

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019772.D
 Acq On : 09 Dec 2020 12:41
 Operator : JC/MD
 Sample : VX1209WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Quant Time: Dec 10 05:38:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	289556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	463393	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	428236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214398	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	179404	47.14	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.28%	
35) Dibromofluoromethane		5.46	113	144910	48.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.78%	
50) Toluene-d8		8.70	98	561000	49.07	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.14%	
62) 4-Bromofluorobenzene		11.12	95	209245	48.08	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	48464	18.281	ug/l	99
3) Chloromethane	1.31	50	50308	16.136	ug/l	96
4) Vinyl Chloride	1.39	62	60149	18.297	ug/l	98
5) Bromomethane	1.62	94	33720	30.892	ug/l	99
6) Chloroethane	1.71	64	38879	19.688	ug/l	97
7) Trichlorofluoromethane	1.92	101	85997	18.784	ug/l	97
8) Diethyl Ether	2.17	74	36808	18.972	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50018	19.061	ug/l	99
10) Methyl Iodide	2.49	142	54699	14.142	ug/l	100
11) Tert butyl alcohol	3.01	59	82771	104.271	ug/l	98
12) 1,1-Dichloroethene	2.36	96	48571	18.308	ug/l	98
13) Acrolein	2.27	56	34760	82.749	ug/l	100
14) Allyl chloride	2.70	41	81542	18.199	ug/l	99
15) Acrylonitrile	3.11	53	166165	96.584	ug/l	100
16) Acetone	2.42	43	140527	98.241	ug/l	99
17) Carbon Disulfide	2.55	76	128884	16.931	ug/l	99
18) Methyl Acetate	2.75	43	70229	20.063	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	191221	19.792	ug/l	99
20) Methylene Chloride	2.83	84	63067	18.414	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	57492	18.588	ug/l	99
22) Diisopropyl ether	3.82	45	175869	19.413	ug/l	96
23) Vinyl Acetate	3.78	43	756903	98.070	ug/l	100
24) 1,1-Dichloroethane	3.67	63	103094	18.872	ug/l	99
25) 2-Butanone	4.62	43	213370	97.074	ug/l	99
26) 2,2-Dichloropropane	4.54	77	86754	18.441	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	67832	18.740	ug/l	99
28) Bromochloromethane	4.97	49	46258	17.763	ug/l	99
29) Tetrahydrofuran	5.08	42	135196	95.467	ug/l	99
30) Chloroform	5.17	83	107561	19.149	ug/l	99
31) Cyclohexane	5.54	56	88610	18.718	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	92068	19.033	ug/l	100
36) 1,1-Dichloropropene	5.76	75	78229	18.682	ug/l	100
37) Ethyl Acetate	4.79	43	82338	19.475	ug/l	99
38) Carbon Tetrachloride	5.75	117	78230	19.078	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	92775	18.858	ug/l	95
40) Benzene	6.10	78	244245	19.095	ug/l	100
41) Methacrylonitrile	5.00	41	44019	18.963	ug/l	97
42) 1,2-Dichloroethane	6.15	62	85283	19.514	ug/l	100
43) Isopropyl Acetate	6.40	43	131380	19.114	ug/l	99
44) Trichloroethene	7.18	130	63424	18.898	ug/l	100
45) 1,2-Dichloropropane	7.48	63	62399	19.519	ug/l	99
46) Dibromomethane	7.63	93	42342	19.613	ug/l	99
47) Bromodichloromethane	7.87	83	82411	19.237	ug/l	98
48) Methyl methacrylate	7.74	41	64417	19.055	ug/l	100
49) 1,4-Dioxane	7.71	88	32286	394.251	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	413200	98.461	ug/l	100
52) Toluene	8.76	92	153532	19.191	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	89965	18.925	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	98309	19.035	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	64216	19.918	ug/l	98
56) Ethyl methacrylate	9.15	69	94277	19.328	ug/l	100
57) 1,3-Dichloropropane	9.35	76	106970	19.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	257645	99.707	ug/l	100
59) 2-Hexanone	9.47	43	314767	96.765	ug/l	100
60) Dibromochloromethane	9.56	129	63621	19.423	ug/l	99
61) 1,2-Dibromoethane	9.65	107	66609	19.457	ug/l	99
64) Tetrachloroethene	9.32	164	56532	19.685	ug/l	96
65) Chlorobenzene	10.12	112	164152	19.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	59644	19.423	ug/l	99
67) Ethyl Benzene	10.23	91	291121	19.223	ug/l	100
68) m/p-Xylenes	10.34	106	222723	39.030	ug/l	99
69) o-Xylene	10.68	106	105917	19.295	ug/l	100
70) Styrene	10.70	104	176775	19.079	ug/l	99
71) Bromoform	10.84	173	45900	19.001	ug/l	98
73) Isopropylbenzene	11.00	105	284029	19.391	ug/l	100
74) N-amyl acetate	10.88	43	108021	18.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	101394	19.634	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	113371	23.577	ug/l	89
77) Bromobenzene	11.24	156	71735	19.137	ug/l	99
78) n-propylbenzene	11.34	91	323433	19.333	ug/l	99
79) 2-Chlorotoluene	11.40	91	198710	19.288	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	239151	19.345	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	30435	18.297	ug/l	95
82) 4-Chlorotoluene	11.49	91	229735	19.040	ug/l	99
83) tert-Butylbenzene	11.75	119	235384	19.414	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	246072	19.761	ug/l	99
85) sec-Butylbenzene	11.93	105	272132	19.659	ug/l	100
86) p-Isopropyltoluene	12.05	119	247553	19.513	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	130881	19.024	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	130993	18.694	ug/l	99
89) n-Butylbenzene	12.37	91	210375	18.717	ug/l	100
90) Hexachloroethane	12.58	117	41098	18.764	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	128995	19.234	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20484	18.451	ug/l	97

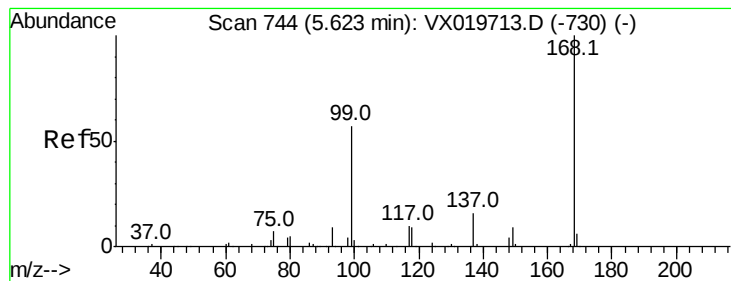
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	80274	18.387	ug/l	97
94) Hexachlorobutadiene	13.76	225	36664	18.790	ug/l	99
95) Naphthalene	13.82	128	269185	19.019	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	80402	18.845	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

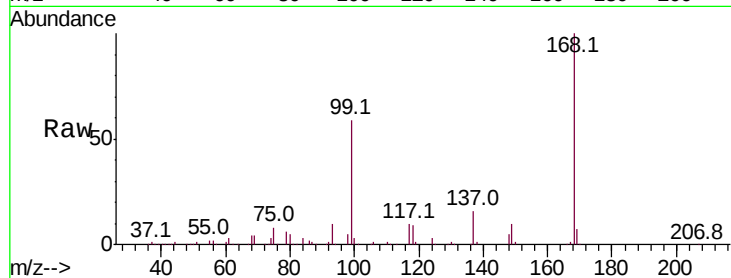
VX1209WBSD01

Tot Ion:168 Resp: 289556

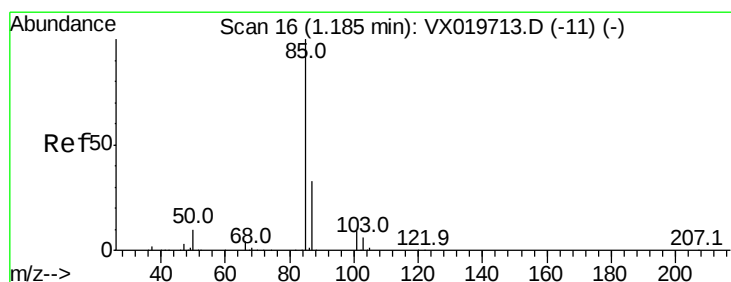
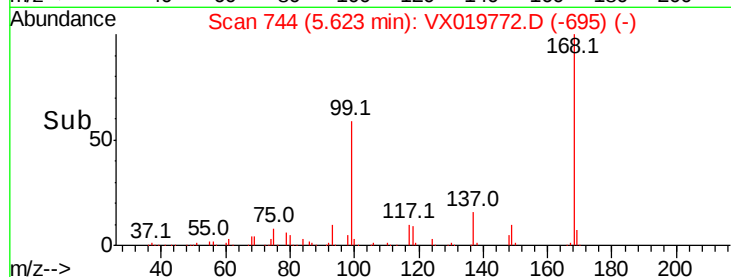
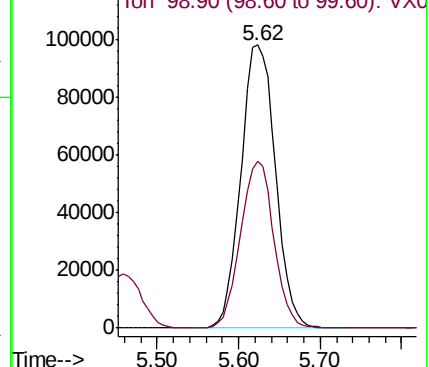
Ion Ratio Lower Upper

168 100

99 58.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V



#2

Dichlorodifluoromethane

Concen: 18.281 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019772.D

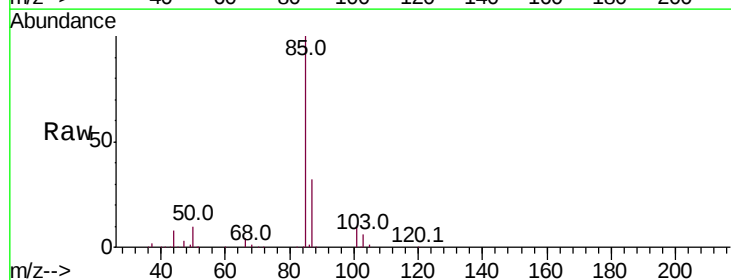
Acq: 09 Dec 2020 12:41

Tgt Ion: 85 Resp: 48464

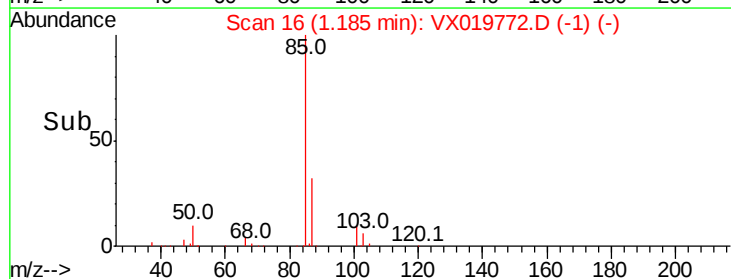
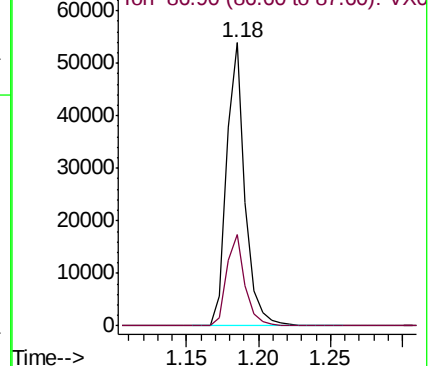
Ion Ratio Lower Upper

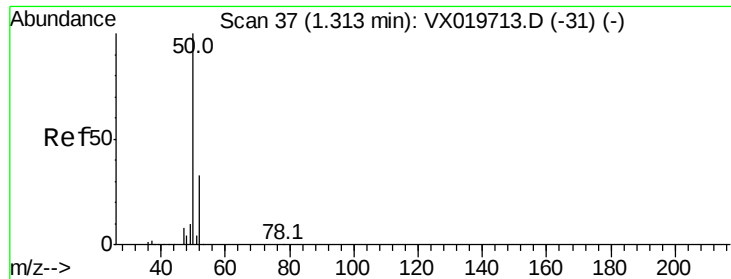
85 100

87 32.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0





#3

Chloromethane

Concen: 16.136 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

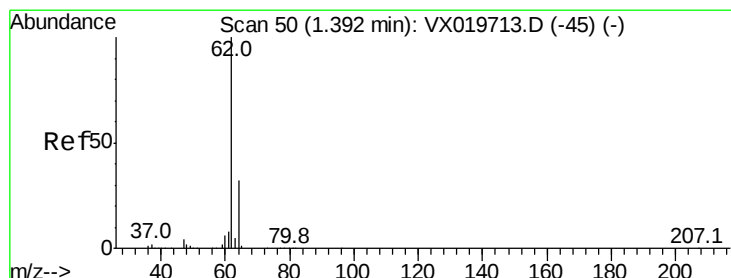
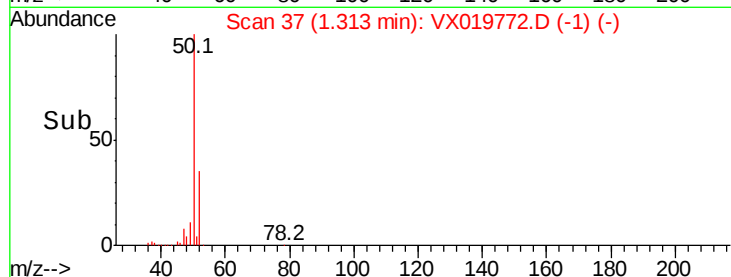
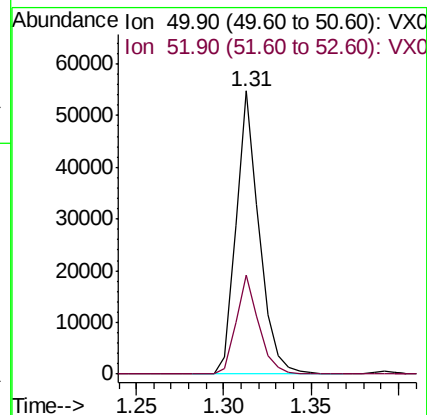
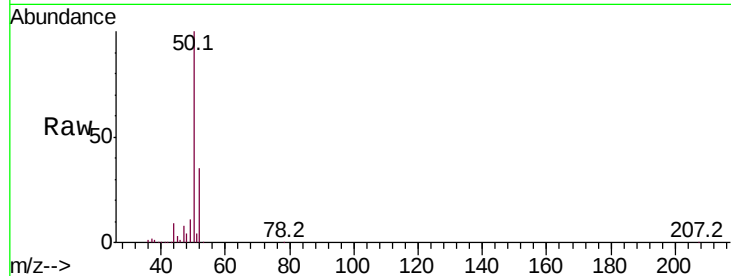
VX1209WBSD01

Tot Ion: 50 Resp: 50308

Ion Ratio Lower Upper

50 100

52 35.0 26.4 39.6



#4

Vinyl Chloride

Concen: 18.297 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019772.D

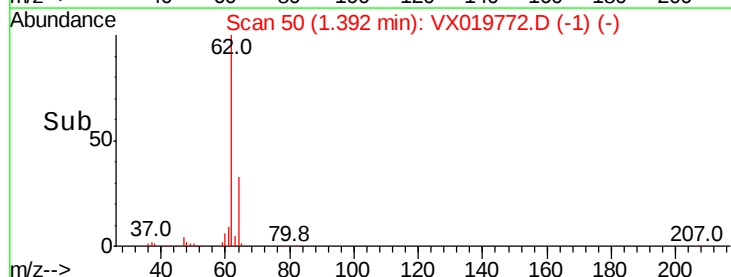
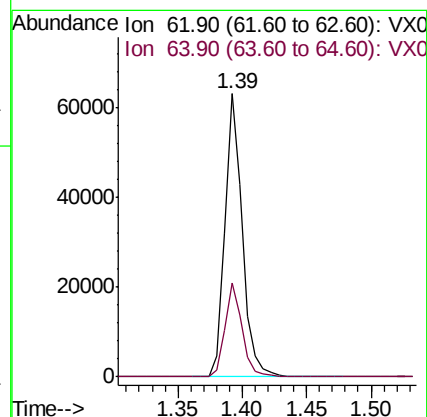
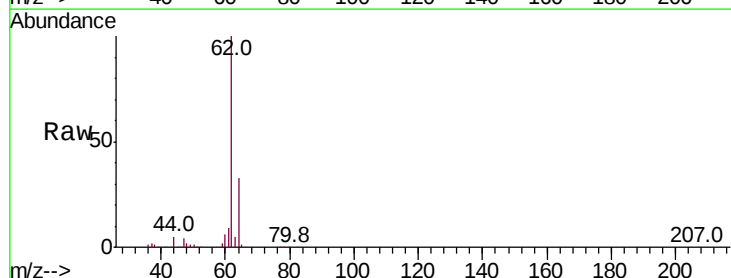
Acq: 09 Dec 2020 12:41

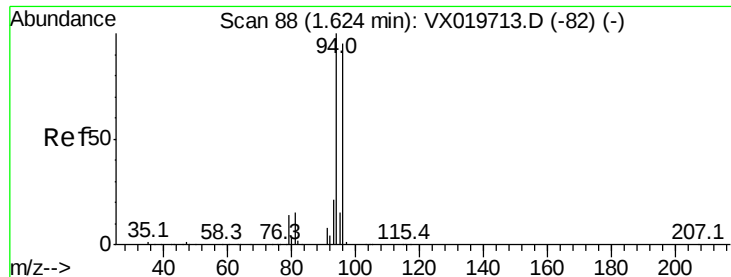
Tgt Ion: 62 Resp: 60149

Ion Ratio Lower Upper

62 100

64 33.1 25.7 38.5





#5

Bromomethane

Concen: 30.892 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

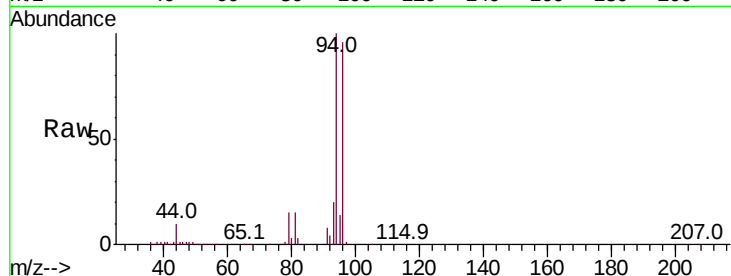
VX1209WBSD01

Tot Ion: 94 Resp: 33720

Ion Ratio Lower Upper

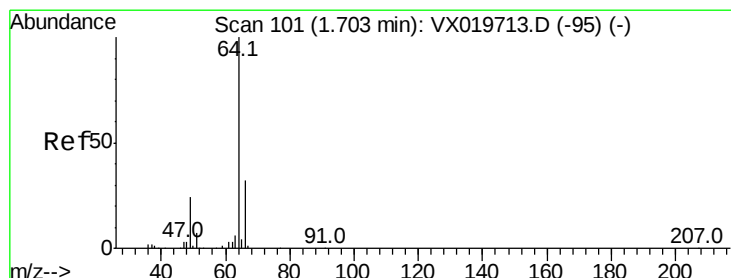
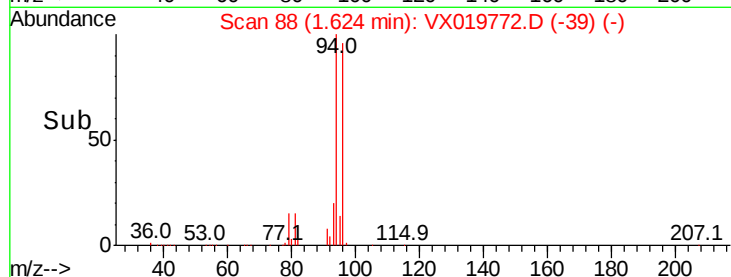
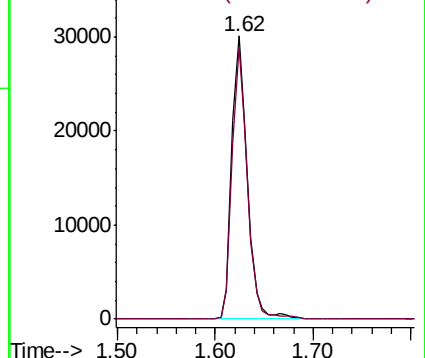
94 100

96 96.0 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.688 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019772.D

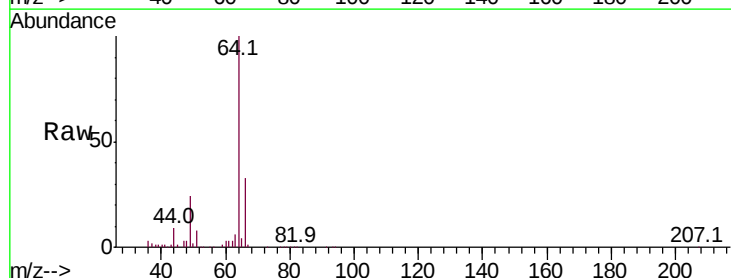
Acq: 09 Dec 2020 12:41

Tgt Ion: 64 Resp: 38879

Ion Ratio Lower Upper

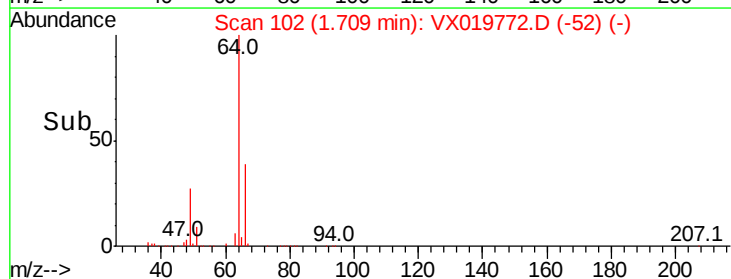
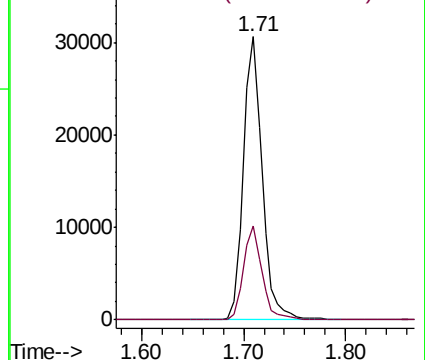
64 100

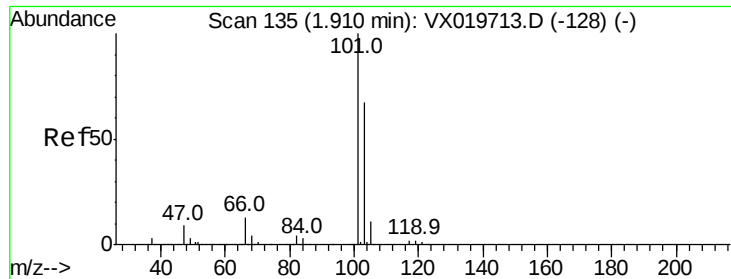
66 33.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



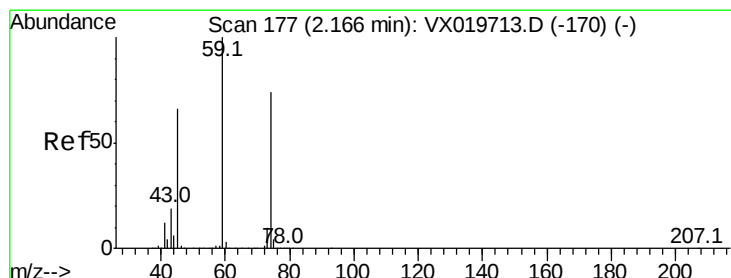
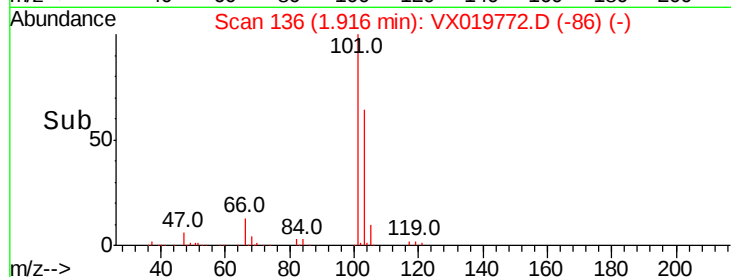
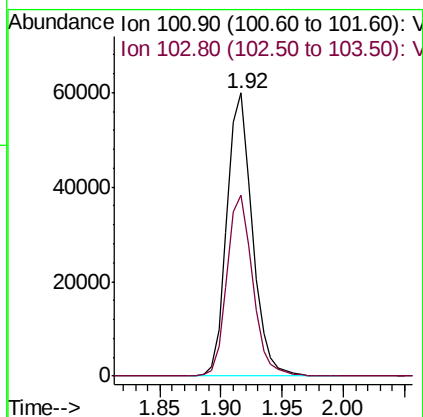
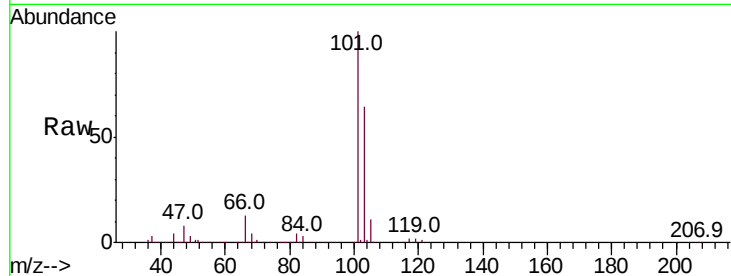


#7

Trichlorofluoromethane
Concen: 18.784 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

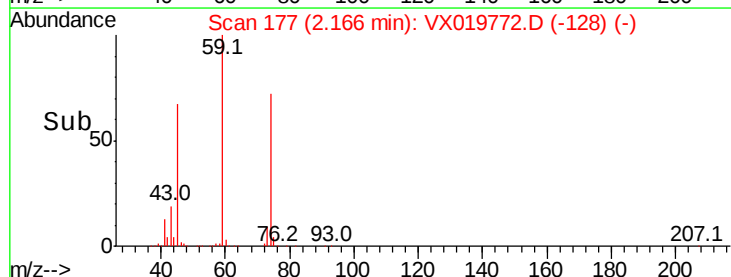
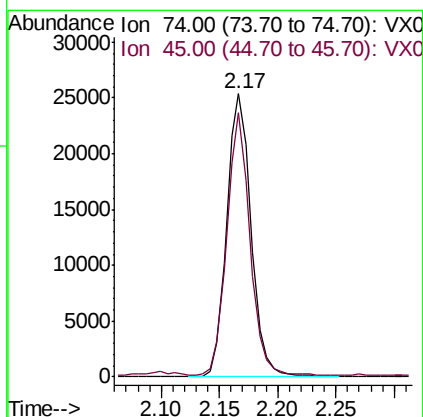
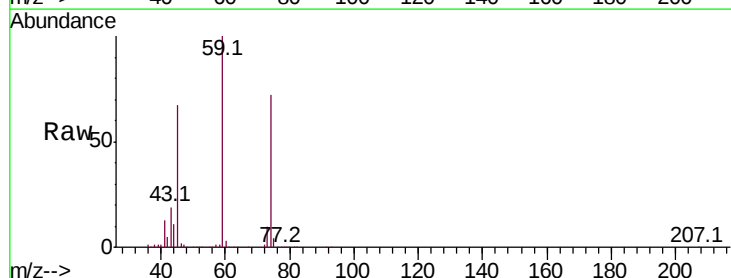
Tot Ion:101 Resp: 85997
Ion Ratio Lower Upper
101 100
103 64.2 53.2 79.8

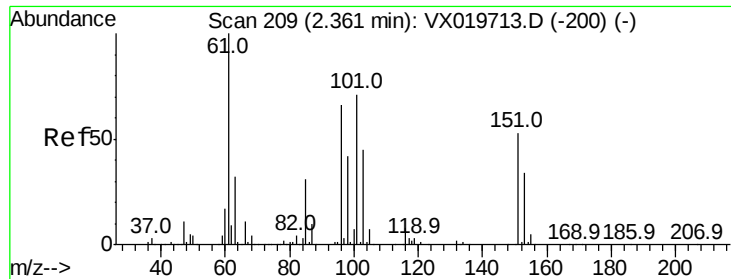


#8

Diethyl Ether
Concen: 18.972 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion: 74 Resp: 36808
Ion Ratio Lower Upper
74 100
45 87.8 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.061 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

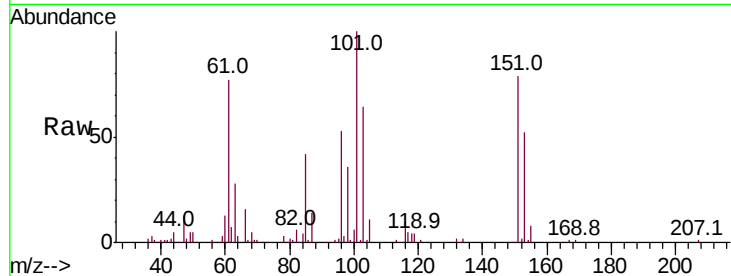
Tot Ion:101 Resp: 50018

Ion Ratio Lower Upper

101 100

85 42.9 34.9 52.3

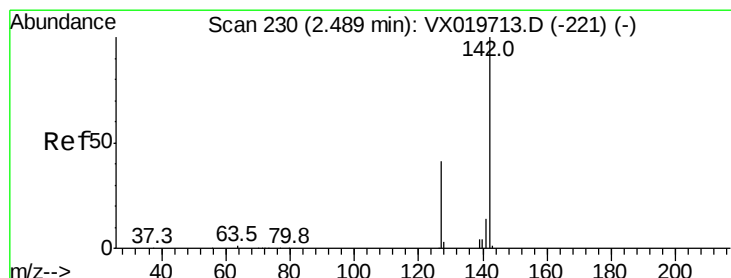
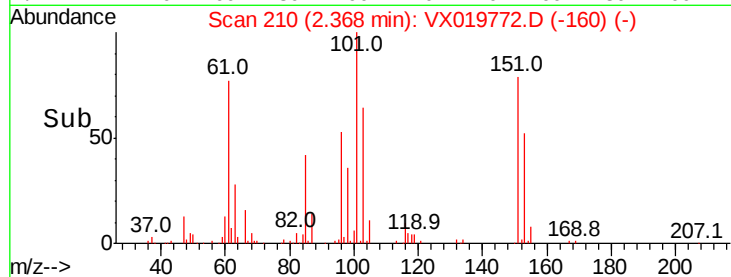
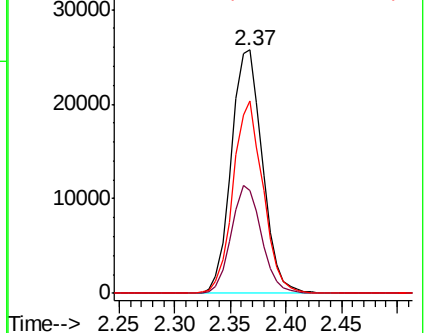
151 76.1 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.142 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

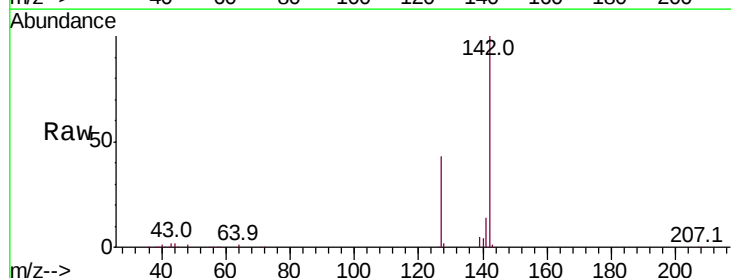
Tgt Ion:142 Resp: 54699

Ion Ratio Lower Upper

142 100

127 41.3 33.3 49.9

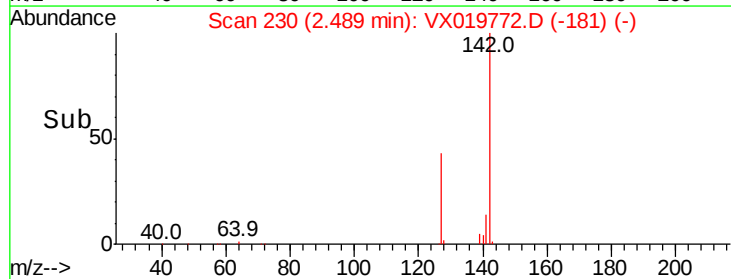
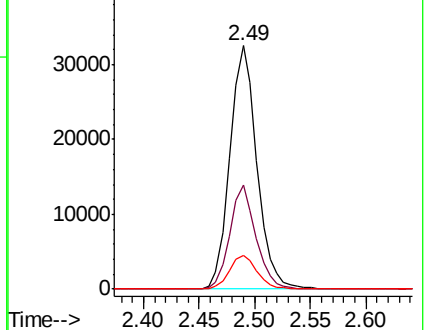
141 14.2 11.4 17.0

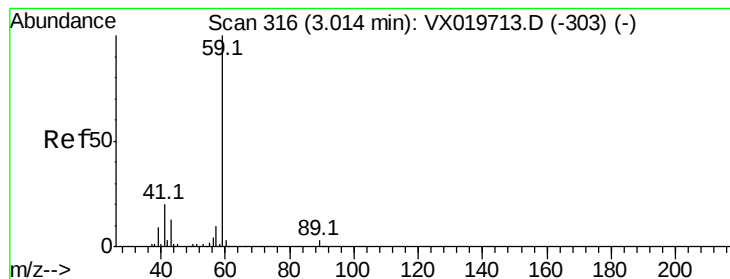


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



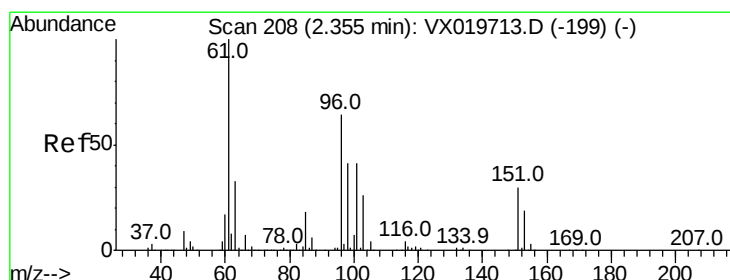
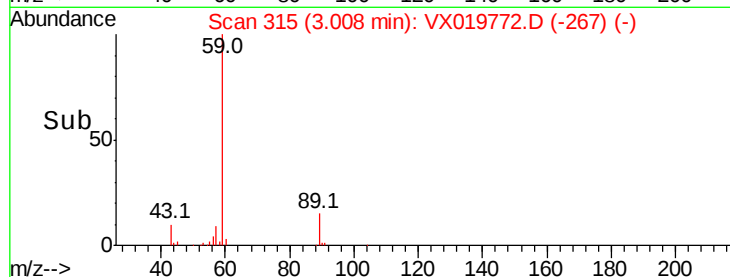
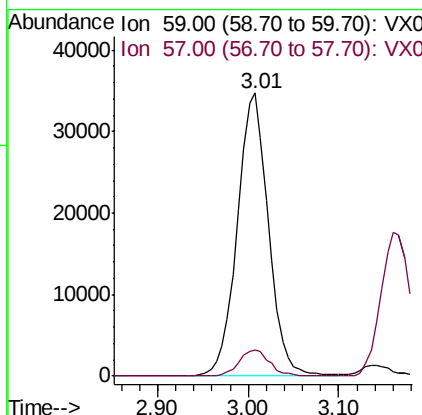
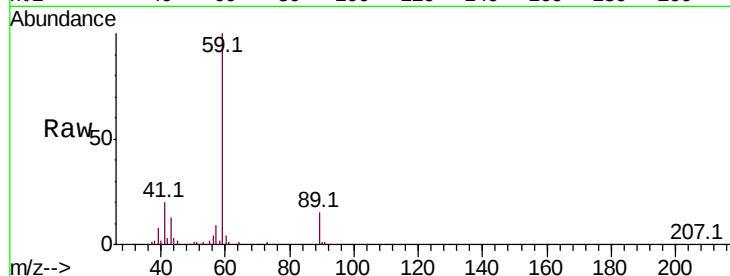


#11

Tert butyl alcohol
 Concen: 104.271 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

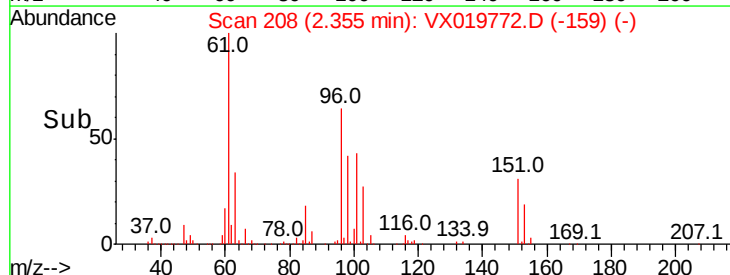
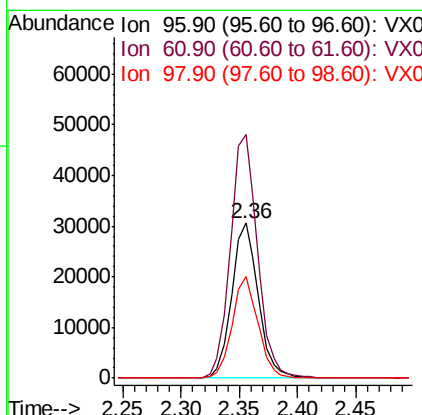
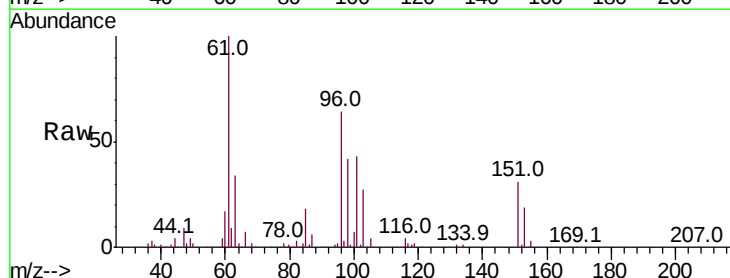
Tot Ion: 59 Resp: 82771
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.8 11.8

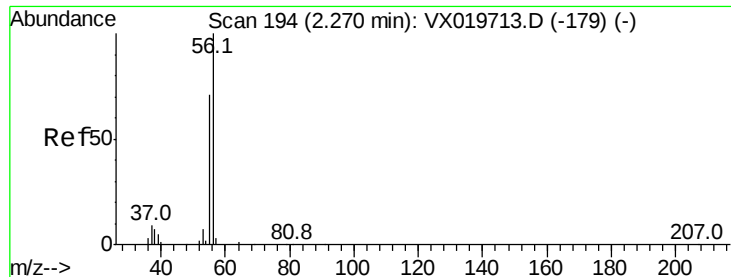


#12

1,1-Dichloroethene
 Concen: 18.308 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion: 96 Resp: 48571
 Ion Ratio Lower Upper
 96 100
 61 157.2 124.6 187.0
 98 65.9 50.6 76.0





#13

Acrolein

Concen: 82.749 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

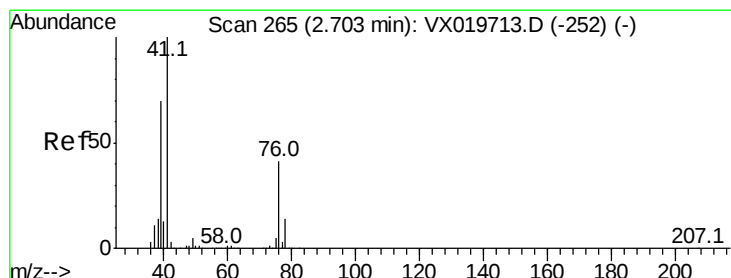
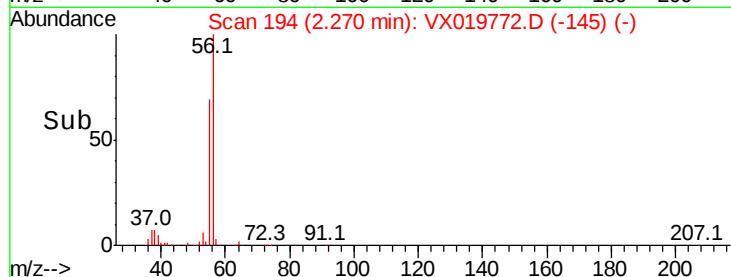
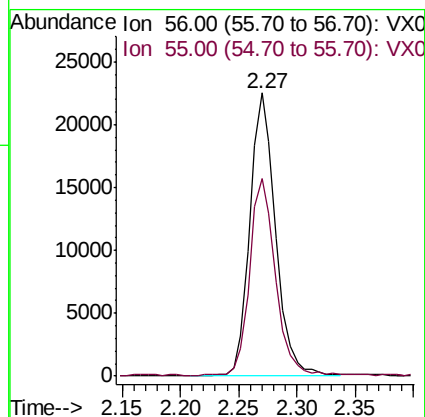
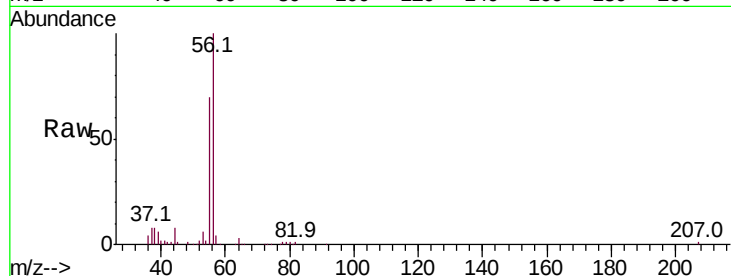
VX1209WBSD01

Tot Ion: 56 Resp: 34760

Ion Ratio Lower Upper

56 100

55 70.9 56.4 84.6



#14

Allyl chloride

Concen: 18.199 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

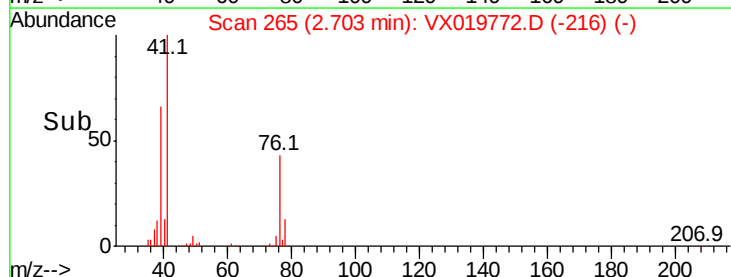
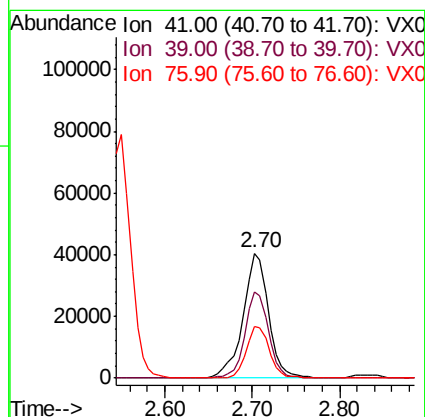
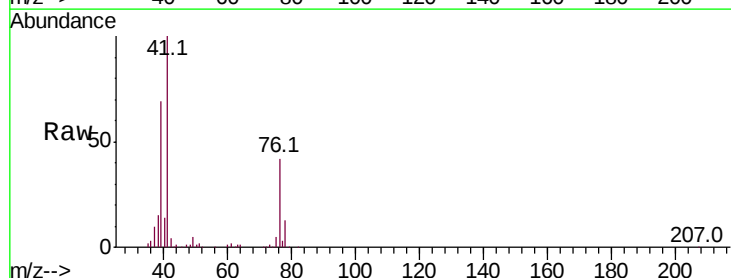
Tgt Ion: 41 Resp: 81542

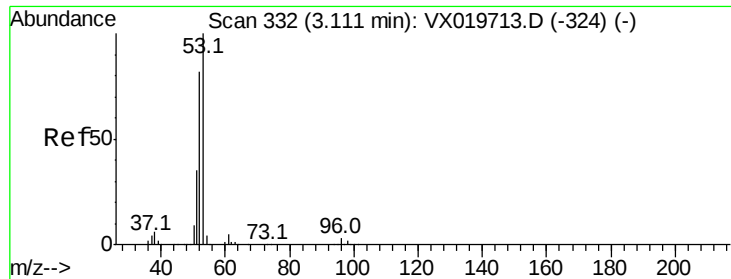
Ion Ratio Lower Upper

41 100

39 64.8 51.6 77.4

76 37.4 30.5 45.7





#15

Acrylonitrile

Concen: 96.584 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampled :

VX1209WBSD01

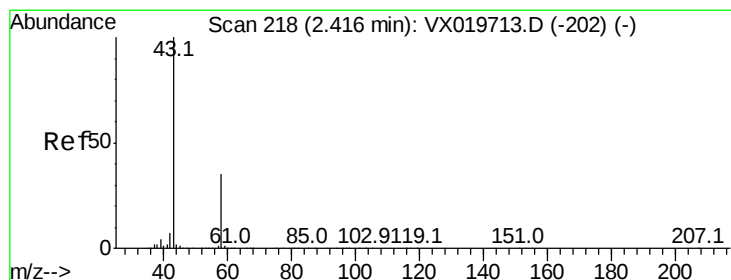
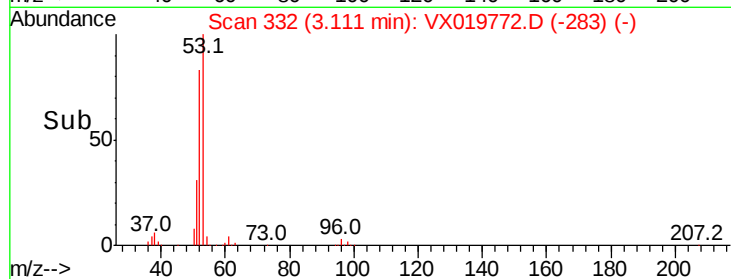
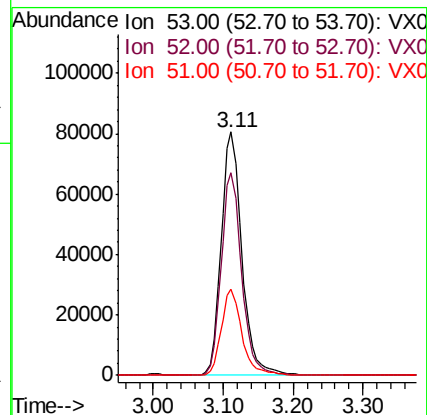
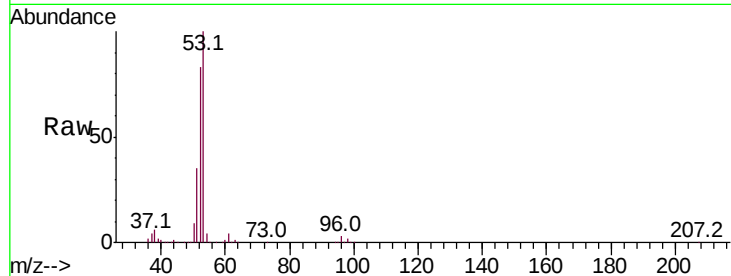
Tot Ion: 53 Resp: 166165

Ion Ratio Lower Upper

53 100

52 82.1 65.3 97.9

51 35.3 28.2 42.2



#16

Acetone

Concen: 98.241 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019772.D

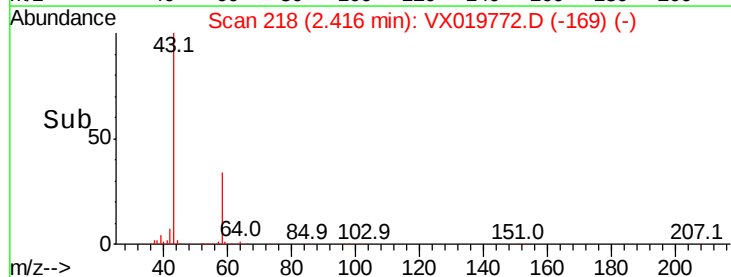
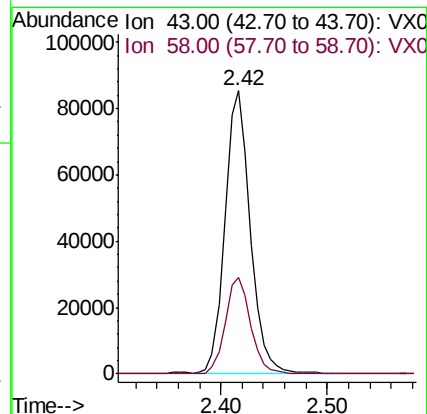
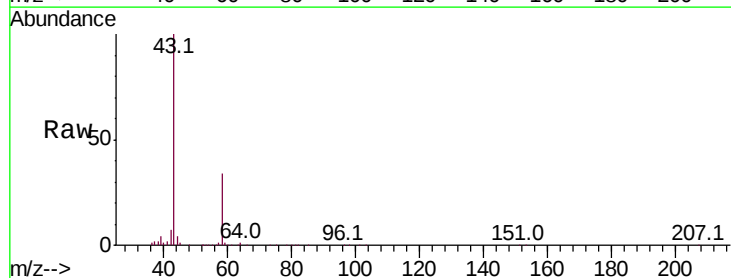
Acq: 09 Dec 2020 12:41

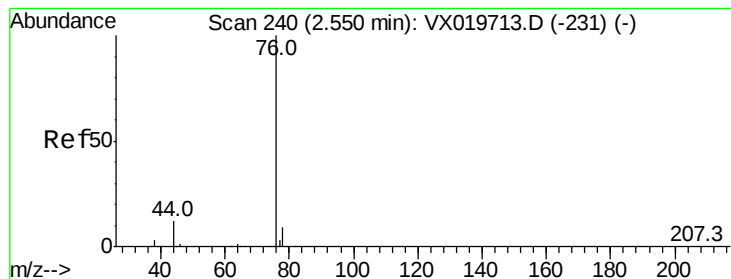
Tgt Ion: 43 Resp: 140527

Ion Ratio Lower Upper

43 100

58 34.3 27.8 41.8





#17

Carbon Disulfide

Concen: 16.931 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

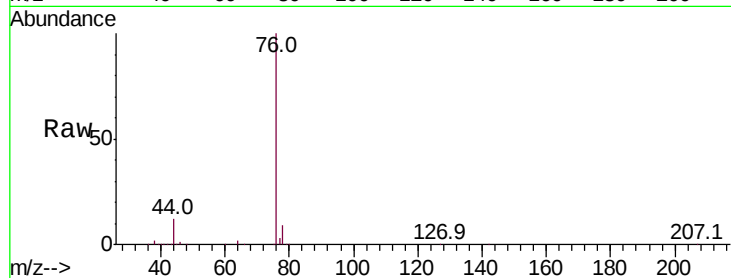
VX1209WBSD01

Tot Ion: 76 Resp: 128884

Ion Ratio Lower Upper

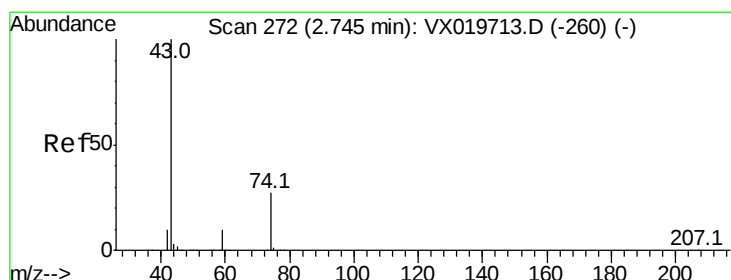
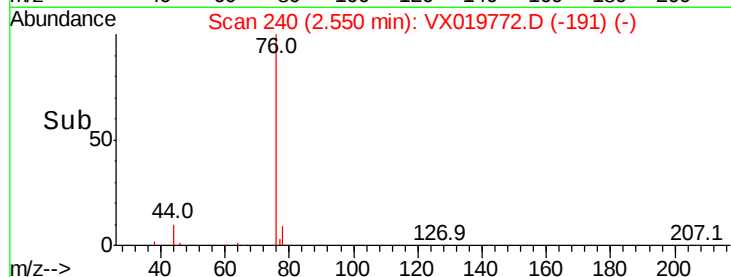
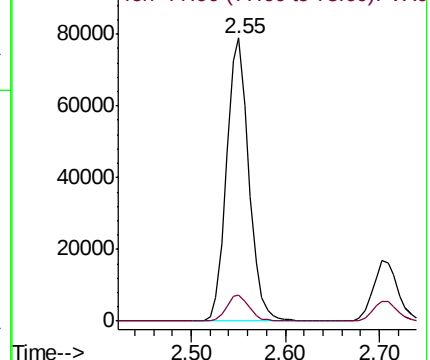
76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.063 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019772.D

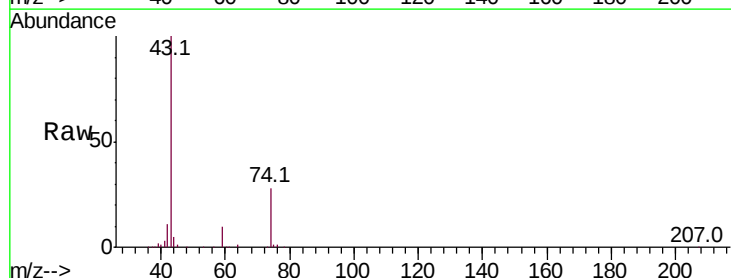
Acq: 09 Dec 2020 12:41

Tgt Ion: 43 Resp: 70229

Ion Ratio Lower Upper

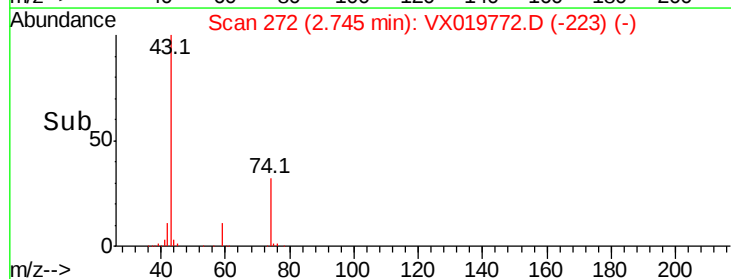
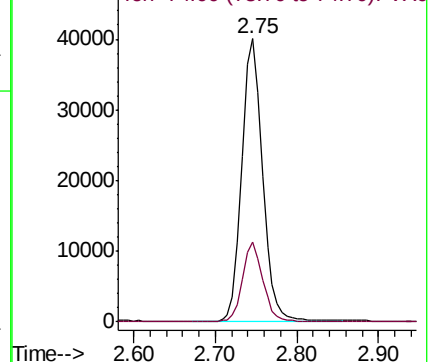
43 100

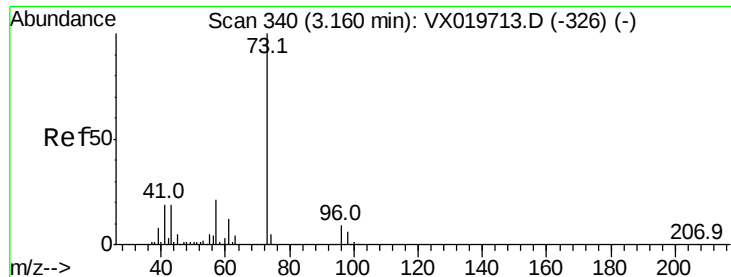
74 27.8 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

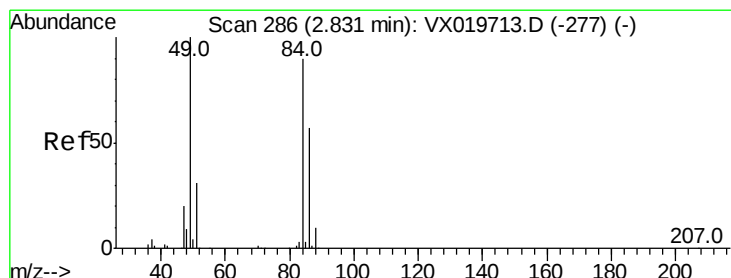
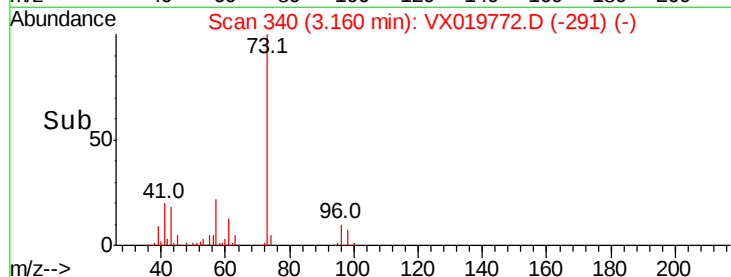
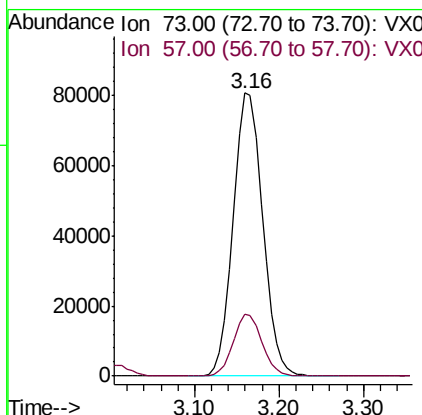
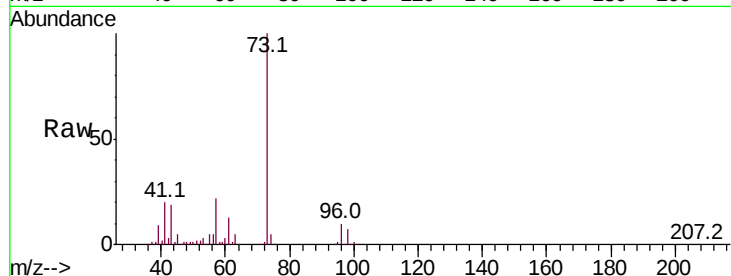




#19
Methvl tert-butvl Ether
Concen: 19.792 ug/l
RT: 3.16 min Scan# 340
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

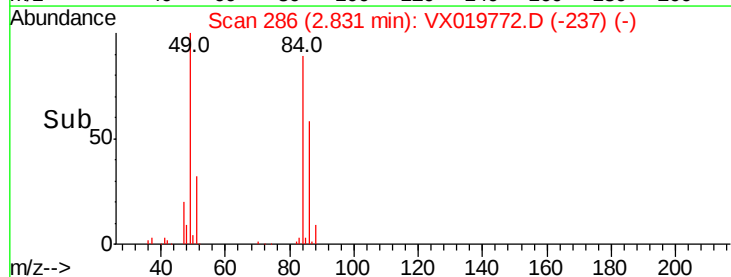
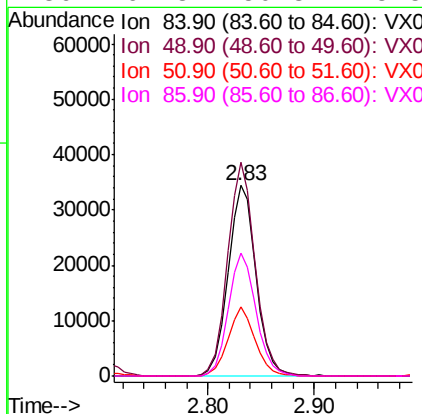
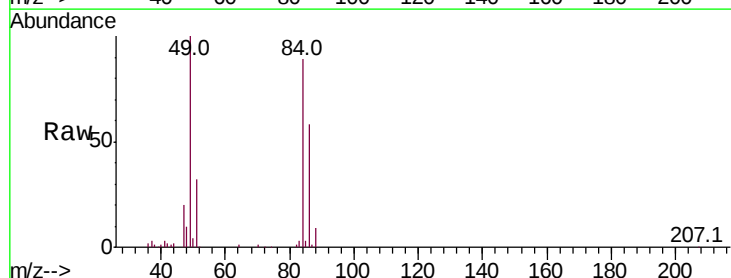
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

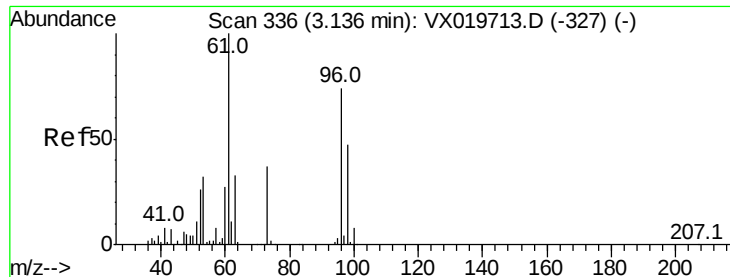
Tot Ion: 73 Resp: 191221
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7



#20
Methylene Chloride
Concen: 18.414 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion: 84 Resp: 63067
Ion Ratio Lower Upper
84 100
49 112.3 88.6 132.8
51 36.2 27.0 40.6
86 64.8 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 18.588 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampled :

VX1209WBSD01

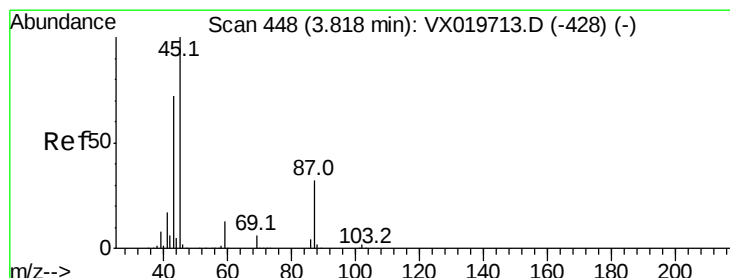
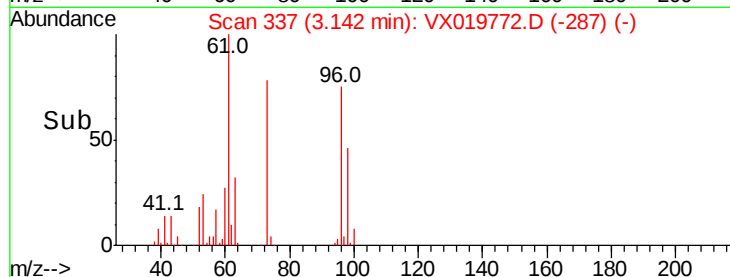
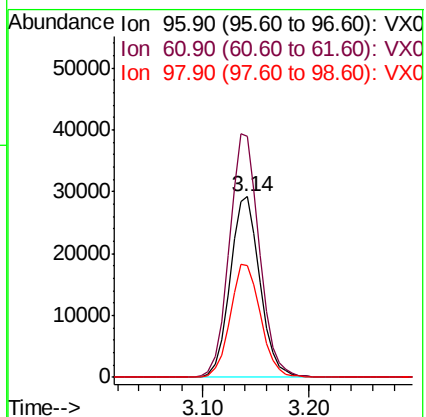
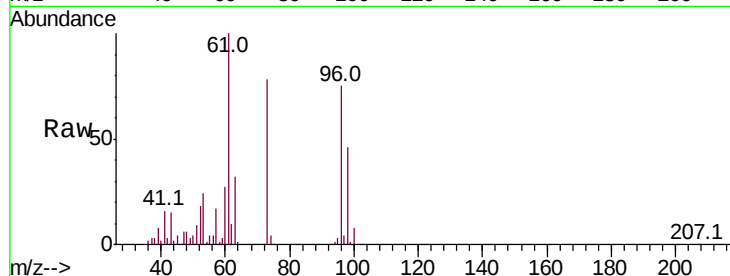
Tot Ion: 96 Resp: 57492

Ion Ratio Lower Upper

96 100

61 133.1 107.7 161.5

98 61.9 50.4 75.6



#22

Diisopropyl ether

Concen: 19.413 ug/l

RT: 3.82 min Scan# 448

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Tgt Ion: 45 Resp: 175869

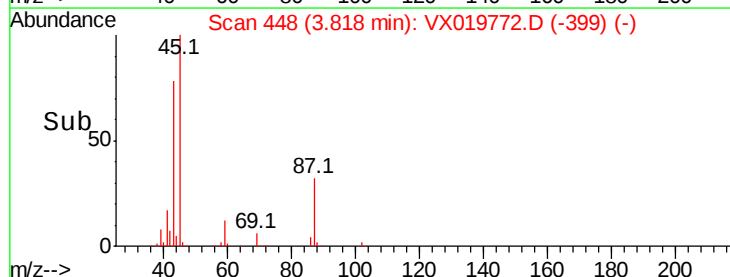
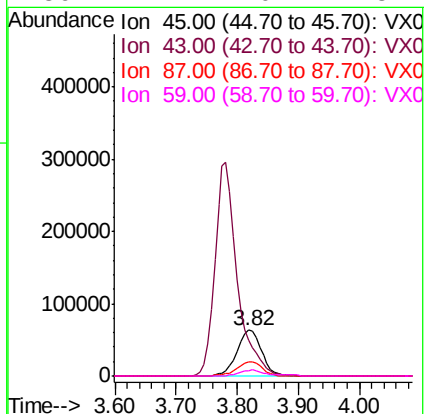
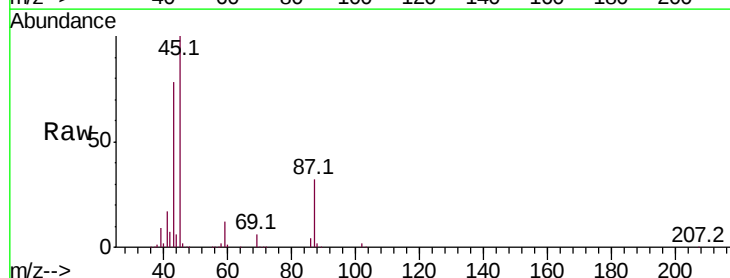
Ion Ratio Lower Upper

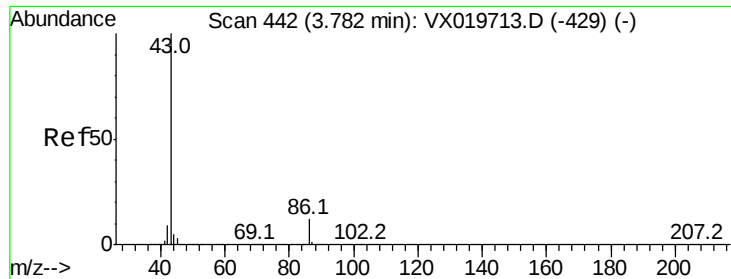
45 100

43 77.6 58.0 87.0

87 31.7 25.4 38.0

59 12.1 10.2 15.2





#23

Vinyl Acetate

Concen: 98.070 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

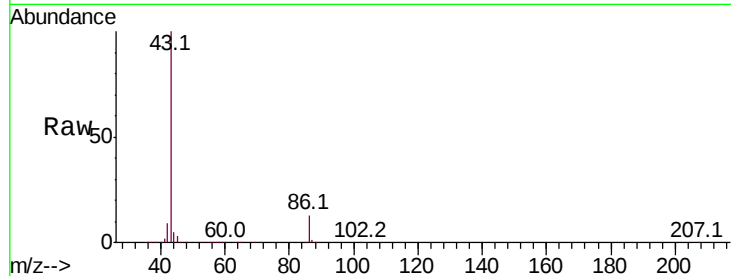
VX1209WBSD01

Tot Ion: 43 Resp: 756903

Ion Ratio Lower Upper

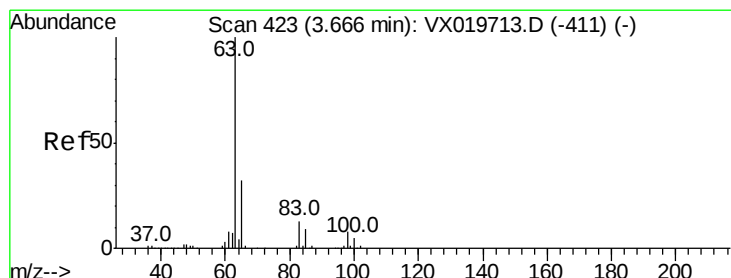
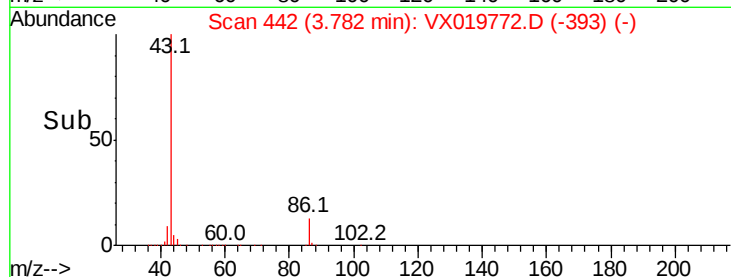
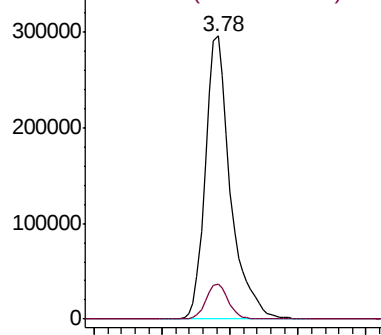
43 100

86 12.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.872 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

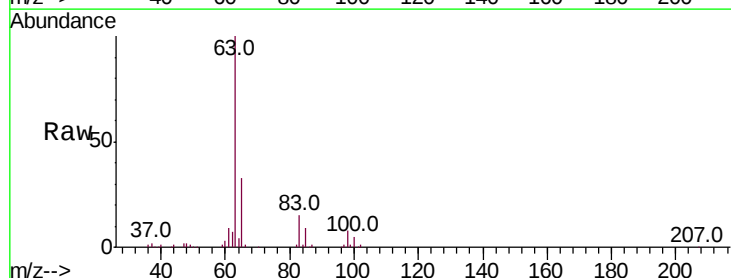
Tgt Ion: 63 Resp: 103094

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

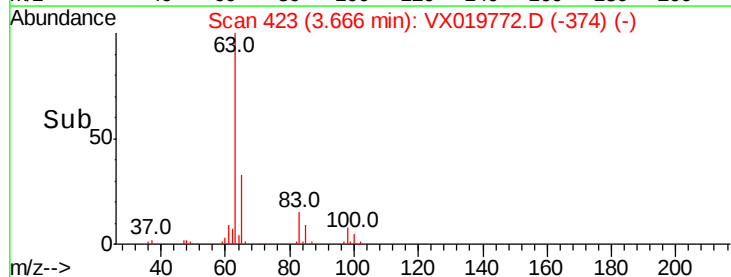
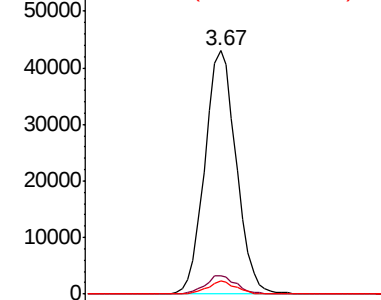
100 5.5 2.5 7.5

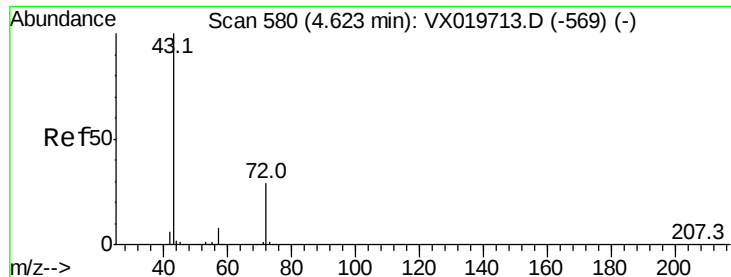


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.074 ug/l

RT: 4.62 min Scan# 580

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

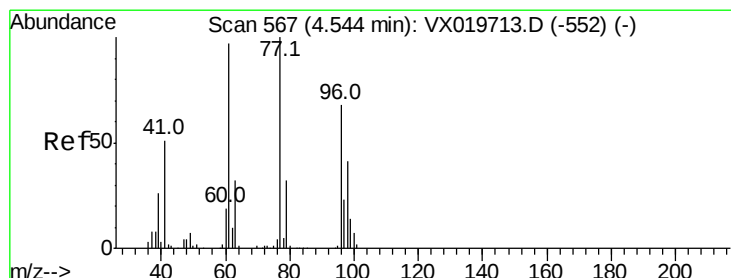
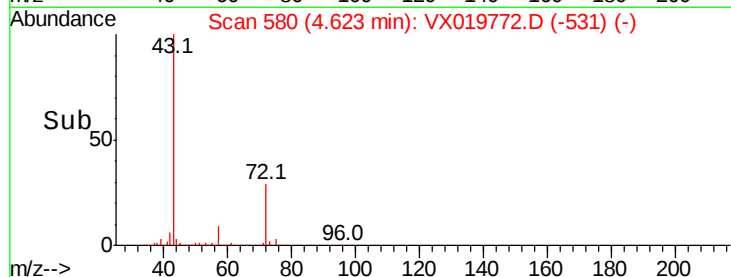
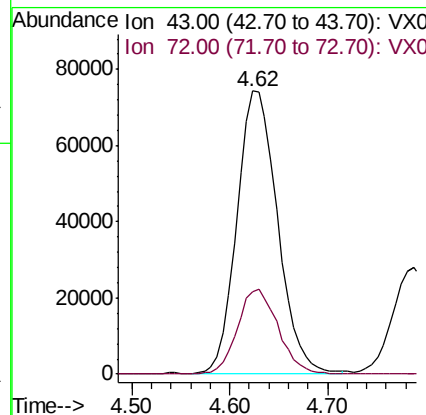
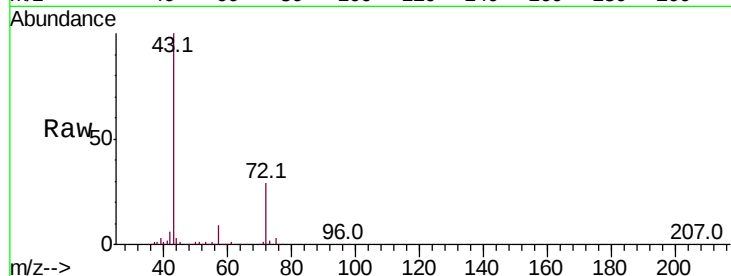
VX1209WBSD01

Tot Ion: 43 Resp: 213370

Ion Ratio Lower Upper

43 100

72 28.9 23.7 35.5



#26

2,2-Dichloropropane

Concen: 18.441 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019772.D

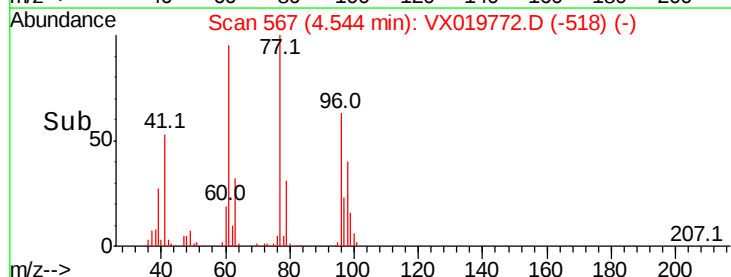
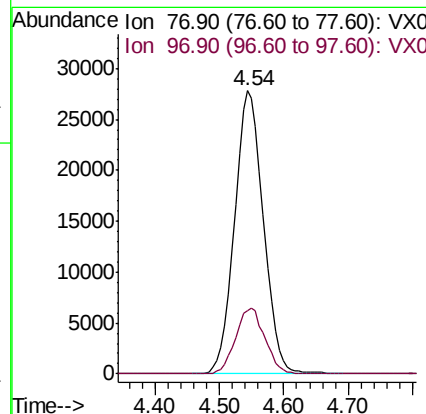
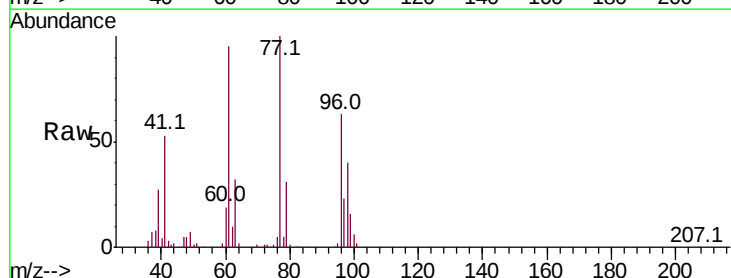
Acq: 09 Dec 2020 12:41

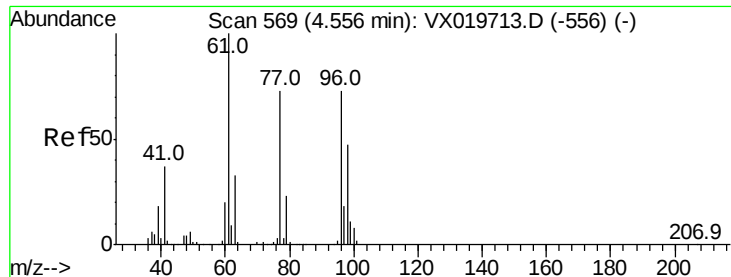
Tgt Ion: 77 Resp: 86754

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1



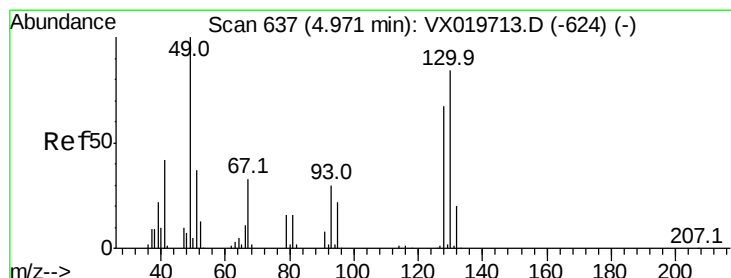
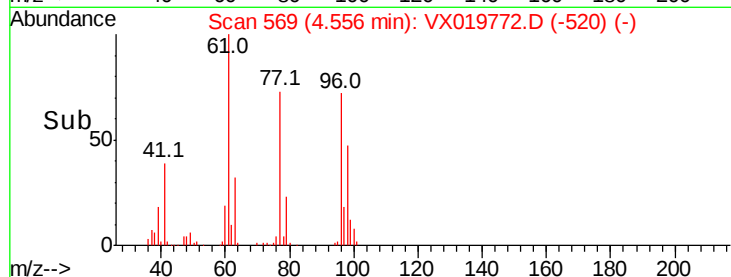
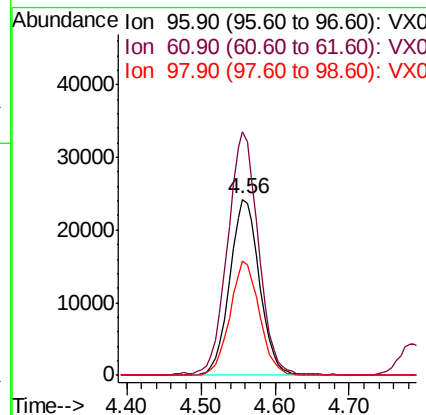
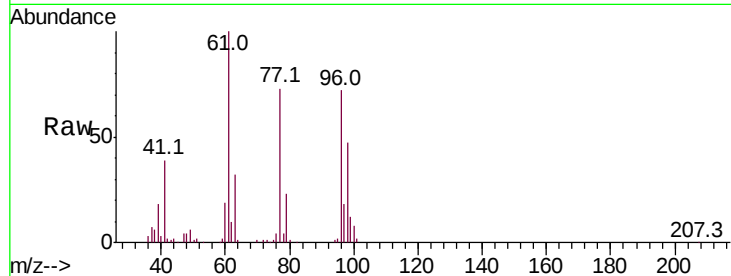


#27

cis-1,2-Dichloroethene
Concen: 18.740 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

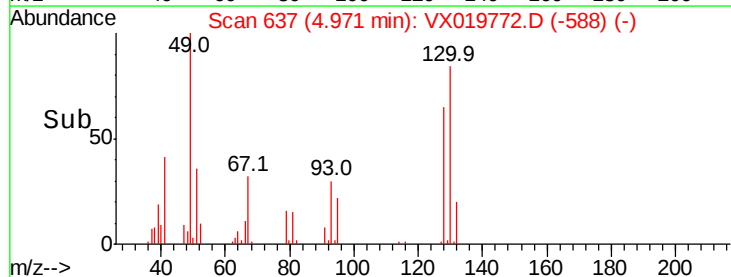
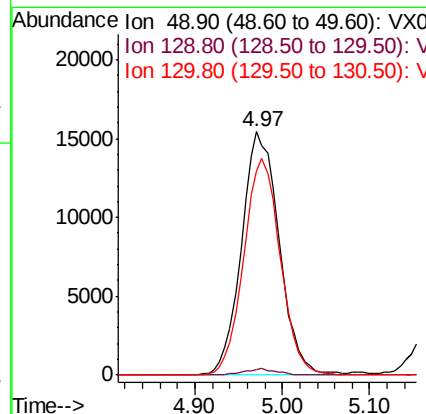
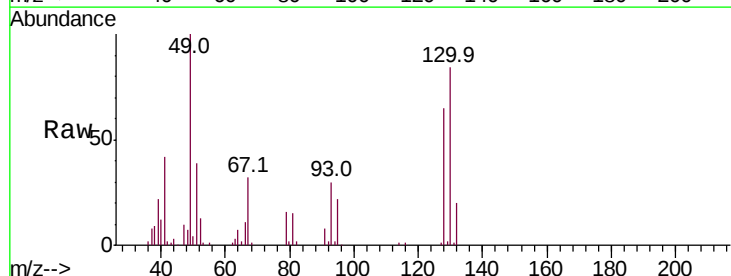
Tot Ion	96	Resp	67832
Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	285.6
98	64.1	0.0	129.6

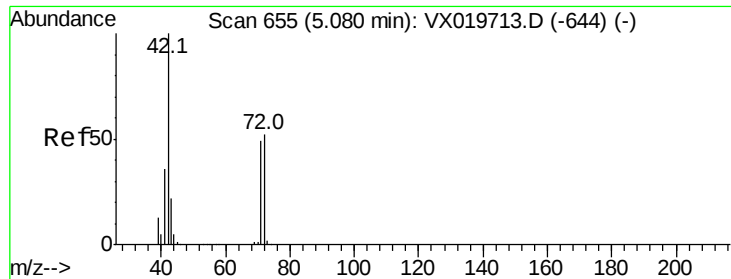


#28

Bromochloromethane
Concen: 17.763 ug/l
RT: 4.97 min Scan# 637
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	49	Resp	46258
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	86.4	68.2	102.2

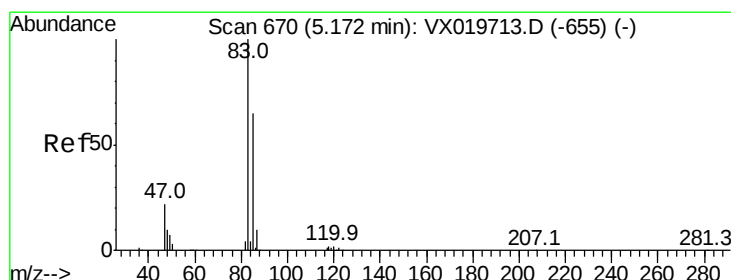
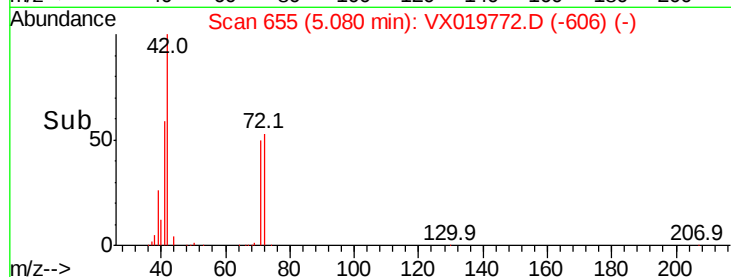
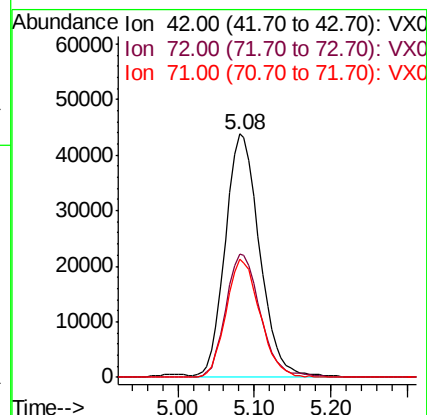
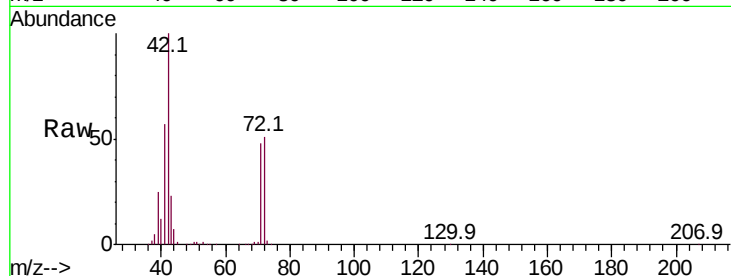




#29
Tetrahydrofuran
Concen: 95.467 ug/l
RT: 5.08 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

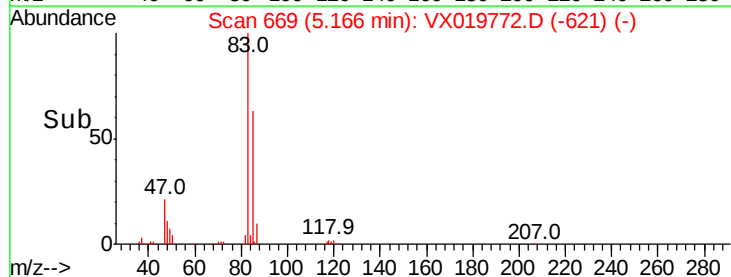
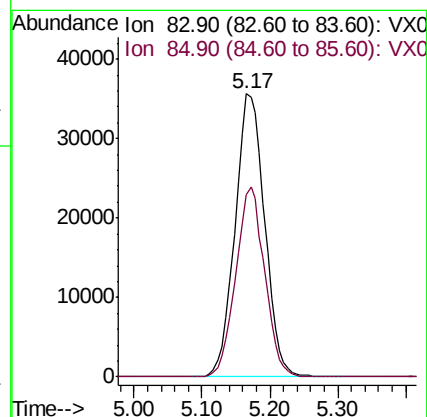
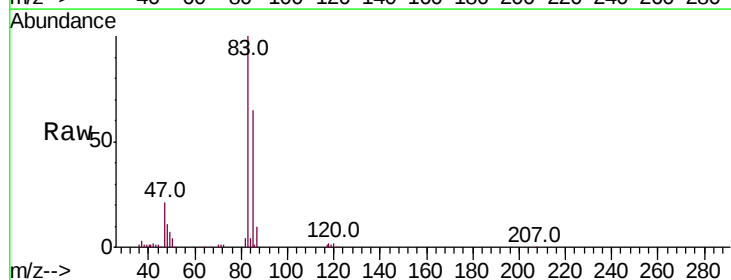
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

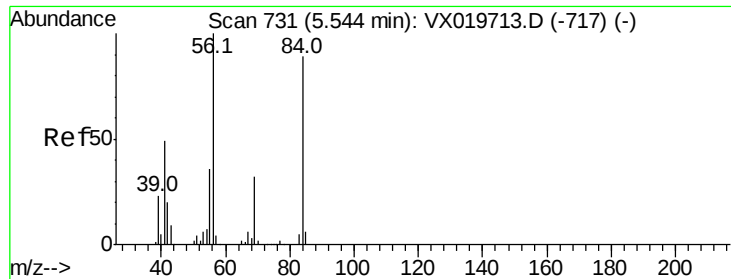
Tot Ion: 42 Resp: 135196
Ion Ratio Lower Upper
42 100
72 51.7 41.7 62.5
71 48.3 38.4 57.6



#30
Chloroform
Concen: 19.149 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion: 83 Resp: 107561
Ion Ratio Lower Upper
83 100
85 64.5 52.0 78.0

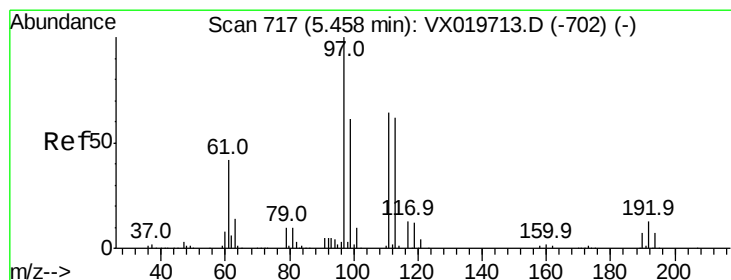
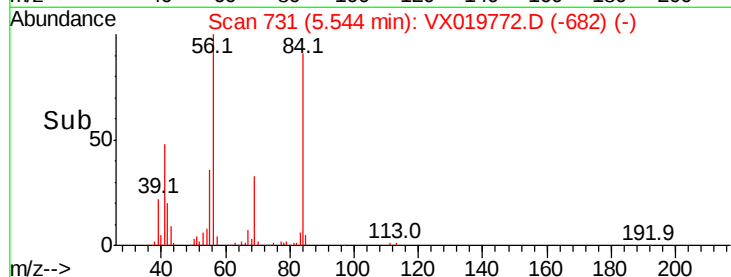
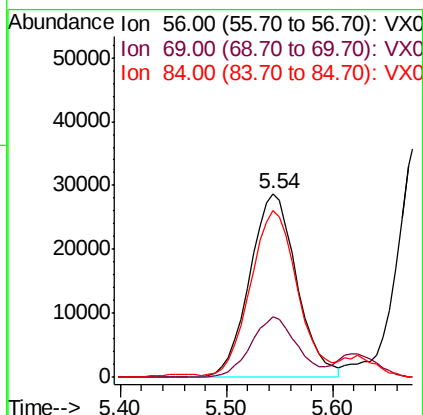
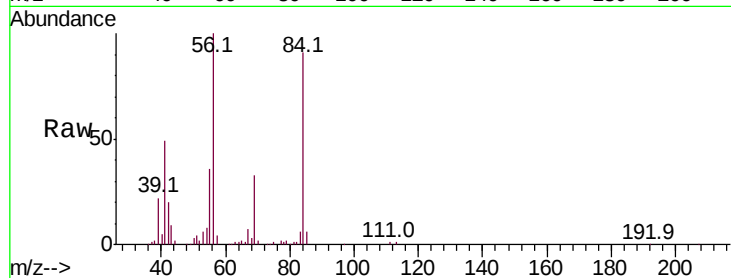




#31
Cyclohexane
Concen: 18.718 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

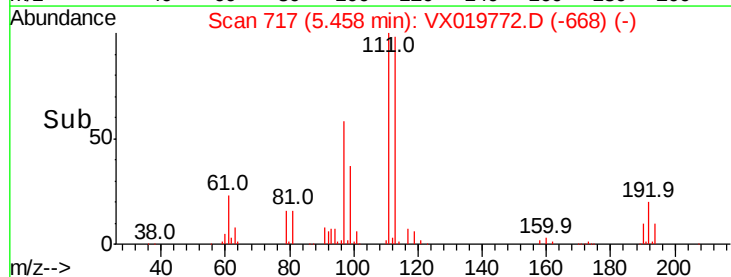
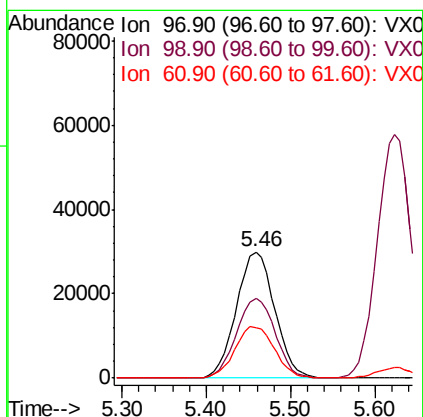
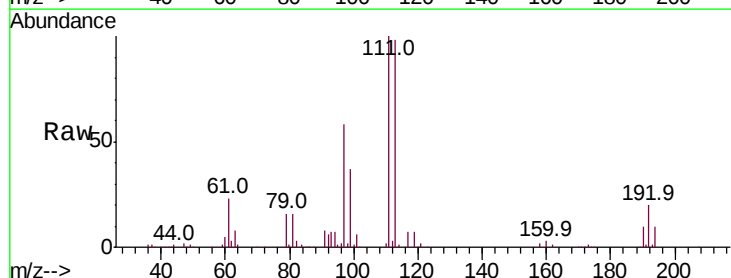
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

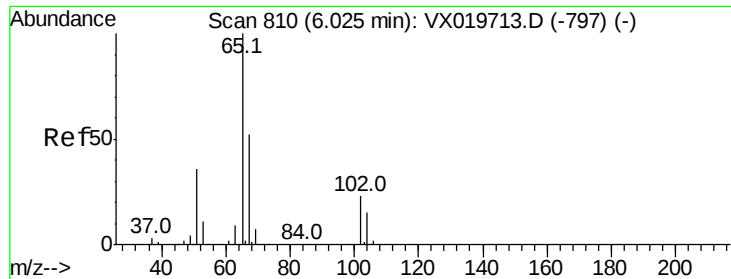
Tot Ion: 56 Resp: 88610
Ion Ratio Lower Upper
56 100
69 32.7 25.3 37.9
84 89.3 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 19.033 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion: 97 Resp: 92068
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 42.6 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 47.142 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

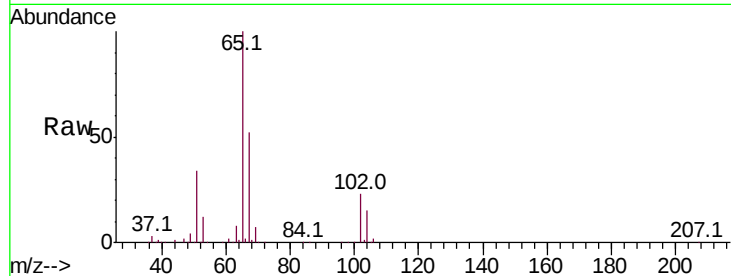
VX1209WBSD01

Tot Ion: 65 Resp: 179404

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

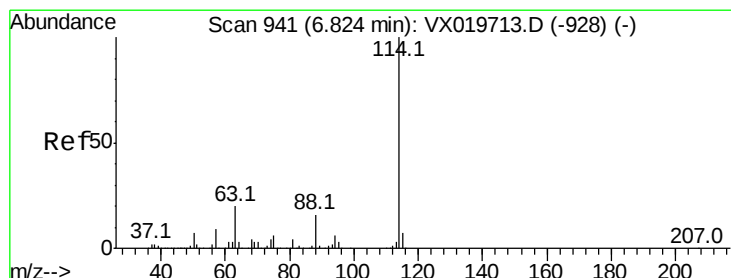
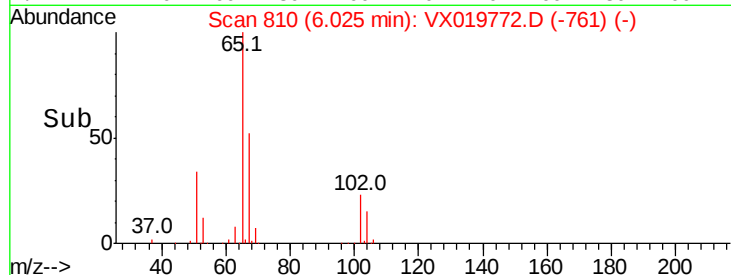
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

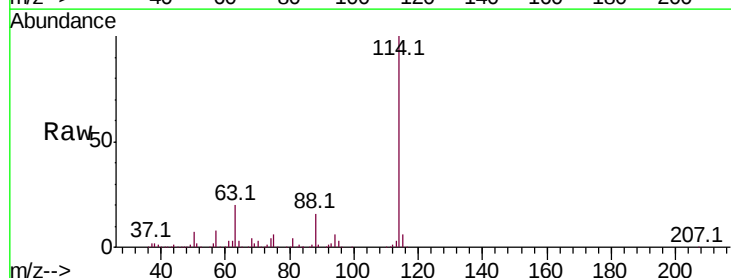
Tgt Ion: 114 Resp: 463393

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 16.5 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.82

250000

200000

150000

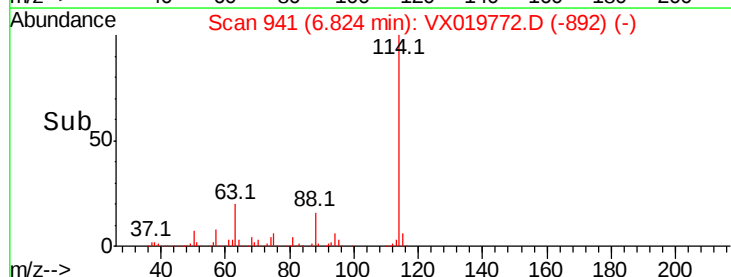
100000

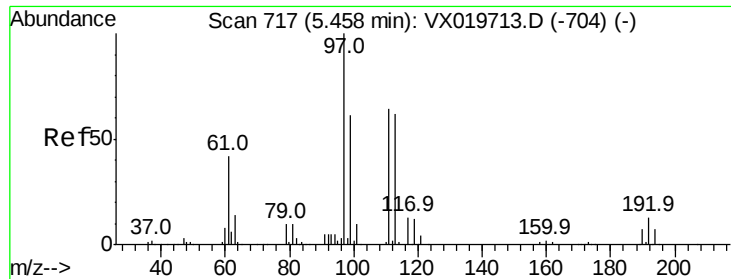
50000

0

Time-->

6.70 6.80 6.90 7.00

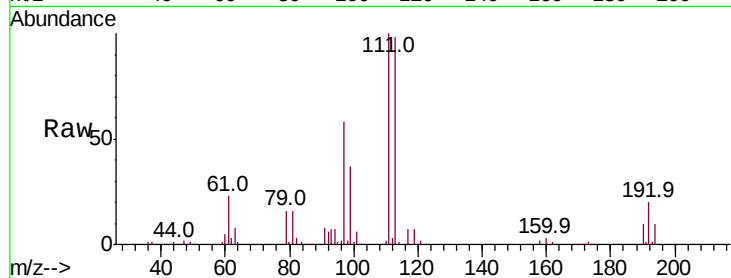




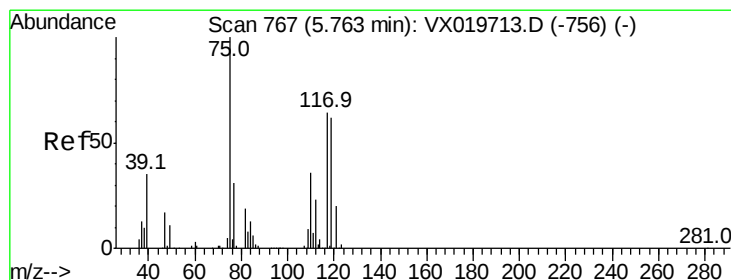
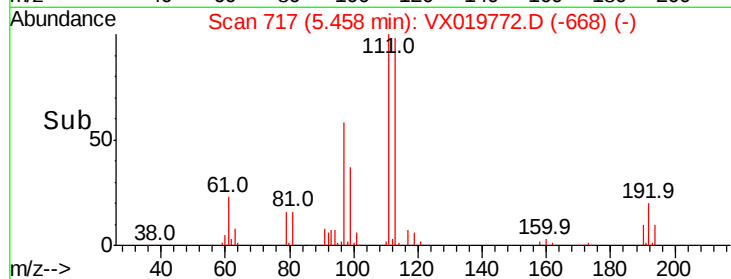
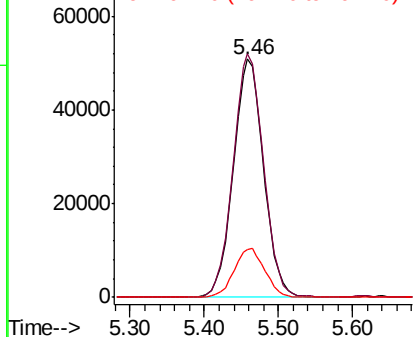
#35
 Dibromofluoromethane
 Concen: 48.387 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX1209WBSD01

Tot Ion:113 Resp: 144910
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 20.8 16.7 25.1

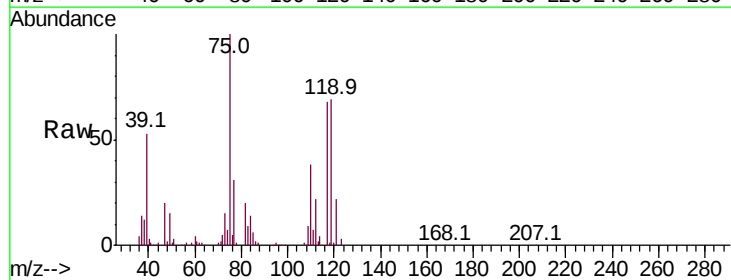


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

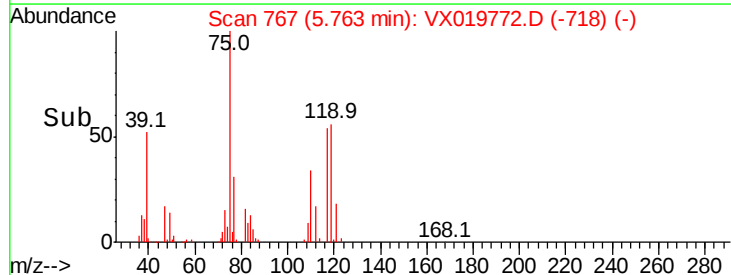
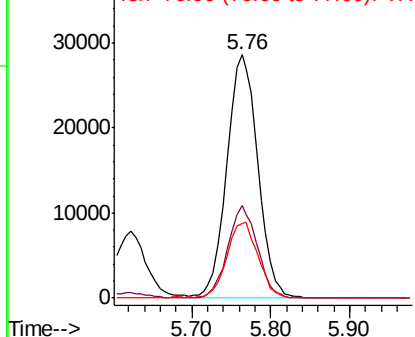


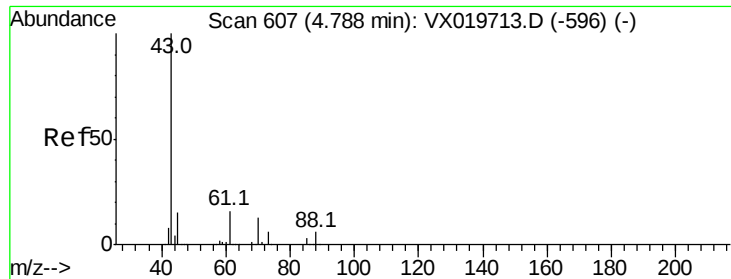
#36
 1,1-Dichloropropene
 Concen: 18.682 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion: 75 Resp: 78229
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.1 54.4
 77 31.4 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

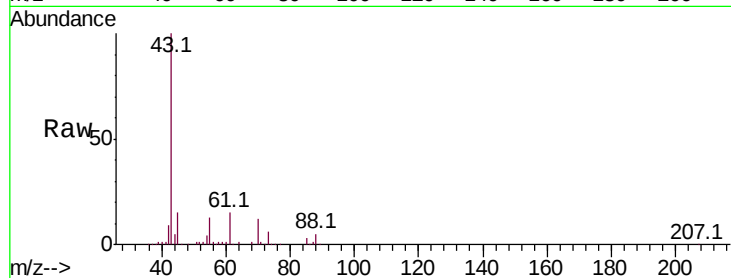




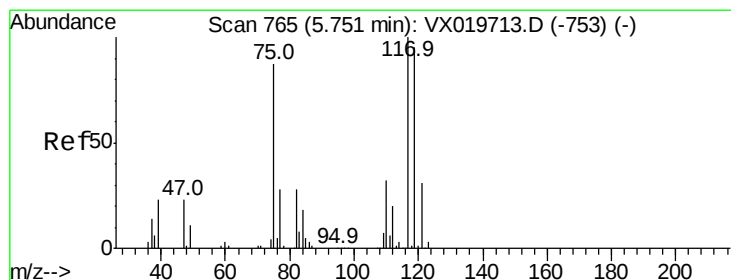
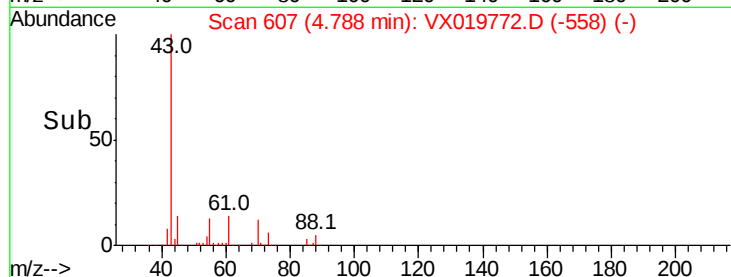
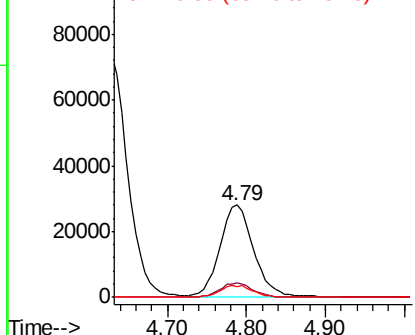
#37
Ethyl Acetate
Concen: 19.475 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.8	19.2
70	13.1	10.5	15.7

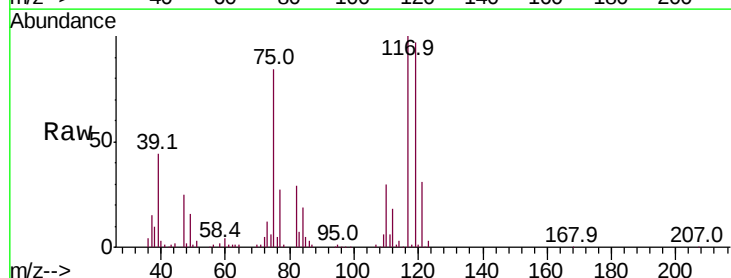


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

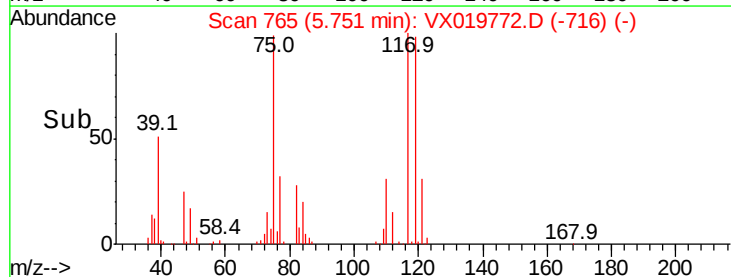
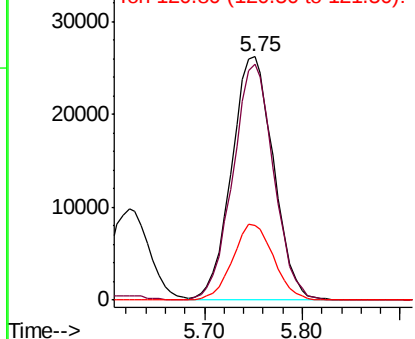


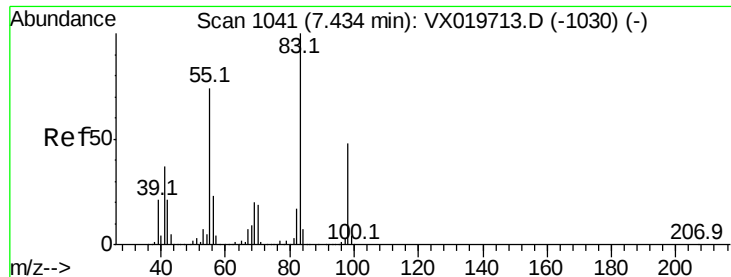
#38
Carbon Tetrachloride
Concen: 19.078 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.2	114.2
121	30.5	24.8	37.2



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

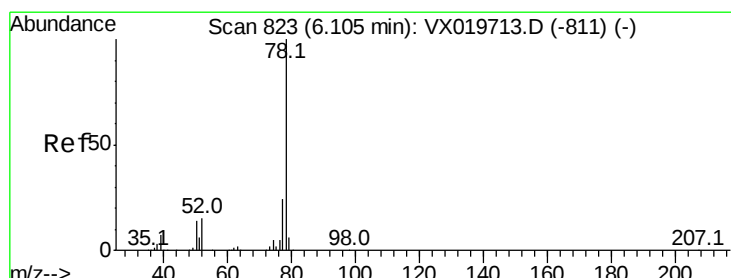
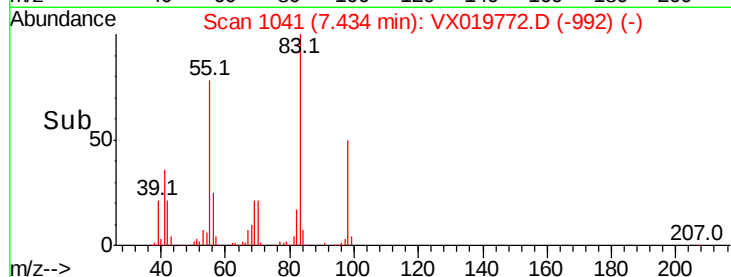
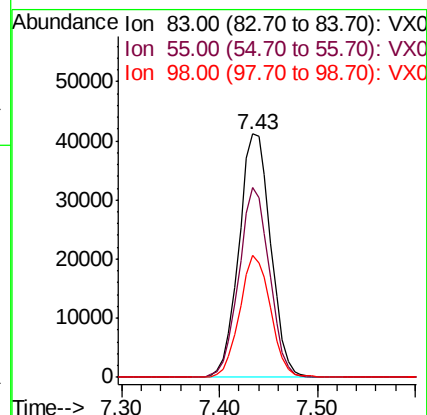
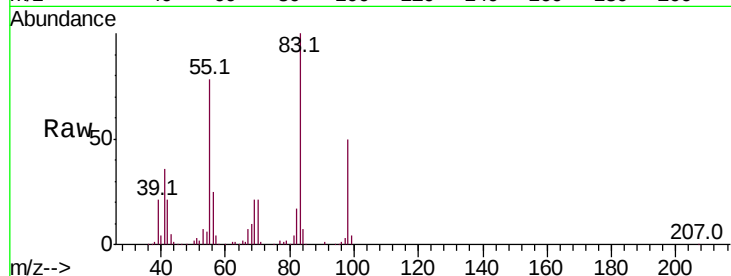




#39
Methvlcvclohexane
Concen: 18.858 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

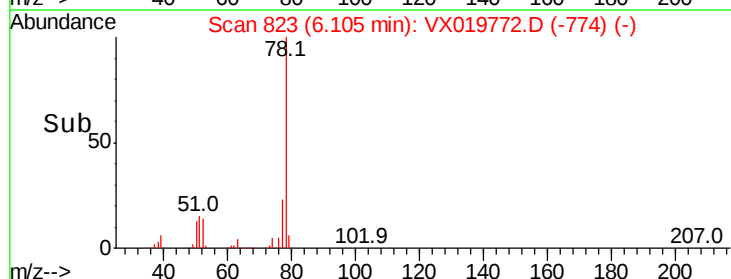
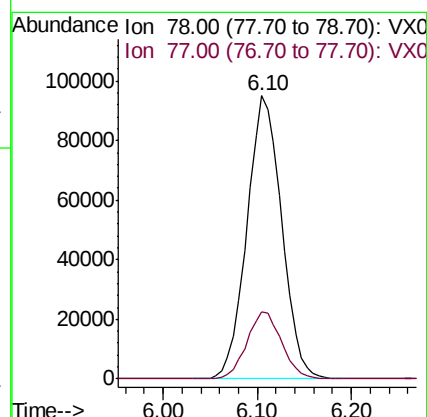
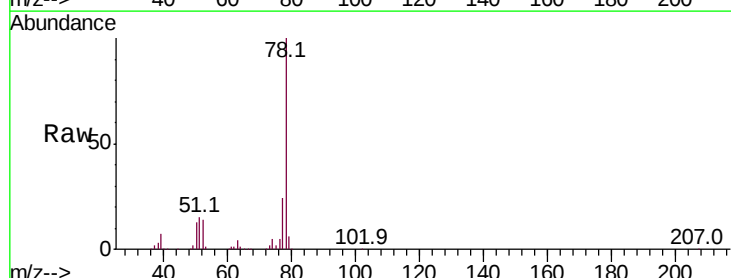
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

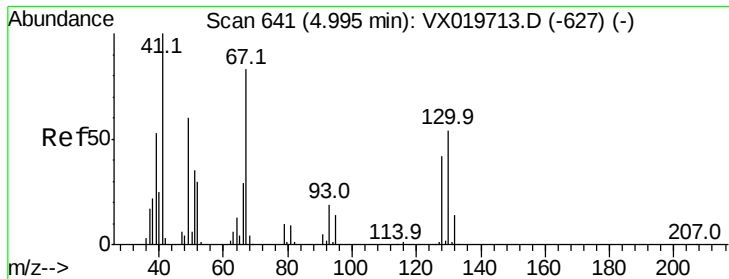
Tot Ion: 83 Resp: 92775
Ion Ratio Lower Upper
83 100
55 77.8 58.9 88.3
98 50.4 38.1 57.1



#40
Benzene
Concen: 19.095 ug/l
RT: 6.10 min Scan# 823
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion: 78 Resp: 244245
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

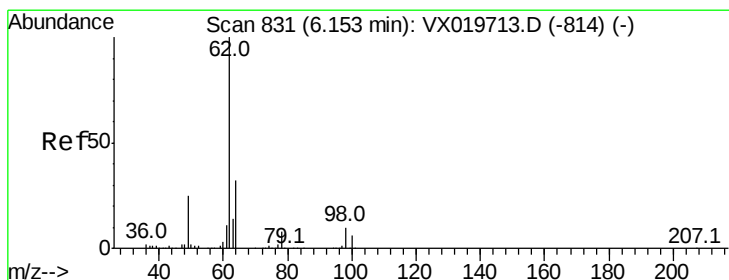
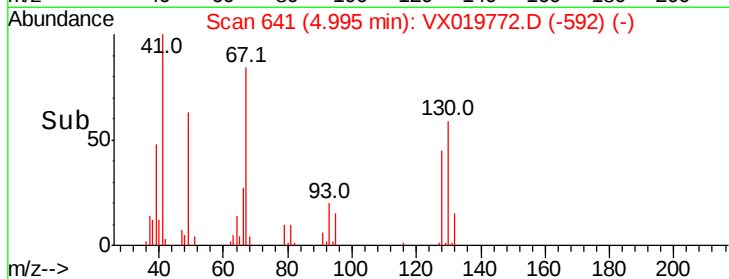
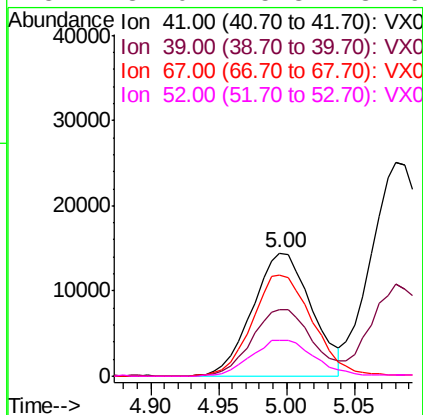
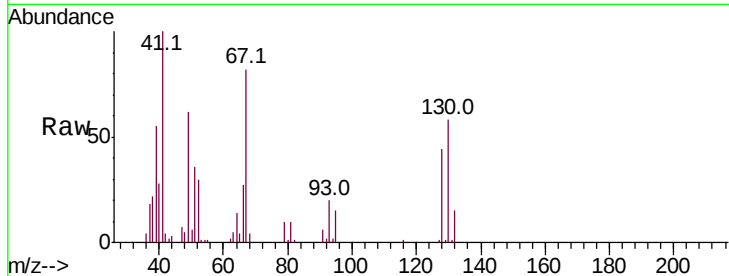




#41
Methacrylonitrile
Concen: 18.963 ug/l
RT: 5.00 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

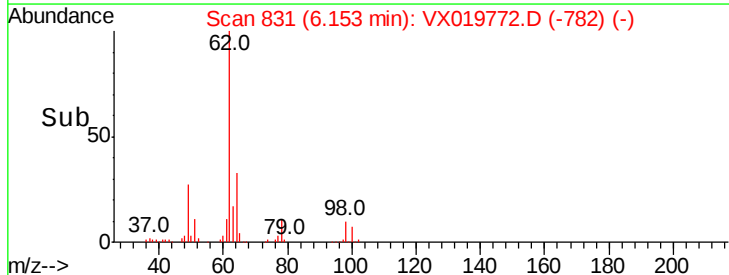
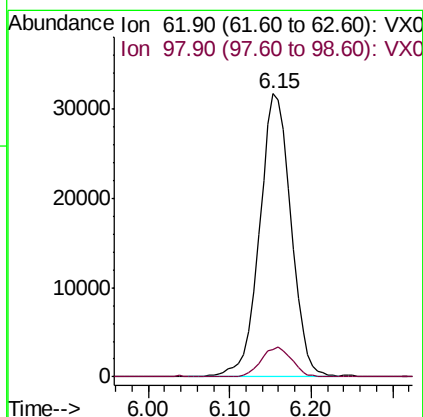
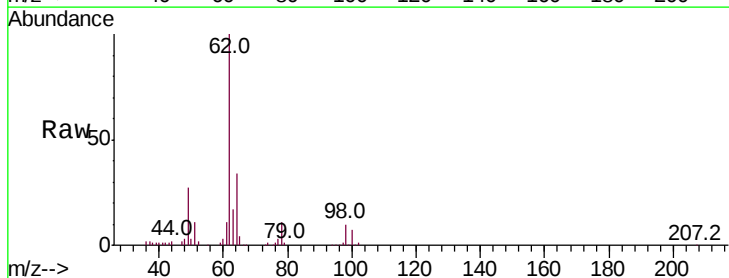
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

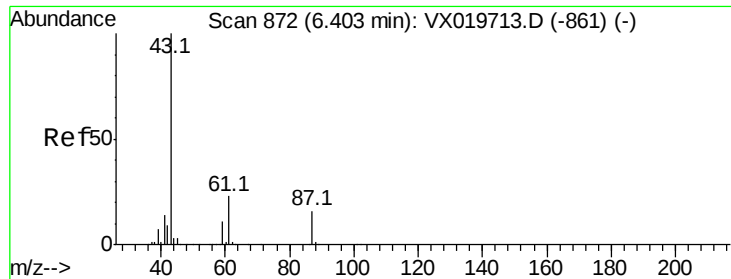
Tot Ion:	41	Resp:	44019
Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.5	63.7
67	84.5	65.0	97.6
52	32.0	25.3	37.9



#42
1,2-Dichloroethane
Concen: 19.514 ug/l
RT: 6.15 min Scan# 831
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion:	62	Resp:	85283
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2



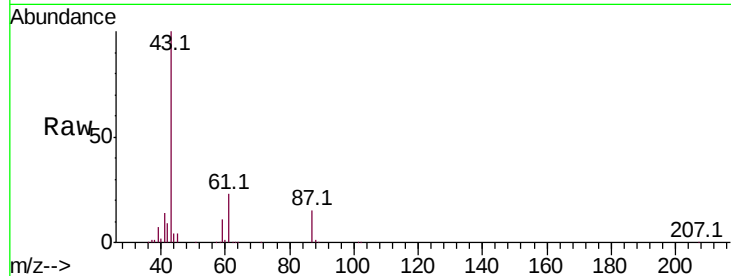


#43

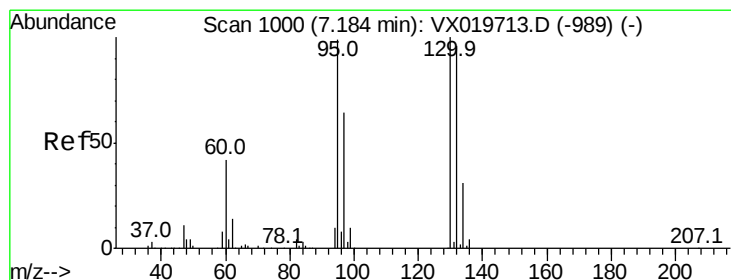
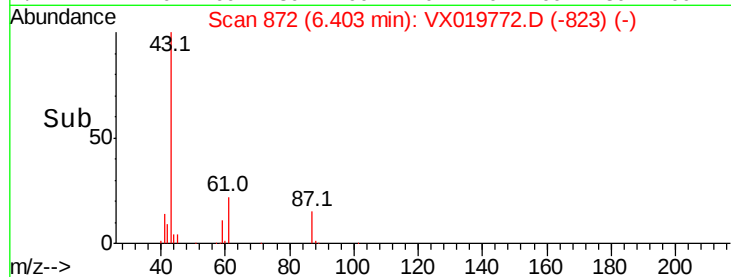
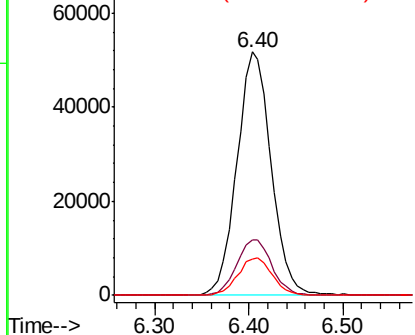
Isopropyl Acetate
 Concen: 19.114 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX1209WBSD01

Tot Ion: 43 Resp: 131380
 Ion Ratio Lower Upper
 43 100
 61 23.5 18.2 27.4
 87 15.4 12.5 18.7



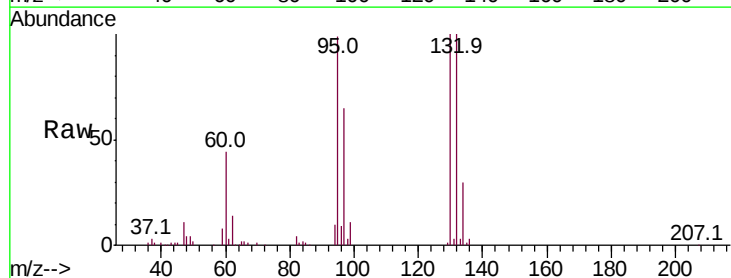
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



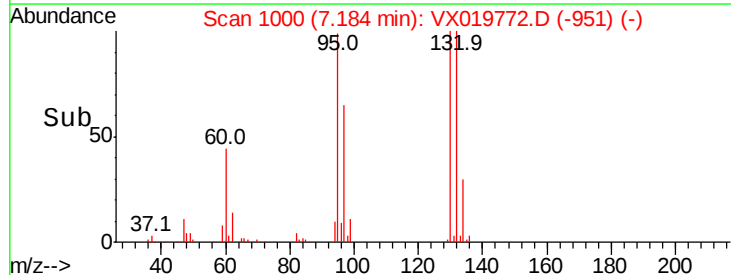
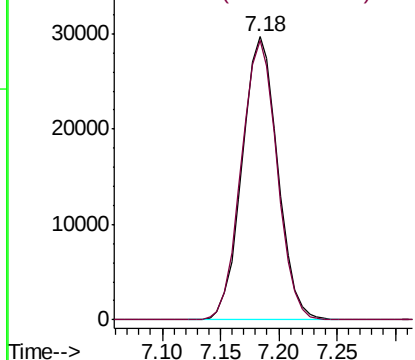
#44

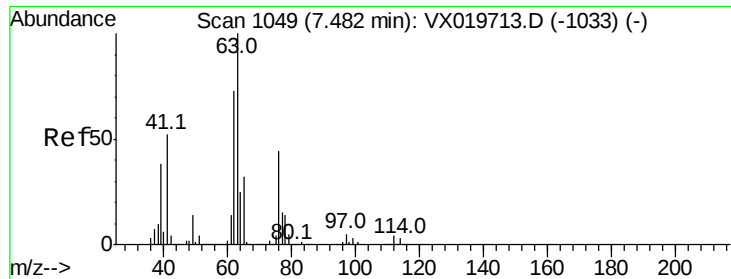
Trichloroethene
 Concen: 18.898 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion:130 Resp: 63424
 Ion Ratio Lower Upper
 130 100
 95 98.9 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.519 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

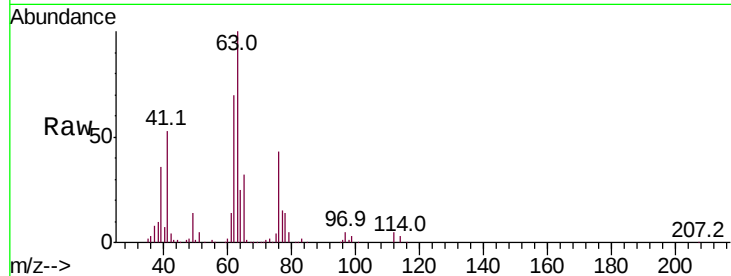
VX1209WBSD01

Tot Ion: 63 Resp: 62399

Ion Ratio Lower Upper

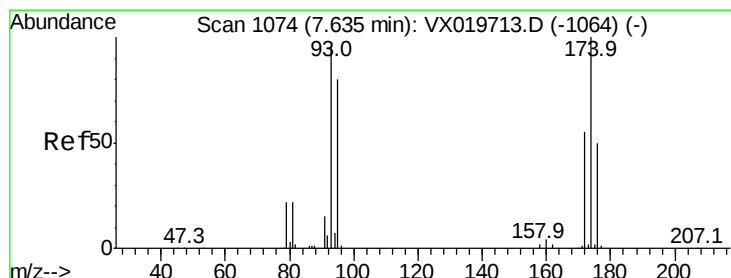
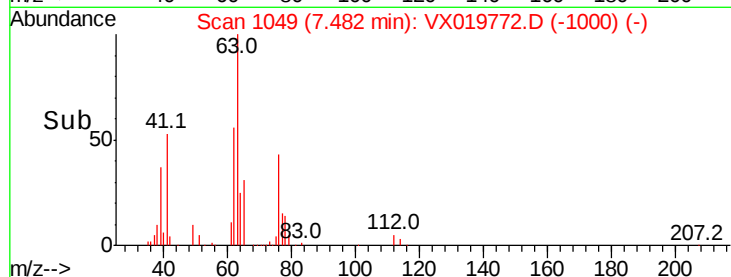
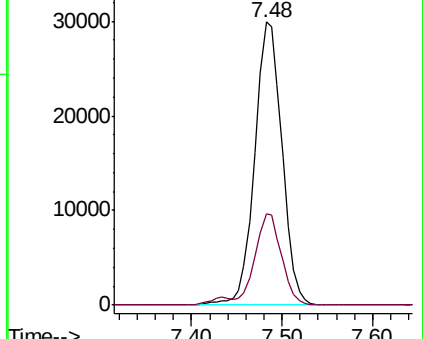
63 100

65 32.5 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.613 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

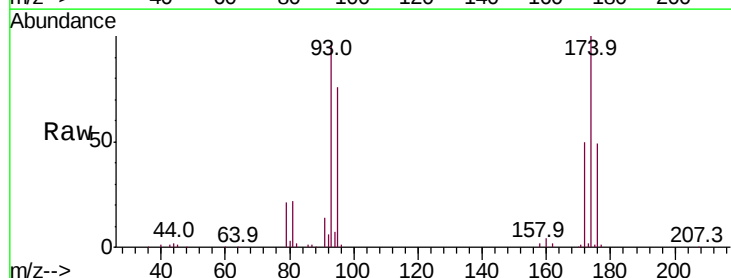
Tgt Ion: 93 Resp: 42342

Ion Ratio Lower Upper

93 100

95 82.4 66.8 100.2

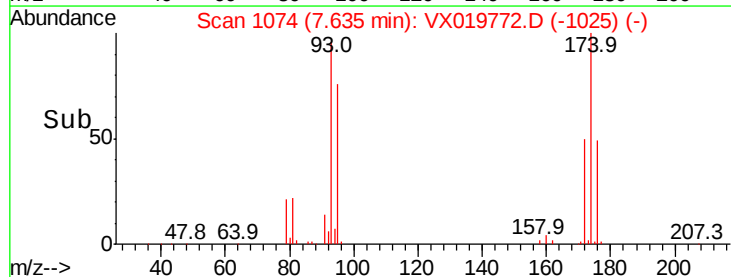
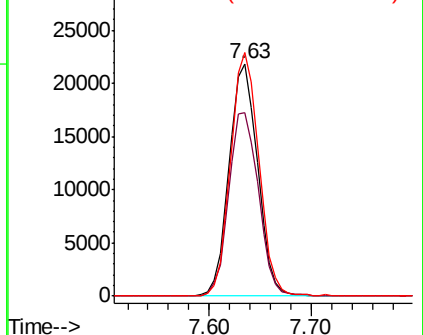
174 103.5 83.1 124.7

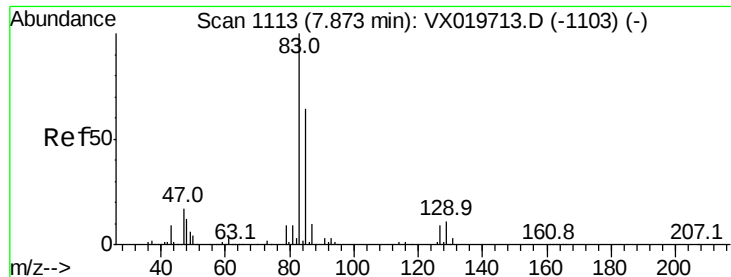


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.237 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

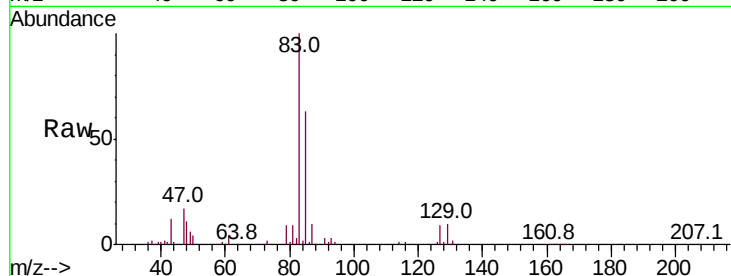
Tot Ion: 83 Resp: 82411

Ion Ratio Lower Upper

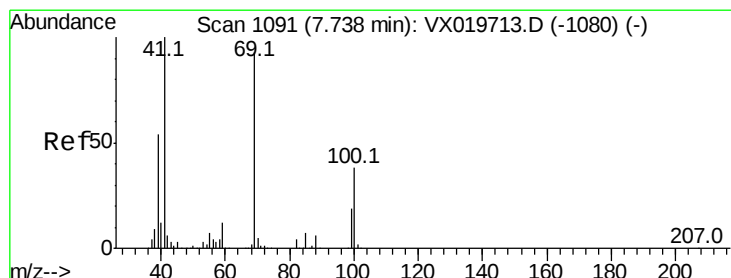
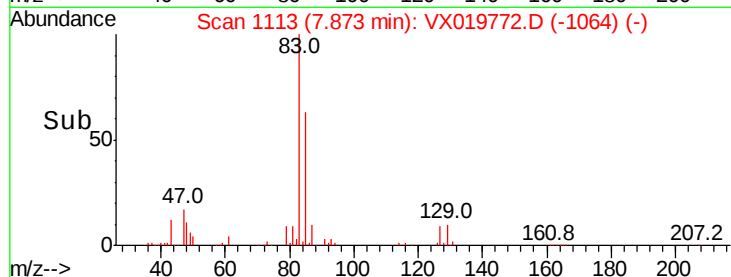
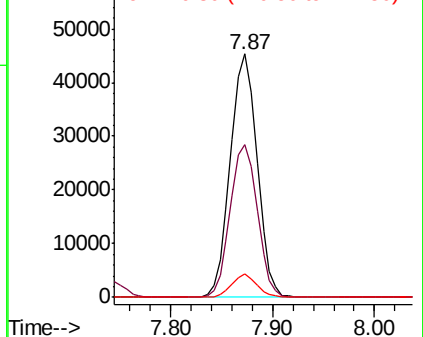
83 100

85 62.6 51.4 77.0

127 9.4 6.8 10.2



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



#48

Methyl methacrylate

Concen: 19.055 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

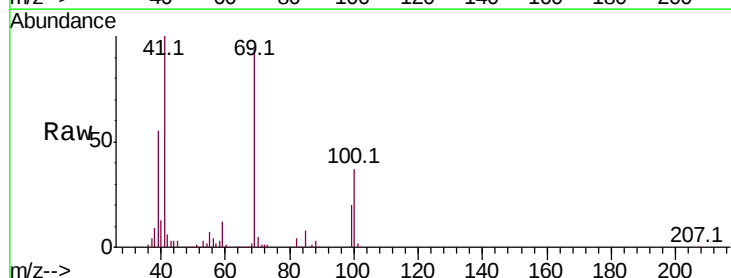
Tgt Ion: 41 Resp: 64417

Ion Ratio Lower Upper

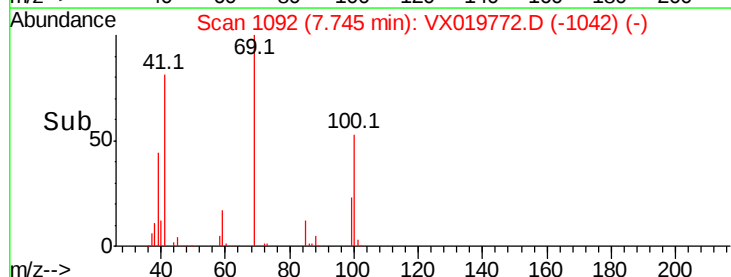
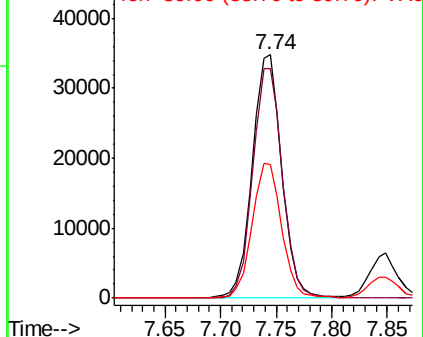
41 100

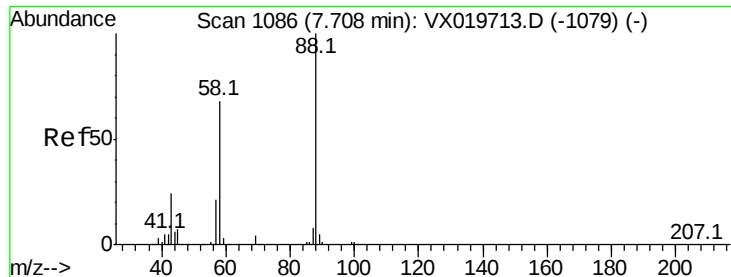
69 94.7 76.0 114.0

39 55.5 44.6 67.0



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

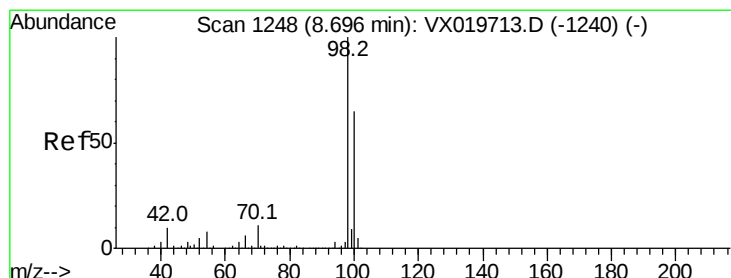
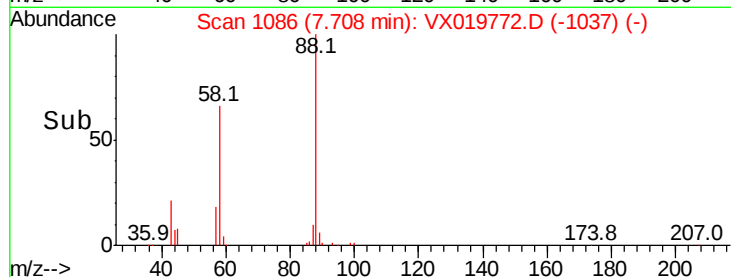
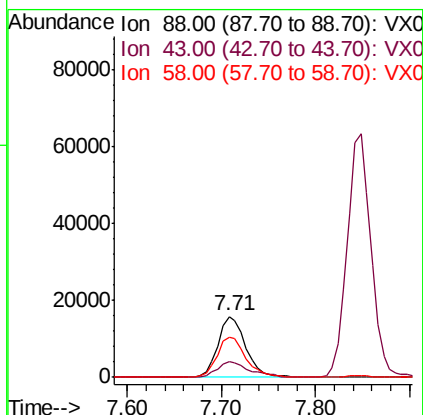
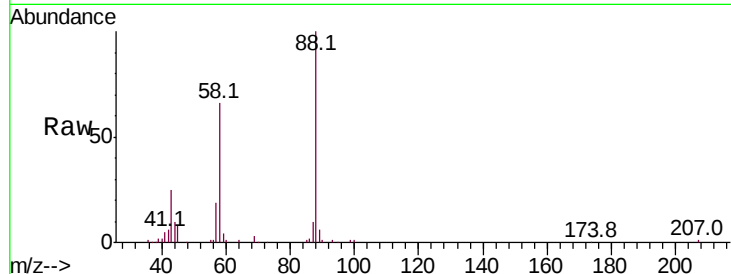




#49
 1,4-Dioxane
 Concen: 394.251 ug/l
 RT: 7.71 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

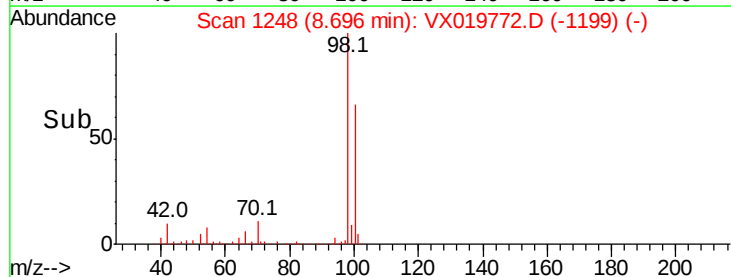
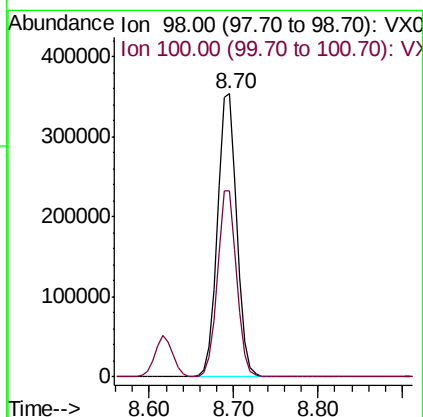
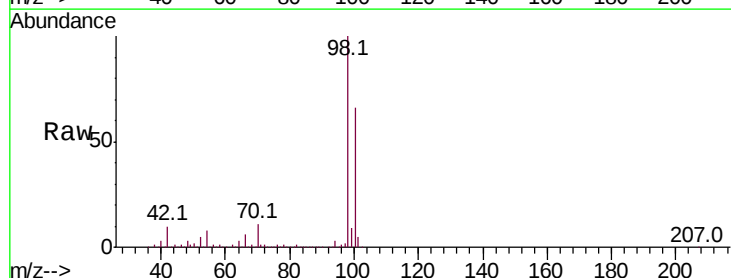
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

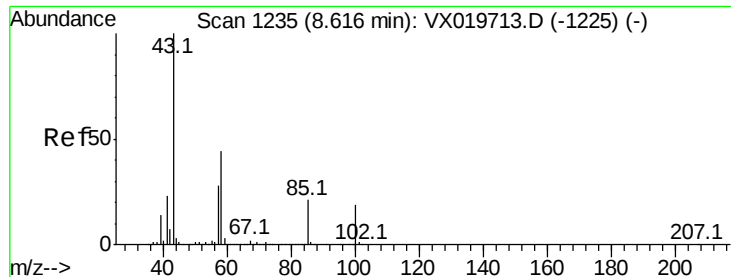
Tot Ion: 88 Resp: 32286
 Ion Ratio Lower Upper
 88 100
 43 28.4 23.2 34.8
 58 69.3 55.0 82.4



#50
 Toluene-d8
 Concen: 49.066 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion: 98 Resp: 561000
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.9 77.9

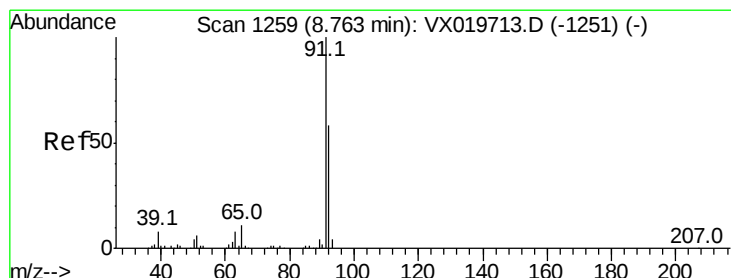
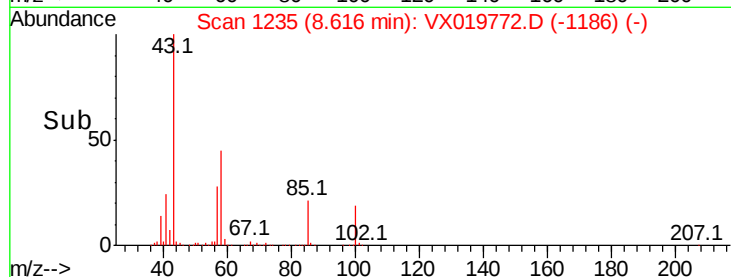
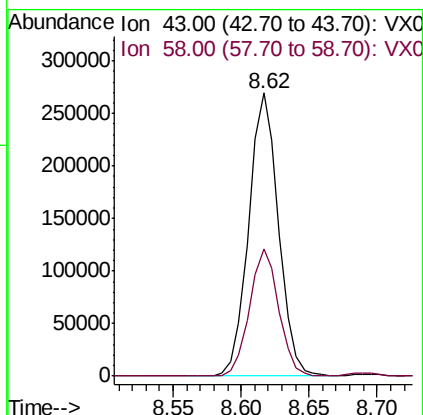
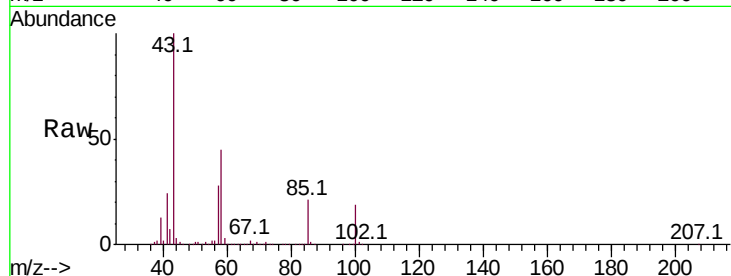




#51
 4-Methyl-2-Pentanone
 Concen: 98.461 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

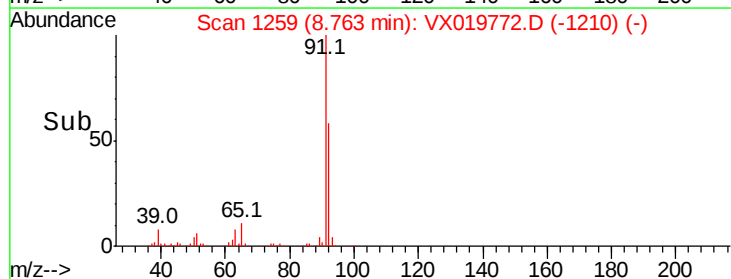
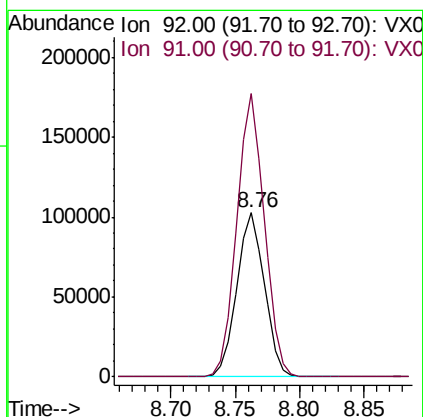
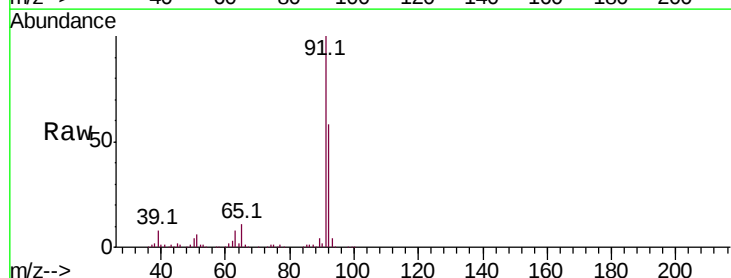
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

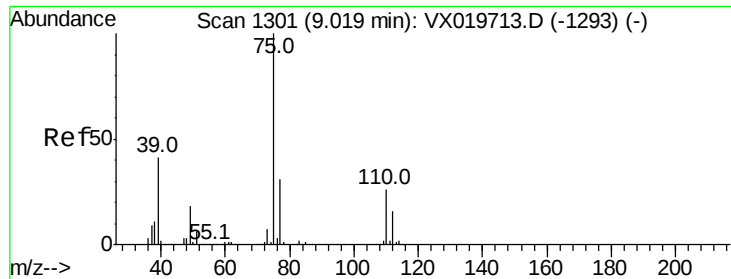
Tot Ion: 43 Resp: 413200
 Ion Ratio Lower Upper
 43 100
 58 44.3 35.4 53.0



#52
 Toluene
 Concen: 19.191 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion: 92 Resp: 153532
 Ion Ratio Lower Upper
 92 100
 91 171.2 137.1 205.7

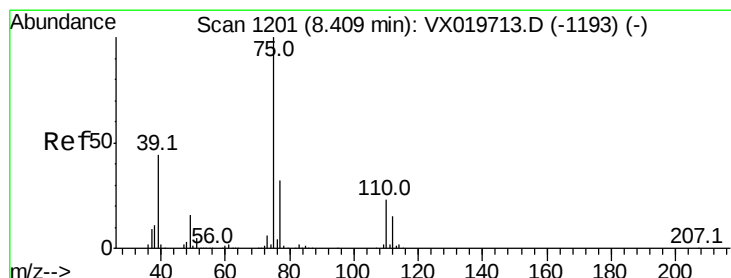
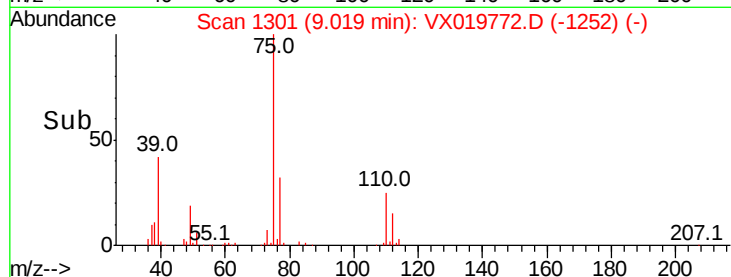
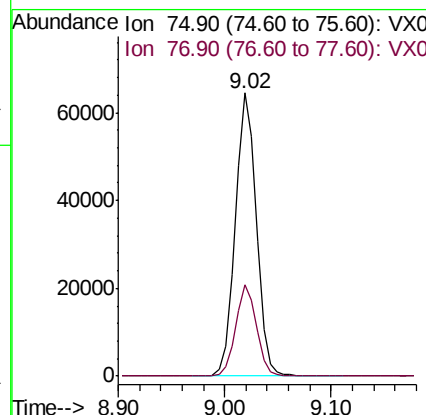
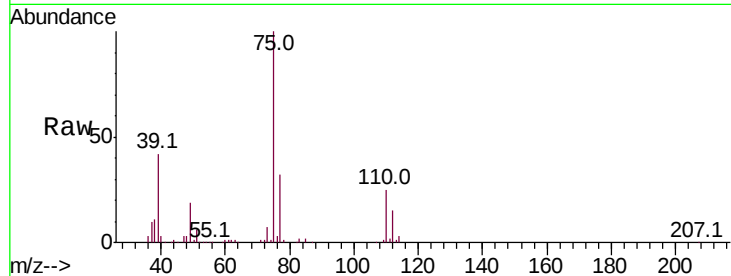




#53
t-1,3-Dichloropropene
Concen: 18.925 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

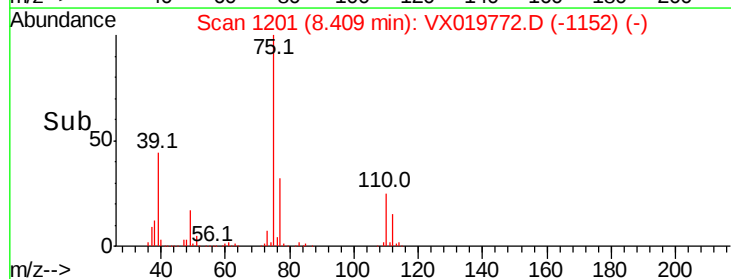
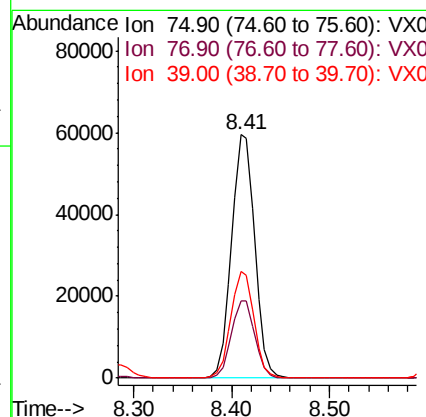
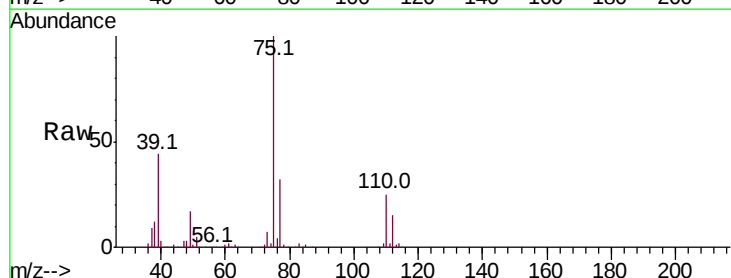
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

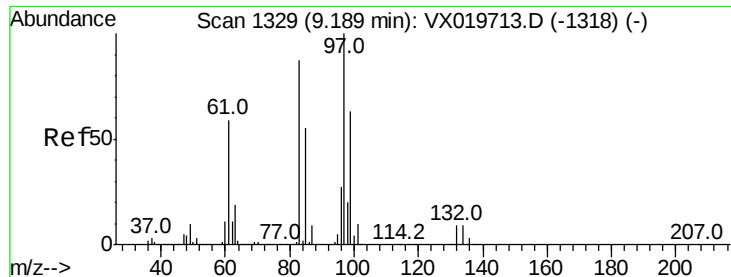
Tot Ion: 75 Resp: 89965
Ion Ratio Lower Upper
75 100
77 32.2 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 19.035 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion: 75 Resp: 98309
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
39 43.8 35.1 52.7





#55

1,1,2-Trichloroethane

Concen: 19.918 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tot Ion: 97 Resp: 64216

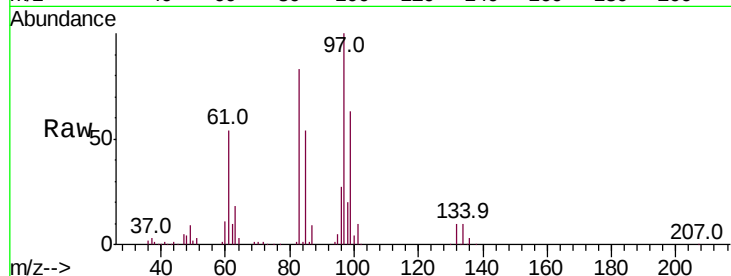
Ion Ratio Lower Upper

97 100

83 83.4 69.3 103.9

85 54.2 44.3 66.5

99 62.8 50.3 75.5



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

60000

40000

20000

0

9.20

9.15

9.10

9.05

9.00

8.95

8.90

8.85

8.80

8.75

8.70

8.65

8.60

8.55

8.50

8.45

8.40

8.35

8.30

8.25

8.20

8.15

8.10

8.05

8.00

7.95

7.90

7.85

7.80

7.75

7.70

7.65

7.60

7.55

7.50

7.45

7.40

7.35

7.30

7.25

7.20

7.15

7.10

7.05

7.00

6.95

6.90

6.85

6.80

6.75

6.70

6.65

6.60

6.55

6.50

6.45

6.40

6.35

6.30

6.25

6.20

6.15

6.10

6.05

6.00

5.95

5.90

5.85

5.80

5.75

5.70

5.65

5.60

5.55

5.50

5.45

5.40

5.35

5.30

5.25

5.20

5.15

5.10

5.05

5.00

4.95

4.90

4.85

4.80

4.75

4.70

4.65

4.60

4.55

4.50

4.45

4.40

4.35

4.30

4.25

4.20

4.15

4.10

4.05

4.00

3.95

3.90

3.85

3.80

3.75

3.70

3.65

3.60

3.55

3.50

3.45

3.40

3.35

3.30

3.25

3.20

3.15

3.10

3.05

3.00

2.95

2.90

2.85

2.80

2.75

2.70

2.65

2.60

2.55

2.50

2.45

2.40

2.35

2.30

2.25

2.20

2.15

2.10

2.05

2.00

1.95

1.90

1.85

1.80

1.75

1.70

1.65

1.60

1.55

1.50

1.45

1.40

1.35

1.30

1.25

1.20

1.15

1.10

1.05

1.00

0.95

0.90

0.85

0.80

0.75

0.70

0.65

0.60

0.55

0.50

0.45

0.40

0.35

0.30

0.25

0.20

0.15

0.10

0.05

0.00

-0.05

-0.10

-0.15

-0.20

-0.25

-0.30

-0.35

-0.40

-0.45

-0.50

-0.55

-0.60

-0.65

-0.70

-0.75

-0.80

-0.85

-0.90

-0.95

-1.00

-1.05

-1.10

-1.15

-1.20

-1.25

-1.30

-1.35

-1.40

-1.45

-1.50

-1.55

-1.60

-1.65

-1.70

-1.75

-1.80

-1.85

-1.90

-1.95

-2.00

-2.05

-2.10

-2.15

-2.20

-2.25

-2.30

-2.35

-2.40

-2.45

-2.50

-2.55

-2.60

-2.65

-2.70

-2.75

-2.80

-2.85

-2.90

-2.95

-3.00

-3.05

-3.10

-3.15

-3.20

-3.25

-3.30

-3.35

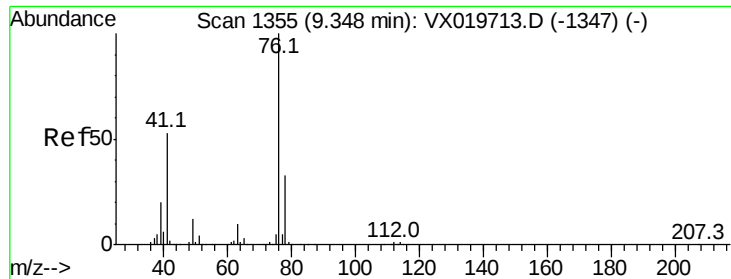
-3.40

-3.45

-3.50

-3.55

-3.60



#57

1,3-Dichloropropane

Concen: 19.432 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

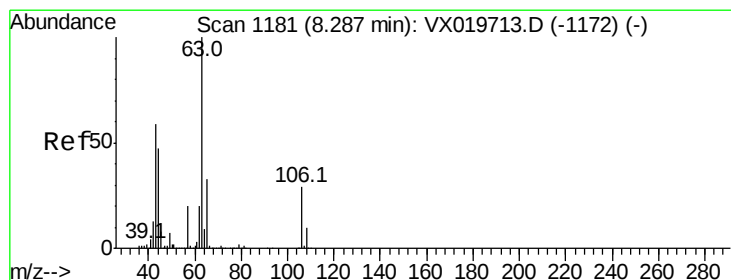
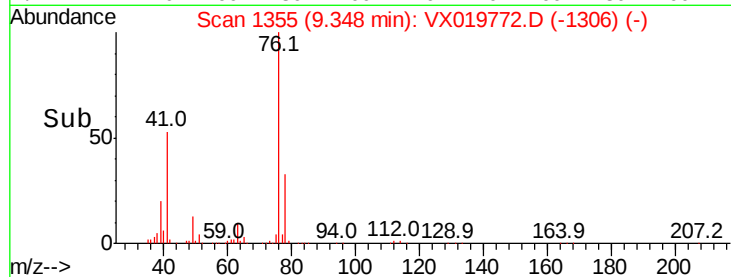
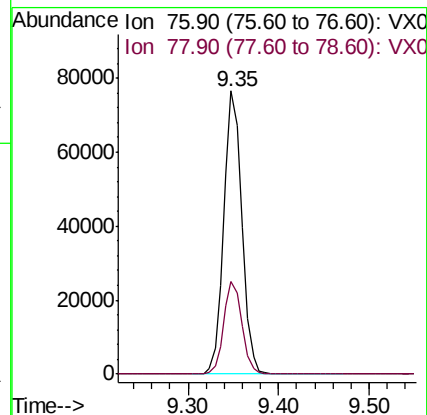
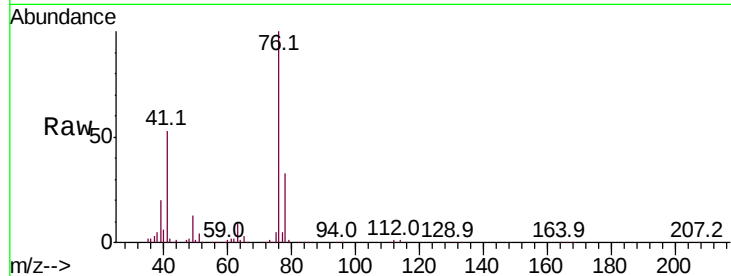
VX1209WBSD01

Tot Ion: 76 Resp: 106970

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 99.707 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019772.D

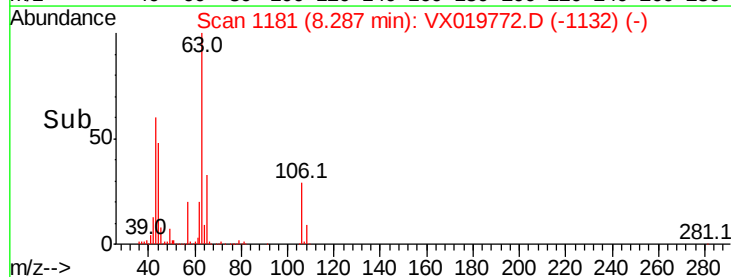
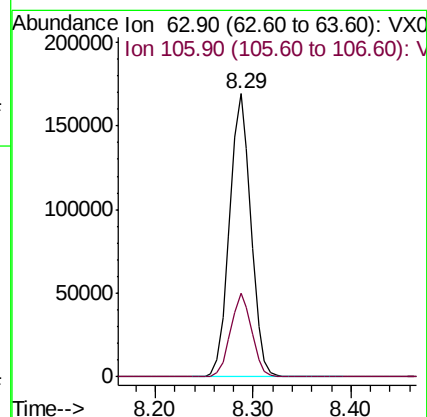
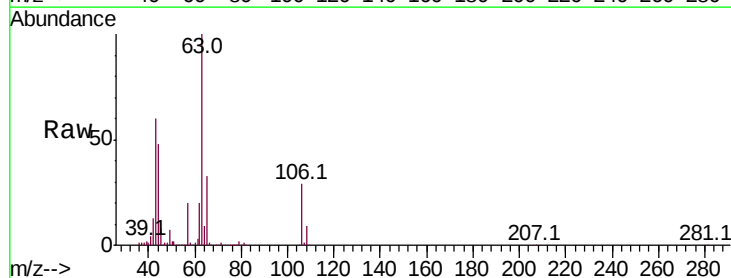
Acq: 09 Dec 2020 12:41

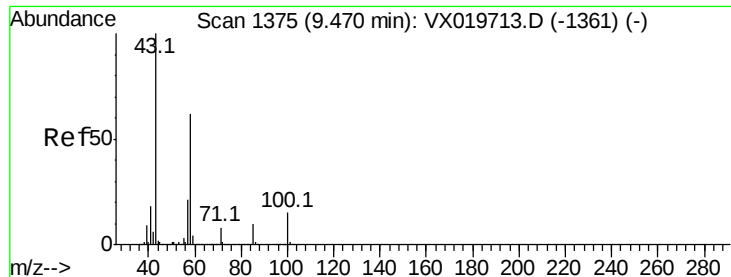
Tgt Ion: 63 Resp: 257645

Ion Ratio Lower Upper

63 100

106 29.2 23.5 35.3

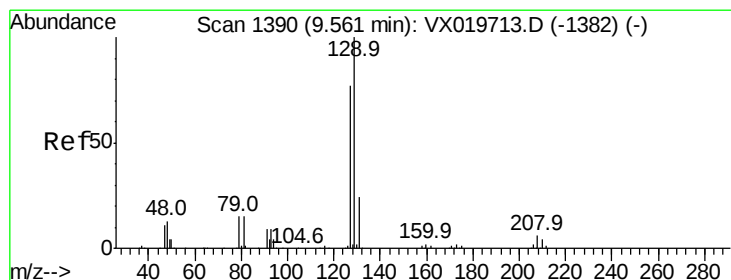
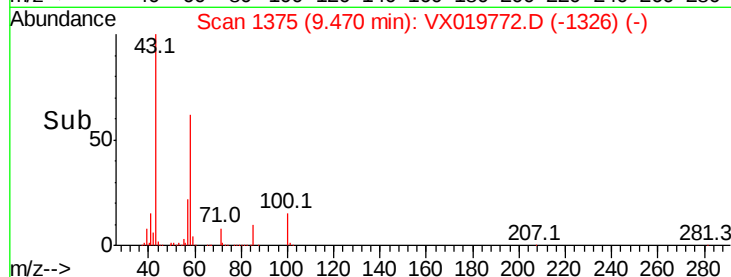
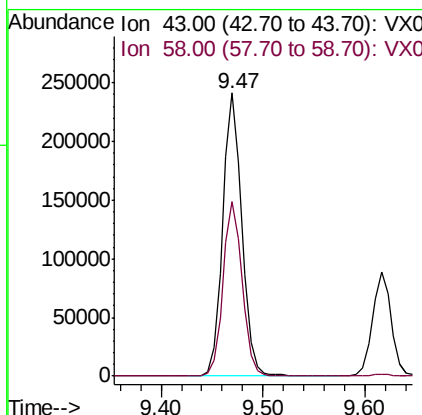
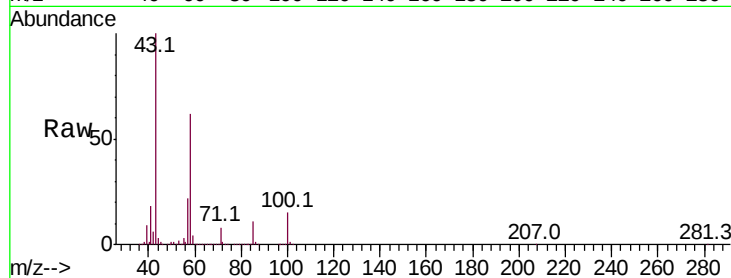




#59
2-Hexanone
Concen: 96.765 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

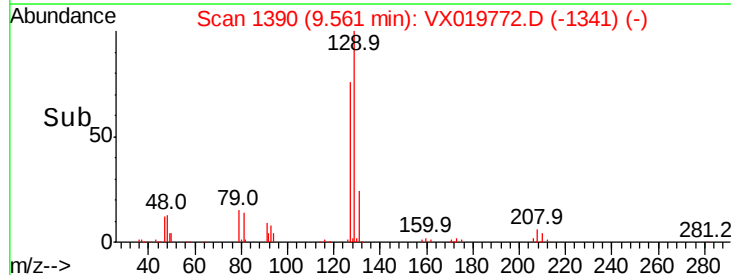
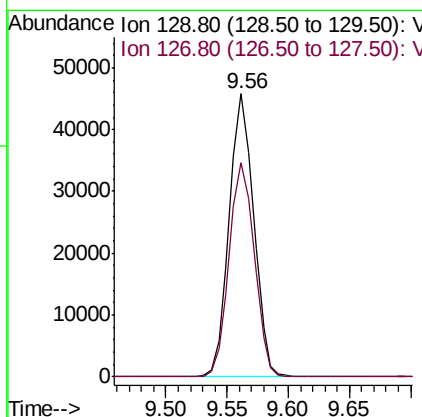
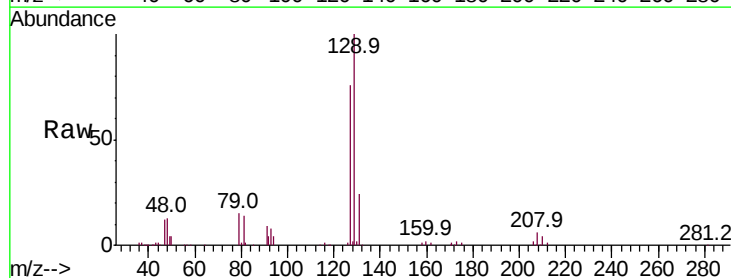
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

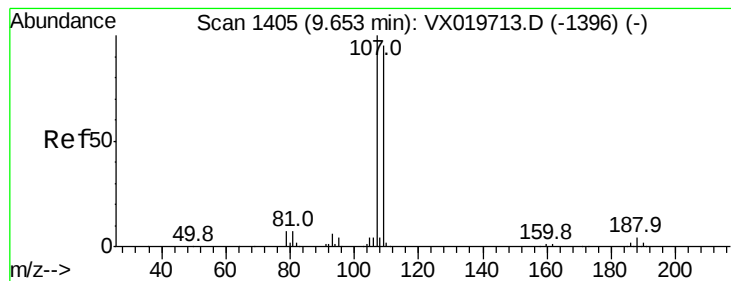
Tot Ion: 43 Resp: 314767
Ion Ratio Lower Upper
43 100
58 61.6 30.9 92.8



#60
Dibromochloromethane
Concen: 19.423 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion: 129 Resp: 63621
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.457 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

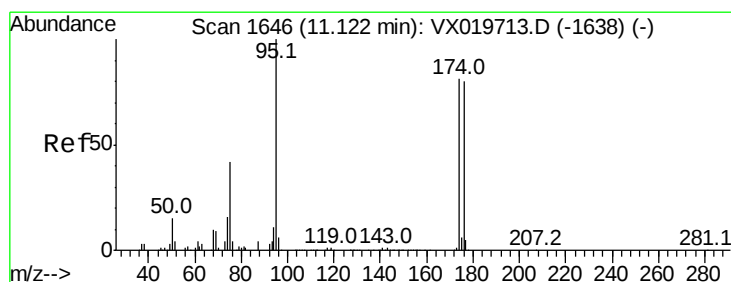
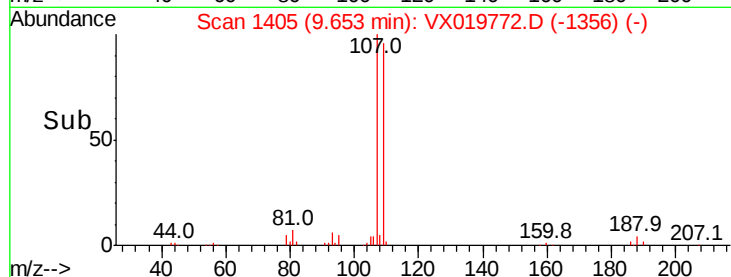
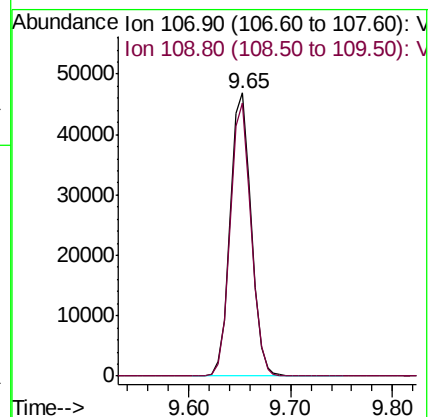
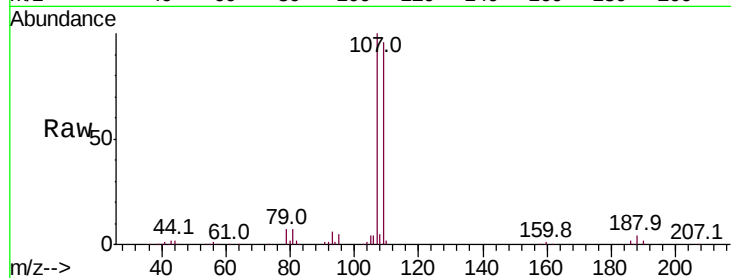
VX1209WBSD01

Tot Ion:107 Resp: 66609

Ion Ratio Lower Upper

107 100

109 95.5 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 48.083 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

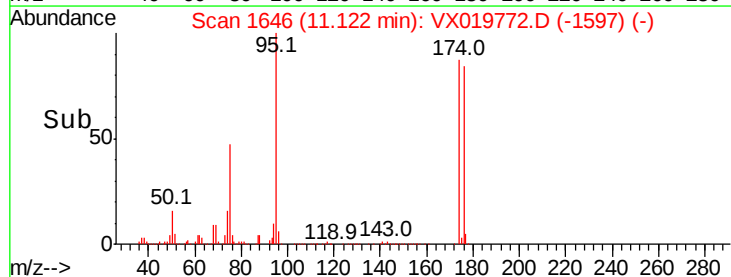
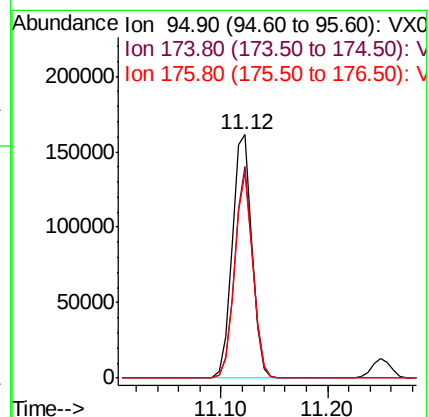
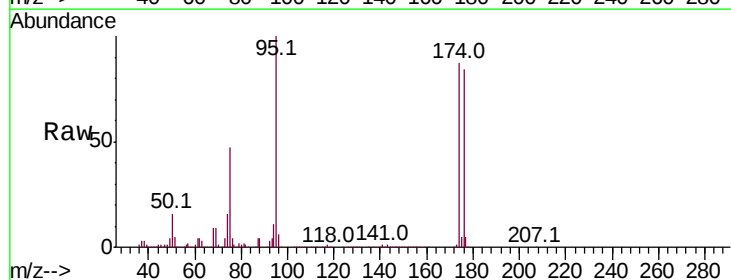
Tgt Ion: 95 Resp: 209245

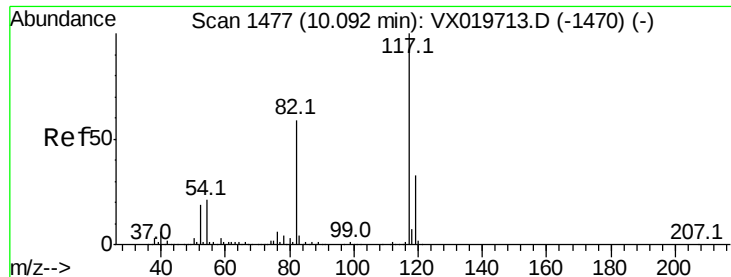
Ion Ratio Lower Upper

95 100

174 79.8 0.0 154.6

176 78.0 0.0 155.8

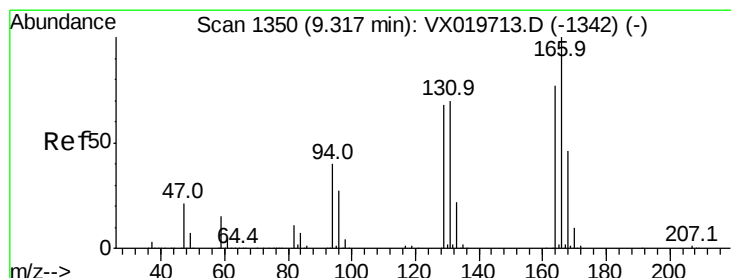
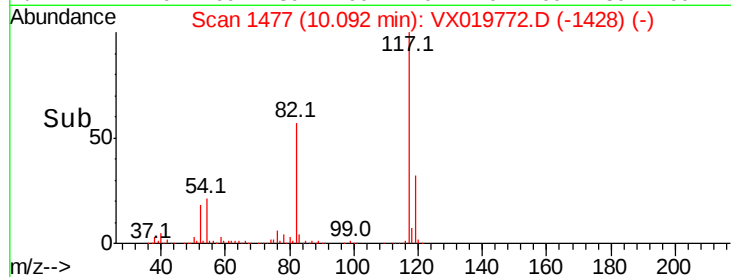
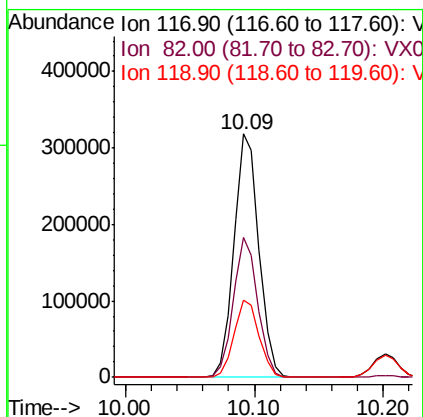
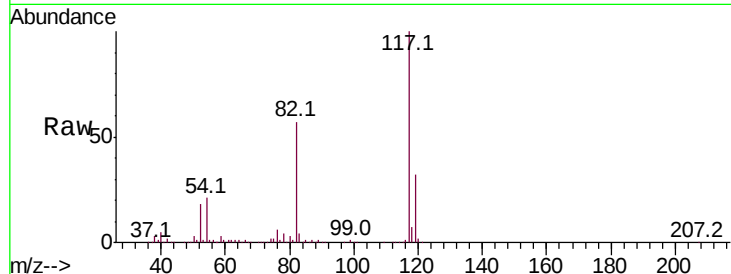




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

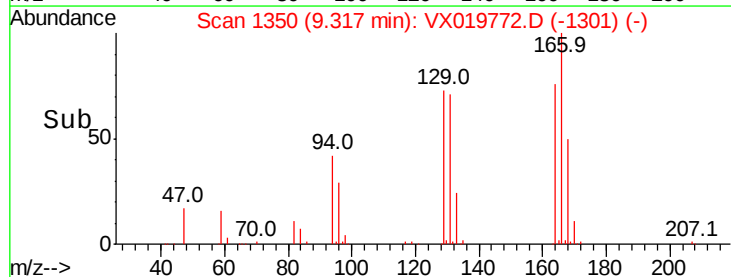
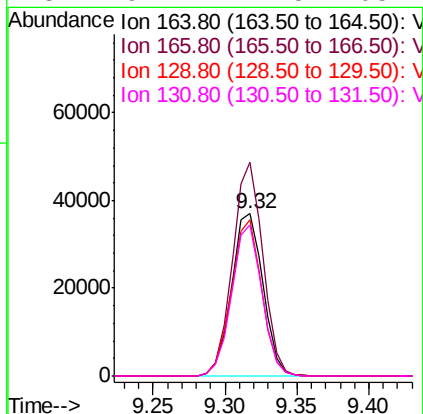
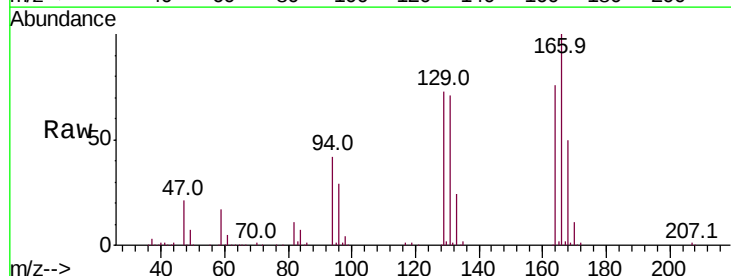
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

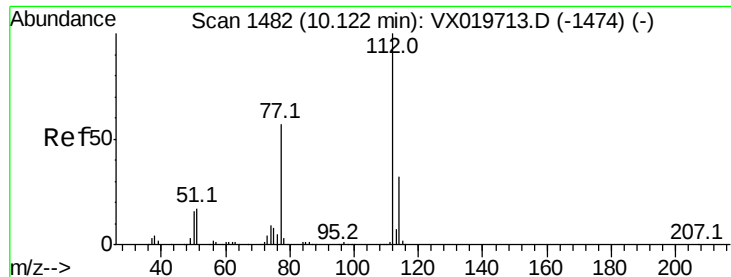
Tot Ion:117 Resp: 428236
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.7 26.6 39.8



#64
Tetrachloroethene
Concen: 19.685 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion:164 Resp: 56532
Ion Ratio Lower Upper
164 100
166 131.5 103.4 155.2
129 96.3 70.8 106.2
131 92.7 72.5 108.7





#65

Chlorobenzene

Concen: 19.240 ug/l

RT: 10.12 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

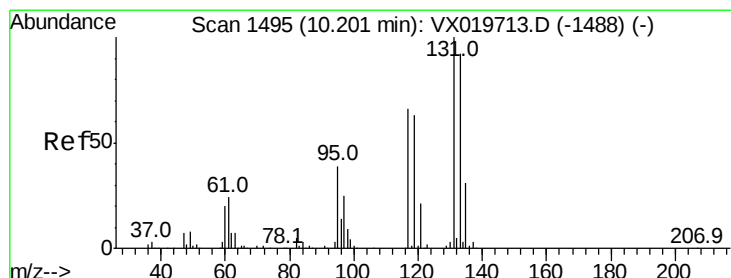
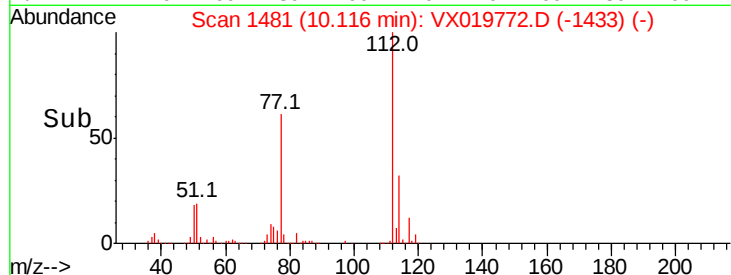
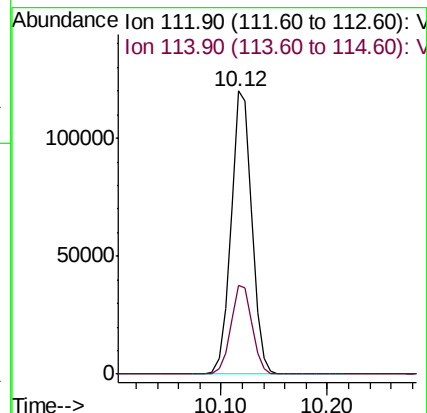
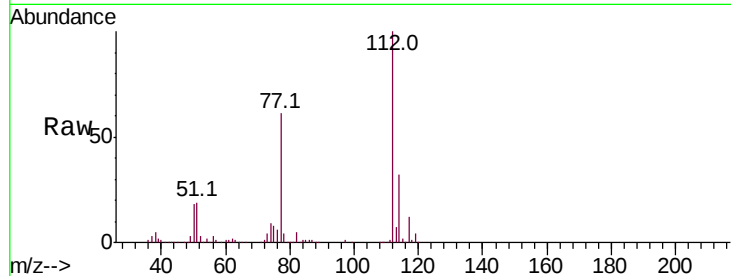
VX1209WBSD01

Tot Ion:112 Resp: 164152

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.423 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

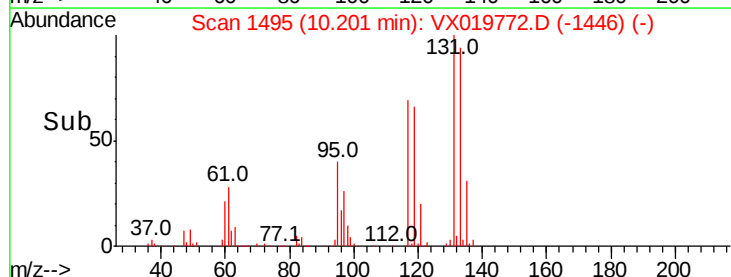
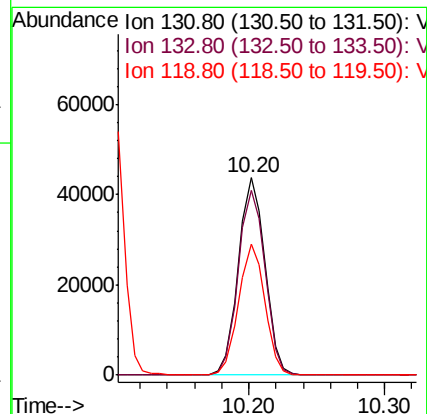
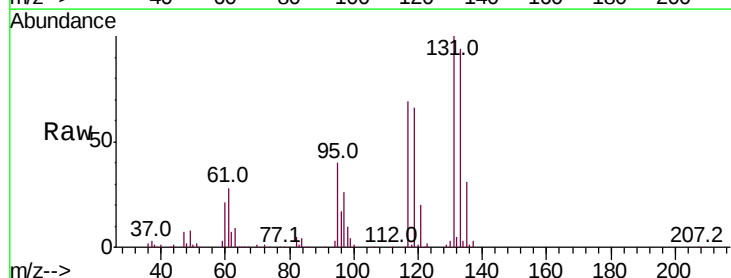
Tgt Ion:131 Resp: 59644

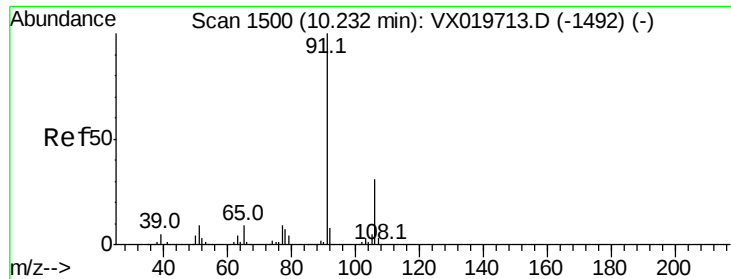
Ion Ratio Lower Upper

131 100

133 94.4 47.7 143.1

119 65.8 32.1 96.5





#67

Ethyl Benzene

Concen: 19.223 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

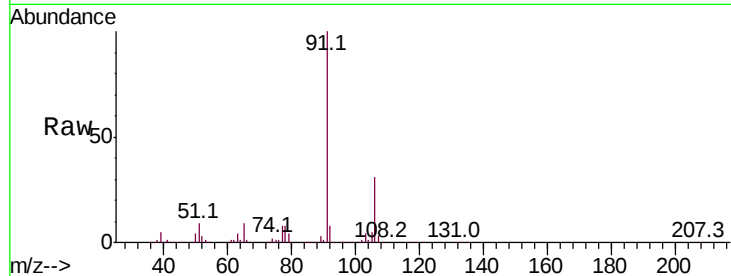
VX1209WBSD01

Tot Ion: 91 Resp: 291121

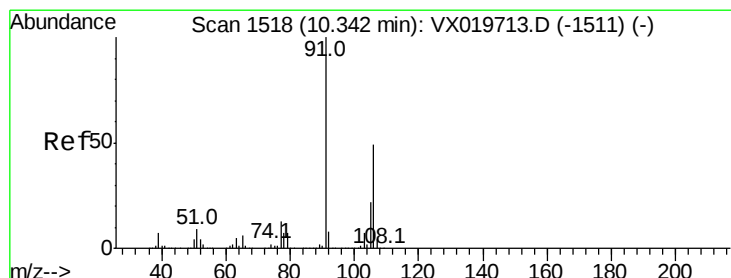
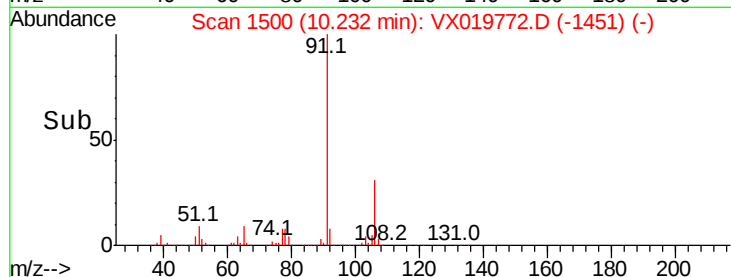
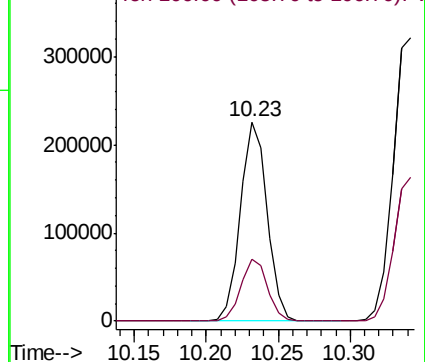
Ion Ratio Lower Upper

91 100

106 30.9 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1492) (-)



#68

m/p-Xylenes

Concen: 39.030 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019772.D

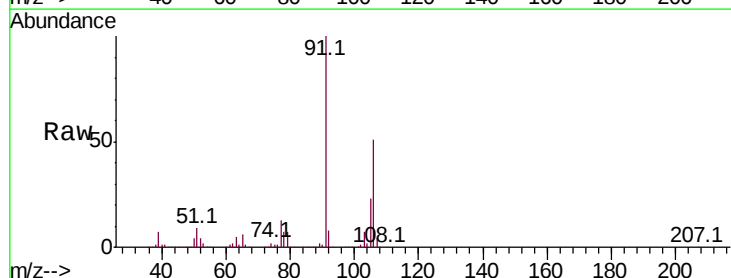
Acq: 09 Dec 2020 12:41

Tgt Ion: 106 Resp: 222723

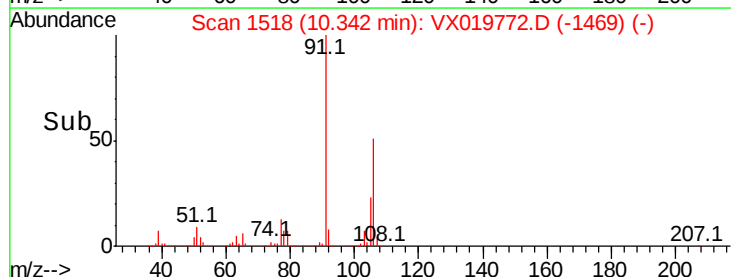
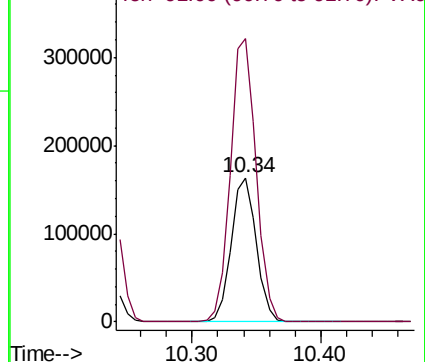
Ion Ratio Lower Upper

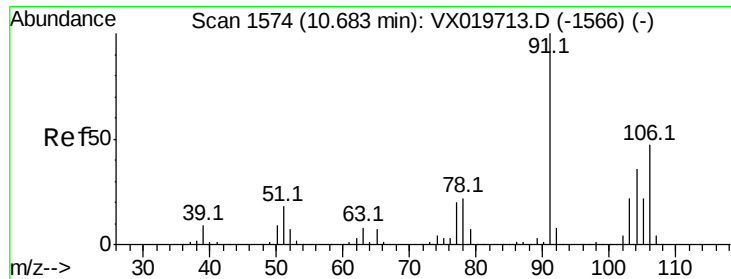
106 100

91 201.3 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): VX019713.D (-1511) (-)

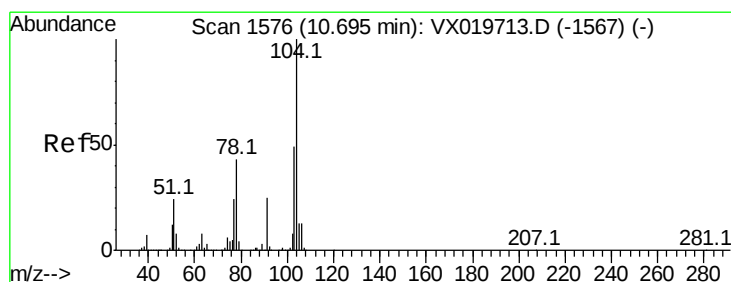
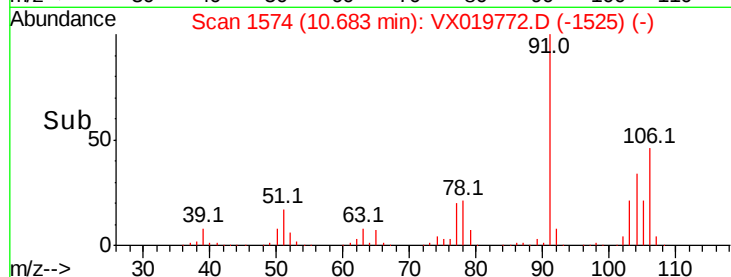
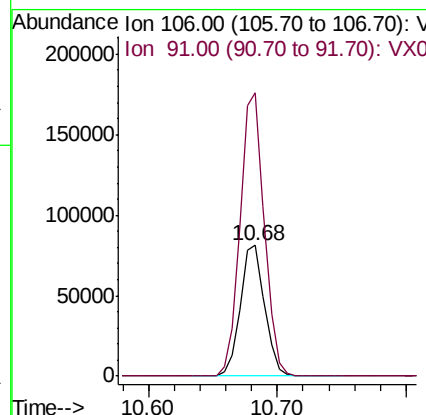
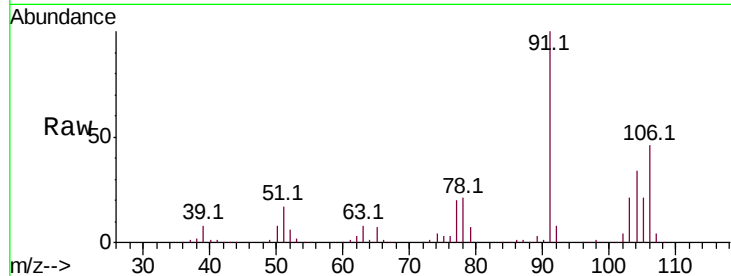




#69
o-Xylene
Concen: 19.295 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

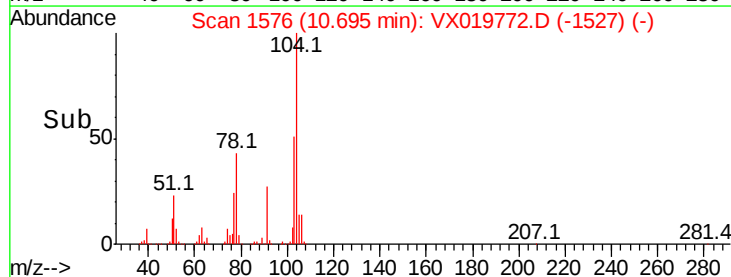
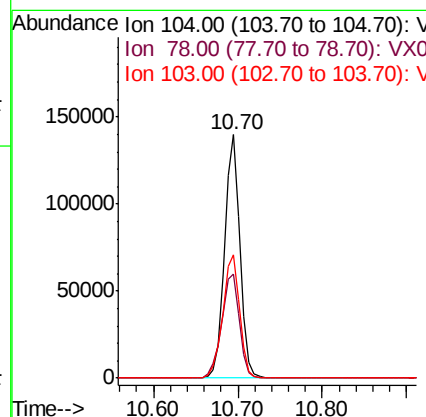
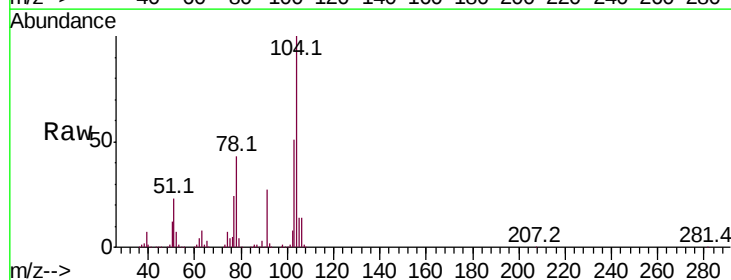
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

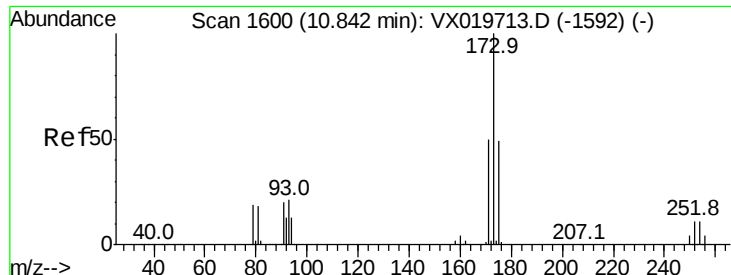
Tot Ion:106 Resp: 105917
Ion Ratio Lower Upper
106 100
91 216.6 108.1 324.2



#70
Styrene
Concen: 19.079 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion:104 Resp: 176775
Ion Ratio Lower Upper
104 100
78 49.6 40.0 60.0
103 55.8 43.4 65.0





#71

Bromoform

Concen: 19.001 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

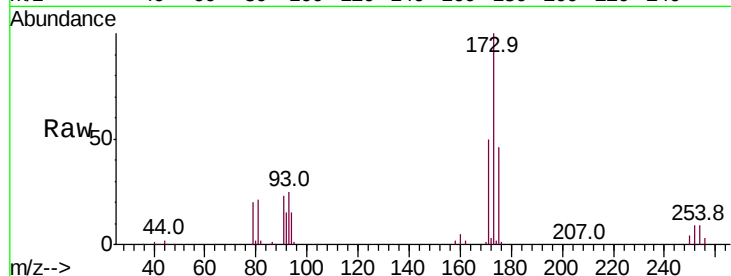
Tot Ion:173 Resp: 45900

Ion Ratio Lower Upper

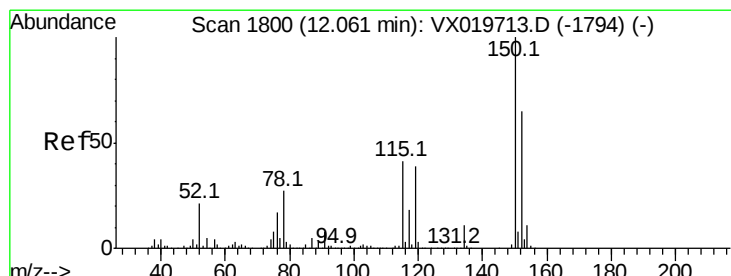
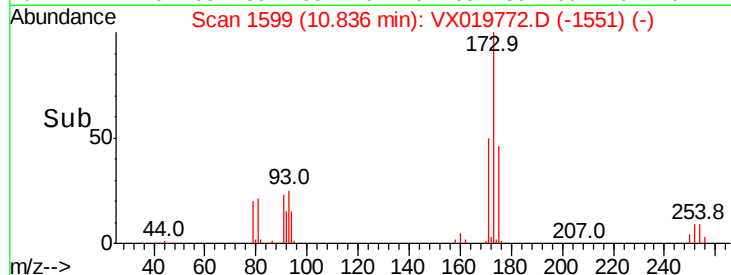
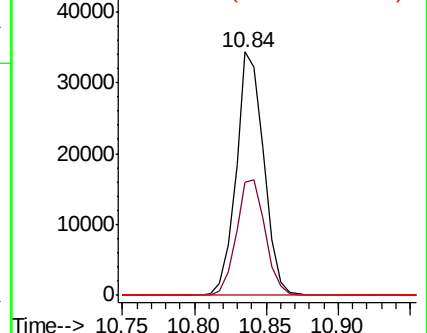
173 100

175 49.5 23.9 71.8

254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

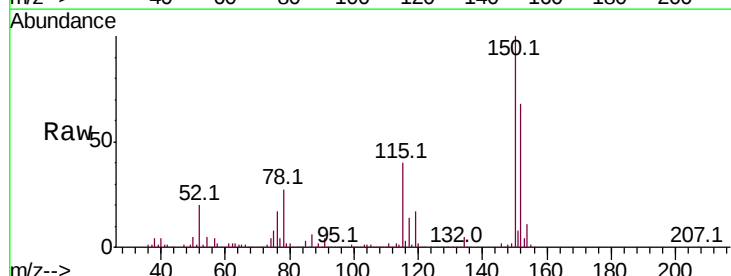
Tgt Ion:152 Resp: 214398

Ion Ratio Lower Upper

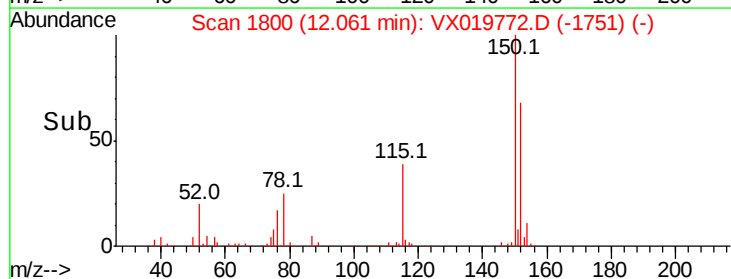
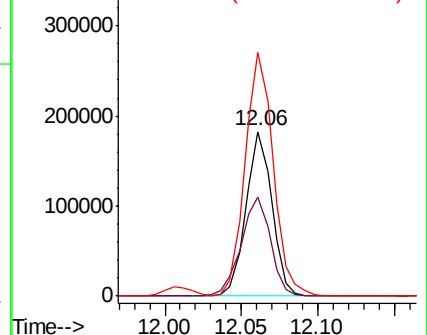
152 100

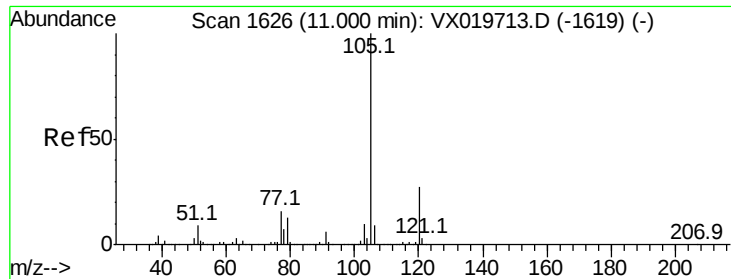
115 67.6 41.1 123.3

150 160.6 0.0 349.0



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





#73

Isopropylbenzene

Concen: 19.391 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampled :

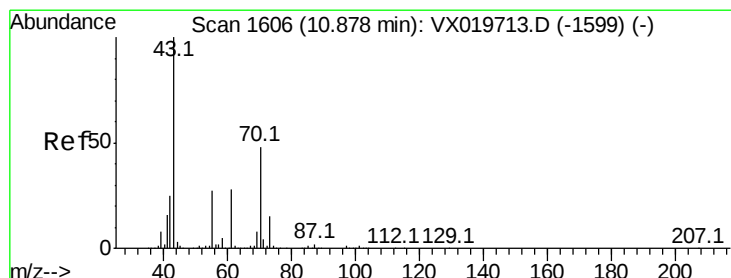
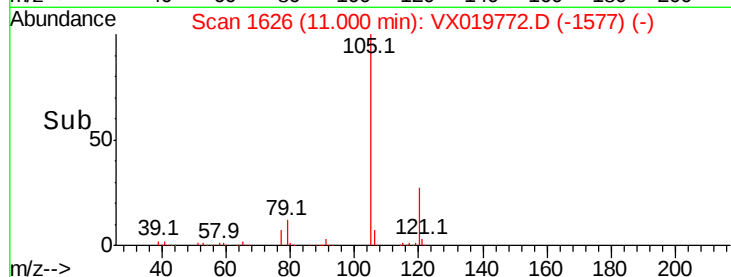
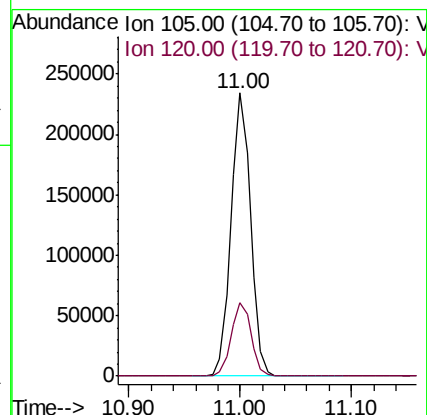
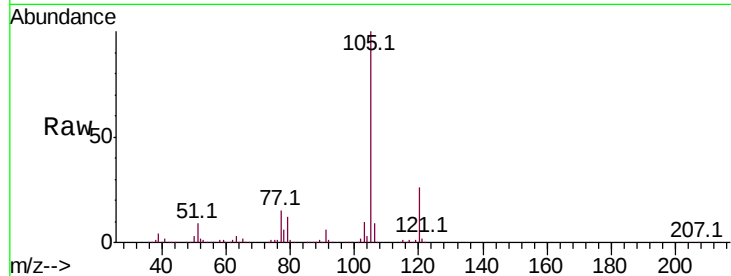
VX1209WBSD01

Tot Ion:105 Resp: 284029

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 18.402 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Tgt Ion: 43 Resp: 108021

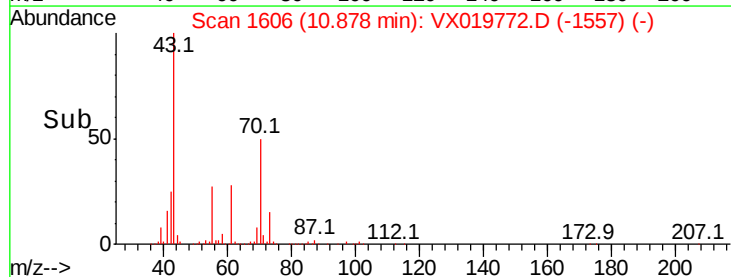
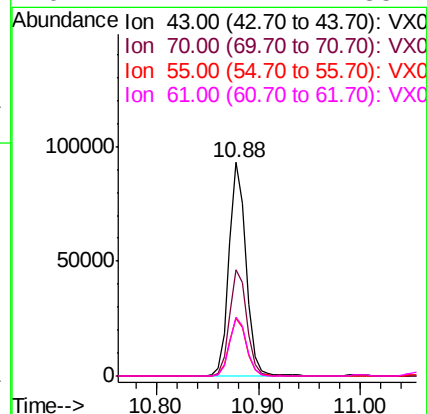
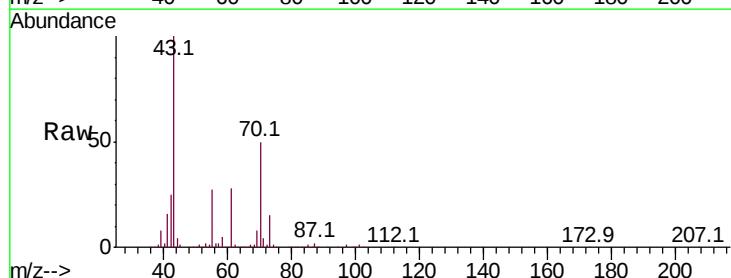
Ion Ratio Lower Upper

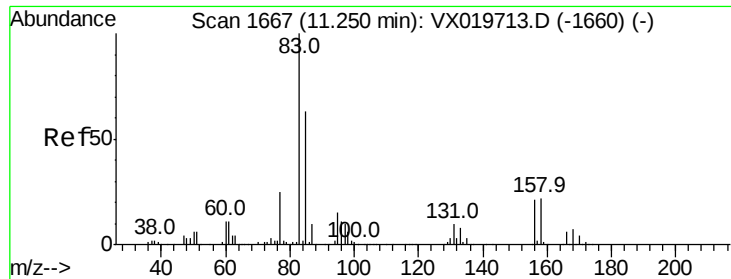
43 100

70 50.4 39.0 58.6

55 27.5 21.5 32.3

61 27.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.634 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

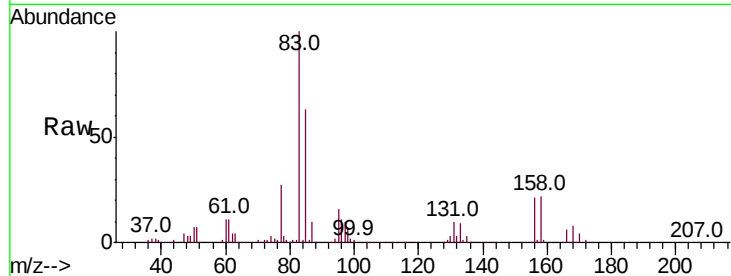
Tot Ion: 83 Resp: 101394

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

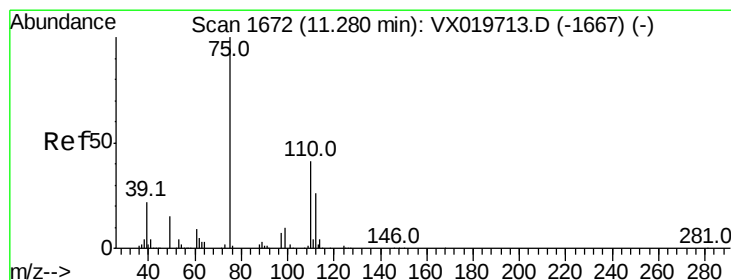
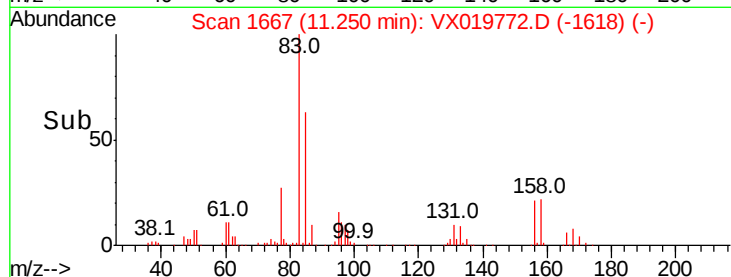
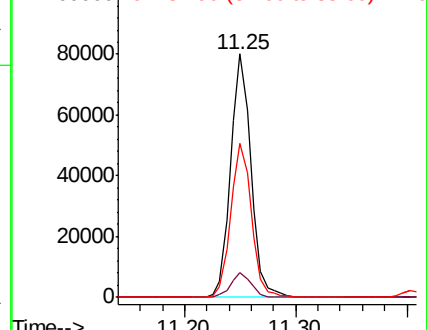
85 64.3 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.577 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019772.D

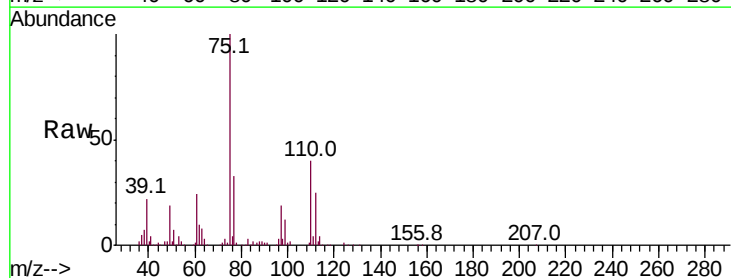
Acq: 09 Dec 2020 12:41

Tgt Ion: 75 Resp: 113371

Ion Ratio Lower Upper

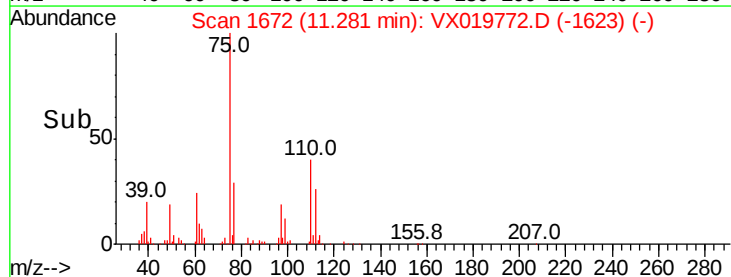
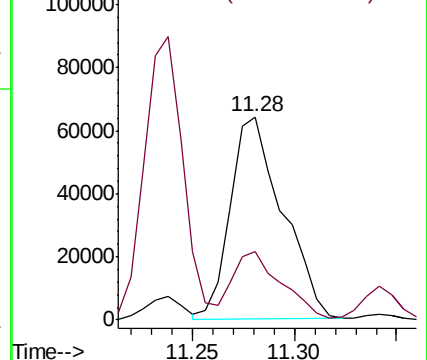
75 100

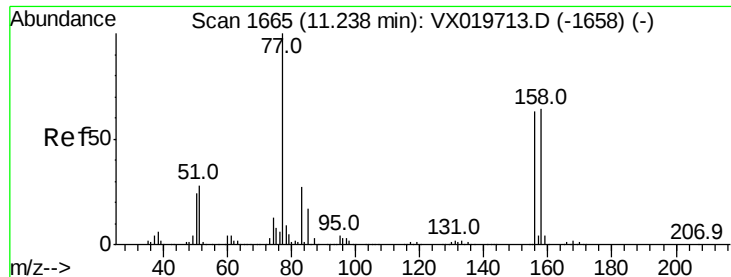
77 31.7 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.137 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

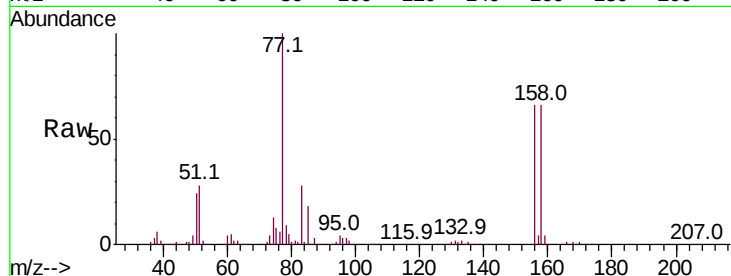
Tot Ion:156 Resp: 71735

Ion Ratio Lower Upper

156 100

77 165.7 82.8 248.6

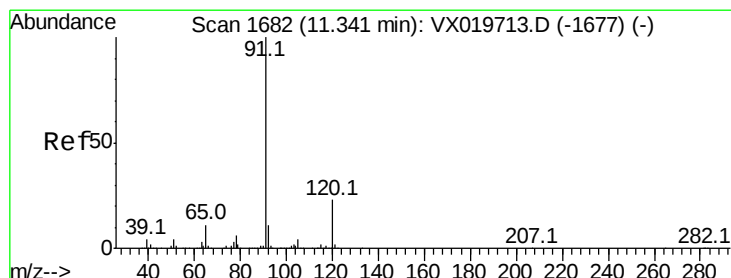
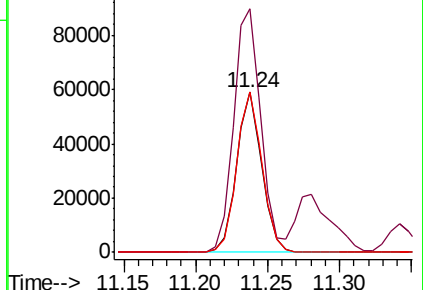
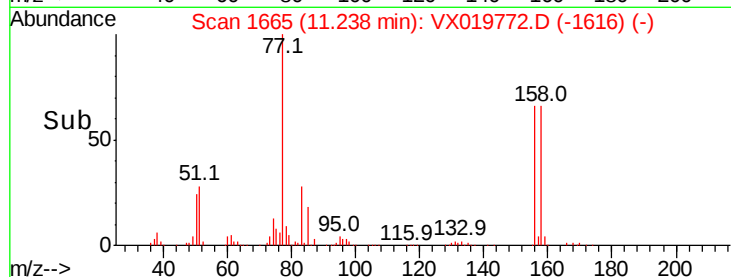
158 100.3 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.333 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019772.D

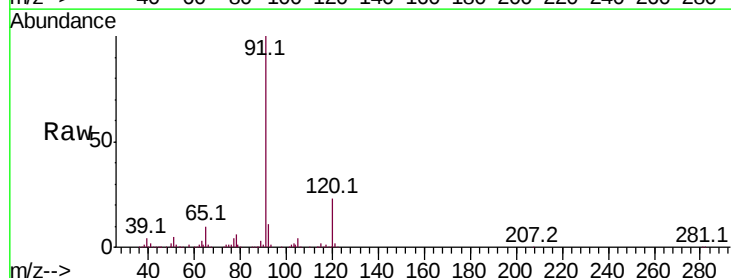
Acq: 09 Dec 2020 12:41

Tgt Ion: 91 Resp: 323433

Ion Ratio Lower Upper

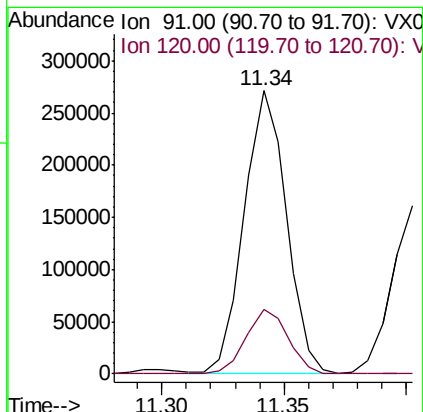
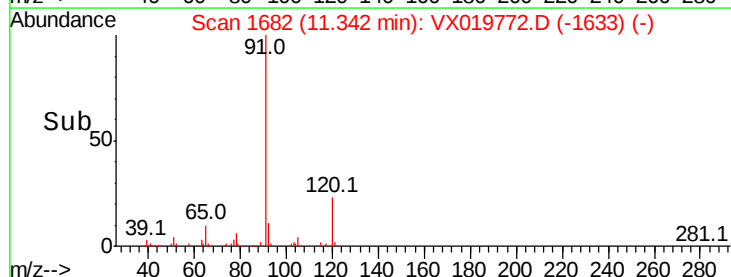
91 100

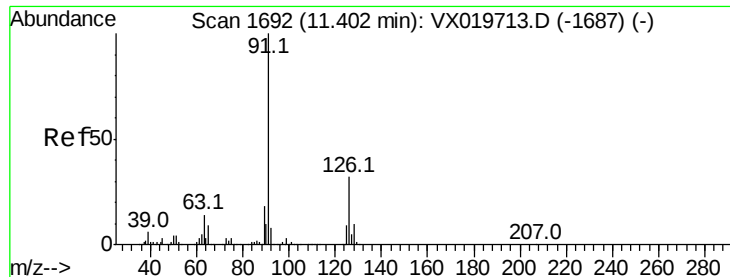
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

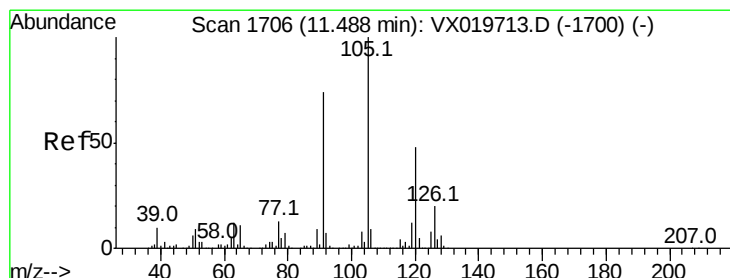
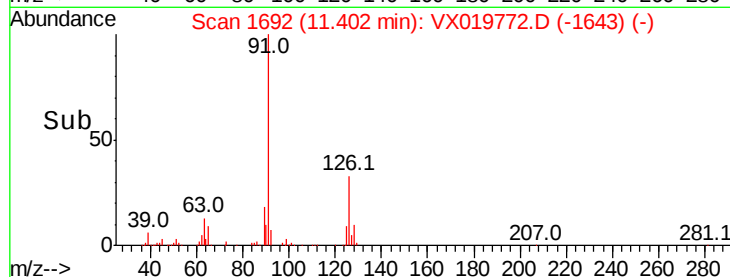
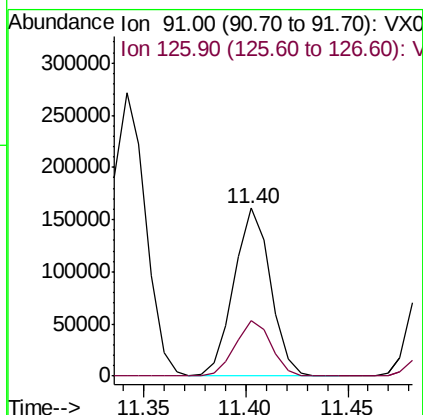
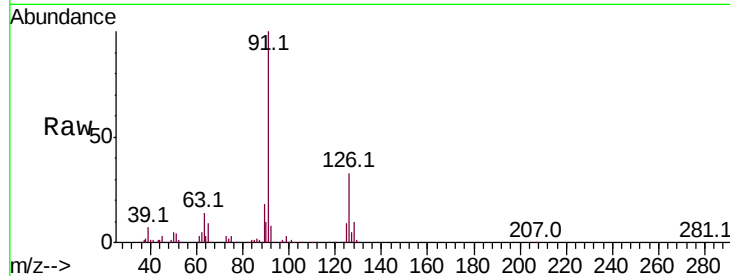




#79
 2-Chlorotoluene
 Concen: 19.288 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

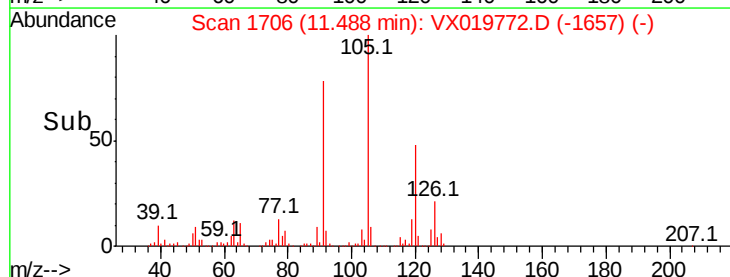
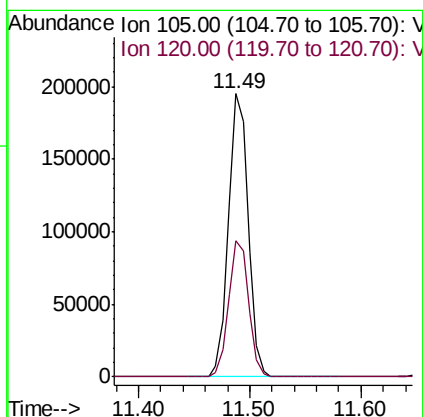
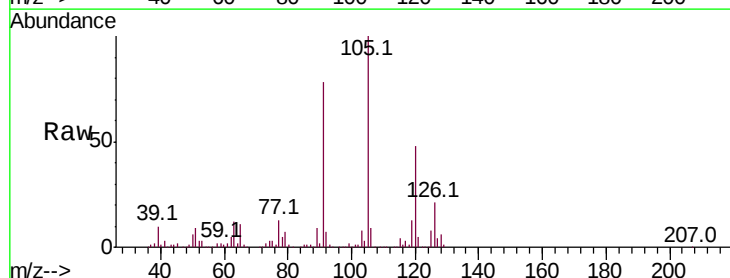
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

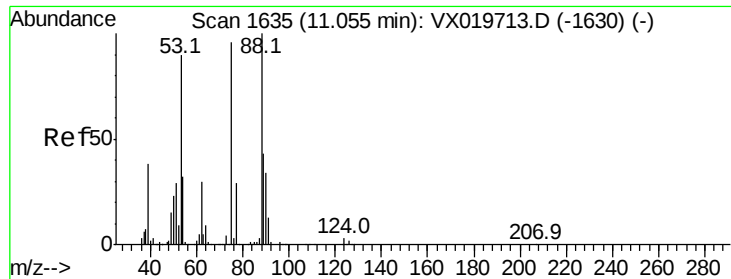
Tot Ion: 91 Resp: 198710
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.345 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion: 105 Resp: 239151
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.8 71.5

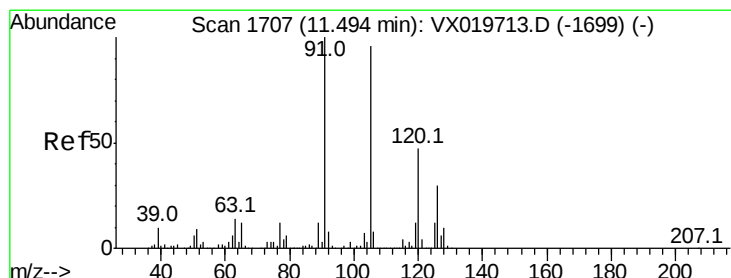
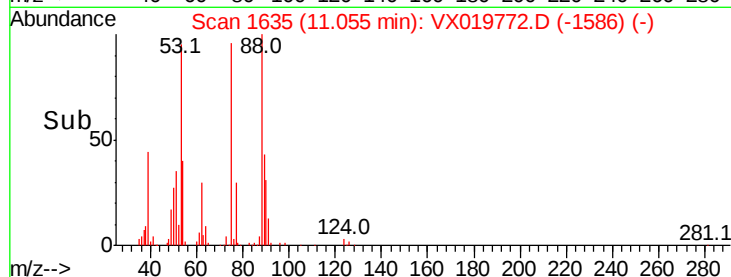
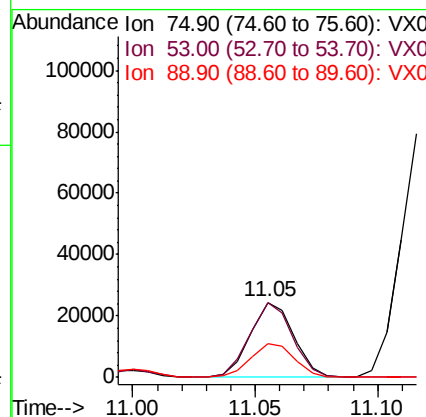
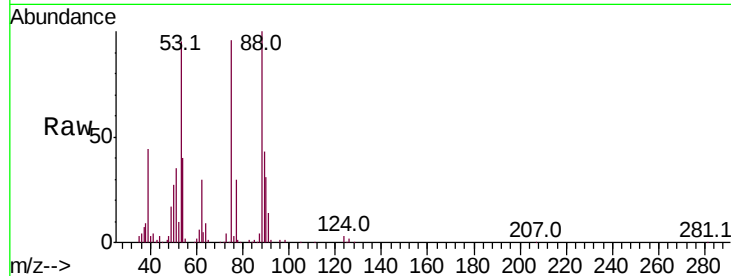




#81
trans-1,4-Dichloro-2-butene
Concen: 18.297 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

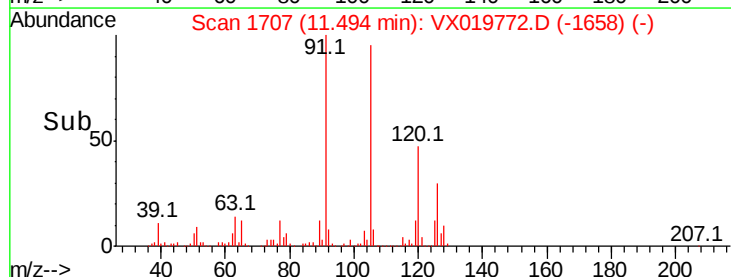
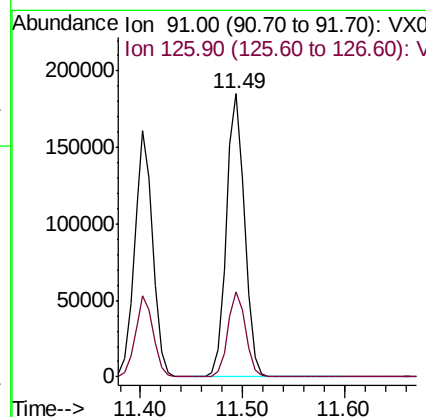
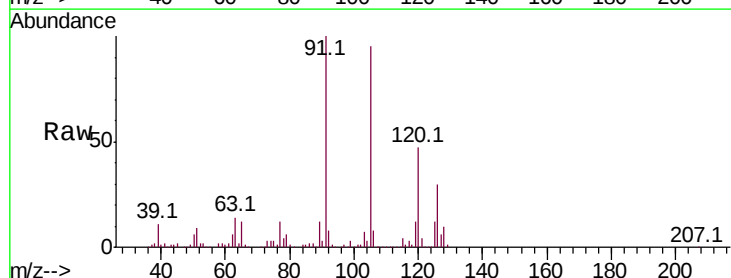
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

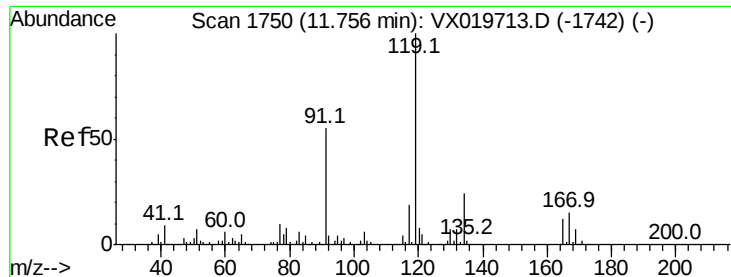
Tot Ion: 75 Resp: 30435
Ion Ratio Lower Upper
75 100
53 98.8 74.5 111.7
89 45.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.040 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion: 91 Resp: 229735
Ion Ratio Lower Upper
91 100
126 29.3 14.9 44.5

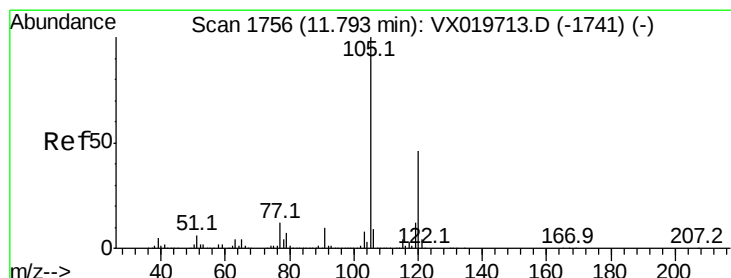
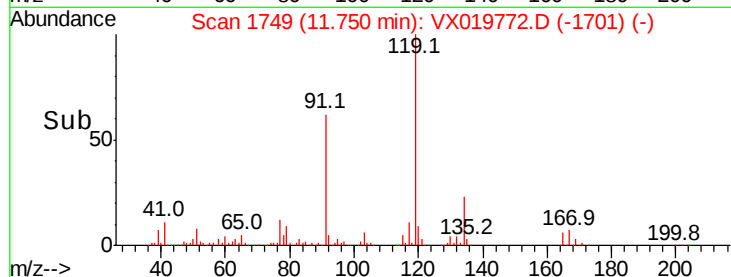
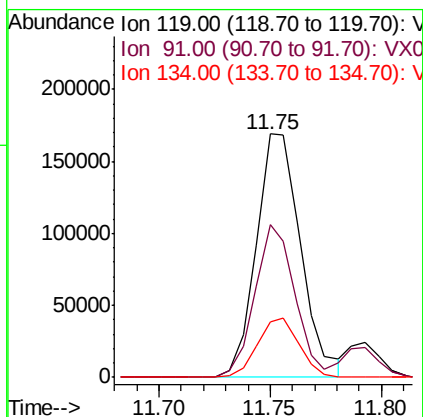
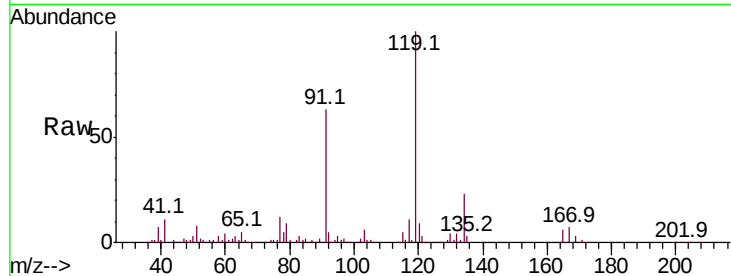




#83
tert-Butylbenzene
Concen: 19.414 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

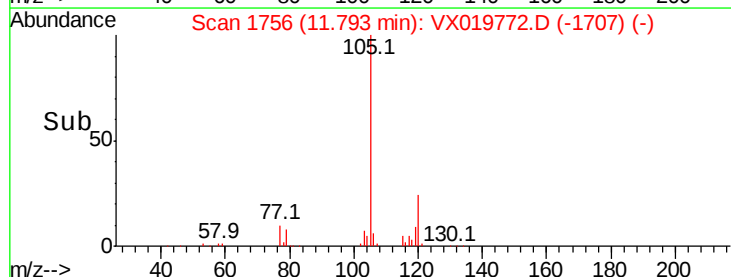
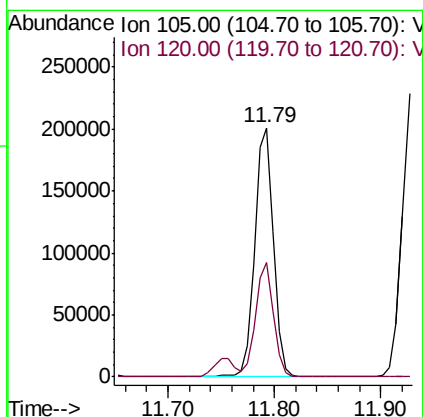
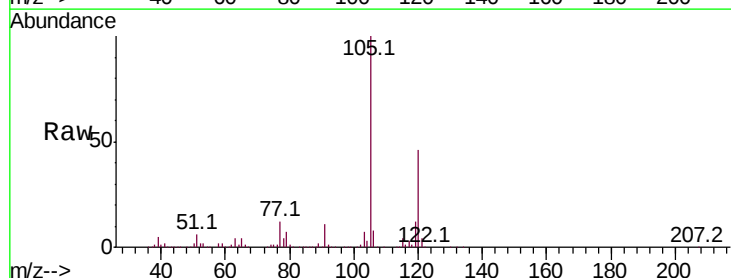
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

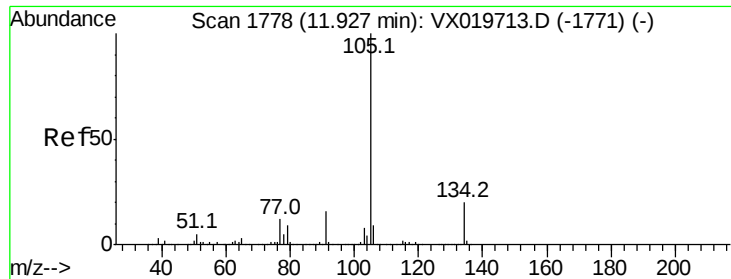
Tot Ion:119 Resp: 235384
Ion Ratio Lower Upper
119 100
91 56.2 27.9 83.7
134 22.9 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 19.761 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion:105 Resp: 246072
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.3

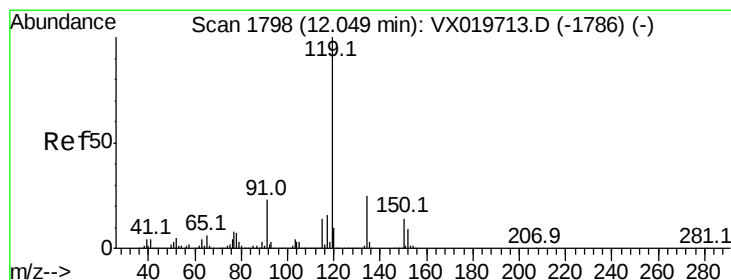
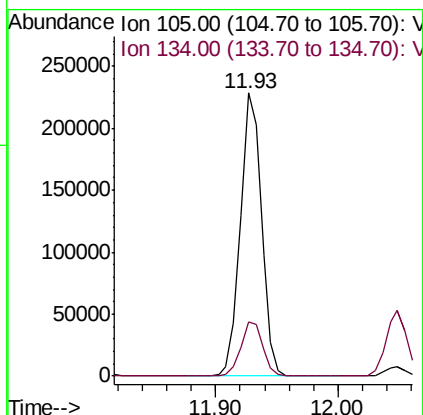
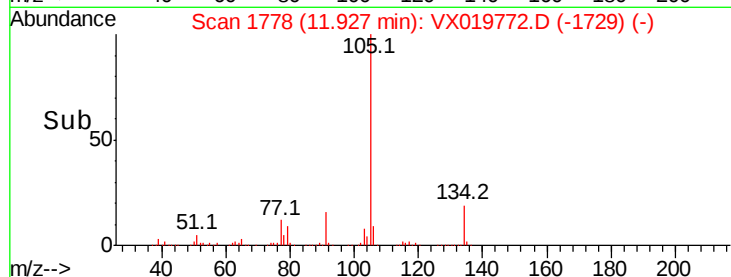
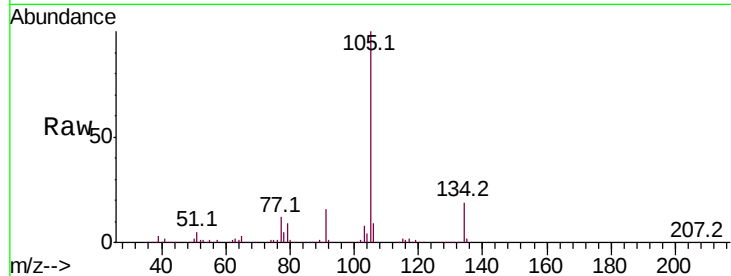




#85
 sec-Butylbenzene
 Concen: 19.659 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

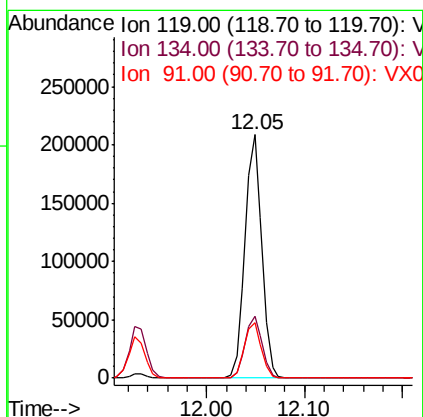
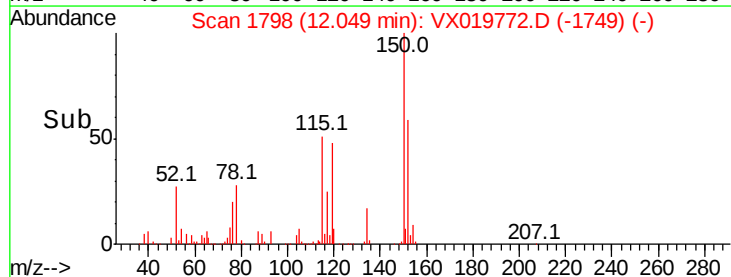
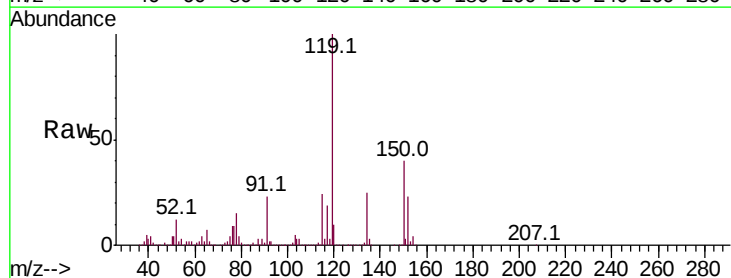
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

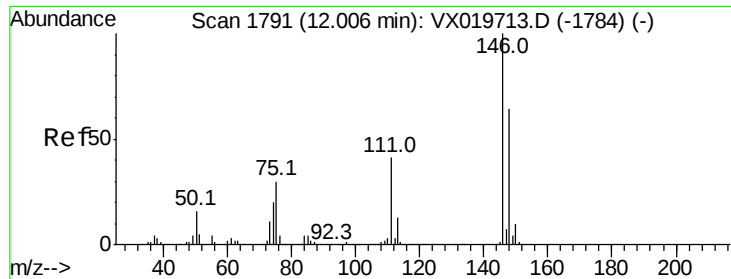
Tot Ion:105 Resp: 272132
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 19.513 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion:119 Resp: 247553
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.024 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

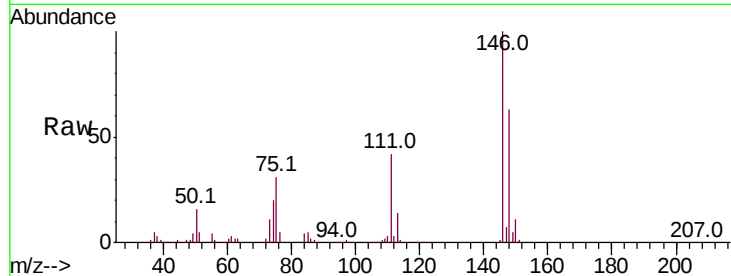
Tot Ion:146 Resp: 130881

Ion Ratio Lower Upper

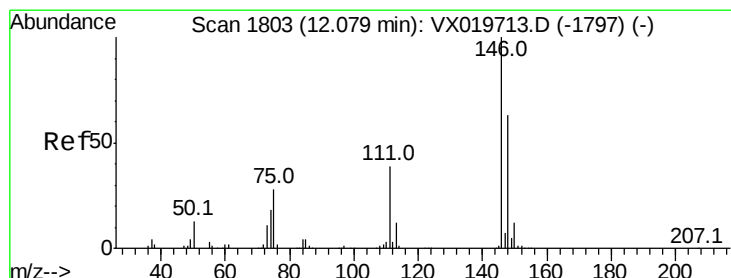
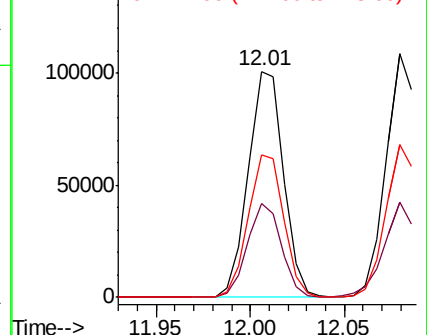
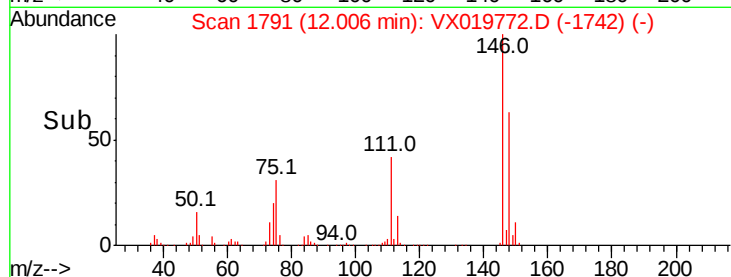
146 100

111 40.0 20.2 60.5

148 63.2 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.694 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

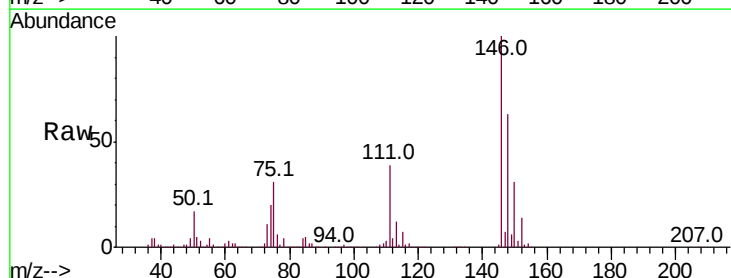
Tgt Ion:146 Resp: 130993

Ion Ratio Lower Upper

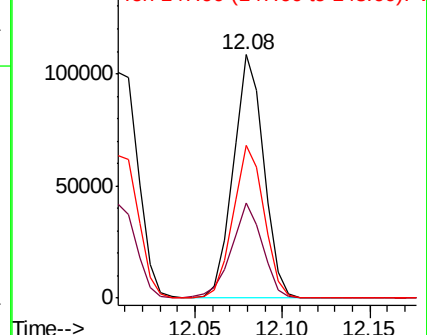
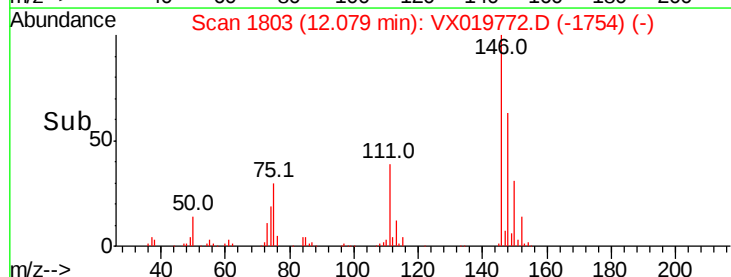
146 100

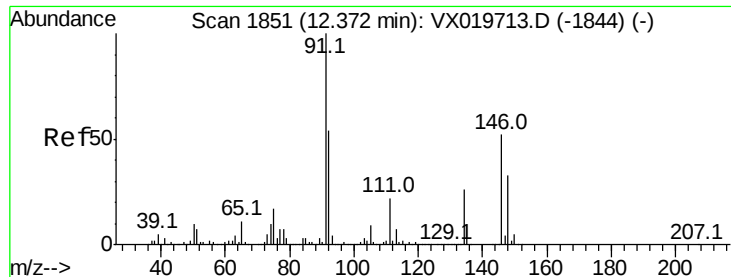
111 40.2 19.6 58.8

148 64.2 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

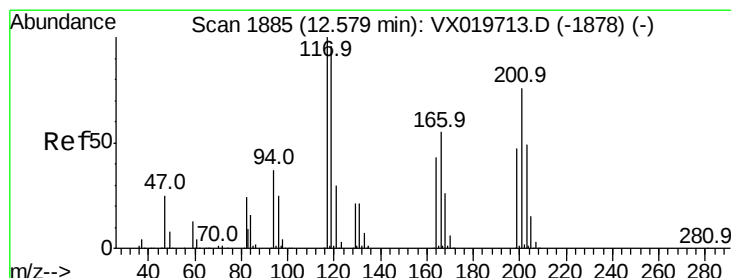
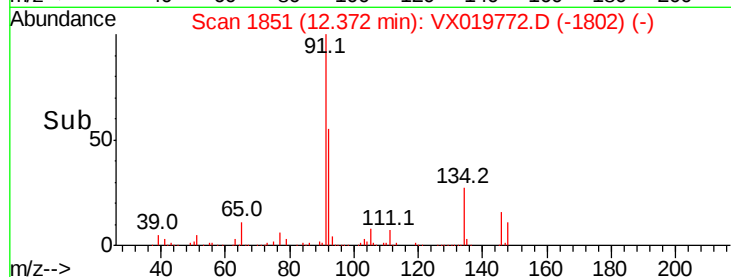
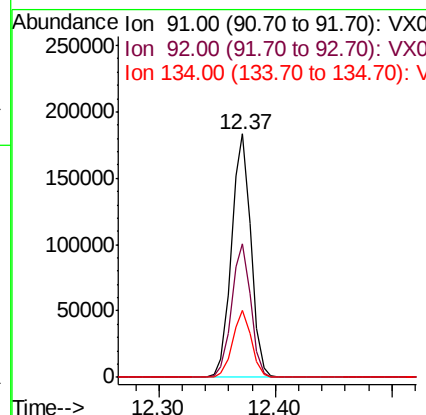
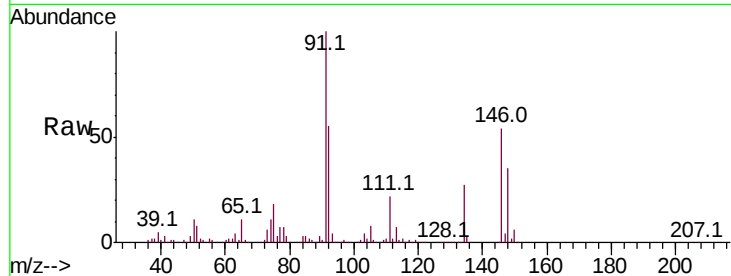




#89
n-Butylbenzene
Concen: 18.717 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

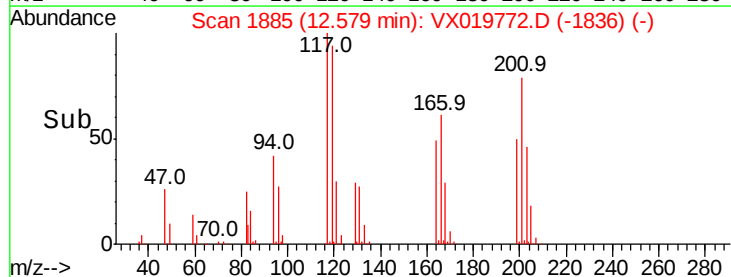
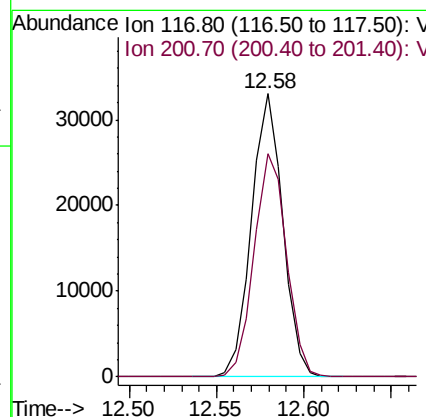
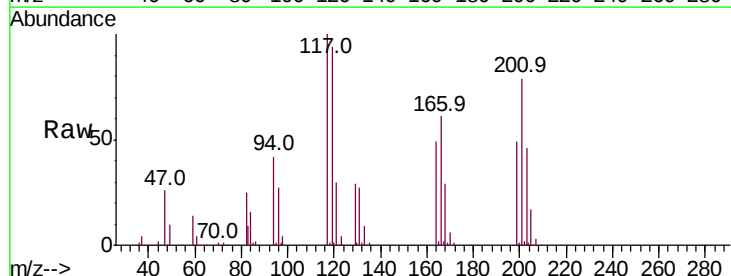
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

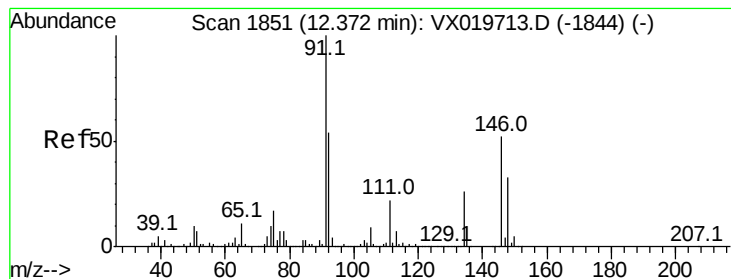
Tot Ion: 91 Resp: 210375
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.0
134 26.5 13.2 39.5



#90
Hexachloroethane
Concen: 18.764 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion: 117 Resp: 41098
Ion Ratio Lower Upper
117 100
201 81.7 40.4 121.2





#91

1,2-Dichlorobenzene

Concen: 19.234 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampled :

VX1209WBSD01

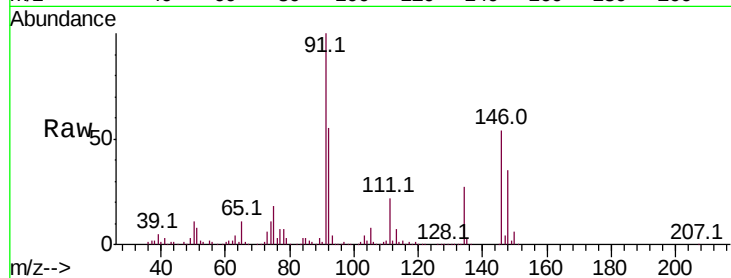
Tot Ion:146 Resp: 128995

Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.2

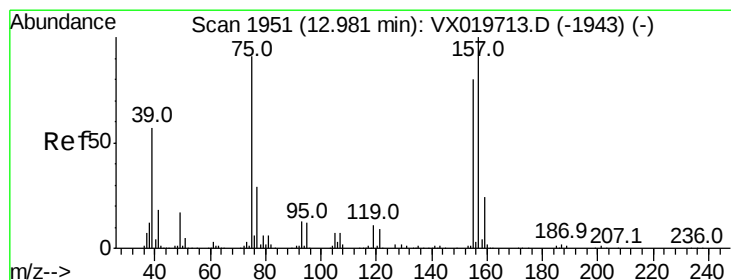
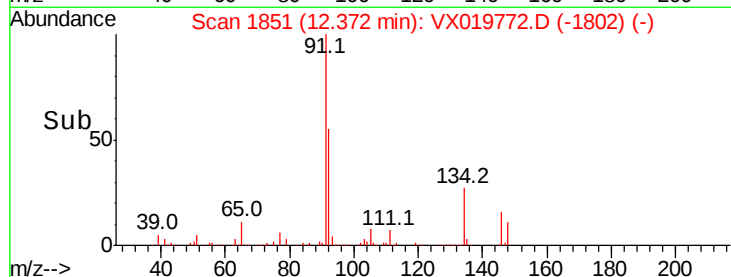
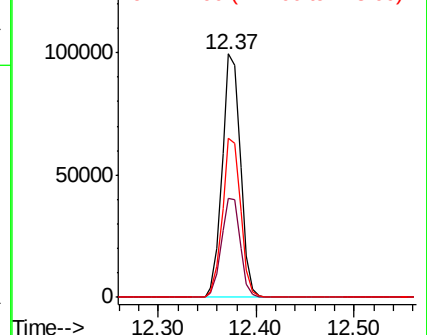
148 65.0 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.451 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

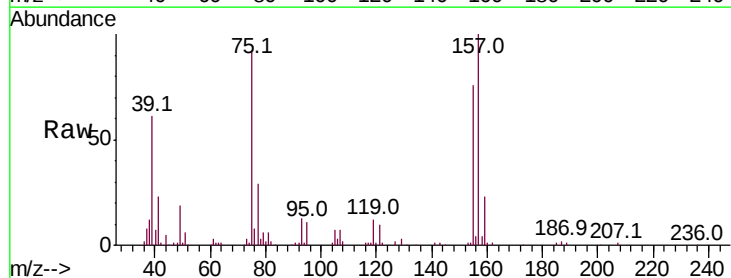
Tgt Ion: 75 Resp: 20484

Ion Ratio Lower Upper

75 100

155 87.7 45.3 135.9

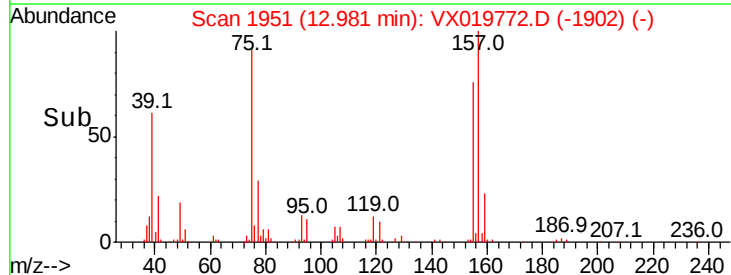
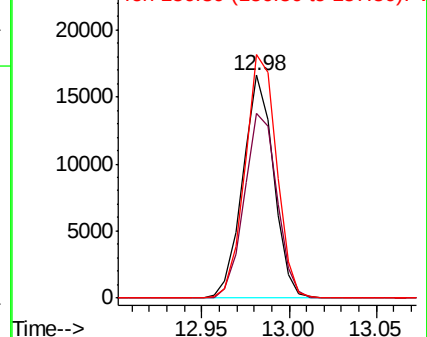
157 111.4 57.7 173.1

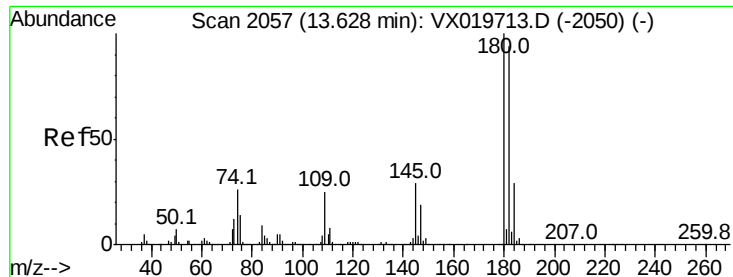


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

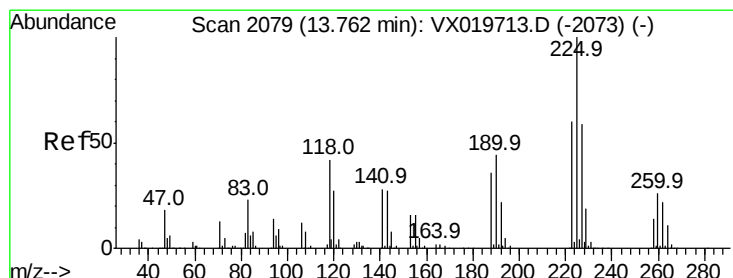
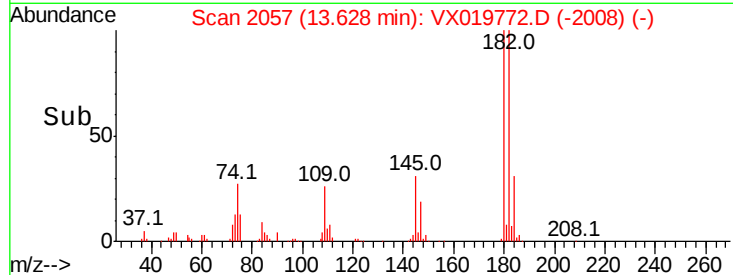
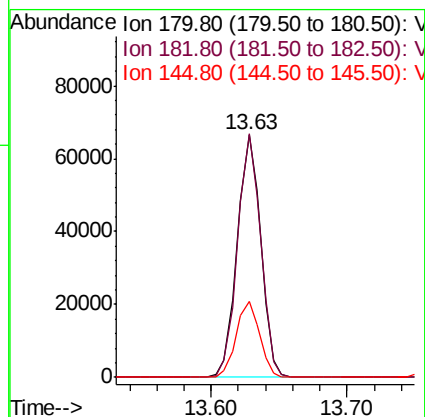
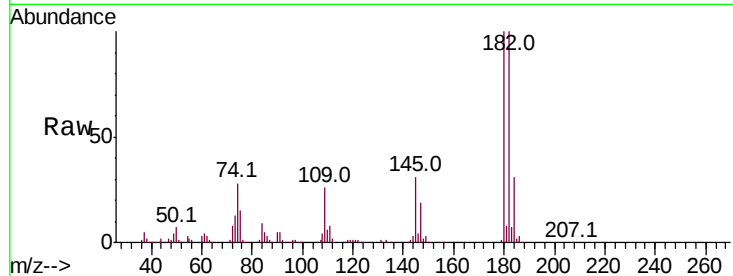




#93
 1,2,4-Trichlorobenzene
 Concen: 18.387 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

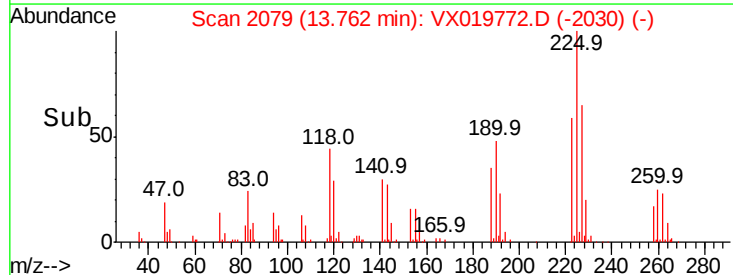
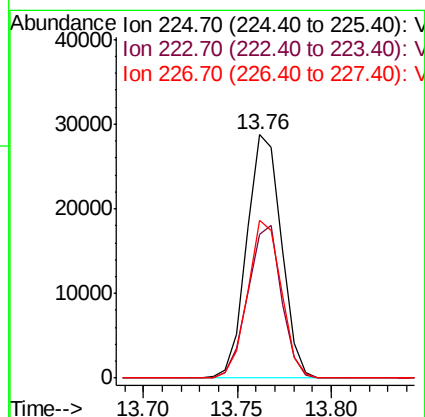
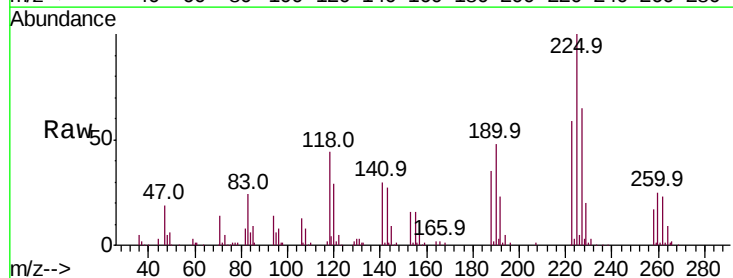
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

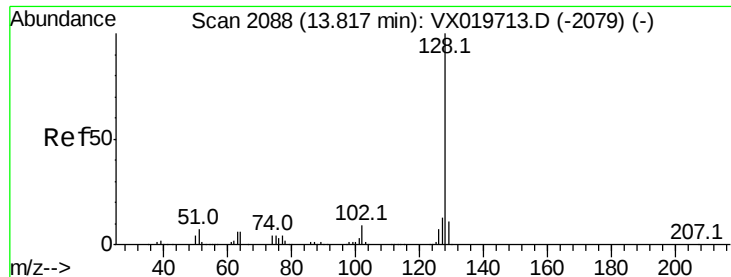
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.6	47.7	143.1
145	31.2	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 18.790 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.1	93.2
227	63.0	31.6	95.0

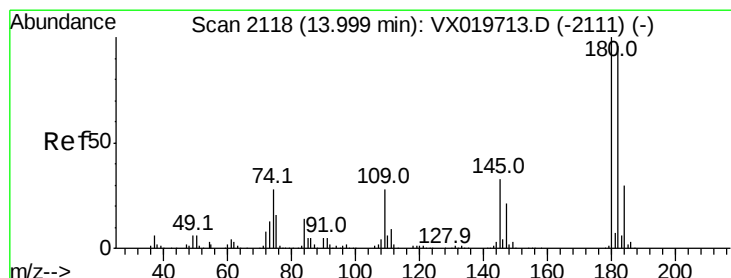
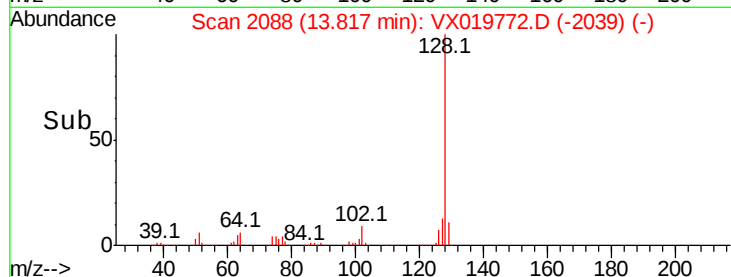
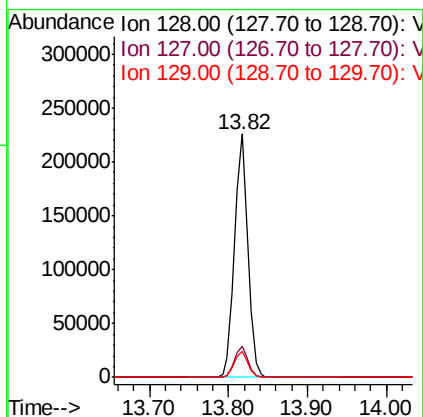
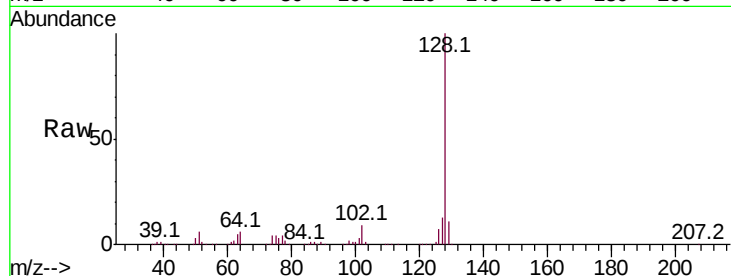




#95
Naphthalene
Concen: 19.019 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion:128 Resp: 269185
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.845 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion:180 Resp: 80402
Ion Ratio Lower Upper
180 100
182 95.8 47.6 142.9
145 33.3 16.1 48.3

