

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019543.D
 Acq On : 23 Nov 2020 12:16
 Operator : JC/MD
 Sample : VX1123WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

Quant Time: Nov 24 00:30:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	304110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	505413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	437052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184245	46.73	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.46%
35) Dibromofluoromethane	5.46	113	150093	47.31	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.62%
50) Toluene-d8	8.70	98	569412	46.19	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.38%
62) 4-Bromofluorobenzene	11.12	95	208855	47.09	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.18%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	53788	18.188	ug/l 99
3) Chloromethane	1.31	50	53459	15.753	ug/l 100
4) Vinyl Chloride	1.39	62	63491	17.380	ug/l 97
5) Bromomethane	1.62	94	20674	14.941	ug/l 98
6) Chloroethane	1.68	64	15507	14.412	ug/l 99
7) Trichlorofluoromethane	1.89	101	95022	18.022	ug/l 97
8) Diethyl Ether	2.17	74	38937	18.439	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.35	101	54101	18.392	ug/l 99
10) Methyl Iodide	2.48	142	60755	15.722	ug/l 100
11) Tert butyl alcohol	3.04	59	75113	100.658	ug/l 99
12) 1,1-Dichloroethene	2.34	96	54819	18.157	ug/l 95
13) Acrolein	2.28	56	34834	69.445	ug/l 99
14) Allyl chloride	2.70	41	82818	17.510	ug/l 99
15) Acrylonitrile	3.12	53	158634	90.140	ug/l 99
16) Acetone	2.43	43	137885	90.426	ug/l 98
17) Carbon Disulfide	2.54	76	135132	16.660	ug/l 99
18) Methyl Acetate	2.75	43	67329	18.414	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	199891	19.180	ug/l 98
20) Methylene Chloride	2.82	84	64145	16.831	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	62162	18.172	ug/l 99
22) Diisopropyl ether	3.82	45	177897	18.182	ug/l 96
23) Vinyl Acetate	3.78	43	771680	94.026	ug/l 100
24) 1,1-Dichloroethane	3.66	63	107605	17.980	ug/l 100
25) 2-Butanone	4.64	43	209778	91.582	ug/l 99
26) 2,2-Dichloropropane	4.54	77	96344	18.443	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	72108	18.351	ug/l 96
28) Bromochloromethane	4.97	49	48216	16.851	ug/l 97
29) Tetrahydrofuran	5.09	42	131443	89.936	ug/l 98
30) Chloroform	5.17	83	113121	18.077	ug/l 99
31) Cyclohexane	5.54	56	92175	17.973	ug/l 97
32) 1,1,1-Trichloroethane	5.45	97	100795	18.751	ug/l 99
36) 1,1-Dichloropropene	5.76	75	83727	17.670	ug/l 98
37) Ethyl Acetate	4.79	43	81458	18.312	ug/l 99
38) Carbon Tetrachloride	5.74	117	84193	18.358	ug/l 98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

Quant Time: Nov 24 00:30:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	97159	17.611	ug/l	98
40) Benzene	6.10	78	256943	17.649	ug/l	99
41) Methacrylonitrile	5.00	41	43539	17.750	ug/l	98
42) 1,2-Dichloroethane	6.15	62	90419	18.120	ug/l	99
43) Isopropyl Acetate	6.41	43	133844	17.900	ug/l	99
44) Trichloroethene	7.18	130	68748	18.028	ug/l	95
45) 1,2-Dichloropropane	7.48	63	63859	17.818	ug/l	98
46) Dibromomethane	7.63	93	43823	17.865	ug/l	99
47) Bromodichloromethane	7.87	83	85526	17.968	ug/l	98
48) Methyl methacrylate	7.74	41	63984	18.271	ug/l	99
49) 1,4-Dioxane	7.72	88	31206	392.469	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	399954	91.725	ug/l	99
52) Toluene	8.76	92	161850	18.173	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	94229	18.330	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	104851	18.379	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	65682	18.109	ug/l	96
56) Ethyl methacrylate	9.16	69	95515	18.610	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107985	17.782	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	250725	83.371	ug/l	98
59) 2-Hexanone	9.47	43	306151	92.577	ug/l	99
60) Dibromochloromethane	9.56	129	64661	18.200	ug/l	98
61) 1,2-Dibromoethane	9.65	107	67150	17.961	ug/l	98
64) Tetrachloroethene	9.32	164	60015	17.469	ug/l	92
65) Chlorobenzene	10.12	112	166528	18.532	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	62223	19.037	ug/l	98
67) Ethyl Benzene	10.23	91	297223	18.881	ug/l	99
68) m/p-Xylenes	10.34	106	222819	37.992	ug/l	100
69) o-Xylene	10.68	106	107234	19.127	ug/l	100
70) Styrene	10.70	104	178527	18.282	ug/l	99
71) Bromoform	10.84	173	46145	19.068	ug/l #	97
73) Isopropylbenzene	11.00	105	287250	19.690	ug/l	100
74) N-amyl acetate	10.88	43	112782	20.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	99357	19.045	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	110687	24.051	ug/l	87
77) Bromobenzene	11.24	156	70904	19.039	ug/l	99
78) n-propylbenzene	11.34	91	320172	19.131	ug/l	99
79) 2-Chlorotoluene	11.40	91	196325	19.343	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	238600	19.497	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	30878	20.821	ug/l	98
82) 4-Chlorotoluene	11.49	91	228937	19.161	ug/l	100
83) tert-Butylbenzene	11.76	119	233889	19.755	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	245949	19.863	ug/l	100
85) sec-Butylbenzene	11.93	105	268050	19.031	ug/l	99
86) p-Isopropyltoluene	12.05	119	247396	19.346	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	127894	18.699	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	129636	18.401	ug/l	97
89) n-Butylbenzene	12.37	91	210257	18.186	ug/l	100
90) Hexachloroethane	12.58	117	39186	18.312	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	127105	18.503	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21510	20.210	ug/l	96

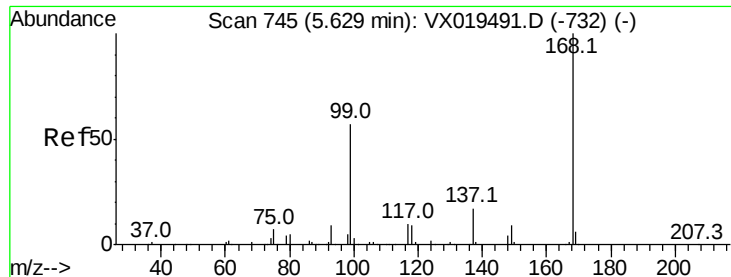
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
Data File : VX019543.D
Acq On : 23 Nov 2020 12:16
Operator : JC/MD
Sample : VX1123WBS01
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Nov 24 00:30:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	81850	18.559	ug/l	99
94) Hexachlorobutadiene	13.76	225	32622	16.238	ug/l	98
95) Naphthalene	13.82	128	280202	19.407	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	79837	18.098	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

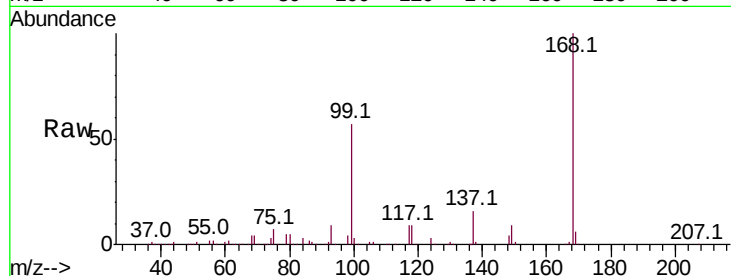
VX1123WBS01

Tot Ion:168 Resp: 304110

Ion Ratio Lower Upper

168 100

99 57.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

60000

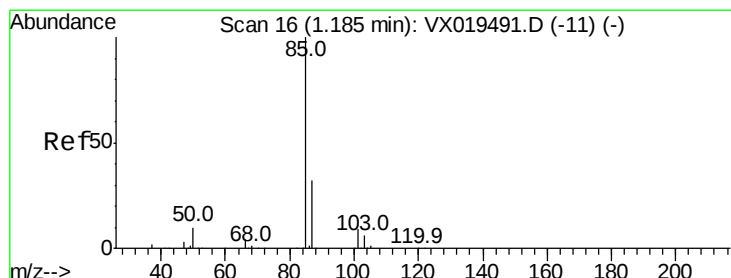
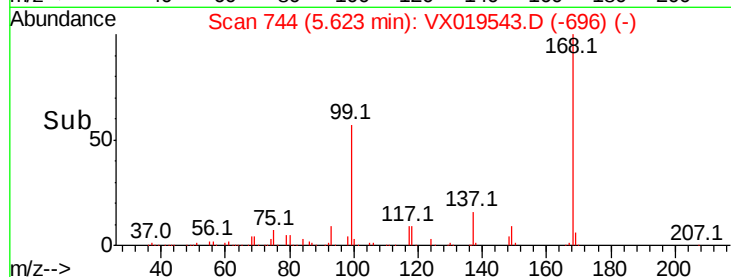
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.188 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX019543.D

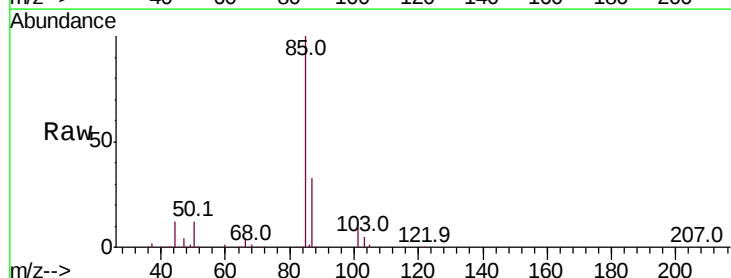
Acq: 23 Nov 2020 12:16

Tgt Ion: 85 Resp: 53788

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

30000

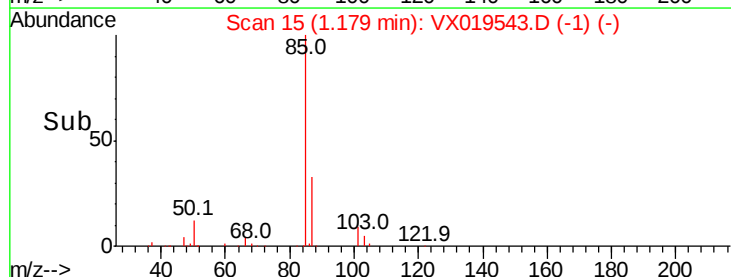
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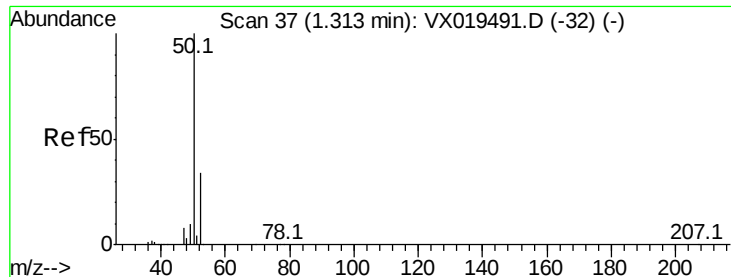
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Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 15.753 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

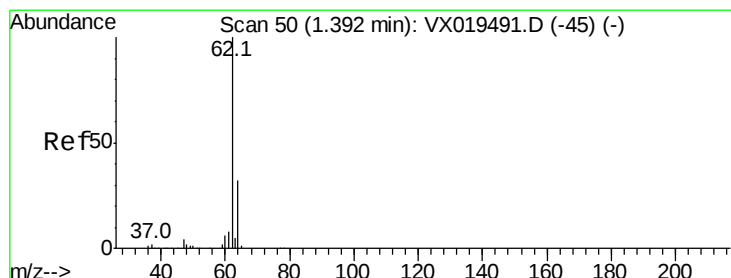
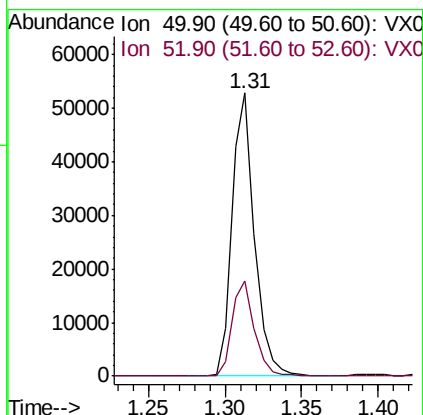
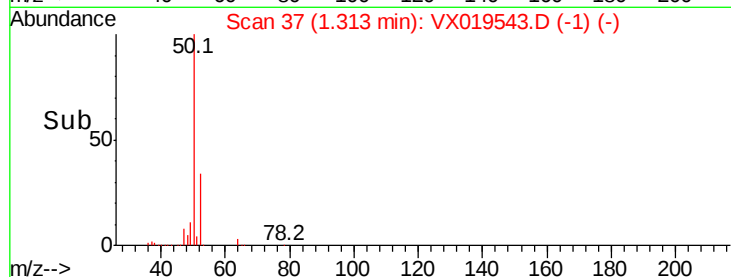
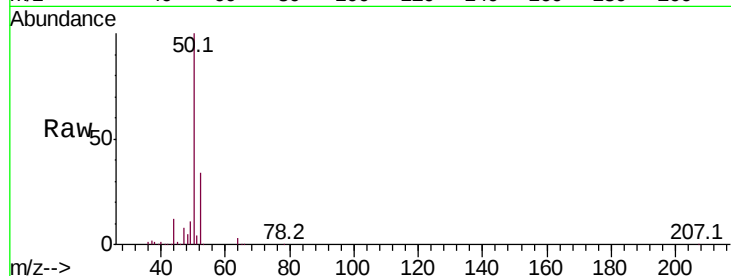
VX1123WBS01

Tot Ion: 50 Resp: 53459

Ion Ratio Lower Upper

50 100

52 33.7 27.0 40.6



#4

Vinyl Chloride

Concen: 17.380 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019543.D

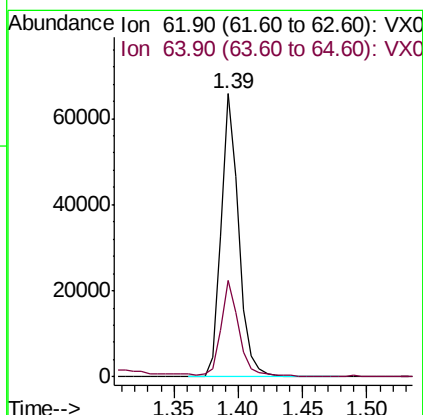
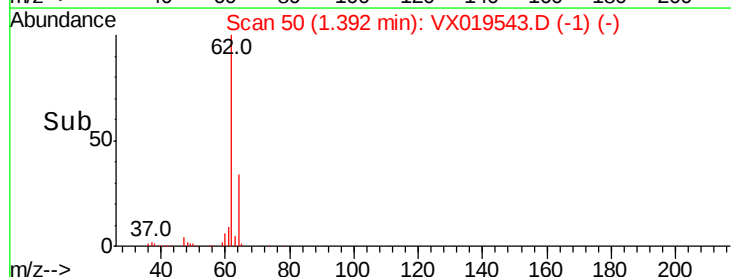
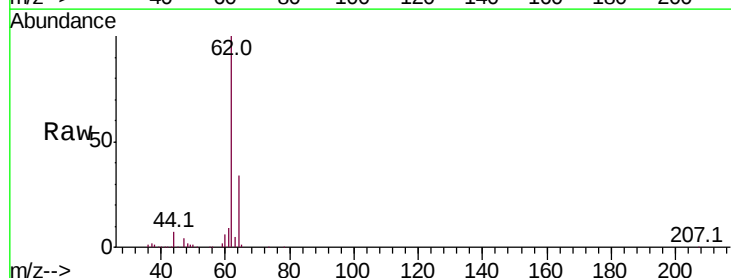
Acq: 23 Nov 2020 12:16

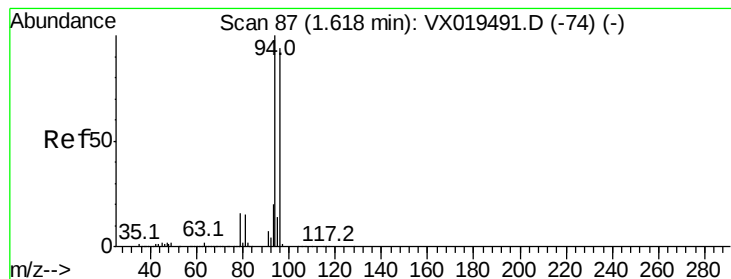
Tgt Ion: 62 Resp: 63491

Ion Ratio Lower Upper

62 100

64 33.5 25.4 38.2





#5

Bromomethane

Concen: 14.941 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

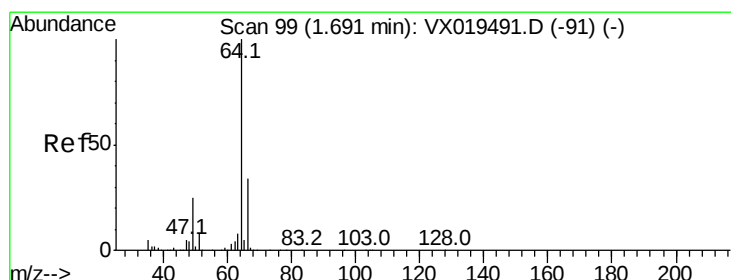
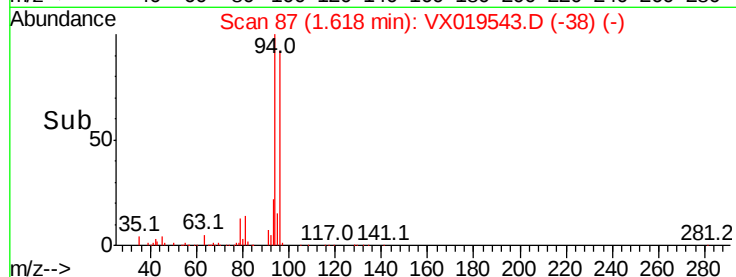
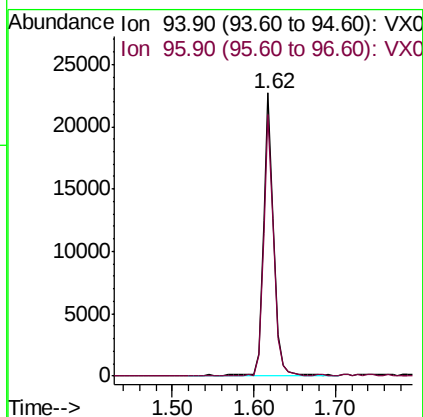
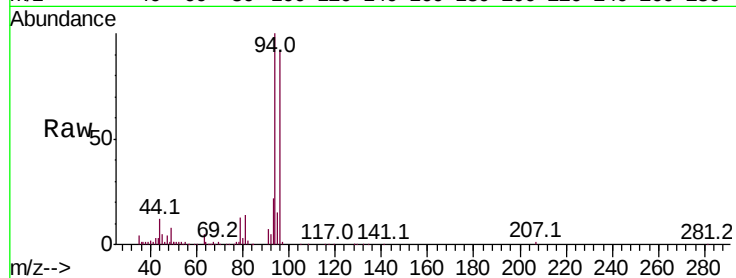
VX1123WBS01

Tot Ion: 94 Resp: 20674

Ion Ratio Lower Upper

94 100

96 92.4 75.6 113.4



#6

Chloroethane

Concen: 14.412 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.01 min

Lab File: VX019543.D

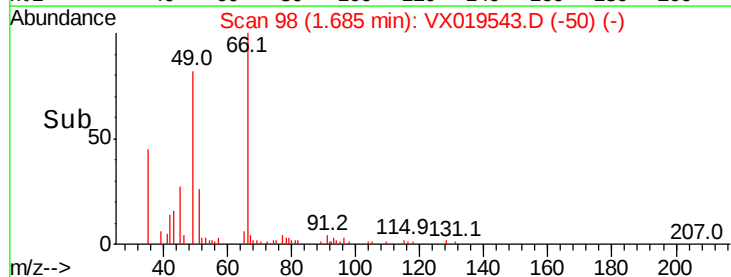
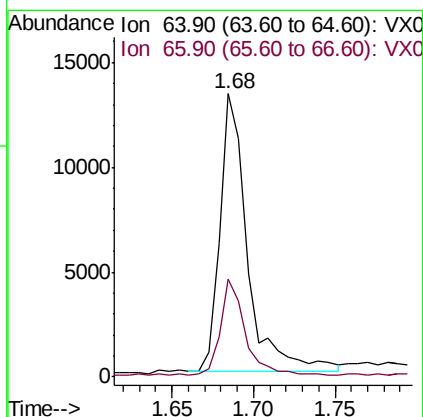
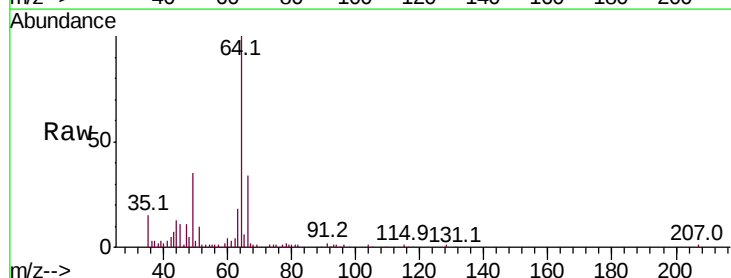
Acq: 23 Nov 2020 12:16

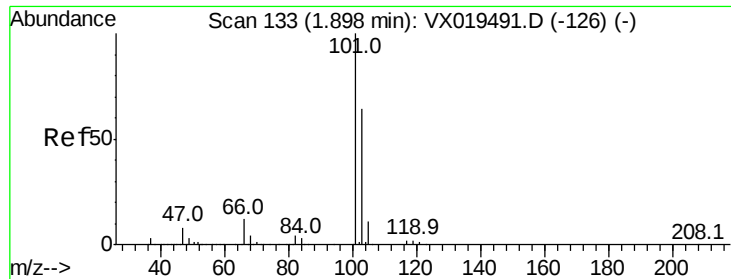
Tgt Ion: 64 Resp: 15507

Ion Ratio Lower Upper

64 100

66 34.6 27.1 40.7



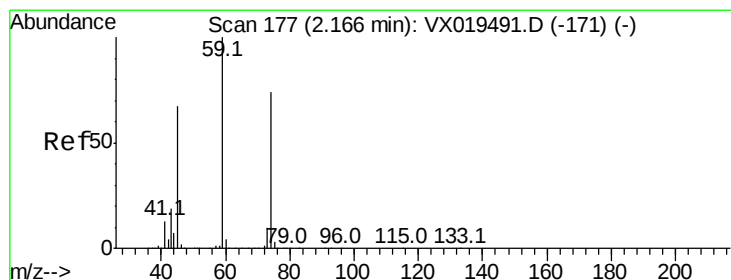
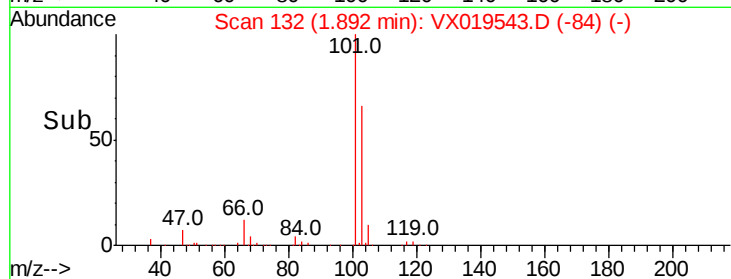
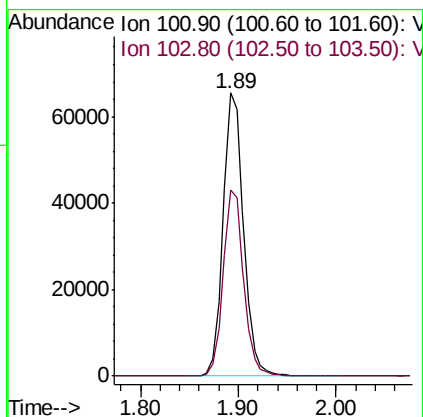
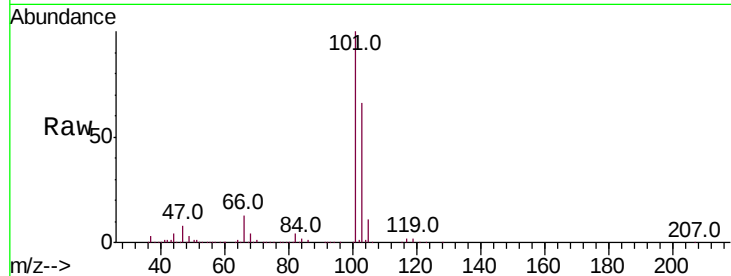


#7

Trichlorofluoromethane
 Concen: 18.022 ug/l
 RT: 1.89 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

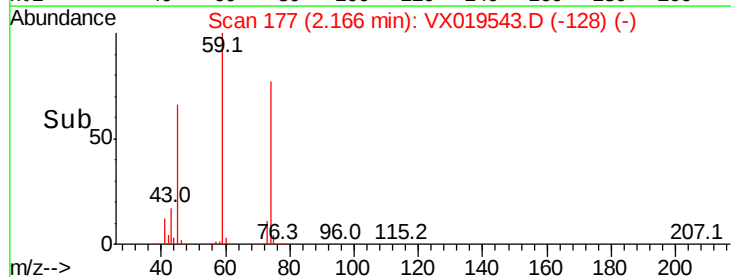
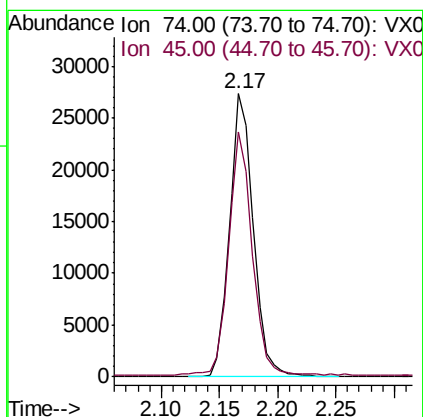
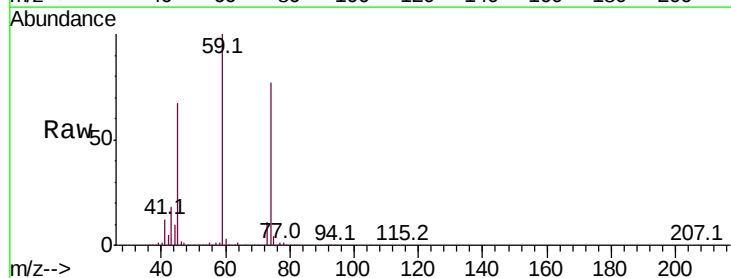
Tot Ion:101 Resp: 95022
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.9 76.3

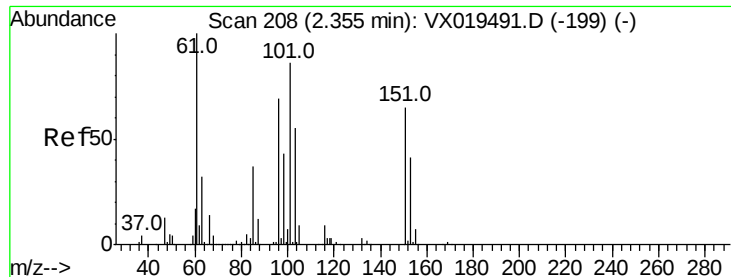


#8

Diethyl Ether
 Concen: 18.439 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion: 74 Resp: 38937
 Ion Ratio Lower Upper
 74 100
 45 85.8 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.392 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

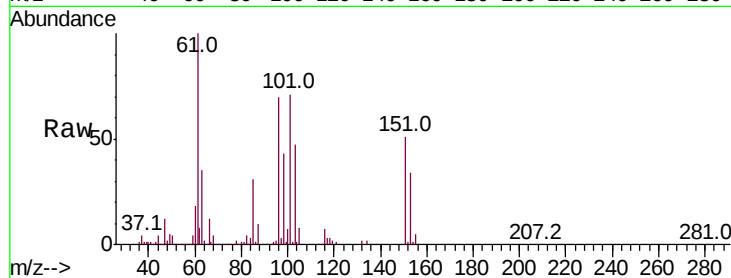
Tot Ion:101 Resp: 54101

Ion Ratio Lower Upper

101 100

85 43.8 33.9 50.9

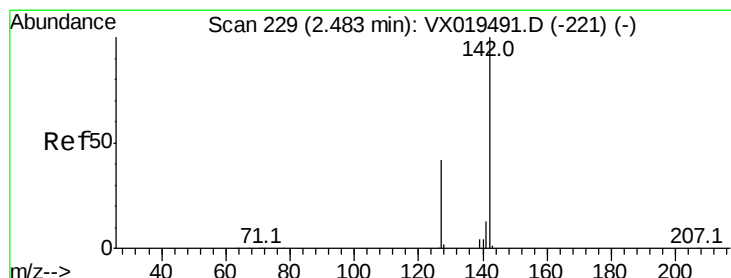
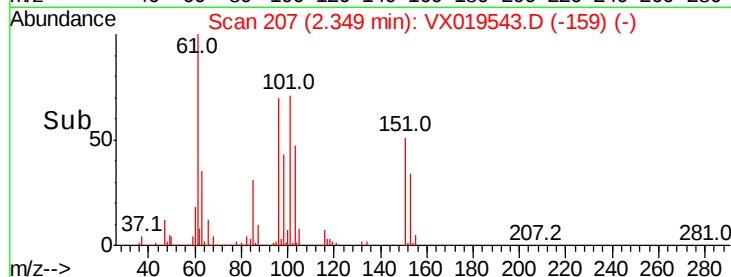
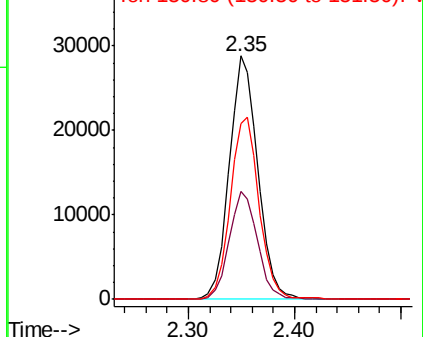
151 75.7 60.9 91.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.722 ug/l

RT: 2.48 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

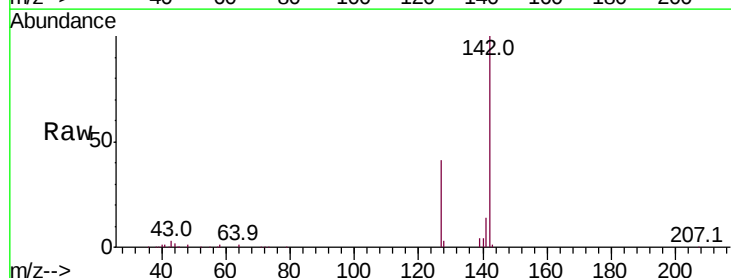
Tgt Ion:142 Resp: 60755

Ion Ratio Lower Upper

142 100

127 42.2 33.8 50.6

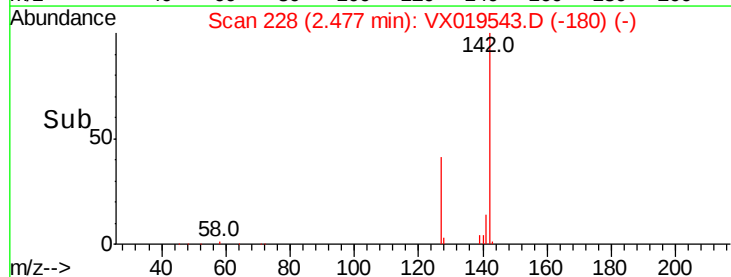
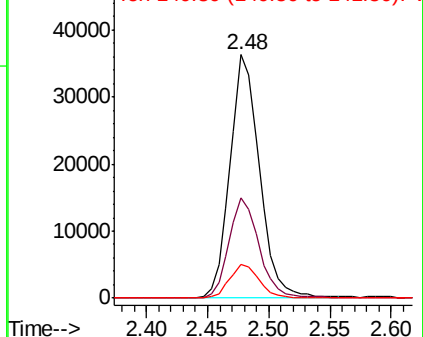
141 14.1 11.0 16.6

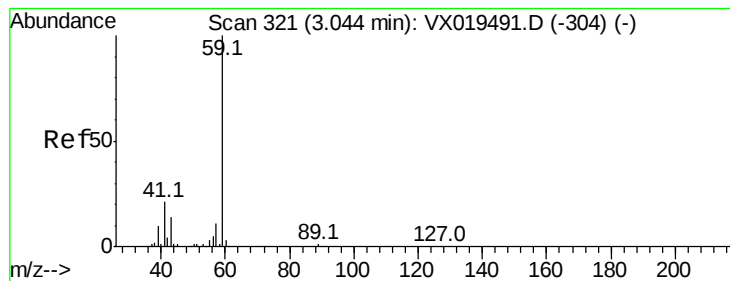


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



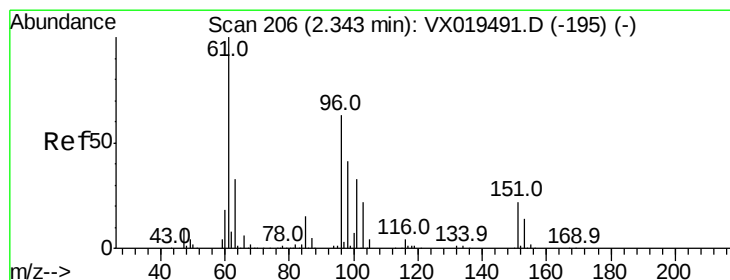
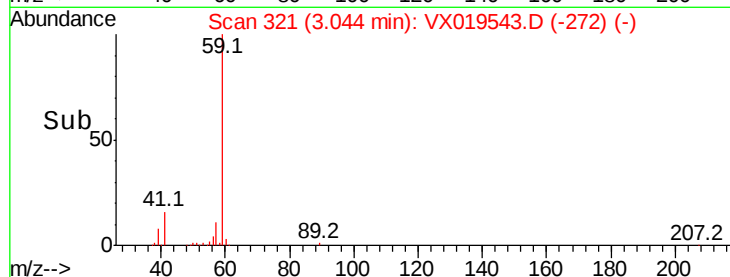
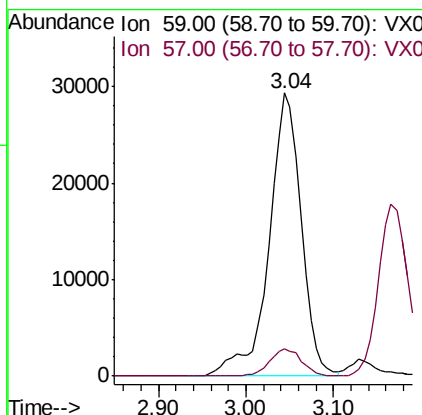
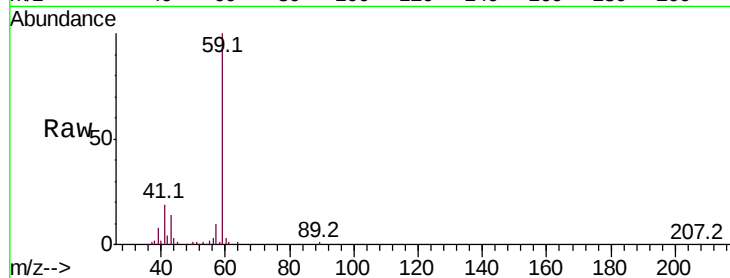


#11

Tert butyl alcohol
 Concen: 100.658 ug/l
 RT: 3.04 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

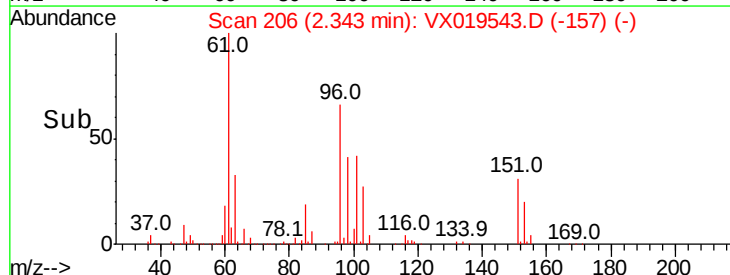
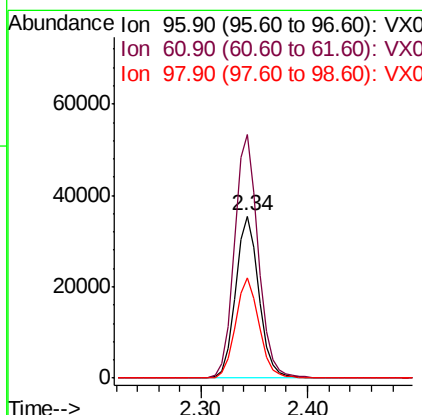
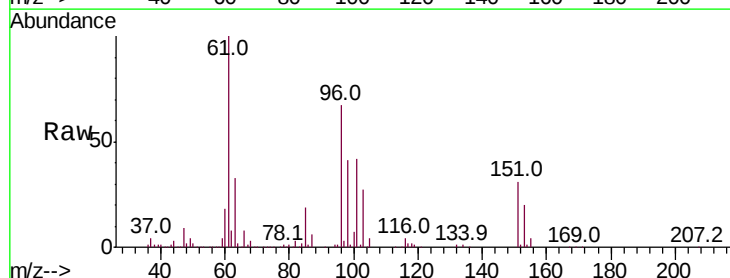
Tot Ion: 59 Resp: 75113
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.9 11.9

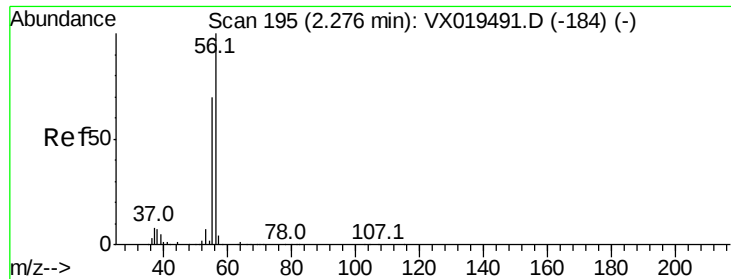


#12

1,1-Dichloroethene
 Concen: 18.157 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. 0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion: 96 Resp: 54819
 Ion Ratio Lower Upper
 96 100
 61 150.4 126.0 189.0
 98 61.9 52.0 78.0





#13

Acrolein

Concen: 69.445 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

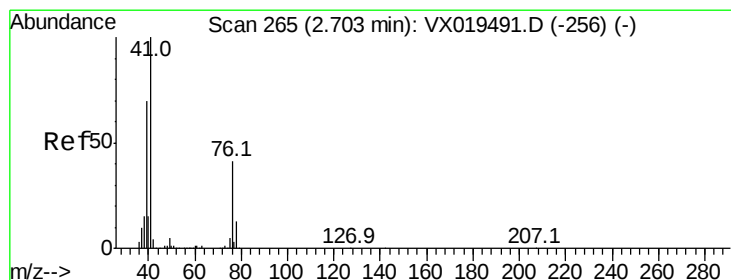
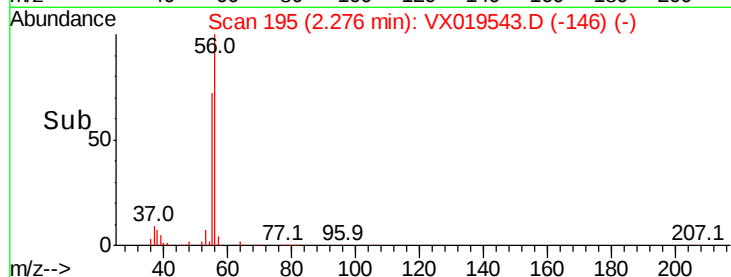
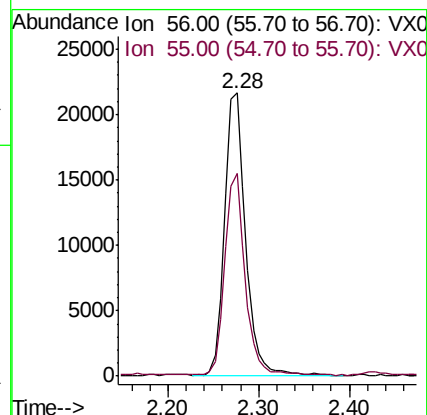
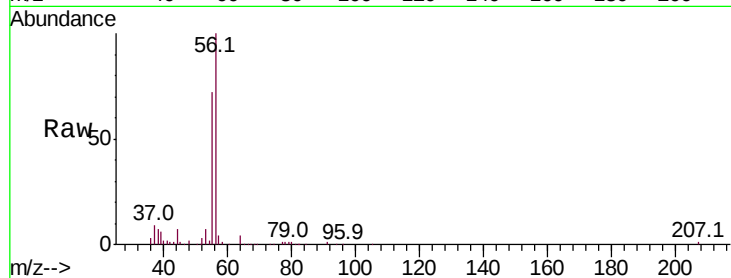
VX1123WBS01

Tot Ion: 56 Resp: 34834

Ion Ratio Lower Upper

56 100

55 68.9 55.5 83.3



#14

Allyl chloride

Concen: 17.510 ug/l

RT: 2.70 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

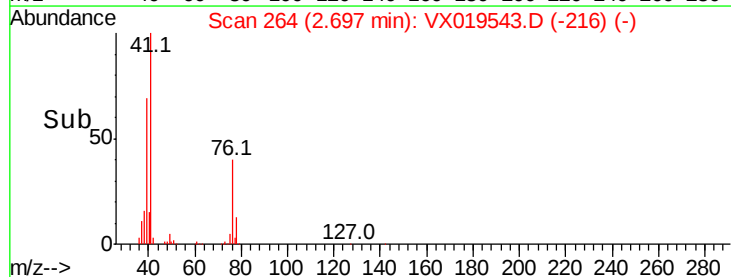
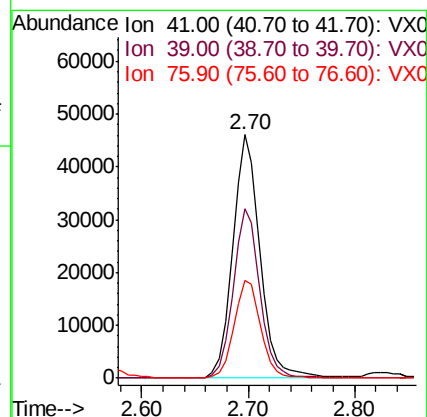
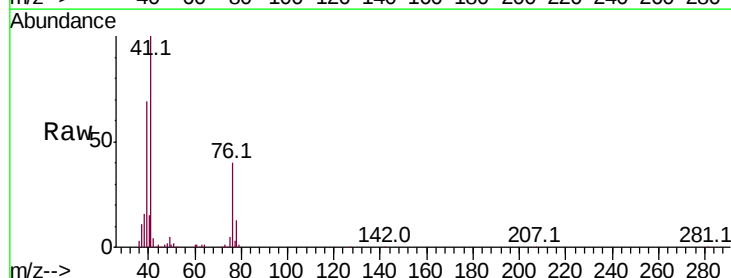
Tgt Ion: 41 Resp: 82818

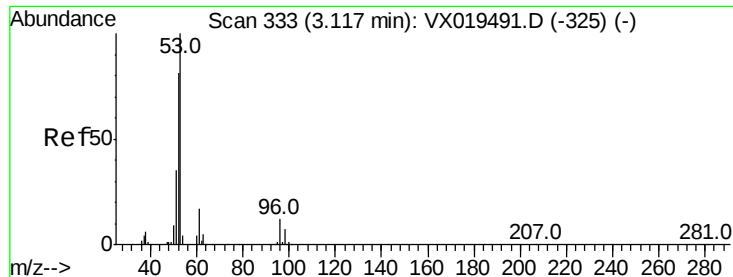
Ion Ratio Lower Upper

41 100

39 66.9 53.0 79.4

76 38.9 31.0 46.6





#15

Acrylonitrile

Concen: 90.140 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

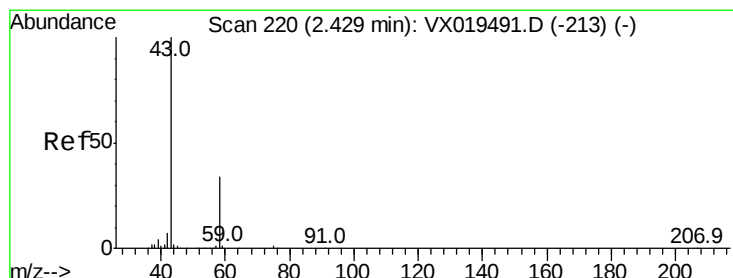
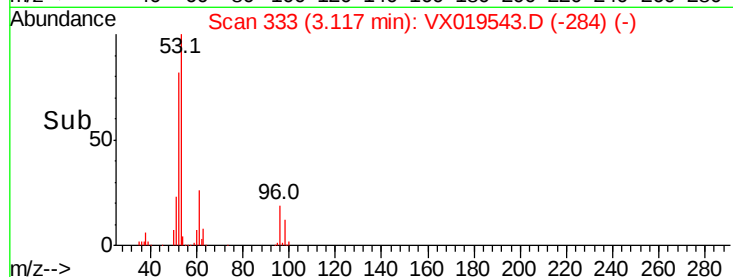
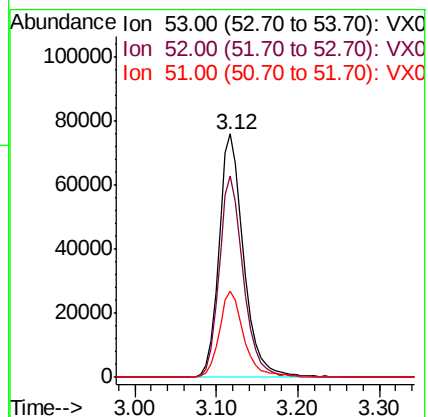
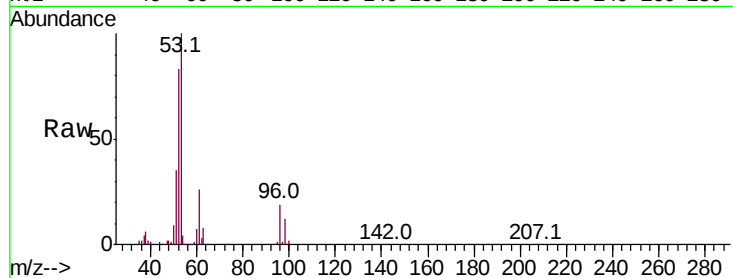
Tot Ion: 53 Resp: 158634

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.2

51 35.3 28.5 42.7



#16

Acetone

Concen: 90.426 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX019543.D

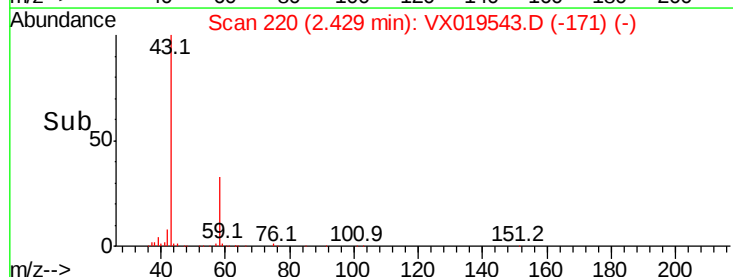
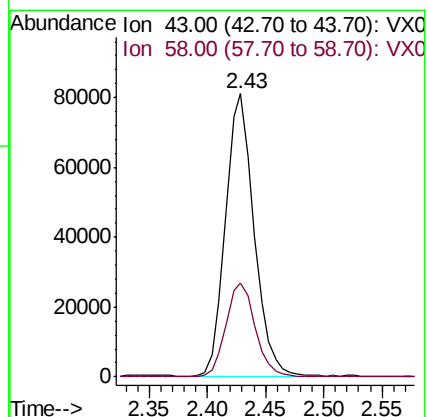
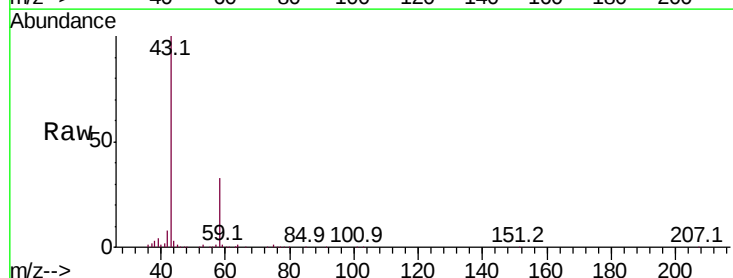
Acq: 23 Nov 2020 12:16

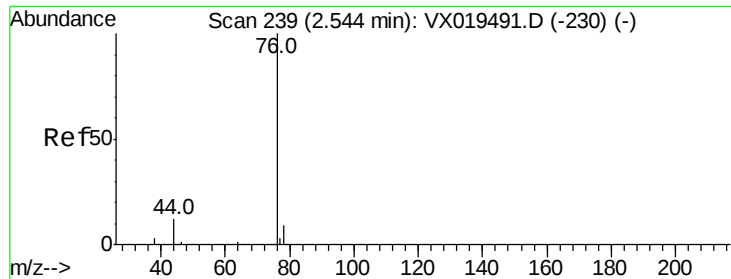
Tgt Ion: 43 Resp: 137885

Ion Ratio Lower Upper

43 100

58 33.4 27.4 41.2

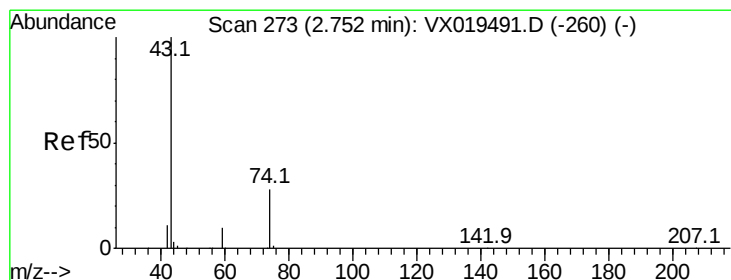
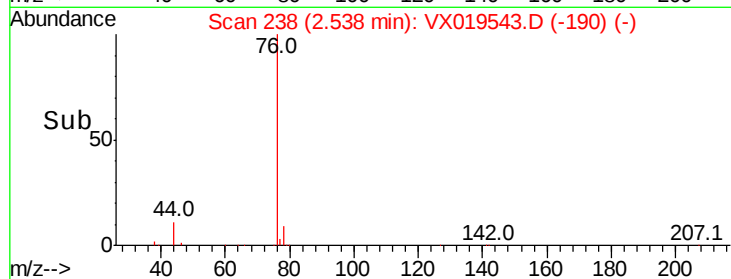
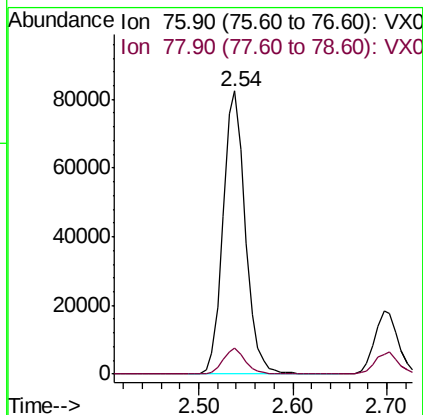
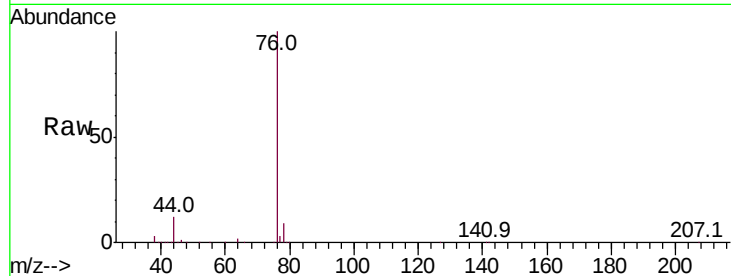




#17
Carbon Disulfide
Concen: 16.660 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

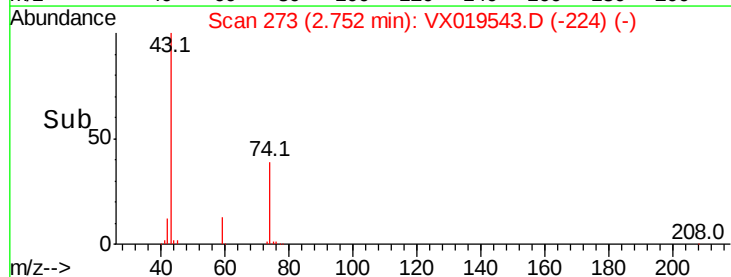
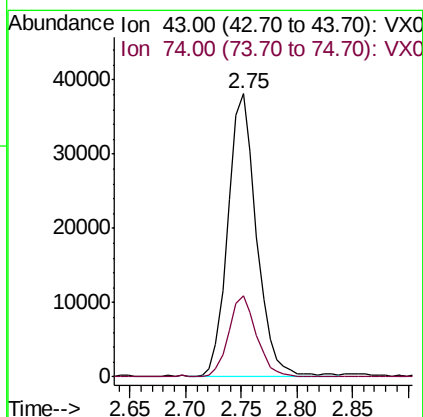
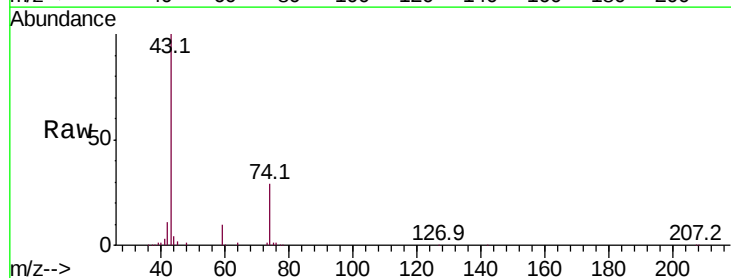
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

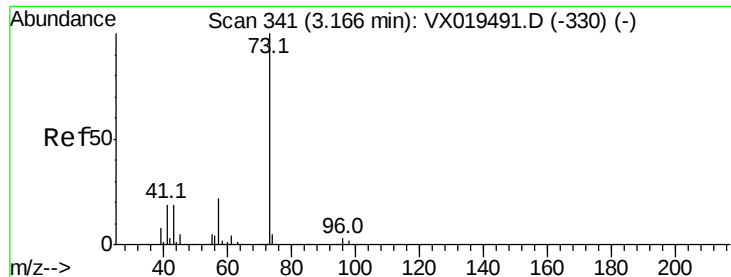
Tot Ion: 76 Resp: 135132
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 18.414 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion: 43 Resp: 67329
Ion Ratio Lower Upper
43 100
74 27.6 22.2 33.4



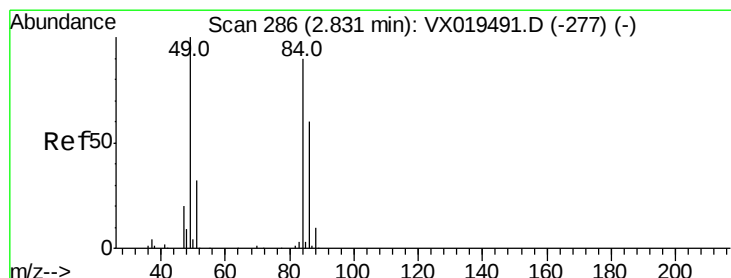
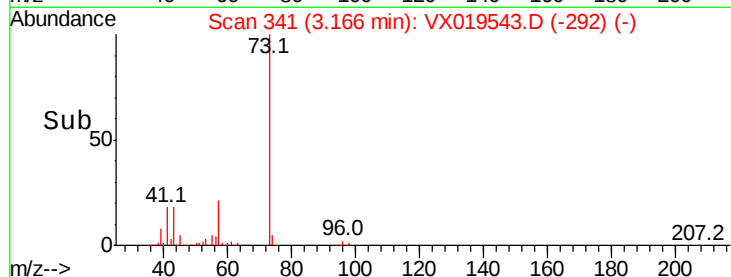
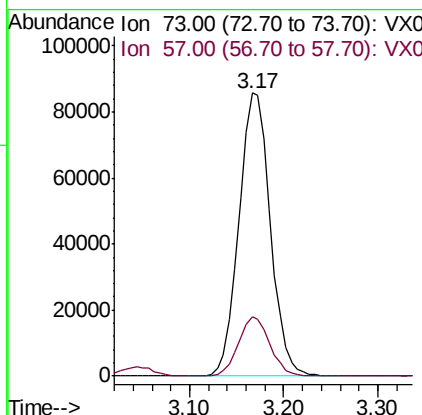
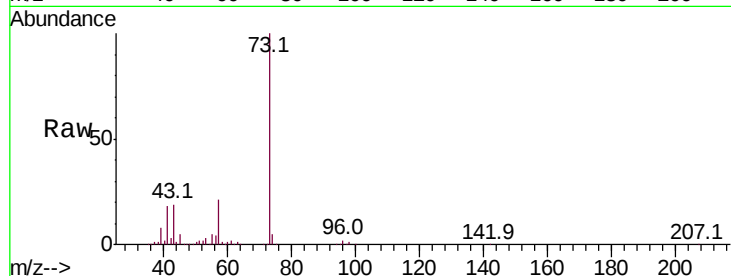


#19

Methyl tert-butyl Ether
 Concen: 19.180 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

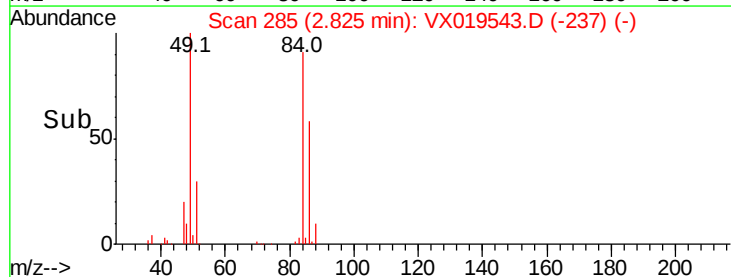
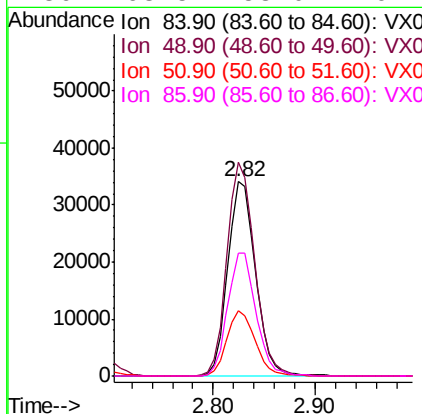
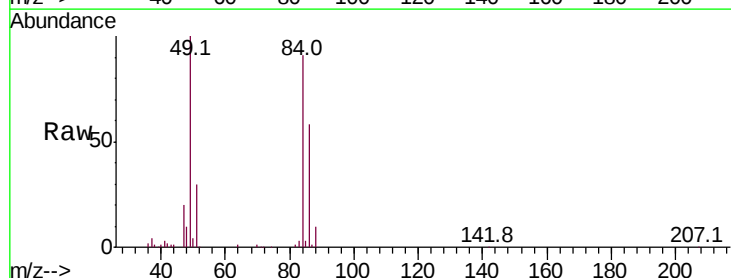
Tot Ion: 73 Resp: 199891
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.3 25.9

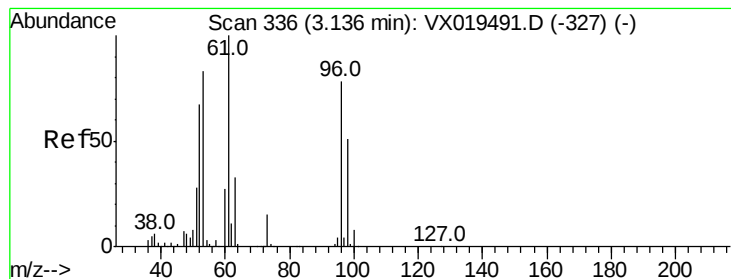


#20

Methylene Chloride
 Concen: 16.831 ug/l
 RT: 2.82 min Scan# 285
 Delta R.T. -0.01 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion: 84 Resp: 64145
 Ion Ratio Lower Upper
 84 100
 49 109.9 88.5 132.7
 51 33.5 28.0 42.0
 86 63.5 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 18.172 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

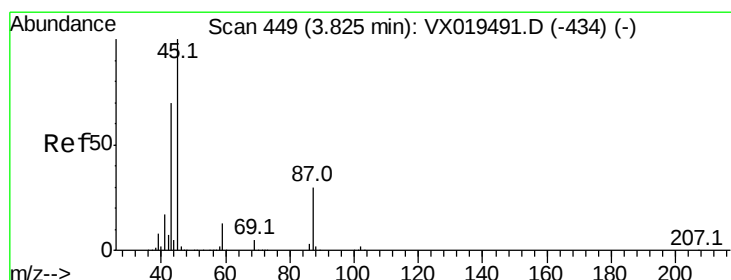
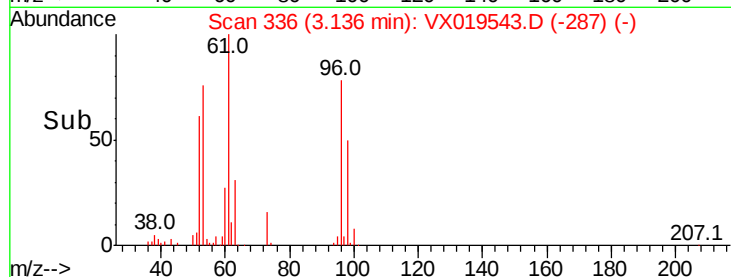
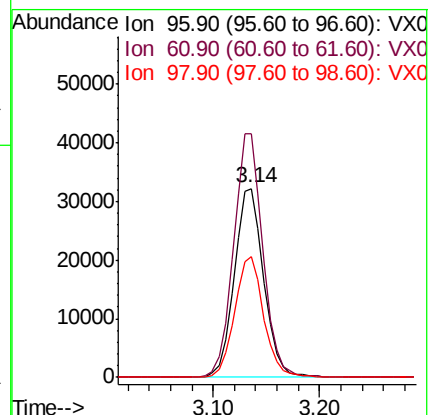
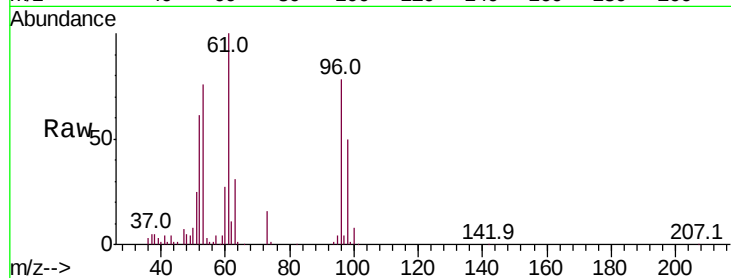
Tot Ion: 96 Resp: 62162

Ion Ratio Lower Upper

96 100

61 128.9 102.9 154.3

98 64.2 52.1 78.1



#22

Diisopropyl ether

Concen: 18.182 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Tgt Ion: 45 Resp: 177897

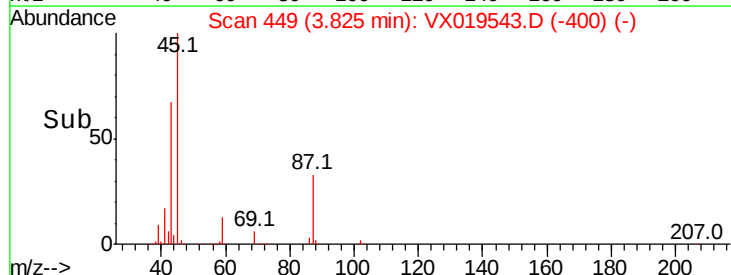
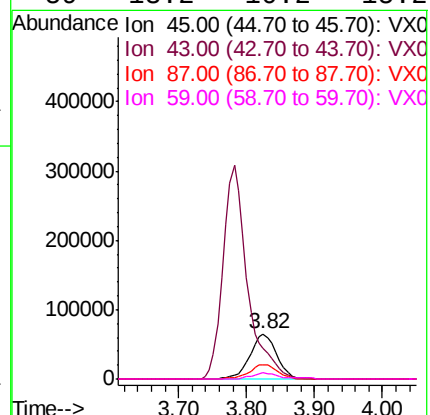
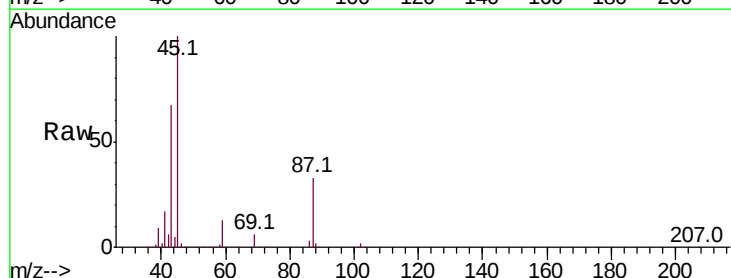
Ion Ratio Lower Upper

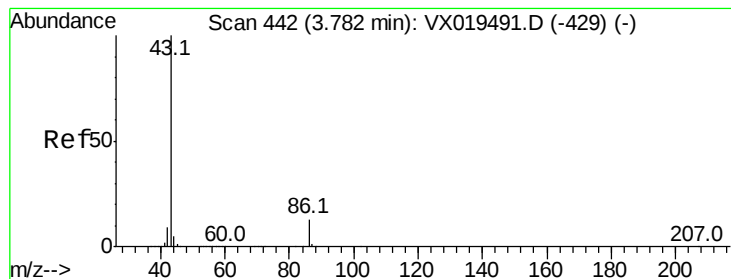
45 100

43 66.7 56.1 84.1

87 32.5 24.2 36.2

59 13.2 10.2 15.2





#23

Vinyl Acetate

Concen: 94.026 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

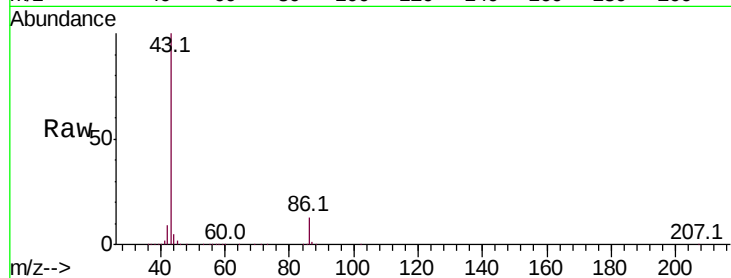
VX1123WBS01

Tot Ion: 43 Resp: 771680

Ion Ratio Lower Upper

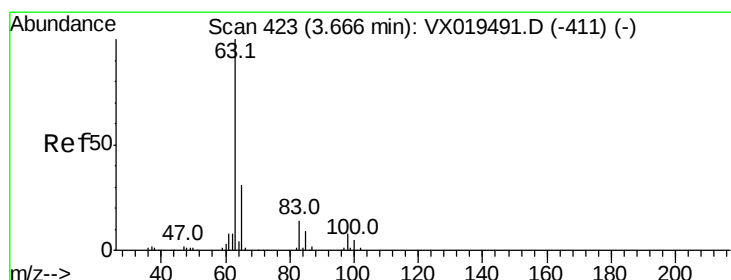
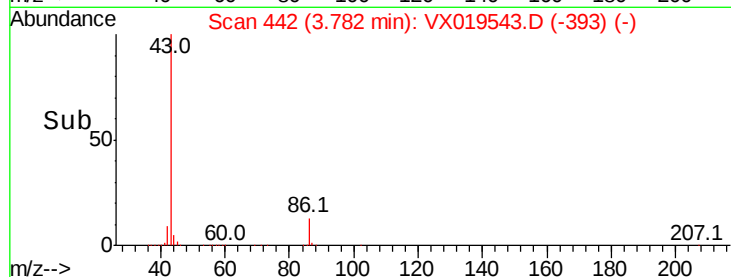
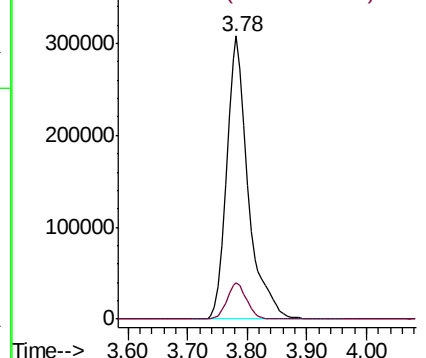
43 100

86 12.7 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.980 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

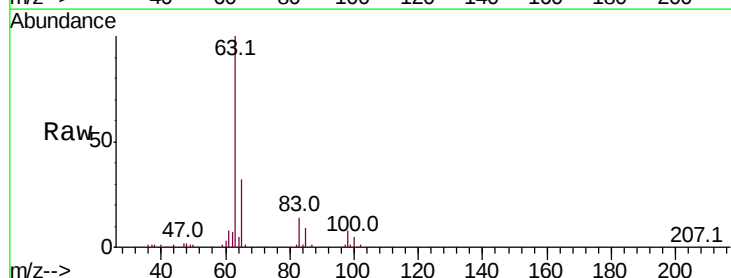
Tgt Ion: 63 Resp: 107605

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

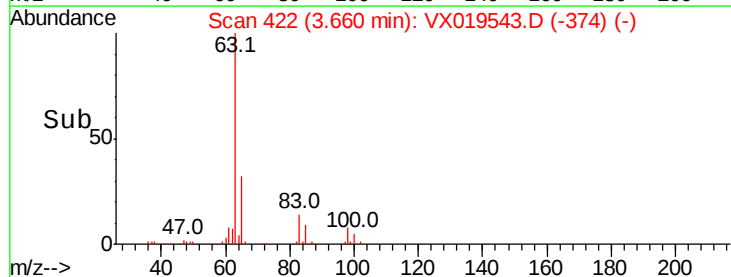
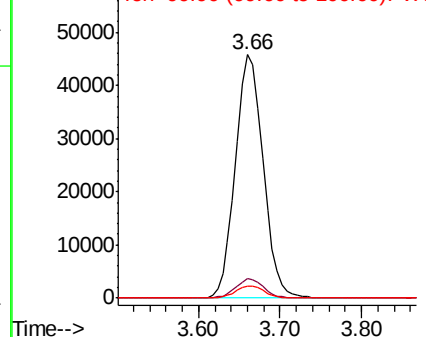
100 5.0 2.4 7.1

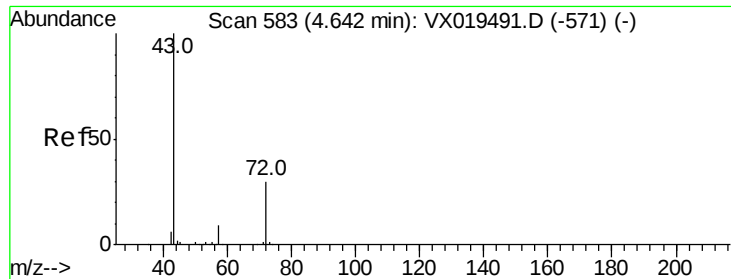


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 91.582 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

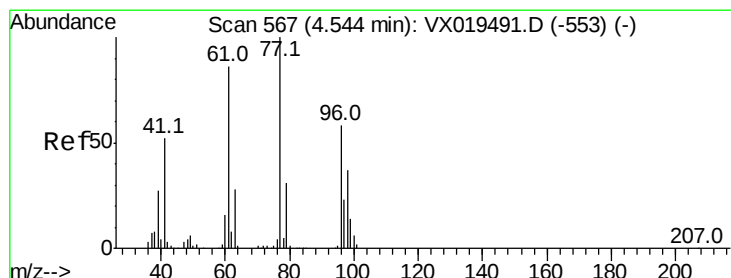
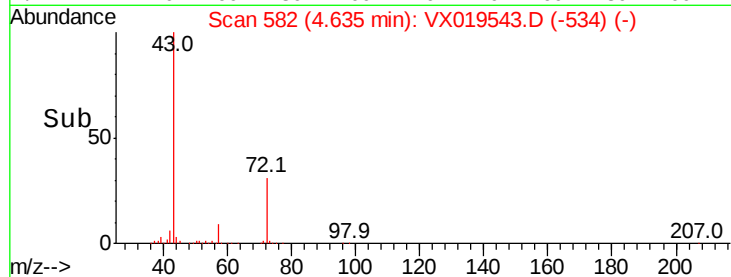
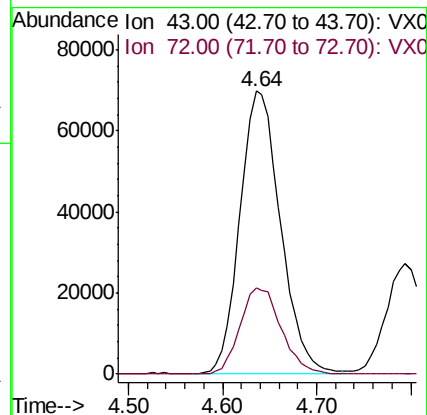
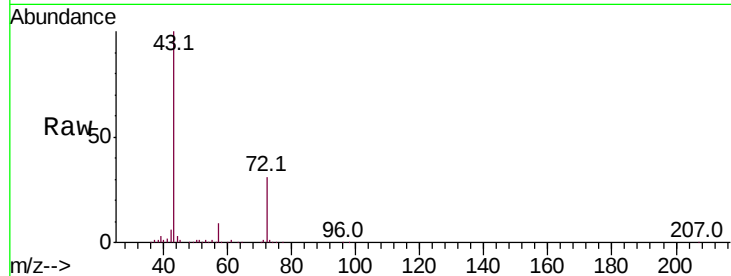
VX1123WBS01

Tot Ion: 43 Resp: 209778

Ion Ratio Lower Upper

43 100

72 30.4 24.0 36.0



#26

2,2-Dichloropropane

Concen: 18.443 ug/l

RT: 4.54 min Scan# 566

Delta R.T. -0.01 min

Lab File: VX019543.D

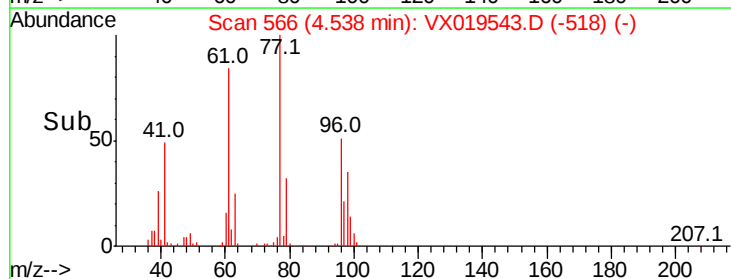
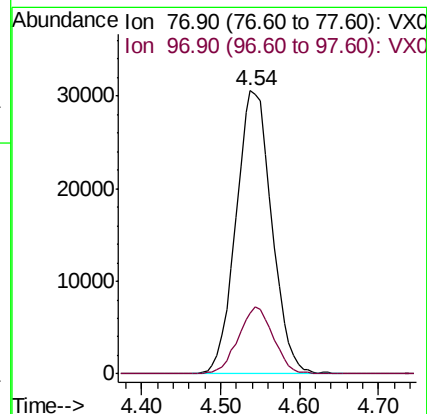
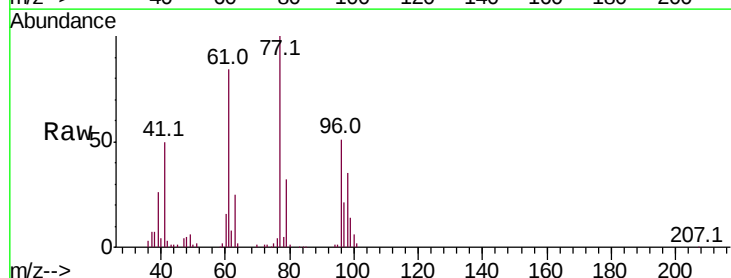
Acq: 23 Nov 2020 12:16

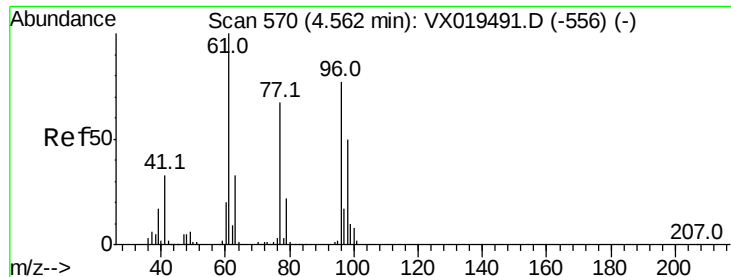
Tgt Ion: 77 Resp: 96344

Ion Ratio Lower Upper

77 100

97 23.0 11.6 34.8



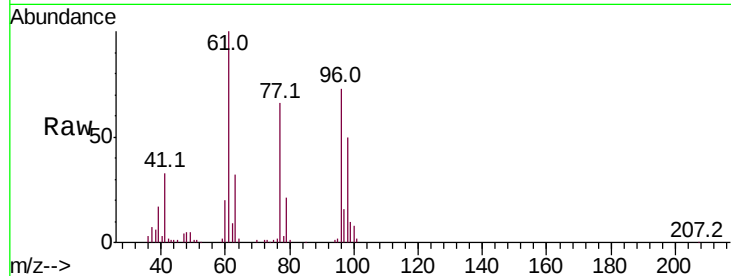


#27

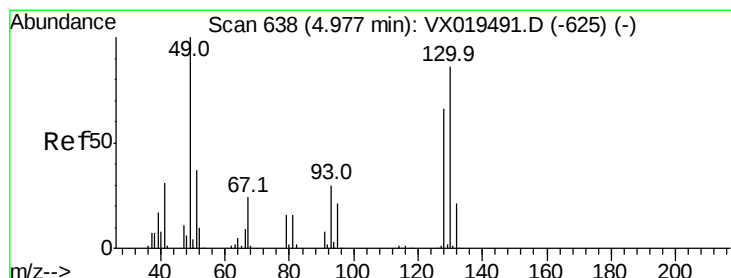
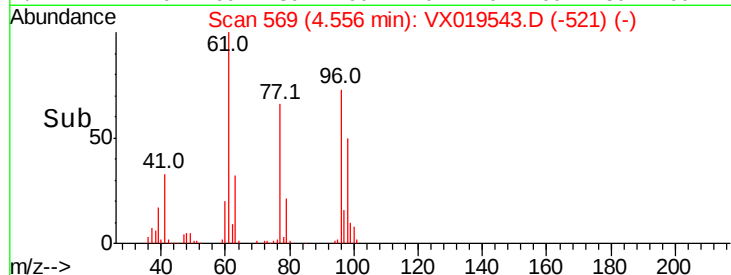
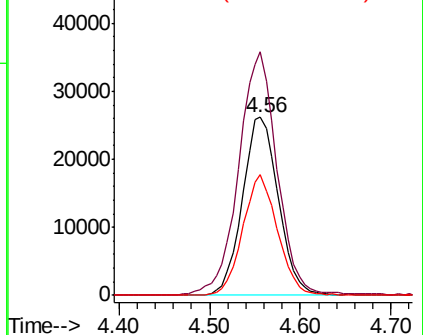
cis-1,2-Dichloroethene
Concen: 18.351 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion: 96 Resp: 72108
Ion Ratio Lower Upper
96 100
61 146.5 0.0 279.2
98 65.4 0.0 129.8



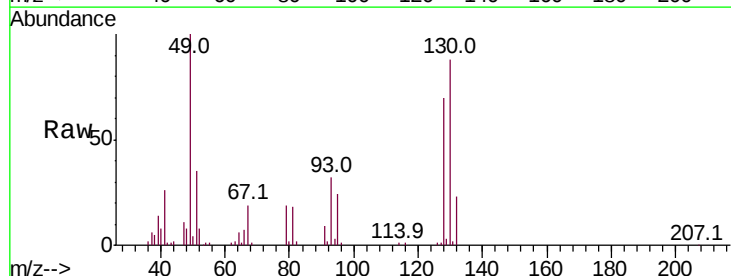
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



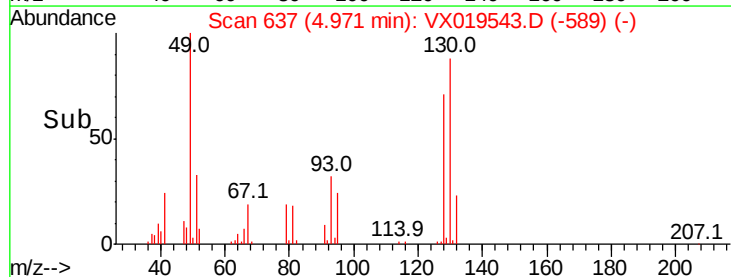
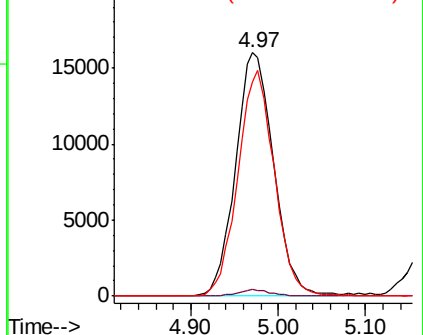
#28

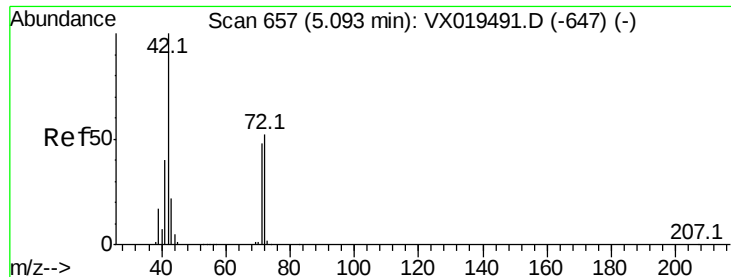
Bromochloromethane
Concen: 16.851 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion: 49 Resp: 48216
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 89.3 69.0 103.6



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





#29

Tetrahydrofuran

Concen: 89.936 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

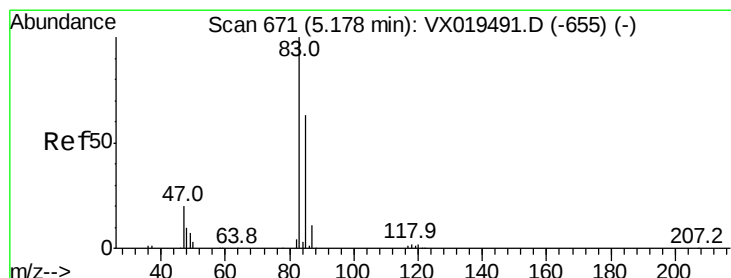
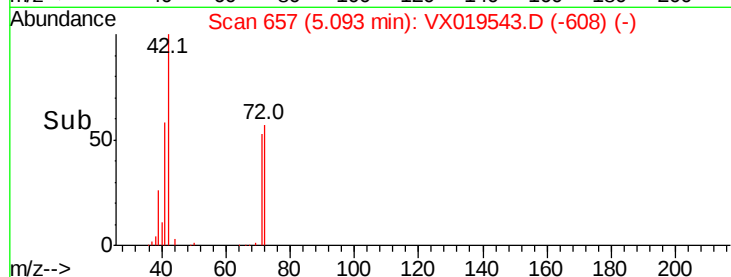
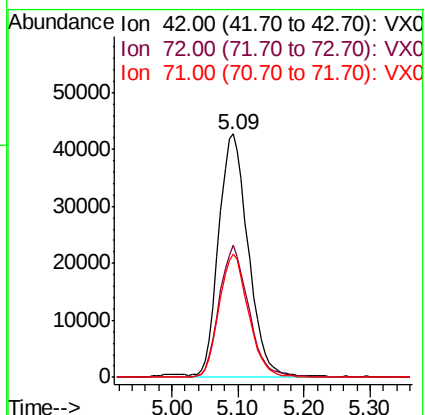
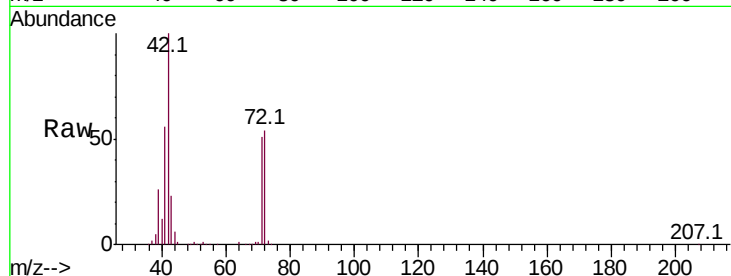
Tot Ion: 42 Resp: 131443

Ion Ratio Lower Upper

42 100

72 54.3 42.6 63.8

71 50.7 39.0 58.6



#30

Chloroform

Concen: 18.077 ug/l

RT: 5.17 min Scan# 669

Delta R.T. -0.01 min

Lab File: VX019543.D

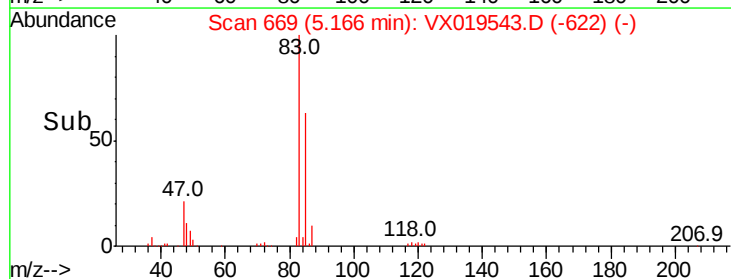
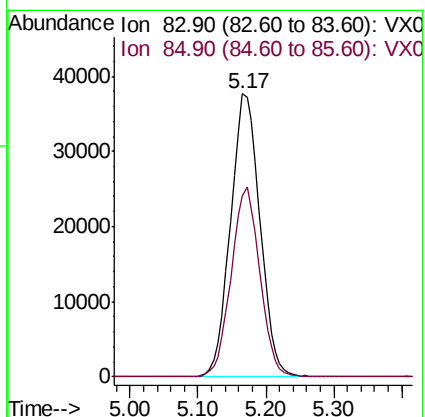
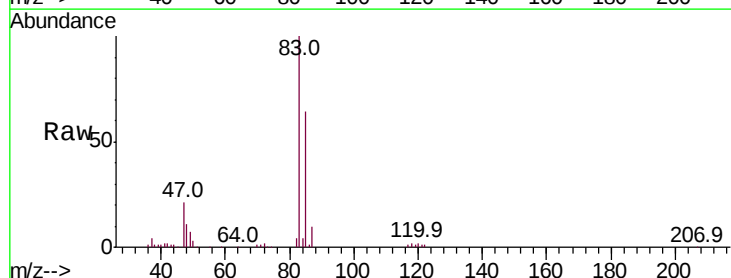
Acq: 23 Nov 2020 12:16

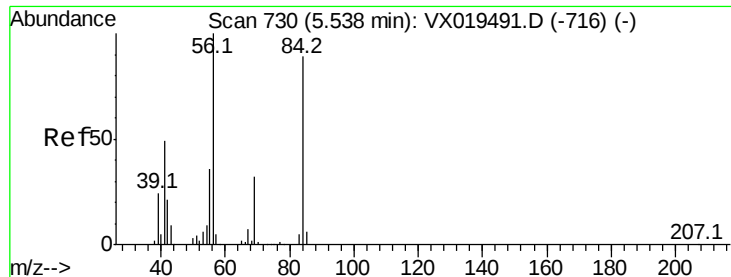
Tgt Ion: 83 Resp: 113121

Ion Ratio Lower Upper

83 100

85 63.7 50.5 75.7

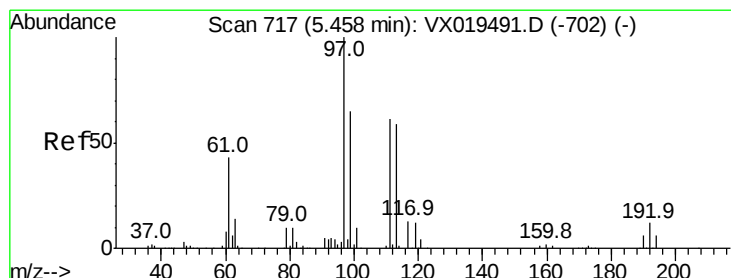
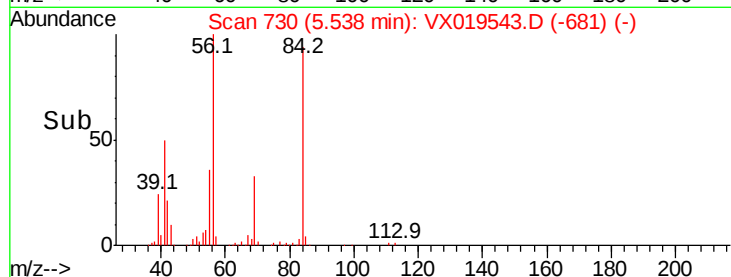
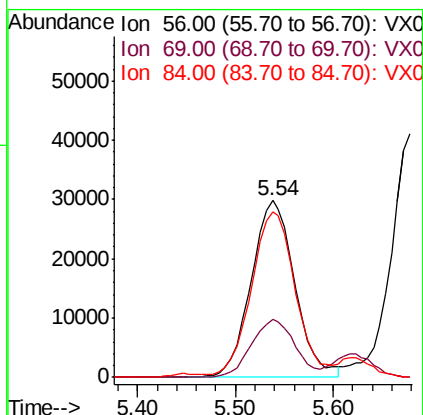
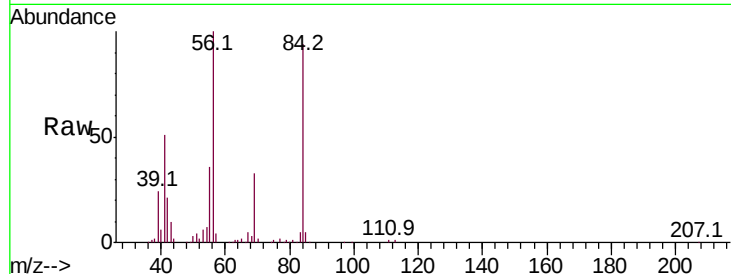




#31
Cyclohexane
Concen: 17.973 ug/l
RT: 5.54 min Scan# 730
Delta R.T. 0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

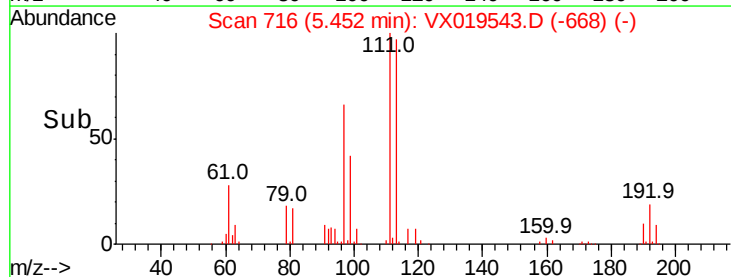
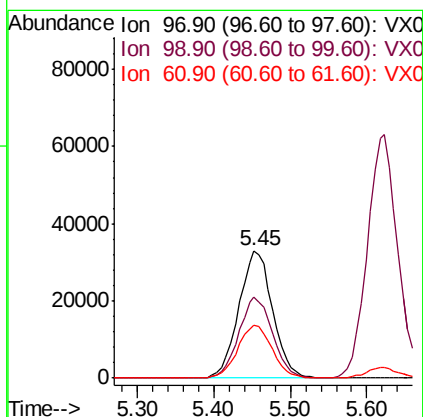
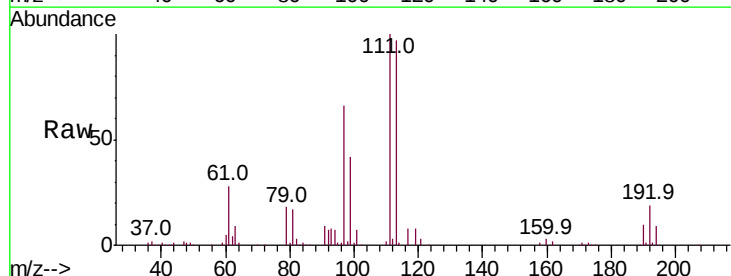
Instrument :
MSVOA_X
ClientSampled :
VX1123WBS01

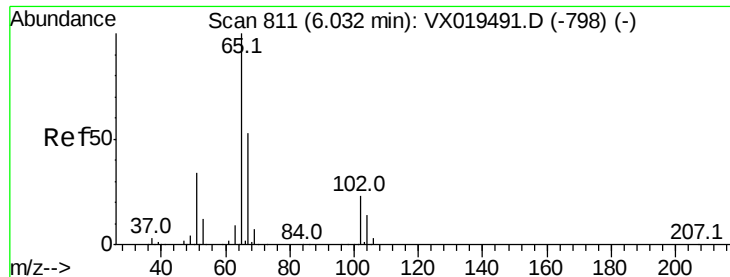
Tot Ion: 56 Resp: 92175
Ion Ratio Lower Upper
56 100
69 32.8 25.5 38.3
84 91.9 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 18.751 ug/l
RT: 5.45 min Scan# 716
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion: 97 Resp: 100795
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 42.3 34.2 51.2

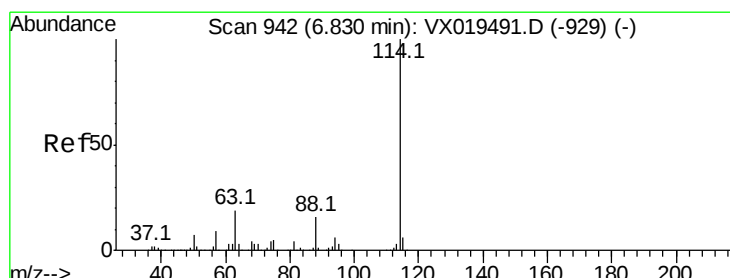
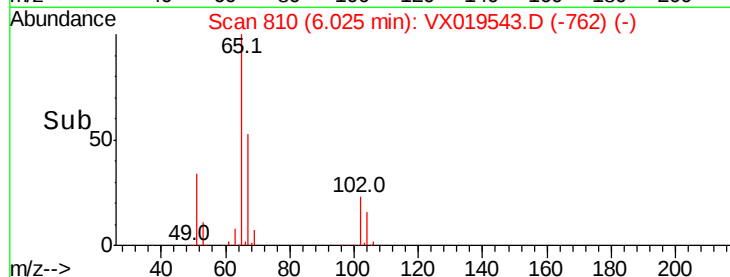
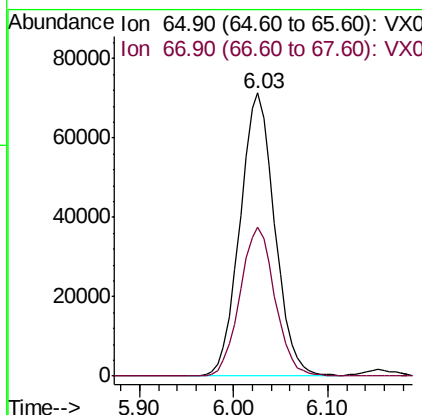
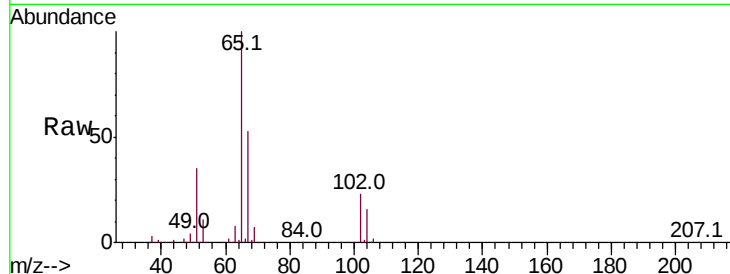




#33
 1,2-Dichloroethane-d4
 Concen: 46.727 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

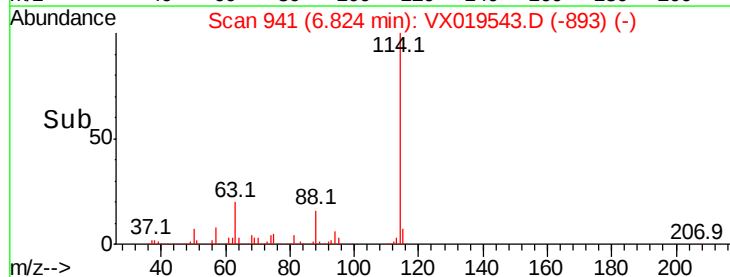
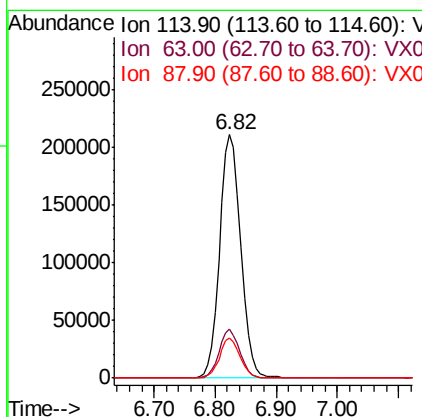
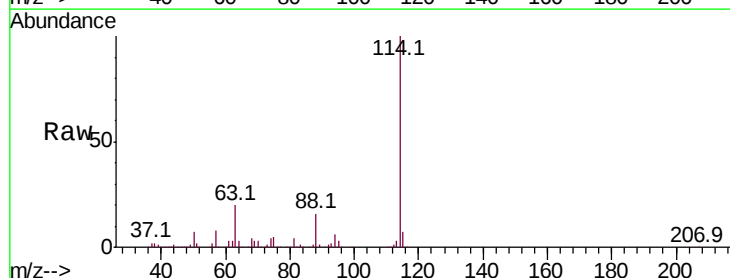
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

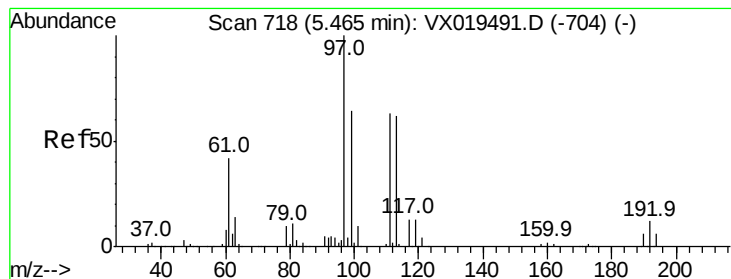
Tot Ion: 65 Resp: 184245
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion: 114 Resp: 505413
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.8
 88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.311 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

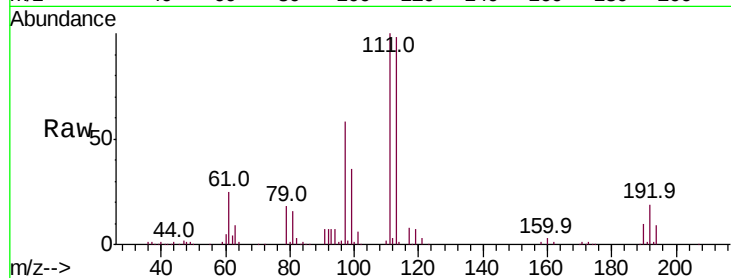
Tot Ion:113 Resp: 150093

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

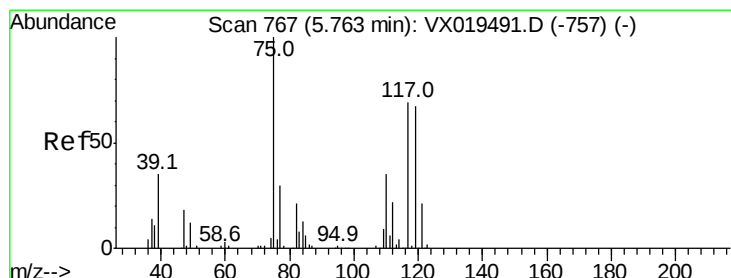
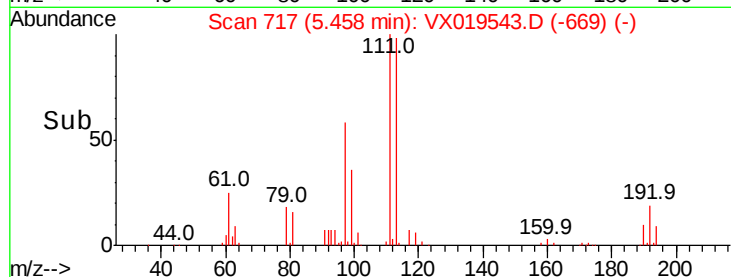
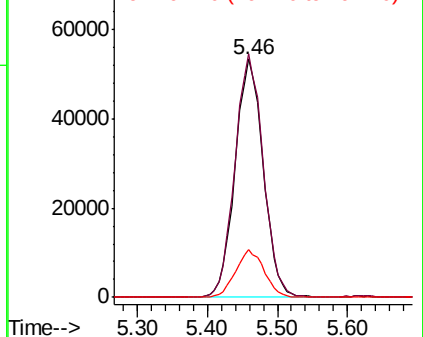
192 20.2 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.670 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

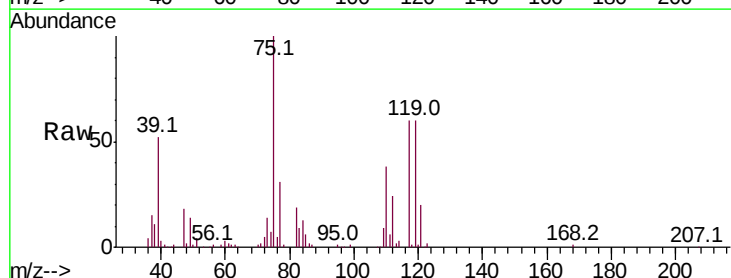
Tgt Ion: 75 Resp: 83727

Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.3

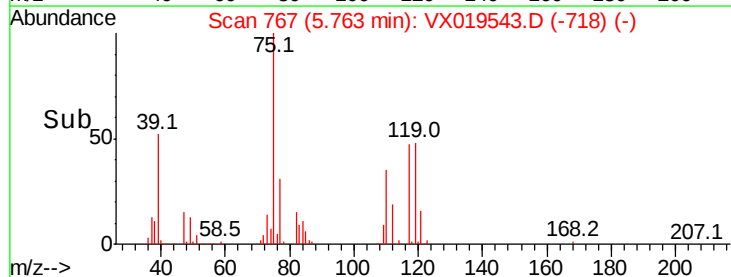
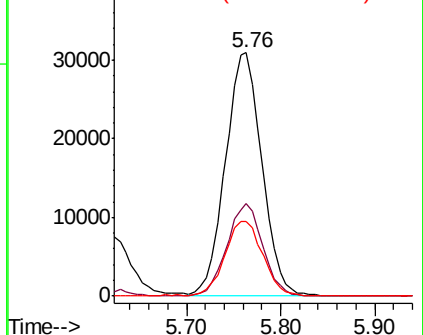
77 31.9 24.2 36.4

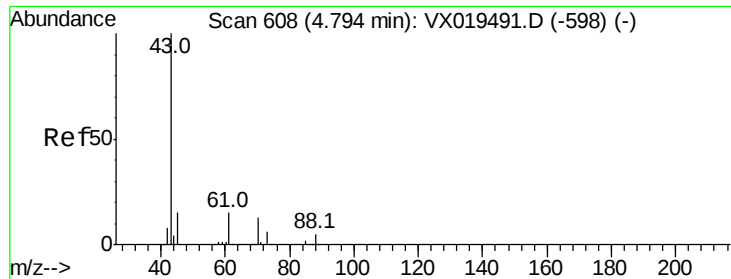


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.312 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

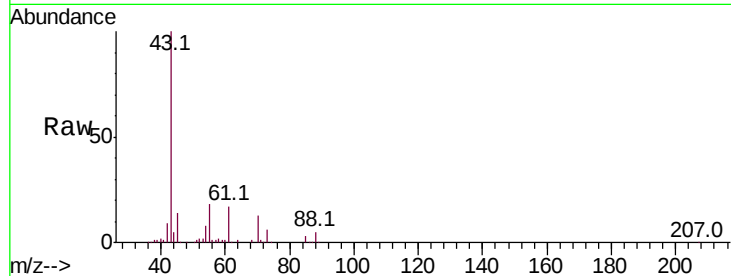
Tot Ion: 43 Resp: 81458

Ion Ratio Lower Upper

43 100

61 16.4 12.7 19.1

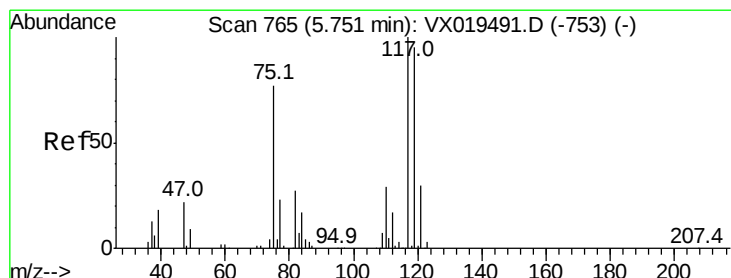
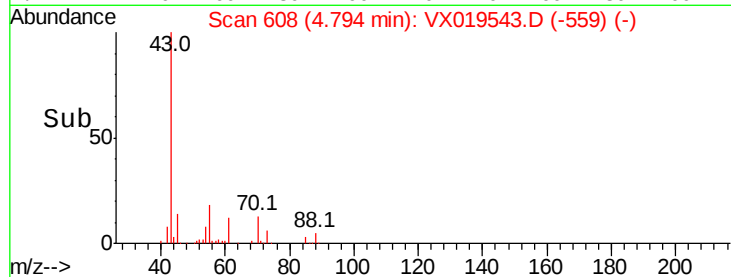
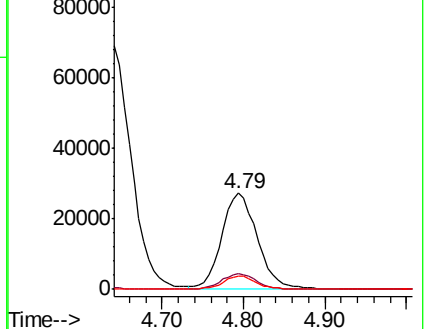
70 13.2 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX019491.D (-598) (-)

Ion 60.90 (60.60 to 61.60): VX019491.D (-598) (-)

Ion 70.00 (69.70 to 70.70): VX019491.D (-598) (-)



#38

Carbon Tetrachloride

Concen: 18.358 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

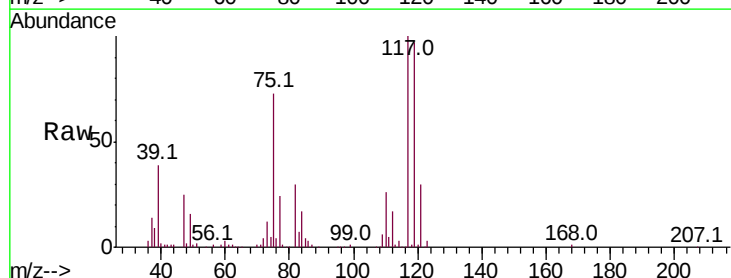
Tgt Ion: 117 Resp: 84193

Ion Ratio Lower Upper

117 100

119 96.8 75.9 113.9

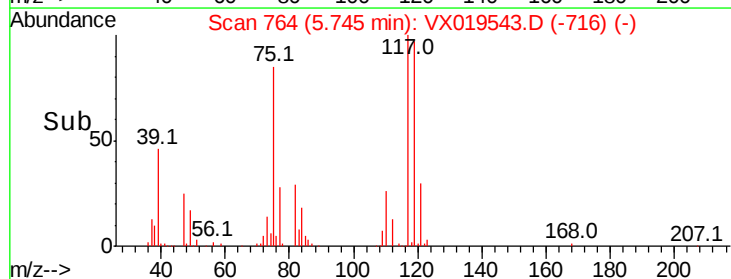
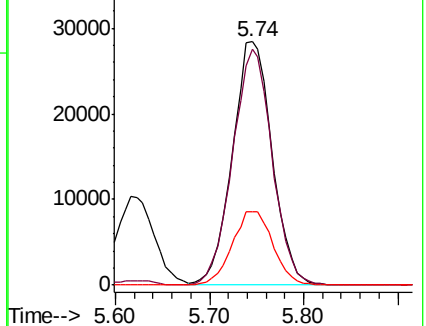
121 30.3 24.0 36.0

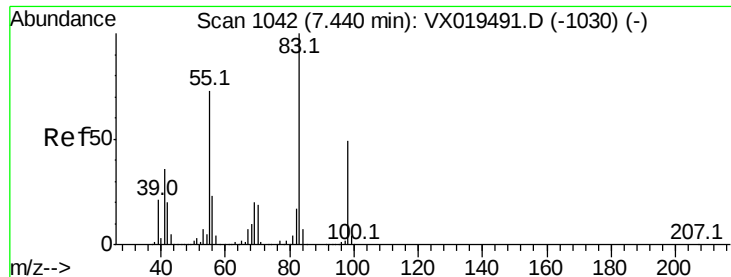


Abundance Ion 116.80 (116.50 to 117.50): VX019491.D (-753) (-)

Ion 118.80 (118.50 to 119.50): VX019491.D (-753) (-)

Ion 120.80 (120.50 to 121.50): VX019491.D (-753) (-)

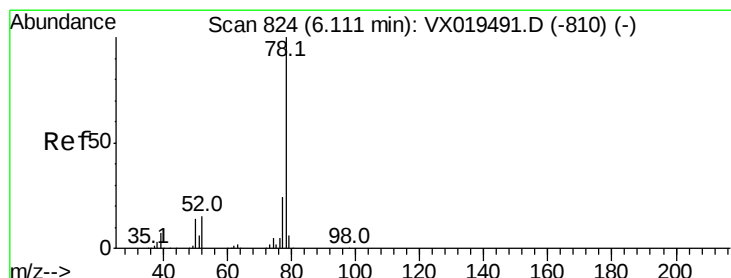
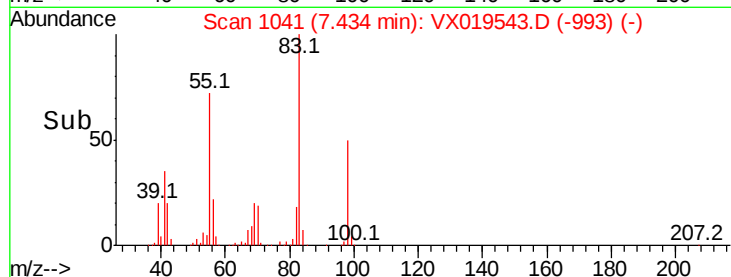
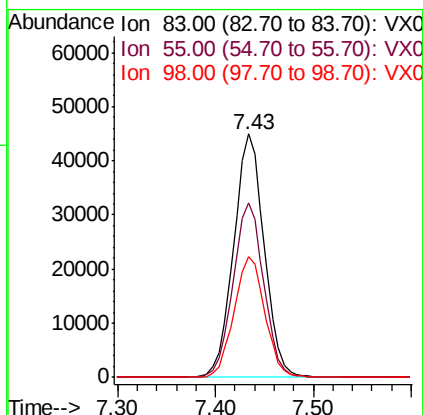
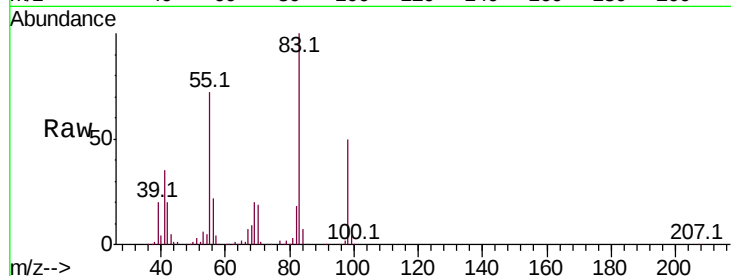




#39
Methvlcvclohexane
Concen: 17.611 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

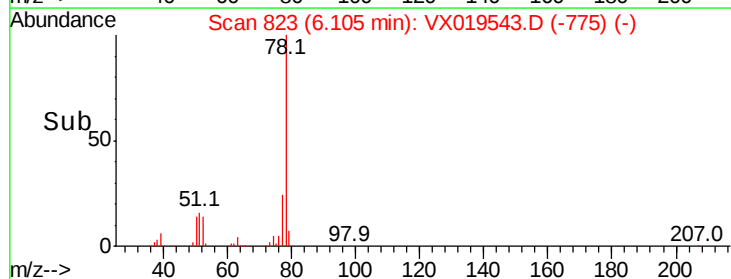
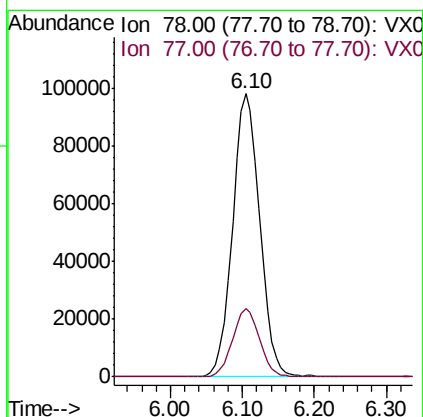
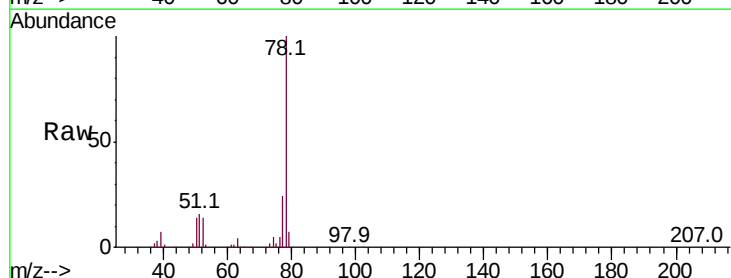
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

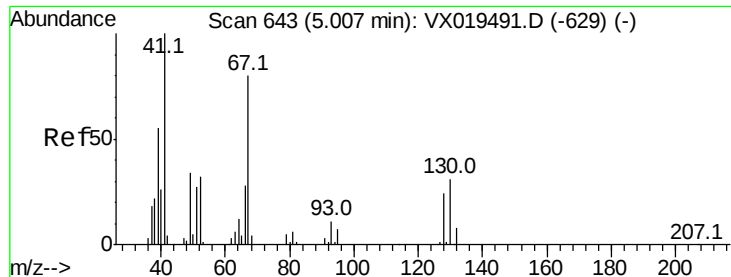
Tot Ion: 83 Resp: 97159
Ion Ratio Lower Upper
83 100
55 71.7 58.3 87.5
98 49.8 38.9 58.3



#40
Benzene
Concen: 17.649 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion: 78 Resp: 256943
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

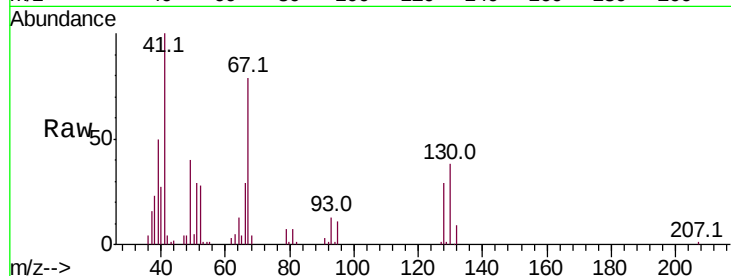




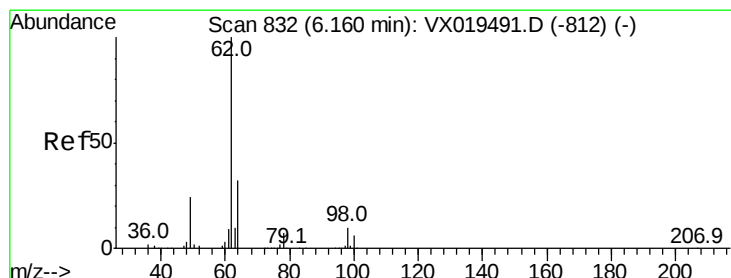
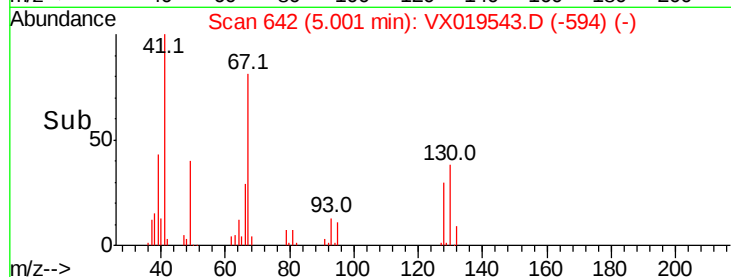
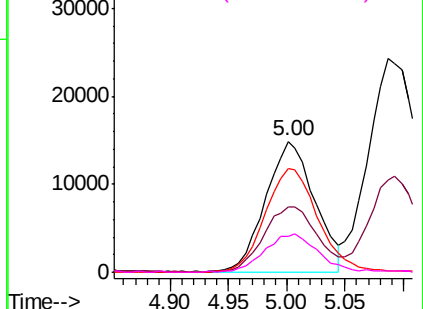
#41
Methacrylonitrile
Concen: 17.750 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion: 41 Resp: 43539
Ion Ratio Lower Upper
41 100
39 54.4 43.3 64.9
67 85.7 66.0 99.0
52 32.1 25.4 38.2

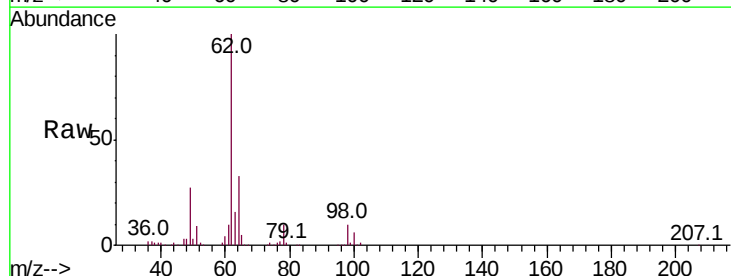


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

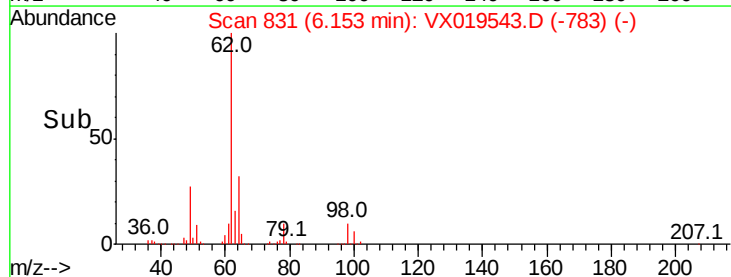
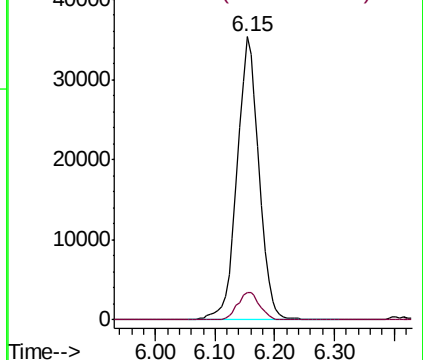


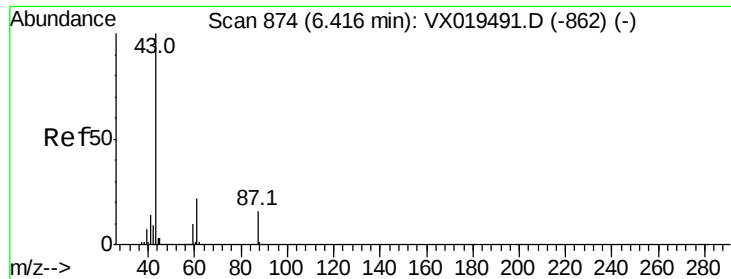
#42
1,2-Dichloroethane
Concen: 18.120 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion: 62 Resp: 90419
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.0



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



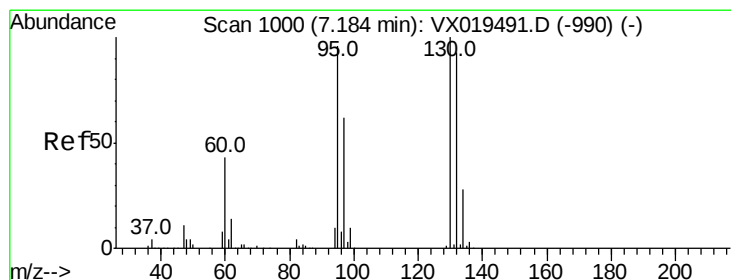
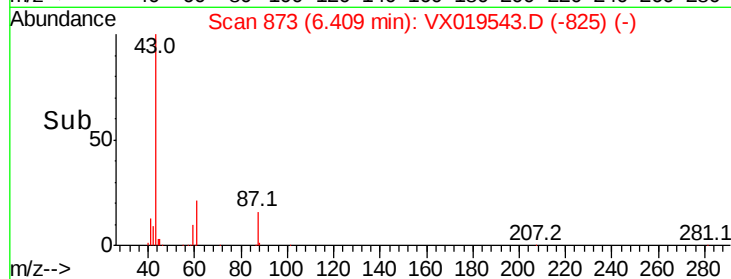
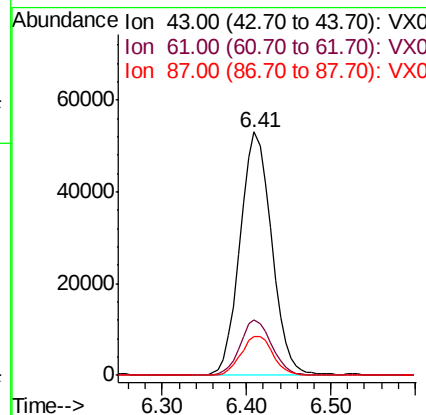
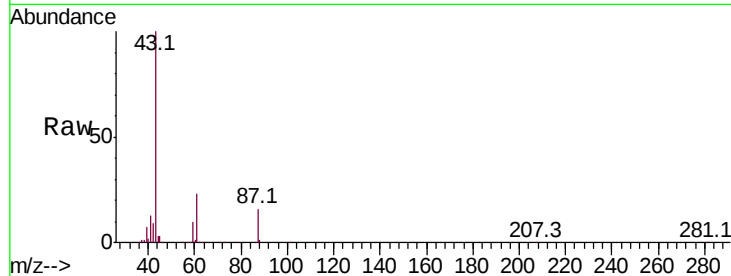


#43

Isopropyl Acetate
 Concen: 17.900 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

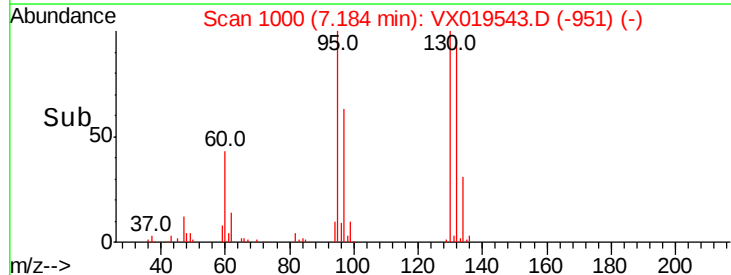
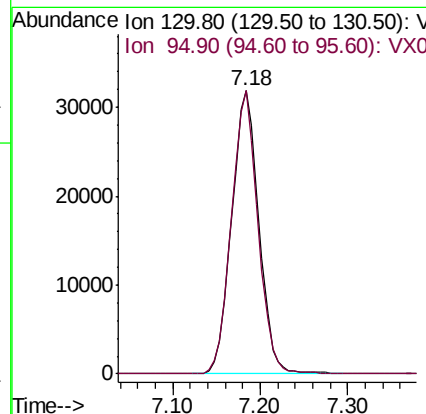
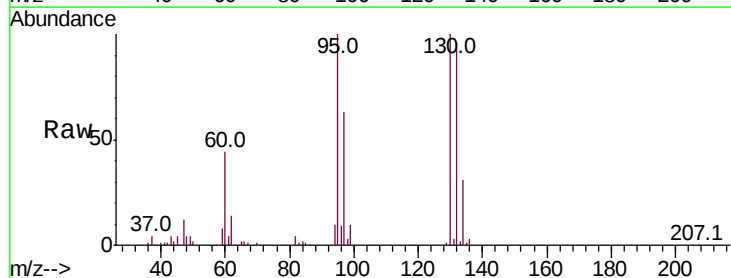
Tot Ion: 43 Resp: 133844
 Ion Ratio Lower Upper
 43 100
 61 22.8 18.2 27.2
 87 16.2 12.6 18.8

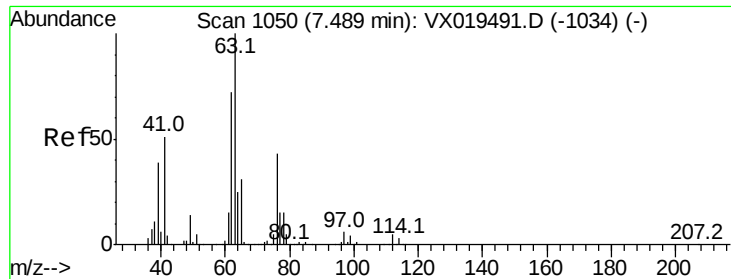


#44

Trichloroethene
 Concen: 18.028 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion:130 Resp: 68748
 Ion Ratio Lower Upper
 130 100
 95 100.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 17.818 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

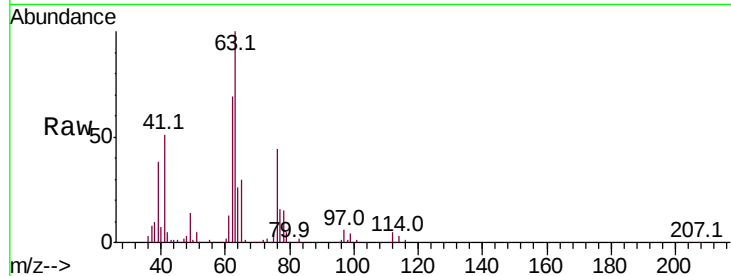
VX1123WBS01

Tot Ion: 63 Resp: 63859

Ion Ratio Lower Upper

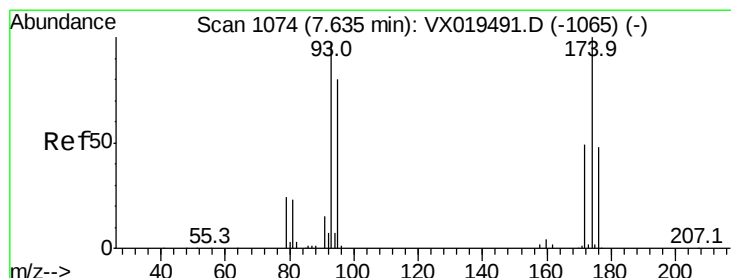
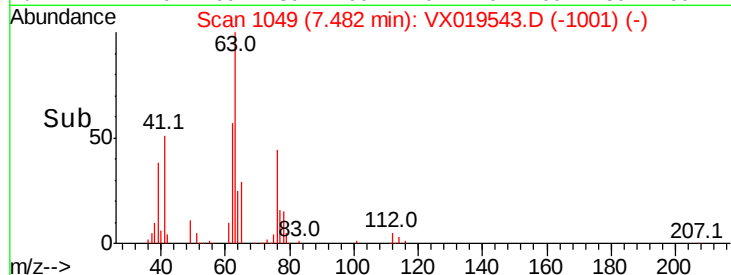
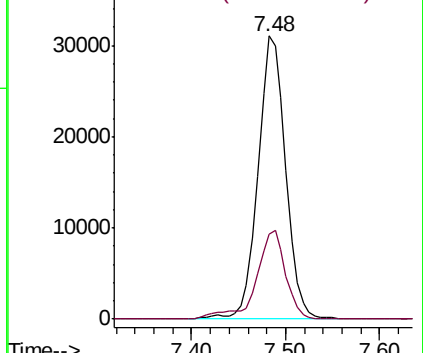
63 100

65 30.1 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.865 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

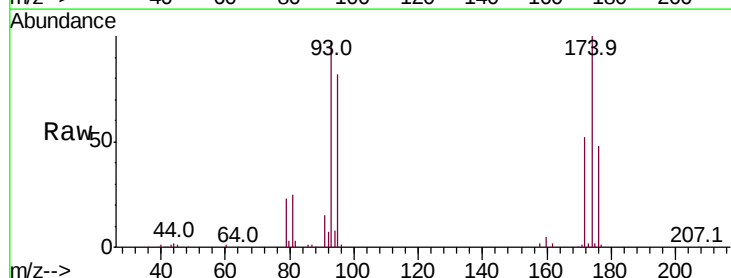
Tgt Ion: 93 Resp: 43823

Ion Ratio Lower Upper

93 100

95 83.8 66.8 100.2

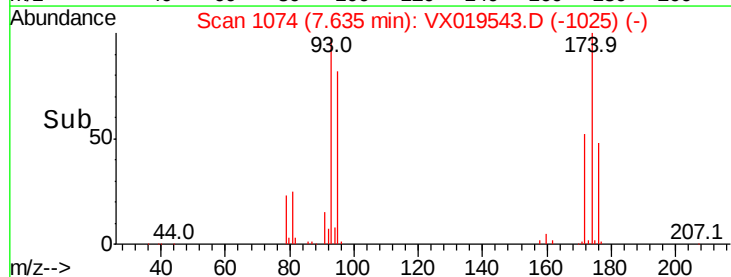
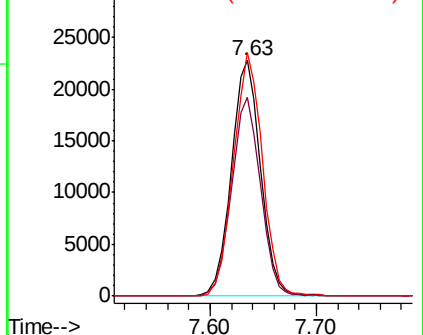
174 102.6 83.0 124.4

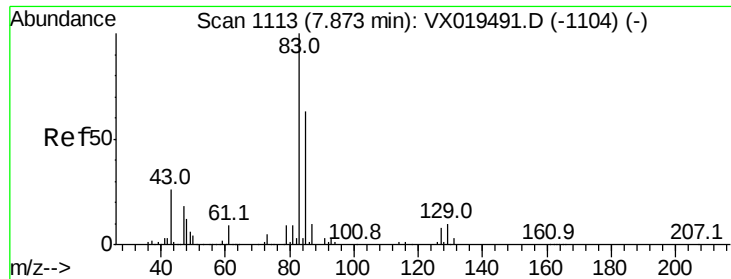


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.968 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

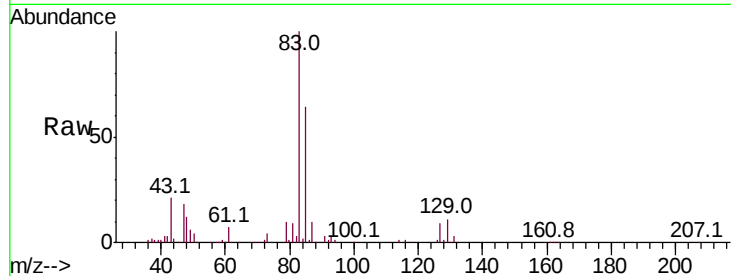
Tot Ion: 83 Resp: 85526

Ion Ratio Lower Upper

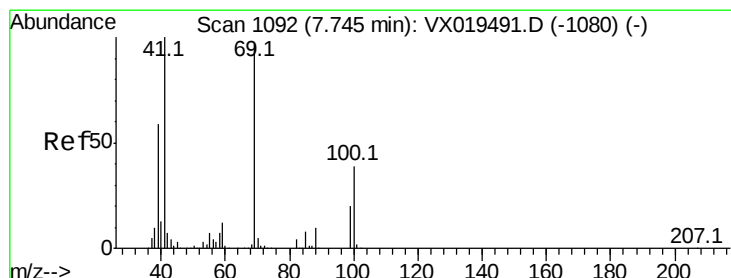
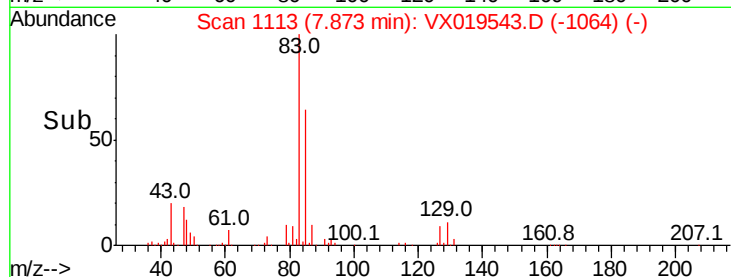
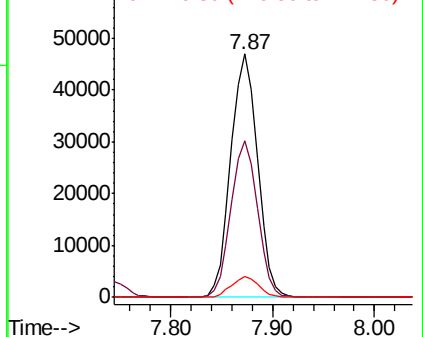
83 100

85 64.4 50.2 75.2

127 8.8 6.4 9.6



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



#48

Methyl methacrylate

Concen: 18.271 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

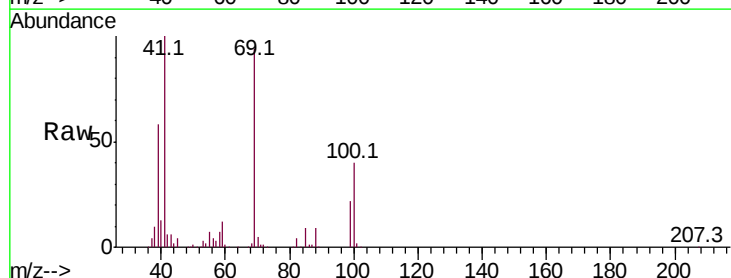
Tgt Ion: 41 Resp: 63984

Ion Ratio Lower Upper

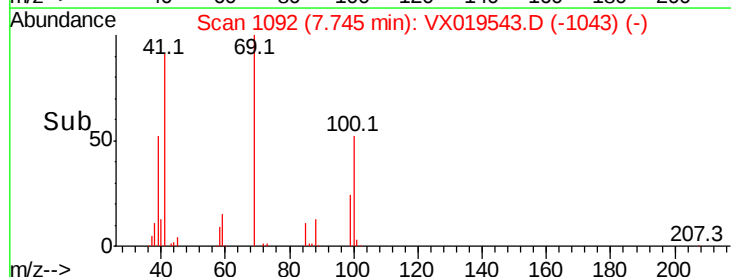
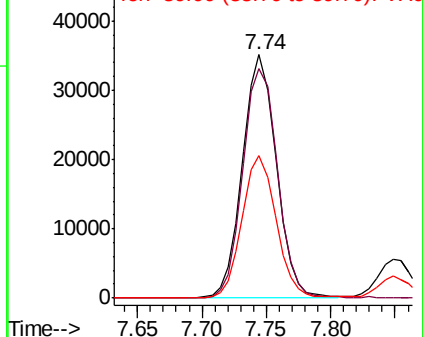
41 100

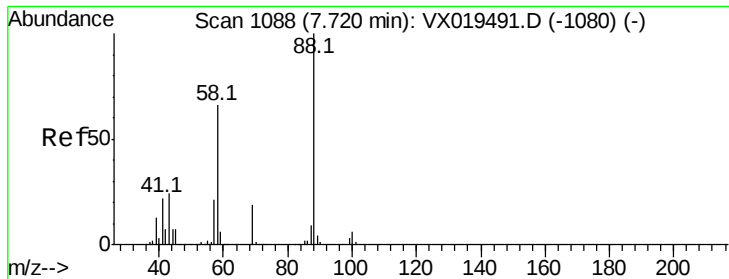
69 96.9 77.0 115.6

39 59.1 45.6 68.4



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



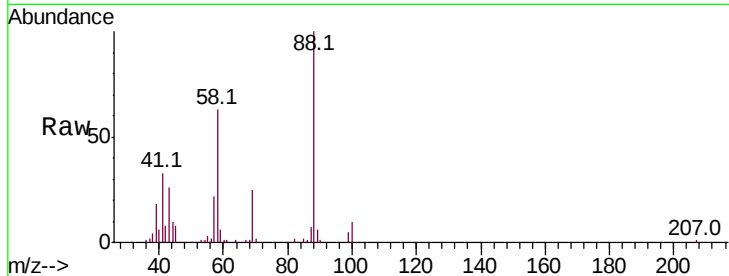


#49
 1,4-Dioxane
 Concen: 392.469 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

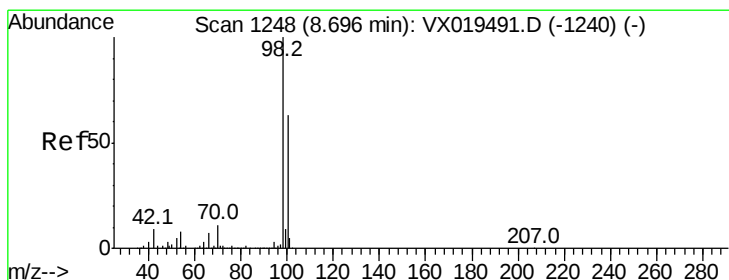
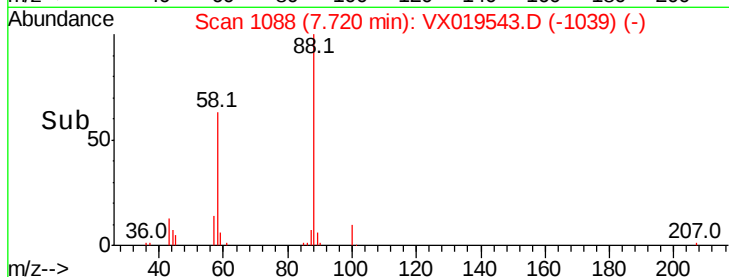
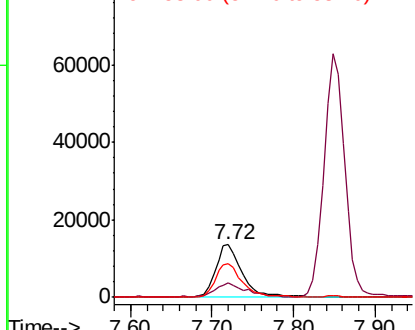
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

Tot Ion: 88 Resp: 31206

Ion	Ratio	Lower	Upper
88	100		
43	27.5	23.8	35.6
58	65.2	54.2	81.2



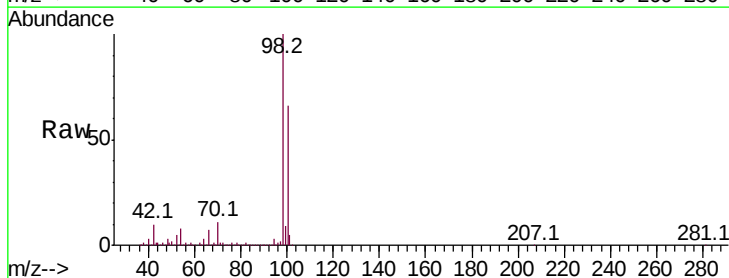
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



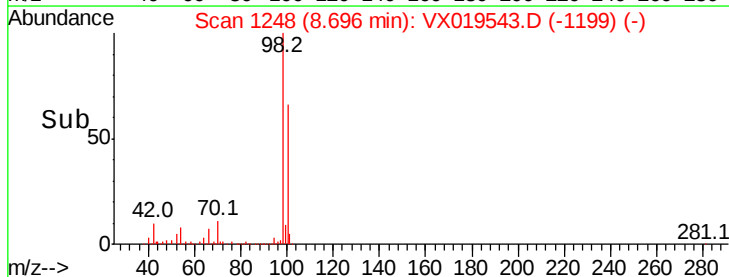
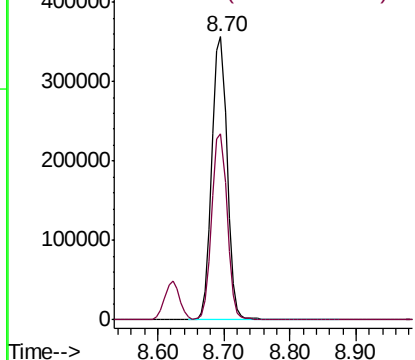
#50
 Toluene-d8
 Concen: 46.189 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

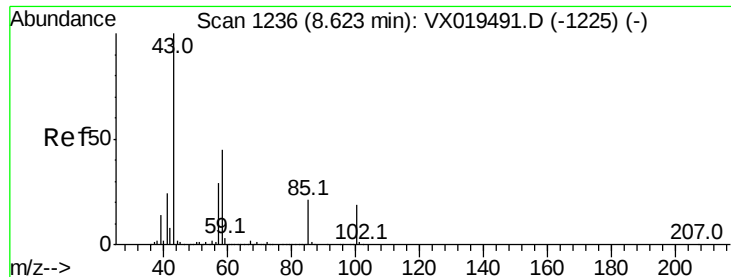
Tgt Ion: 98 Resp: 569412

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

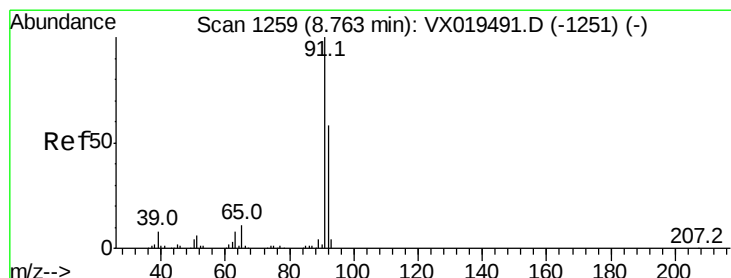
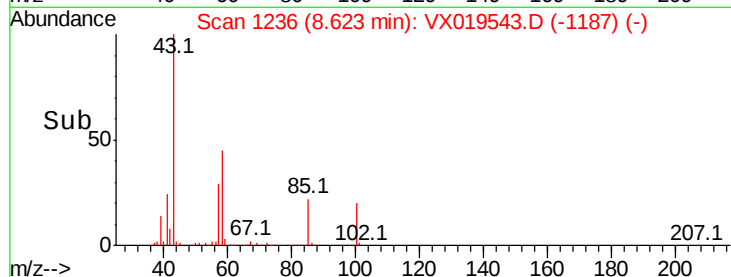
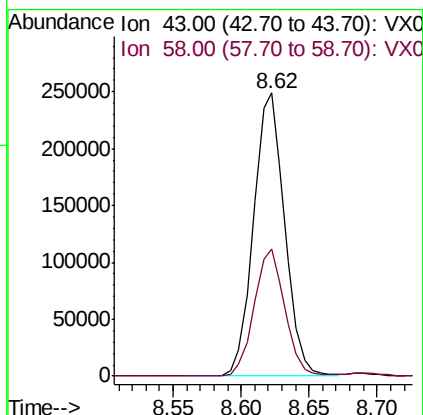
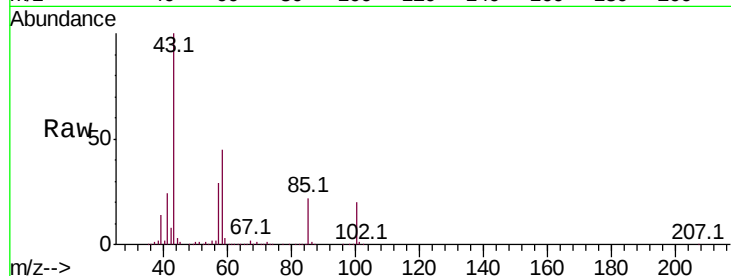




#51
 4-Methyl-2-Pentanone
 Concen: 91.725 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

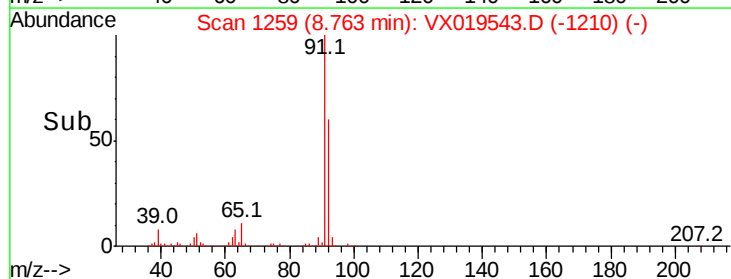
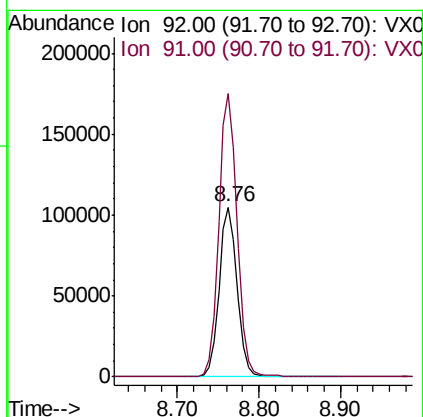
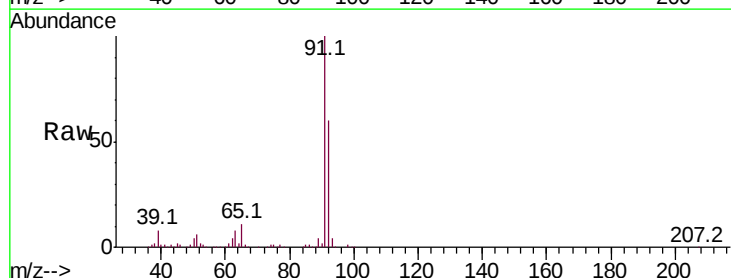
Instrument :
 MSVOA_X
 ClientSampled :
 VX1123WBS01

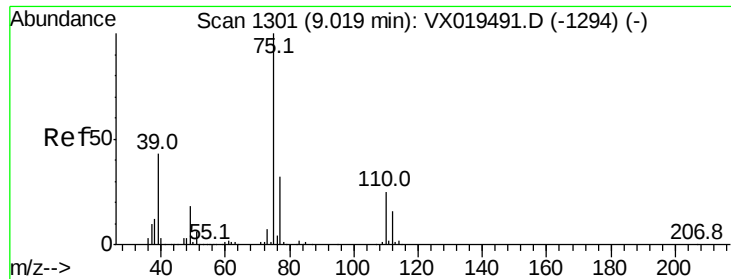
Tot Ion: 43 Resp: 399954
 Ion Ratio Lower Upper
 43 100
 58 44.4 35.1 52.7



#52
 Toluene
 Concen: 18.173 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion: 92 Resp: 161850
 Ion Ratio Lower Upper
 92 100
 91 169.3 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 18.330 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

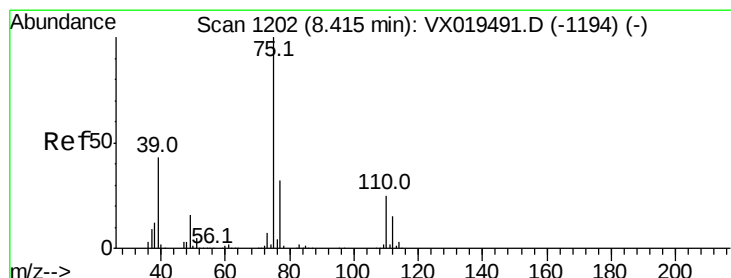
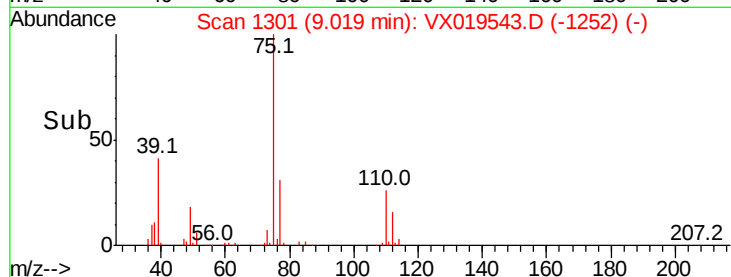
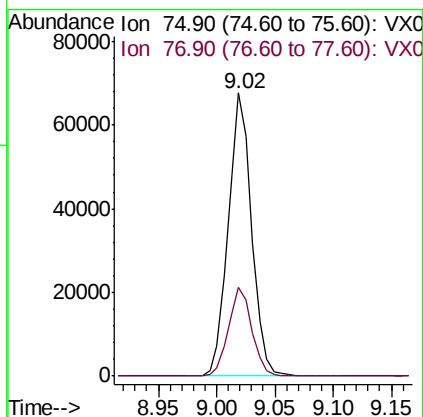
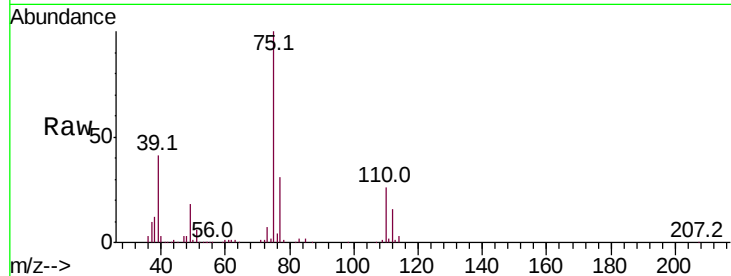
VX1123WBS01

Tot Ion: 75 Resp: 94229

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 18.379 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

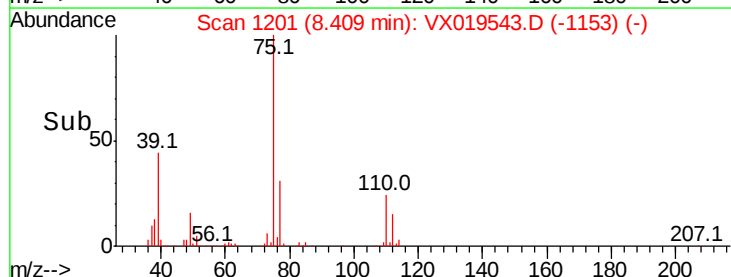
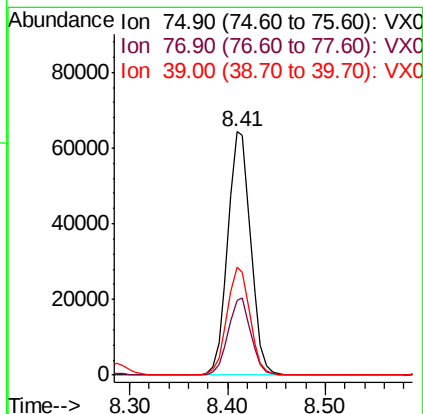
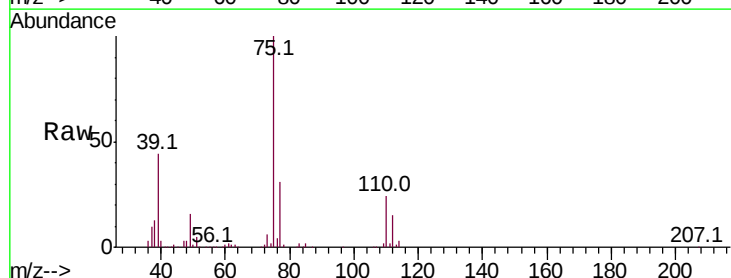
Tgt Ion: 75 Resp: 104851

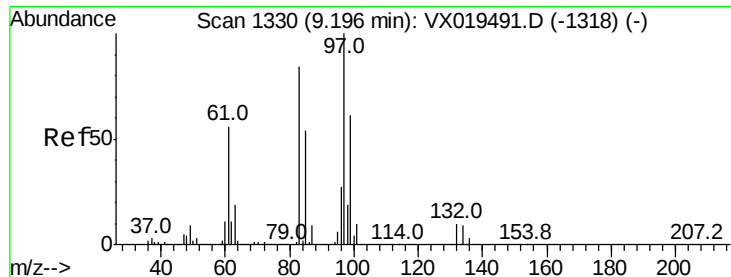
Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.6

39 44.1 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 18.109 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

Tot Ion: 97 Resp: 65682

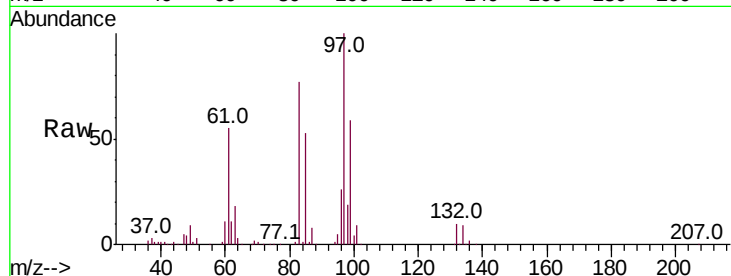
Ion Ratio Lower Upper

97 100

83 77.4 67.0 100.6

85 52.9 43.4 65.0

99 59.1 49.0 73.4

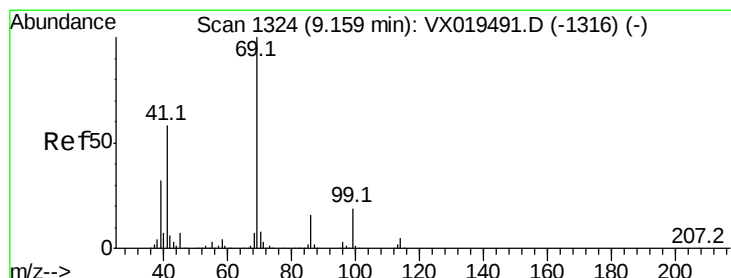
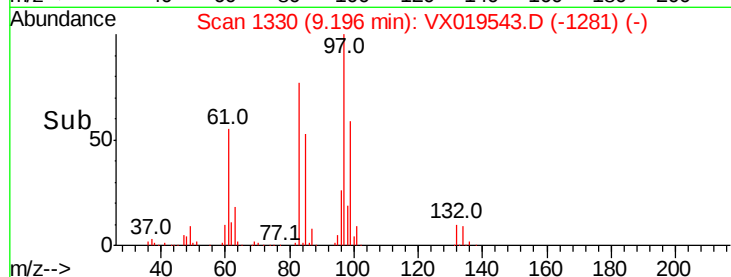
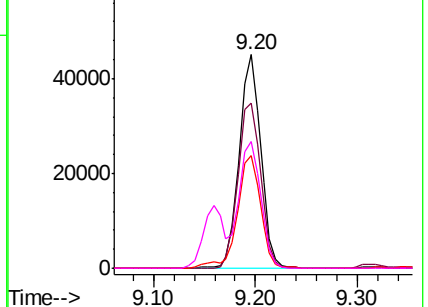


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.610 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

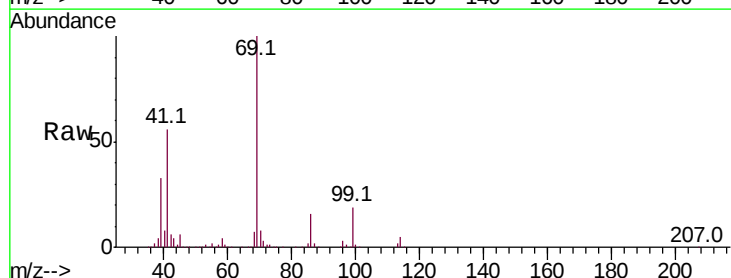
Tgt Ion: 69 Resp: 95515

Ion Ratio Lower Upper

69 100

41 57.9 46.2 69.2

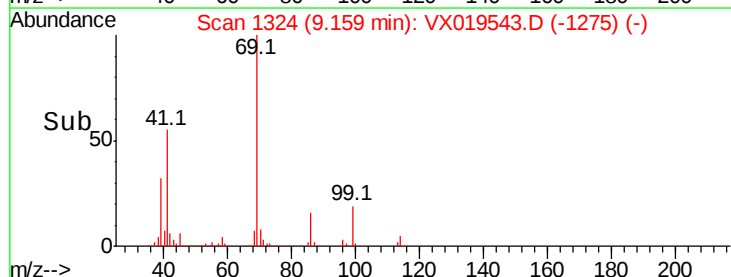
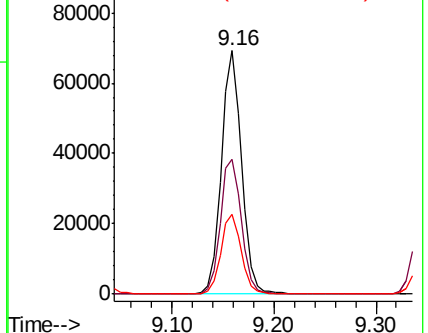
39 33.1 25.5 38.3

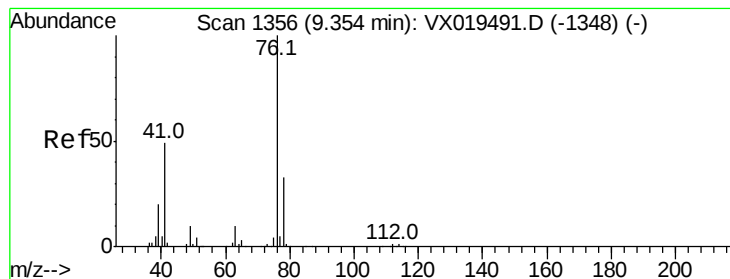


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 17.782 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

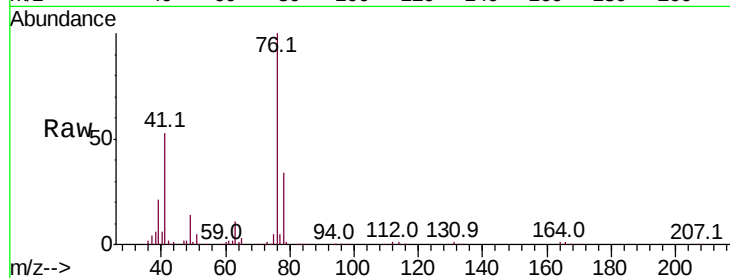
VX1123WBS01

Tot Ion: 76 Resp: 107985

Ion Ratio Lower Upper

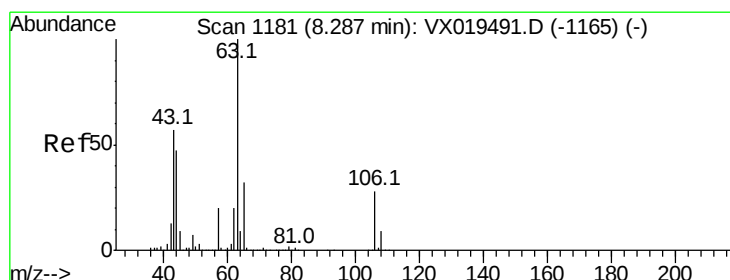
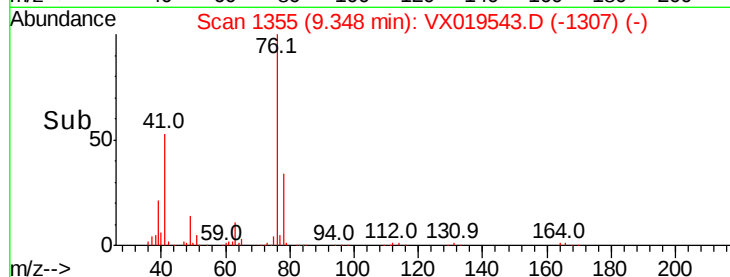
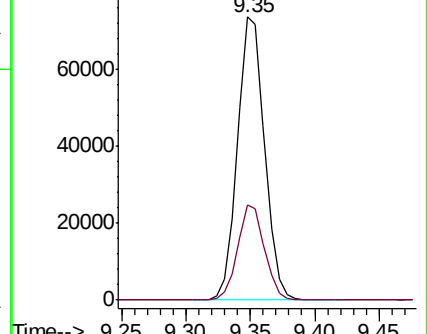
76 100

78 33.3 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 83.371 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019543.D

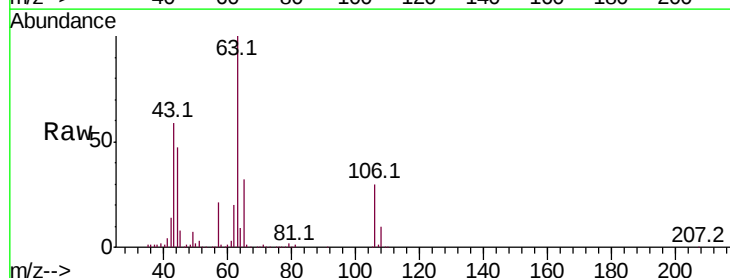
Acq: 23 Nov 2020 12:16

Tgt Ion: 63 Resp: 250725

Ion Ratio Lower Upper

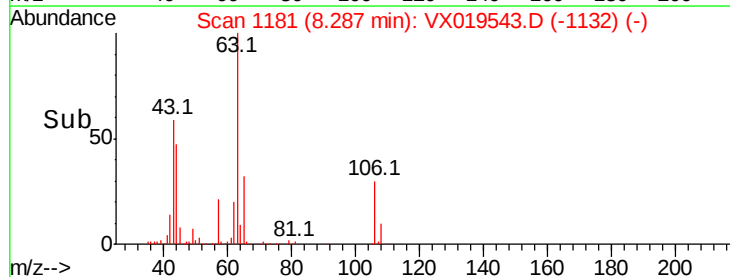
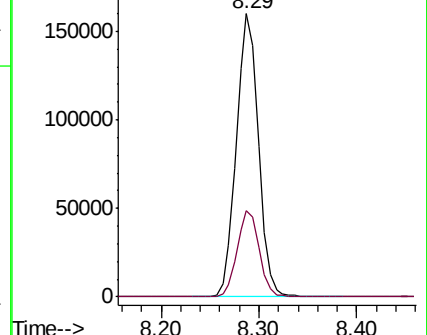
63 100

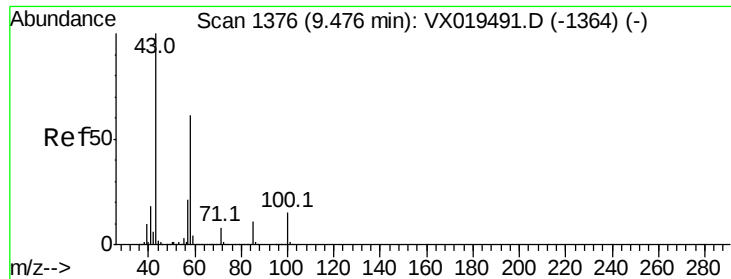
106 30.6 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

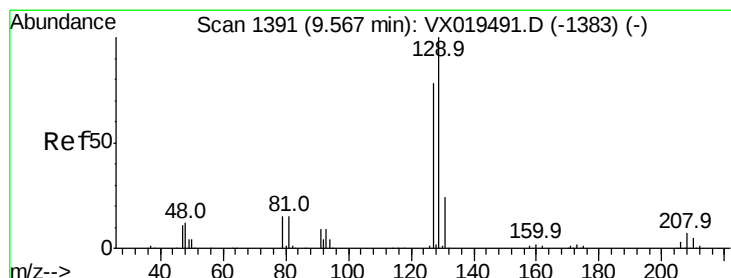
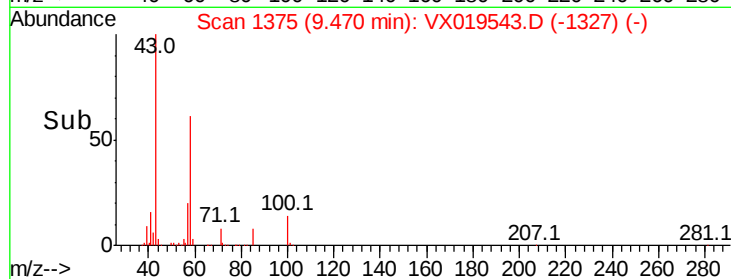
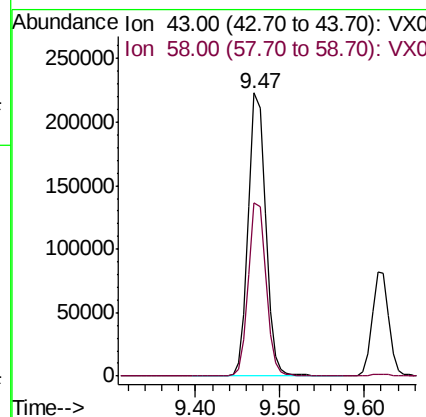
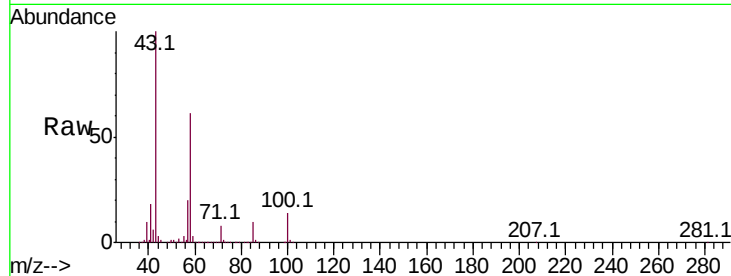




#59
2-Hexanone
Concen: 92.577 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

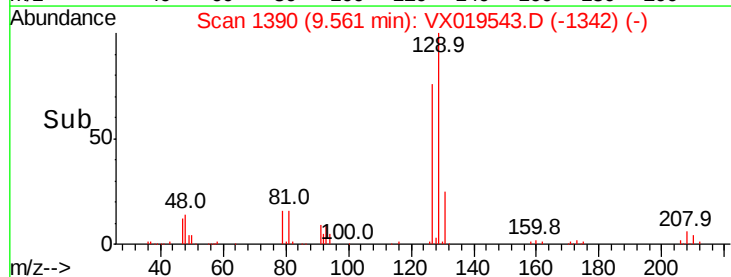
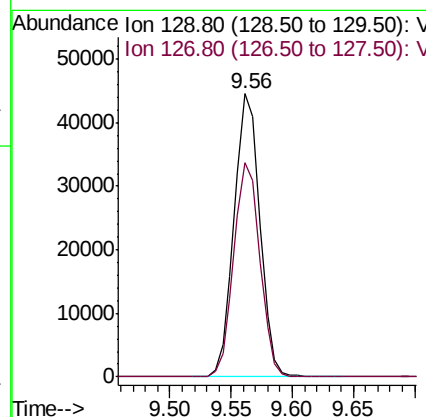
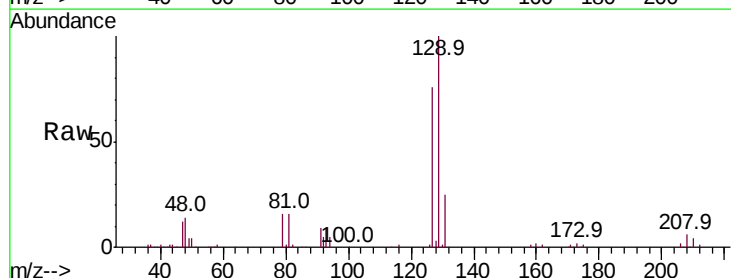
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

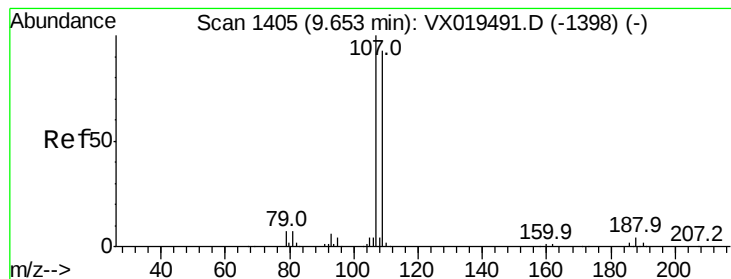
Tot Ion: 43 Resp: 306151
Ion Ratio Lower Upper
43 100
58 62.1 30.6 91.6



#60
Dibromochloromethane
Concen: 18.200 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion: 129 Resp: 64661
Ion Ratio Lower Upper
129 100
127 76.6 39.0 116.9





#61

1,2-Dibromoethane

Concen: 17.961 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

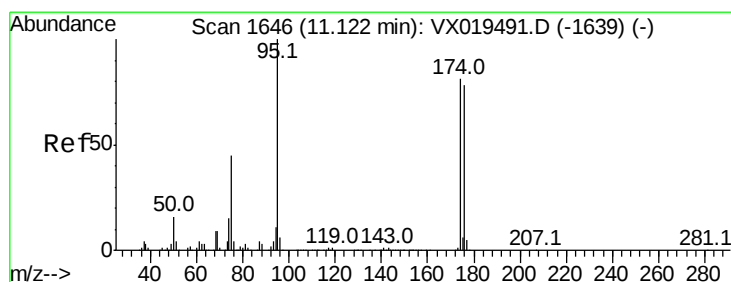
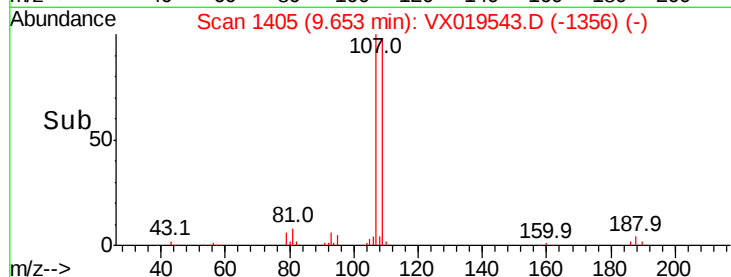
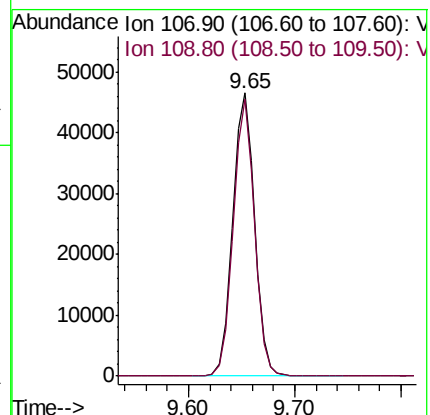
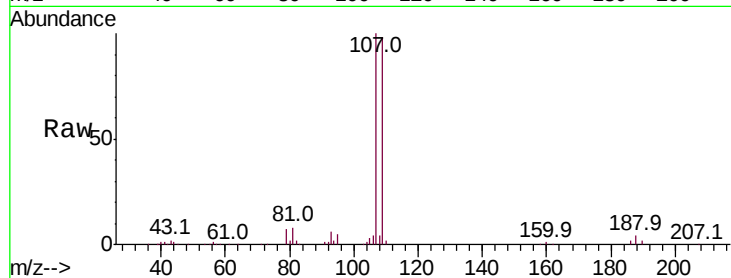
VX1123WBS01

Tot Ion:107 Resp: 67150

Ion Ratio Lower Upper

107 100

109 95.2 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 47.088 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

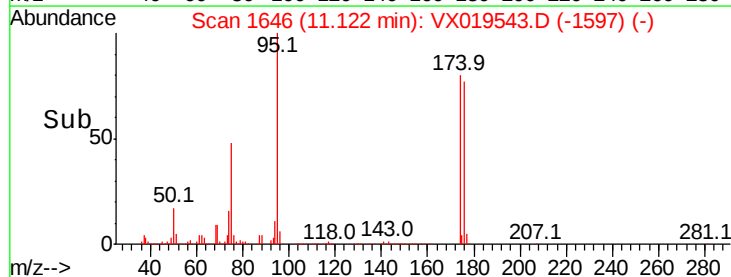
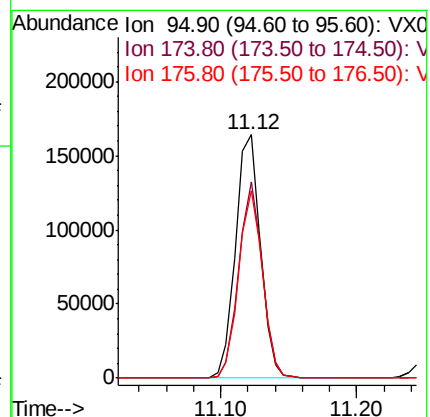
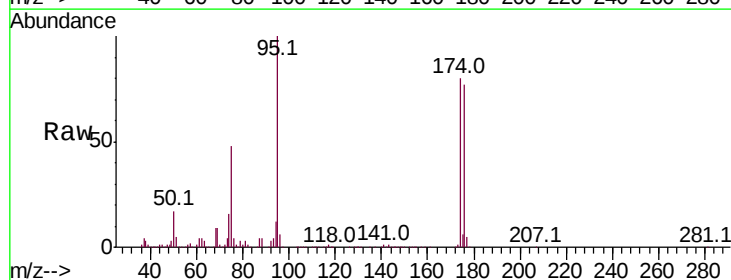
Tgt Ion: 95 Resp: 208855

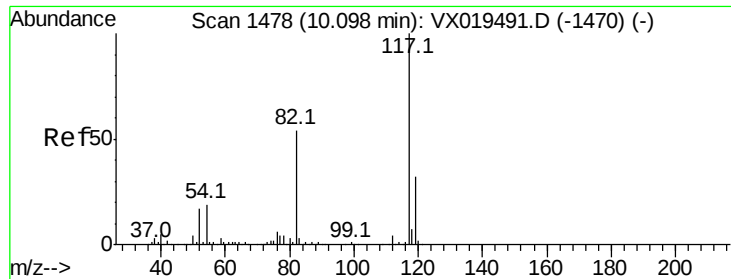
Ion Ratio Lower Upper

95 100

174 76.7 0.0 156.2

176 74.3 0.0 151.4

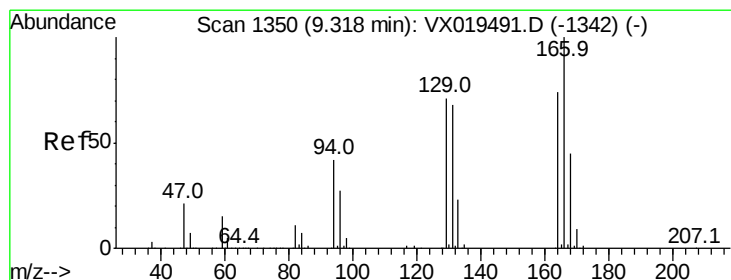
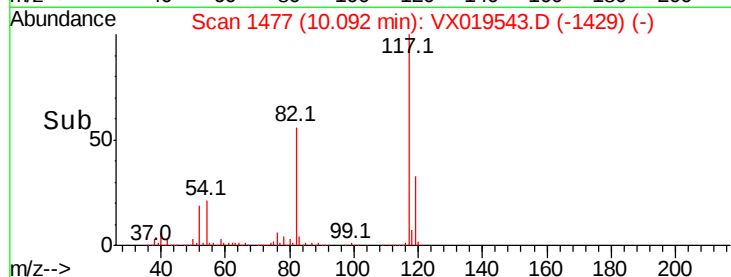
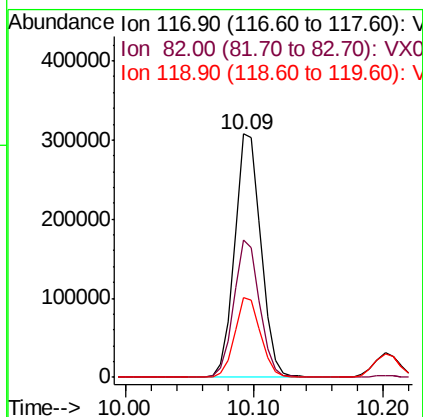
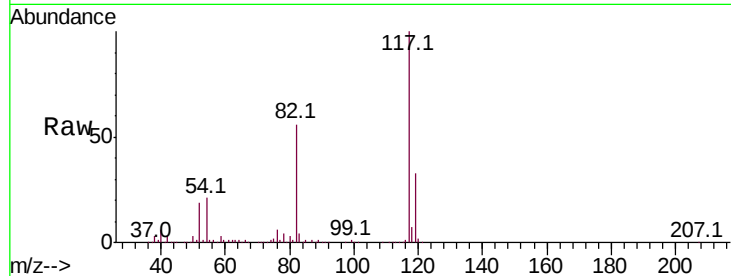




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

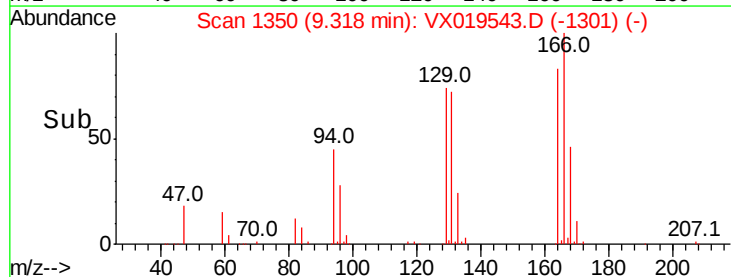
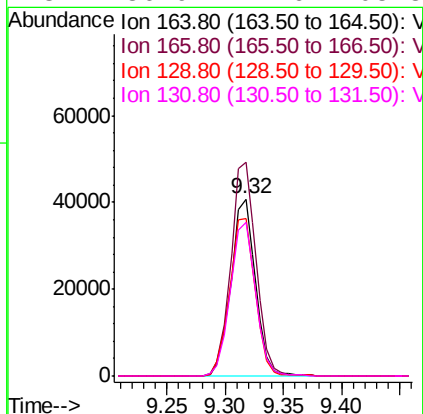
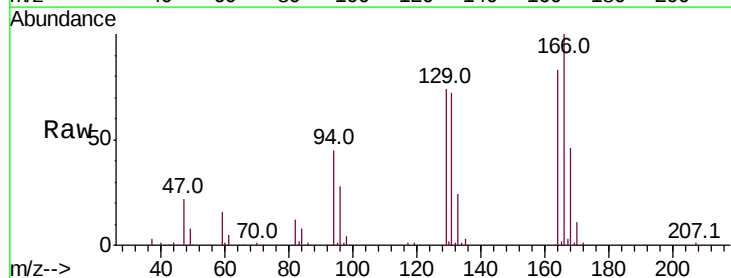
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

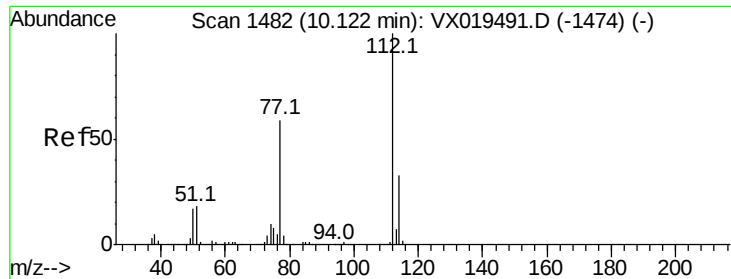
Tot Ion:117 Resp: 437052
Ion Ratio Lower Upper
117 100
82 56.5 43.0 64.4
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 17.469 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion:164 Resp: 60015
Ion Ratio Lower Upper
164 100
166 120.5 107.4 161.0
129 89.1 76.6 114.8
131 86.9 72.6 108.8





#65

Chlorobenzene

Concen: 18.532 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampled :

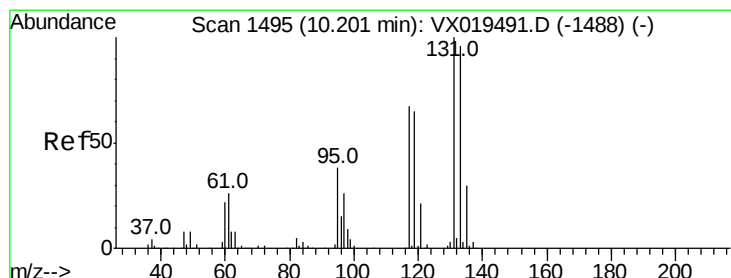
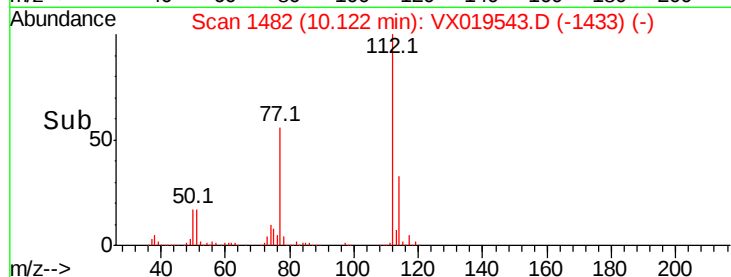
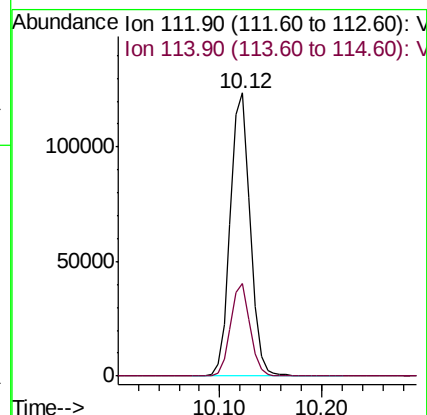
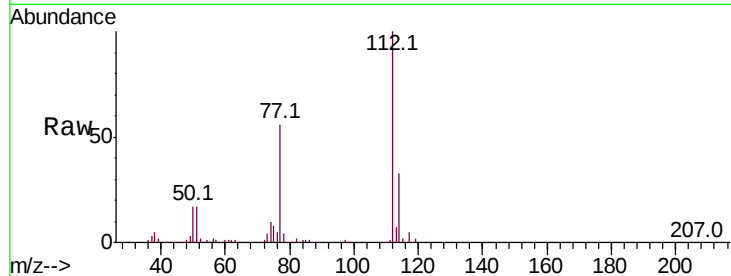
VX1123WBS01

Tot Ion:112 Resp: 166528

Ion Ratio Lower Upper

112 100

114 32.8 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.037 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

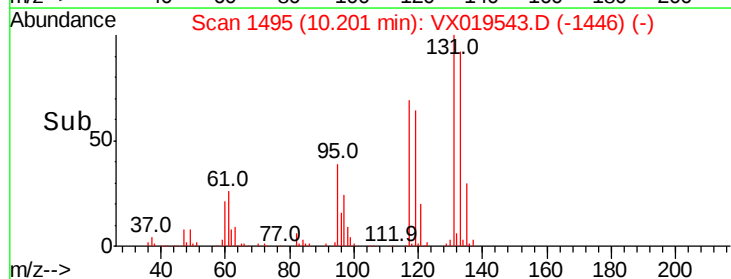
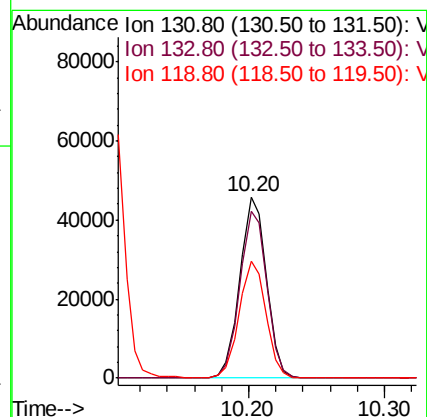
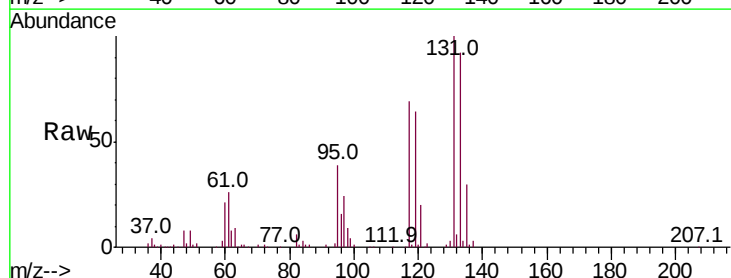
Tgt Ion:131 Resp: 62223

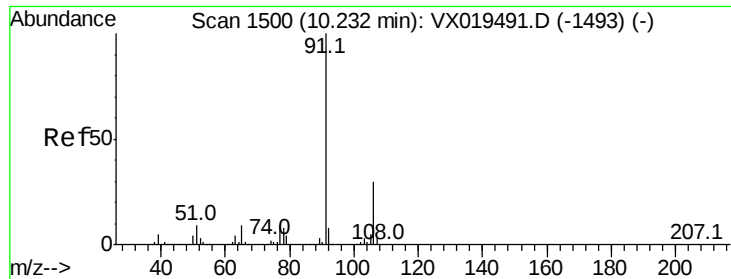
Ion Ratio Lower Upper

131 100

133 93.7 48.5 145.5

119 65.1 33.0 99.0

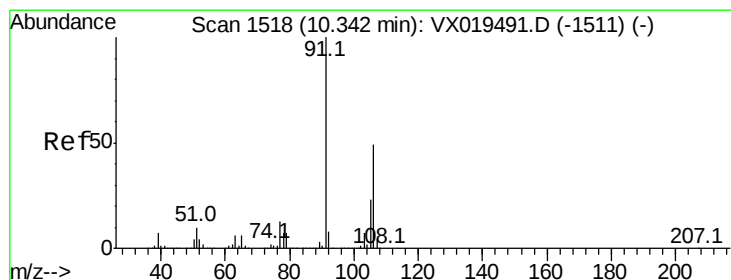
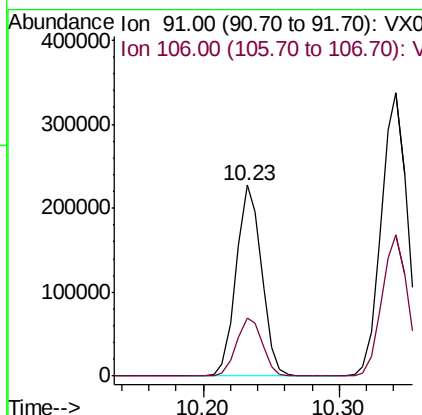
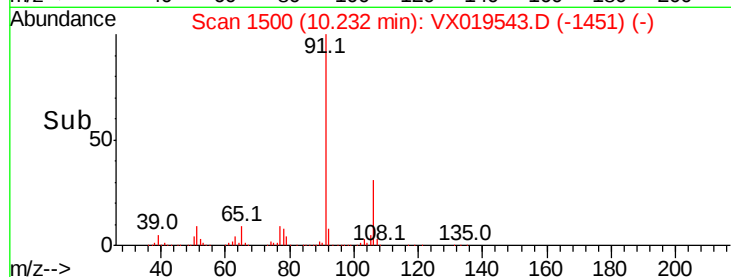
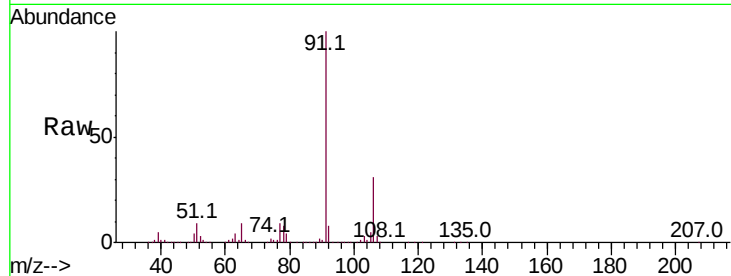




#67
Ethyl Benzene
Concen: 18.881 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

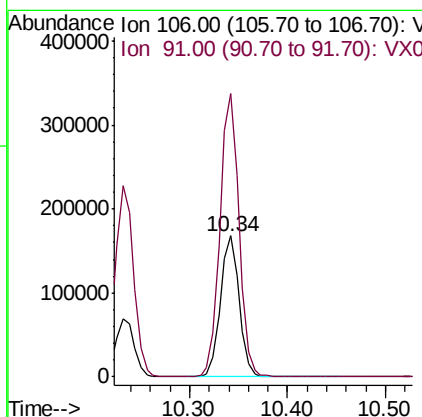
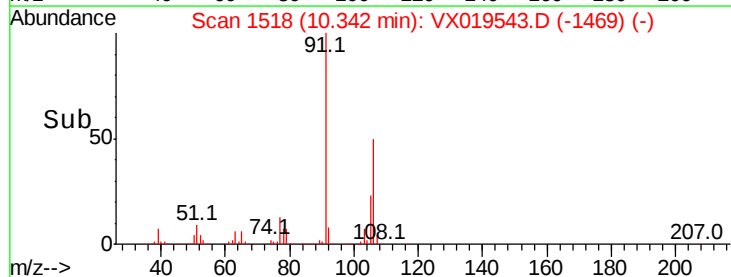
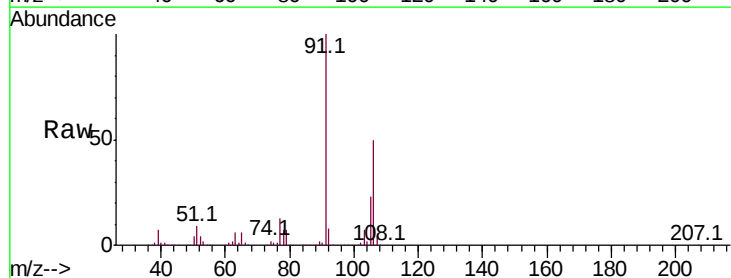
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

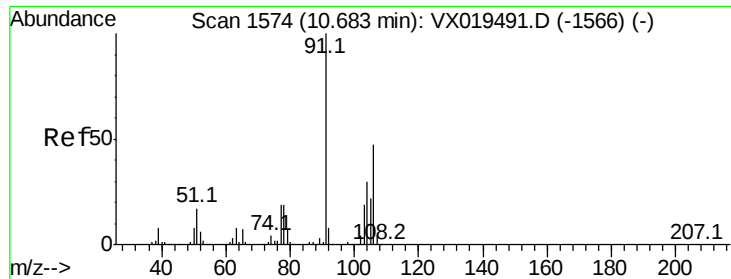
Tot Ion: 91 Resp: 297223
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0



#68
m/p-Xylenes
Concen: 37.992 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion: 106 Resp: 222819
Ion Ratio Lower Upper
106 100
91 203.7 163.3 244.9

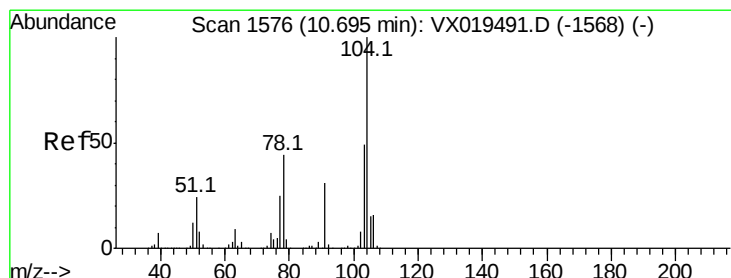
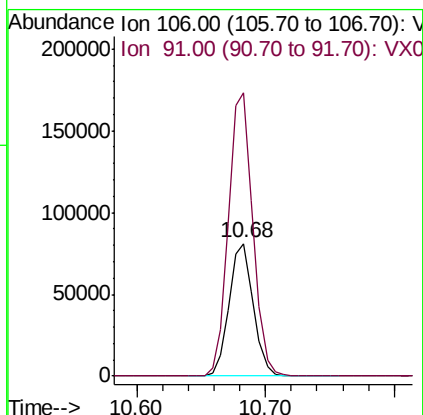
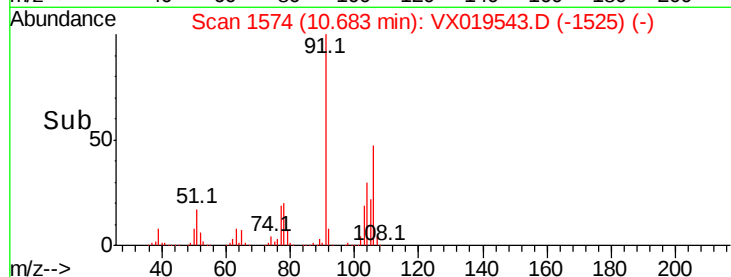
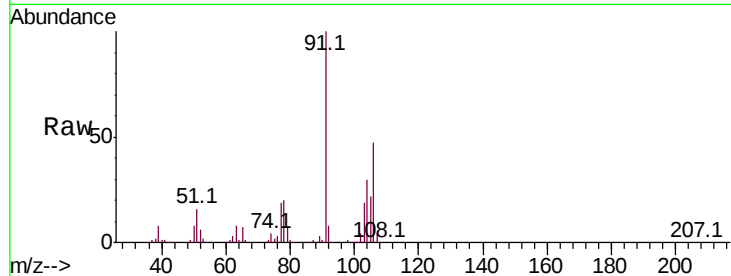




#69
o-Xylene
Concen: 19.127 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

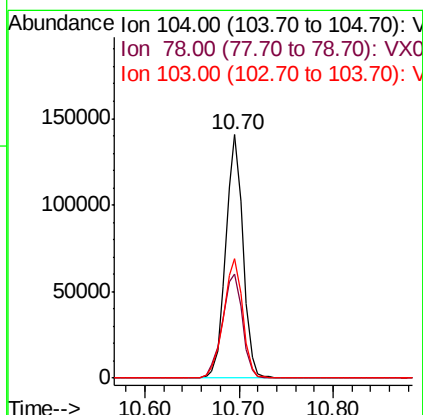
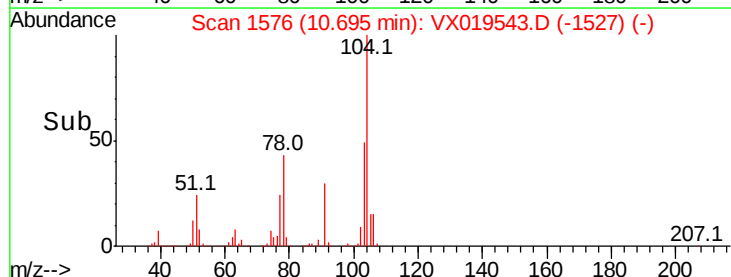
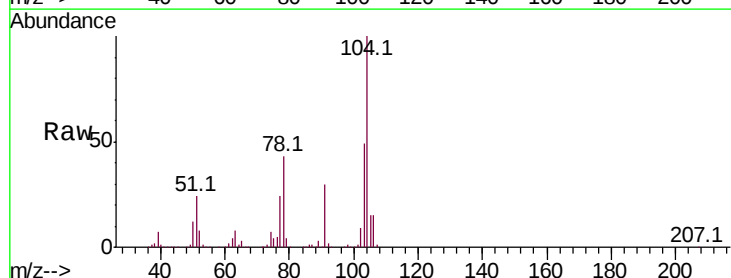
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

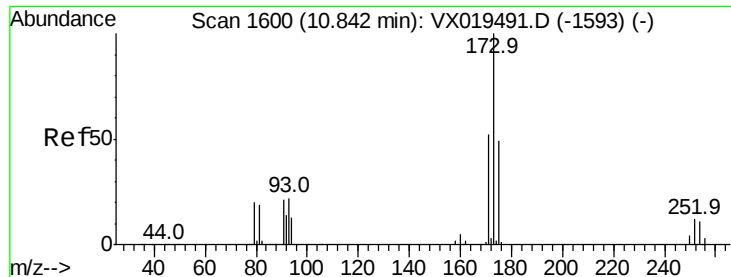
Tot Ion:106 Resp: 107234
Ion Ratio Lower Upper
106 100
91 215.4 108.0 324.0



#70
Styrene
Concen: 18.282 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion:104 Resp: 178527
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 54.3 43.6 65.4





#71

Bromoform

Concen: 19.068 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

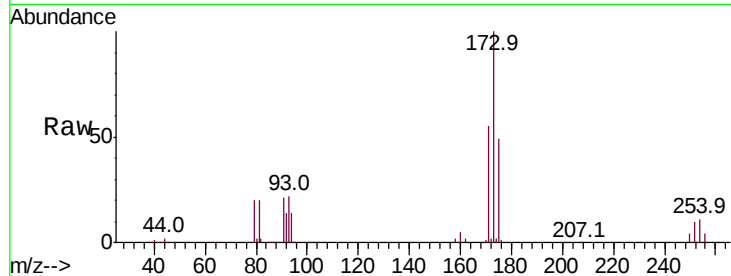
Tot Ion:173 Resp: 46145

Ion Ratio Lower Upper

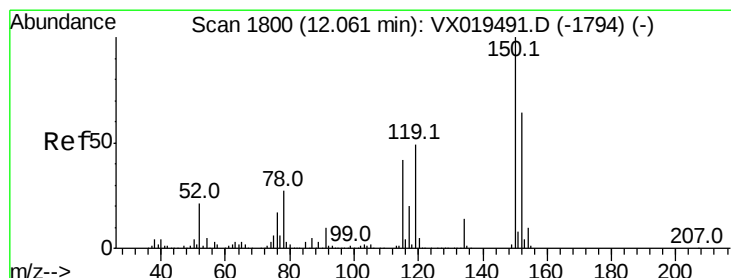
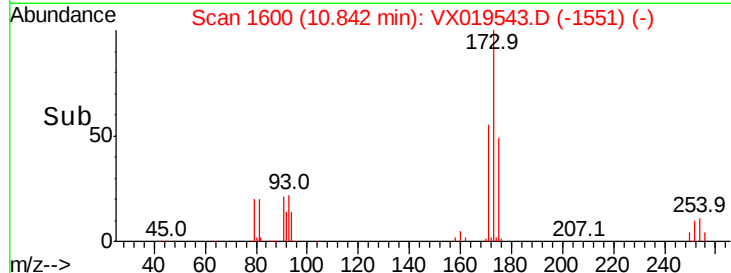
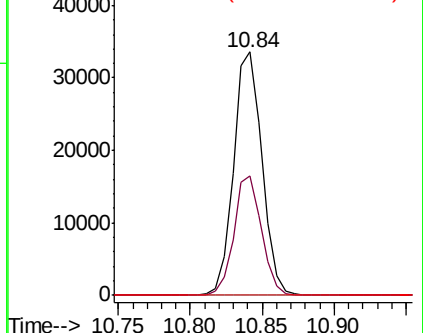
173 100

175 47.8 24.9 74.8

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: VX019543.D

Acq: 23 Nov 2020 12:16

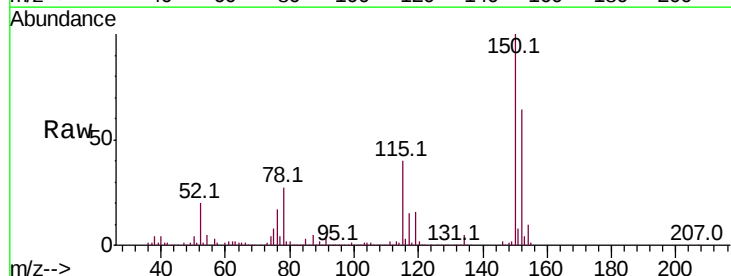
Tgt Ion:152 Resp: 210883

Ion Ratio Lower Upper

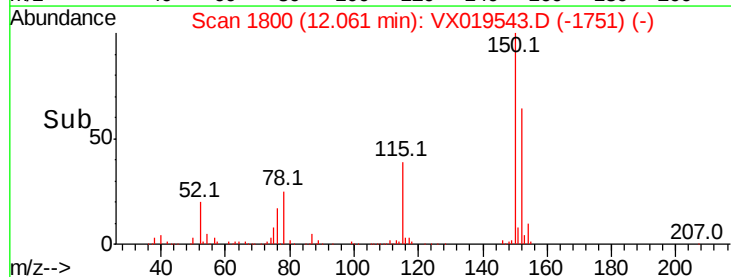
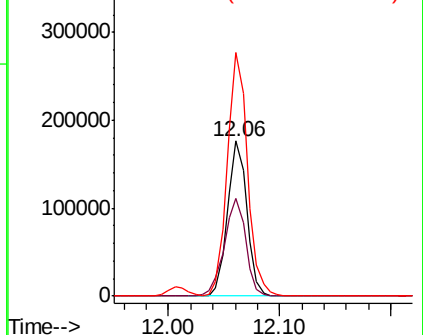
152 100

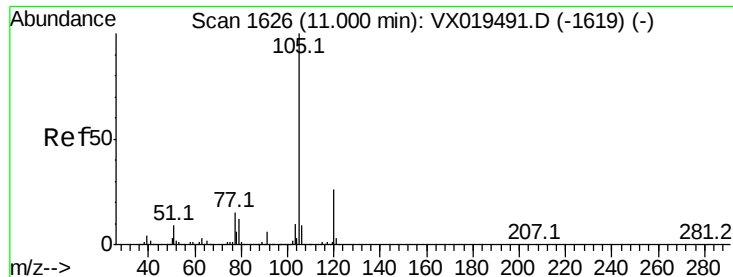
115 69.5 41.8 125.4

150 165.3 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.690 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampled :

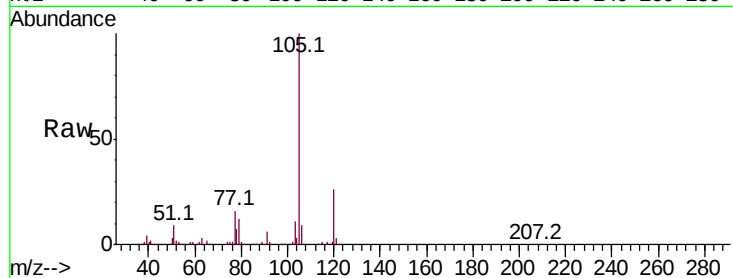
VX1123WBS01

Tot Ion:105 Resp: 287250

Ion Ratio Lower Upper

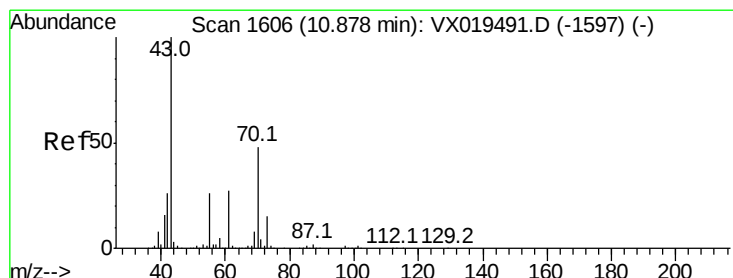
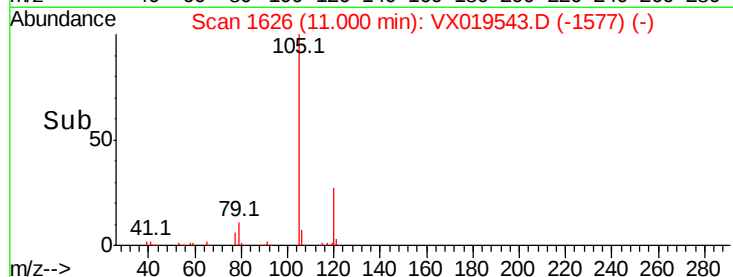
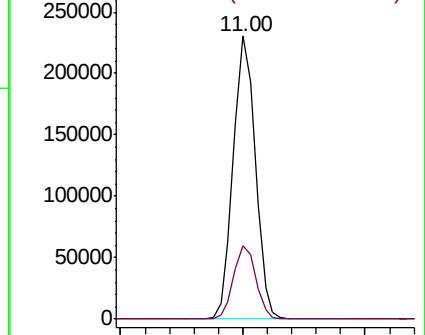
105 100

120 26.1 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.631 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Tgt Ion: 43 Resp: 112782

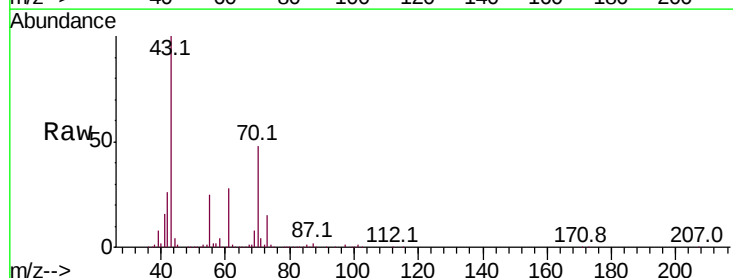
Ion Ratio Lower Upper

43 100

70 49.3 39.7 59.5

55 26.2 21.8 32.6

61 27.9 22.2 33.4

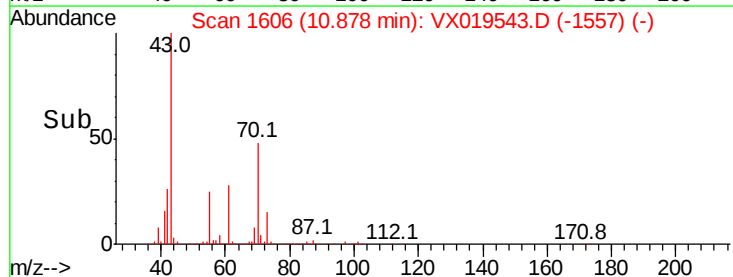
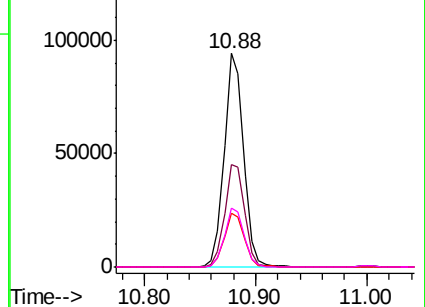


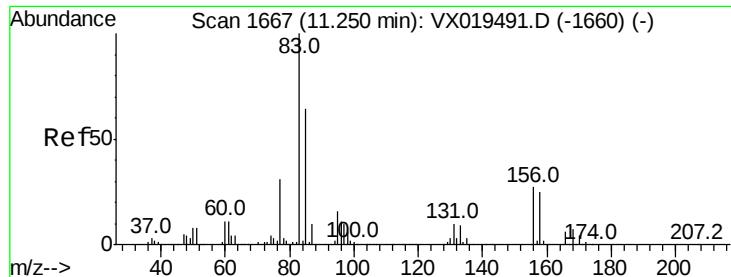
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.045 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

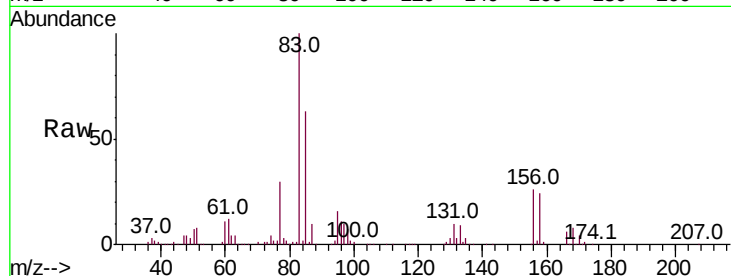
Tot Ion: 83 Resp: 99357

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

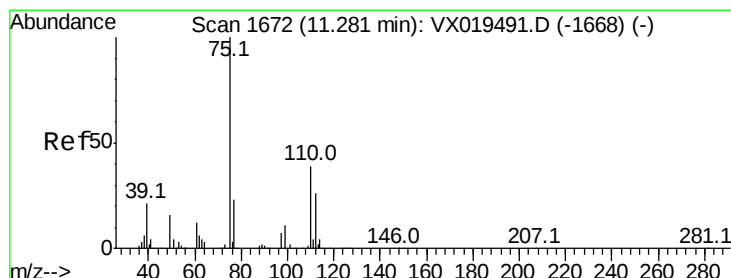
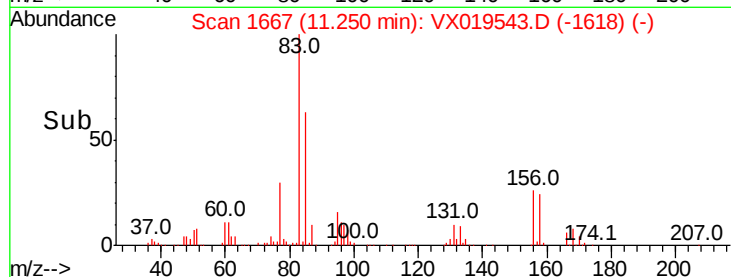
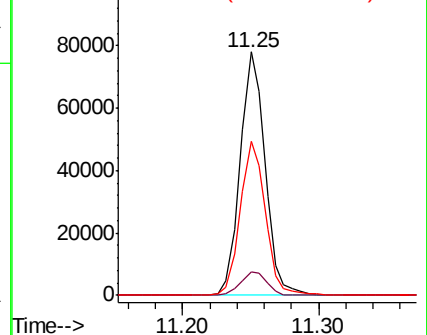
85 63.8 32.4 97.2



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: 24.051 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019543.D

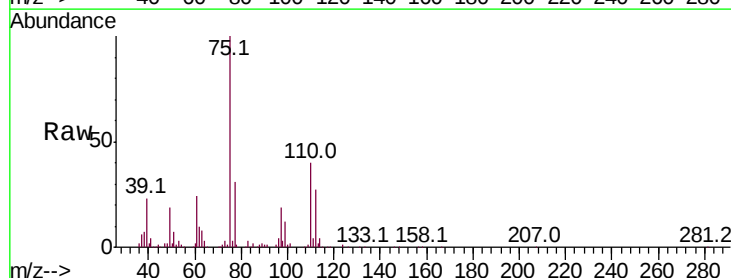
Acq: 23 Nov 2020 12:16

Tgt Ion: 75 Resp: 110687

Ion Ratio Lower Upper

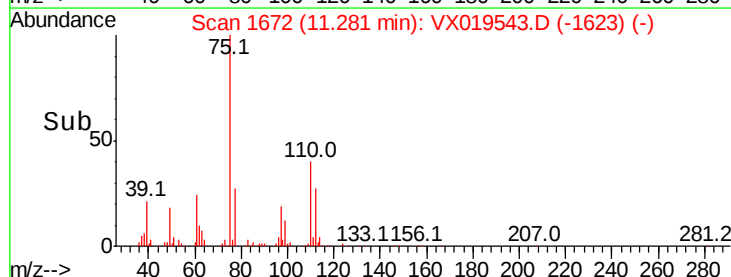
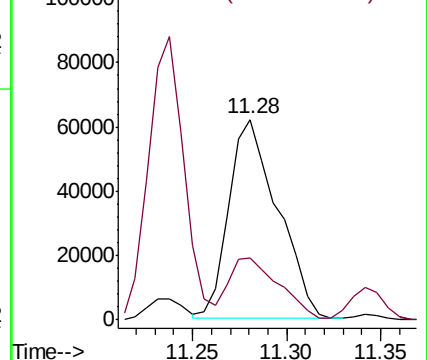
75 100

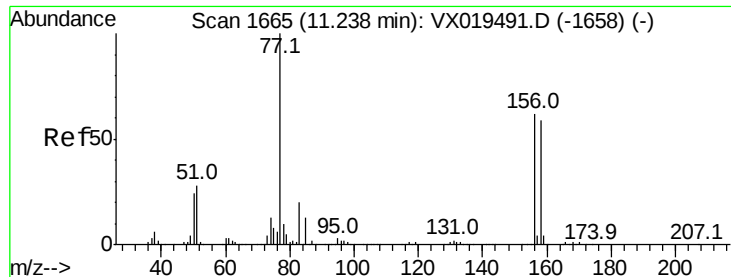
77 32.2 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.039 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

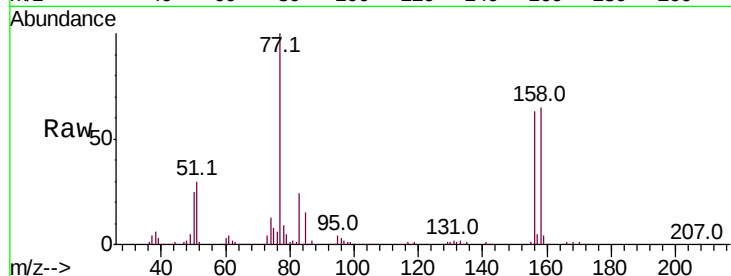
Tot Ion:156 Resp: 70904

Ion Ratio Lower Upper

156 100

77 164.0 82.5 247.3

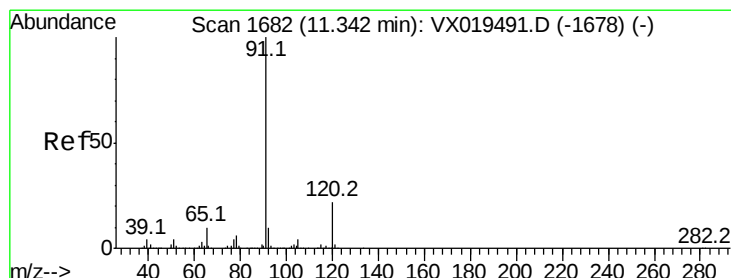
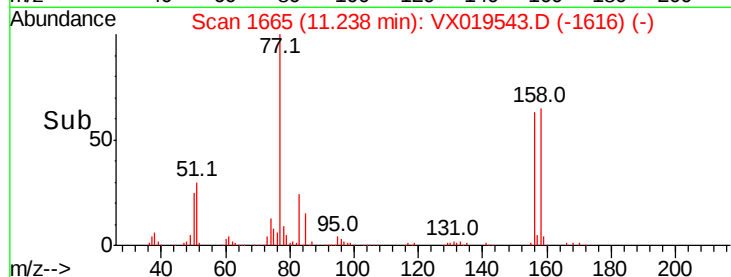
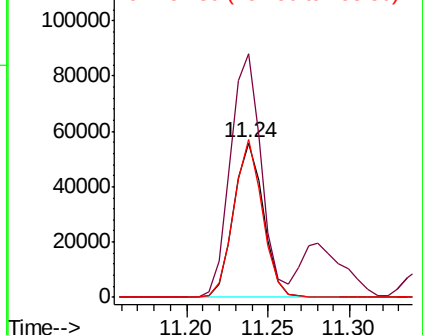
158 98.3 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.131 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019543.D

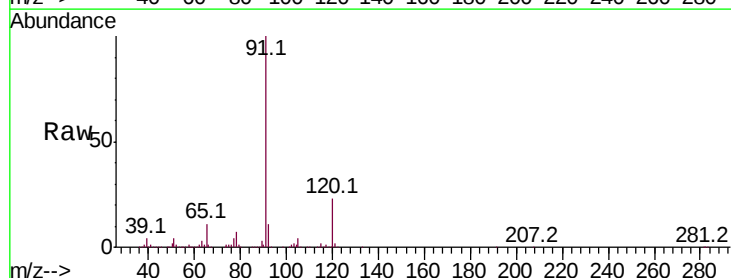
Acq: 23 Nov 2020 12:16

Tgt Ion: 91 Resp: 320172

Ion Ratio Lower Upper

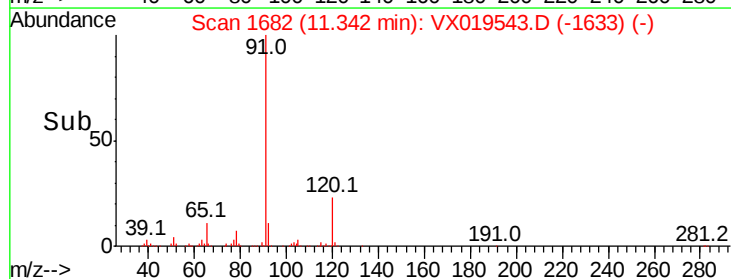
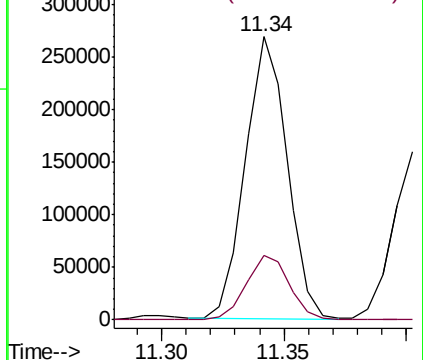
91 100

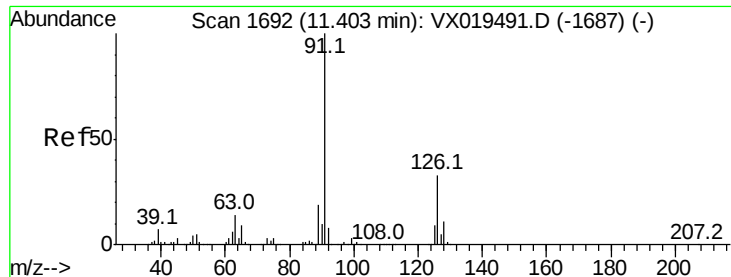
120 23.4 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

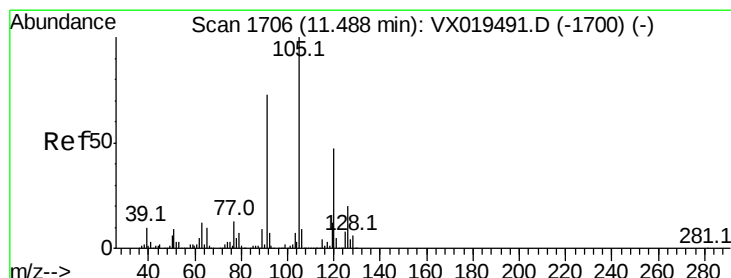
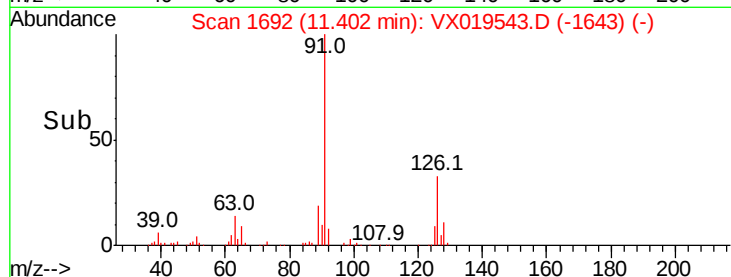
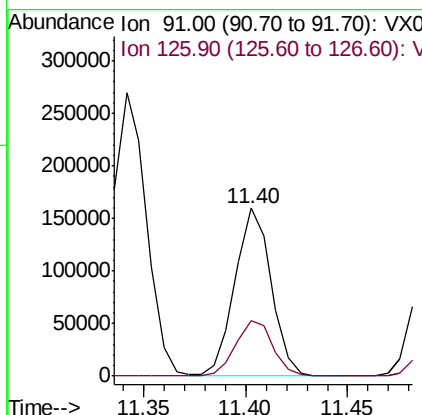
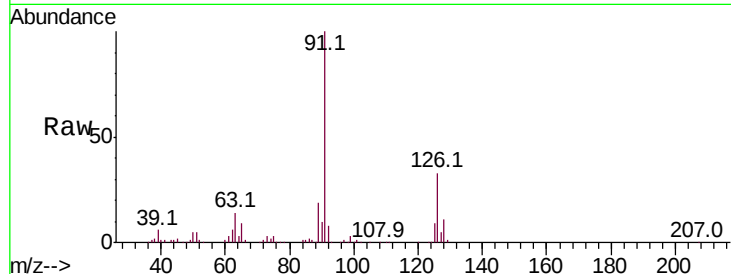




#79
 2-Chlorotoluene
 Concen: 19.343 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

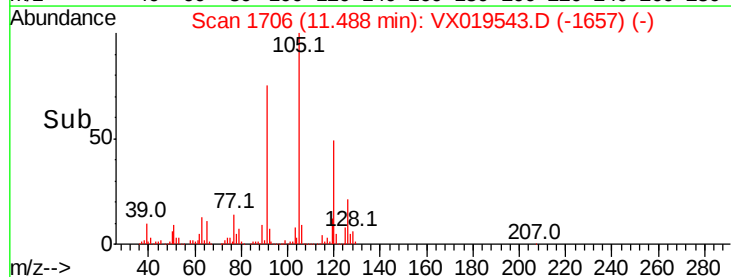
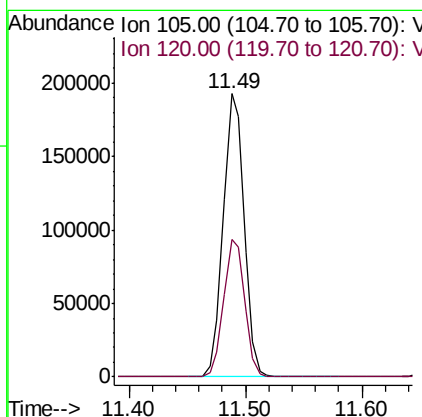
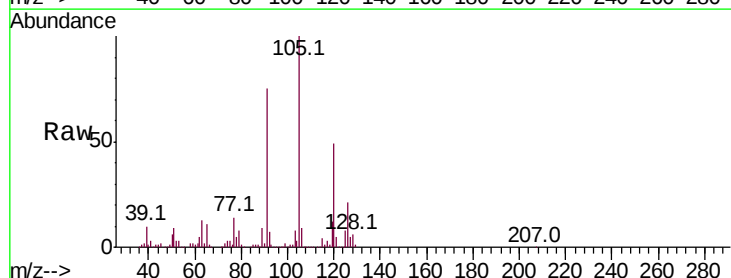
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

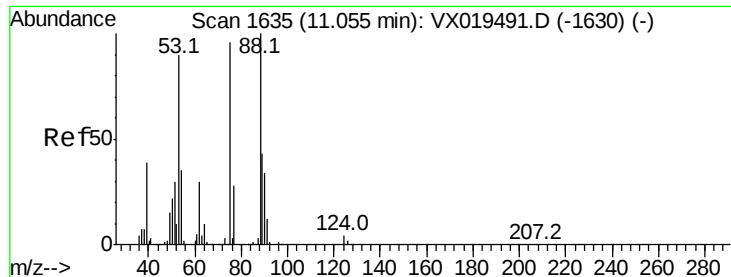
Tot Ion: 91 Resp: 196325
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.497 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion: 105 Resp: 238600
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.3

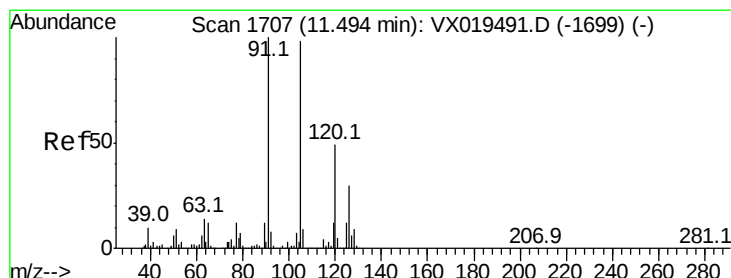
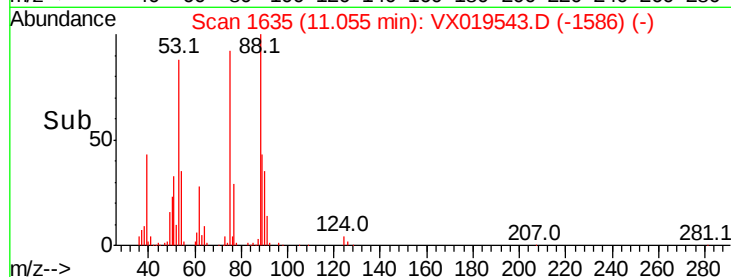
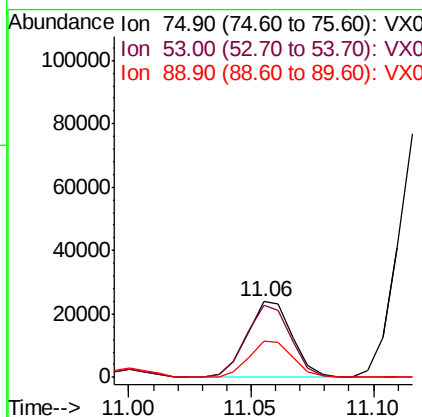
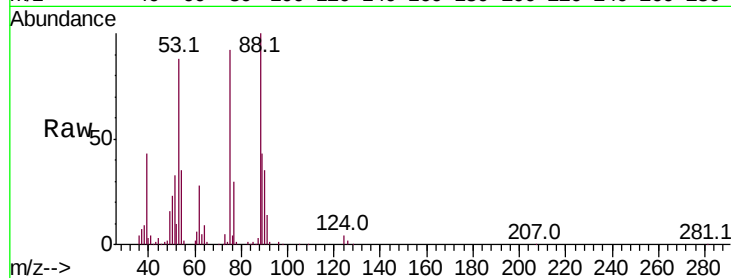




#81
trans-1,4-Dichloro-2-butene
Concen: 20.821 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

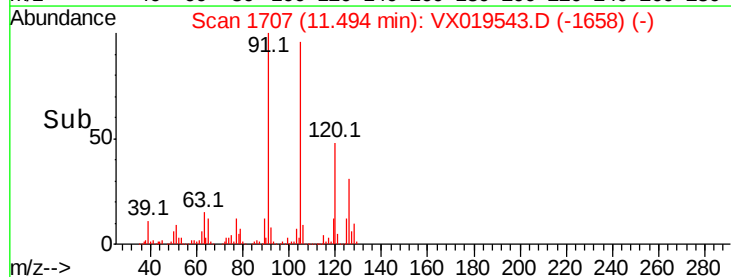
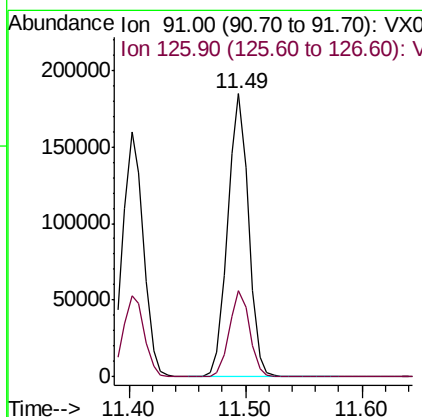
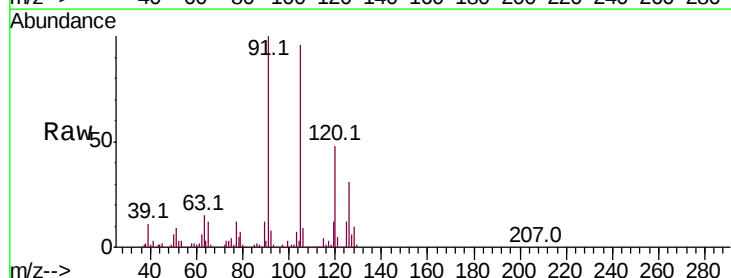
Instrument :
MSVOA_X
ClientSampled :
VX1123WBS01

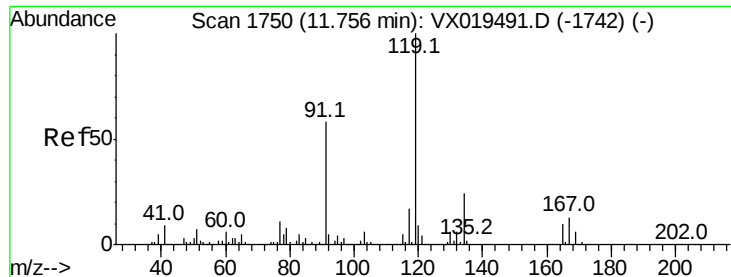
Tot Ion: 75 Resp: 30878
Ion Ratio Lower Upper
75 100
53 94.5 73.9 110.9
89 46.4 37.3 55.9



#82
4-Chlorotoluene
Concen: 19.161 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion: 91 Resp: 228937
Ion Ratio Lower Upper
91 100
126 30.0 14.9 44.7

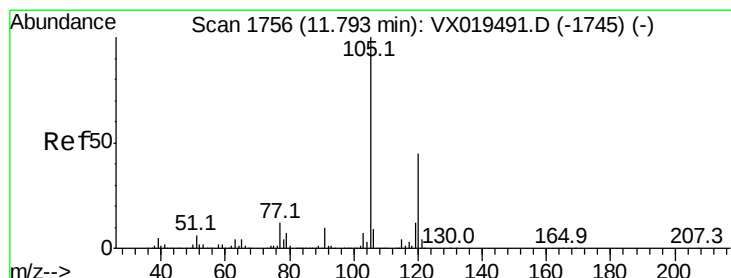
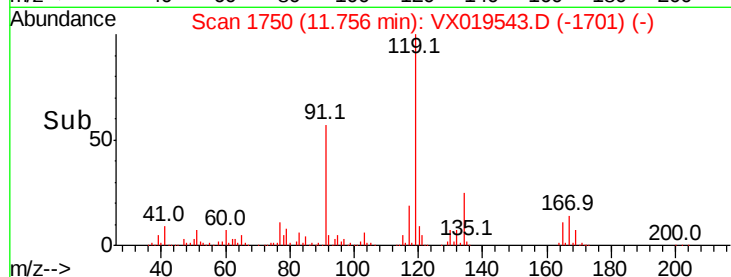
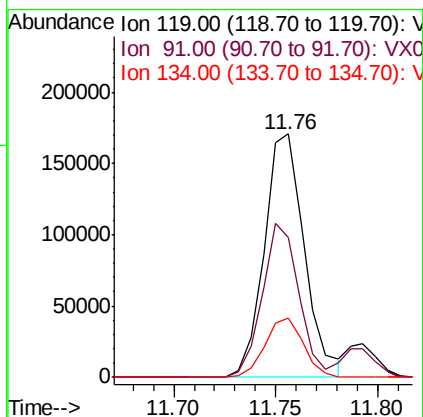
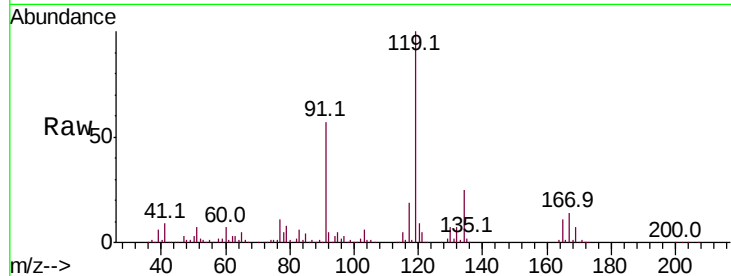




#83
tert-Butylbenzene
Concen: 19.755 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

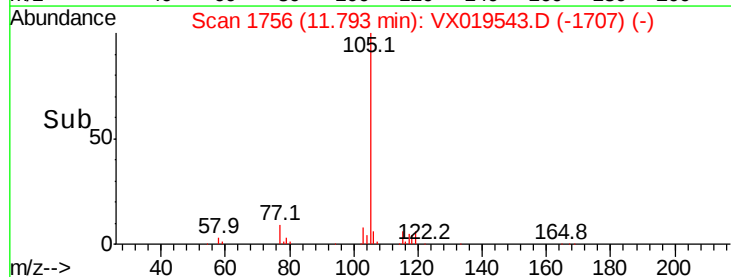
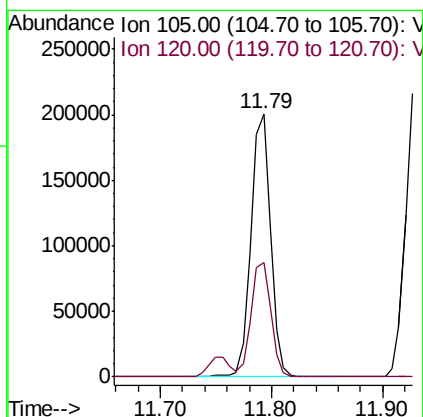
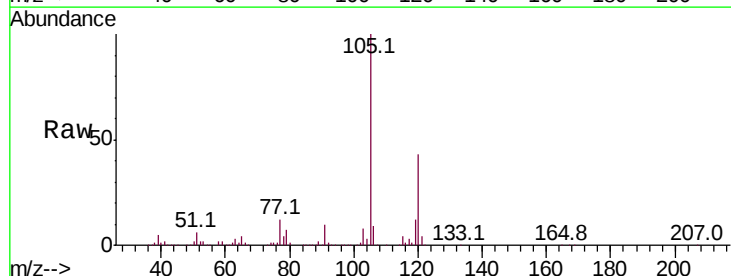
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

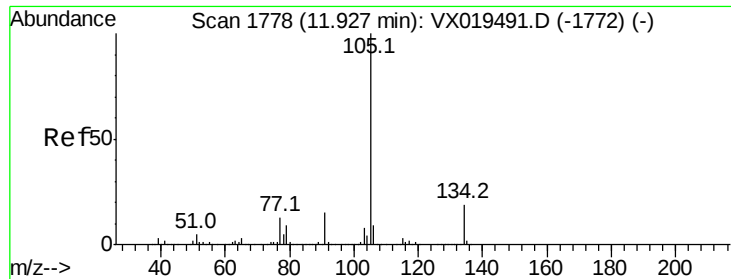
Tot Ion:119 Resp: 233889
Ion Ratio Lower Upper
119 100
91 57.8 28.9 86.8
134 23.4 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 19.863 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion:105 Resp: 245949
Ion Ratio Lower Upper
105 100
120 44.1 22.2 66.6

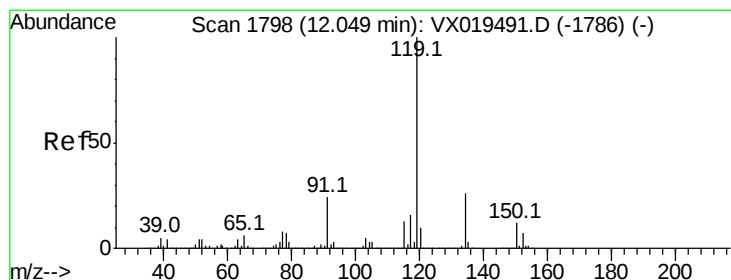
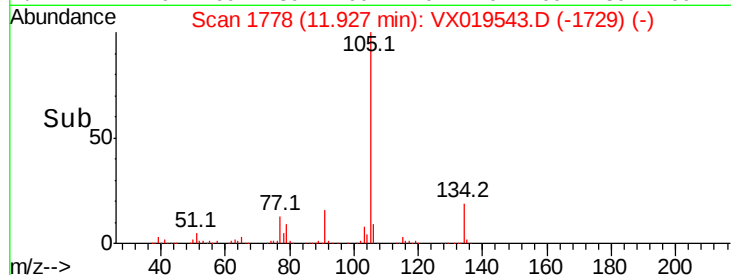
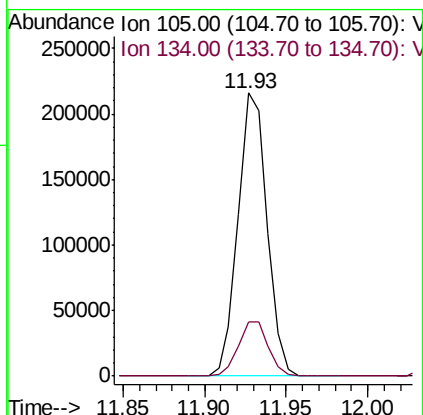
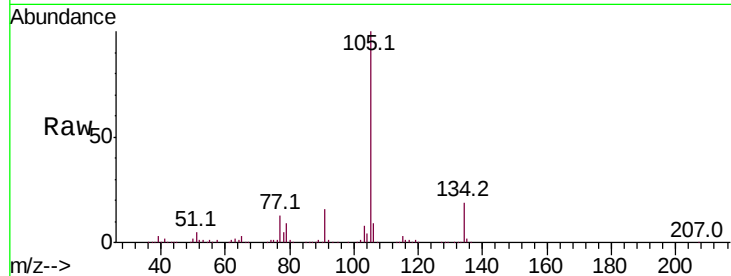




#85
 sec-Butylbenzene
 Concen: 19.031 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

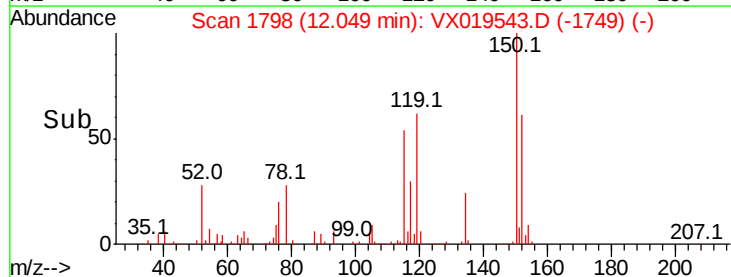
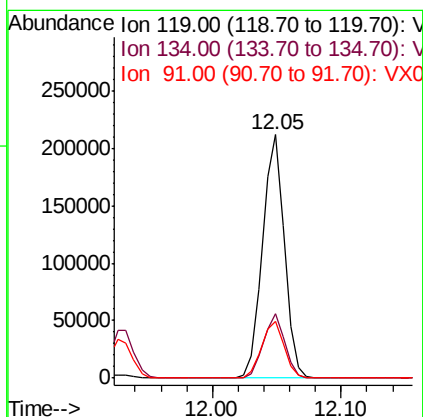
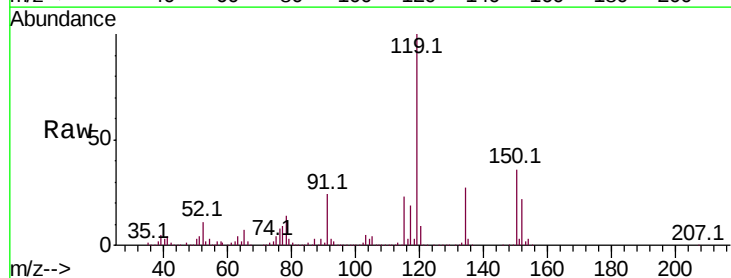
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

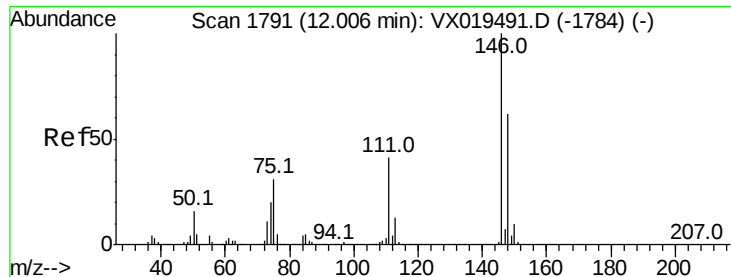
Tot Ion:105 Resp: 268050
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.346 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion:119 Resp: 247396
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 24.1 11.8 35.4

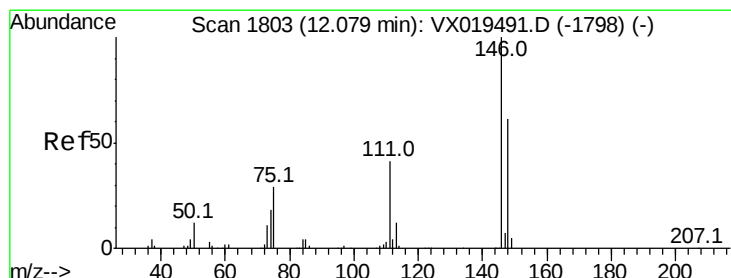
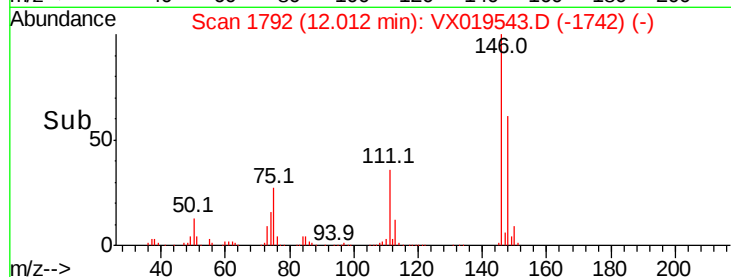
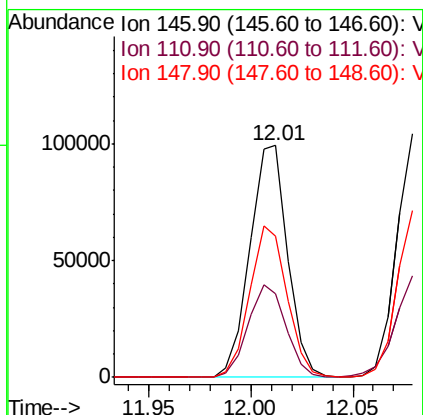
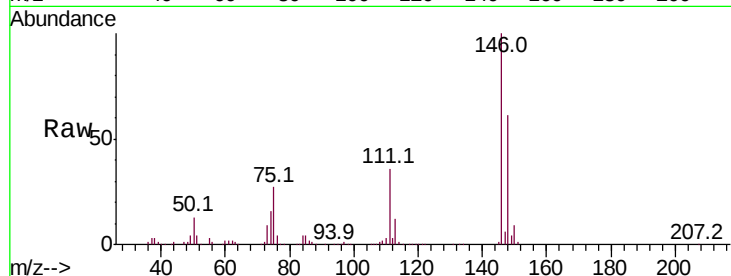




#87
 1,3-Dichlorobenzene
 Concen: 18.699 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

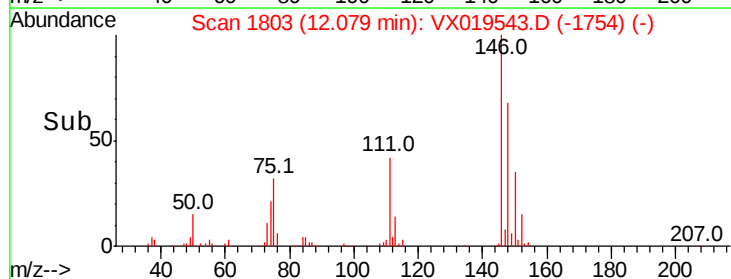
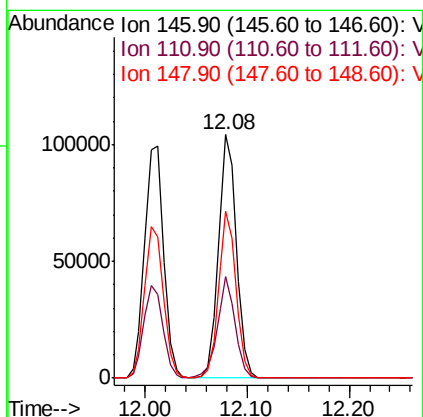
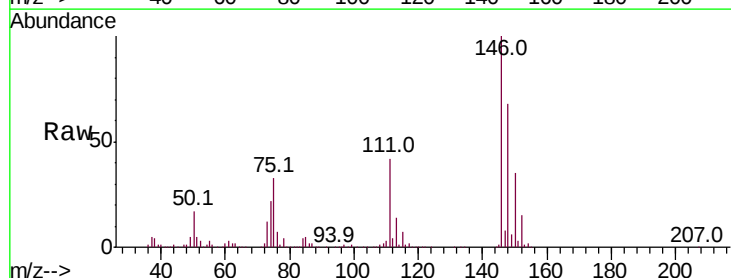
Instrument :
 MSVOA_X
 ClientSampled :
 VX1123WBS01

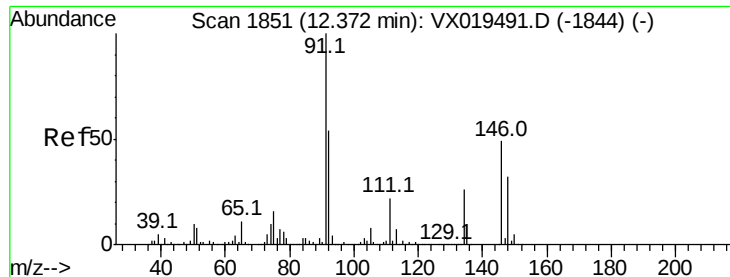
Tot Ion:146 Resp: 127894
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.2 60.6
 148 64.6 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 18.401 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion:146 Resp: 129636
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.9 59.6
 148 66.3 31.7 95.1

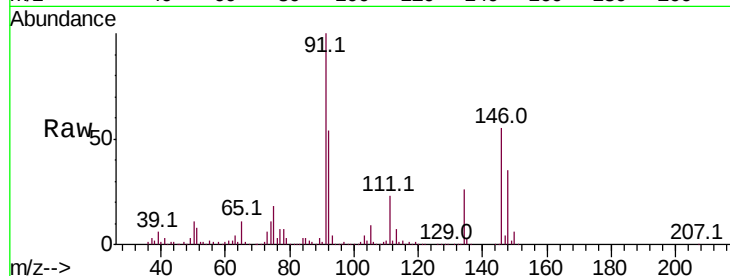




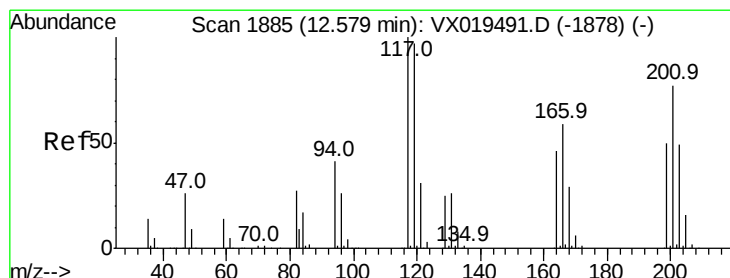
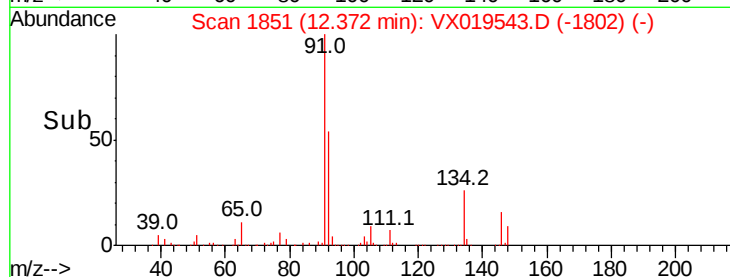
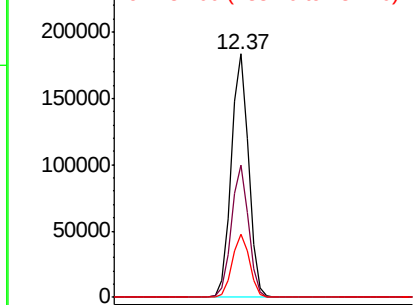
#89
n-Butylbenzene
Concen: 18.186 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS01

Tot Ion: 91 Resp: 210257
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.6
134 26.0 12.9 38.6

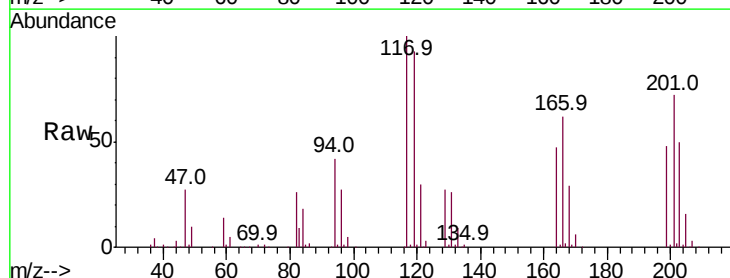


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

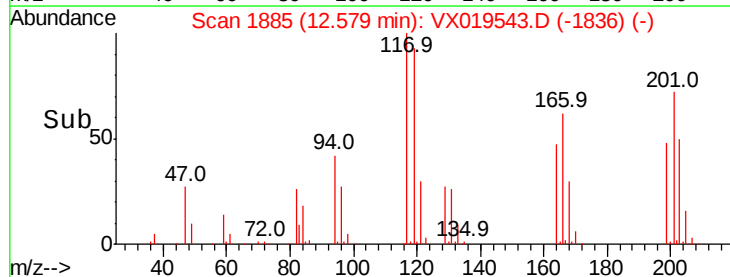
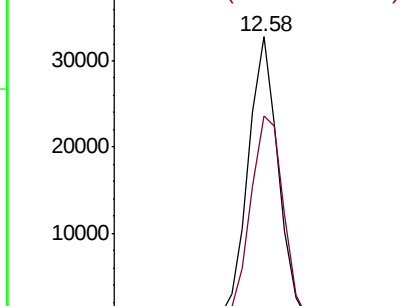


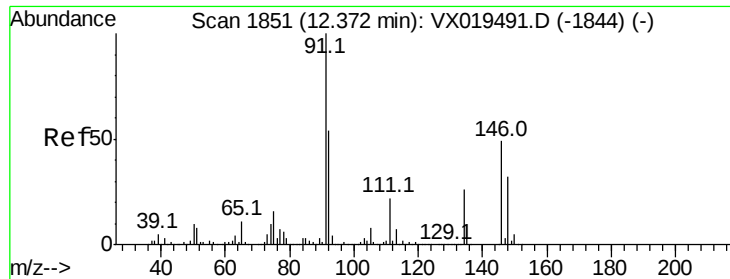
#90
Hexachloroethane
Concen: 18.312 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019543.D
Acq: 23 Nov 2020 12:16

Tgt Ion: 117 Resp: 39186
Ion Ratio Lower Upper
117 100
201 79.2 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

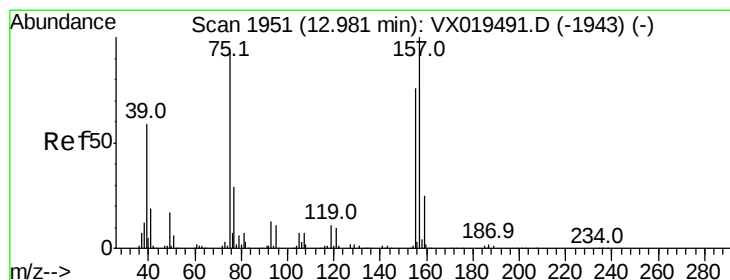
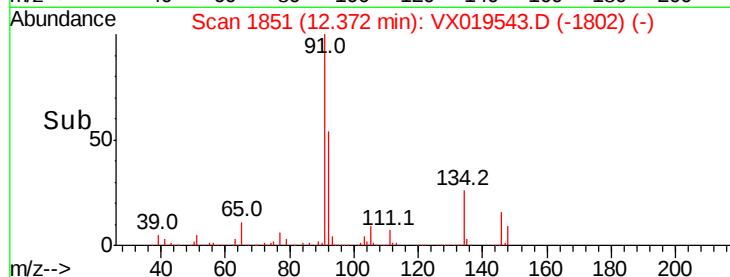
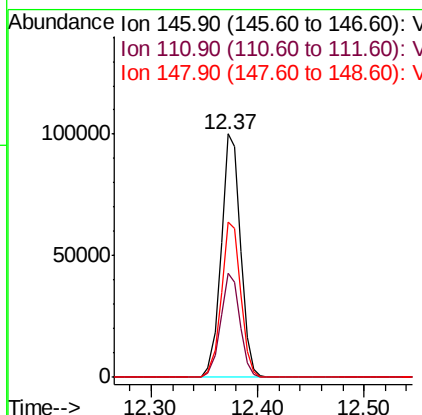
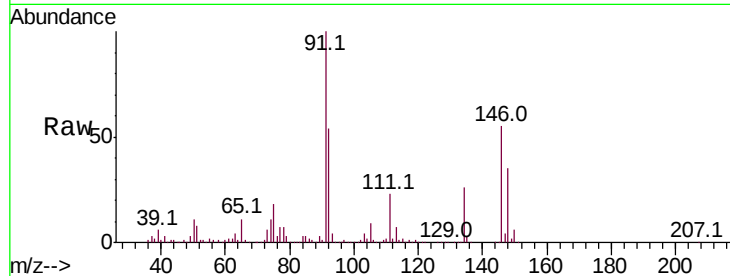




#91
 1,2-Dichlorobenzene
 Concen: 18.503 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

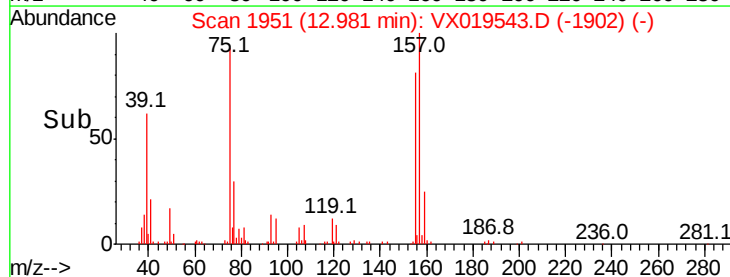
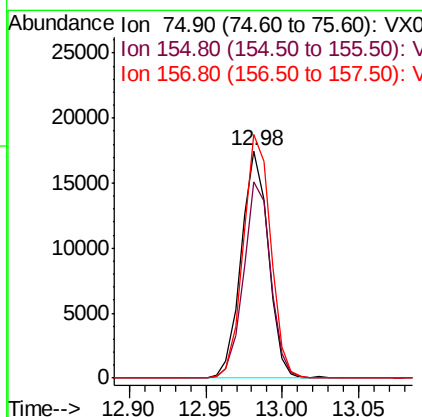
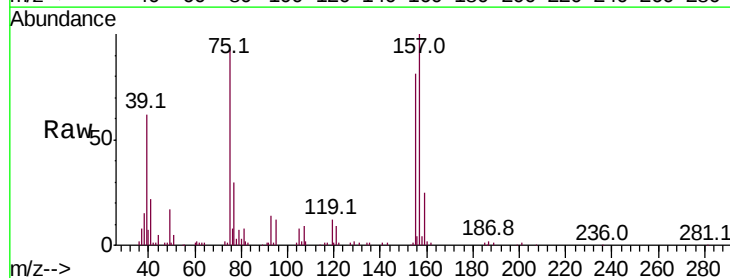
Instrument :
 MSVOA_X
 ClientSampled :
 VX1123WBS01

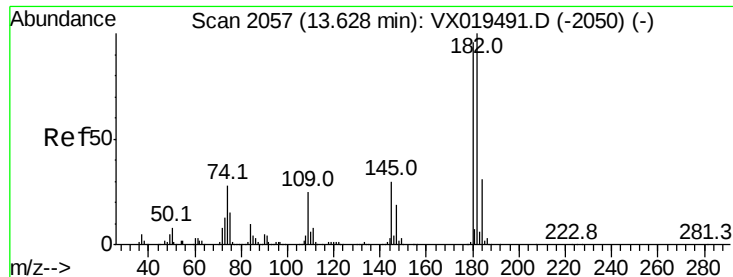
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.3
148	63.7	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.210 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	43.6	130.9
157	107.6	57.0	170.8

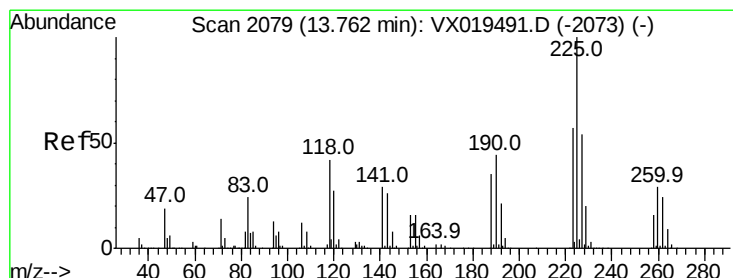
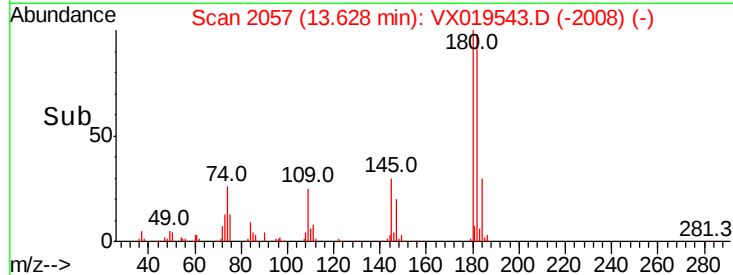
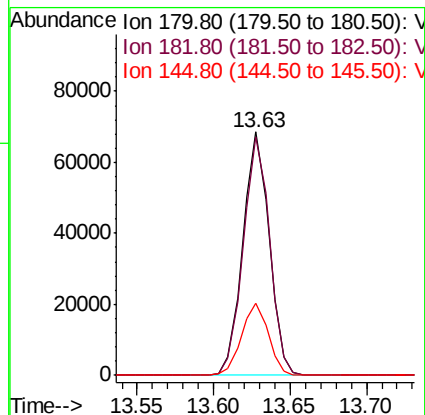
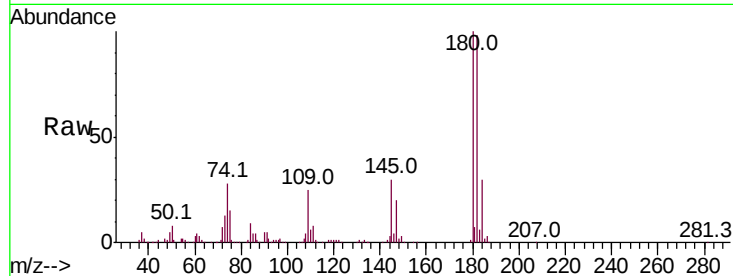




#93
 1,2,4-Trichlorobenzene
 Concen: 18.559 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

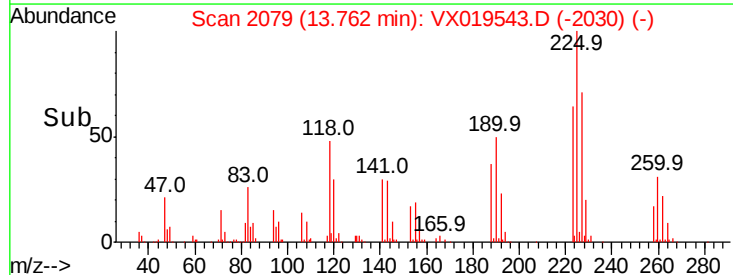
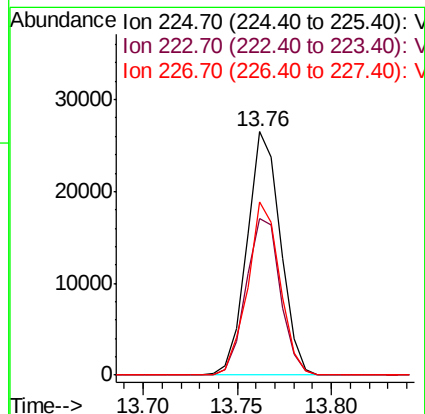
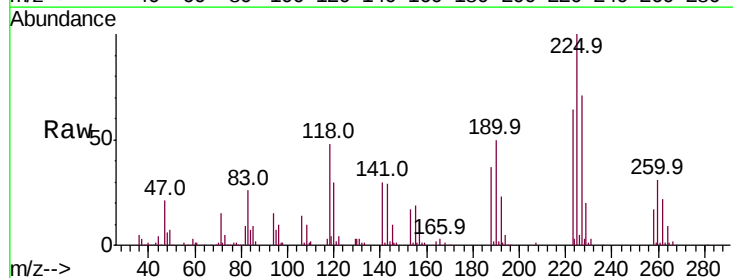
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

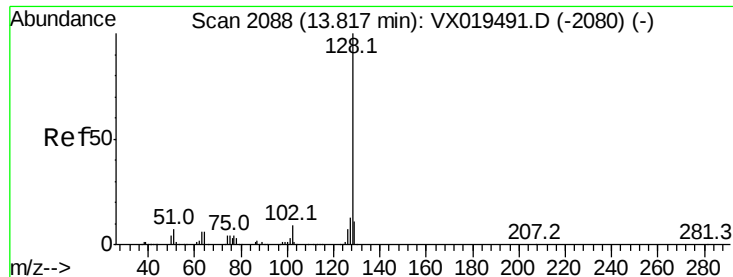
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.2	48.6	145.9
145	30.2	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 16.238 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019543.D
 Acq: 23 Nov 2020 12:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	32.5	97.5
227	68.5	32.8	98.3





#95

Naphthalene

Concen: 19.407 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS01

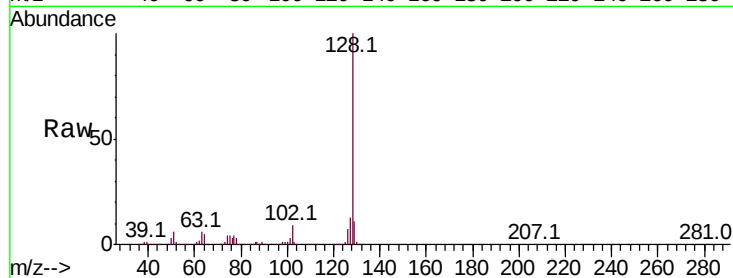
Tot Ion:128 Resp: 280202

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

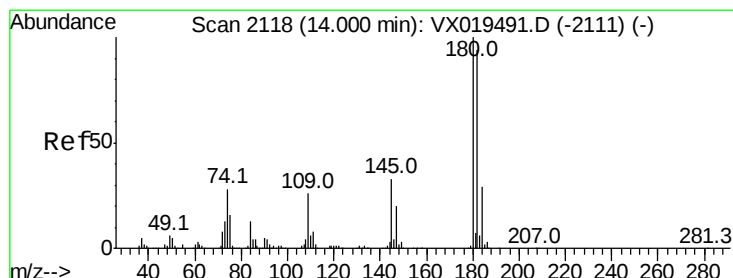
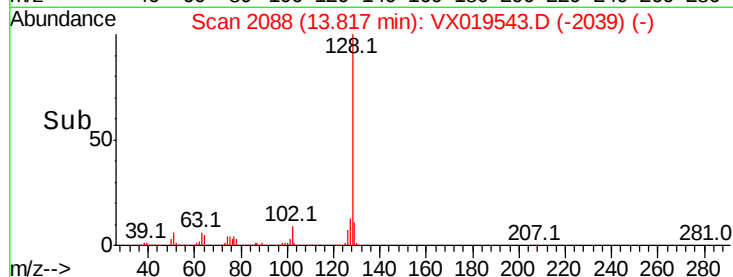
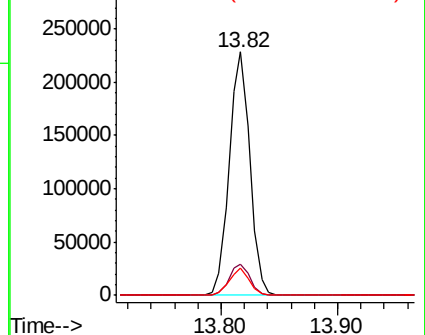
129 10.7 8.7 13.1



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: 18.098 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019543.D

Acq: 23 Nov 2020 12:16

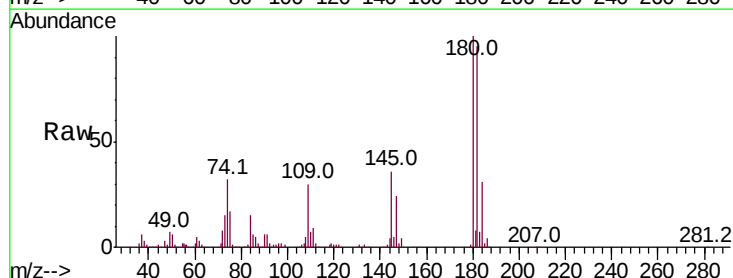
Tgt Ion:180 Resp: 79837

Ion Ratio Lower Upper

180 100

182 95.8 48.1 144.3

145 33.6 16.6 49.8



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

