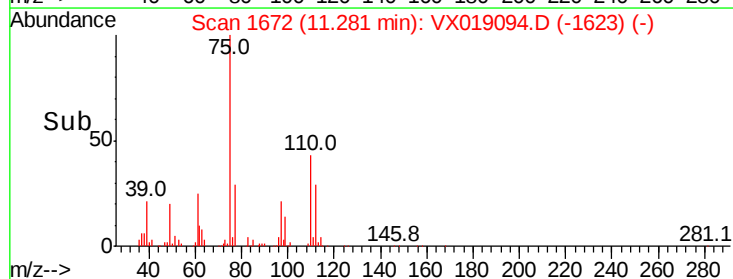
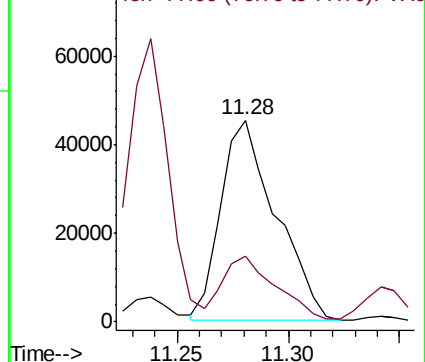
Ion Ratio Lower Upper

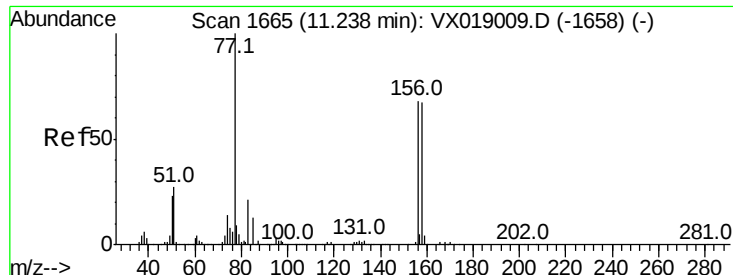
75 100

77 32.1 20.7 62.1



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





#77

Bromobenzene

Concen: 17.802 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

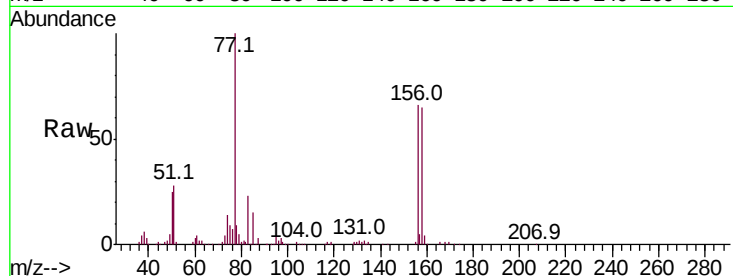
Tot Ion:156 Resp: 54559

Ion Ratio Lower Upper

156 100

77 149.4 74.4 223.1

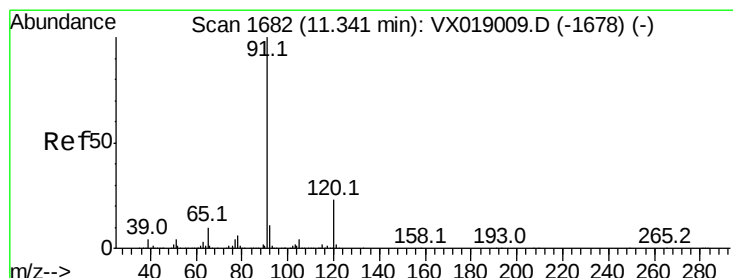
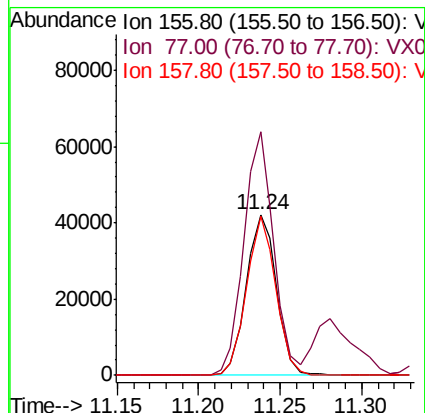
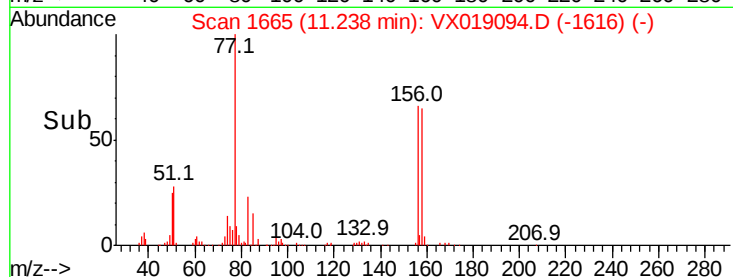
158 95.9 48.8 146.3



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: 18.208 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019094.D

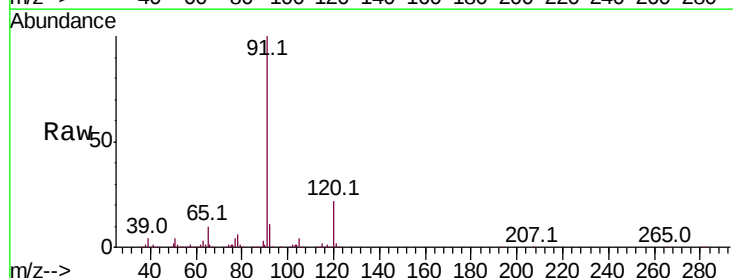
Acq: 23 Oct 2020 23:13

Tgt Ion: 91 Resp: 250375

Ion Ratio Lower Upper

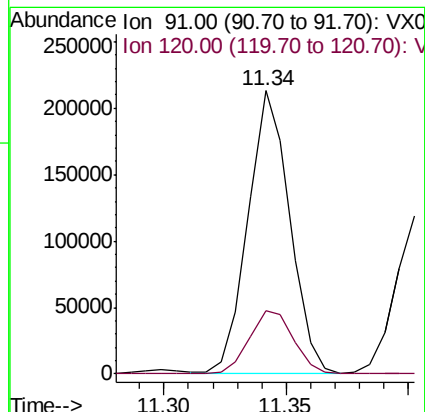
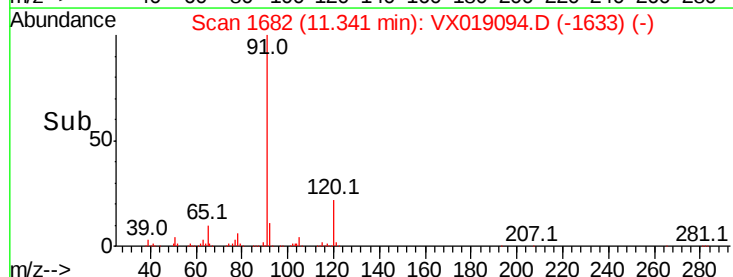
91 100

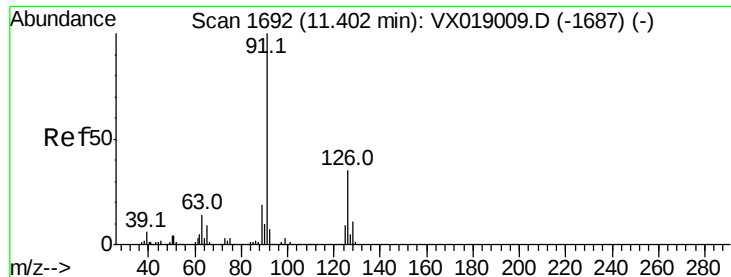
120 23.9 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.155 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

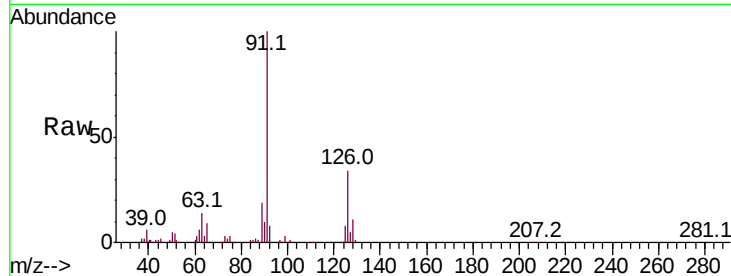
VX1023WBS02

Tot Ion: 91 Resp: 145644

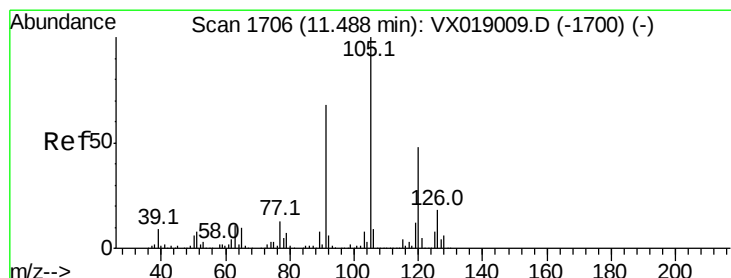
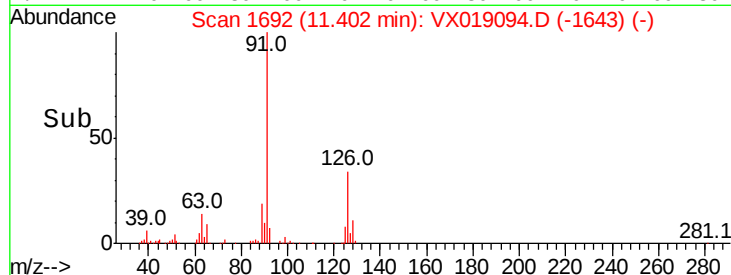
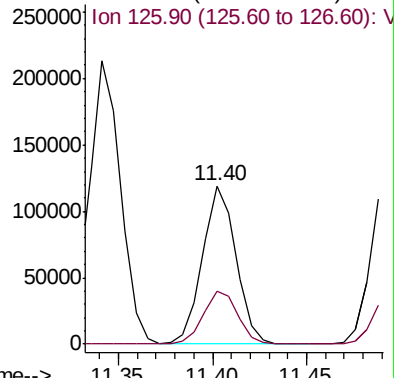
Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX019009.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.105 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019094.D

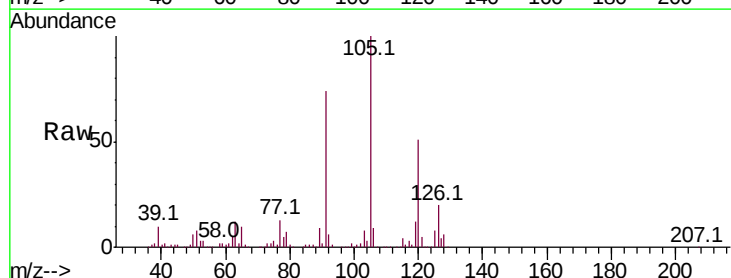
Acq: 23 Oct 2020 23:13

Tgt Ion: 105 Resp: 181431

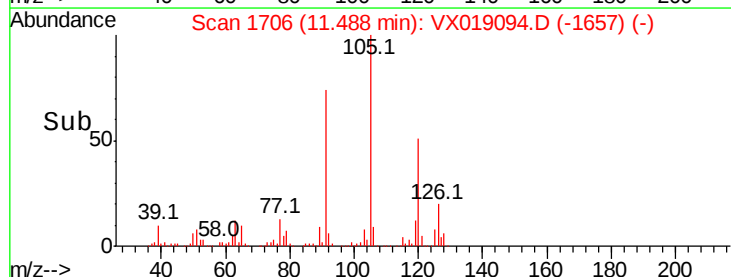
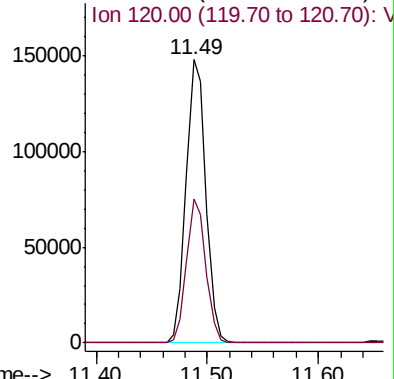
Ion Ratio Lower Upper

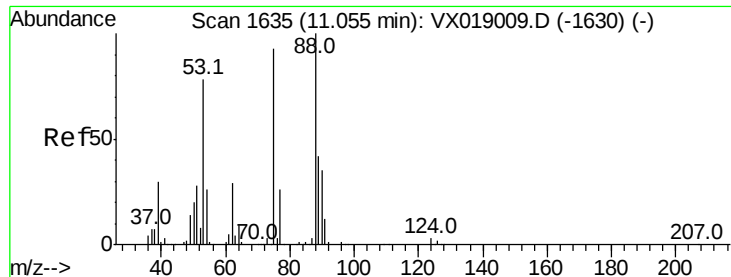
105 100

120 49.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX019009.D (-1700) (-)

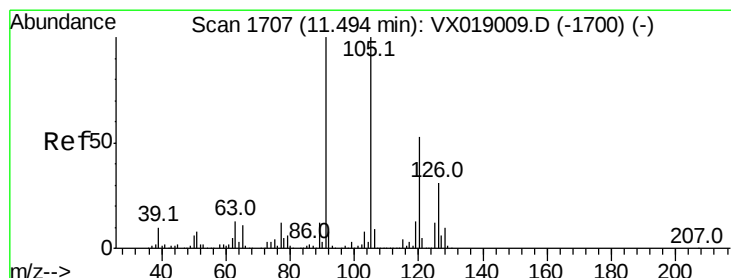
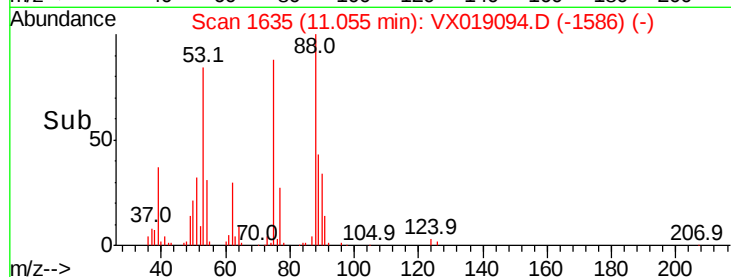
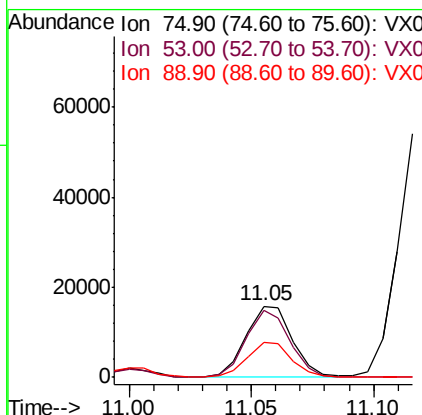
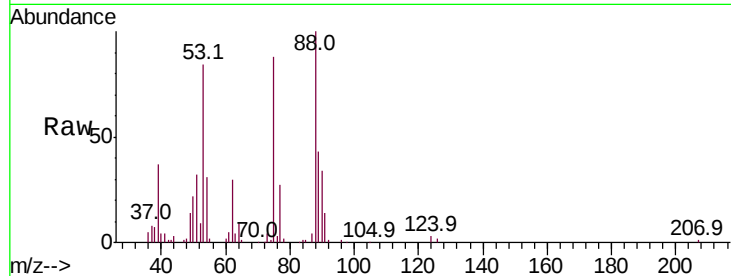




#81
trans-1,4-Dichloro-2-butene
Concen: 15.675 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

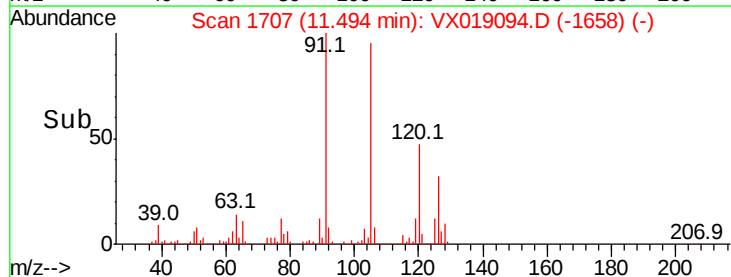
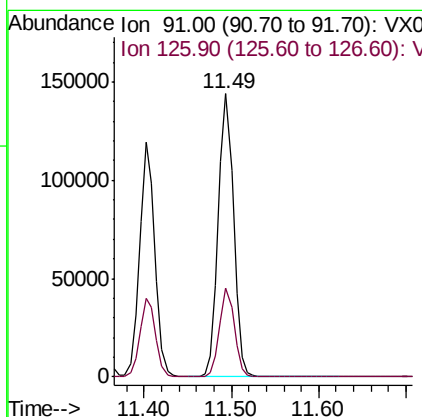
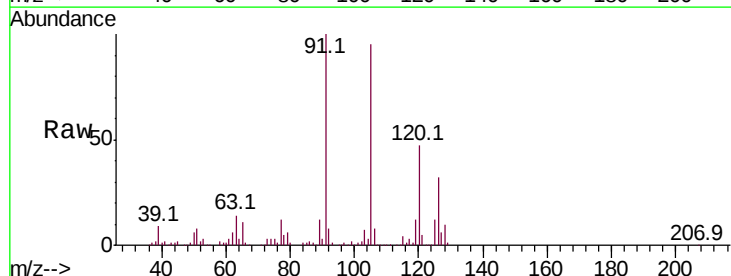
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

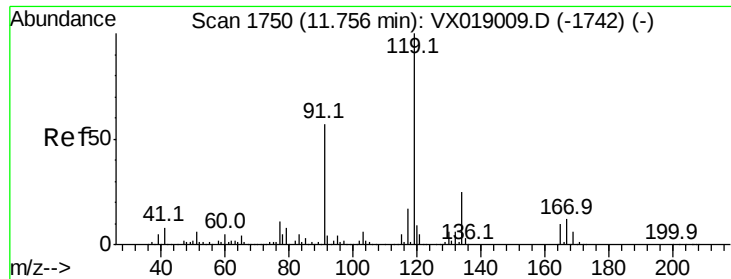
Tot Ion: 75 Resp: 20744
Ion Ratio Lower Upper
75 100
53 91.3 67.4 101.2
89 47.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 18.192 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion: 91 Resp: 173648
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.7

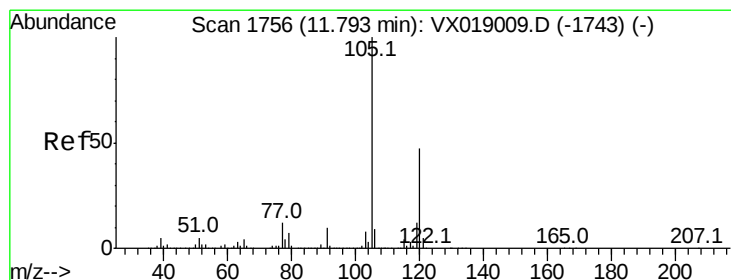
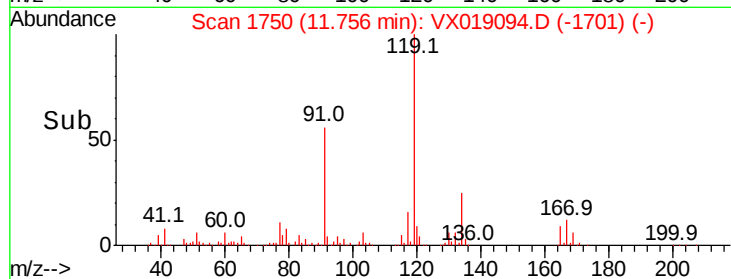
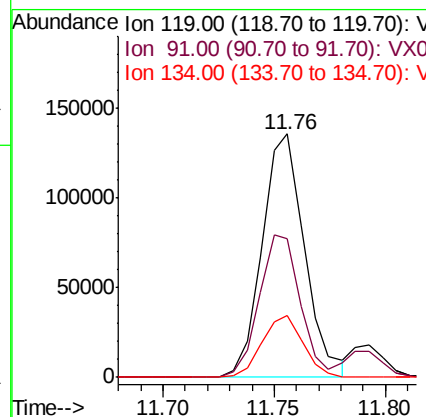
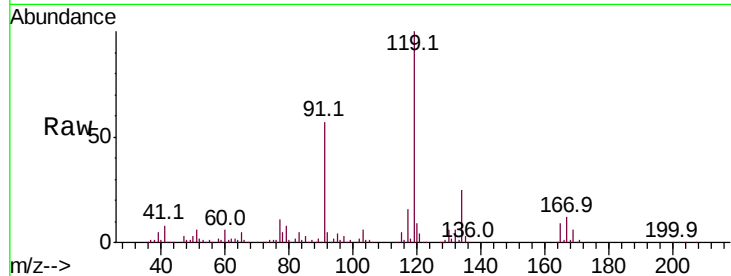




#83
tert-Butylbenzene
Concen: 18.248 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

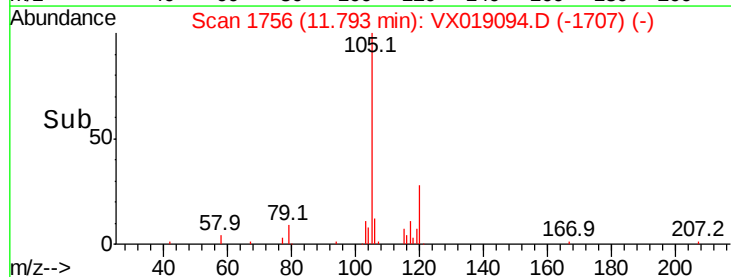
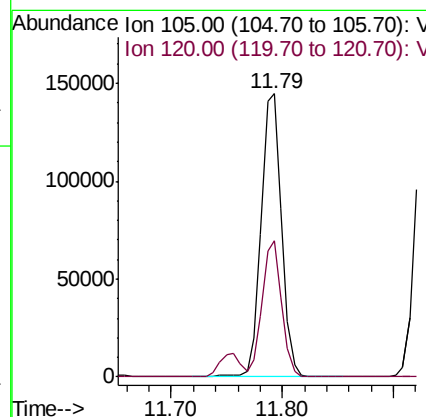
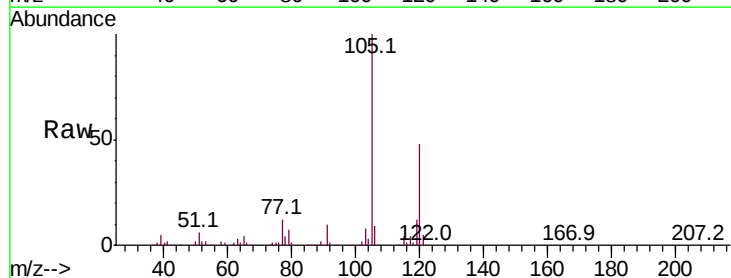
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

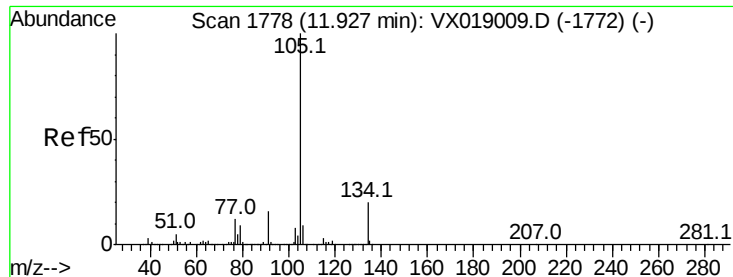
Tot Ion:119 Resp: 180145
Ion Ratio Lower Upper
119 100
91 56.4 28.1 84.4
134 24.4 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 18.539 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion:105 Resp: 186029
Ion Ratio Lower Upper
105 100
120 45.8 22.9 68.8

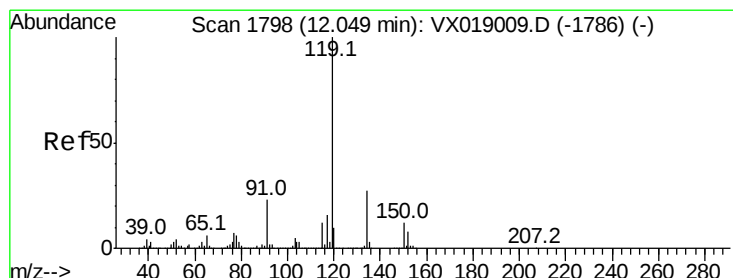
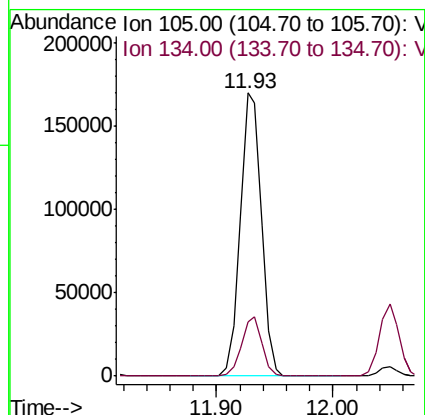
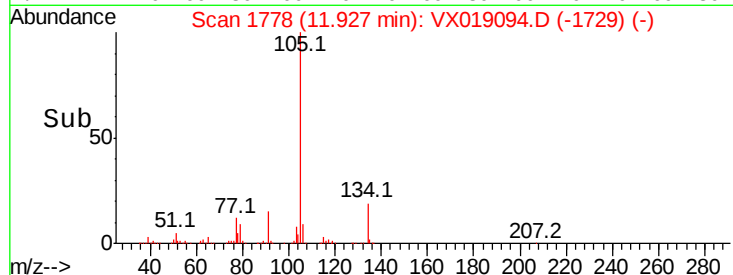
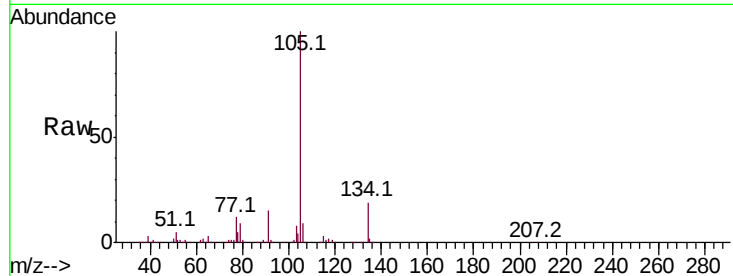




#85
 sec-Butylbenzene
 Concen: 18.070 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

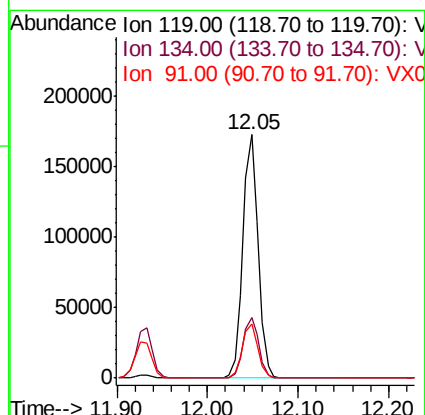
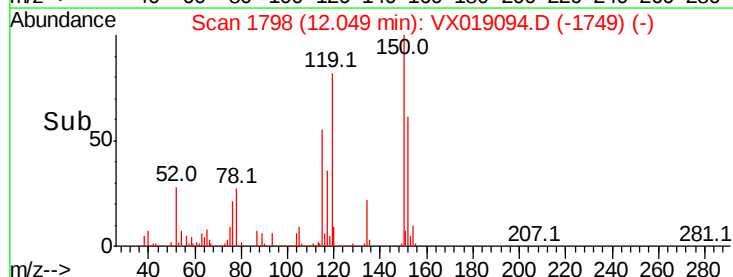
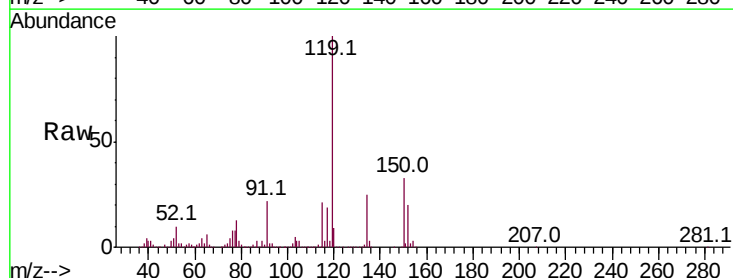
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

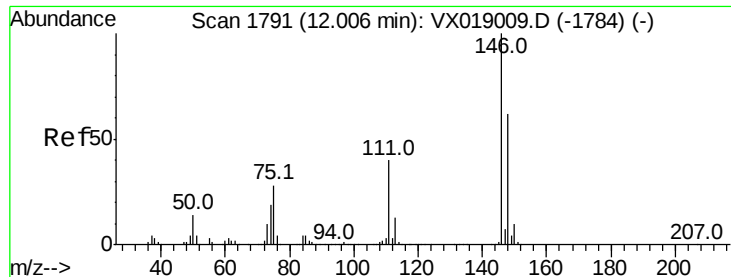
Tot Ion:105 Resp: 215870
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 18.430 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion:119 Resp: 201174
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 22.9 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 17.961 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

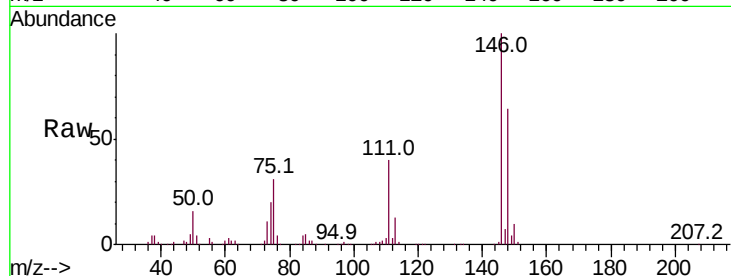
Tot Ion:146 Resp: 100976

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.1

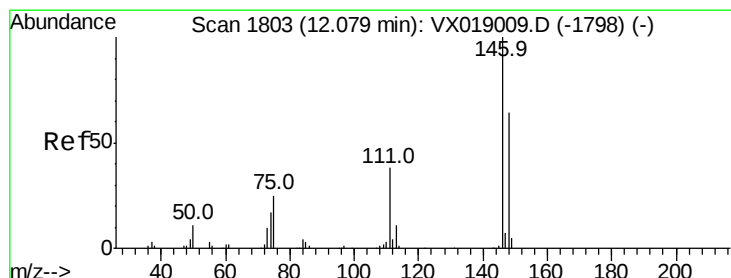
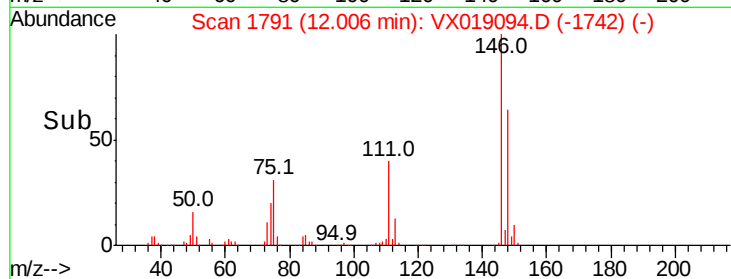
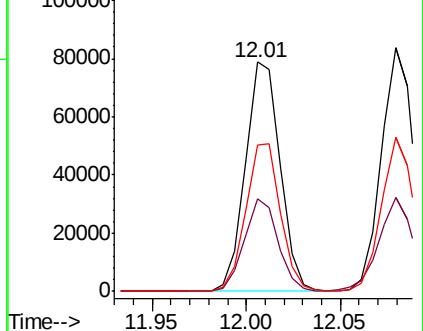
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.716 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

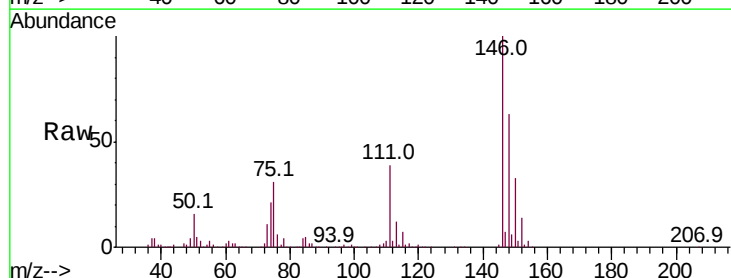
Tgt Ion:146 Resp: 102215

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

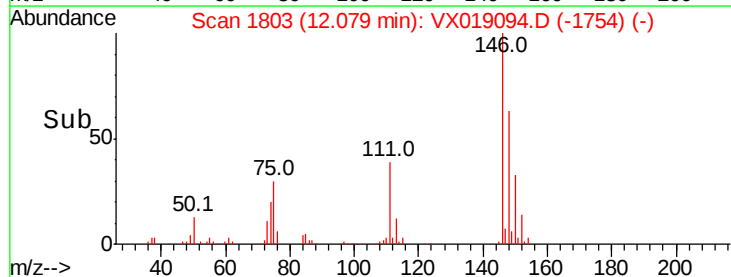
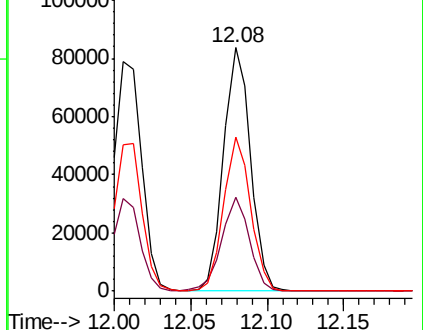
148 63.7 32.2 96.6

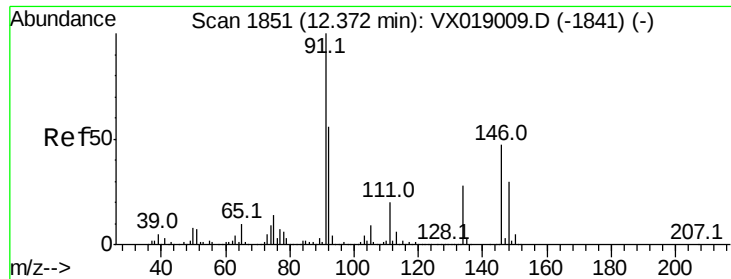


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

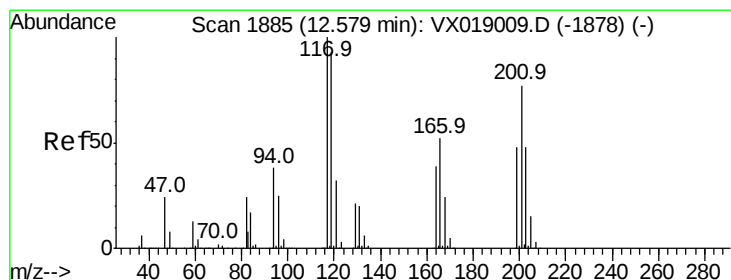
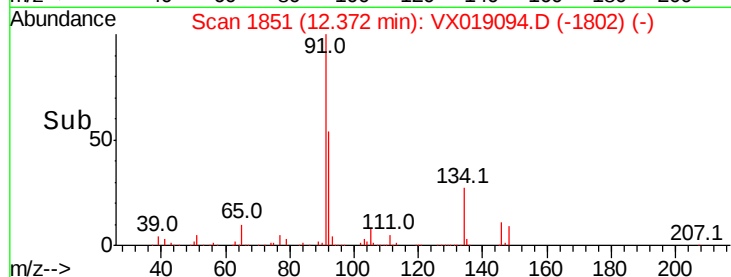
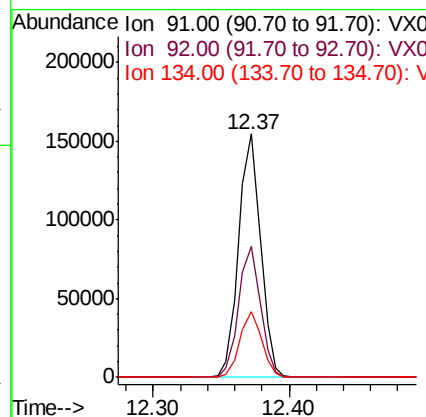
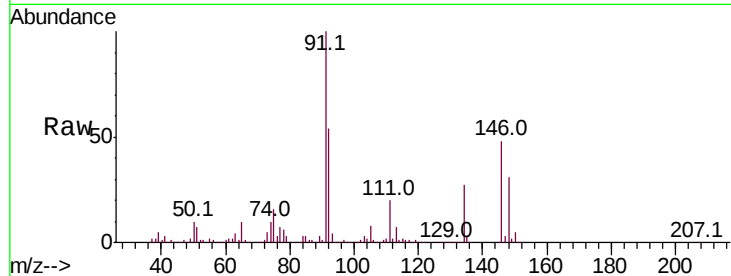




#89
n-Butylbenzene
Concen: 17.519 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

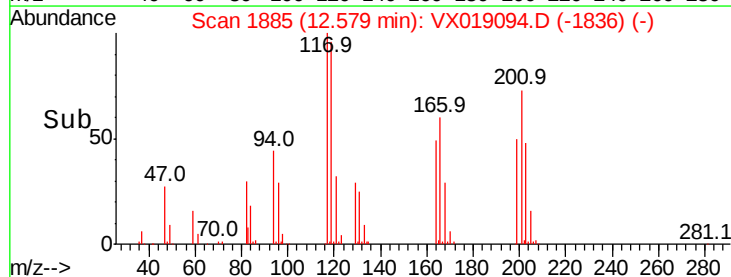
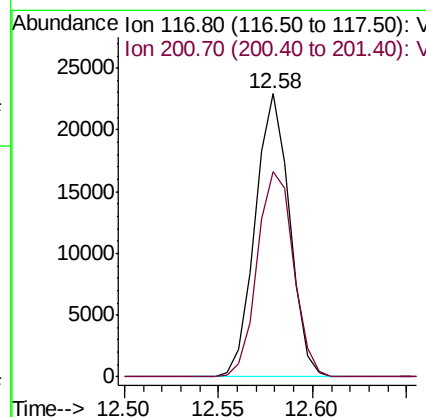
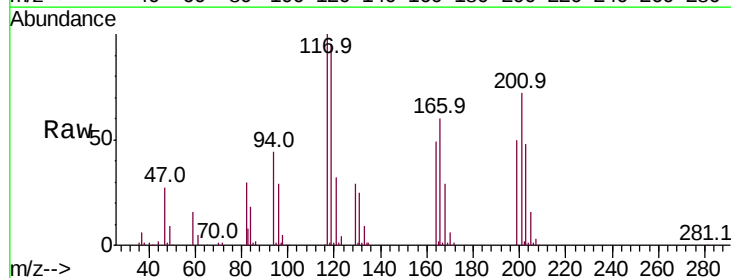
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

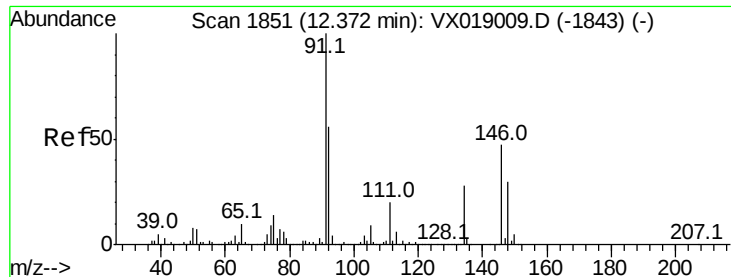
Tot Ion: 91 Resp: 175043
Ion Ratio Lower Upper
91 100
92 53.6 27.3 81.9
134 26.8 13.6 40.7



#90
Hexachloroethane
Concen: 17.339 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion: 117 Resp: 28975
Ion Ratio Lower Upper
117 100
201 76.7 37.1 111.3

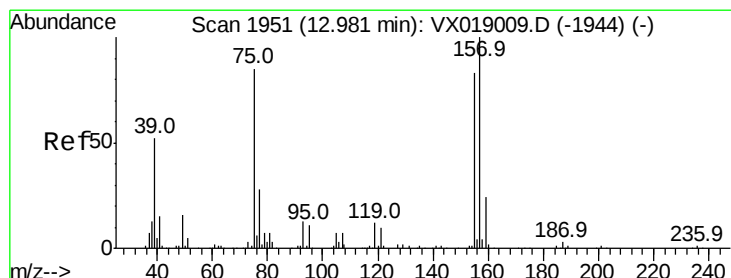
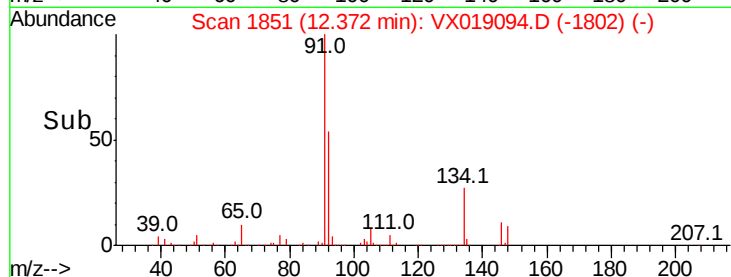
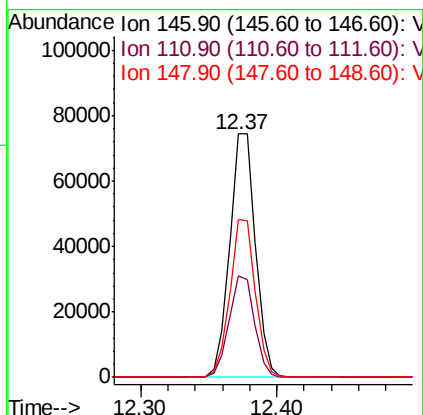
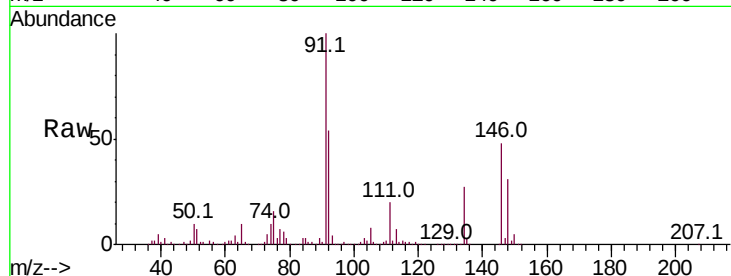




#91
 1,2-Dichlorobenzene
 Concen: 18.725 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

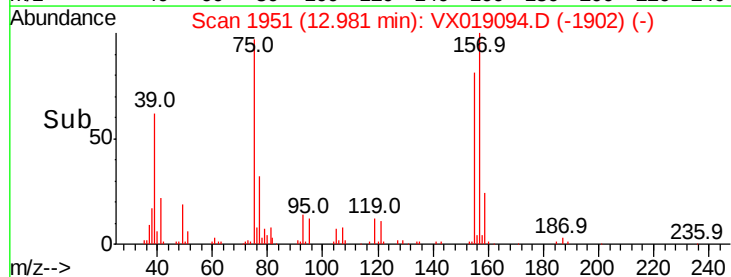
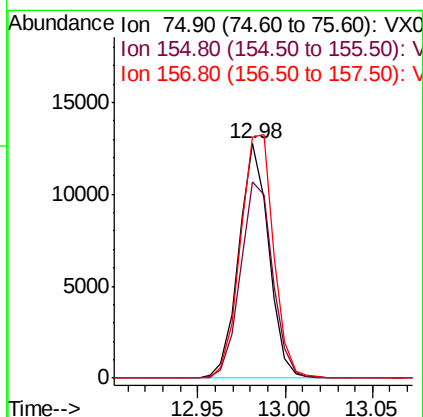
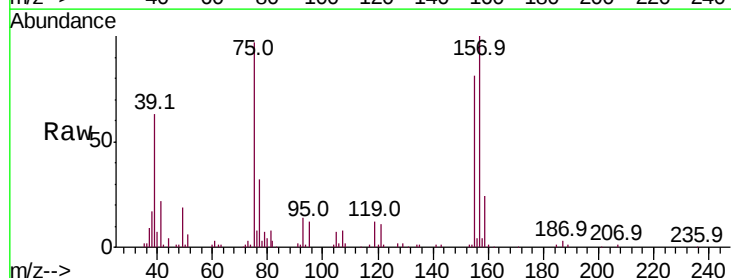
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

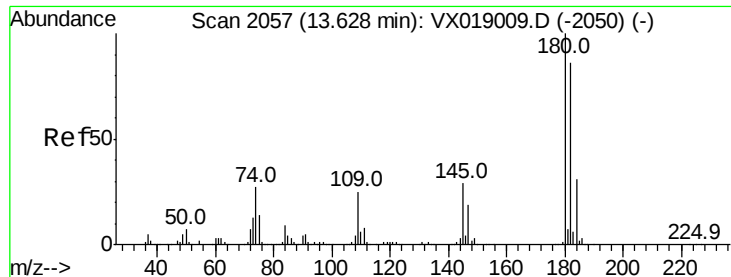
Tot Ion:146 Resp: 98154
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.9 59.7
 148 64.0 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.162 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion: 75 Resp: 15119
 Ion Ratio Lower Upper
 75 100
 155 89.7 47.3 142.0
 157 114.8 59.7 179.0

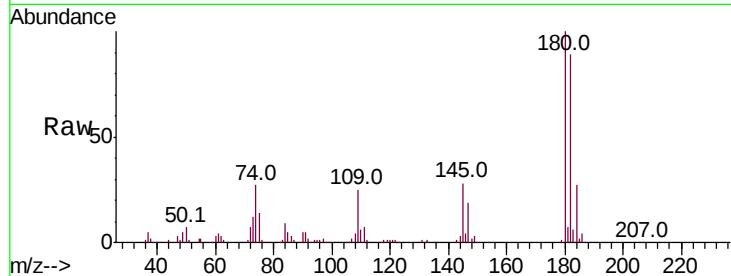




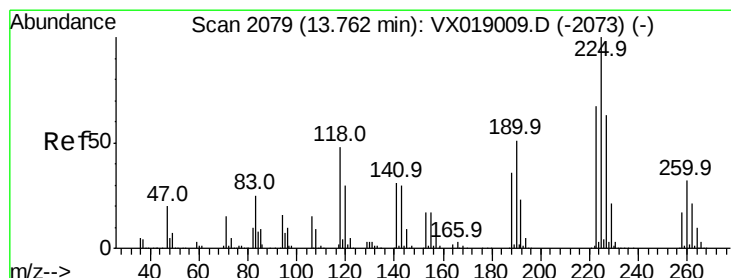
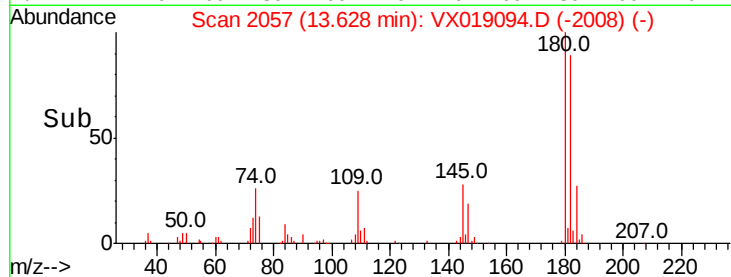
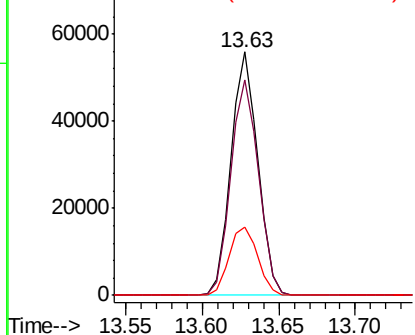
#93
 1,2,4-Trichlorobenzene
 Concen: 17.676 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

Tot Ion:180 Resp: 67788
 Ion Ratio Lower Upper
 180 100
 182 91.5 46.4 139.2
 145 29.9 15.2 45.6

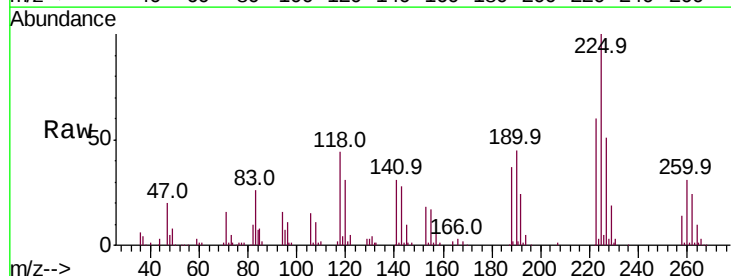


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

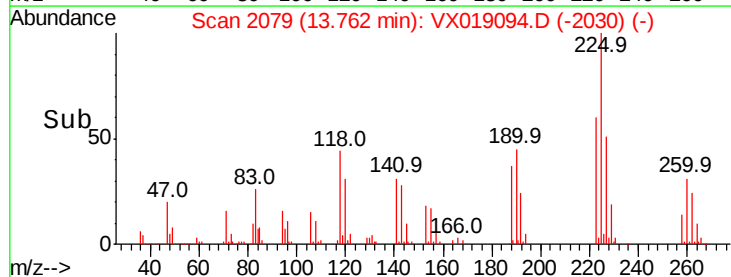
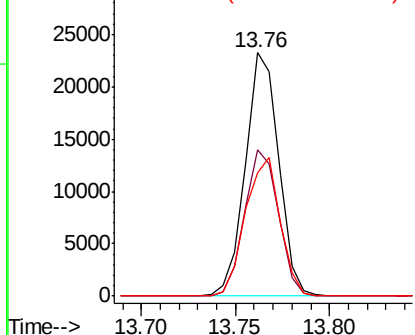


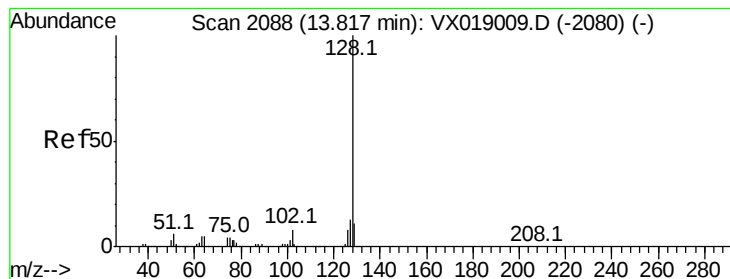
#94
 Hexachlorobutadiene
 Concen: 16.109 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion:225 Resp: 28640
 Ion Ratio Lower Upper
 225 100
 223 60.9 32.5 97.4
 227 59.3 31.9 95.7



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





#95

Naphthalene

Concen: 18.467 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

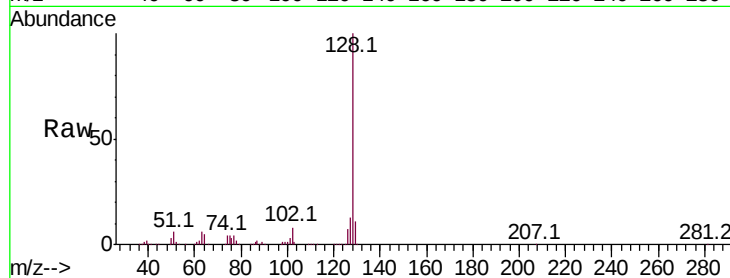
Tot Ion:128 Resp: 222831

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

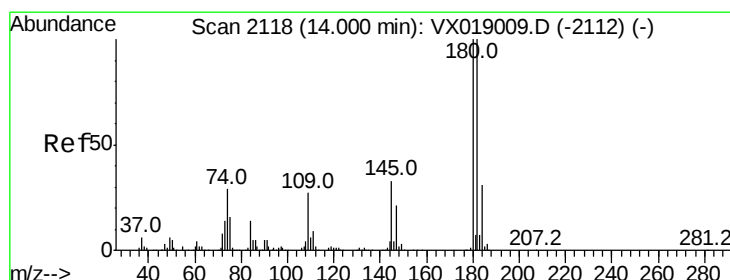
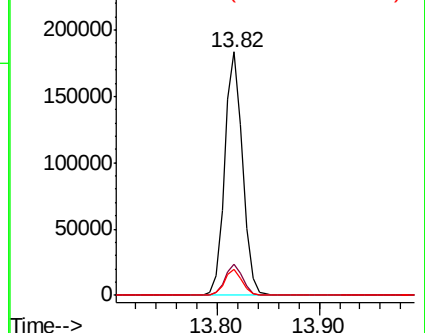
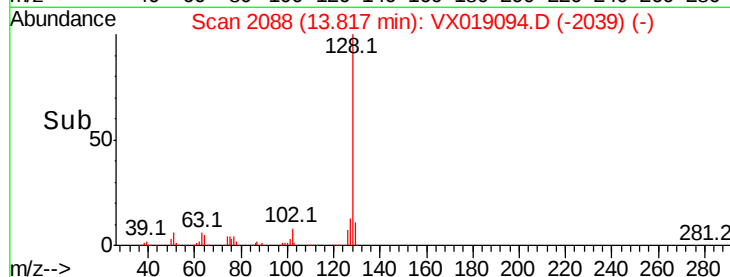
129 10.6 8.7 13.1



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: 17.690 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

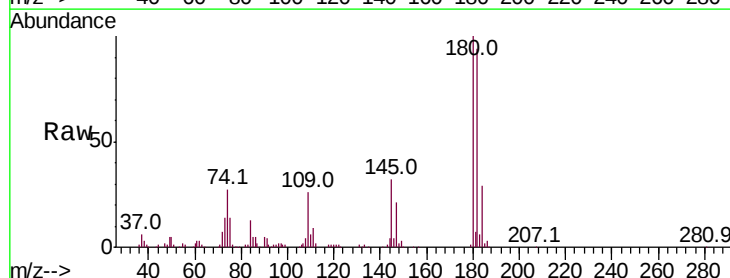
Tgt Ion:180 Resp: 66033

Ion Ratio Lower Upper

180 100

182 96.6 47.3 142.0

145 32.3 15.9 47.6



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

