

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018943.D
 Acq On : 15 Oct 2020 19:29
 Operator : JC/SP
 Sample : VX1015WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Quant Time: Oct 16 01:44:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 15:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	48017	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	267130	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	245646	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	92379	30.16	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.53%
60) 4-Bromofluorobenzene	11.12	95	114187	29.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.53%
63) Toluene-d8	8.70	98	319149	29.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	39745	17.458	ug/l 99
3) Chloromethane	1.31	50	47492	18.445	ug/l 99
4) Vinyl Chloride	1.39	62	58200	18.419	ug/l 100
5) Bromomethane	1.63	94	47421	25.343	ug/l 98
6) Chloroethane	1.72	64	40515	18.590	ug/l 99
7) Trichlorofluoromethane	1.92	101	92001	18.495	ug/l 99
8) Diethyl Ether	2.17	74	36553	18.667	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44297	16.016	ug/l 99
10) 1,1-Dichloroethene	2.36	96	48490	16.869	ug/l 97
11) Methyl Iodide	2.49	142	54152	15.866	ug/l 98
12) Methyl Acetate	2.75	43	52784	18.725	ug/l 98
13) Acrolein	2.27	56	46017	85.371	ug/l 96
14) Acrylonitrile	3.12	53	122911	93.722	ug/l 98
15) Acetone	2.42	58	37612	85.207	ug/l 99
16) Carbon Disulfide	2.55	76	126938	18.006	ug/l 99
17) Allyl chloride	2.71	41	65808	17.642	ug/l 97
18) Methylene Chloride	2.84	84	53444	18.449	ug/l 96
19) trans-1,2-Dichloroethene	3.14	96	51477	17.781	ug/l 98
20) Diisopropyl ether	3.82	45	126244	18.239	ug/l 96
21) 1,1-Dichloroethane	3.67	63	85818	18.139	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	59658	18.200	ug/l 97
23) tert-Butyl Alcohol	3.01	59	73108	100.129	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	144991	18.266	ug/l 98
25) Chloroform	5.18	83	93227	18.564	ug/l 97
26) Cyclohexane	5.55	56	66950	17.579	ug/l # 96
29) 1,1-Dichloropropene	5.77	75	67300	17.377	ug/l 99
30) 2-Butanone	4.64	43	182261	94.435	ug/l 99
31) 2,2-Dichloropropane	4.55	77	76553	16.779	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	85487	18.186	ug/l 99
33) Carbon Tetrachloride	5.75	117	76632	17.788	ug/l 98
34) Benzene	6.12	78	210004	18.296	ug/l 100
35) Methacrylonitrile	5.01	41	37273	18.661	ug/l 96
36) 1,2-Dichloroethane	6.17	62	70214	18.609	ug/l 100
37) Trichloroethene	7.19	130	60749	18.035	ug/l 99
38) Methylcyclohexane	7.44	83	76156	17.247	ug/l 98
39) 1,2-Dichloropropane	7.49	63	51695	18.414	ug/l 94
40) Dibromomethane	7.64	93	37798	18.330	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 15:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	77705	18.512	ug/l	99
42) Vinyl Acetate	3.79	43	623425	90.181	ug/l	99
43) Ethyl Acetate	4.80	43	70903	17.750	ug/l	97
44) Isopropyl Acetate	6.41	43	117057	18.249	ug/l	# 100
45) 1,4-Dioxane	7.71	88	27297	398.749	ug/l	98
46) Methyl methacrylate	7.74	41	54577	18.301	ug/l	97
47) n-amyl Acetate	10.88	43	100698	18.795	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	86941	18.139	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	91504	17.954	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	56361	19.047	ug/l	99
51) Ethyl methacrylate	9.16	69	87080	18.698	ug/l	99
52) 1,3-Dichloropropane	9.35	76	92351	18.914	ug/l	99
53) Dibromochloromethane	9.57	129	67464	19.168	ug/l	100
54) 1,2-Dibromoethane	9.65	107	61534	18.918	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	229631	93.469	ug/l	99
56) Bromoform	10.84	173	51332	18.893	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	359526	91.718	ug/l	100
59) 2-Hexanone	9.47	43	277713	92.527	ug/l	99
61) Tetrachloroethene	9.32	164	52715	17.452	ug/l	99
62) Toluene	8.76	91	235620	17.901	ug/l	99
64) Chlorobenzene	10.12	112	153813	18.371	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	60113	18.498	ug/l	99
66) Ethyl Benzene	10.23	91	266700	18.283	ug/l	100
67) m/p-Xylenes	10.34	106	205513	35.959	ug/l	100
68) o-Xylene	10.68	106	100704	18.632	ug/l	99
69) Styrene	10.70	104	169304	18.222	ug/l	99
70) Isopropylbenzene	11.00	105	262995	18.314	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	81809	18.289	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	100885	24.139	ug/l	87
73) Bromobenzene	11.24	156	67723	18.315	ug/l	99
74) n-propylbenzene	11.34	91	292810	17.900	ug/l	100
75) 2-Chlorotoluene	11.40	91	171507	18.138	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	216877	18.034	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	31937	17.650	ug/l	98
78) 4-Chlorotoluene	11.49	91	197385	17.729	ug/l	100
79) tert-butylbenzene	11.76	119	223361	18.337	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	213256	17.797	ug/l	98
81) sec-Butylbenzene	11.93	105	252461	18.074	ug/l	99
82) p-Isopropyltoluene	12.05	119	229629	17.636	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	115358	17.536	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	113940	17.182	ug/l	99
85) n-Butylbenzene	12.37	91	194564	16.699	ug/l	100
86) Hexachloroethane	12.58	117	40024	18.119	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	113167	17.772	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	19892	18.369	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	78055	16.786	ug/l	99
90) Hexachlorobutadiene	13.76	225	33127	17.054	ug/l	97
91) Naphthalene	13.82	128	267112	17.614	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	78379	17.286	ug/l	100

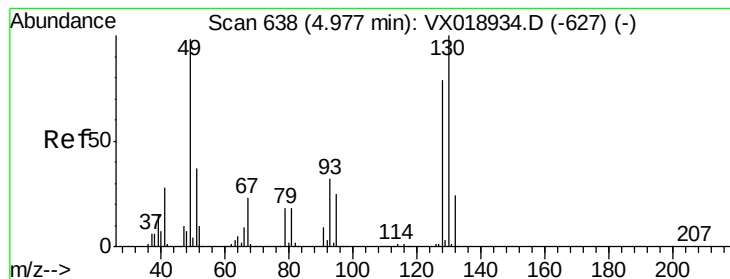
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

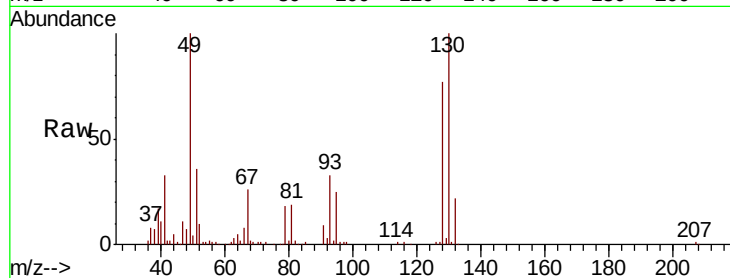
Tot Ion:128 Resp: 48017

Ion Ratio Lower Upper

128 100

49 129.4 0.0 330.5

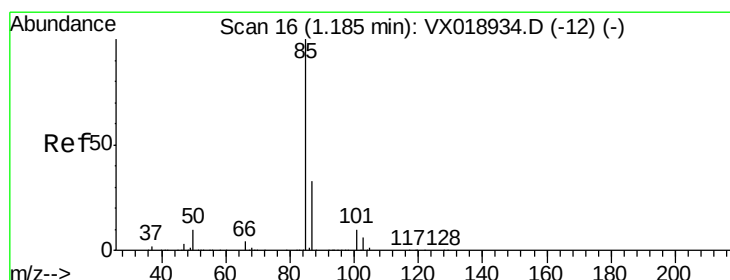
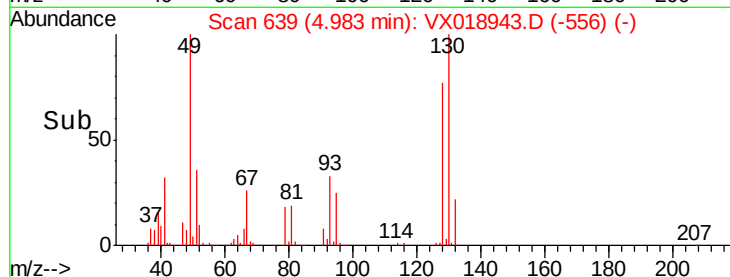
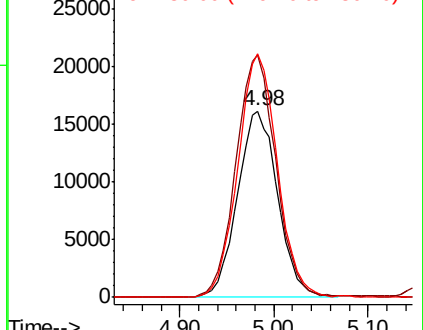
130 128.2 0.0 323.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.458 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018943.D

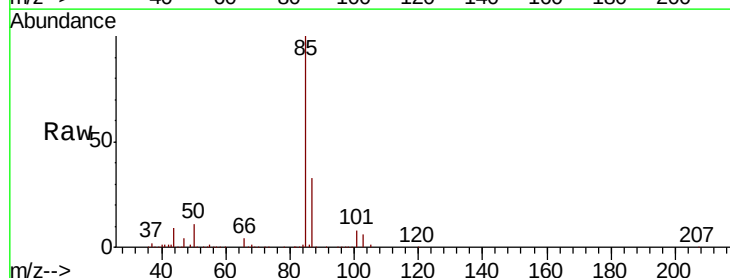
Acq: 15 Oct 2020 19:29

Tgt Ion: 85 Resp: 39745

Ion Ratio Lower Upper

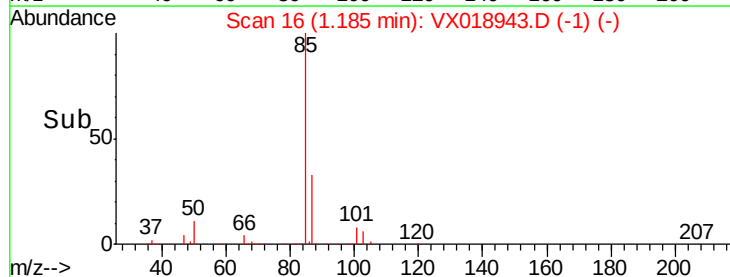
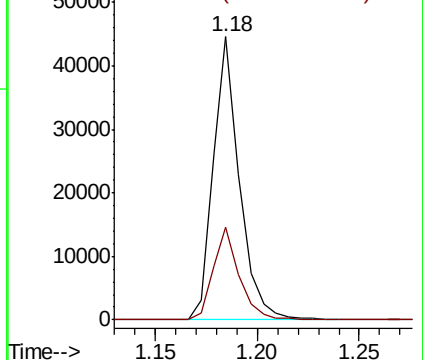
85 100

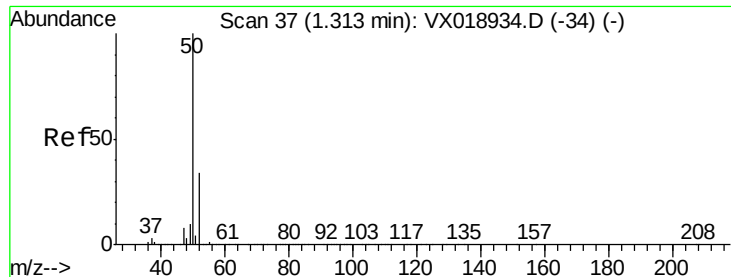
87 33.1 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.445 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

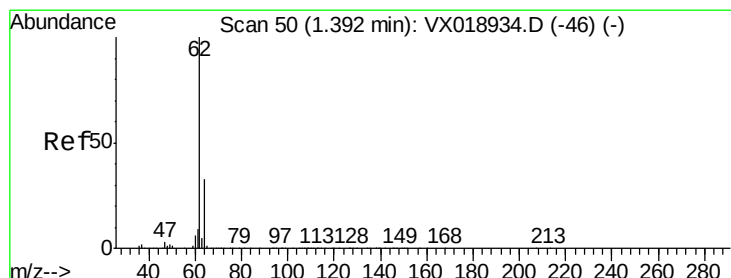
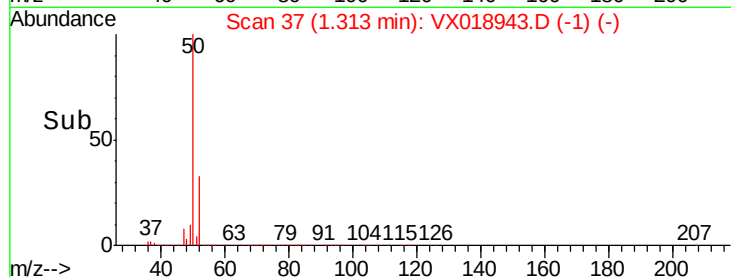
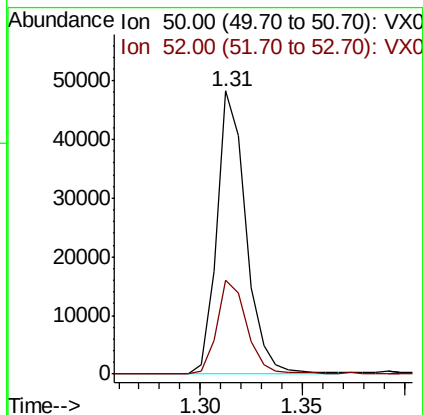
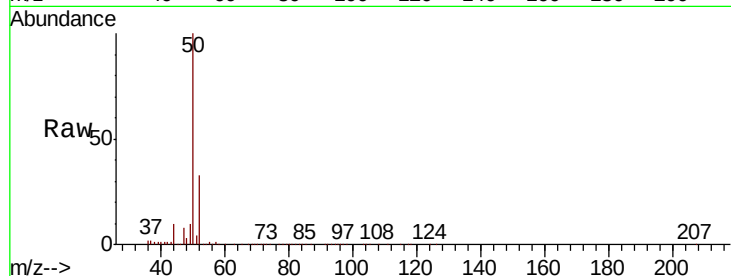
VX1015WBSD01

Tot Ion: 50 Resp: 47492

Ion Ratio Lower Upper

50 100

52 33.2 27.0 40.4



#4

Vinyl Chloride

Concen: 18.419 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018943.D

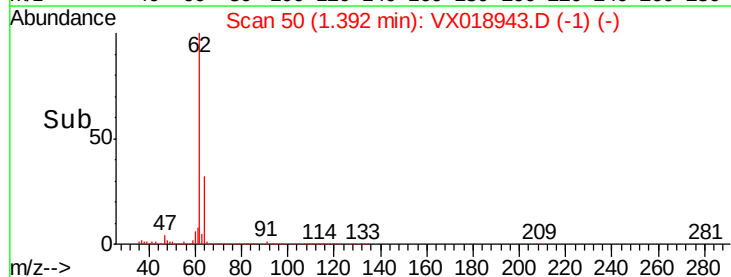
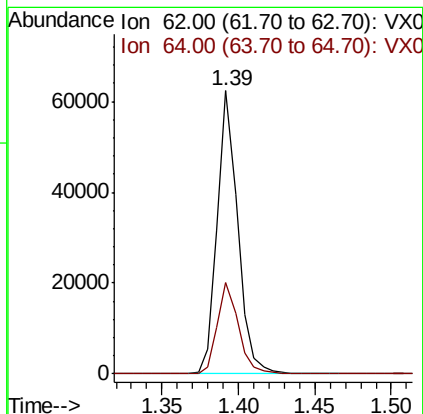
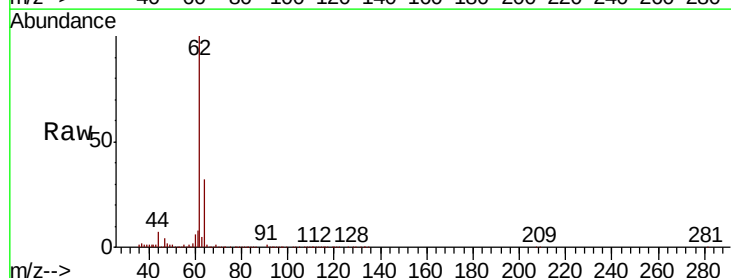
Acq: 15 Oct 2020 19:29

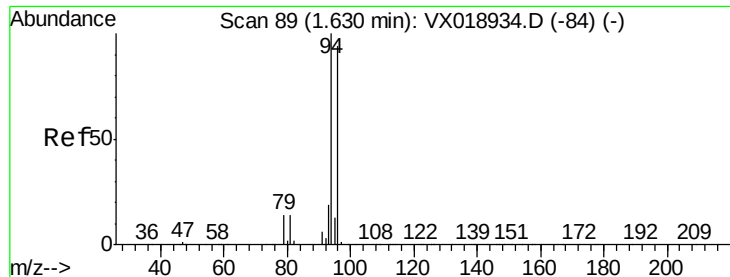
Tgt Ion: 62 Resp: 58200

Ion Ratio Lower Upper

62 100

64 32.3 26.1 39.1





#5

Bromomethane

Concen: 25.343 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

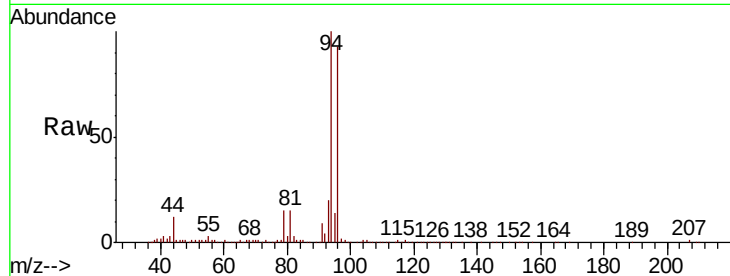
VX1015WBSD01

Tot Ion: 94 Resp: 47421

Ion Ratio Lower Upper

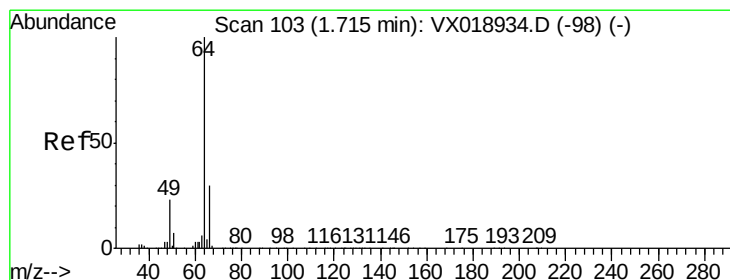
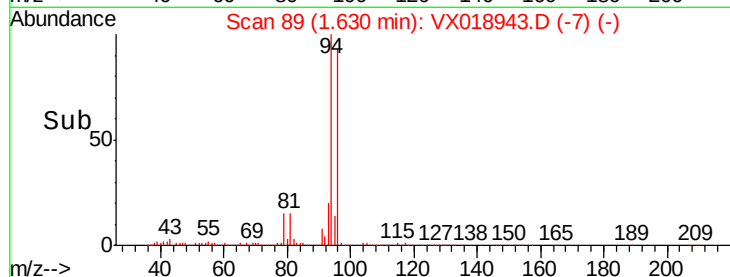
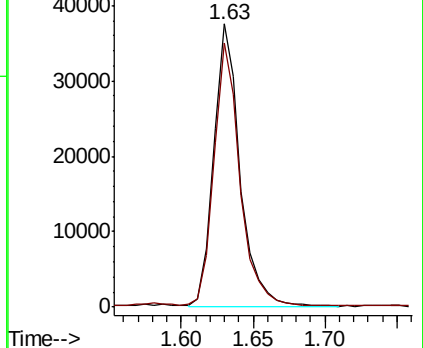
94 100

96 93.2 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.590 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018943.D

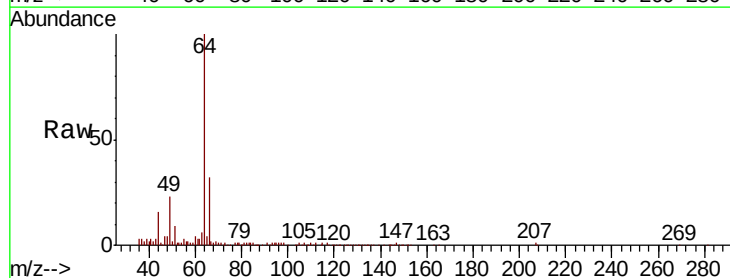
Acq: 15 Oct 2020 19:29

Tgt Ion: 64 Resp: 40515

Ion Ratio Lower Upper

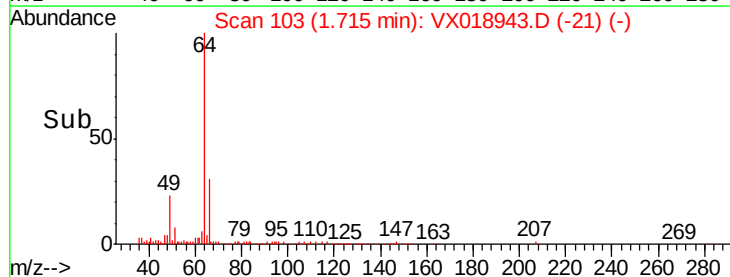
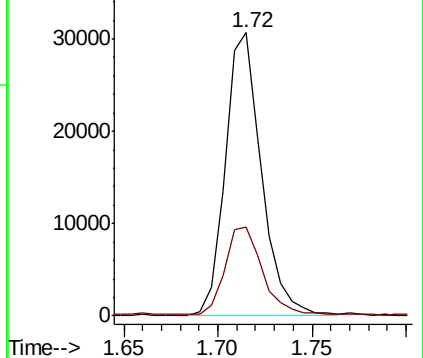
64 100

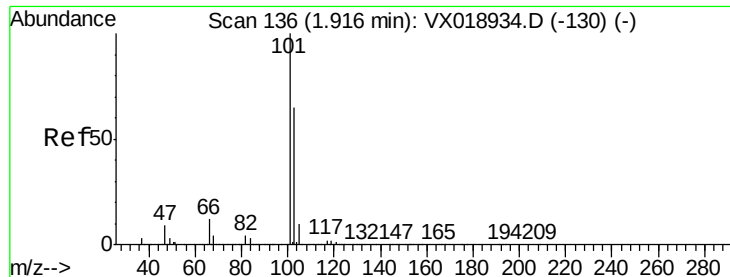
66 31.1 24.5 36.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



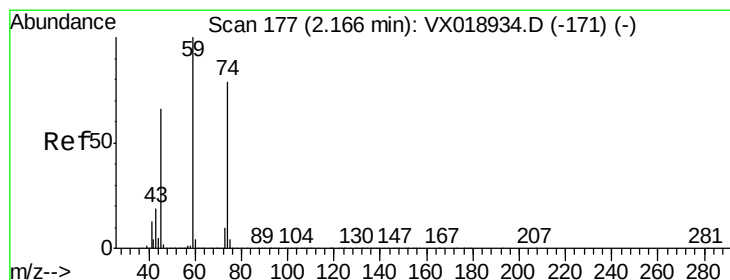
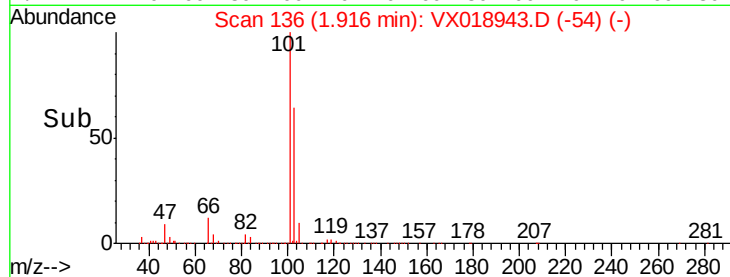
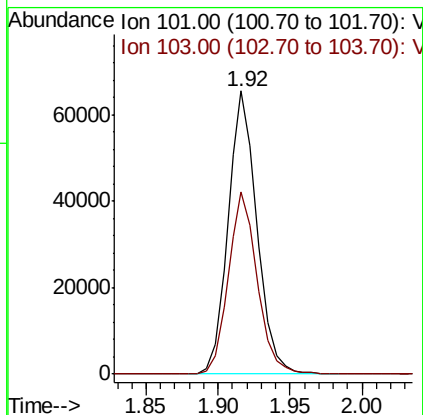
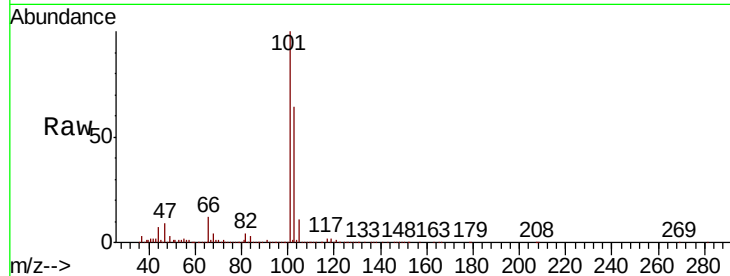


#7

Trichlorofluoromethane
Concen: 18.495 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

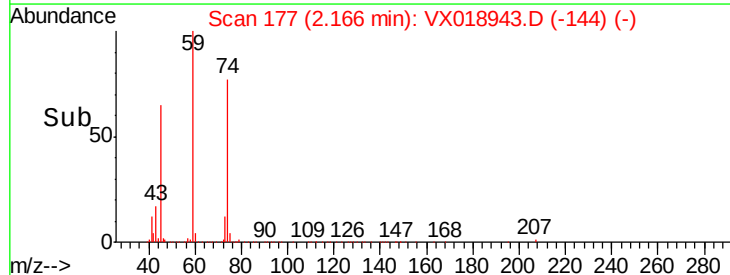
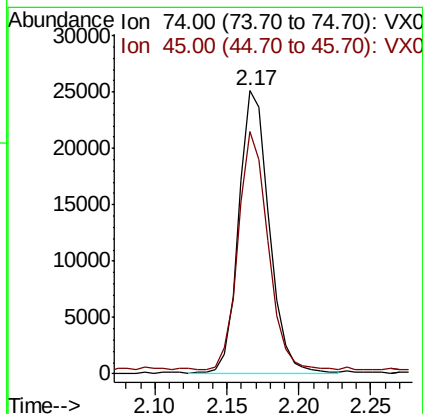
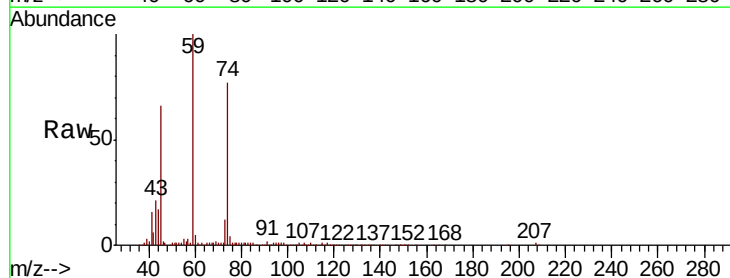
Tot Ion:101 Resp: 92001
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.6

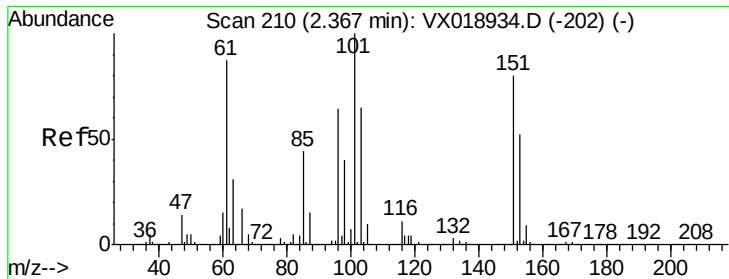


#8

Diethyl Ether
Concen: 18.667 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion: 74 Resp: 36553
Ion Ratio Lower Upper
74 100
45 83.0 16.6 149.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.016 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

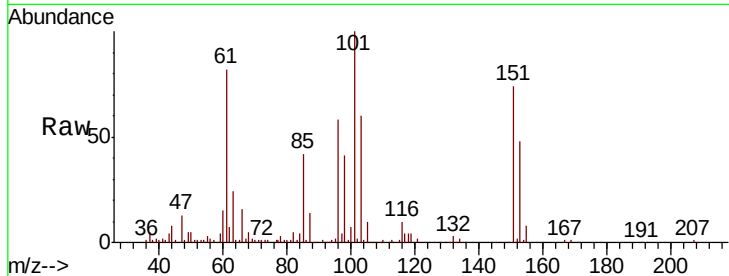
Tot Ion:101 Resp: 44297

Ion Ratio Lower Upper

101 100

85 41.6 0.0 85.4

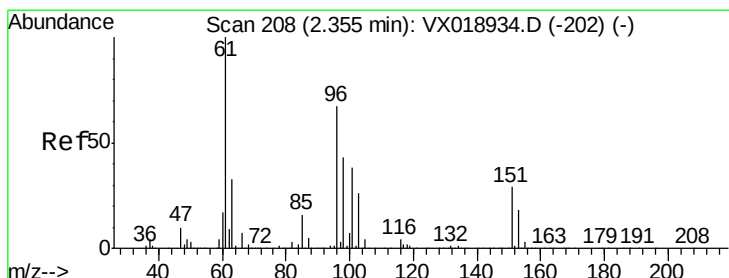
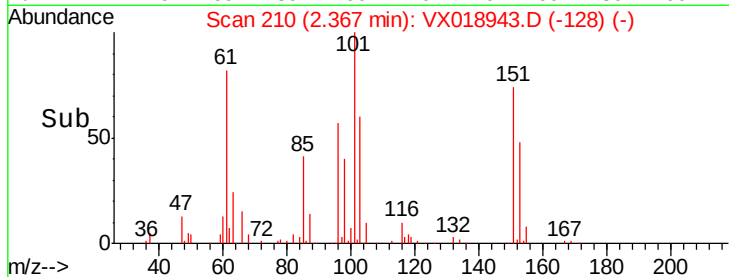
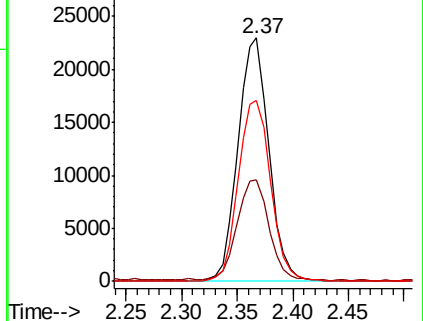
151 77.8 0.0 157.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 16.869 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

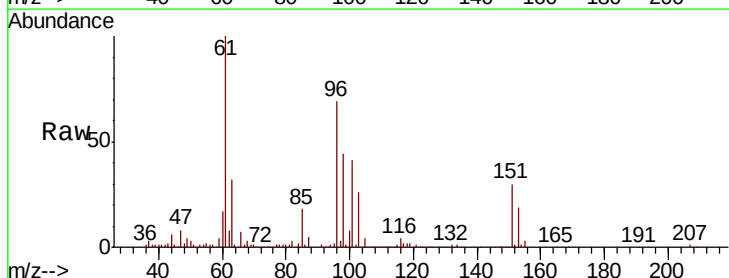
Tgt Ion: 96 Resp: 48490

Ion Ratio Lower Upper

96 100

61 145.7 120.2 180.4

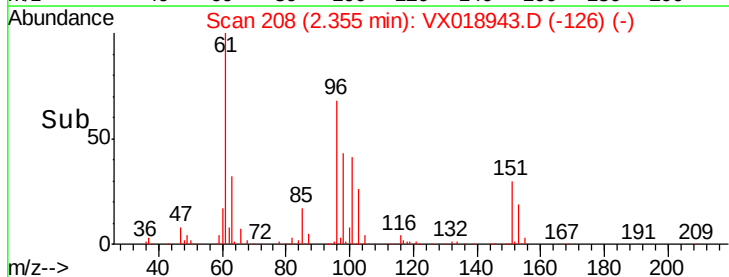
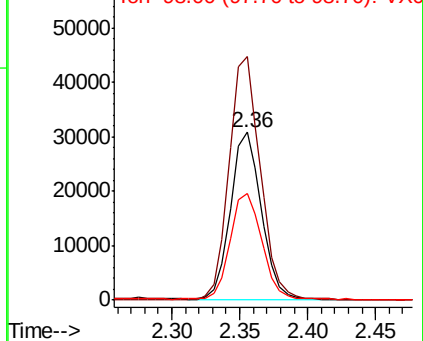
98 63.3 51.4 77.0

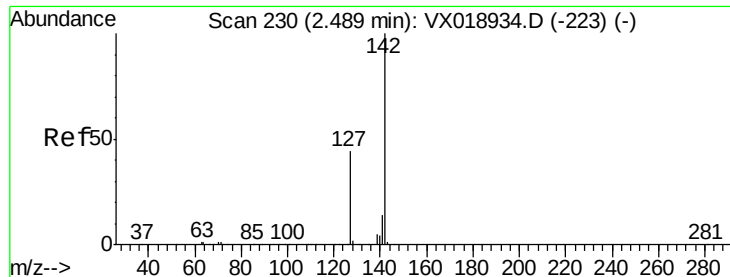


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

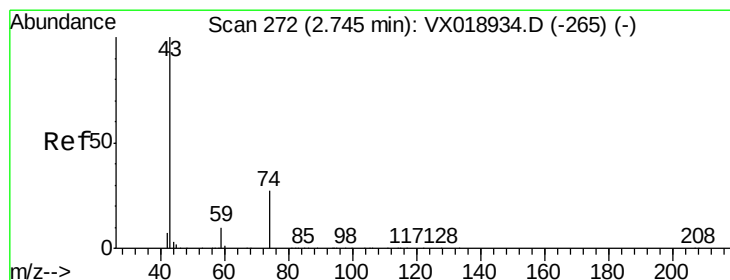
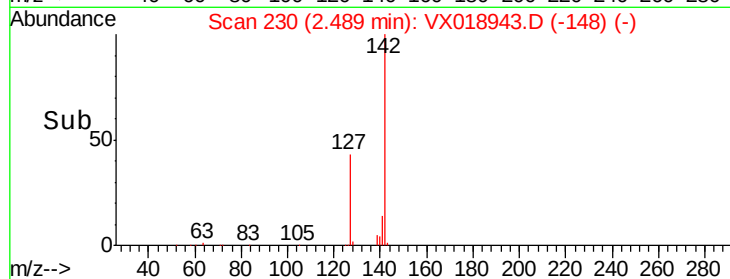
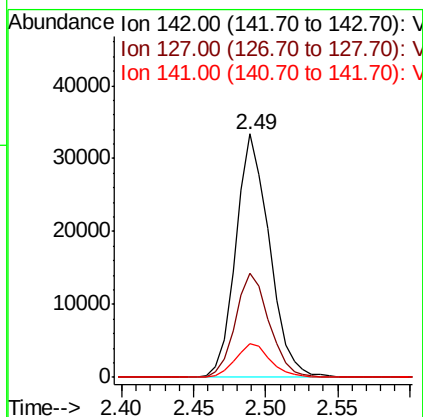
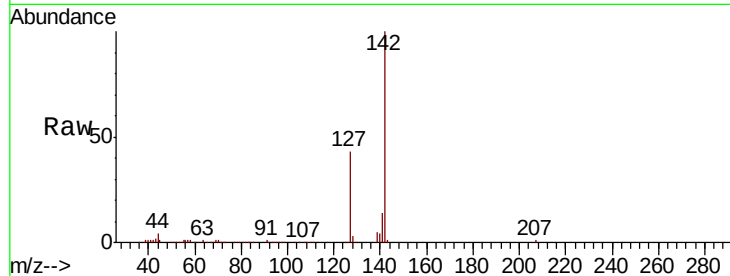




#11
Methyl Iodide
Concen: 15.866 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

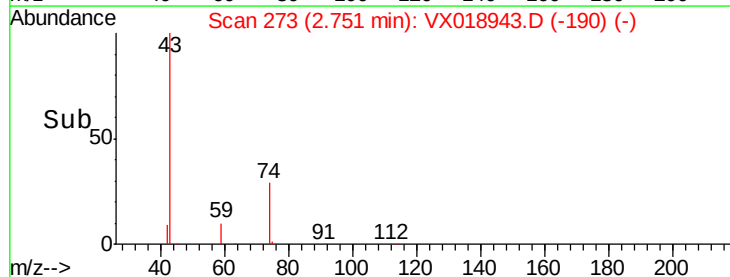
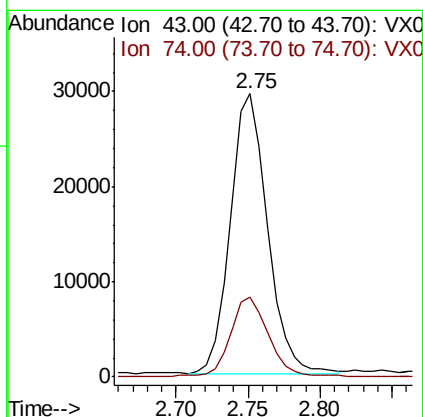
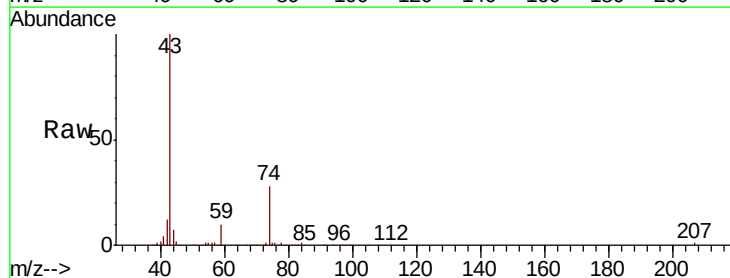
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

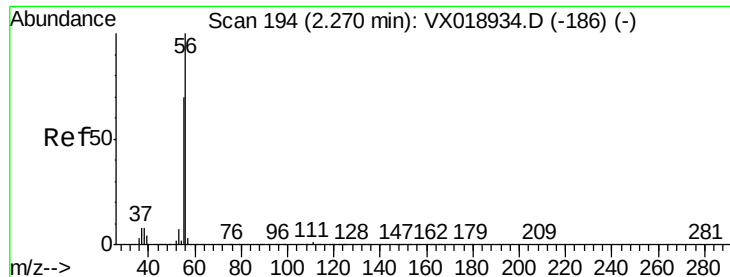
Tot Ion:142 Resp: 54152
Ion Ratio Lower Upper
142 100
127 42.9 22.1 66.1
141 13.9 7.0 21.1



#12
Methyl Acetate
Concen: 18.725 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion: 43 Resp: 52784
Ion Ratio Lower Upper
43 100
74 28.1 21.6 32.4





#13

Acrolein

Concen: 85.371 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

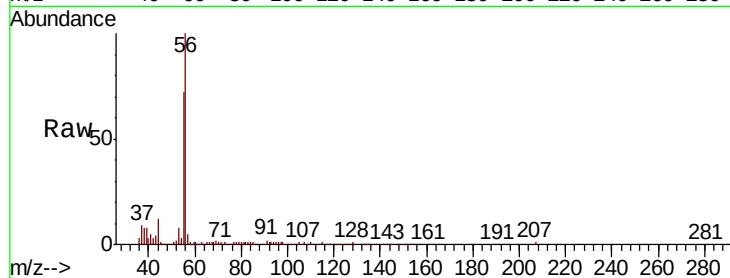
VX1015WBSD01

Tot Ion: 56 Resp: 46017

Ion Ratio Lower Upper

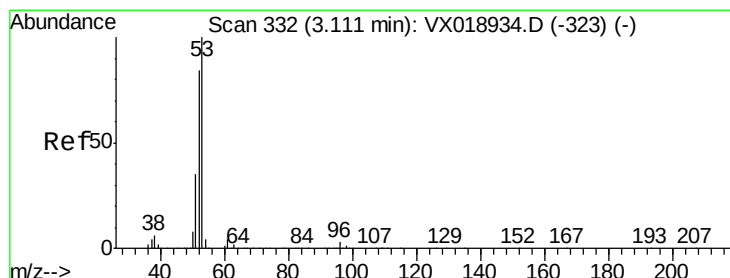
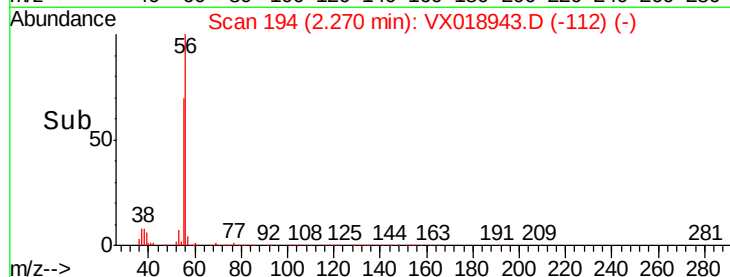
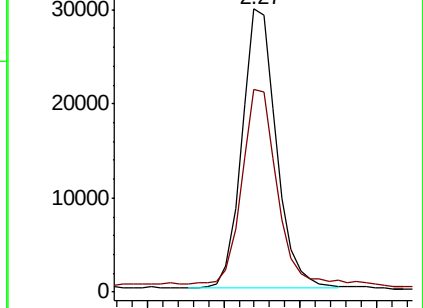
56 100

55 68.4 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 93.722 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

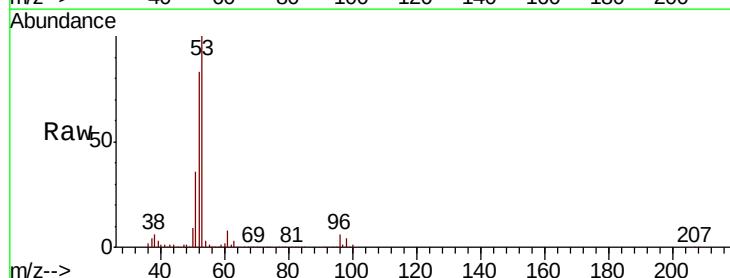
Tgt Ion: 53 Resp: 122911

Ion Ratio Lower Upper

53 100

52 82.9 40.3 120.8

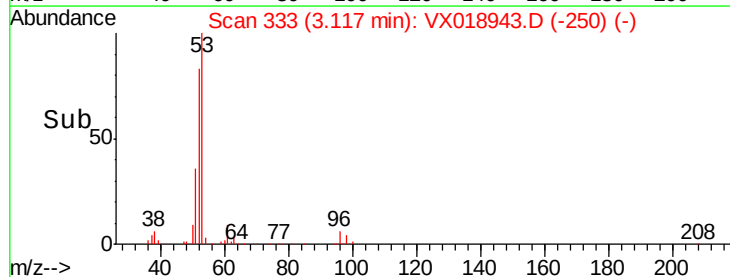
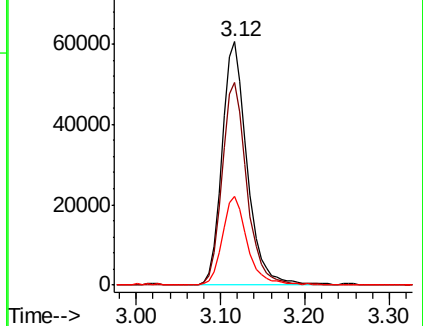
51 36.1 17.6 52.8

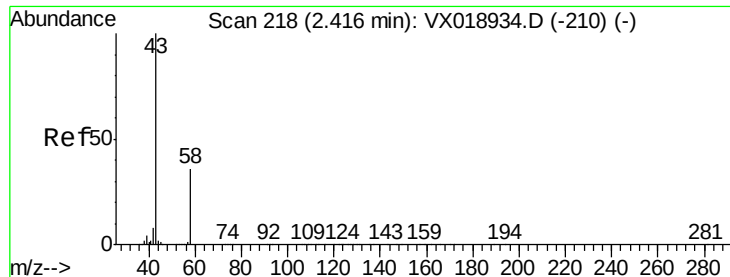


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 85.207 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

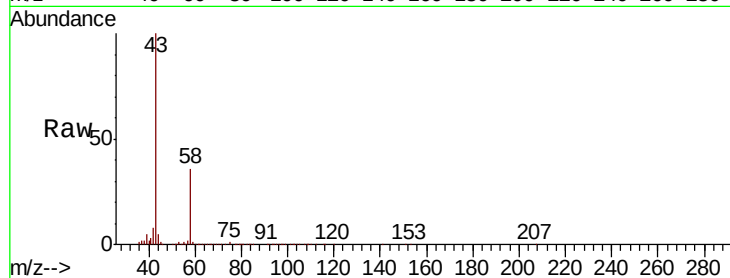
VX1015WBSD01

Tot Ion: 58 Resp: 37612

Ion Ratio Lower Upper

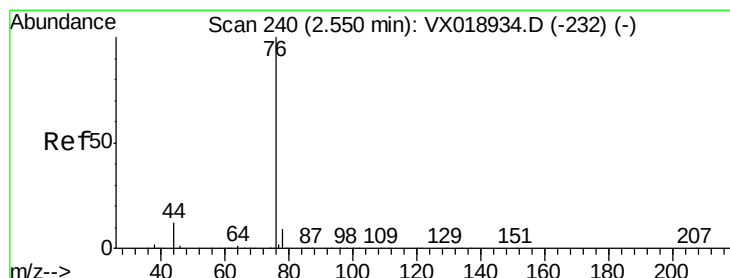
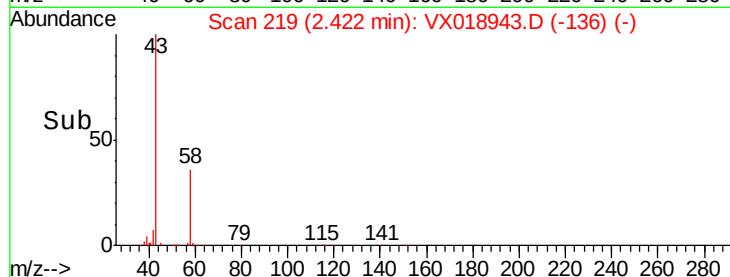
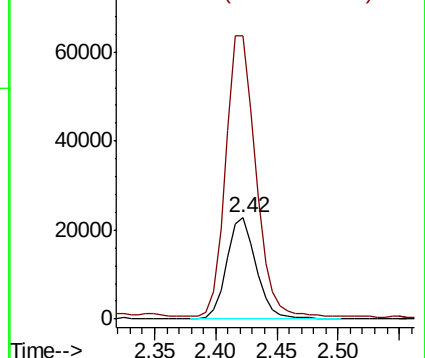
58 100

43 278.3 223.8 335.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.006 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018943.D

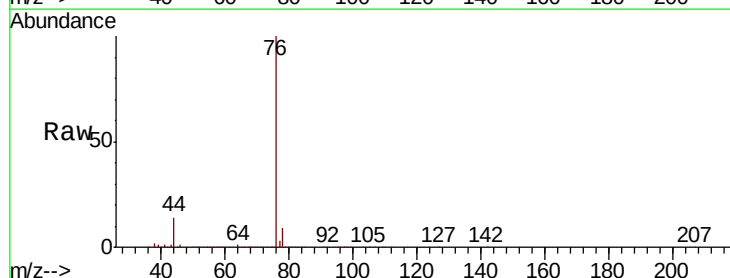
Acq: 15 Oct 2020 19:29

Tgt Ion: 76 Resp: 126938

Ion Ratio Lower Upper

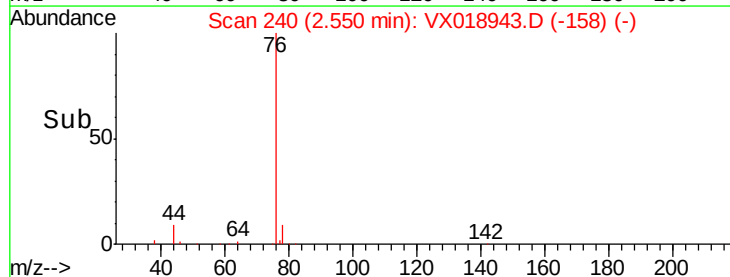
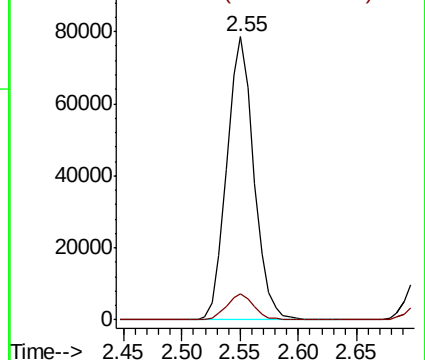
76 100

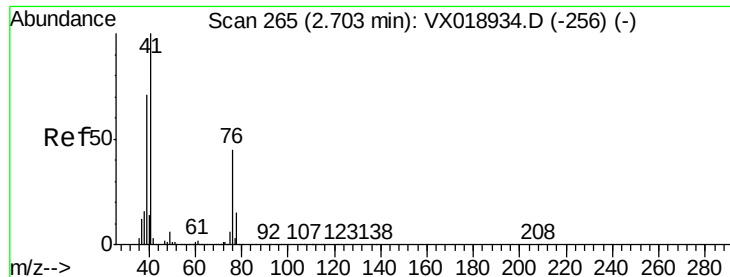
78 8.9 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

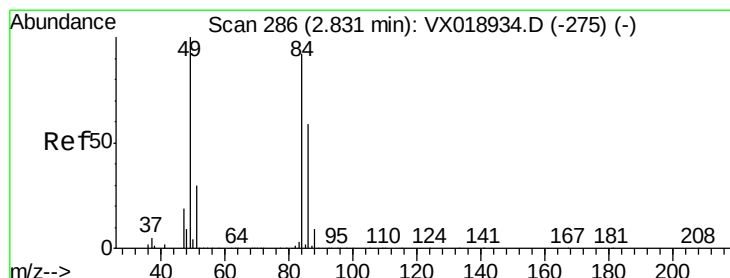
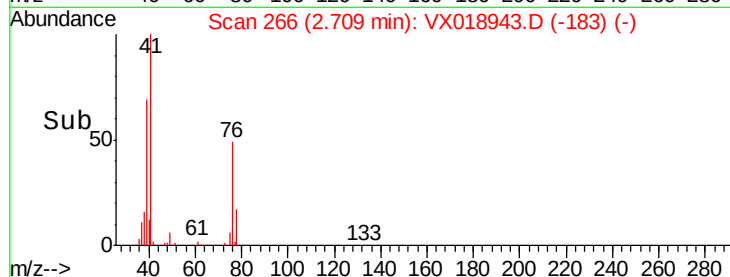
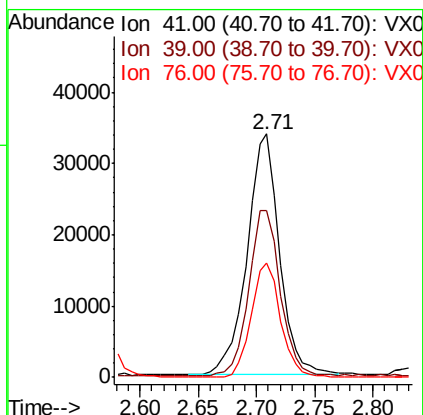
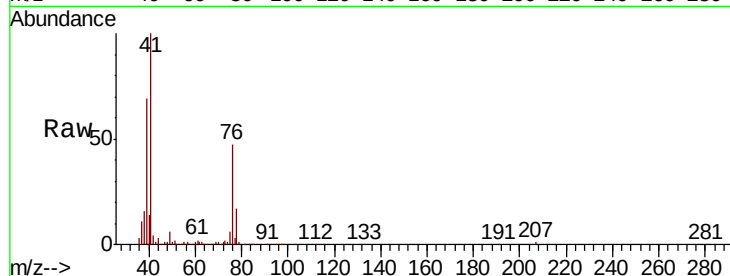




#17
Allvl chloride
Concen: 17.642 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

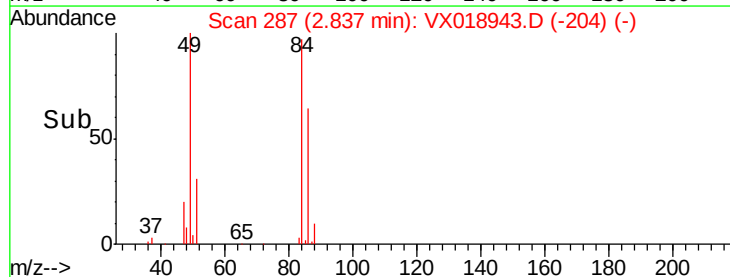
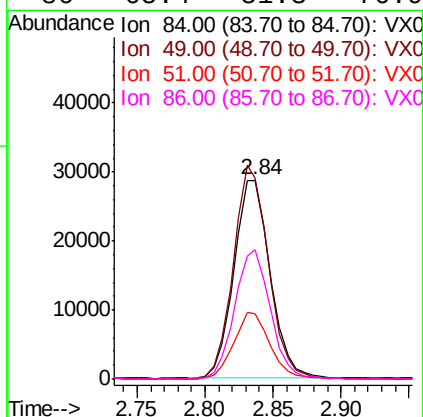
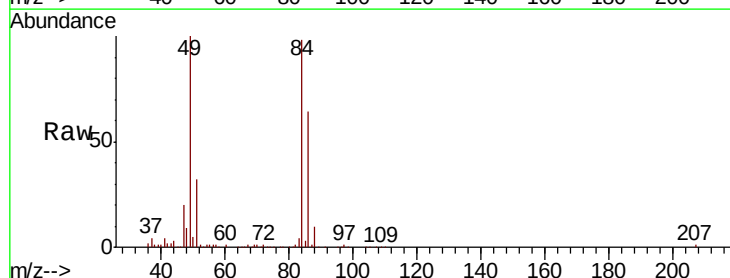
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

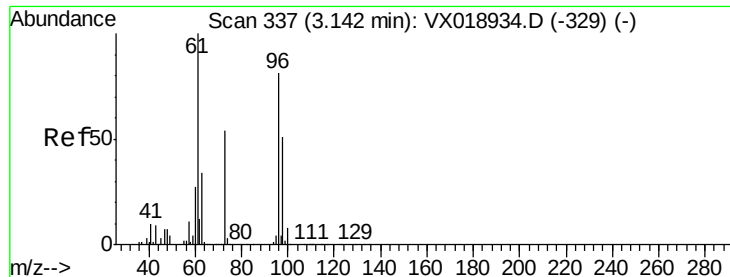
Tot Ion: 41 Resp: 65808
Ion Ratio Lower Upper
41 100
39 68.7 35.4 106.3
76 47.4 22.4 67.2



#18
Methylene Chloride
Concen: 18.449 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion: 84 Resp: 53444
Ion Ratio Lower Upper
84 100
49 101.9 87.2 130.8
51 32.4 25.9 38.9
86 65.4 51.3 76.9





#19

trans-1,2-Dichloroethene

Concen: 17.781 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

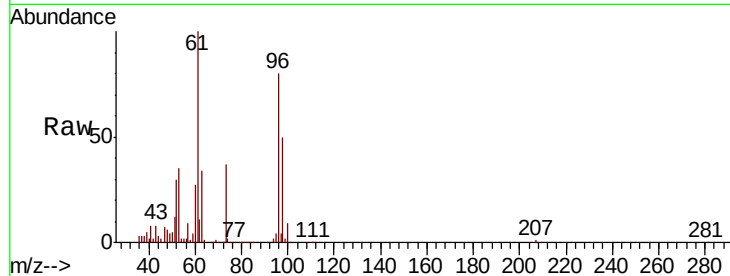
Tot Ion: 96 Resp: 51477

Ion Ratio Lower Upper

96 100

61 125.2 98.6 147.8

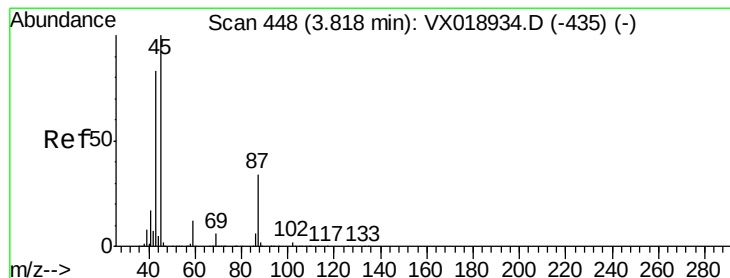
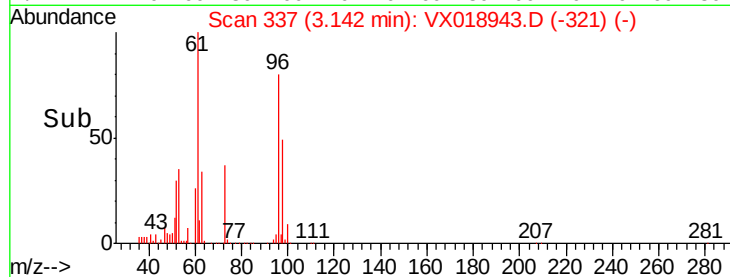
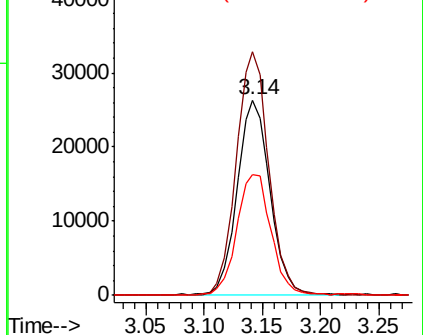
98 62.0 50.3 75.5



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 18.239 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Tgt Ion: 45 Resp: 126244

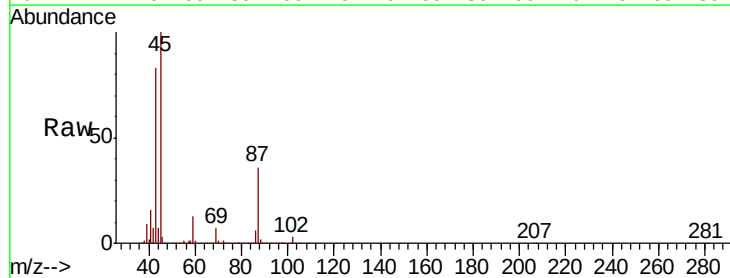
Ion Ratio Lower Upper

45 100

43 82.3 69.7 104.5

87 35.8 26.9 40.3

59 12.6 9.9 14.9

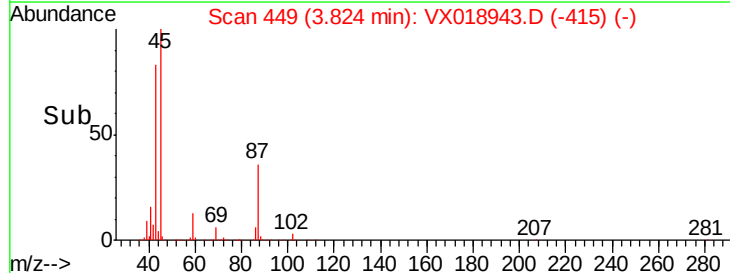
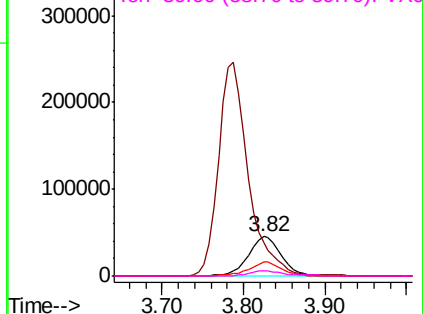


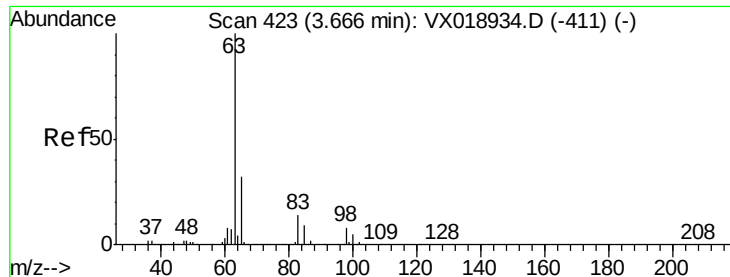
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 18.139 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

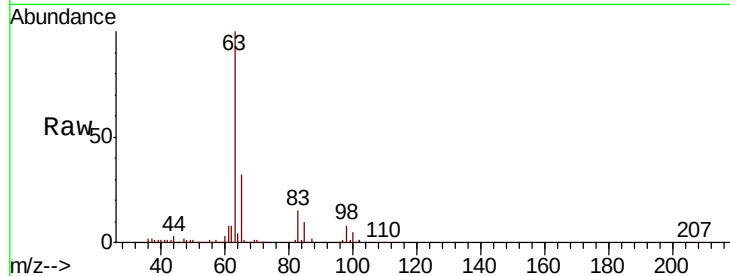
Tot Ion: 63 Resp: 85818

Ion Ratio Lower Upper

63 100

98 8.2 4.0 11.9

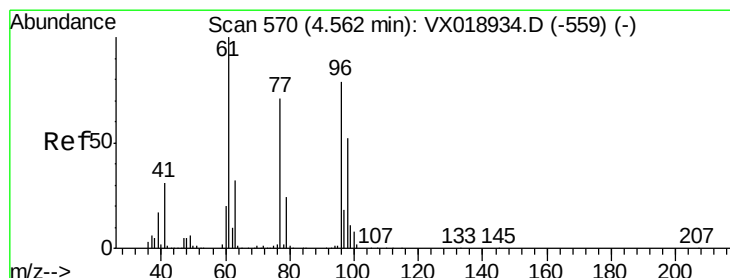
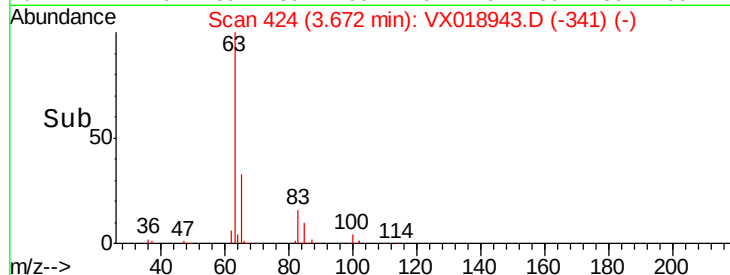
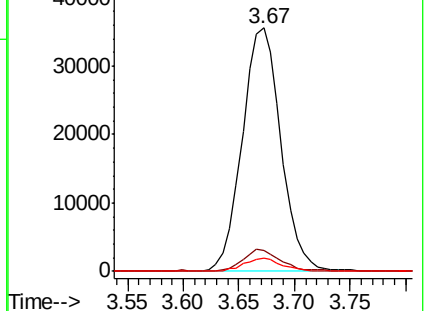
100 5.4 2.5 7.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.200 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

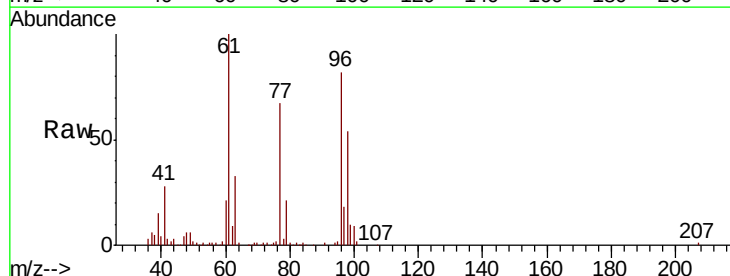
Tgt Ion: 96 Resp: 59658

Ion Ratio Lower Upper

96 100

61 129.5 107.7 161.5

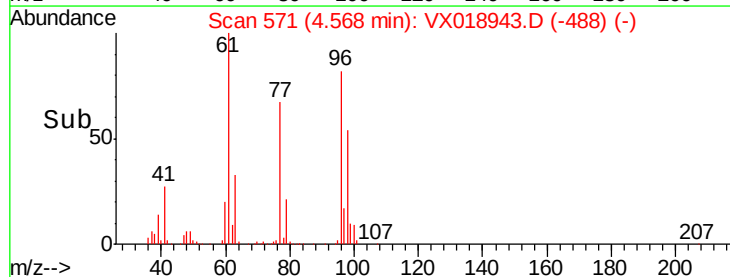
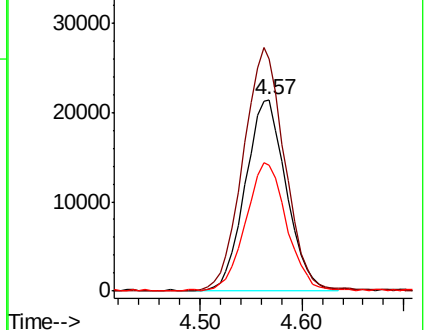
98 66.1 51.9 77.9

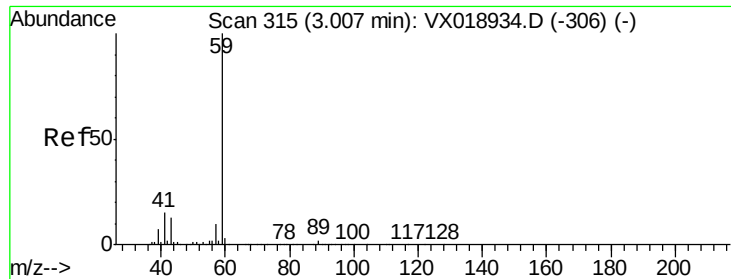


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



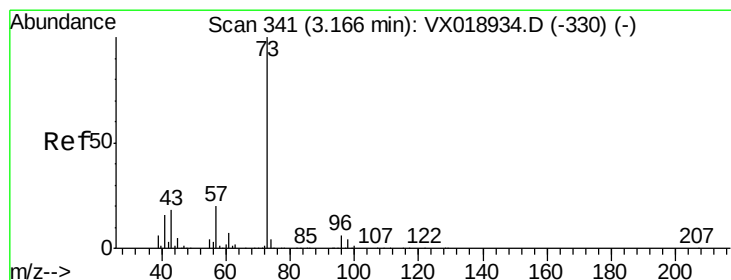
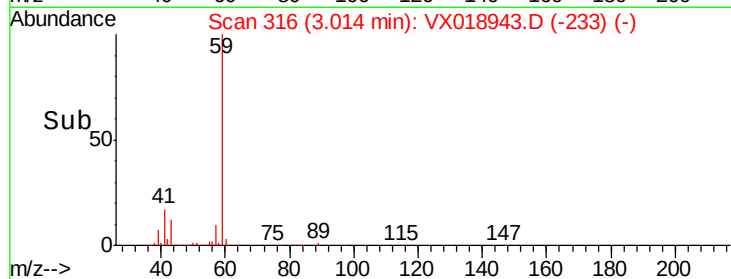
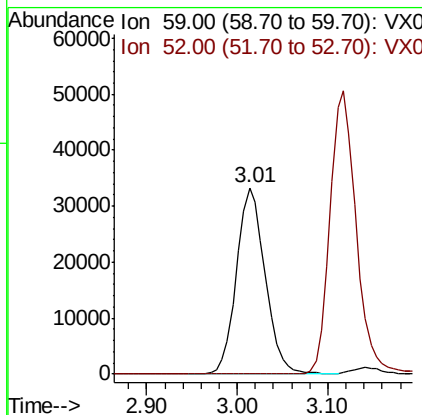
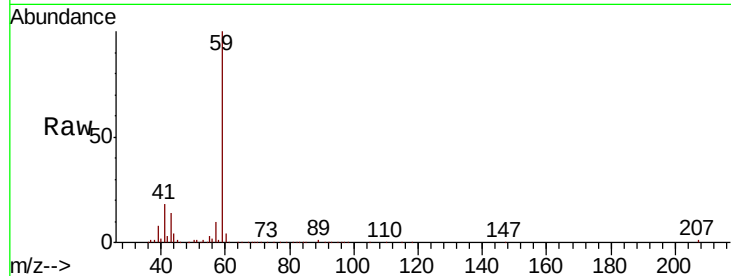


#23

tert-Butyl Alcohol
 Concen: 100.129 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

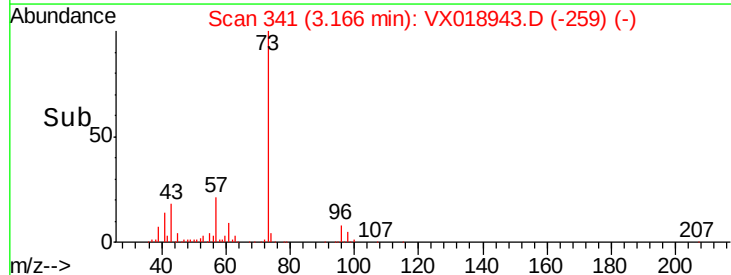
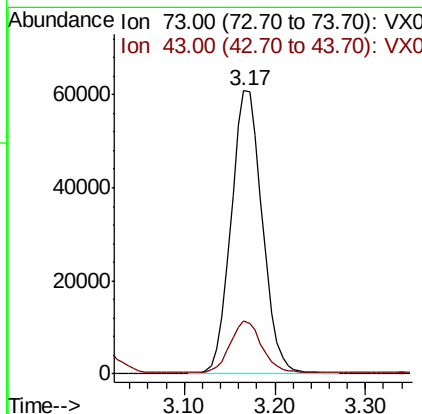
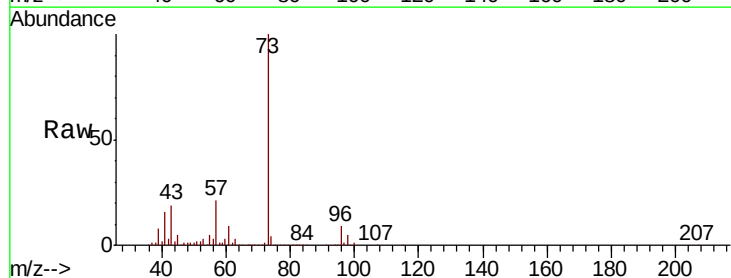
Tot Ion: 59 Resp: 73108
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

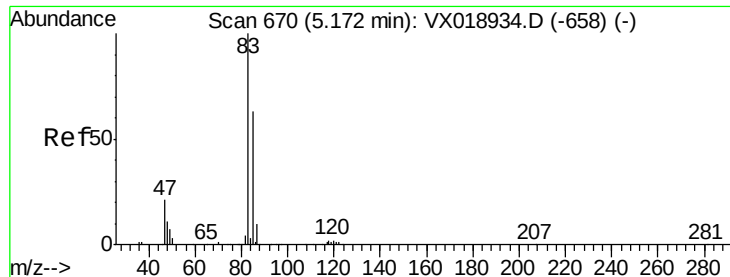


#24

Methyl tert-Butyl Ether
 Concen: 18.266 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion: 73 Resp: 144991
 Ion Ratio Lower Upper
 73 100
 43 18.0 13.8 20.8

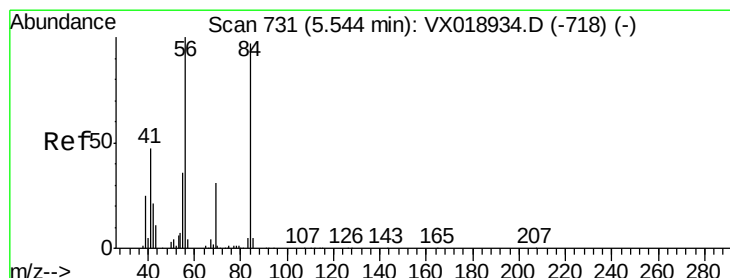
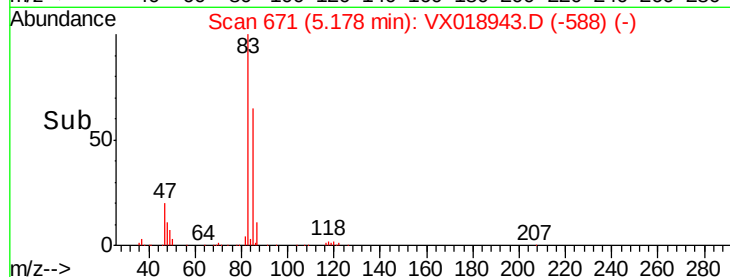
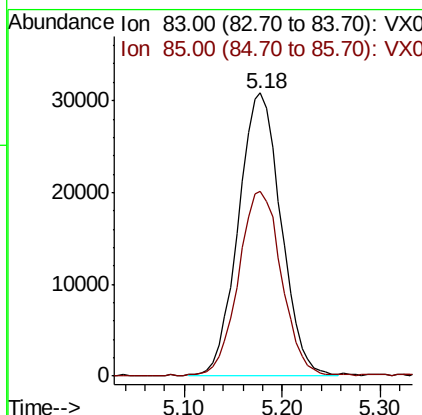
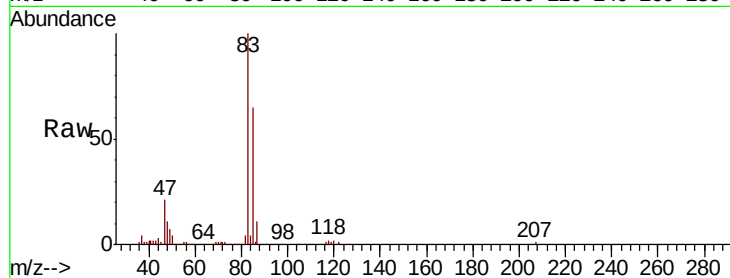




#25
Chloroform
Concen: 18.564 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

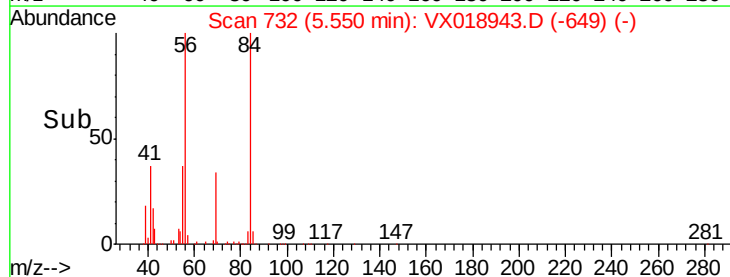
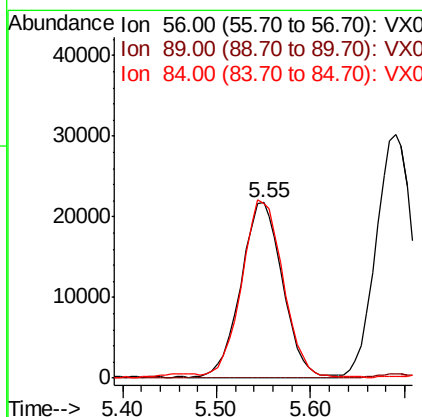
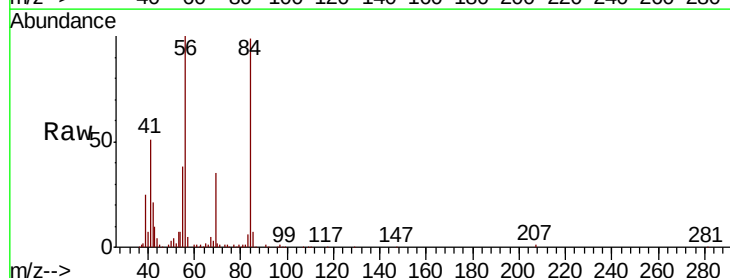
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

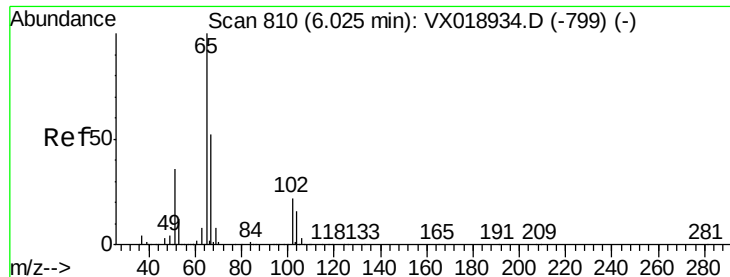
Tot Ion: 83 Resp: 93227
Ion Ratio Lower Upper
83 100
85 64.9 50.3 75.5



#26
Cyclohexane
Concen: 17.579 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion: 56 Resp: 66950
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 101.2 78.0 117.0

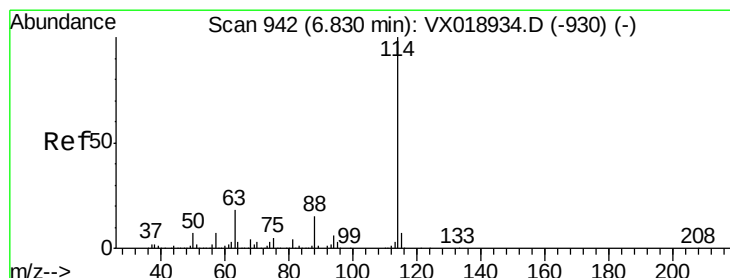
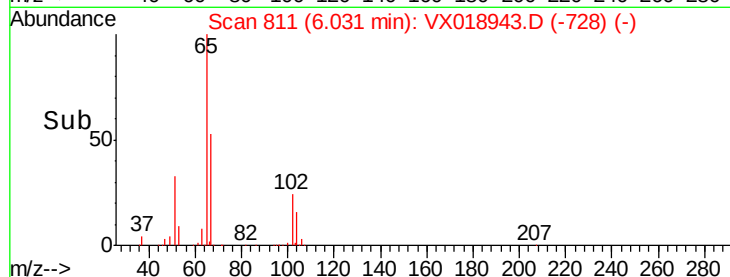
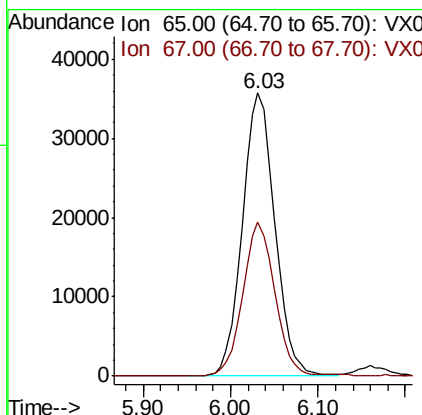
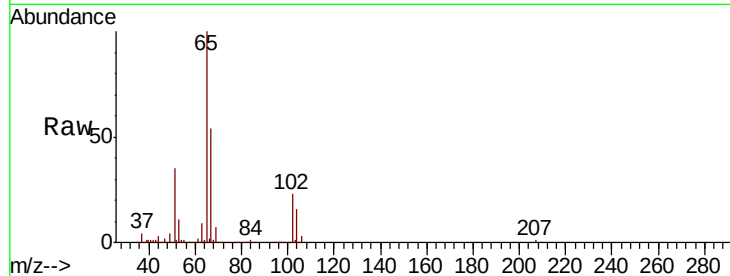




#27
 1,2-Dichloroethane-d4
 Concen: 30.159 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

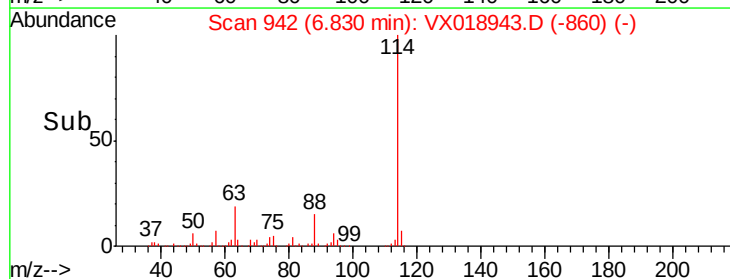
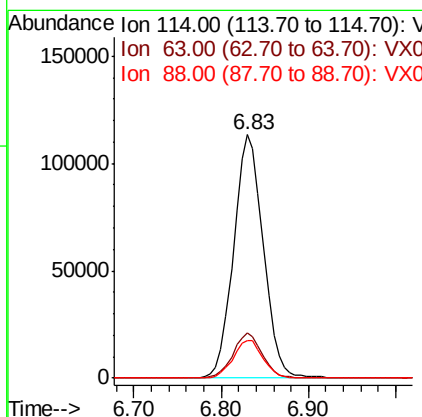
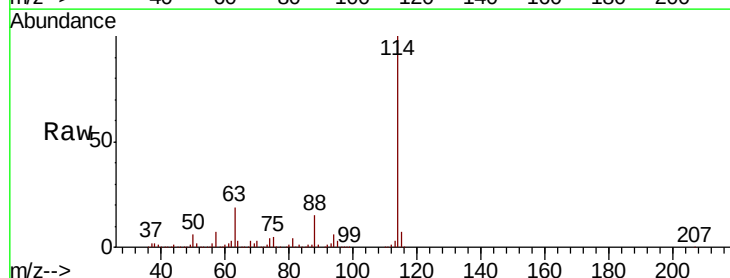
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

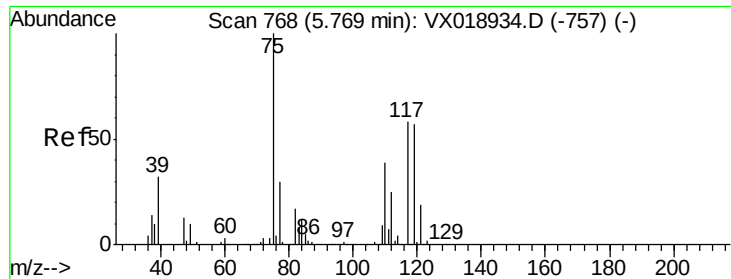
Tot Ion: 65 Resp: 92379
 Ion Ratio Lower Upper
 65 100
 67 52.7 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion: 114 Resp: 267130
 Ion Ratio Lower Upper
 114 100
 63 18.4 14.6 21.8
 88 15.7 12.3 18.5

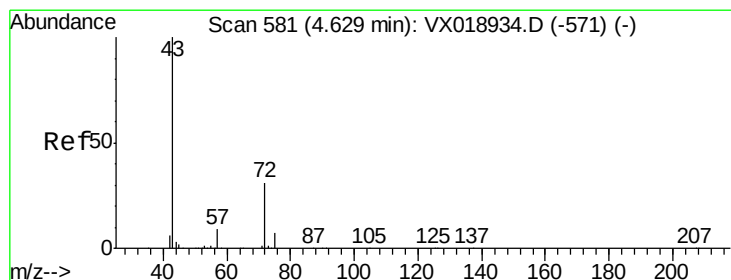
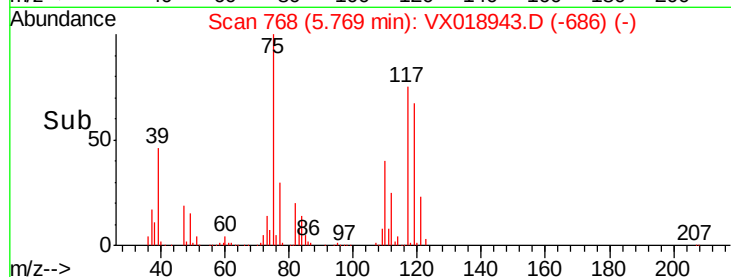
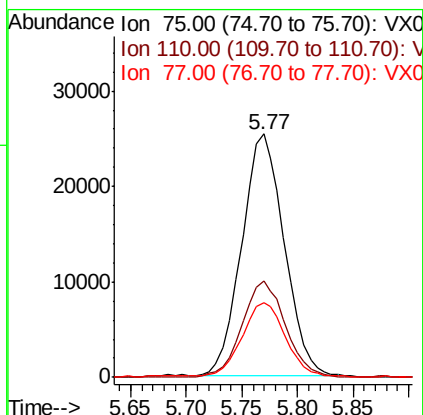
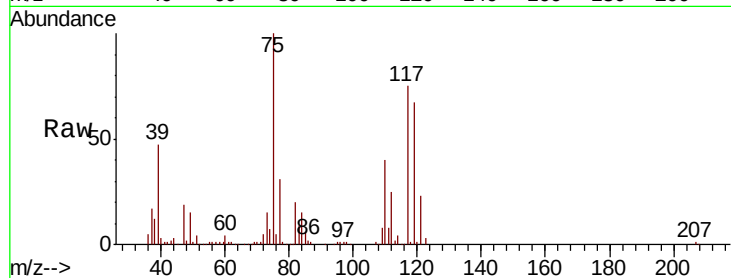




#29
 1,1-Dichloropropene
 Concen: 17.377 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

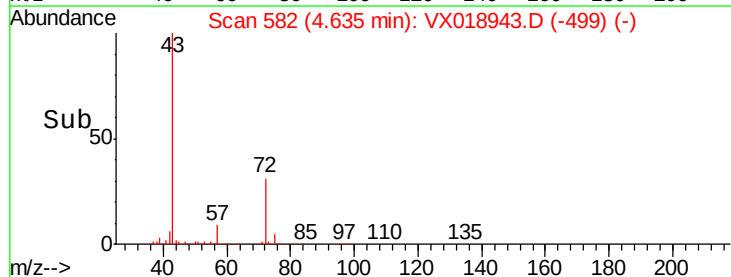
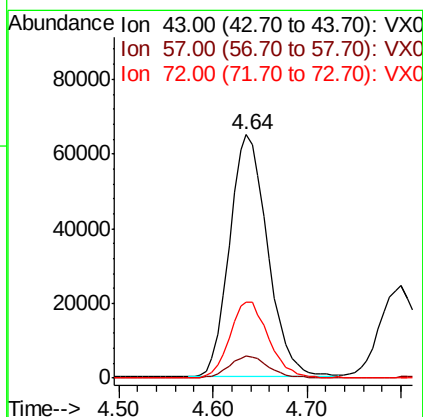
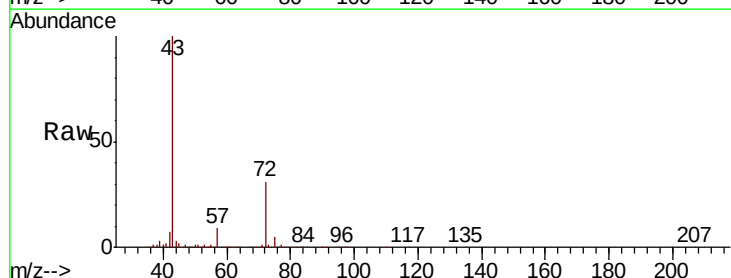
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

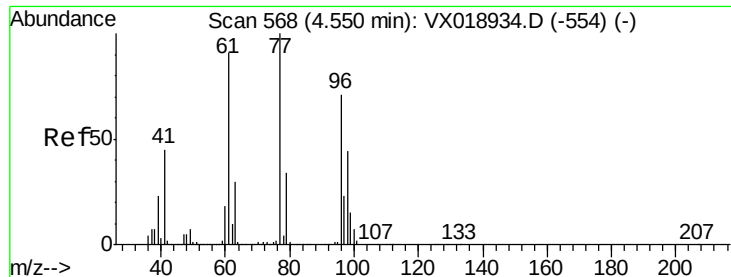
Tot Ion	Ratio	Lower	Upper
75	100		
110	40.8	0.0	79.2
77	31.5	0.0	62.6



#30
 2-Butanone
 Concen: 94.435 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.9	7.0	10.6
72	31.6	25.6	38.4





#31

2,2-Dichloropropane

Concen: 16.779 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

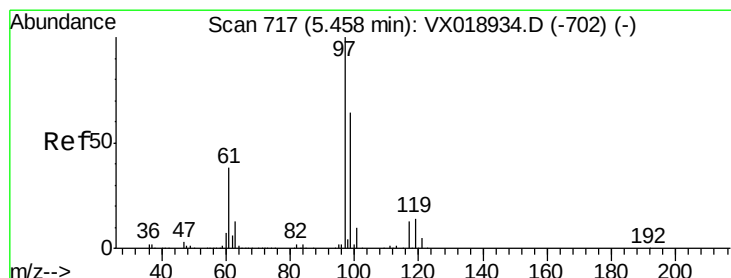
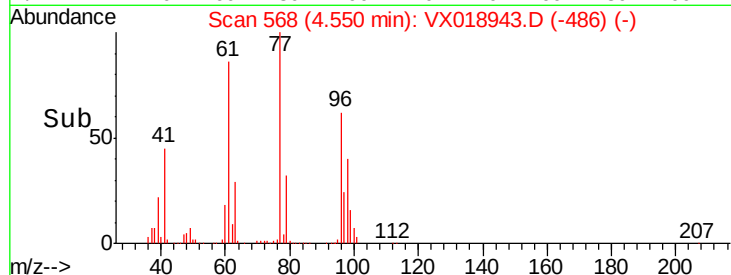
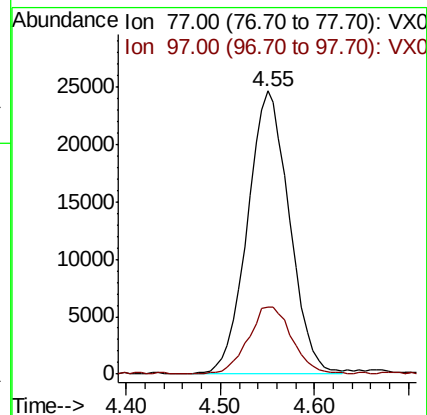
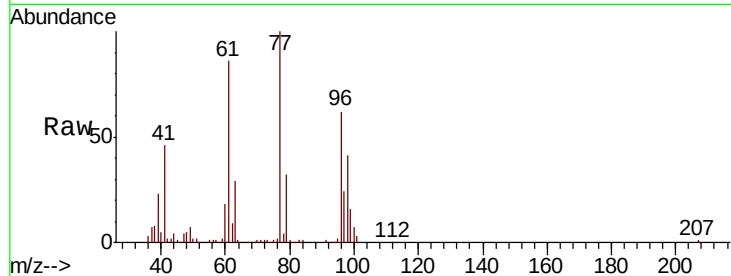
VX1015WBSD01

Tot Ion: 77 Resp: 76553

Ion Ratio Lower Upper

77 100

97 24.7 19.0 28.6



#32

1,1,1-Trichloroethane

Concen: 18.186 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

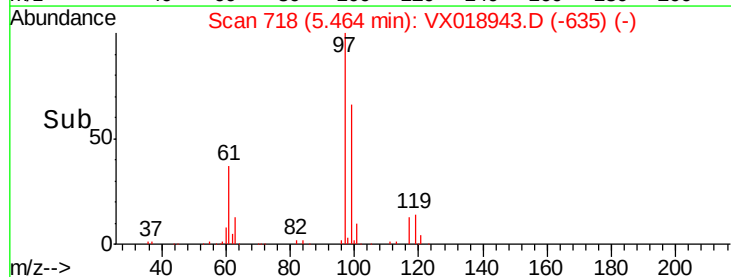
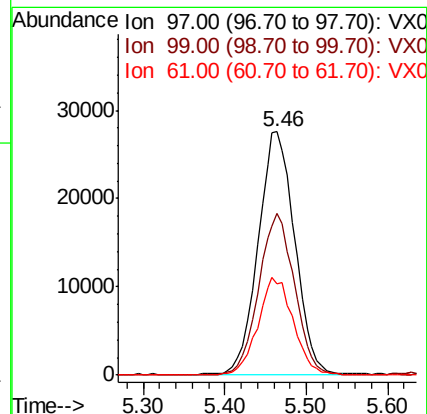
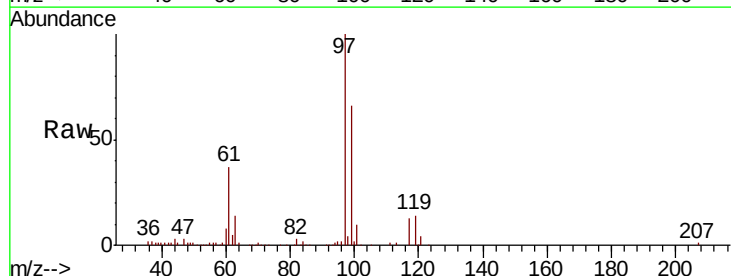
Tgt Ion: 97 Resp: 85487

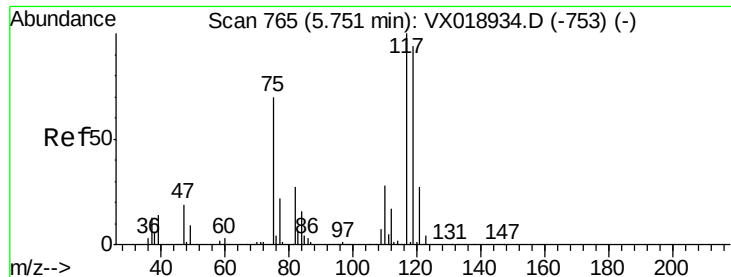
Ion Ratio Lower Upper

97 100

99 65.2 52.6 78.8

61 39.2 31.5 47.3





#33

Carbon Tetrachloride

Concen: 17.788 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampled :

VX1015WBSD01

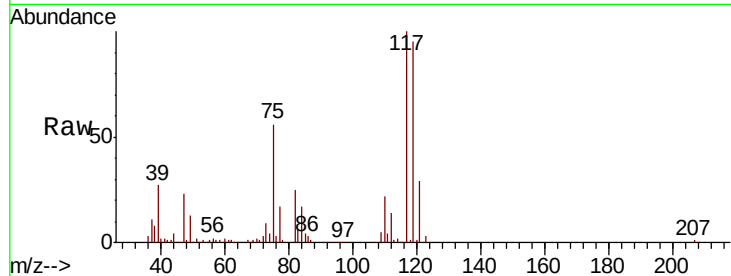
Tot Ion:117 Resp: 76632

Ion Ratio Lower Upper

117 100

119 95.3 75.0 112.4

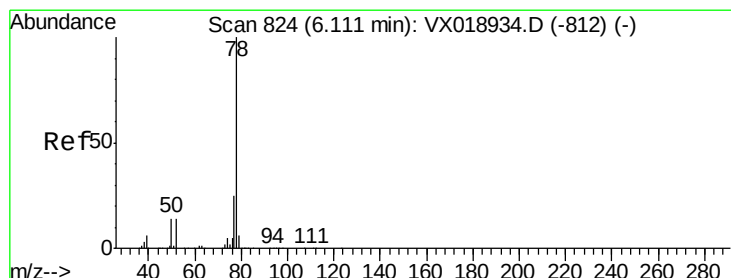
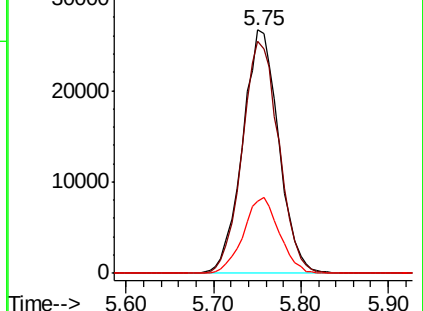
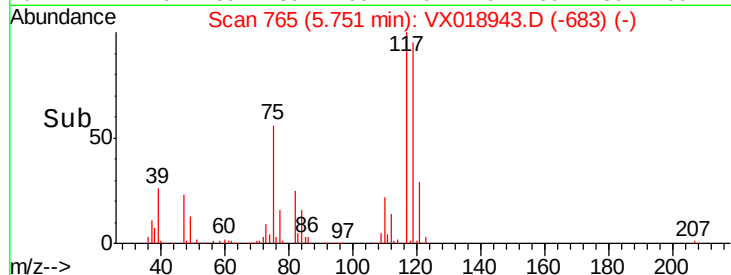
121 29.5 21.8 32.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.296 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

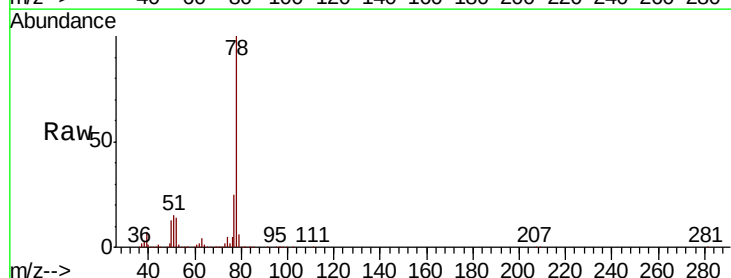
Tgt Ion: 78 Resp: 210004

Ion Ratio Lower Upper

78 100

77 24.6 19.7 29.5

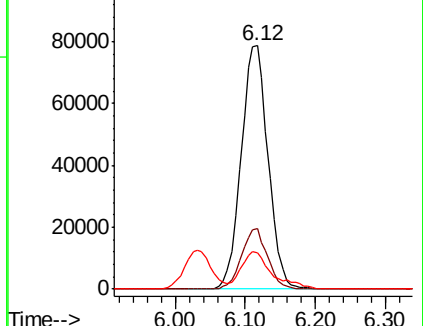
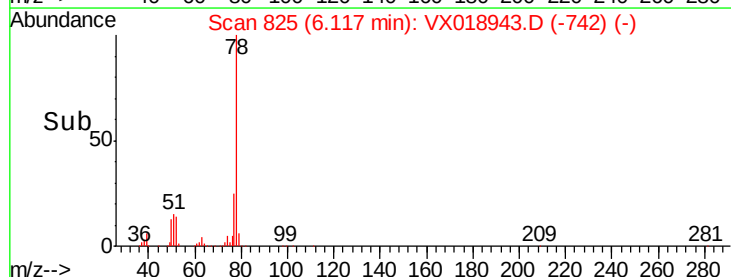
51 14.5 12.0 18.0

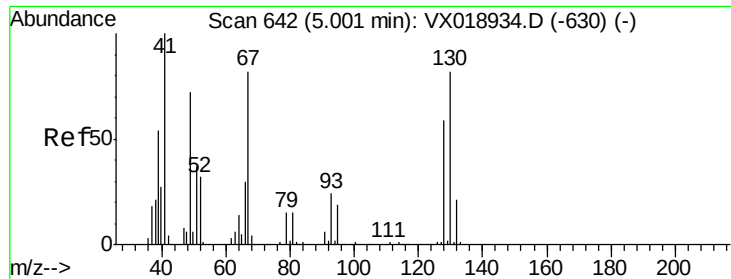


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

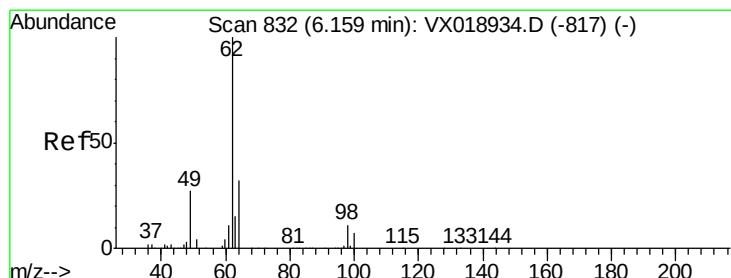
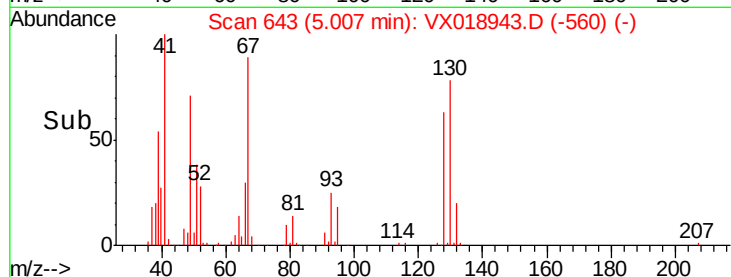
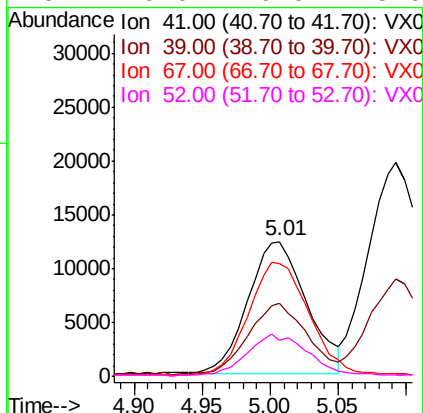
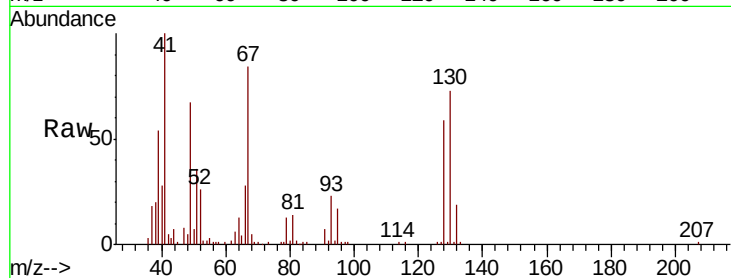




#35
Methacrylonitrile
Concen: 18.661 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

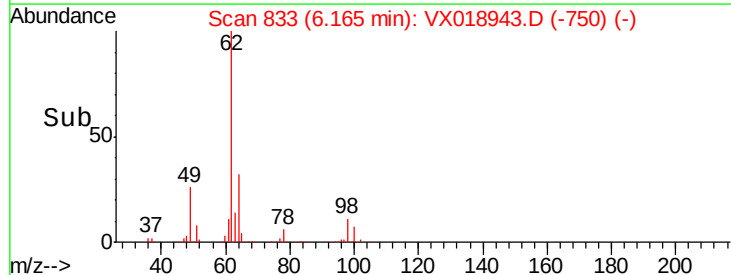
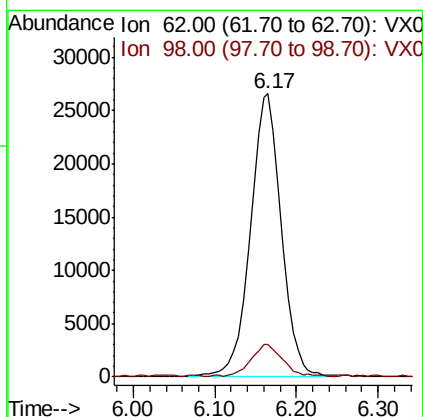
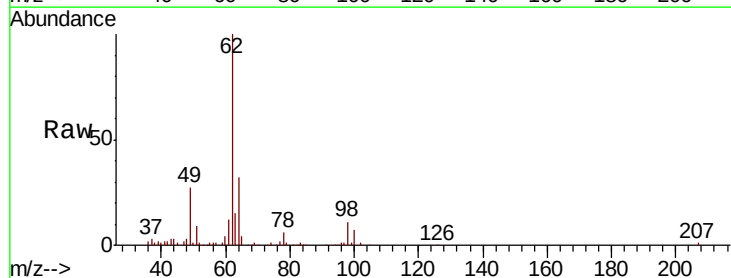
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

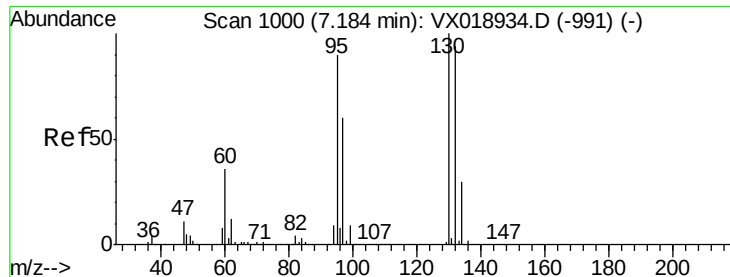
Tot Ion: 41 Resp: 37273
Ion Ratio Lower Upper
41 100
39 54.4 27.0 81.0
67 85.4 41.1 123.3
52 26.0 16.0 48.0



#36
1,2-Dichloroethane
Concen: 18.609 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion: 62 Resp: 70214
Ion Ratio Lower Upper
62 100
98 11.0 8.9 13.3

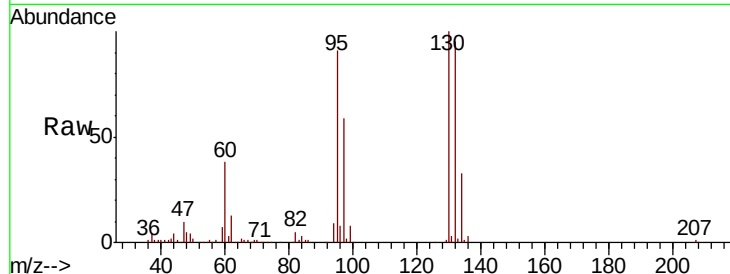




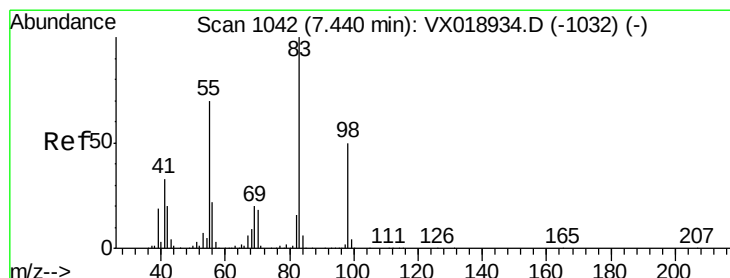
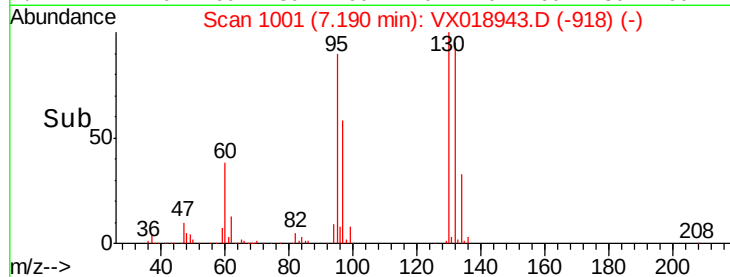
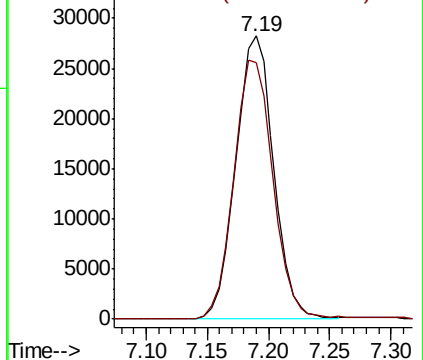
#37
 Trichloroethene
 Concen: 18.035 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tot Ion:130 Resp: 60749
 Ion Ratio Lower Upper
 130 100
 95 90.3 71.8 107.6

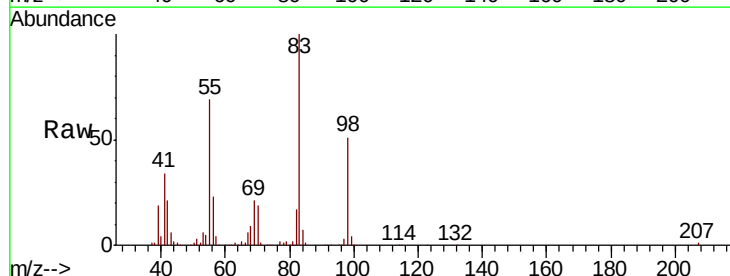


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

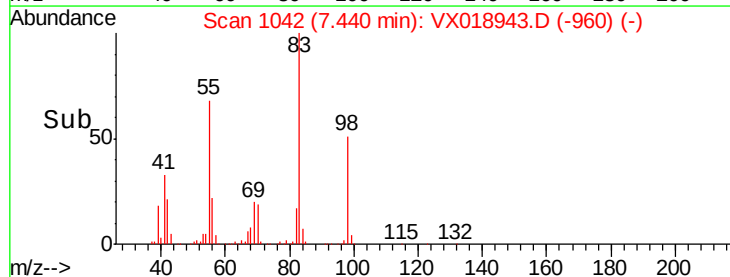
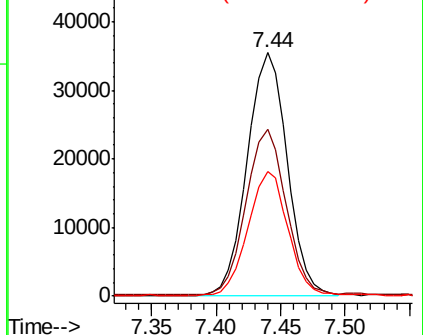


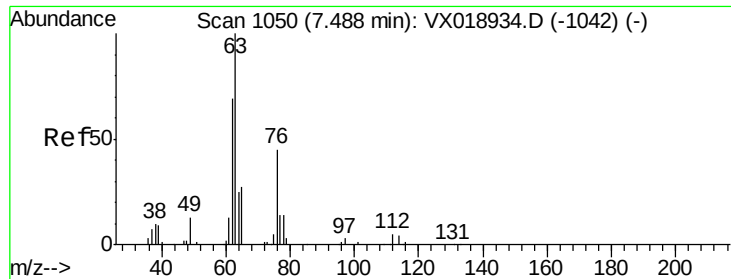
#38
 Methylcyclohexane
 Concen: 17.247 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion: 83 Resp: 76156
 Ion Ratio Lower Upper
 83 100
 55 67.6 34.8 104.4
 98 50.7 25.8 77.4



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





#39

1,2-Dichloropropane

Concen: 18.414 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

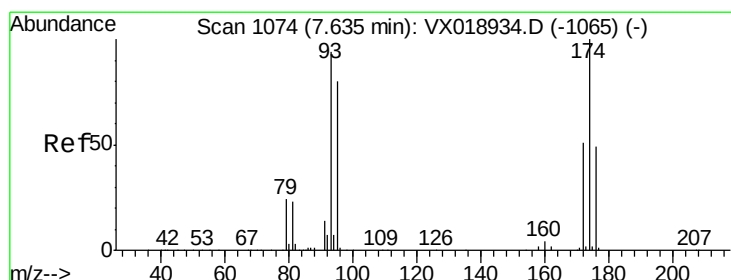
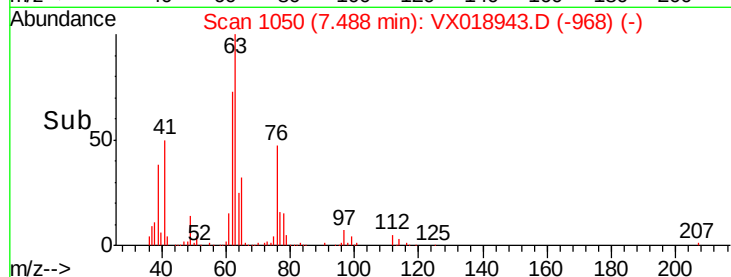
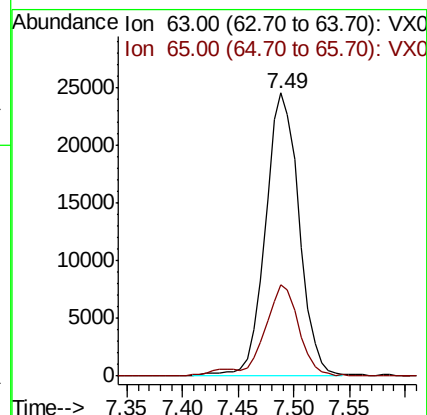
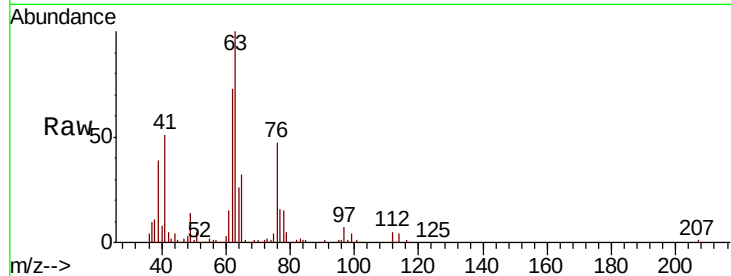
VX1015WBSD01

Tot Ion: 63 Resp: 51695

Ion Ratio Lower Upper

63 100

65 32.0 23.0 34.6



#40

Dibromomethane

Concen: 18.330 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

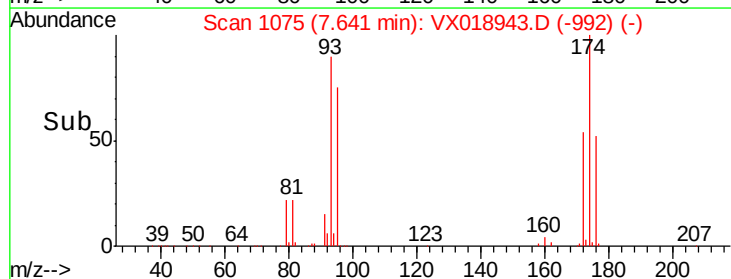
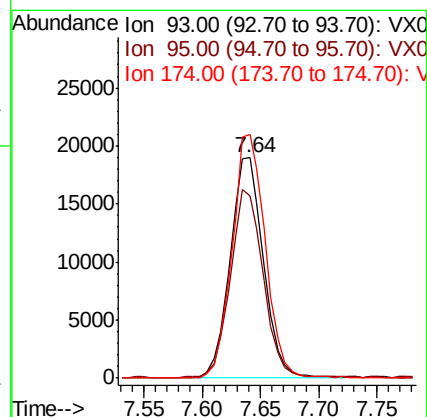
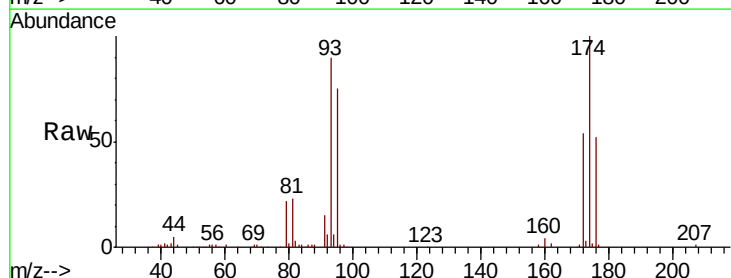
Tgt Ion: 93 Resp: 37798

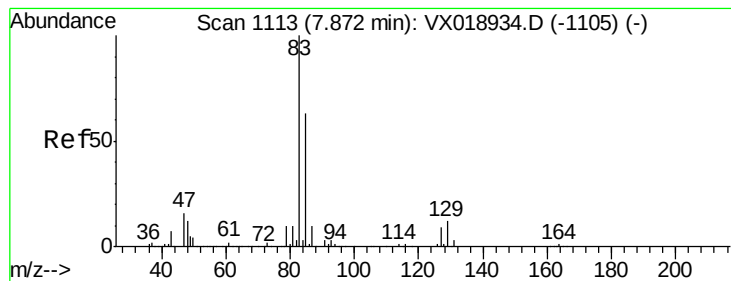
Ion Ratio Lower Upper

93 100

95 84.4 0.0 164.0

174 109.7 0.0 214.6





#41

Bromodichloromethane

Concen: 18.512 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

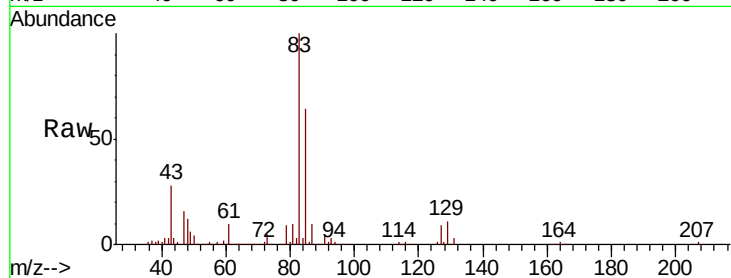
Tot Ion: 83 Resp: 77705

Ion Ratio Lower Upper

83 100

85 63.5 50.4 75.6

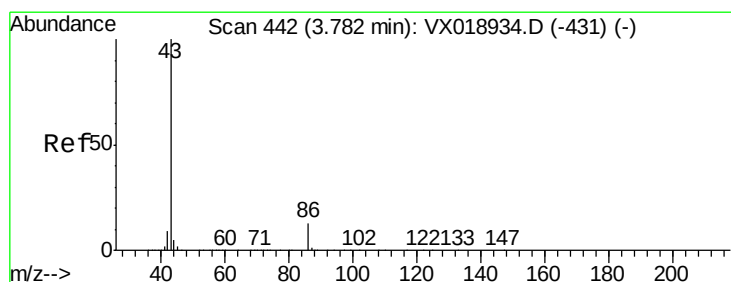
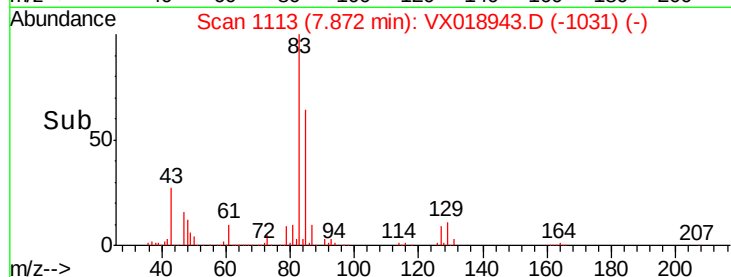
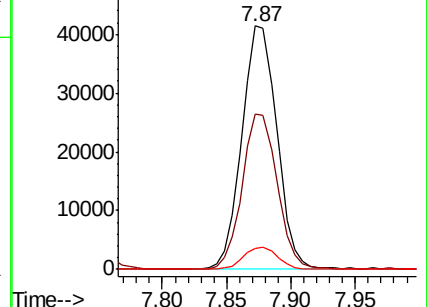
127 8.8 7.5 11.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 90.181 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX018943.D

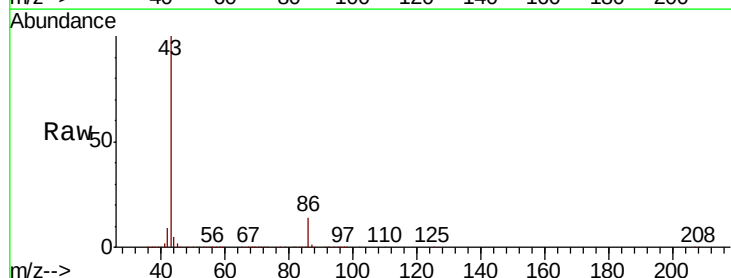
Acq: 15 Oct 2020 19:29

Tgt Ion: 43 Resp: 623425

Ion Ratio Lower Upper

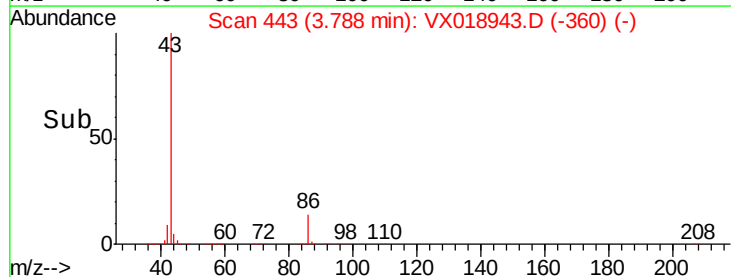
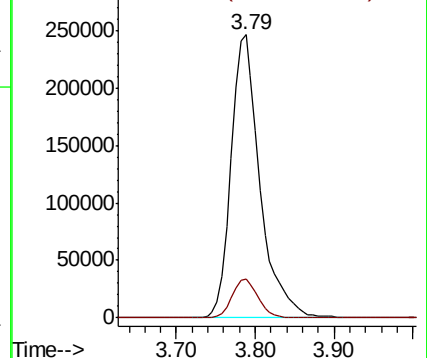
43 100

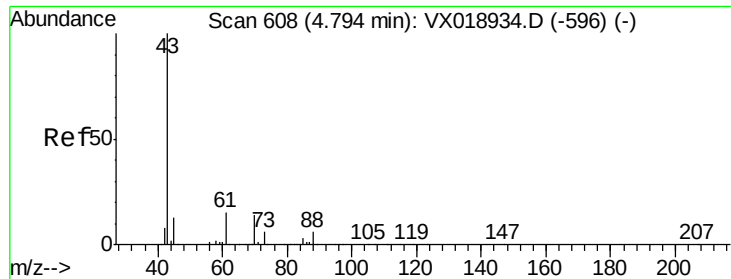
86 12.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

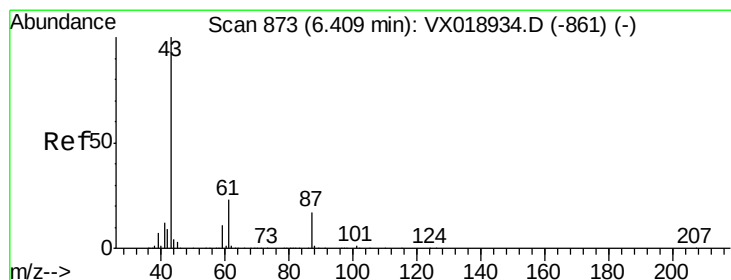
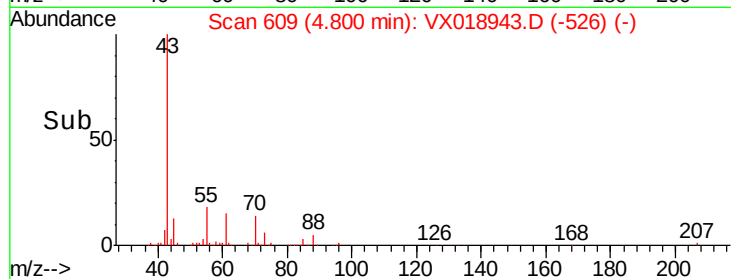
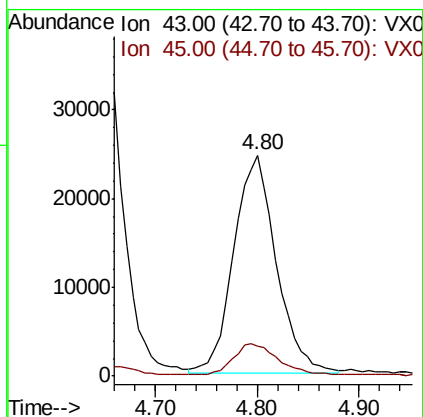
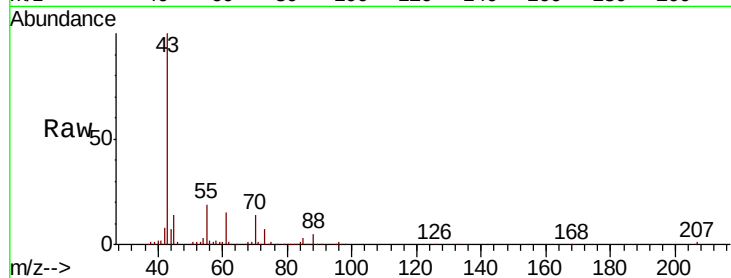




#43
Ethyl Acetate
Concen: 17.750 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

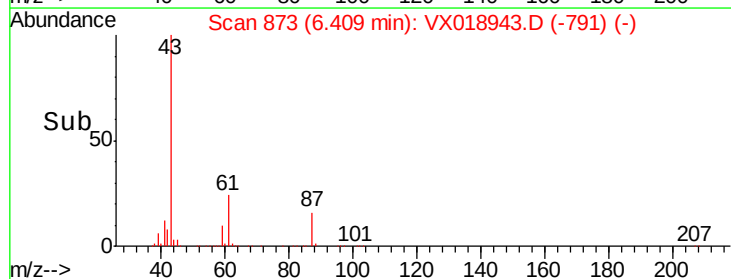
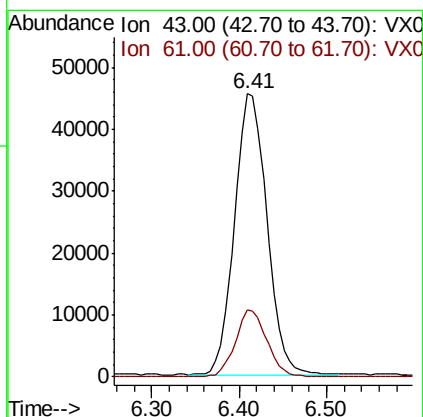
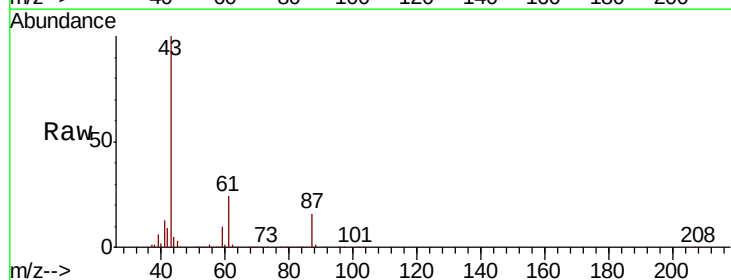
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

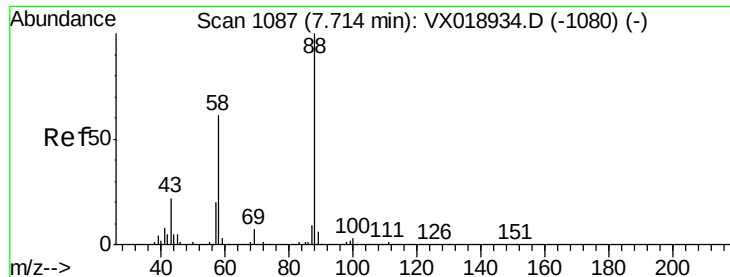
Tot Ion: 43 Resp: 70903
Ion Ratio Lower Upper
43 100
45 15.6 11.5 17.3



#44
Isopropyl Acetate
Concen: 18.249 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion: 43 Resp: 117057
Ion Ratio Lower Upper
43 100
61 23.1 0.0 0.0#

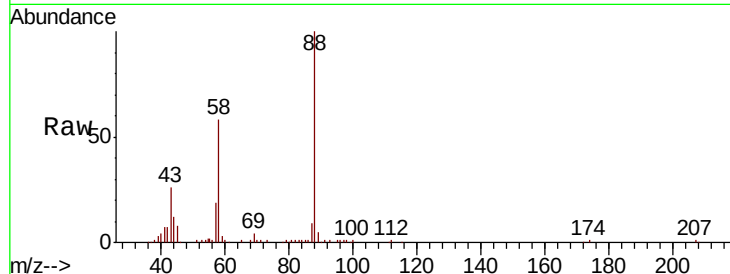




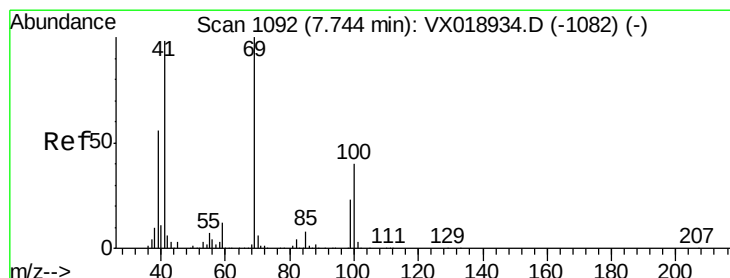
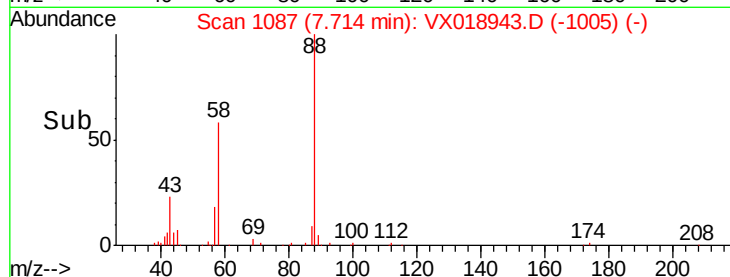
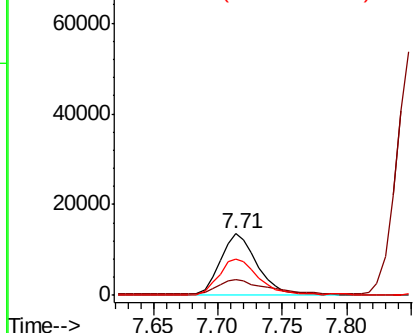
#45
 1,4-Dioxane
 Concen: 398.749 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Instrument :
 MSVOA_X
 ClientSampled :
 VX1015WBSD01

Tot Ion: 88 Resp: 27297
 Ion Ratio Lower Upper
 88 100
 43 27.9 22.1 33.1
 58 63.1 52.1 78.1

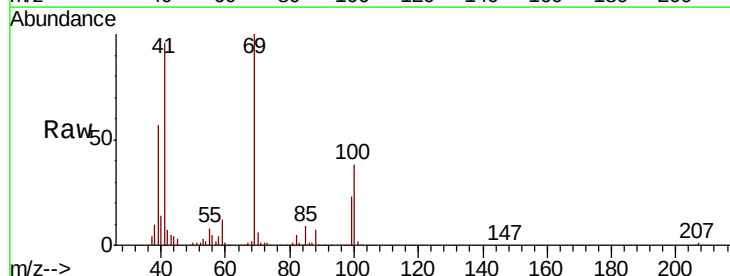


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

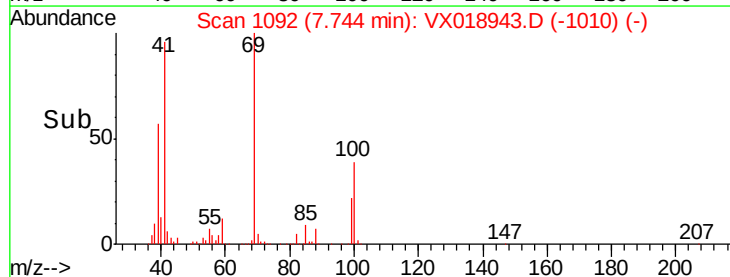
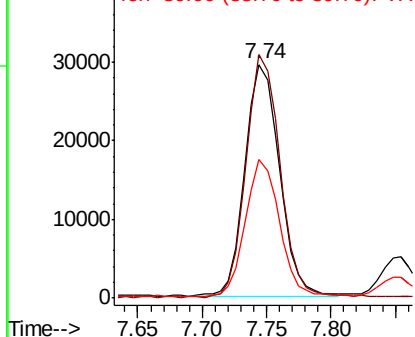


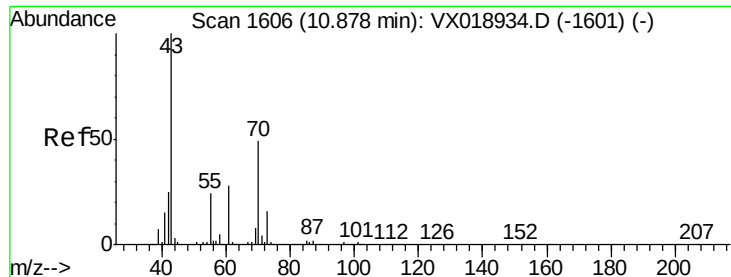
#46
 Methyl methacrylate
 Concen: 18.301 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion: 41 Resp: 54577
 Ion Ratio Lower Upper
 41 100
 69 104.4 50.8 152.5
 39 59.0 28.5 85.6



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

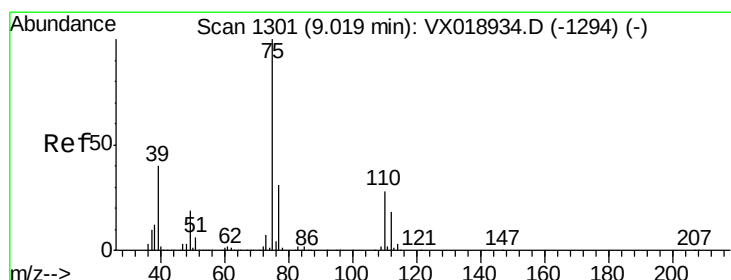
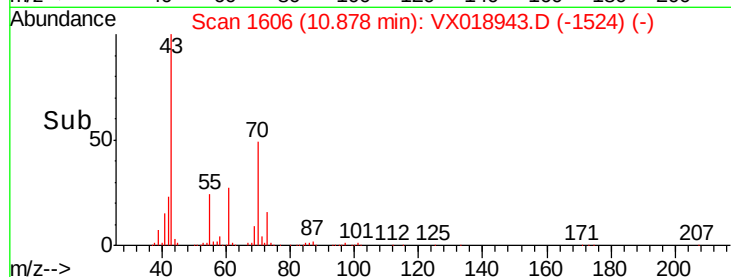
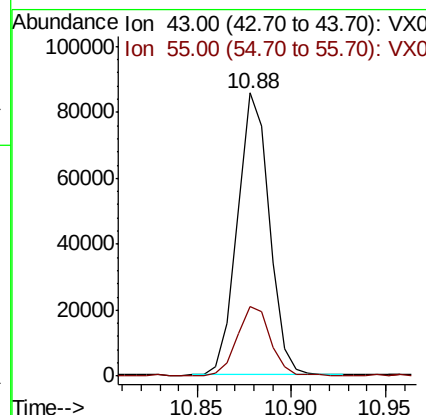
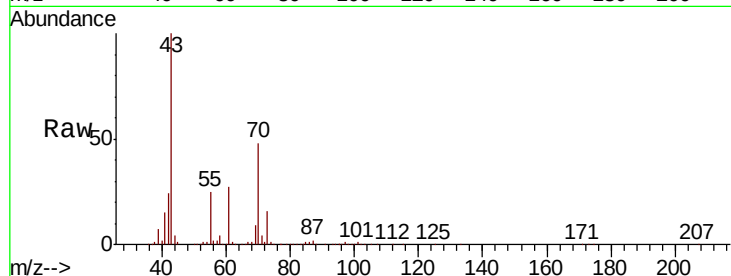




#47
n-amvl Acetate
Concen: 18.795 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

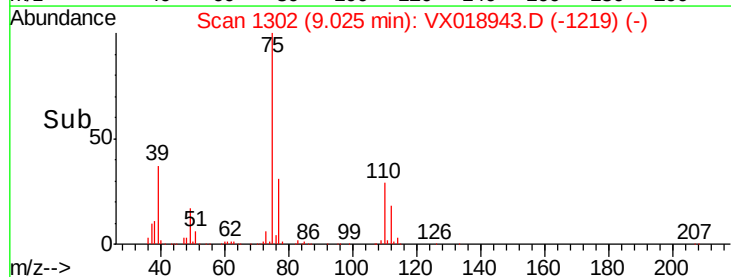
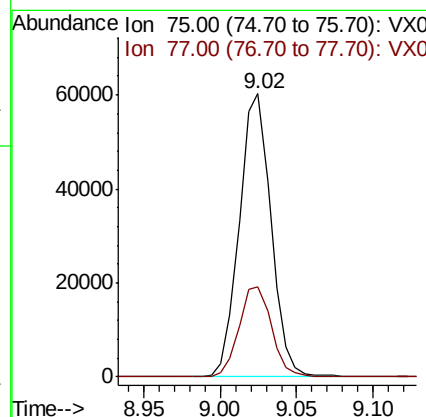
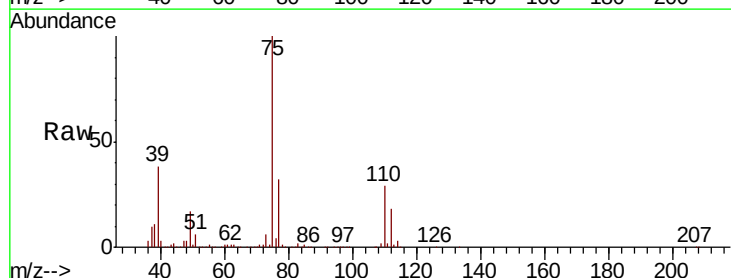
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

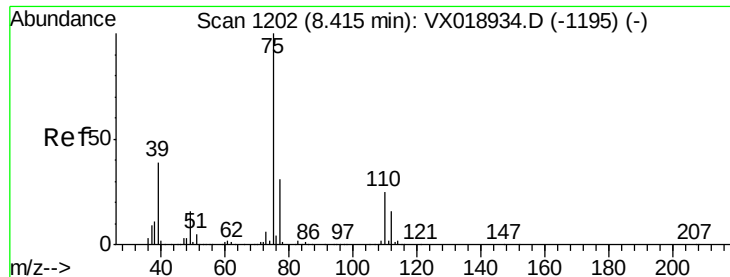
Tot Ion: 43 Resp: 100698
Ion Ratio Lower Upper
43 100
55 25.2 19.9 29.9



#48
t-1,3-Dichloropropene
Concen: 18.139 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion: 75 Resp: 86941
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8





#49

cis-1,3-Dichloropropene

Concen: 17.954 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

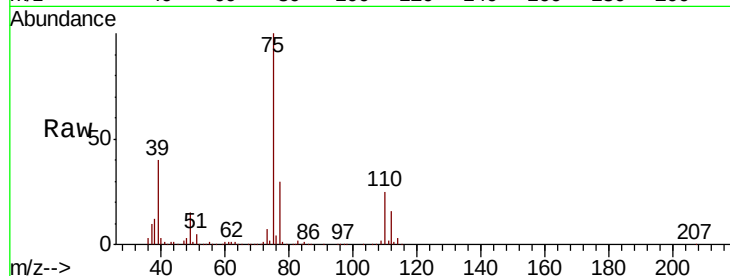
Tot Ion: 75 Resp: 91504

Ion Ratio Lower Upper

75 100

77 30.3 25.1 37.7

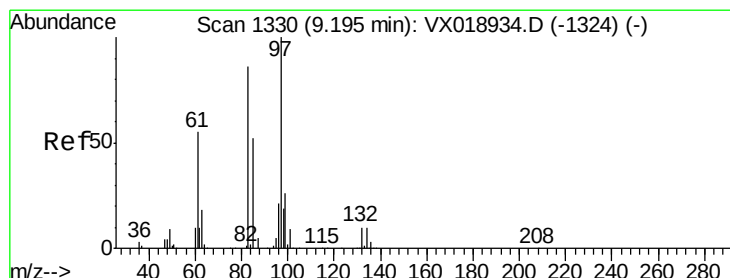
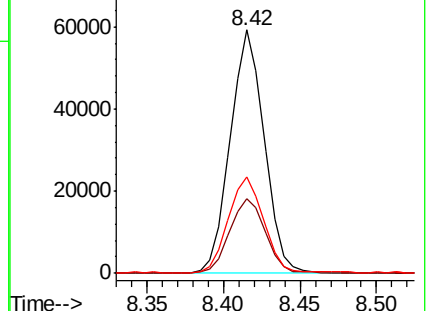
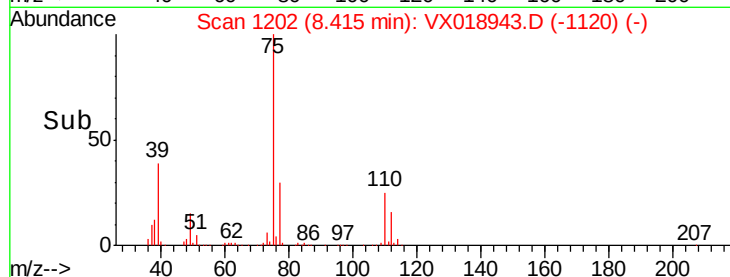
39 39.5 31.5 47.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 19.047 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Tgt Ion: 97 Resp: 56361

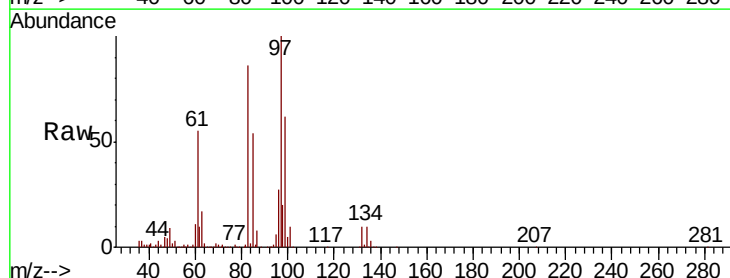
Ion Ratio Lower Upper

97 100

83 86.2 68.0 102.0

85 53.5 43.8 65.8

99 61.7 48.4 72.6

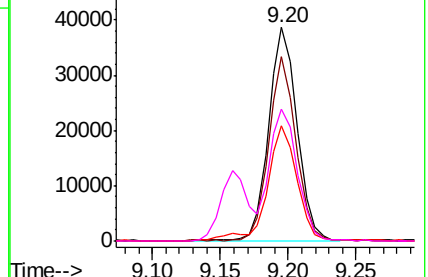
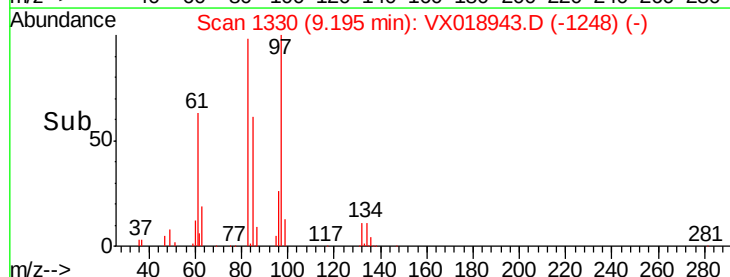


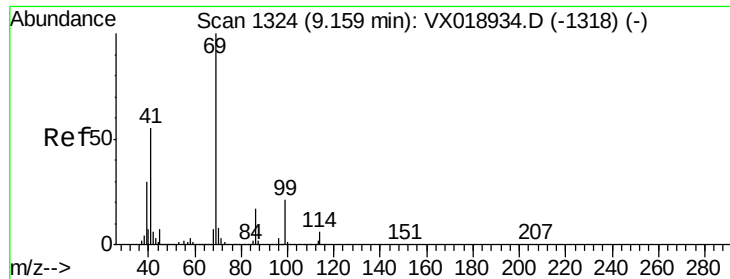
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 18.698 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

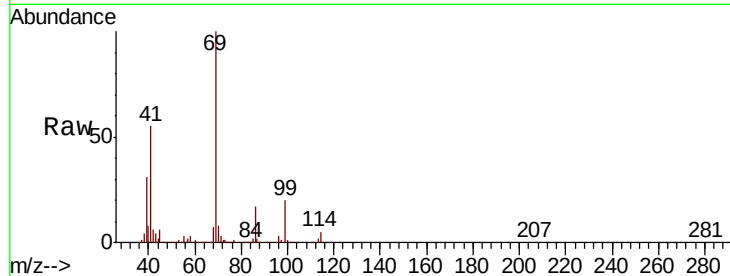
Tot Ion: 69 Resp: 87080

Ion Ratio Lower Upper

69 100

41 55.2 27.6 82.8

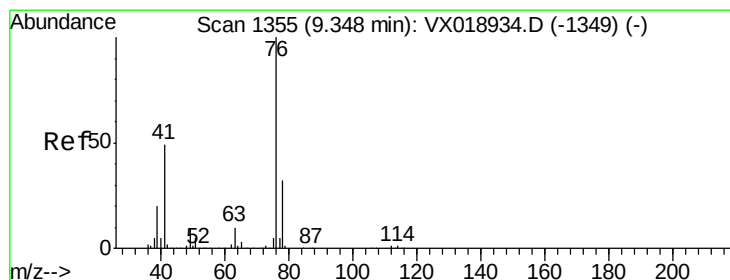
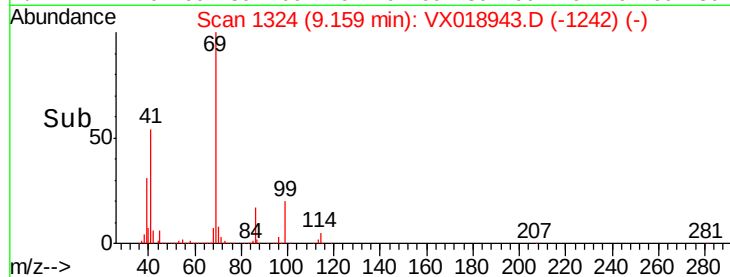
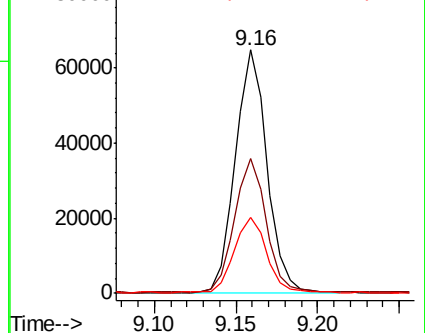
39 31.0 15.0 45.0



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.914 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.01 min

Lab File: VX018943.D

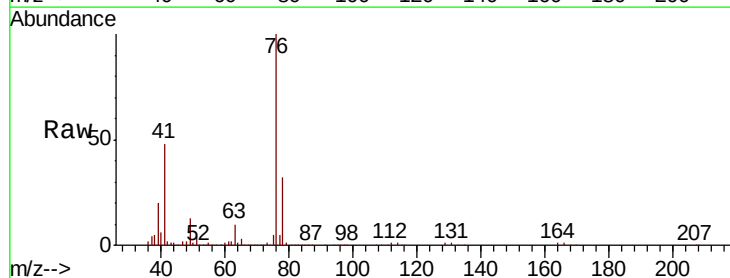
Acq: 15 Oct 2020 19:29

Tgt Ion: 76 Resp: 92351

Ion Ratio Lower Upper

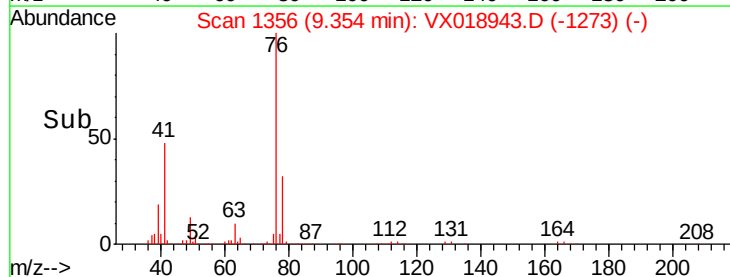
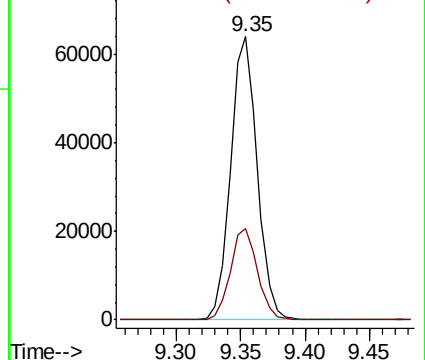
76 100

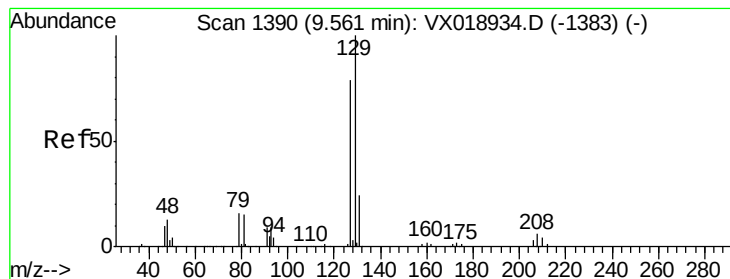
78 32.9 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.168 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

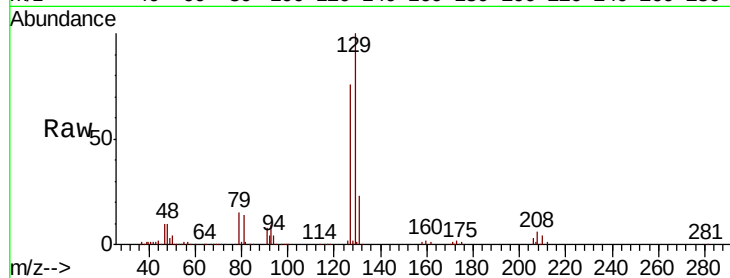
VX1015WBSD01

Tot Ion:129 Resp: 67464

Ion Ratio Lower Upper

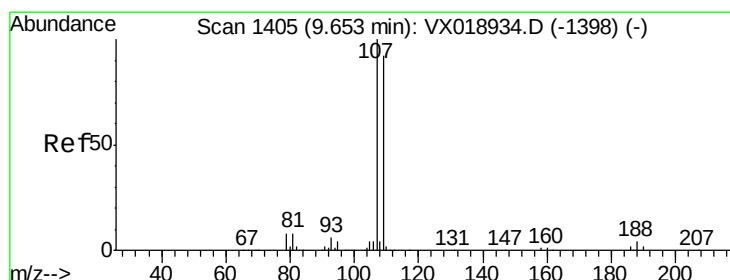
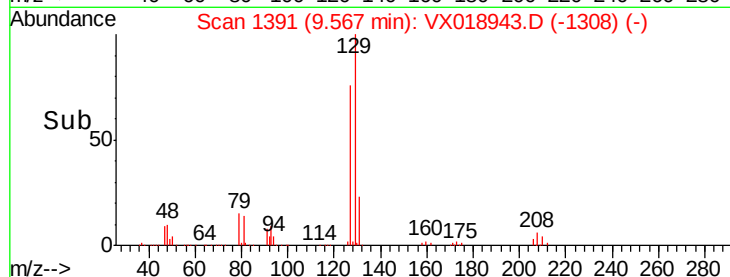
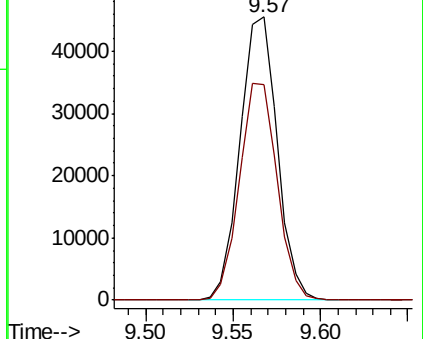
129 100

127 77.8 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.918 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018943.D

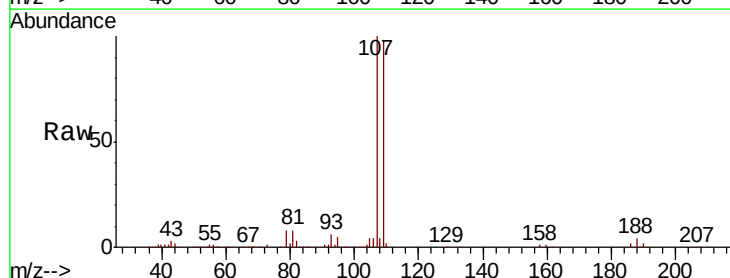
Acq: 15 Oct 2020 19:29

Tgt Ion:107 Resp: 61534

Ion Ratio Lower Upper

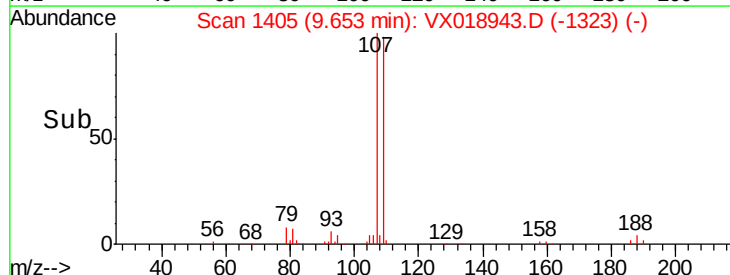
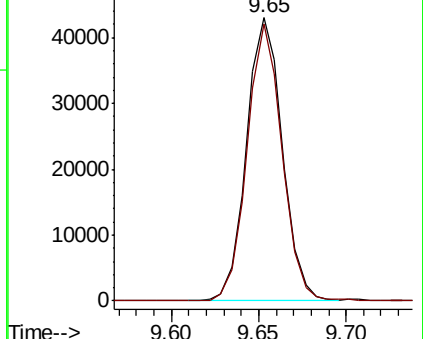
107 100

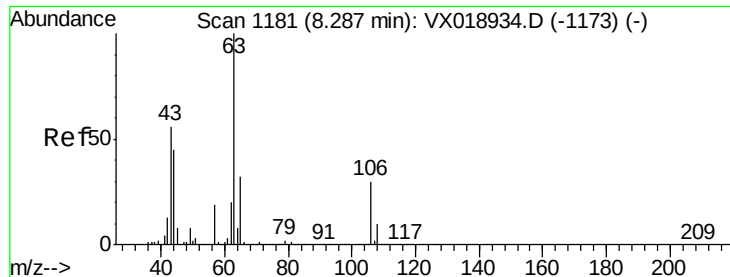
109 95.5 75.1 112.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 93.469 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

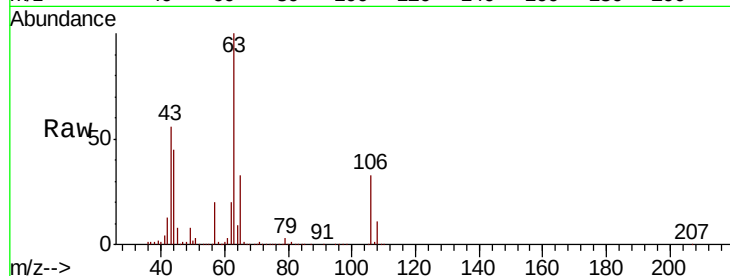
Tot Ion: 63 Resp: 229631

Ion Ratio Lower Upper

63 100

65 32.8 25.8 38.6

106 32.5 25.3 37.9



Abundance Ion 63.00 (62.70 to 63.70): VX018943.D (-1173) (-)

Ion 65.00 (64.70 to 65.70): VX018943.D (-1173) (-)

Ion 106.00 (105.70 to 106.70): VX018943.D (-1173) (-)

8.29

150000

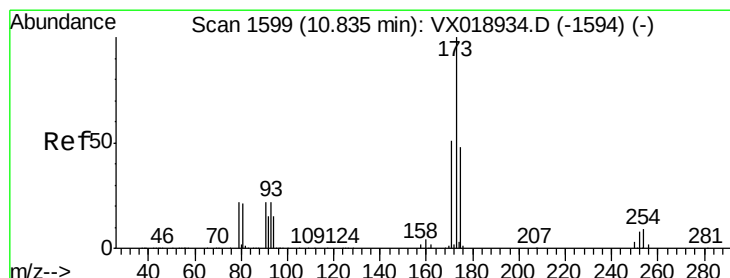
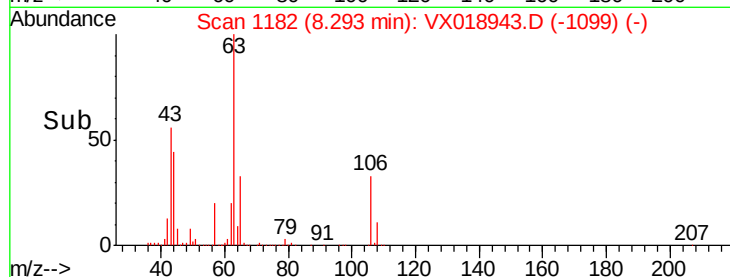
100000

50000

0

8.20 8.30 8.40

Time-->



#56

Bromoform

Concen: 18.893 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

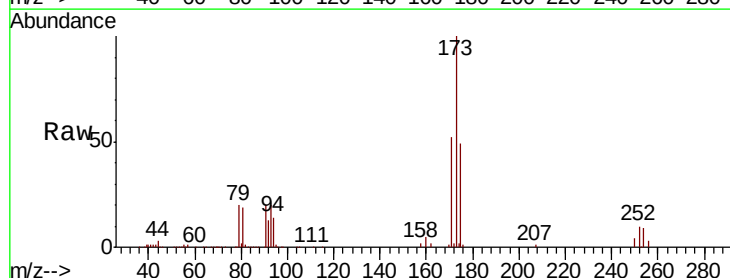
Tgt Ion: 173 Resp: 51332

Ion Ratio Lower Upper

173 100

175 48.5 39.2 58.8

254 9.5 7.5 11.3



Abundance Ion 173.00 (172.70 to 173.70): VX018934.D (-1594) (-)

Ion 175.00 (174.70 to 175.70): VX018934.D (-1594) (-)

Ion 254.00 (253.70 to 254.70): VX018934.D (-1594) (-)

10.84

50000

40000

30000

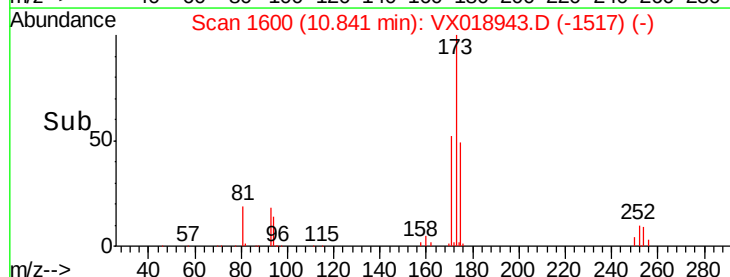
20000

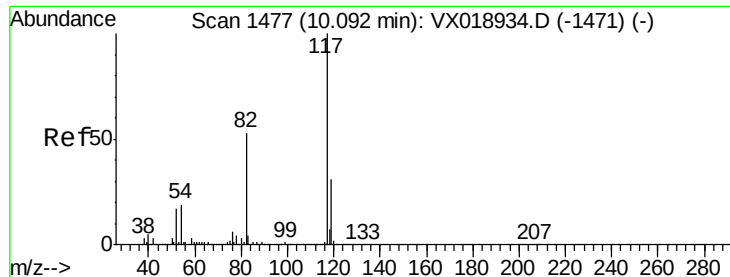
10000

0

10.80 10.85 10.90

Time-->

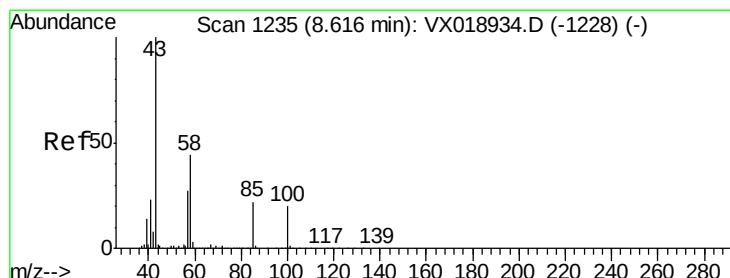
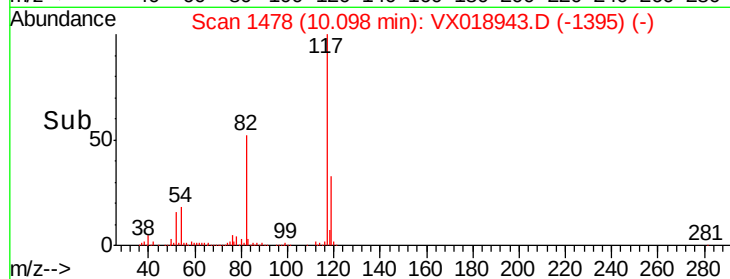
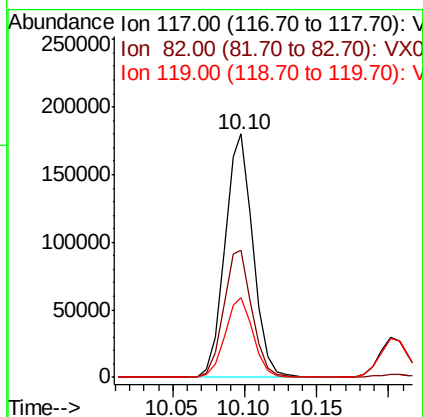
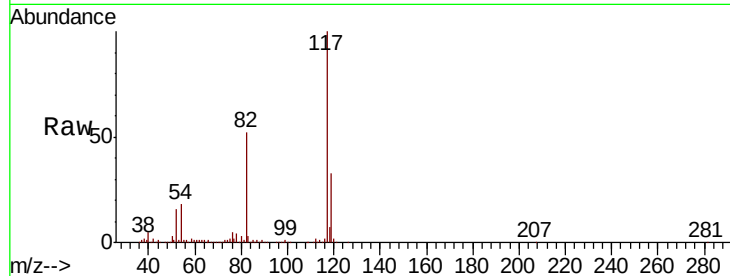




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

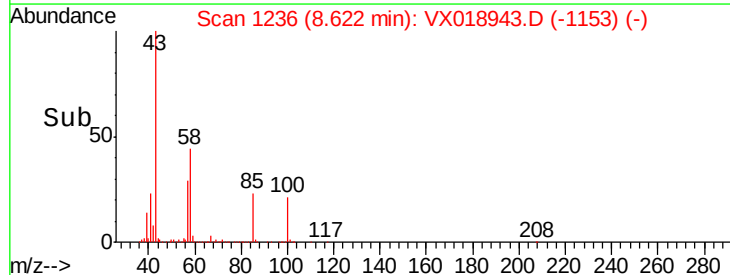
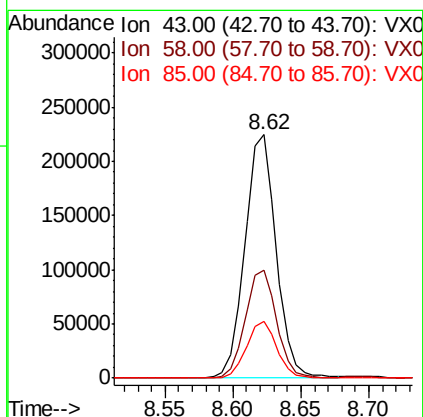
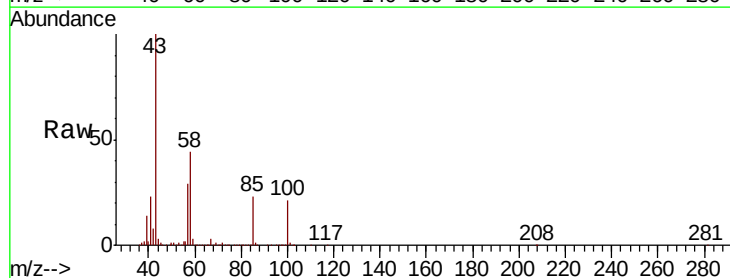
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

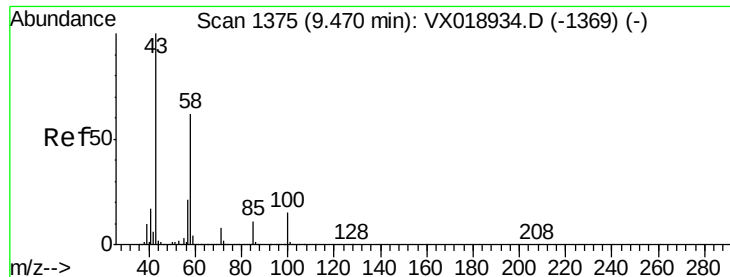
Tot Ion:117 Resp: 245646
Ion Ratio Lower Upper
117 100
82 53.1 41.6 62.4
119 32.6 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 91.718 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion: 43 Resp: 359526
Ion Ratio Lower Upper
43 100
58 44.5 35.4 53.2
85 22.9 18.0 27.0

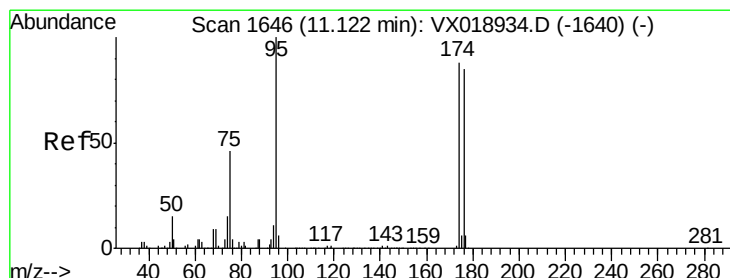
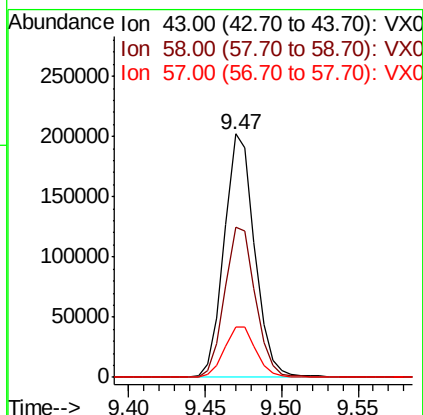
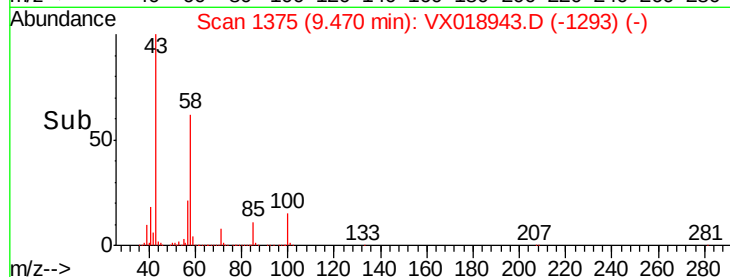
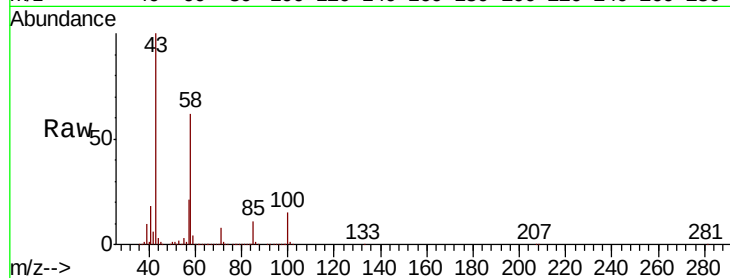




#59
2-Hexanone
Concen: 92.527 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

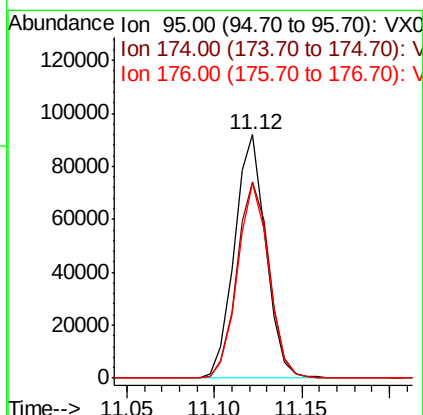
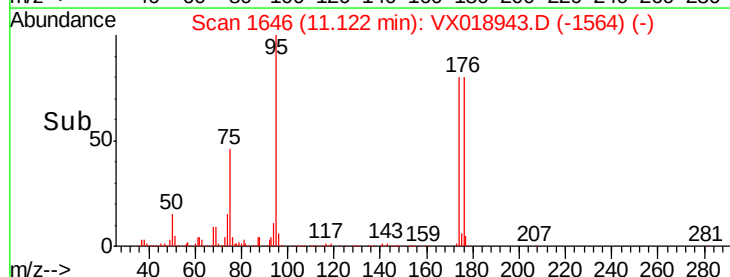
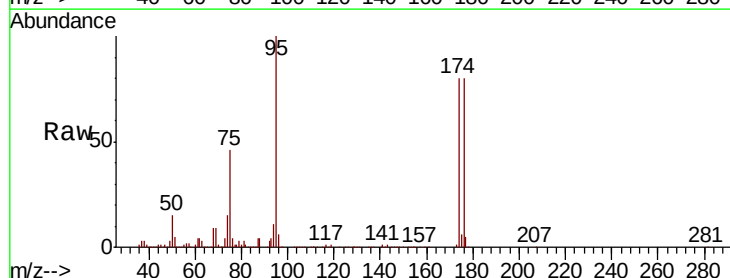
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

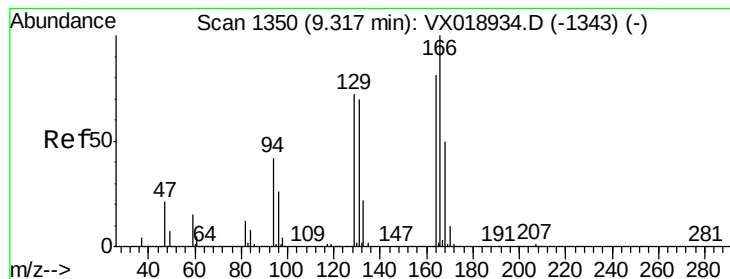
Tot Ion: 43 Resp: 277713
Ion Ratio Lower Upper
43 100
58 62.9 49.7 74.5
57 21.4 16.9 25.3



#60
4-Bromofluorobenzene
Concen: 29.858 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion: 95 Resp: 114187
Ion Ratio Lower Upper
95 100
174 83.8 67.0 100.4
176 80.5 64.5 96.7





#61

Tetrachloroethene

Concen: 17.452 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampled :

VX1015WBSD01

Tot Ion:164 Resp: 52715

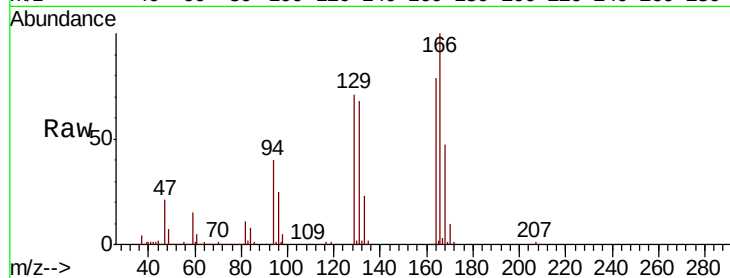
Ion Ratio Lower Upper

164 100

166 127.1 99.4 149.0

129 89.7 71.8 107.6

131 86.0 69.8 104.6

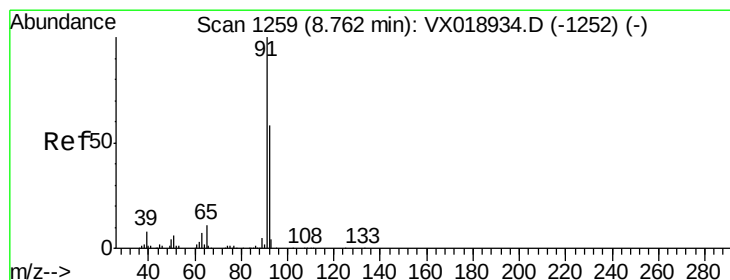
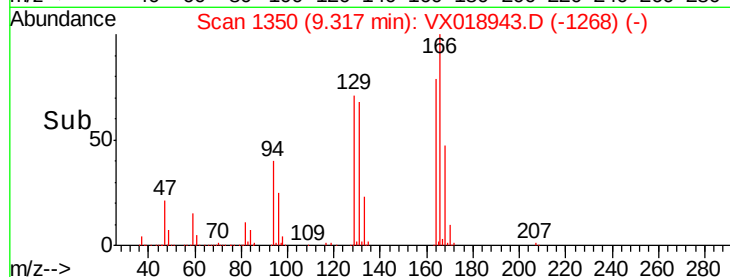
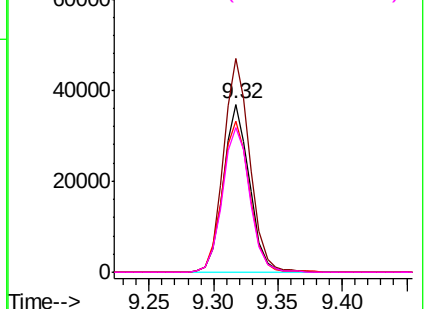


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 17.901 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018943.D

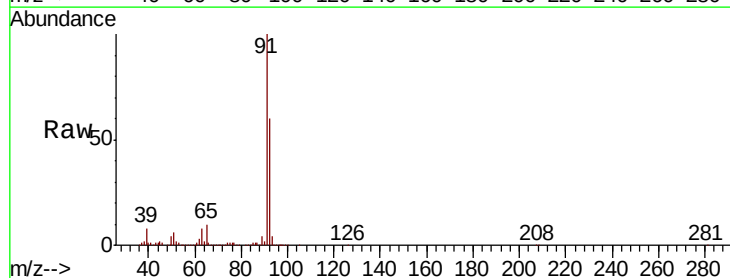
Acq: 15 Oct 2020 19:29

Tgt Ion: 91 Resp: 235620

Ion Ratio Lower Upper

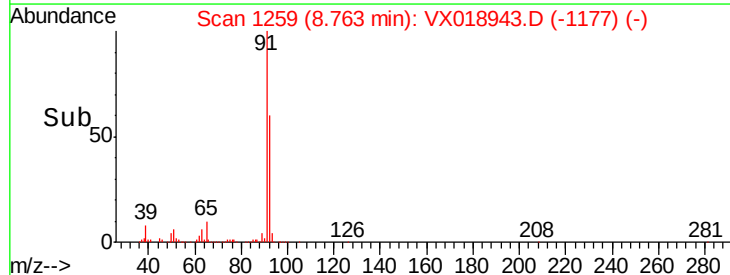
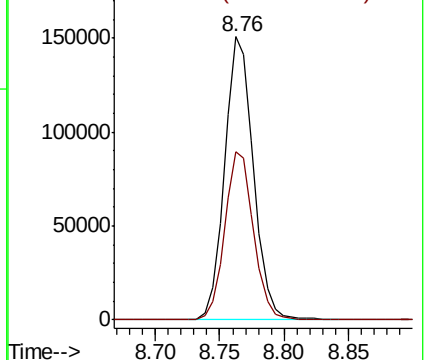
91 100

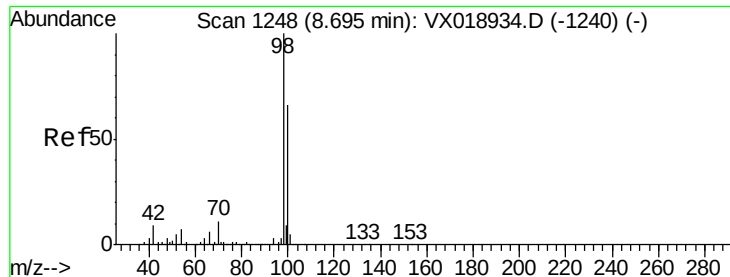
92 59.6 47.1 70.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.741 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

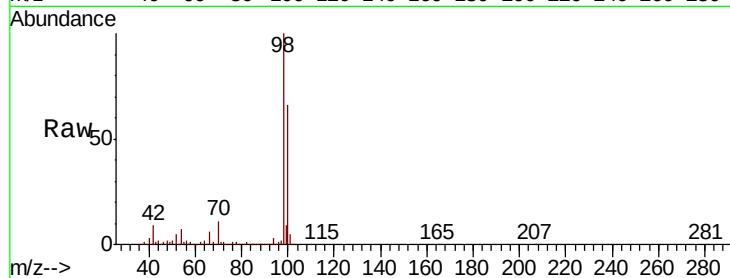
VX1015WBSD01

Tot Ion: 98 Resp: 319149

Ion Ratio Lower Upper

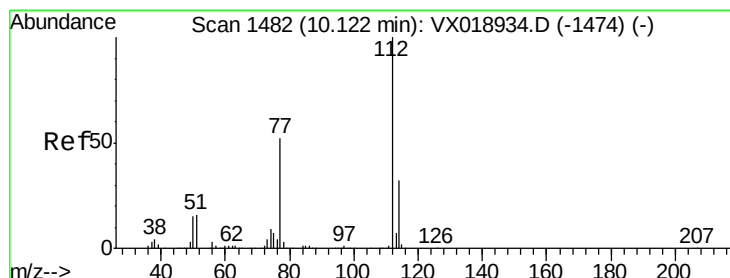
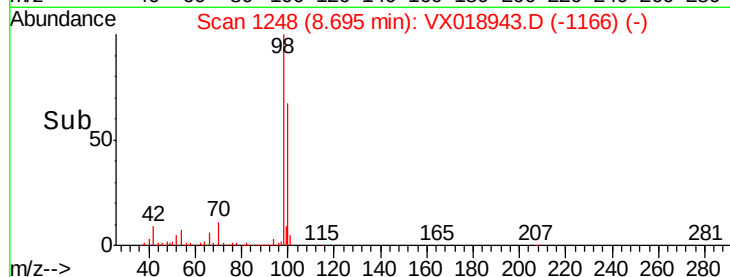
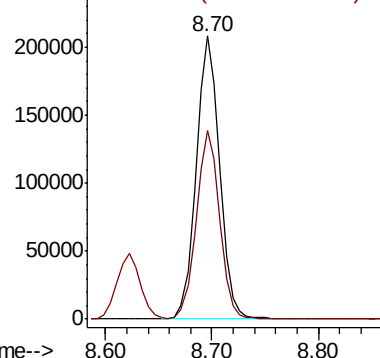
98 100

100 66.0 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 18.371 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018943.D

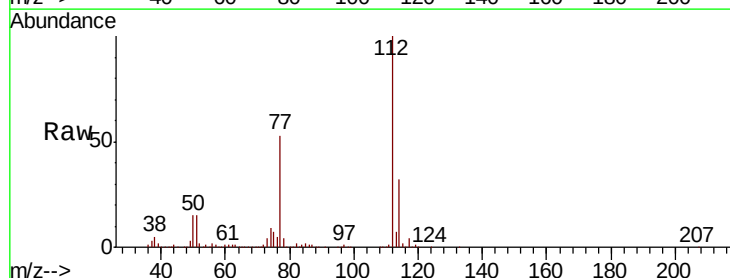
Acq: 15 Oct 2020 19:29

Tgt Ion: 112 Resp: 153813

Ion Ratio Lower Upper

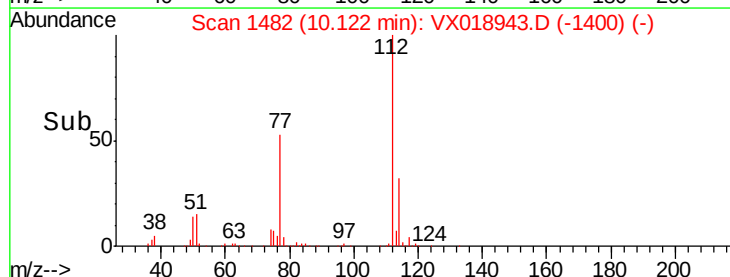
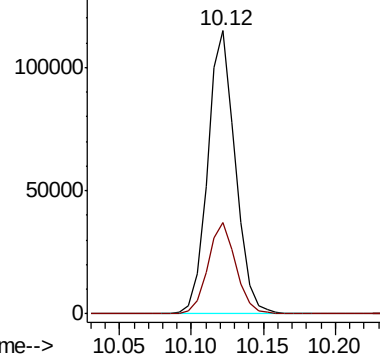
112 100

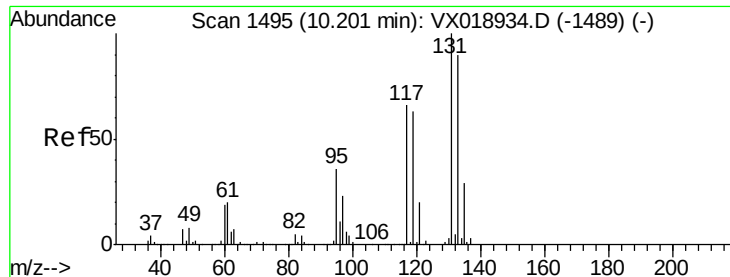
114 32.3 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 18.498 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

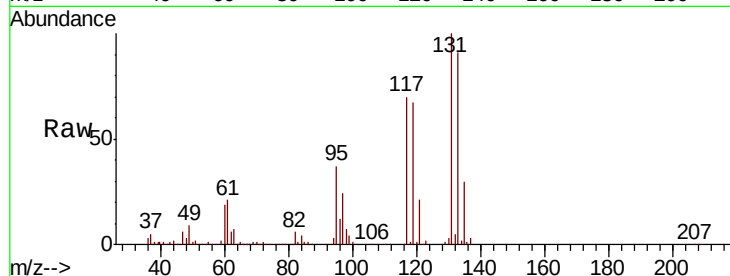
Tot Ion:131 Resp: 60113

Ion Ratio Lower Upper

131 100

133 94.6 0.0 188.8

119 64.8 0.0 127.2

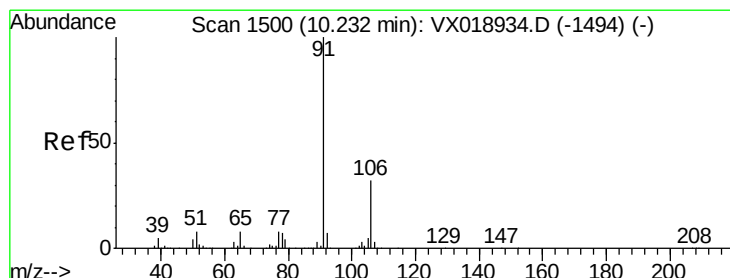
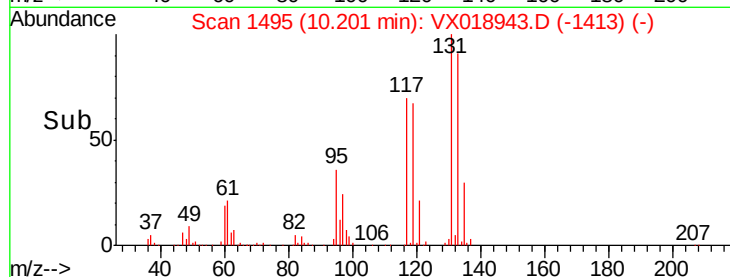
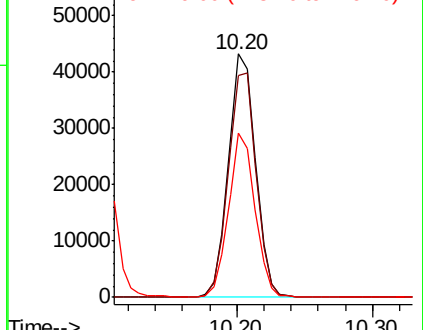


Abundance

Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.283 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018943.D

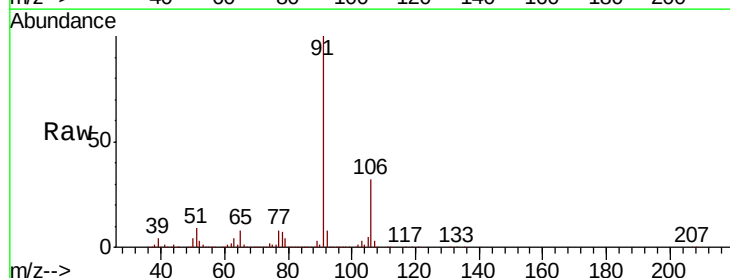
Acq: 15 Oct 2020 19:29

Tgt Ion: 91 Resp: 266700

Ion Ratio Lower Upper

91 100

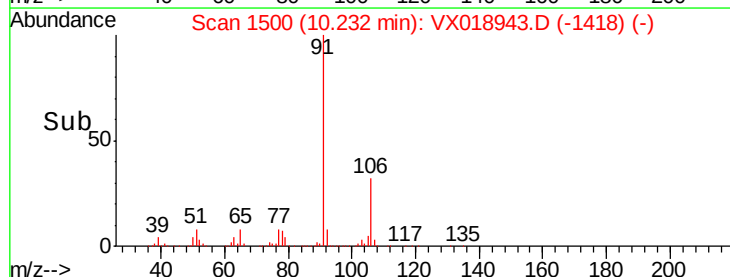
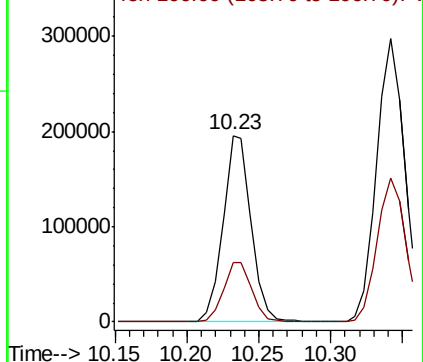
106 31.5 25.3 37.9

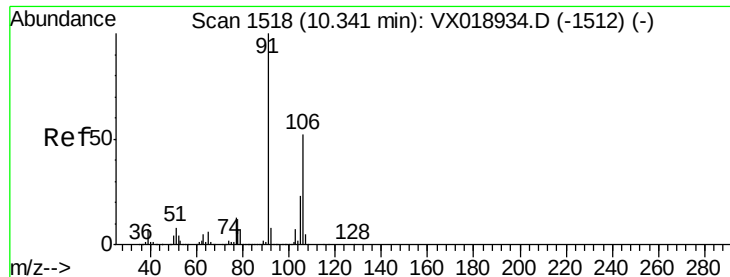


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

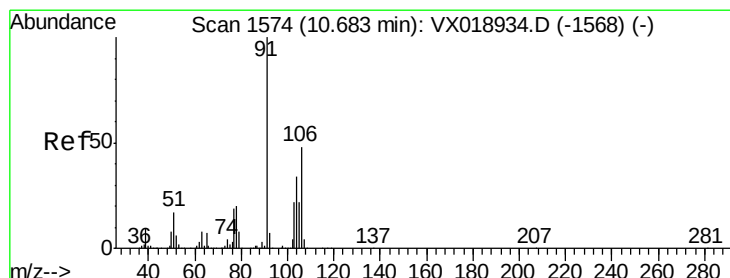
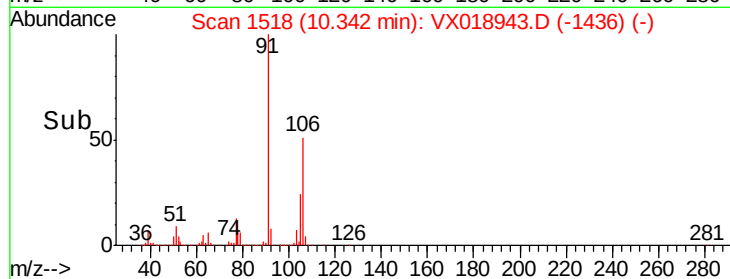
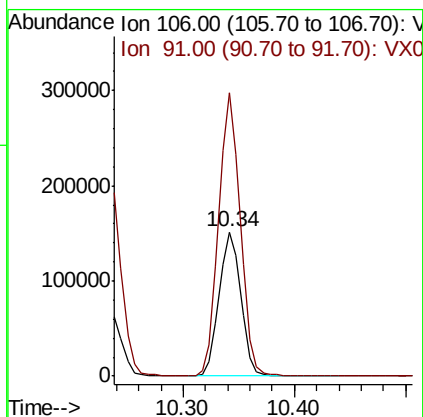
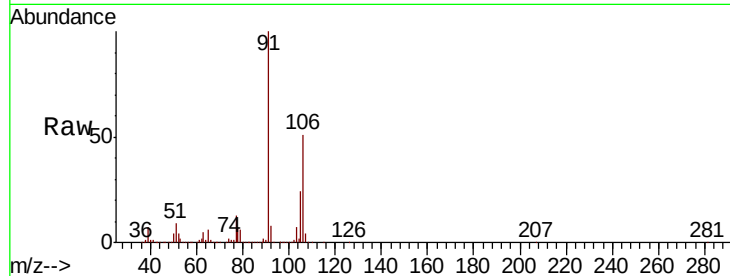




#67
m/p-Xylenes
Concen: 35.959 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

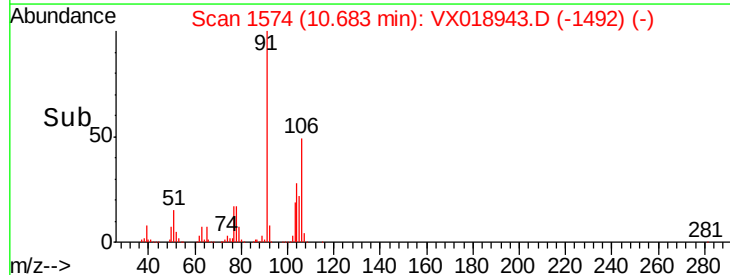
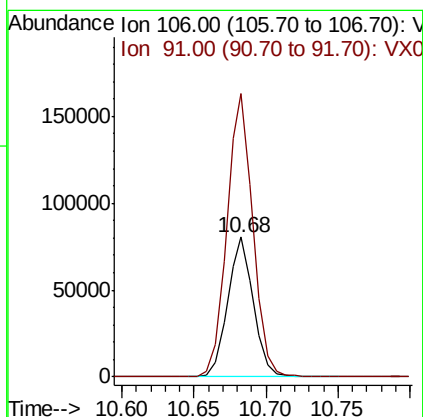
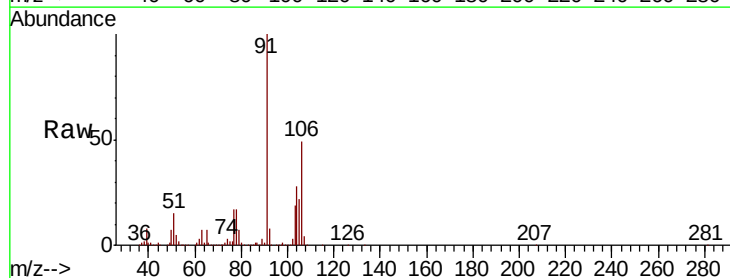
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

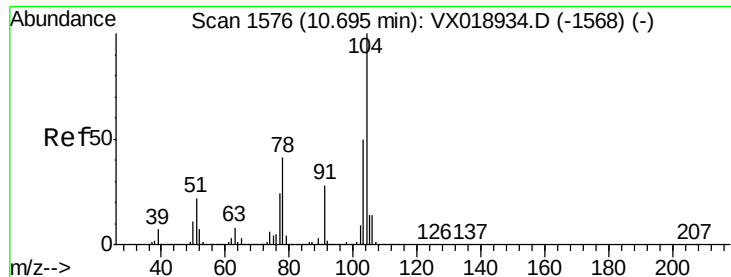
Tot Ion:106 Resp: 205513
Ion Ratio Lower Upper
106 100
91 195.2 155.7 233.5



#68
o-Xylene
Concen: 18.632 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion:106 Resp: 100704
Ion Ratio Lower Upper
106 100
91 204.9 103.3 309.9





#69

Stvrene

Concen: 18.222 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampled :

VX1015WBSD01

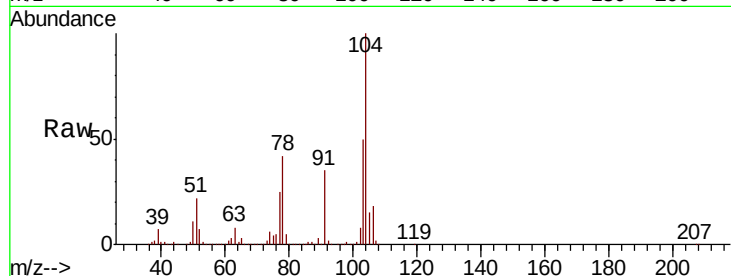
Tot Ion:104 Resp: 169304

Ion Ratio Lower Upper

104 100

78 46.4 37.8 56.6

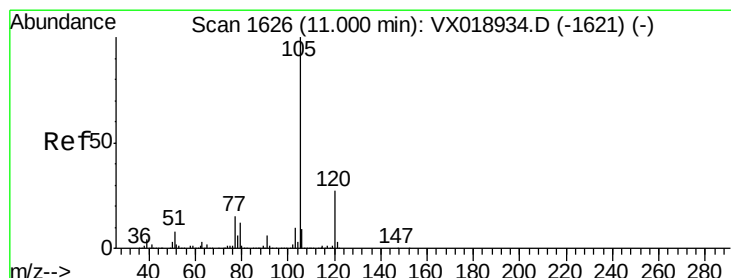
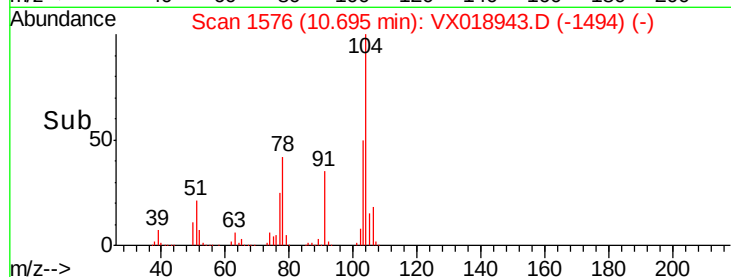
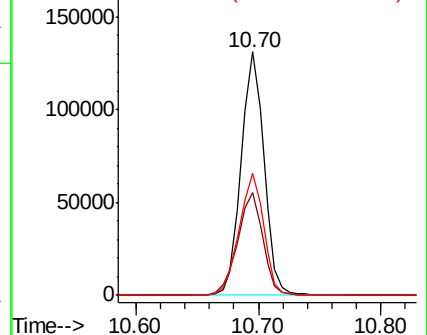
103 54.2 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.314 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018943.D

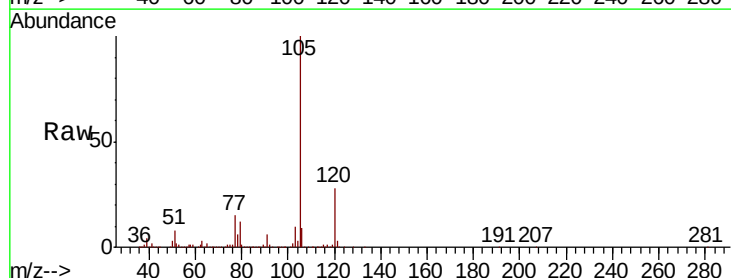
Acq: 15 Oct 2020 19:29

Tgt Ion:105 Resp: 262995

Ion Ratio Lower Upper

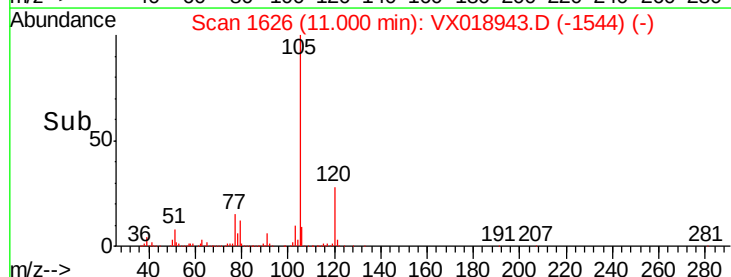
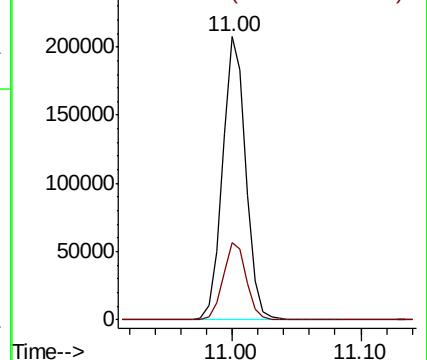
105 100

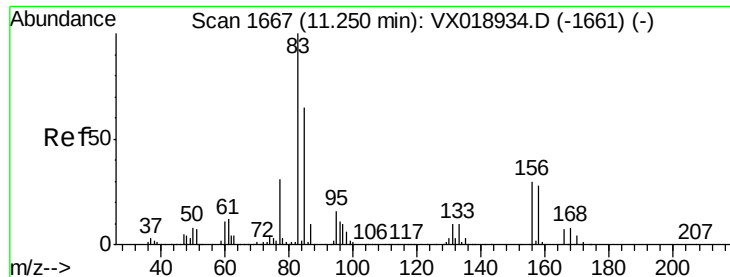
120 27.4 19.4 36.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 18.289 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

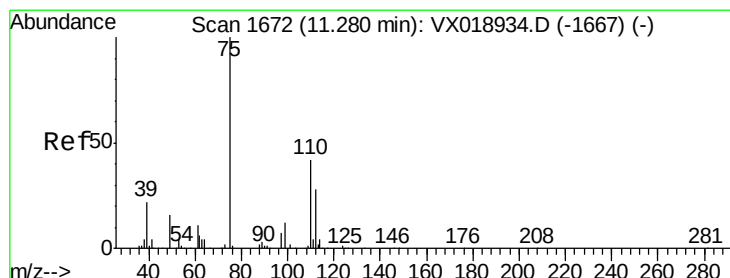
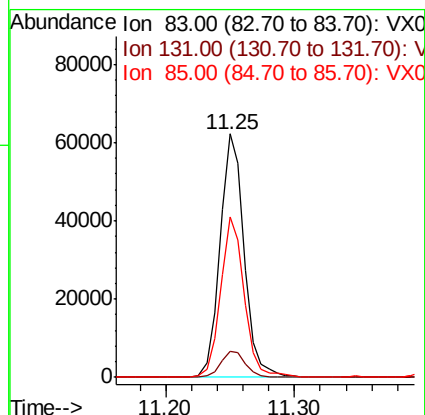
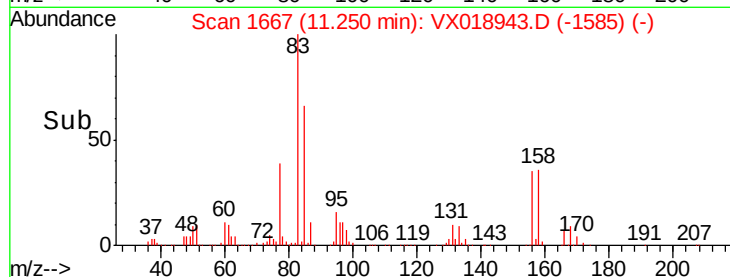
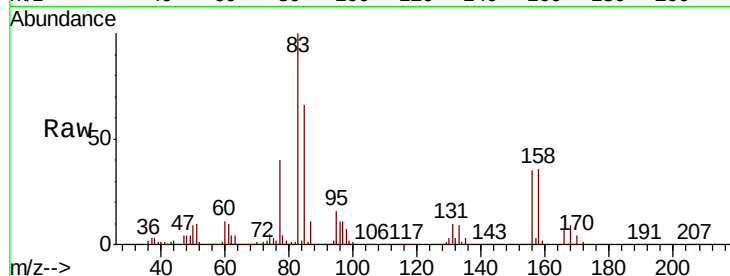
Tot Ion: 83 Resp: 81809

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

85 64.8 32.3 96.8



#72

1,2,3-Trichloropropane

Concen: 24.139 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018943.D

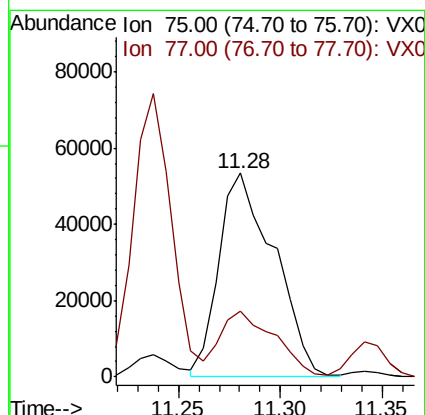
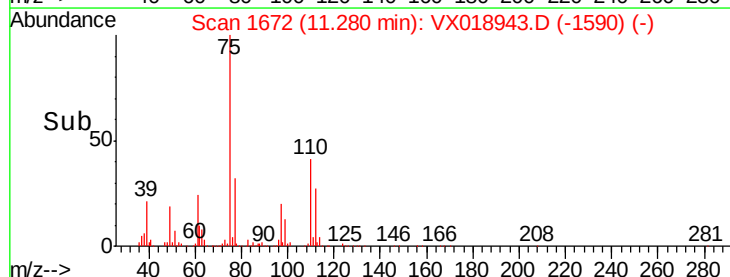
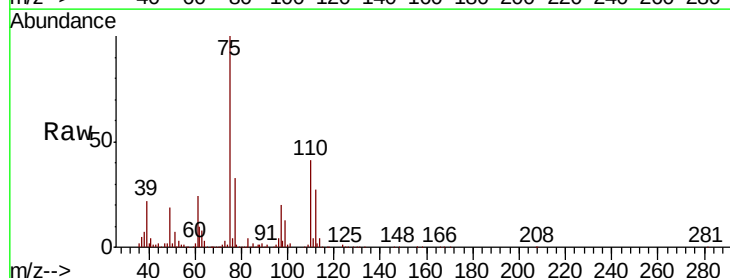
Acq: 15 Oct 2020 19:29

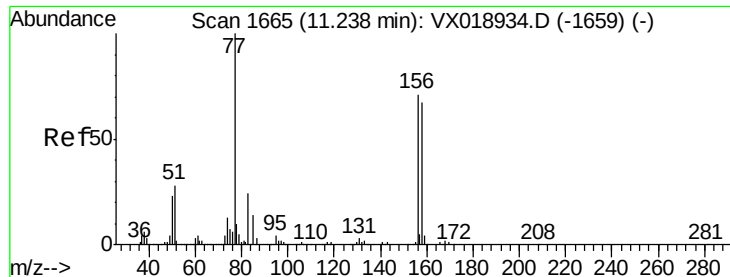
Tgt Ion: 75 Resp: 100885

Ion Ratio Lower Upper

75 100

77 29.9 0.0 75.8





#73

Bromobenzene

Concen: 18.315 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

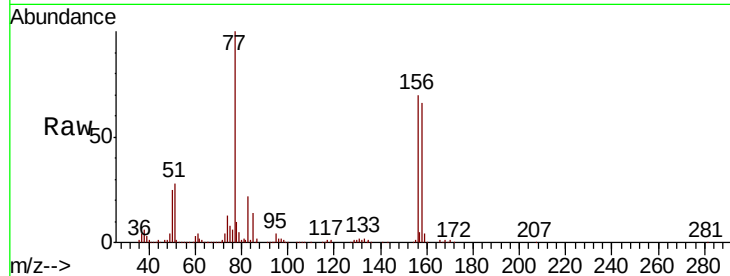
Tot Ion:156 Resp: 67723

Ion Ratio Lower Upper

156 100

77 142.9 0.0 288.2

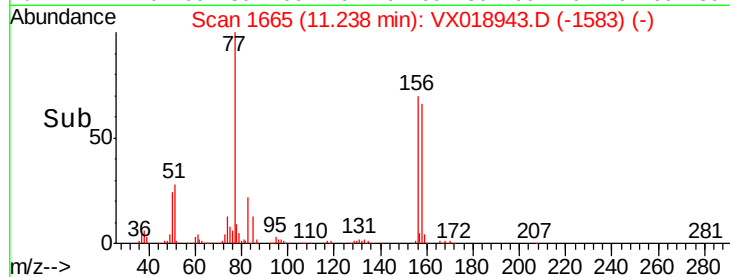
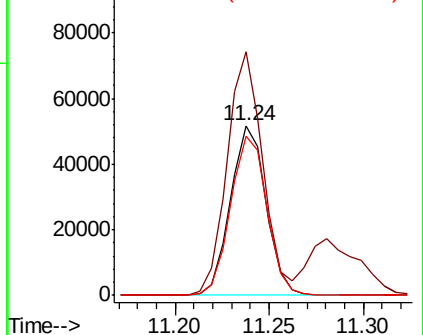
158 95.7 0.0 189.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.900 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018943.D

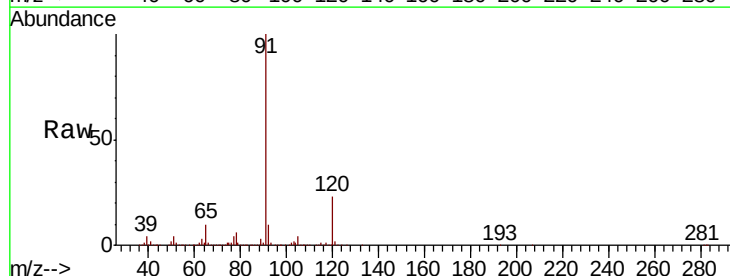
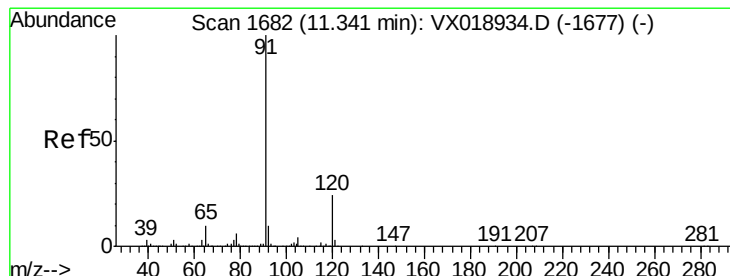
Acq: 15 Oct 2020 19:29

Tgt Ion: 91 Resp: 292810

Ion Ratio Lower Upper

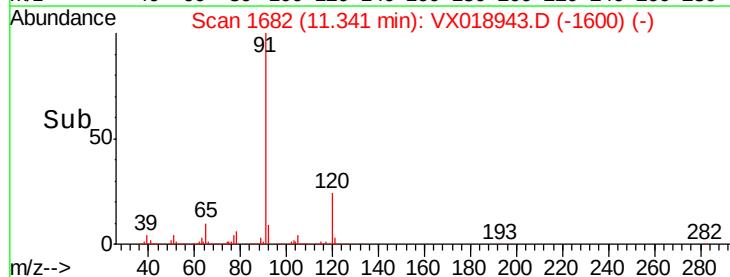
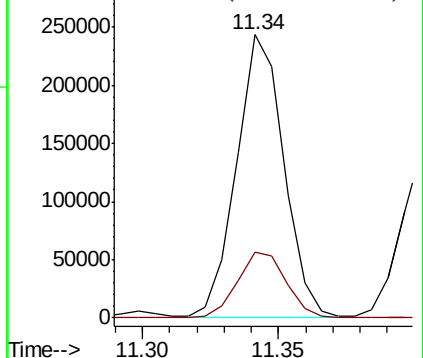
91 100

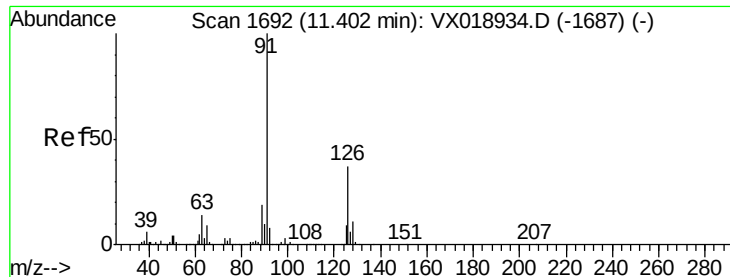
120 24.2 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.138 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampled :

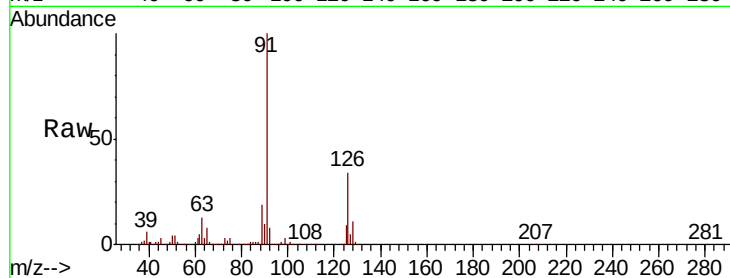
VX1015WBSD01

Tot Ion: 91 Resp: 171507

Ion Ratio Lower Upper

91 100

126 35.6 0.0 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX018943.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX018943.D (-1687) (-)

250000

200000

150000

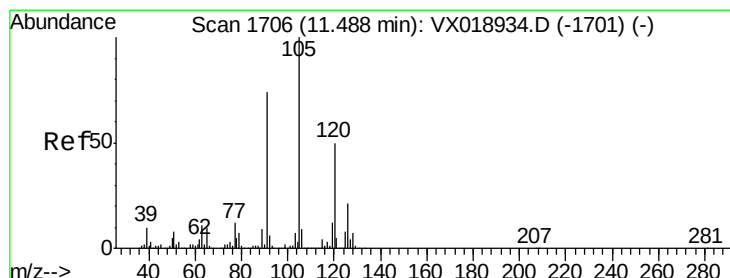
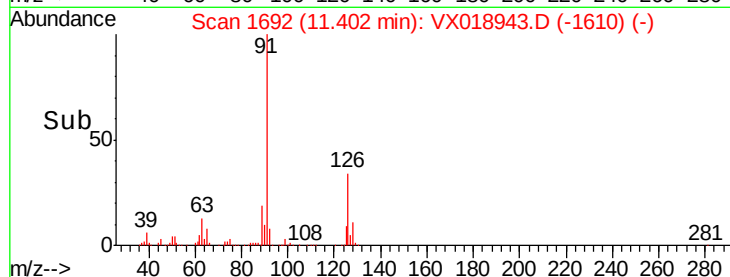
100000

50000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.034 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018943.D

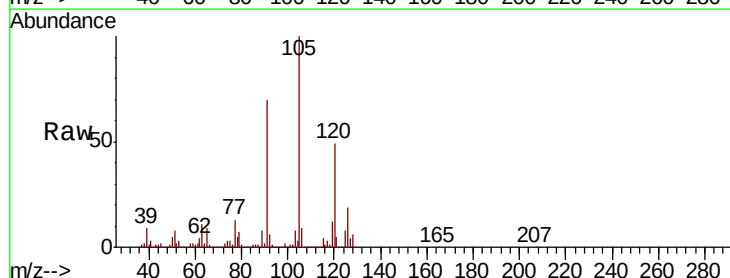
Acq: 15 Oct 2020 19:29

Tgt Ion: 105 Resp: 216877

Ion Ratio Lower Upper

105 100

120 50.1 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): VX018943.D (-1624) (-)

Ion 120.00 (119.70 to 120.70): VX018943.D (-1624) (-)

200000

150000

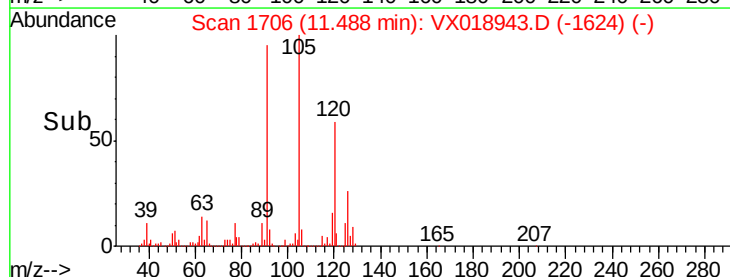
100000

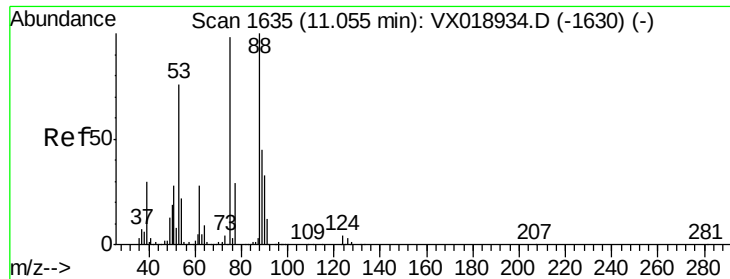
50000

0

11.45 11.50 11.55

Time-->

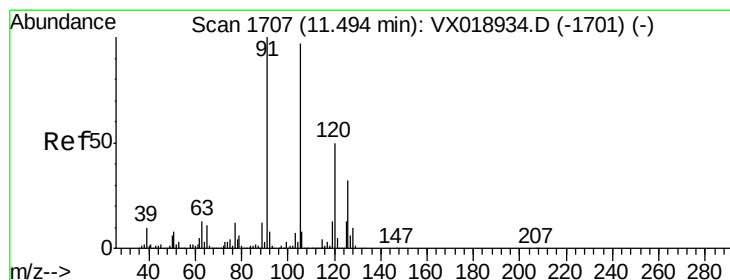
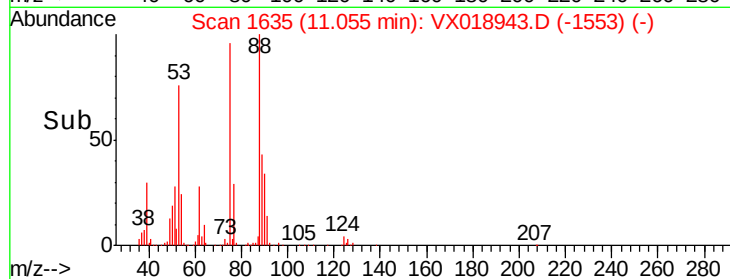
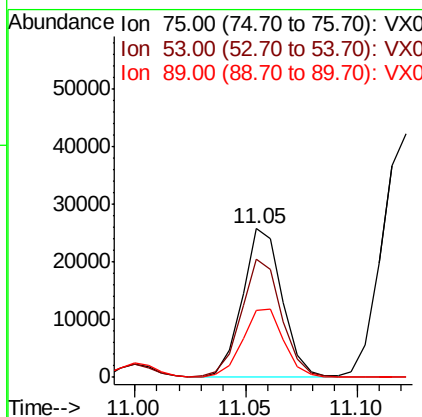
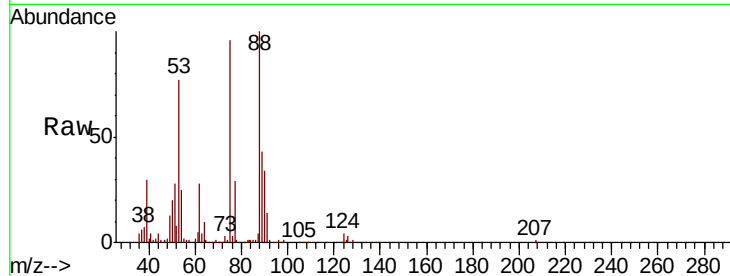




#77
t-1,4-Dichloro-2-butene
Concen: 17.650 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

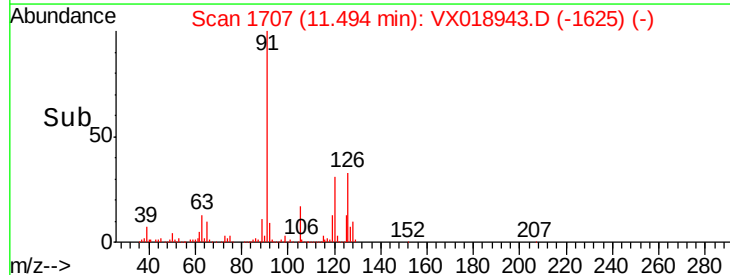
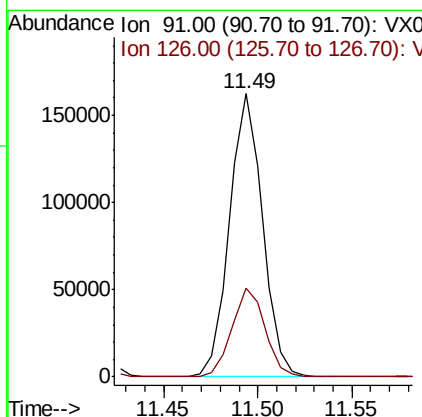
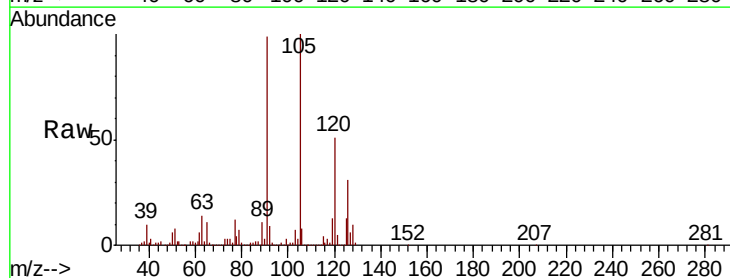
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

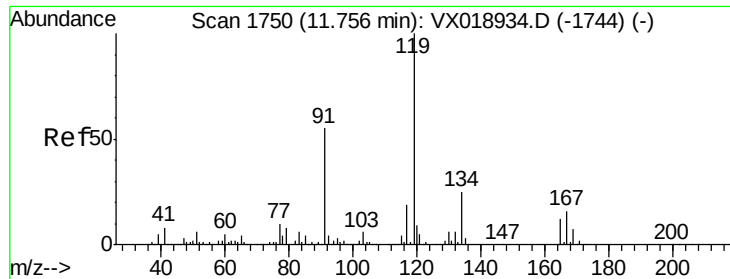
Tot Ion: 75 Resp: 31937
Ion Ratio Lower Upper
75 100
53 79.6 38.8 116.3
89 44.6 22.9 68.8



#78
4-Chlorotoluene
Concen: 17.729 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion: 91 Resp: 197385
Ion Ratio Lower Upper
91 100
126 31.6 0.0 63.6

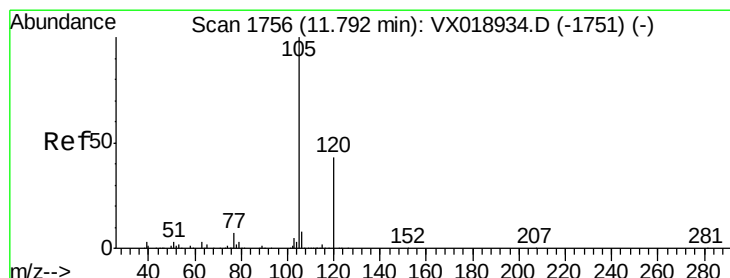
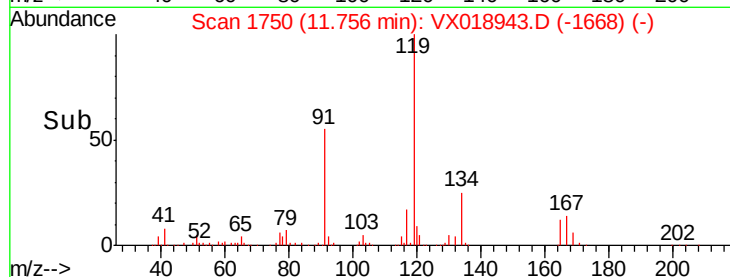
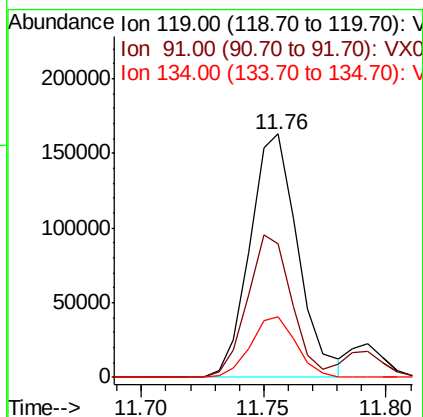
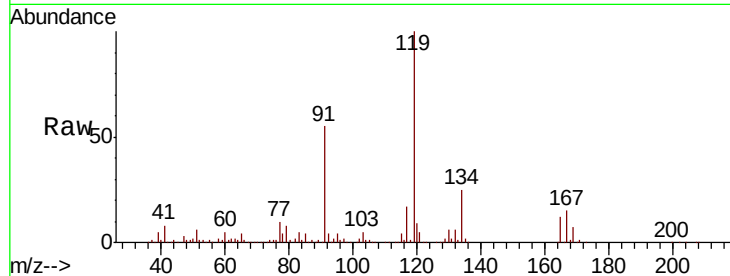




#79
 tert-butylbenzene
 Concen: 18.337 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

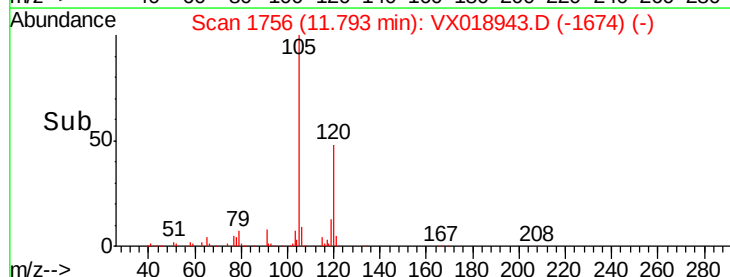
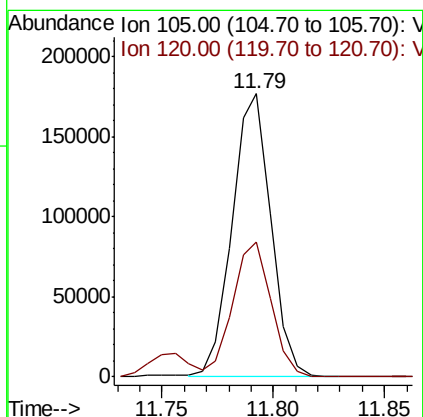
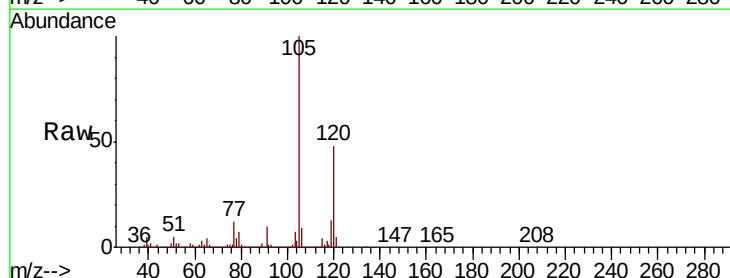
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

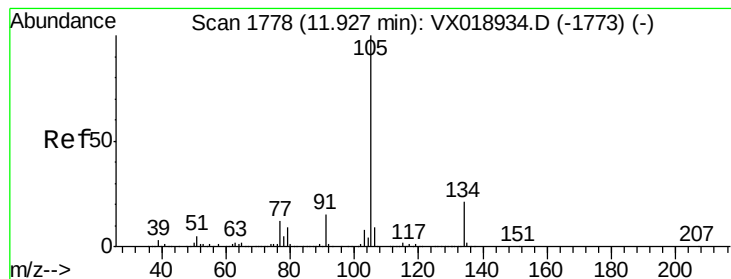
Tot Ion	Ratio	Lower	Upper
119	100		
91	54.0	0.0	110.0
134	23.5	0.0	47.4



#80
 1,2,4-Trimethylbenzene
 Concen: 17.797 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.7	0.0	93.0





#81

sec-Butylbenzene

Concen: 18.074 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

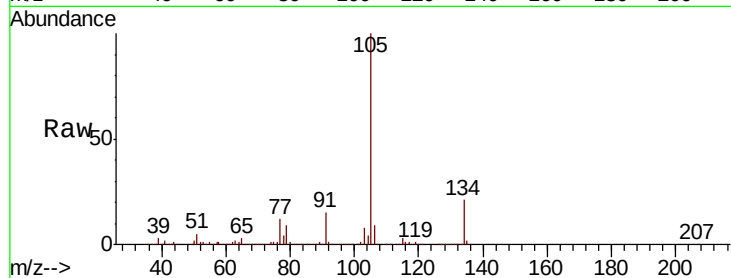
VX1015WBSD01

Tot Ion:105 Resp: 252461

Ion Ratio Lower Upper

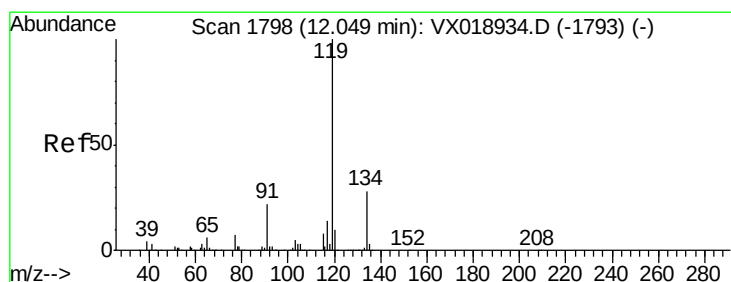
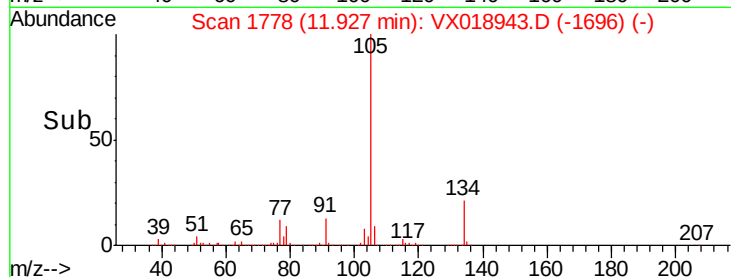
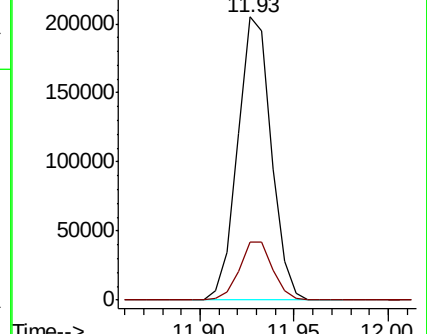
105 100

134 20.6 0.0 42.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 17.636 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

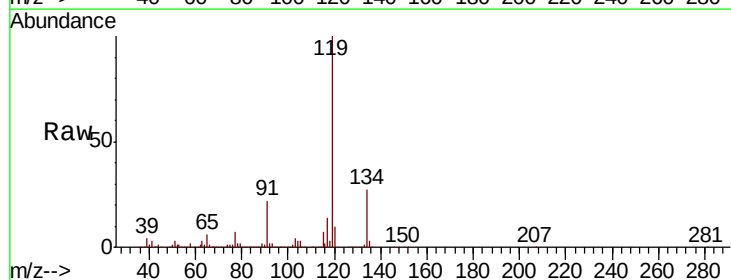
Tgt Ion:119 Resp: 229629

Ion Ratio Lower Upper

119 100

134 27.3 0.0 54.8

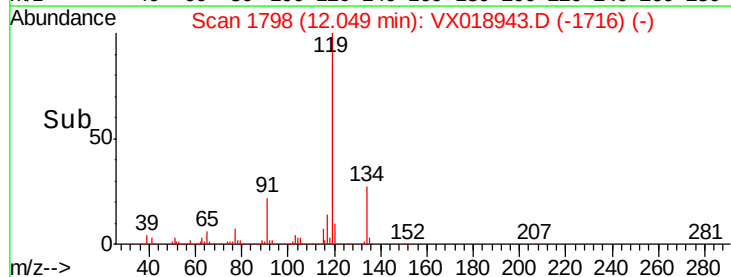
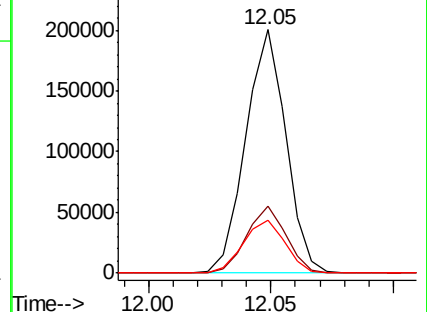
91 22.5 0.0 45.4

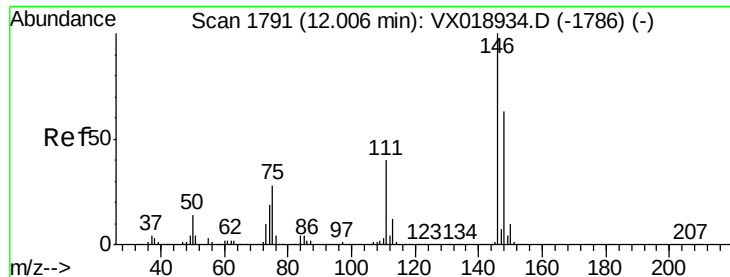


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

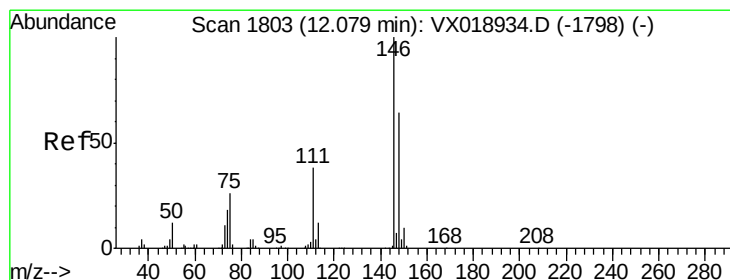
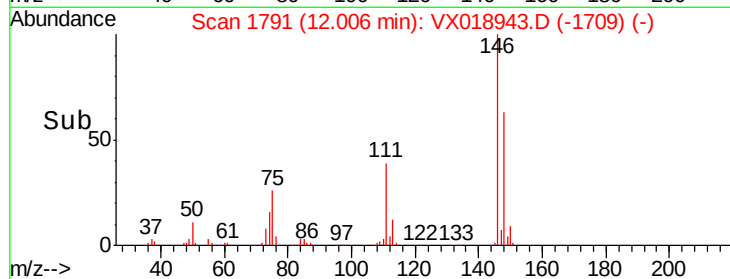
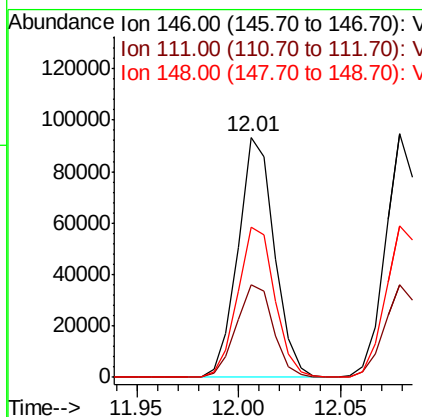
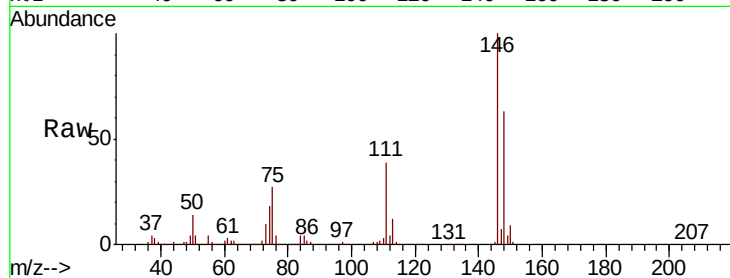




#83
 1,3-Dichlorobenzene
 Concen: 17.536 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

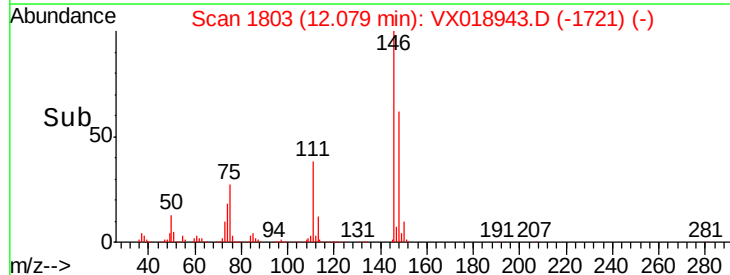
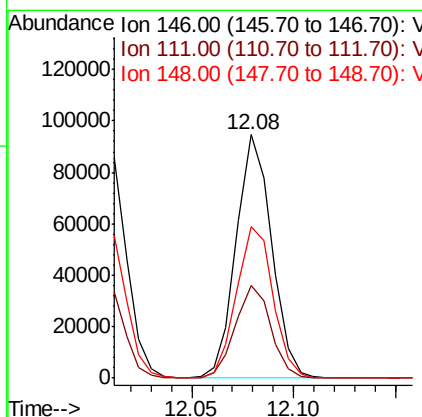
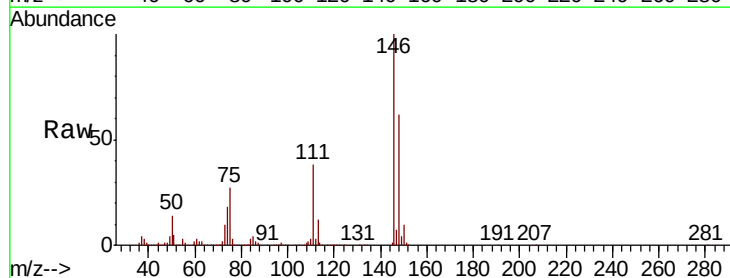
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

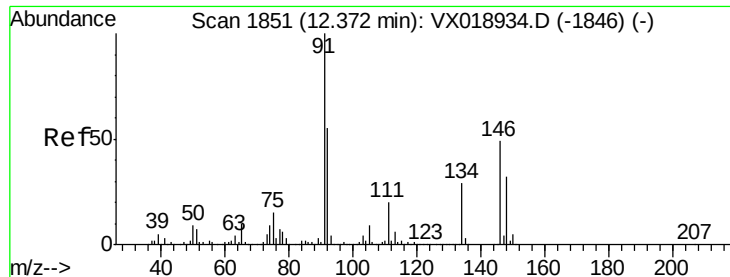
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	63.9	31.9	95.5



#84
 1,4-Dichlorobenzene
 Concen: 17.182 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	55.6
148	64.2	32.1	96.5





#85

n-Butylbenzene

Concen: 16.699 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

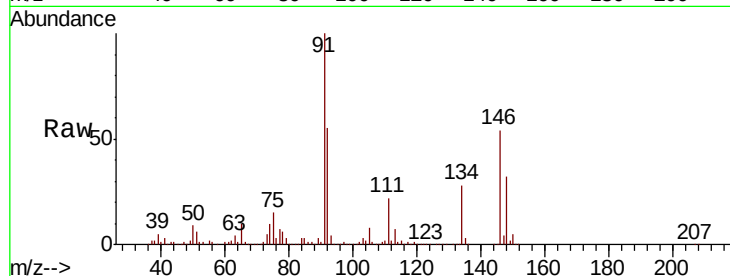
Tot Ion: 91 Resp: 194564

Ion Ratio Lower Upper

91 100

92 54.9 0.0 109.6

134 28.1 0.0 56.4

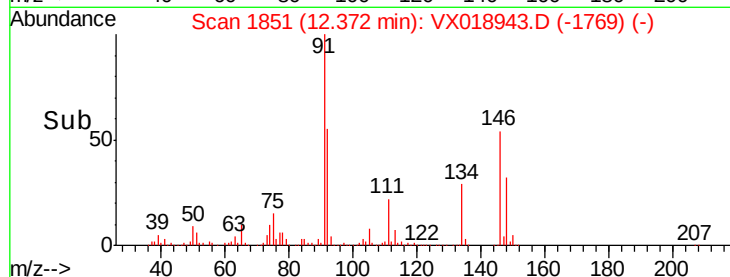


Abundance Ion 91.00 (90.70 to 91.70): VX018943.D (-1846) (-)

Ion 92.00 (91.70 to 92.70): VX018943.D (-1846) (-)

Ion 134.00 (133.70 to 134.70): VX018943.D (-1846) (-)

Time-->

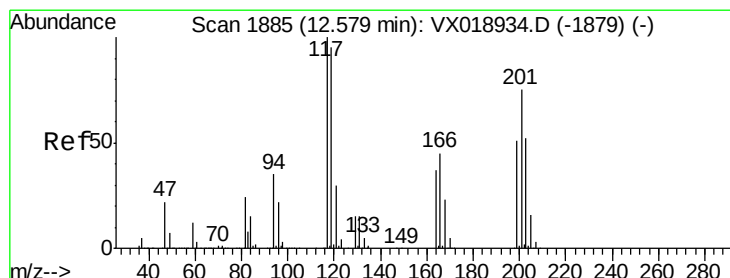


Abundance Ion 91.00 (90.70 to 91.70): VX018943.D (-1769) (-)

Ion 92.00 (91.70 to 92.70): VX018943.D (-1769) (-)

Ion 134.00 (133.70 to 134.70): VX018943.D (-1769) (-)

Time-->



#86

Hexachloroethane

Concen: 18.119 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018943.D

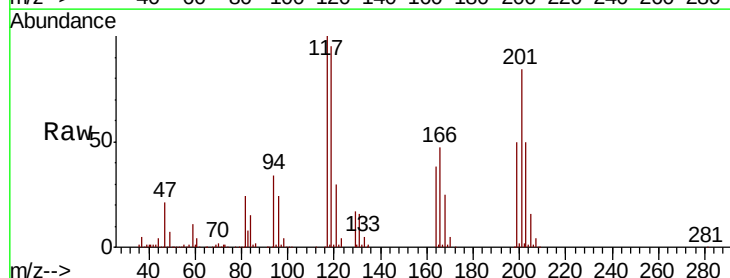
Acq: 15 Oct 2020 19:29

Tgt Ion: 117 Resp: 40024

Ion Ratio Lower Upper

117 100

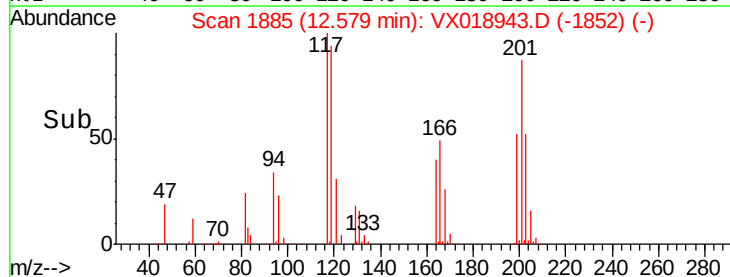
201 80.6 38.9 116.6



Abundance Ion 117.00 (116.70 to 117.70): VX018943.D (-1879) (-)

Ion 201.00 (200.70 to 201.70): VX018943.D (-1879) (-)

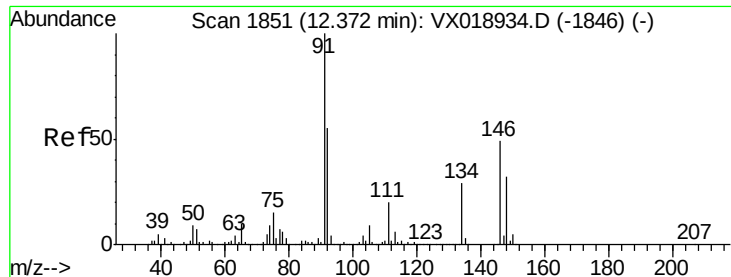
Time-->



Abundance Ion 117.00 (116.70 to 117.70): VX018943.D (-1852) (-)

Ion 201.00 (200.70 to 201.70): VX018943.D (-1852) (-)

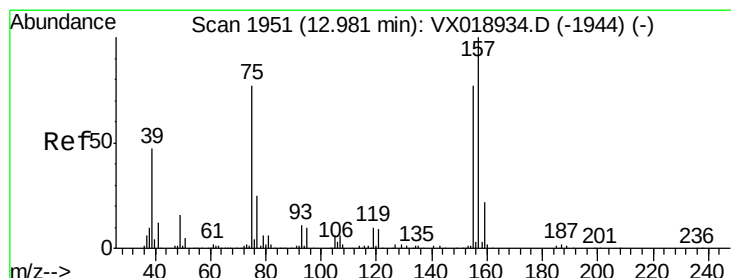
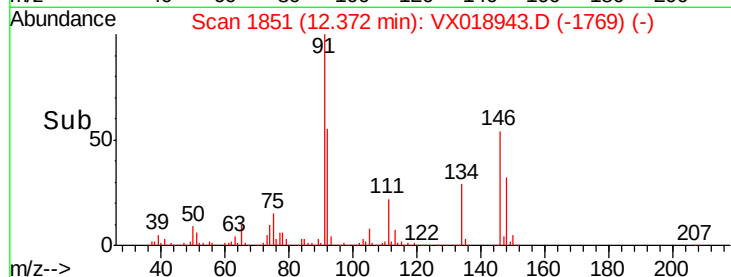
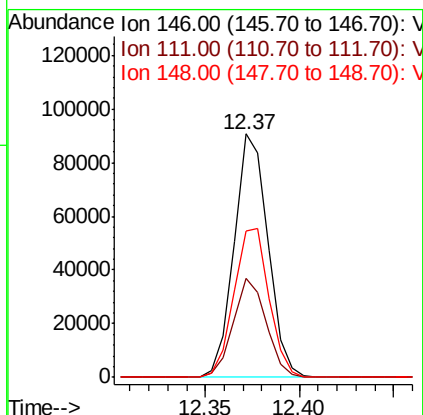
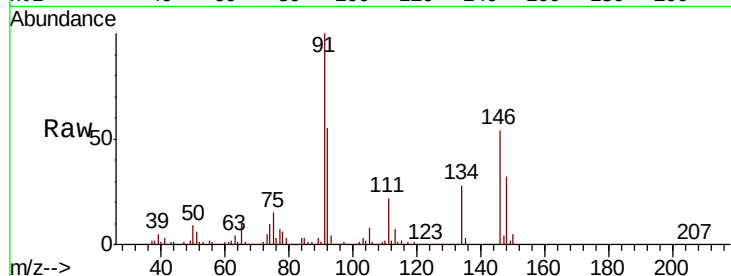
Time-->



#87
 1,2-Dichlorobenzene
 Concen: 17.772 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

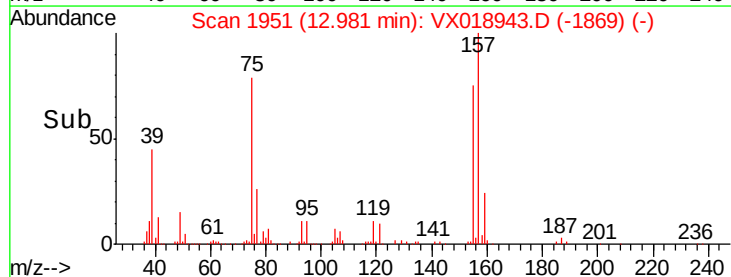
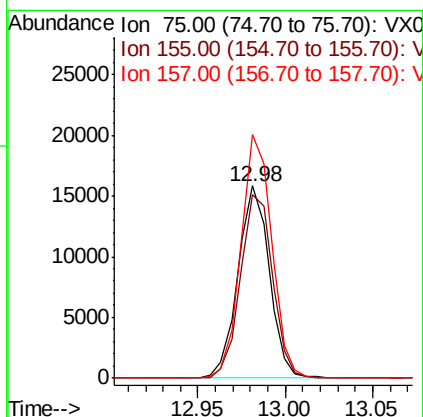
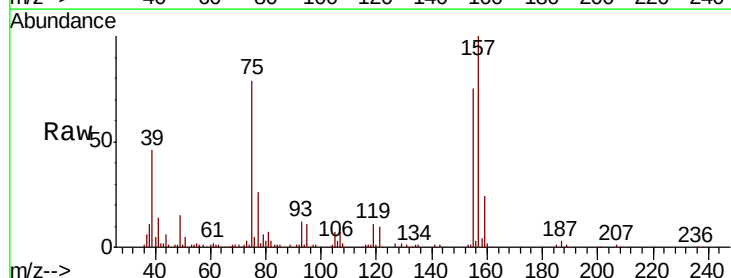
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

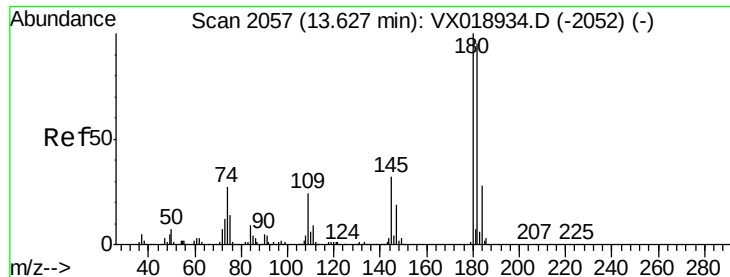
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.9	59.6
148	63.9	31.9	95.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.369 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	79.3	118.9
157	124.2	104.2	156.4

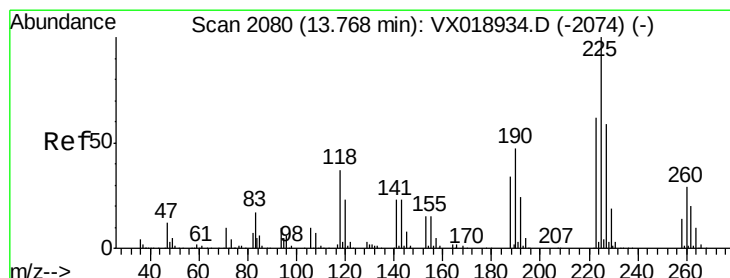
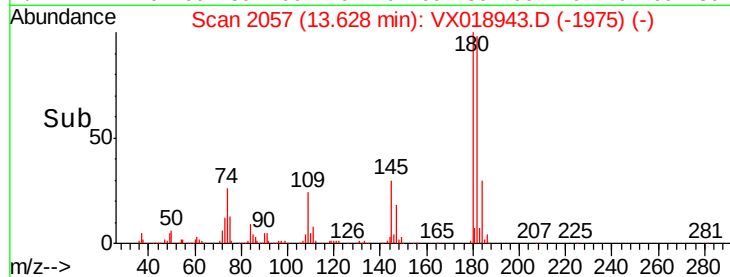
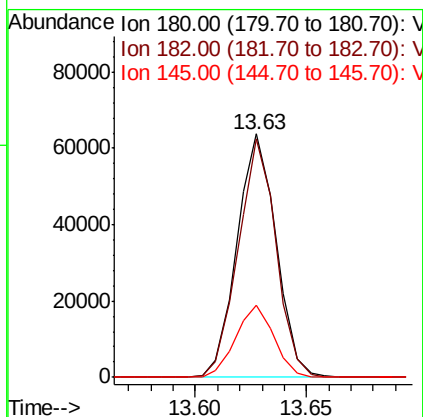
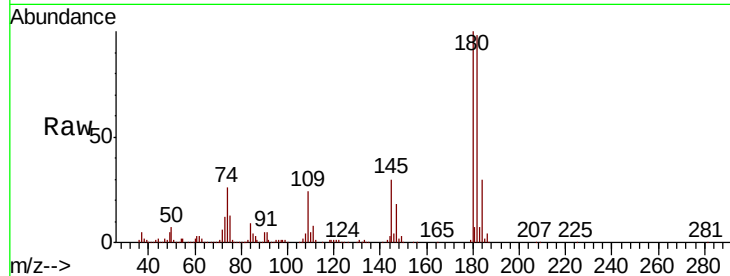




#89
 1,2,4-Trichlorobenzene
 Concen: 16.786 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

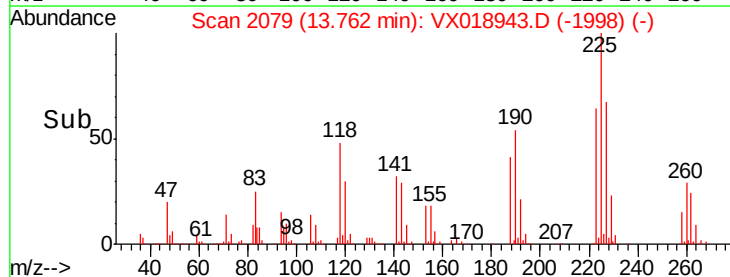
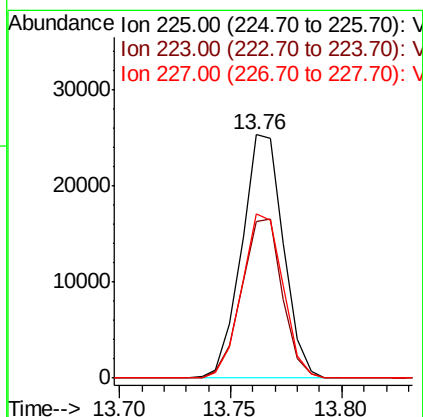
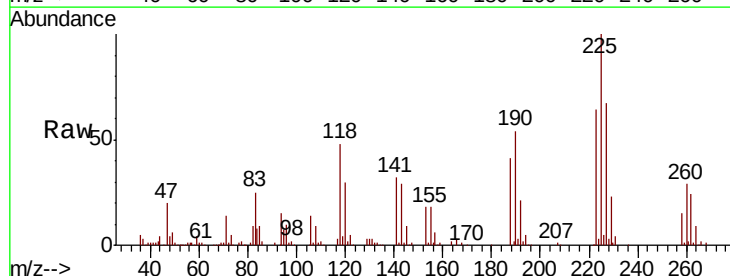
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

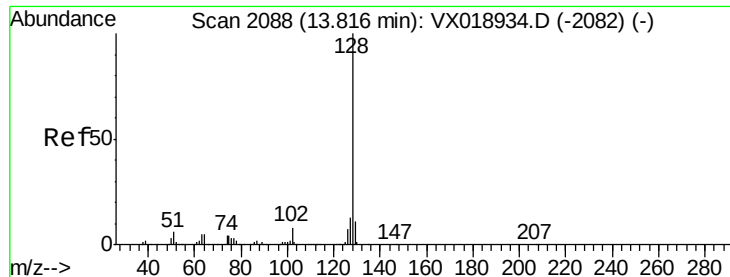
Tot Ion:180 Resp: 78055
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.4 113.2
 145 29.2 24.8 37.2



#90
 Hexachlorobutadiene
 Concen: 17.054 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion:225 Resp: 33127
 Ion Ratio Lower Upper
 225 100
 223 64.0 0.0 128.8
 227 66.6 0.0 123.2





#91

Naphthalene

Concen: 17.614 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

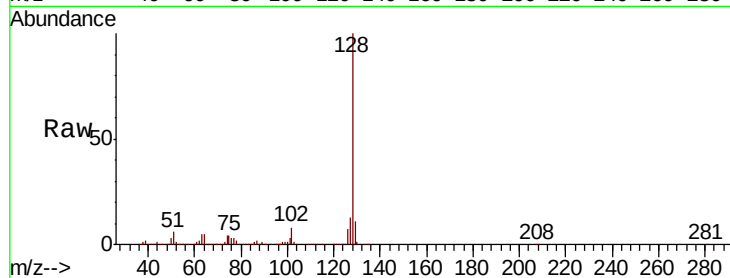
Tot Ion:128 Resp: 267112

Ion Ratio Lower Upper

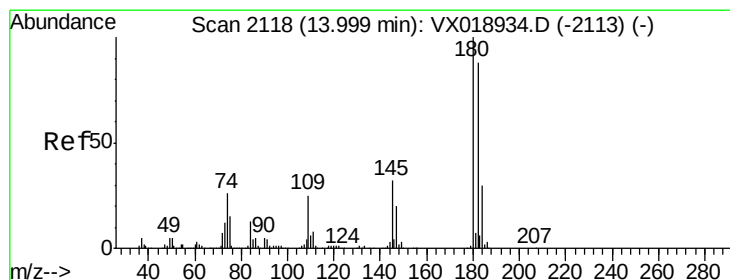
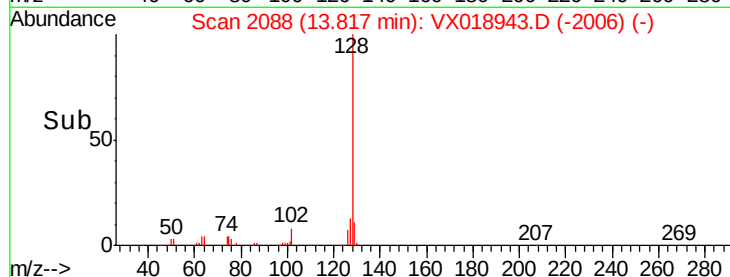
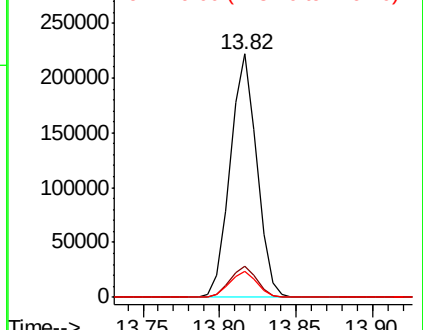
128 100

127 12.9 10.2 15.2

129 10.9 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



#92

1,2,3-Trichlorobenzene

Concen: 17.286 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

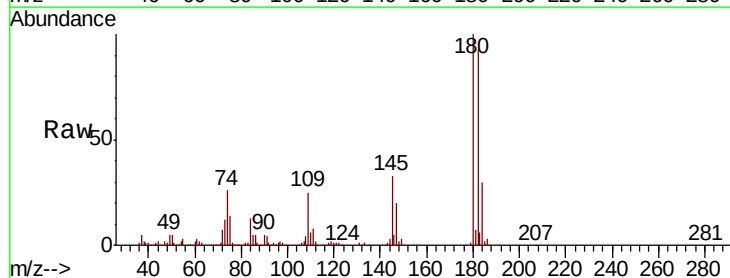
Tgt Ion:180 Resp: 78379

Ion Ratio Lower Upper

180 100

182 95.0 0.0 190.8

145 31.9 0.0 64.4



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

