

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
 Data File : VX020092.D
 Acq On : 17 Dec 2020 02:25
 Operator : JC/MD
 Sample : VX1217WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

Quant Time: Dec 17 02:47:39 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	5.63	168	243679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	415240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	387277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183894	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	173330	54.12	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.24%	
35) Dibromofluoromethane		5.46	113	139647	52.04	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.08%	
50) Toluene-d8		8.70	98	526904	51.43	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.86%	
62) 4-Bromofluorobenzene		11.12	95	196425	50.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	39188	17.565	ug/l	100
3) Chloromethane	1.31	50	45414	17.309	ug/l	100
4) Vinyl Chloride	1.39	62	54108	19.558	ug/l	99
5) Bromomethane	1.62	94	25208	27.442	ug/l	100
6) Chloroethane	1.71	64	37566	22.604	ug/l	99
7) Trichlorofluoromethane	1.92	101	75806	19.675	ug/l	100
8) Diethyl Ether	2.17	74	33772	20.685	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45894	20.782	ug/l	98
10) Methyl Iodide	2.49	142	40714	12.508	ug/l	99
11) Tert butyl alcohol	3.01	59	70454	105.495	ug/l	100
12) 1,1-Dichloroethene	2.36	96	44724	20.032	ug/l	97
13) Acrolein	2.27	56	28808	81.491	ug/l	97
14) Allyl chloride	2.70	41	75023	19.896	ug/l	97
15) Acrylonitrile	3.11	53	163840	113.162	ug/l	100
16) Acetone	2.42	43	132435	110.014	ug/l	99
17) Carbon Disulfide	2.55	76	101331	15.818	ug/l	99
18) Methyl Acetate	2.75	43	72612	24.649	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	174518	21.464	ug/l	98
20) Methylene Chloride	2.83	84	59707	20.898	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	51376	19.738	ug/l	98
22) Diisopropyl ether	3.82	45	172095	22.573	ug/l	94
23) Vinyl Acetate	3.78	43	700501	107.850	ug/l	99
24) 1,1-Dichloroethane	3.67	63	100323	21.822	ug/l	99
25) 2-Butanone	4.63	43	206051	111.393	ug/l	98
26) 2,2-Dichloropropane	4.55	77	68352	17.264	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	62736	20.596	ug/l	99
28) Bromochloromethane	4.98	49	43522	19.858	ug/l	96
29) Tetrahydrofuran	5.09	42	132262	110.979	ug/l	98
30) Chloroform	5.17	83	104826	22.175	ug/l	100
31) Cyclohexane	5.55	56	76369	19.170	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	84729	20.813	ug/l	98
36) 1,1-Dichloropropene	5.77	75	70492	18.787	ug/l	99
37) Ethyl Acetate	4.79	43	78440	20.705	ug/l	99
38) Carbon Tetrachloride	5.75	117	69664	18.959	ug/l	98

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

Quant Time: Dec 17 02:47:39 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)
39) Methylcyclohexane	7.44	83	75217	17.062	ug/l	96
40) Benzene	6.11	78	230330	20.095	ug/l	100
41) Methacrylonitrile	4.99	41	44301	21.298	ug/l	99
42) 1,2-Dichloroethane	6.16	62	81503	20.812	ug/l	99
43) Isopropyl Acetate	6.41	43	123497	20.050	ug/l	98
44) Trichloroethene	7.18	130	57386	19.082	ug/l	98
45) 1,2-Dichloropropane	7.49	63	60353	21.068	ug/l	98
46) Dibromomethane	7.63	93	39521	20.429	ug/l	99
47) Bromodichloromethane	7.87	83	78238	20.381	ug/l	99
48) Methyl methacrylate	7.74	41	60334	19.917	ug/l	98
49) 1,4-Dioxane	7.71	88	30039	409.349	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	407291	108.308	ug/l	99
52) Toluene	8.76	92	141960	19.803	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	79075	18.563	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	88207	19.060	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	61555	21.307	ug/l	97
56) Ethyl methacrylate	9.16	69	85799	19.630	ug/l	99
57) 1,3-Dichloropropane	9.35	76	102918	20.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	230587	99.584	ug/l	99
59) 2-Hexanone	9.47	43	308467	105.825	ug/l	97
60) Dibromochloromethane	9.56	129	59433	20.249	ug/l	99
61) 1,2-Dibromoethane	9.65	107	62441	20.354	ug/l	99
64) Tetrachloroethene	9.32	164	50218	19.336	ug/l	90
65) Chlorobenzene	10.12	112	149580	19.387	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	55469	19.974	ug/l	99
67) Ethyl Benzene	10.23	91	259041	18.914	ug/l	100
68) m/p-Xylenes	10.34	106	194433	37.676	ug/l	98
69) o-Xylene	10.68	106	94660	19.068	ug/l	99
70) Styrene	10.70	104	160966	19.210	ug/l	99
71) Bromoform	10.84	173	41204	18.861	ug/l #	99
73) Isopropylbenzene	11.00	105	255346	20.324	ug/l	100
74) N-amyl acetate	10.88	43	99428	19.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	96476	21.781	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	103704	25.144	ug/l	88
77) Bromobenzene	11.24	156	64502	20.062	ug/l	98
78) n-propylbenzene	11.34	91	290162	20.221	ug/l	98
79) 2-Chlorotoluene	11.40	91	179235	20.283	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	214233	20.204	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	24765	17.358	ug/l	93
82) 4-Chlorotoluene	11.49	91	208814	20.177	ug/l	98
83) tert-Butylbenzene	11.76	119	208703	20.069	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	216689	20.288	ug/l	99
85) sec-Butylbenzene	11.93	105	241952	20.378	ug/l	99
86) p-Isopropyltoluene	12.05	119	216533	19.900	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	114598	19.420	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	117708	19.584	ug/l	99
89) n-Butylbenzene	12.37	91	178356	18.501	ug/l	99
90) Hexachloroethane	12.58	117	35712	19.010	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	117713	20.463	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19690	20.678	ug/l	92

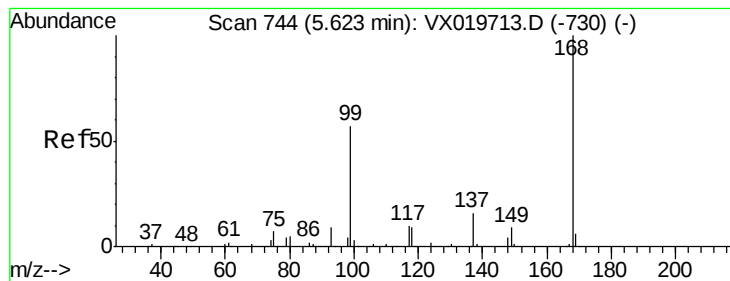
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
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Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Quant Time: Dec 17 02:47:39 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.63	180	71706	19.149	ug/l	98
94) Hexachlorobutadiene	13.76	225	31005	18.525	ug/l	97
95) Naphthalene	13.82	128	242987	20.016	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	69956	19.116	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

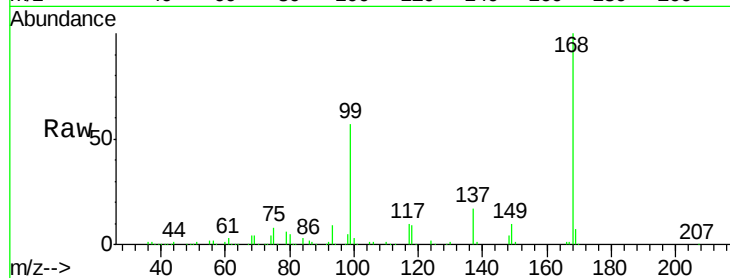
VX1217WBS02

Tgt Ion:168 Resp: 243679

Ion Ratio Lower Upper

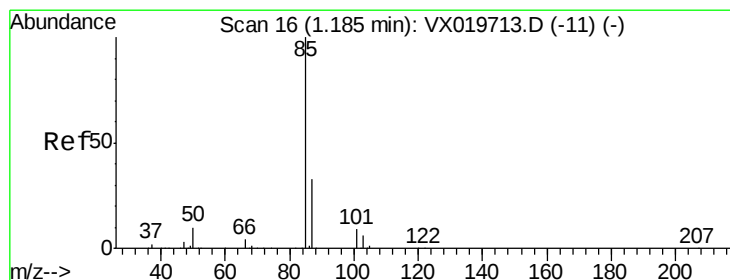
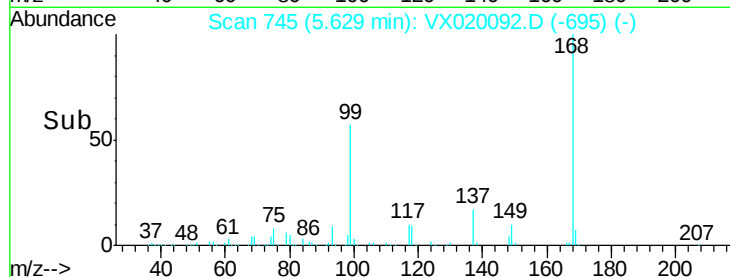
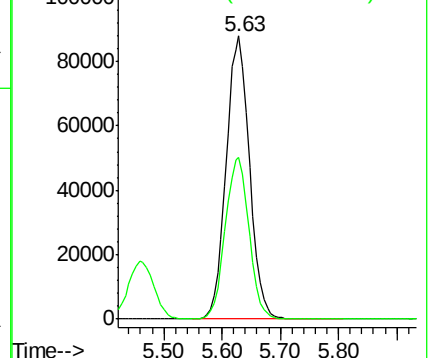
168 100

99 57.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.565 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX020092.D

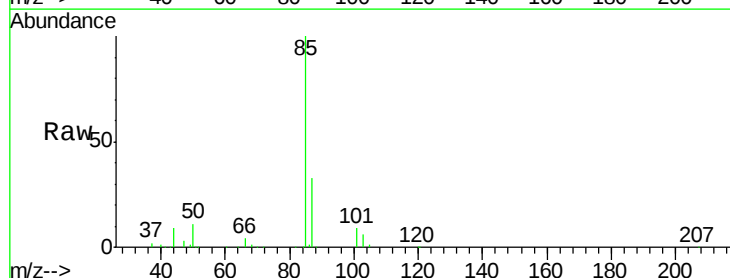
Acq: 17 Dec 2020 02:25

Tgt Ion: 85 Resp: 39188

Ion Ratio Lower Upper

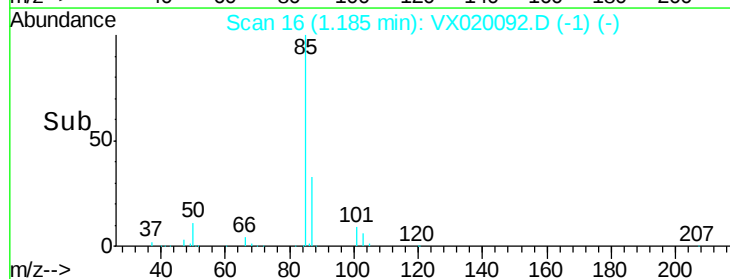
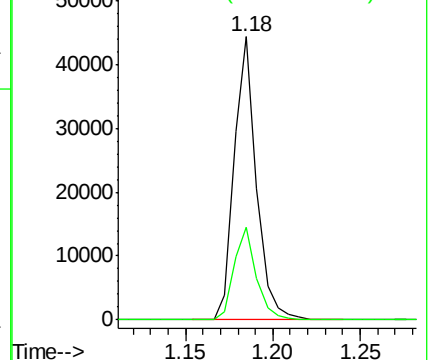
85 100

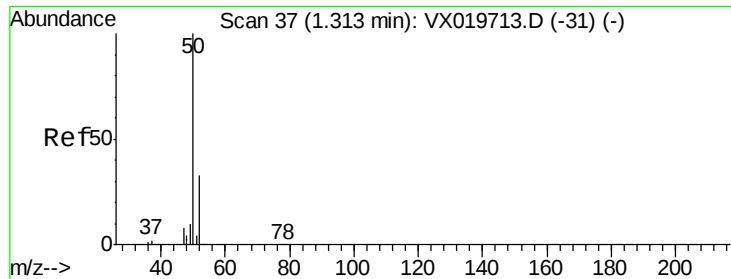
87 32.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.309 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

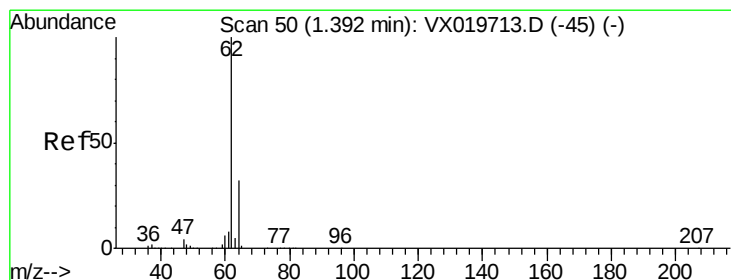
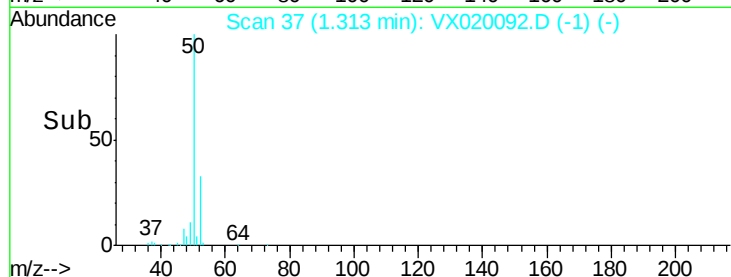
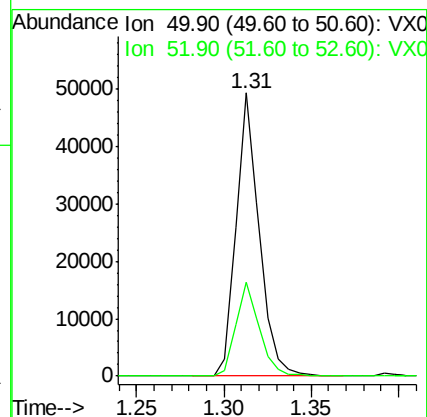
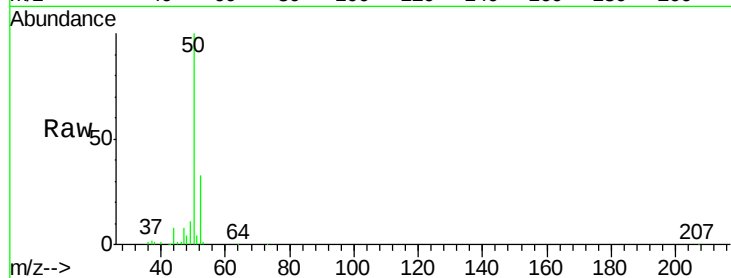
VX1217WBS02

Tgt Ion: 50 Resp: 45414

Ion Ratio Lower Upper

50 100

52 33.0 26.4 39.6



#4

Vinyl Chloride

Concen: 19.558 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX020092.D

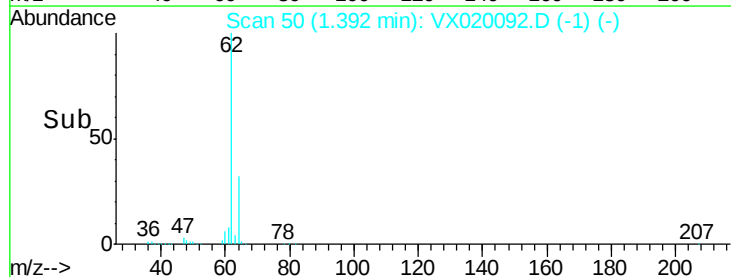
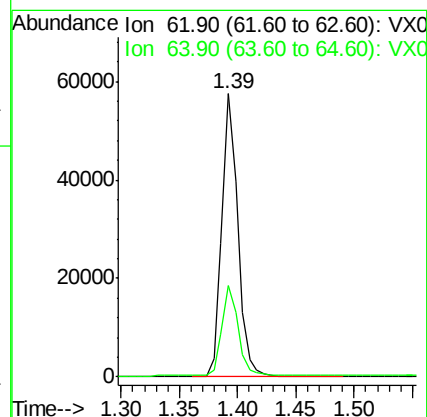
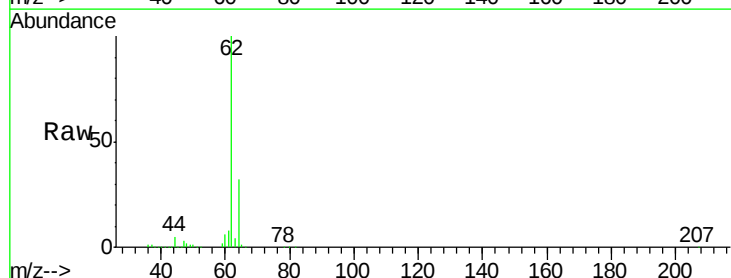
Acq: 17 Dec 2020 02:25

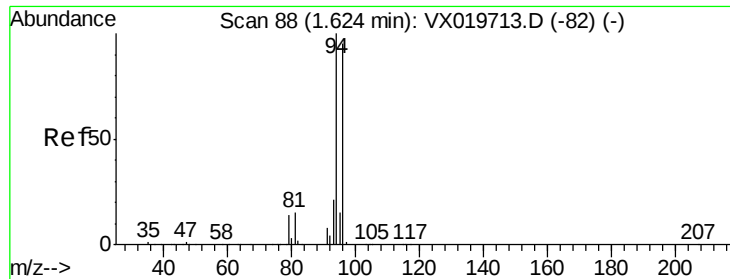
Tgt Ion: 62 Resp: 54108

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 27.442 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

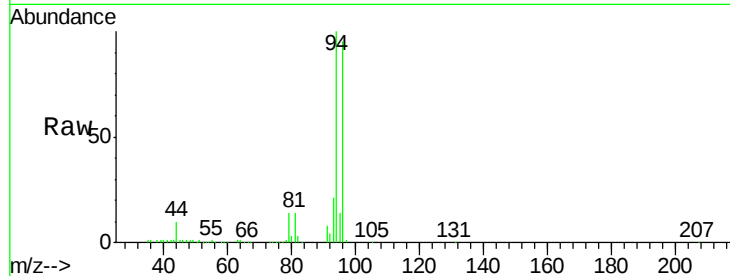
VX1217WBS02

Tgt Ion: 94 Resp: 25208

Ion Ratio Lower Upper

94 100

96 95.2 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

25000

20000

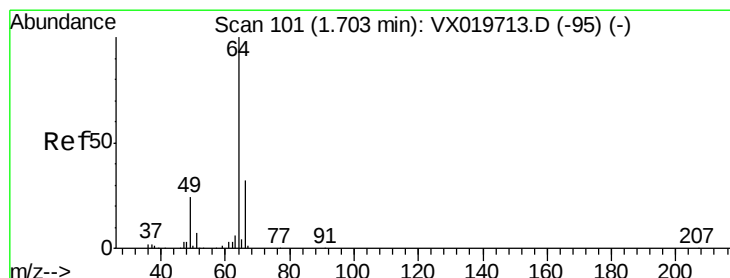
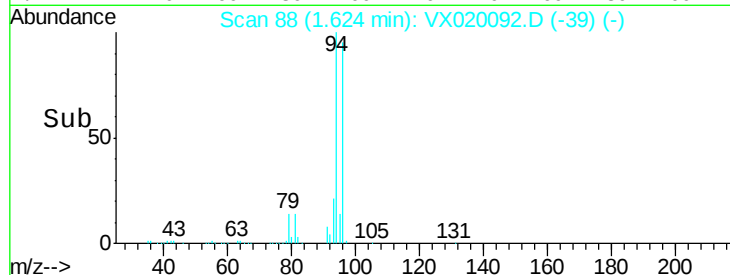
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 22.604 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX020092.D

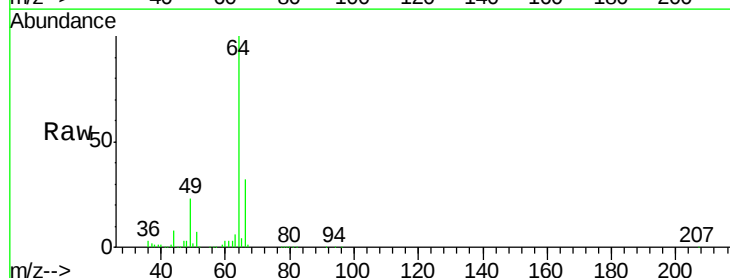
Acq: 17 Dec 2020 02:25

Tgt Ion: 64 Resp: 37566

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

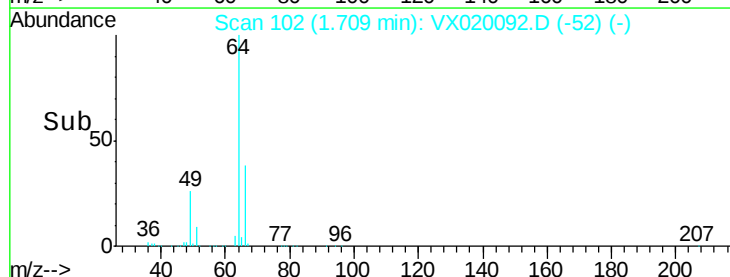
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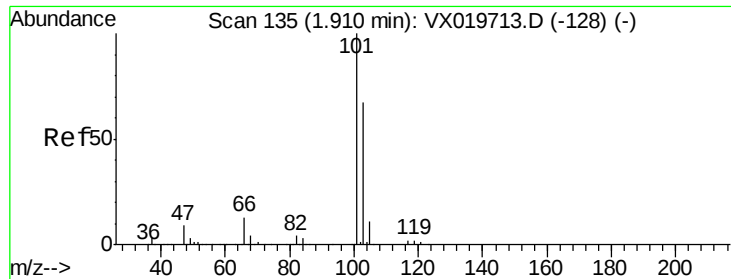
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Time-->



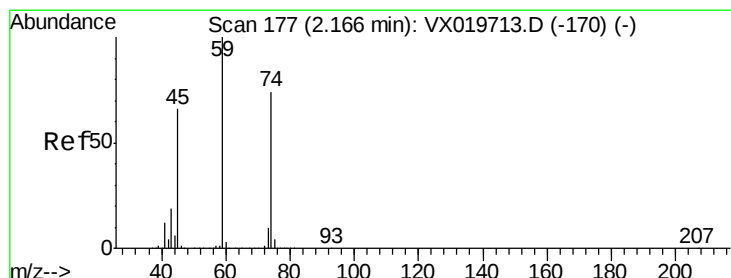
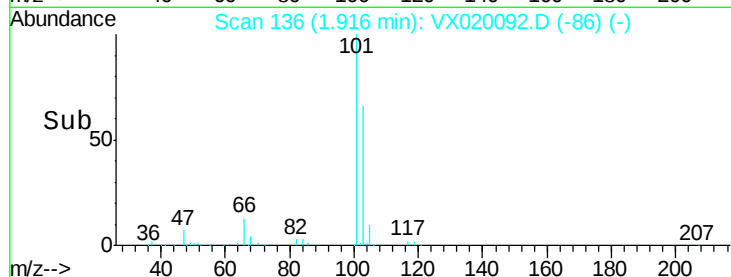
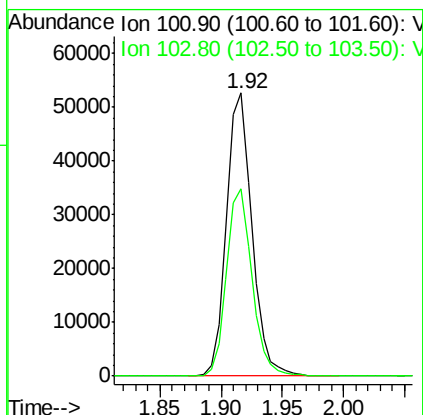
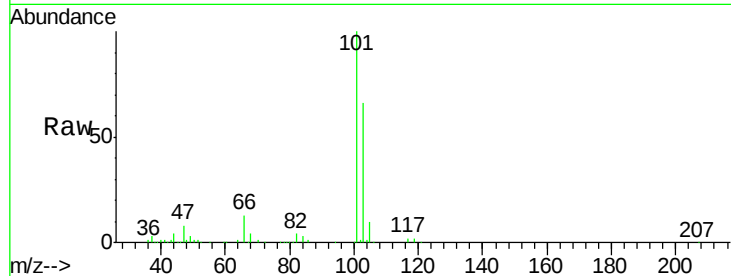


#7

Trichlorofluoromethane
 Concen: 19.675 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

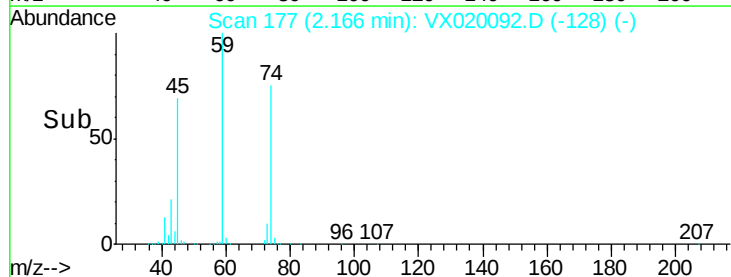
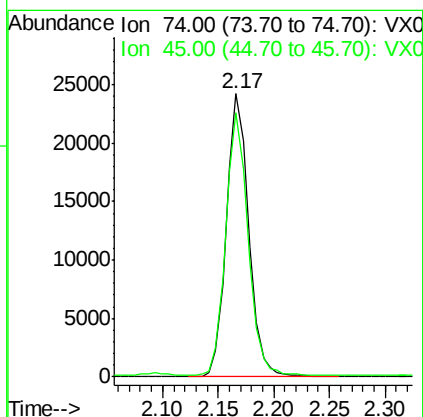
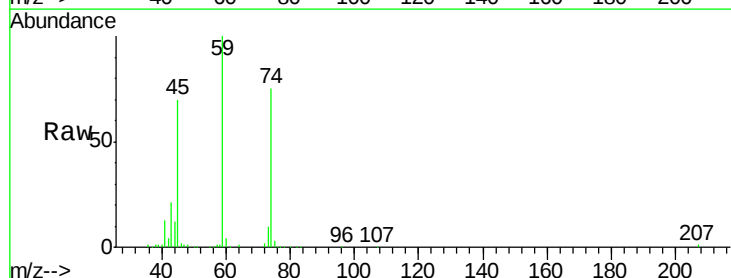
Tgt Ion:101 Resp: 75806
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.2 79.8

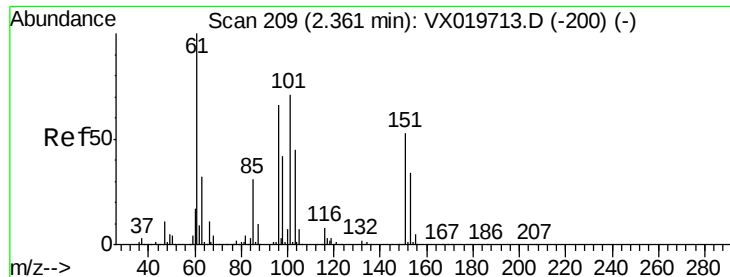


#8

Diethyl Ether
 Concen: 20.685 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Tgt Ion: 74 Resp: 33772
 Ion Ratio Lower Upper
 74 100
 45 92.2 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.782 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

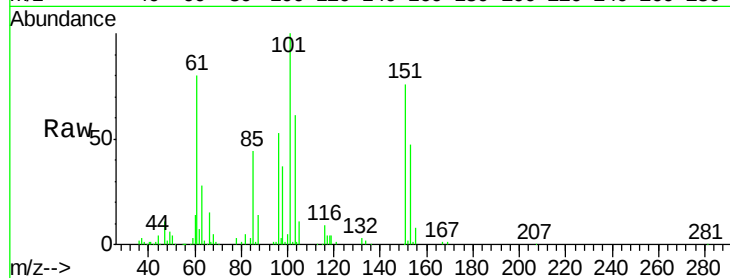
Tgt Ion:101 Resp: 45894

Ion Ratio Lower Upper

101 100

85 44.0 34.9 52.3

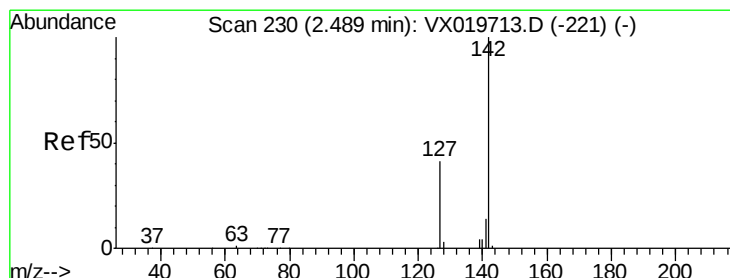
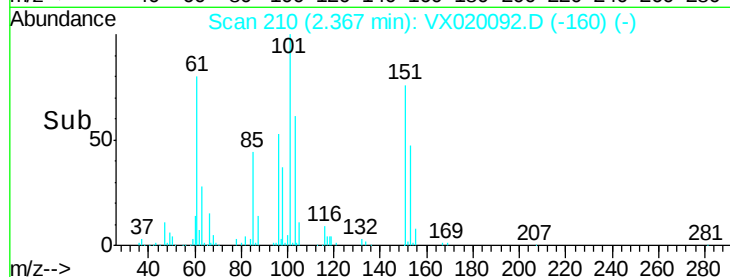
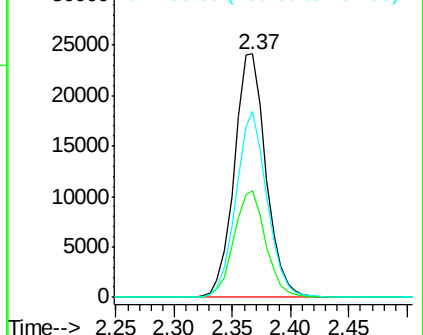
151 75.0 61.4 92.2



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: 12.508 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

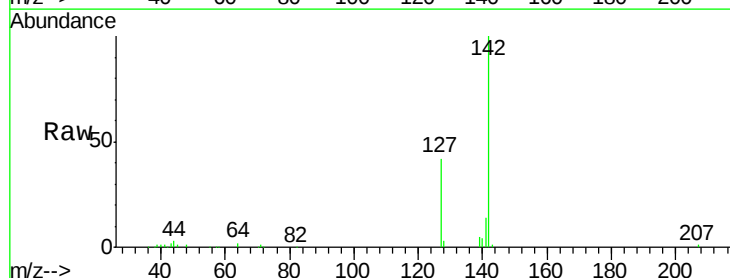
Tgt Ion:142 Resp: 40714

Ion Ratio Lower Upper

142 100

127 42.6 33.3 49.9

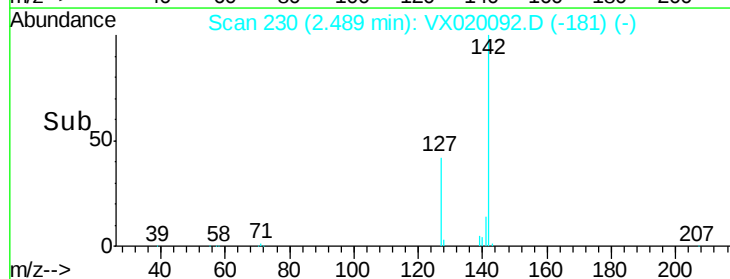
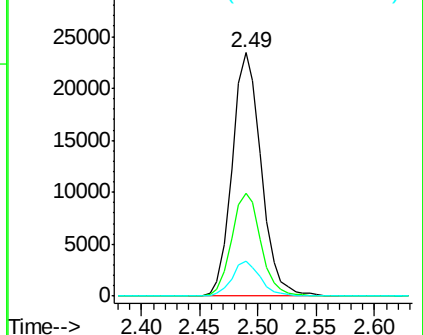
141 14.0 11.4 17.0

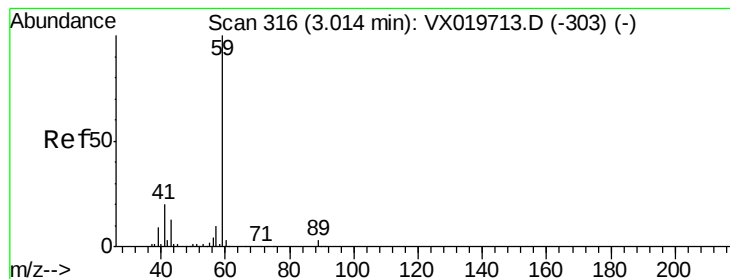


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



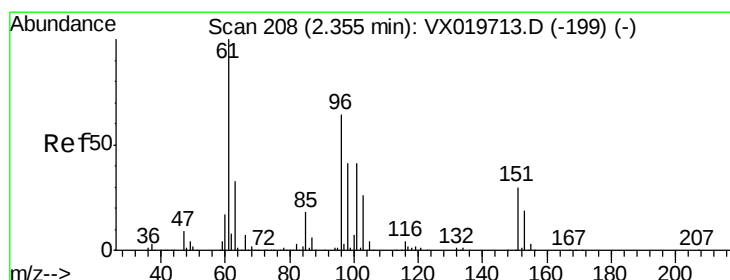
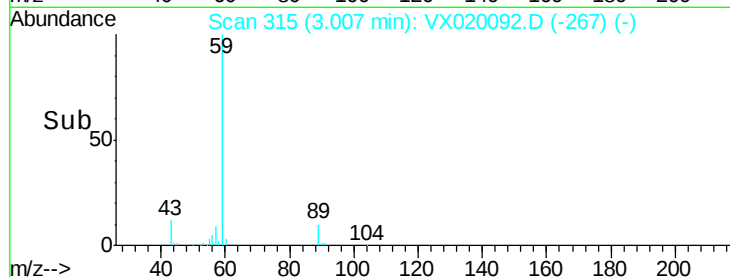
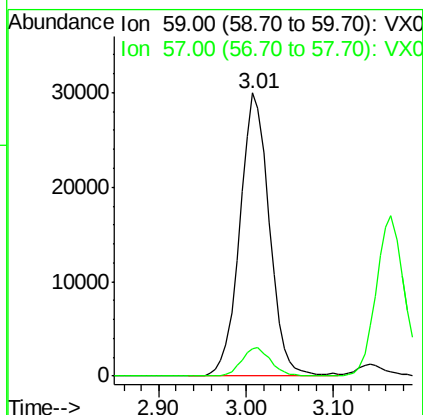
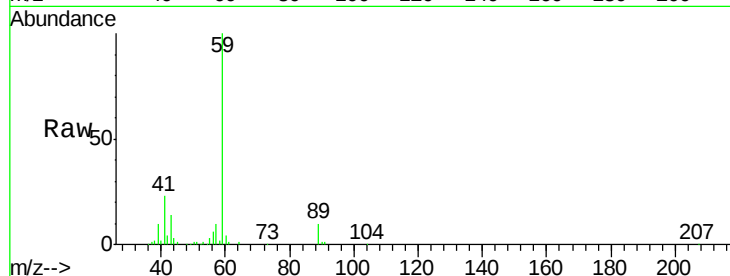


#11

Tert butyl alcohol
 Concen: 105.495 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

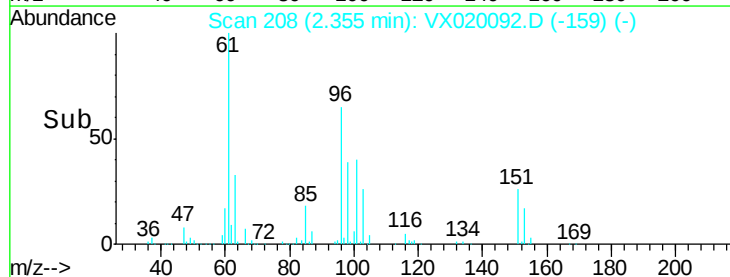
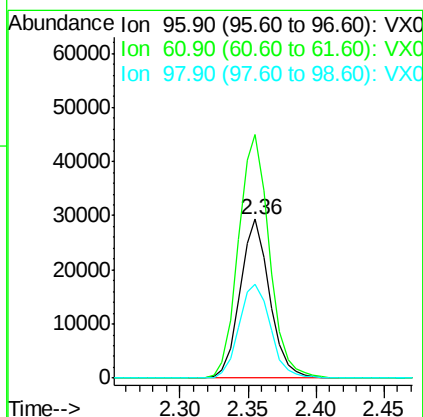
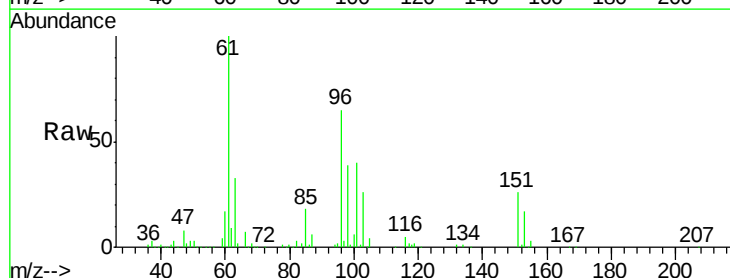
Tgt Ion: 59 Resp: 70454
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.8

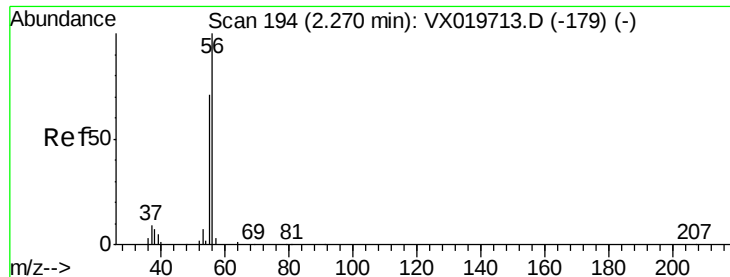


#12

1,1-Dichloroethene
 Concen: 20.032 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Tgt Ion: 96 Resp: 44724
 Ion Ratio Lower Upper
 96 100
 61 153.3 124.6 187.0
 98 59.4 50.6 76.0





#13

Acrolein

Concen: 81.491 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

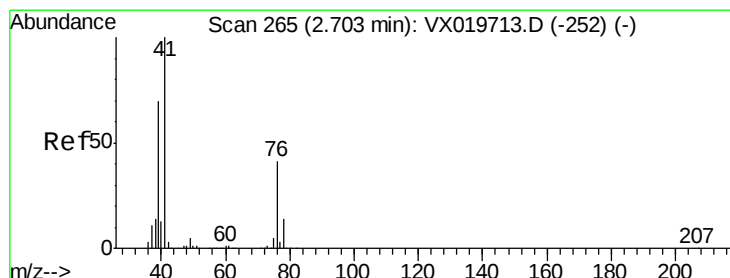
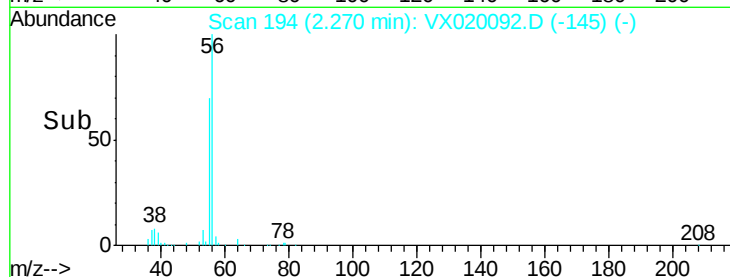
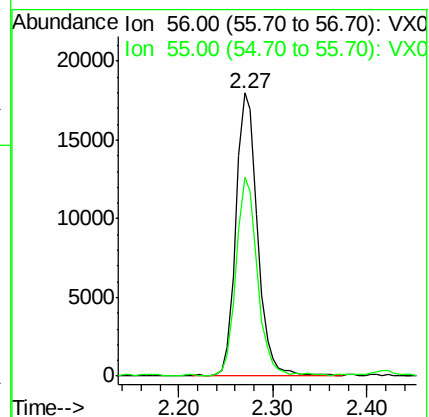
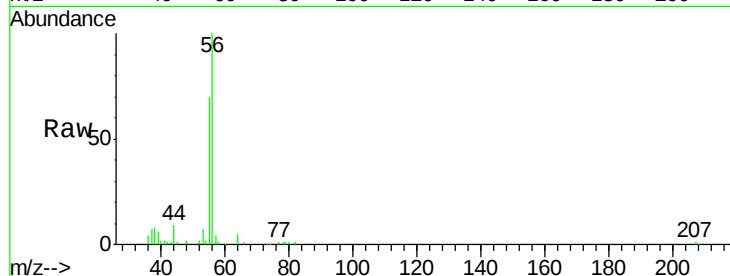
VX1217WBS02

Tgt Ion: 56 Resp: 28808

Ion Ratio Lower Upper

56 100

55 67.8 56.4 84.6



#14

Allyl chloride

Concen: 19.896 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

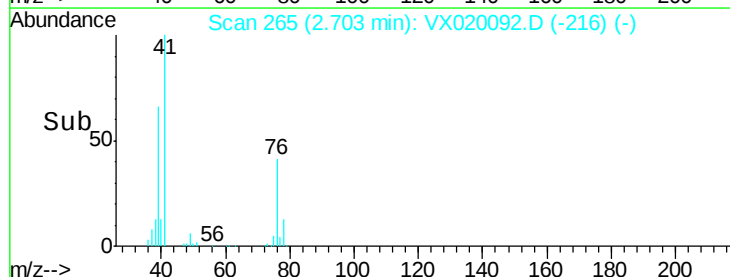
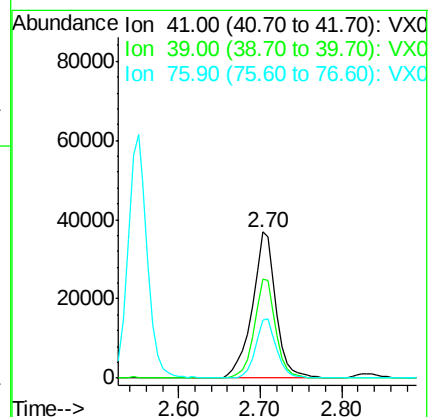
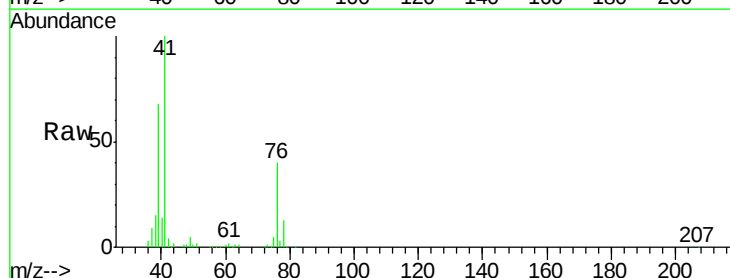
Tgt Ion: 41 Resp: 75023

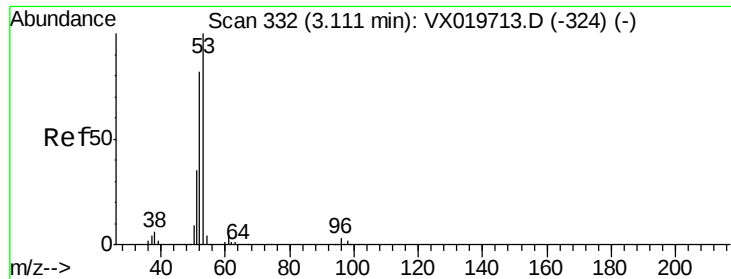
Ion Ratio Lower Upper

41 100

39 61.9 51.6 77.4

76 35.9 30.5 45.7





#15

Acrylonitrile

Concen: 113.162 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

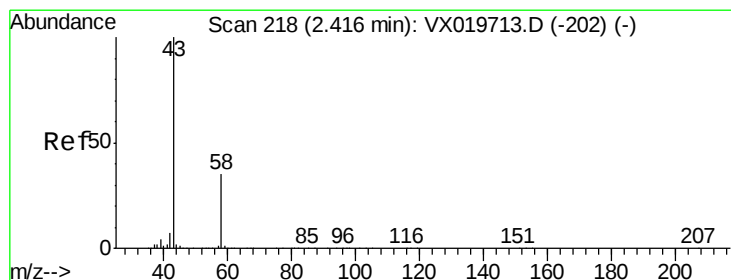
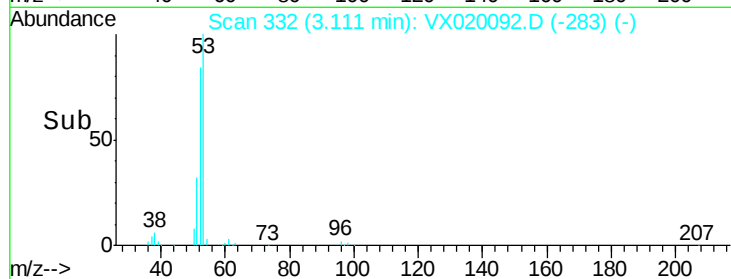
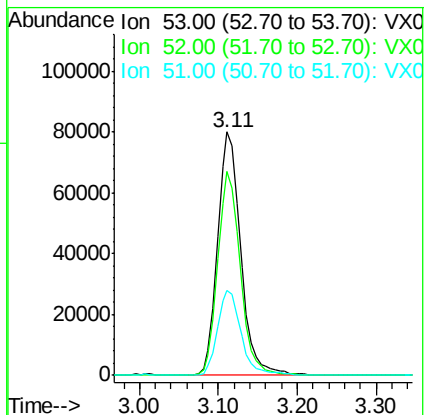
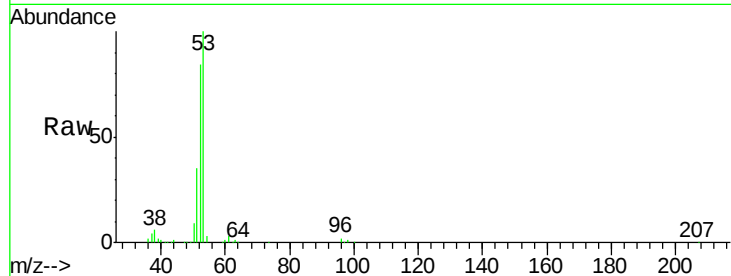
Tgt Ion: 53 Resp: 163840

Ion Ratio Lower Upper

53 100

52 81.9 65.3 97.9

51 35.7 28.2 42.2



#16

Acetone

Concen: 110.014 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX020092.D

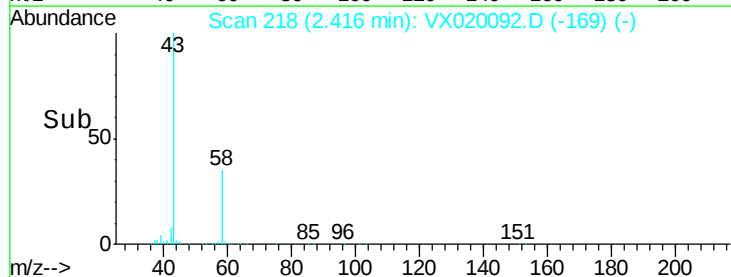
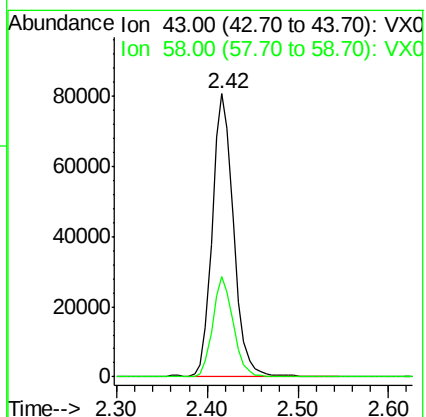
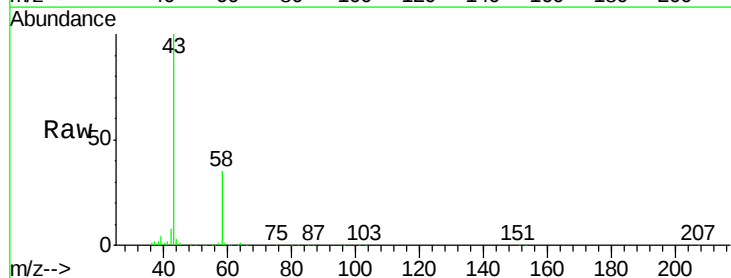
Acq: 17 Dec 2020 02:25

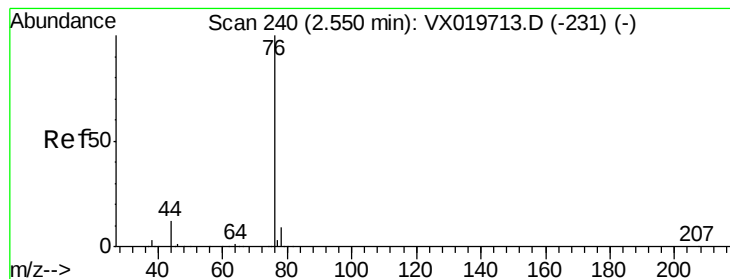
Tgt Ion: 43 Resp: 132435

Ion Ratio Lower Upper

43 100

58 35.5 27.8 41.8





#17

Carbon Disulfide

Concen: 15.818 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

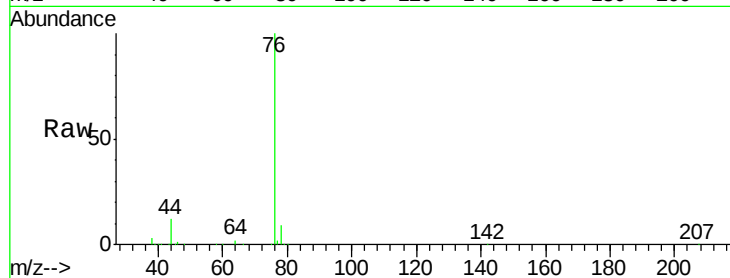
VX1217WBS02

Tgt Ion: 76 Resp: 101331

Ion Ratio Lower Upper

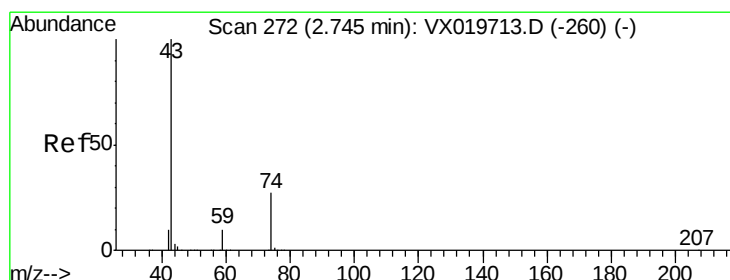
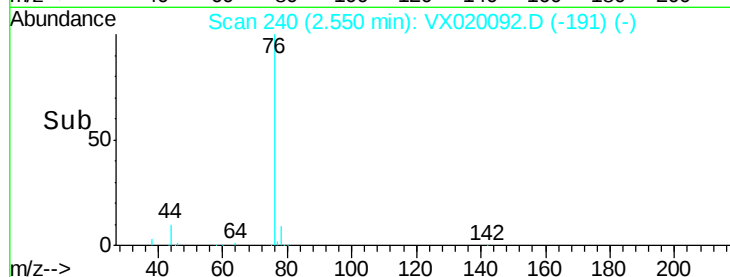
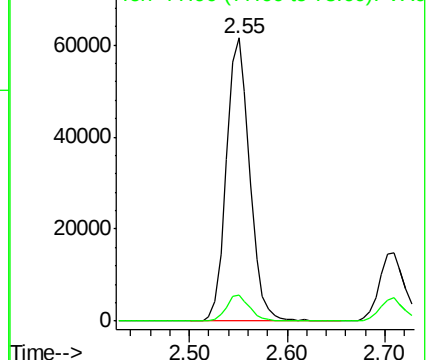
76 100

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: 24.649 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX020092.D

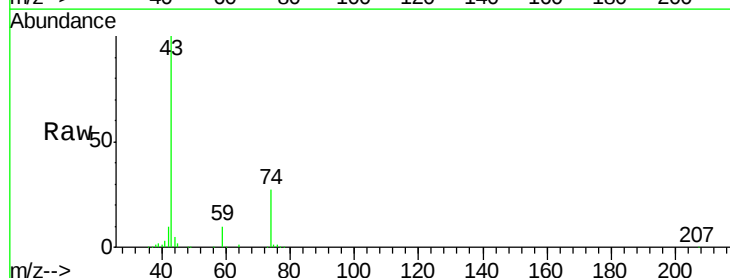
Acq: 17 Dec 2020 02:25

Tgt Ion: 43 Resp: 72612

Ion Ratio Lower Upper

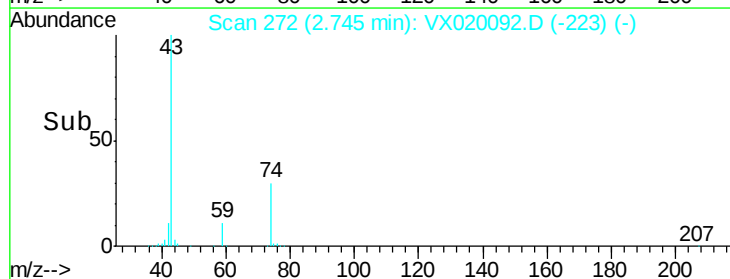
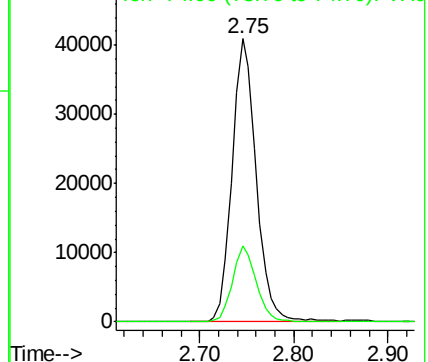
43 100

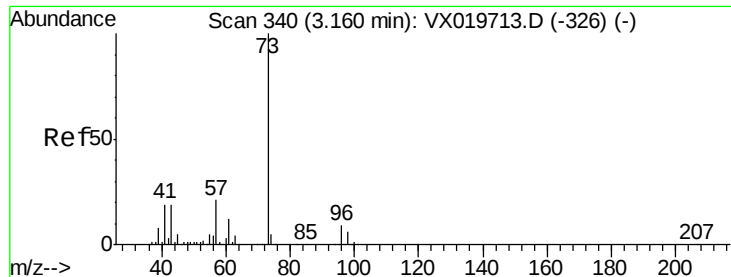
74 26.6 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

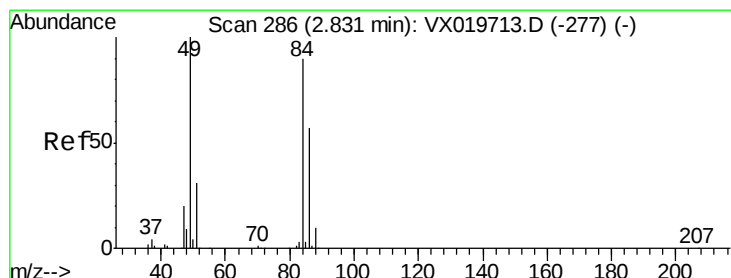
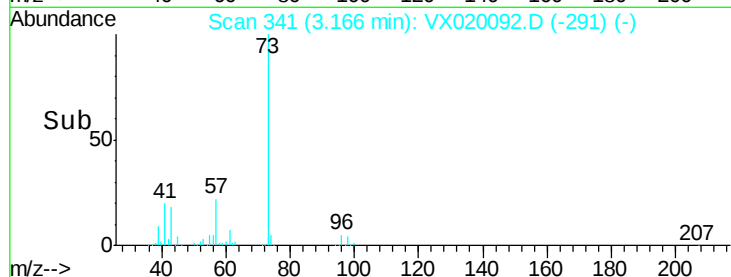
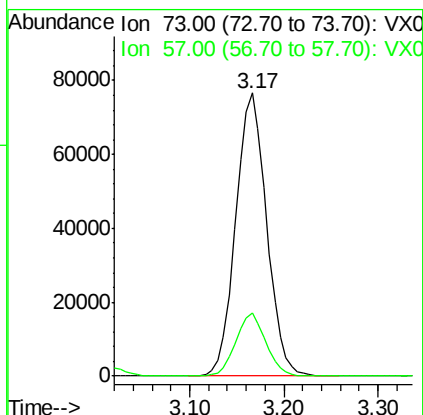
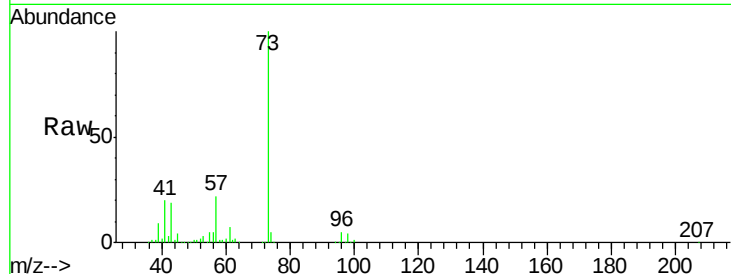




#19
Methyl tert-butyl Ether
Concen: 21.464 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

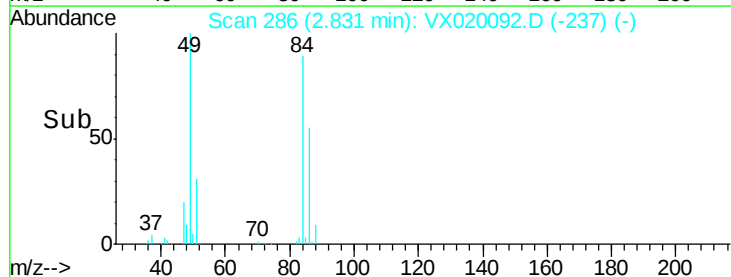
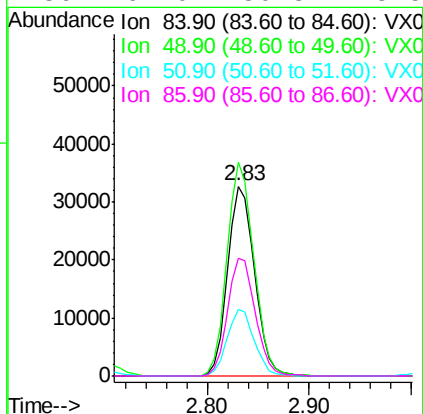
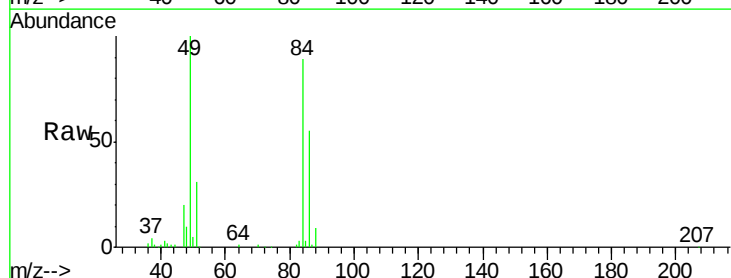
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

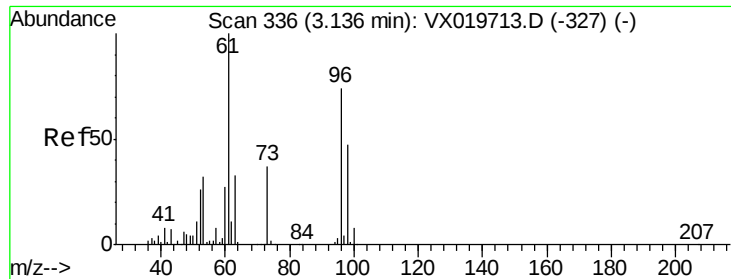
Tgt Ion: 73 Resp: 174518
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 20.898 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Tgt Ion: 84 Resp: 59707
Ion Ratio Lower Upper
84 100
49 112.7 88.6 132.8
51 34.9 27.0 40.6
86 62.0 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.738 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

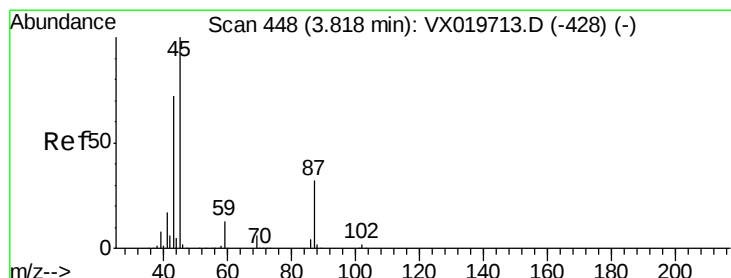
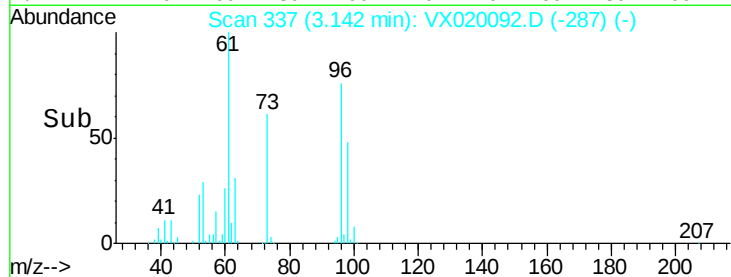
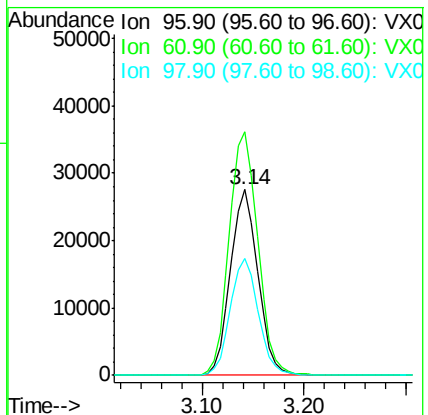
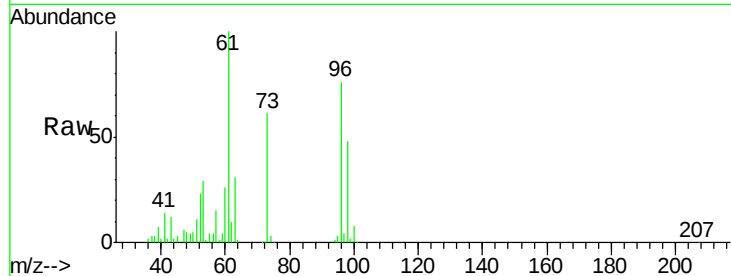
Tgt Ion: 96 Resp: 51376

Ion Ratio Lower Upper

96 100

61 131.2 107.7 161.5

98 62.7 50.4 75.6



#22

Diisopropyl ether

Concen: 22.573 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Tgt Ion: 45 Resp: 172095

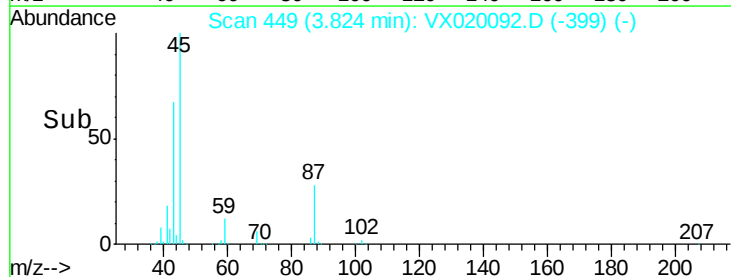
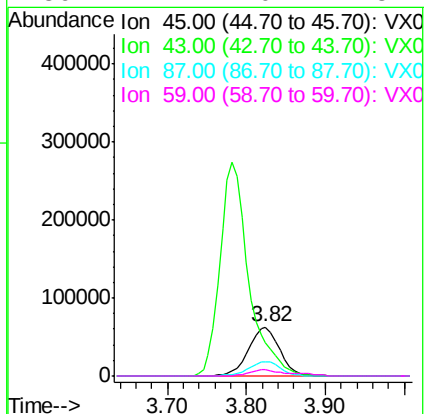
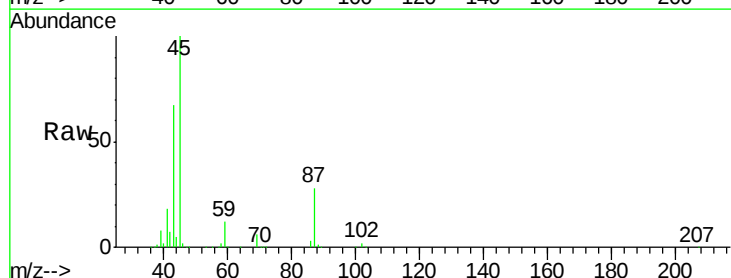
Ion Ratio Lower Upper

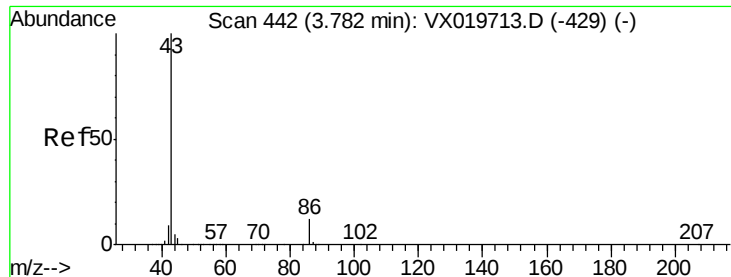
45 100

43 66.6 58.0 87.0

87 28.4 25.4 38.0

59 12.2 10.2 15.2





#23

Vinyl Acetate

Concen: 107.850 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

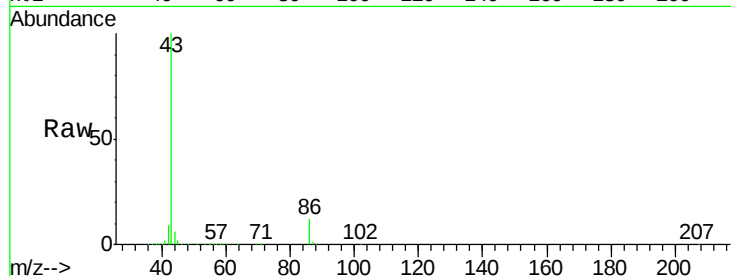
VX1217WBS02

Tgt Ion: 43 Resp: 700501

Ion Ratio Lower Upper

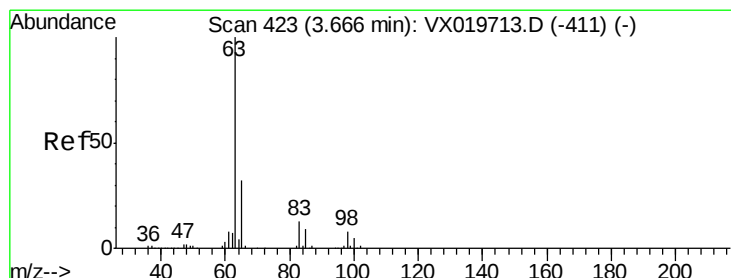
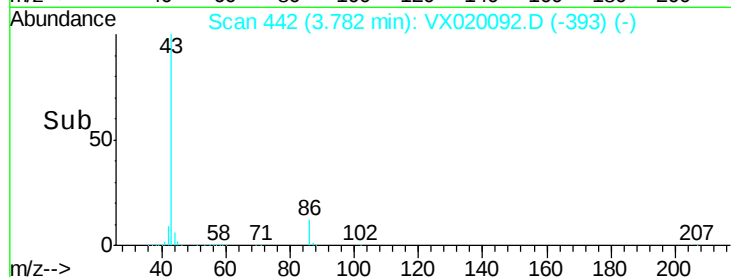
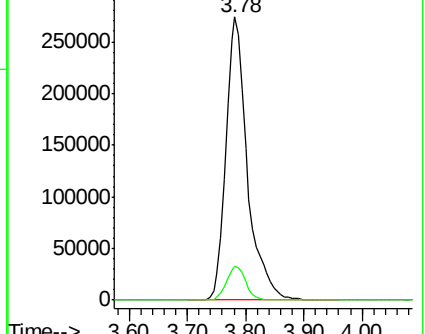
43 100

86 12.0 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: 21.822 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

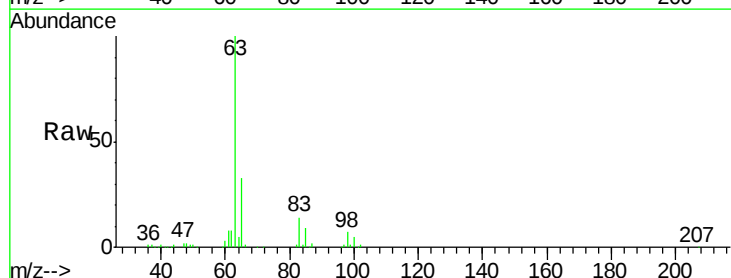
Tgt Ion: 63 Resp: 100323

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

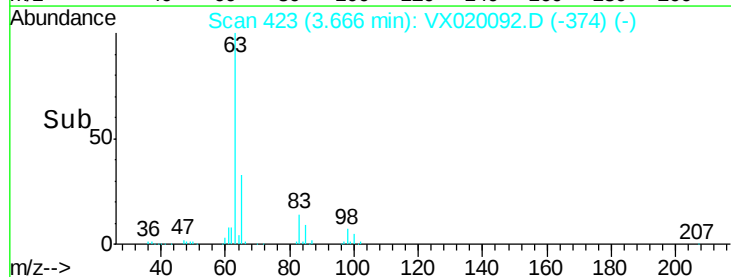
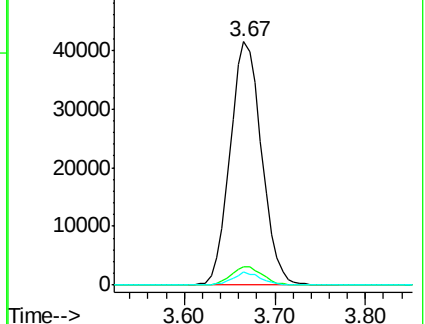
100 5.2 2.5 7.5

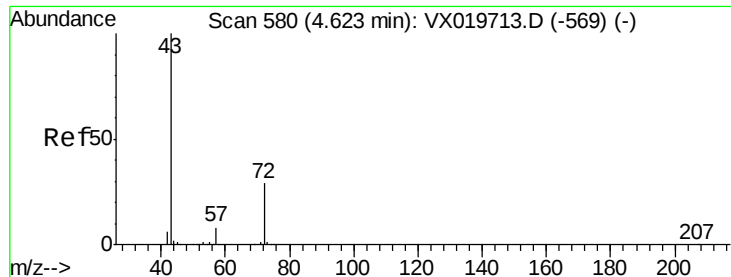


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 111.393 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

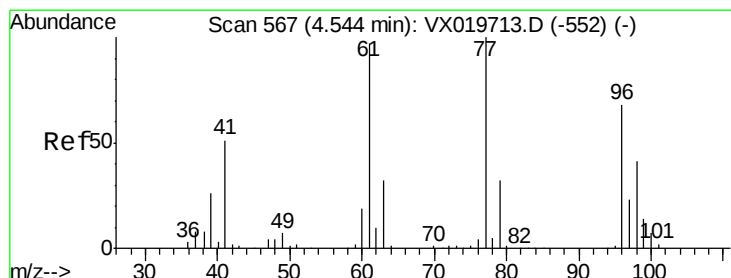
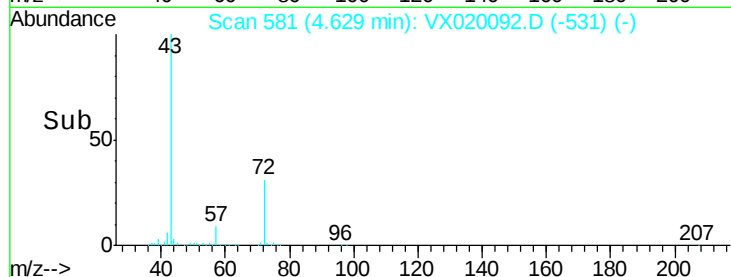
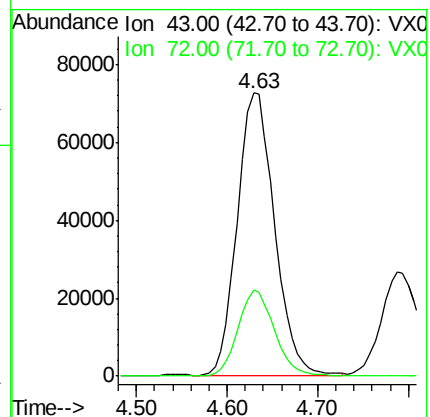
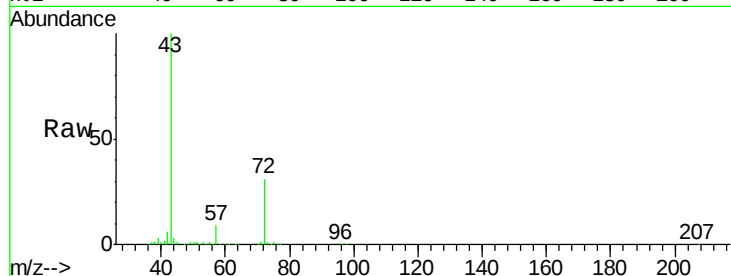
VX1217WBS02

Tgt Ion: 43 Resp: 206051

Ion Ratio Lower Upper

43 100

72 30.5 23.7 35.5



#26

2,2-Dichloropropane

Concen: 17.264 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX020092.D

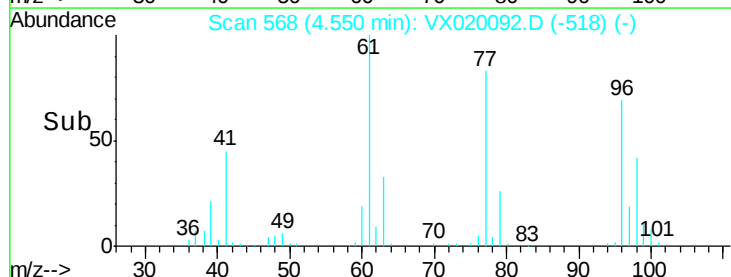
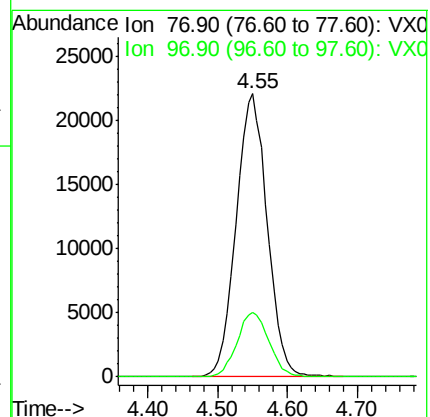
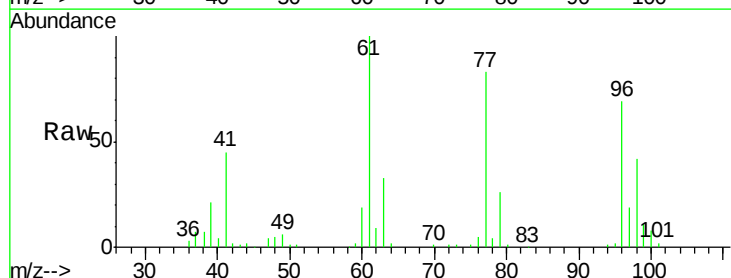
Acq: 17 Dec 2020 02:25

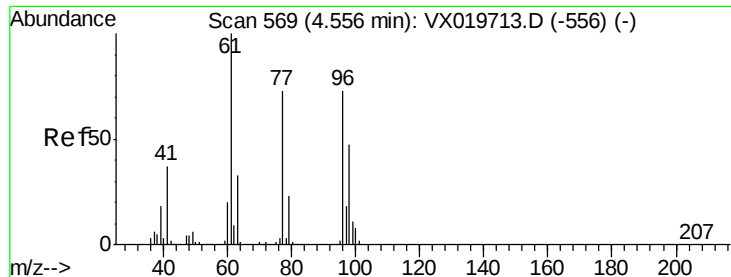
Tgt Ion: 77 Resp: 68352

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1



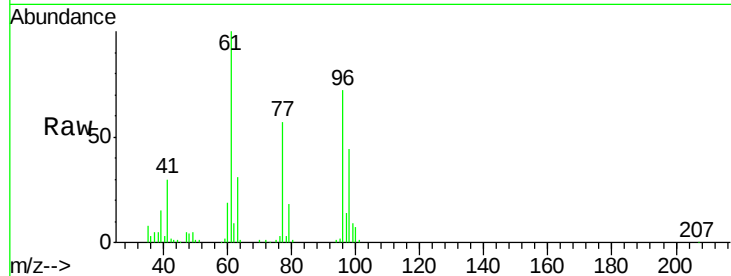


#27

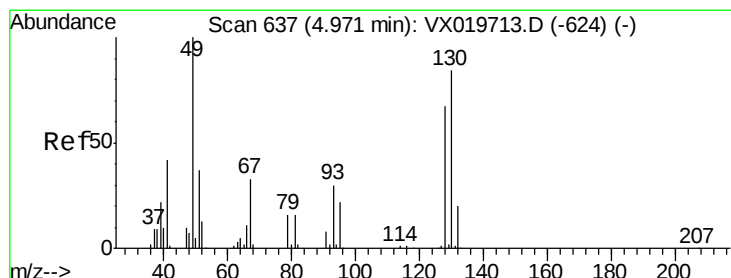
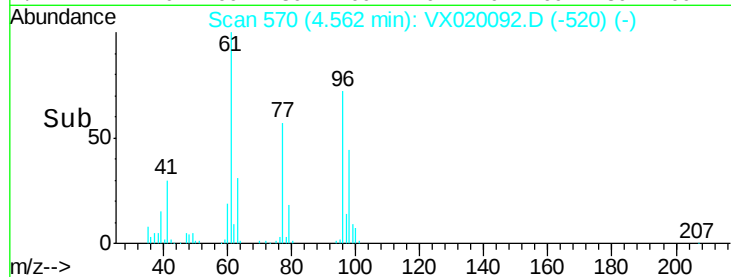
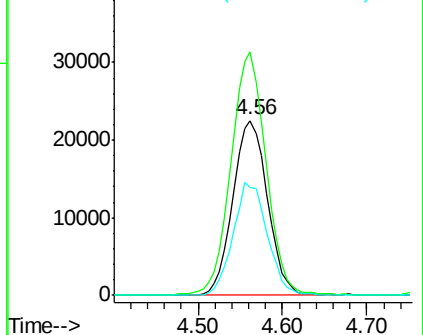
cis-1,2-Dichloroethene
Concen: 20.596 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tgt Ion: 96 Resp: 62736
Ion Ratio Lower Upper
96 100
61 141.4 0.0 285.6
98 63.3 0.0 129.6



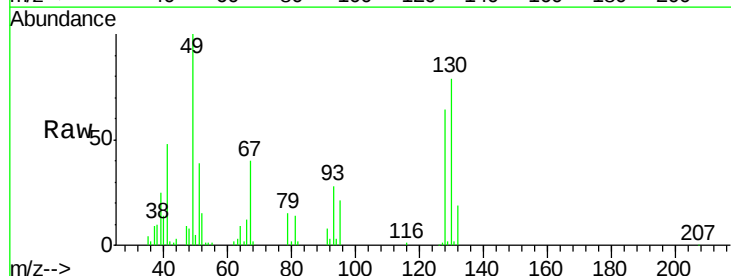
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



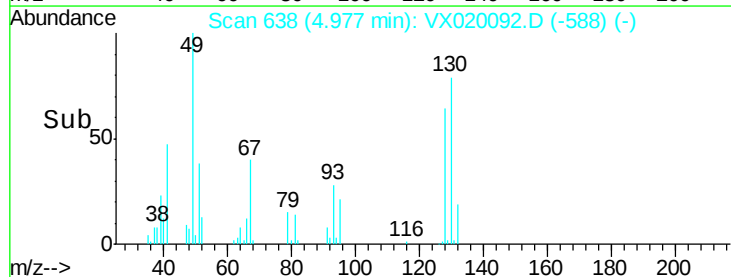
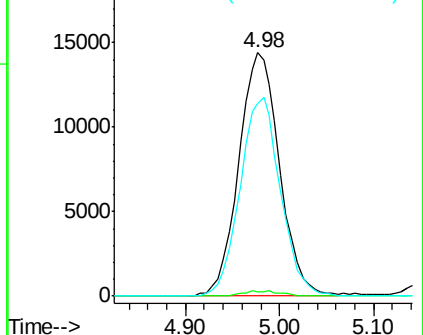
#28

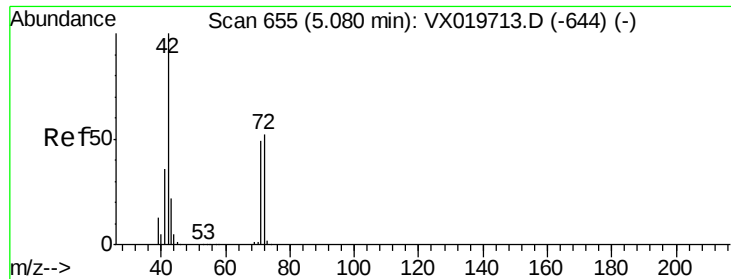
Bromochloromethane
Concen: 19.858 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Tgt Ion: 49 Resp: 43522
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 81.0 68.2 102.2



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

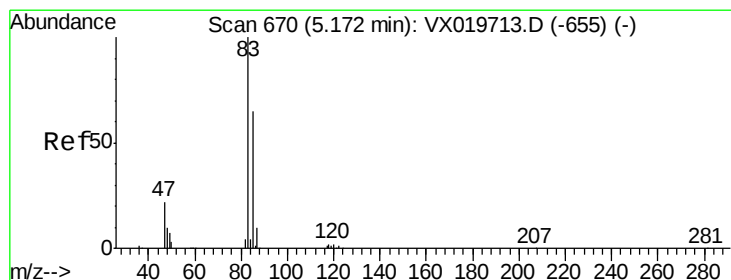
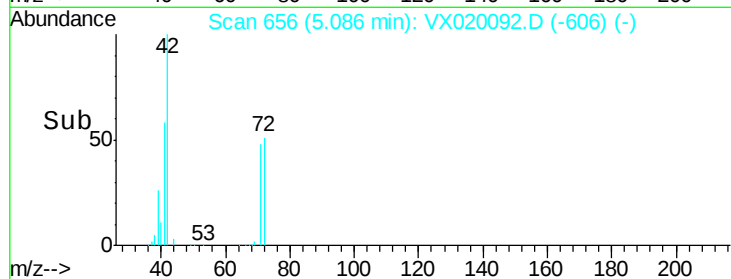
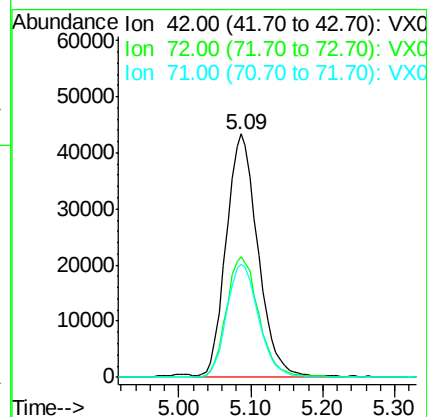
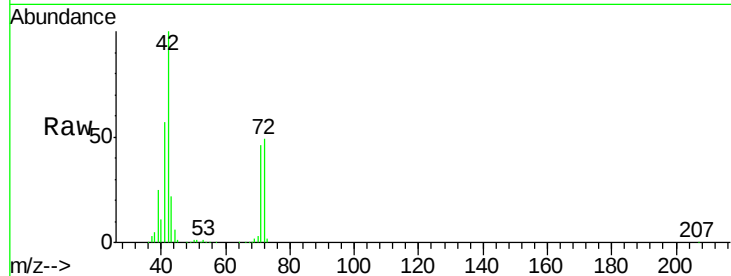




#29
Tetrahydrofuran
Concen: 110.979 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

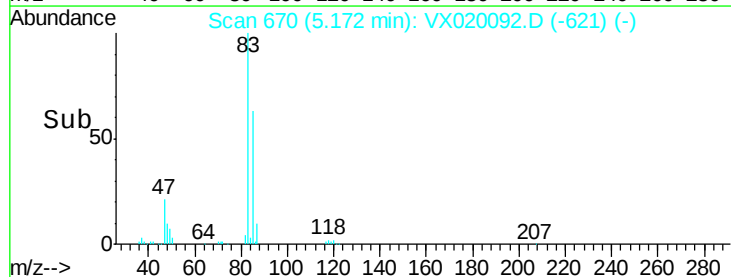
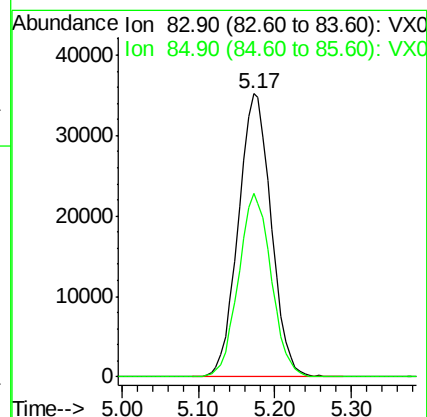
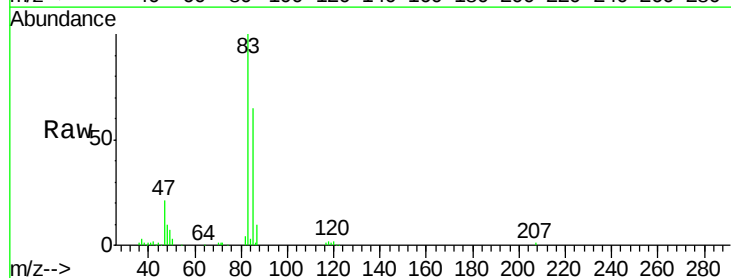
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

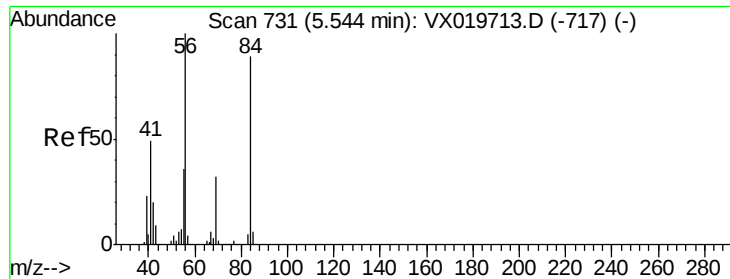
Tgt Ion: 42 Resp: 132262
Ion Ratio Lower Upper
42 100
72 51.0 41.7 62.5
71 46.8 38.4 57.6



#30
Chloroform
Concen: 22.175 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Tgt Ion: 83 Resp: 104826
Ion Ratio Lower Upper
83 100
85 64.7 52.0 78.0

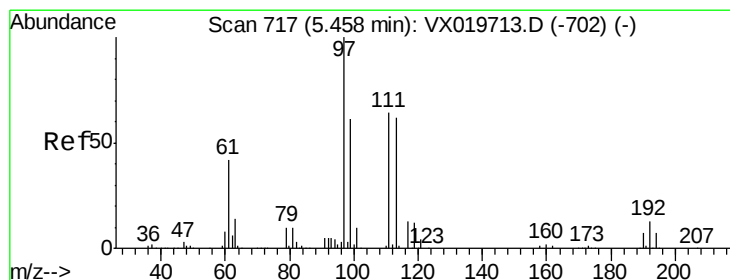
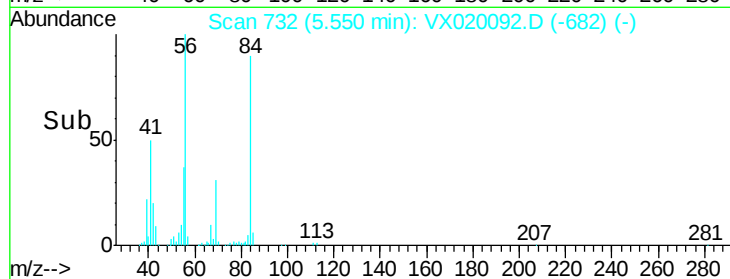
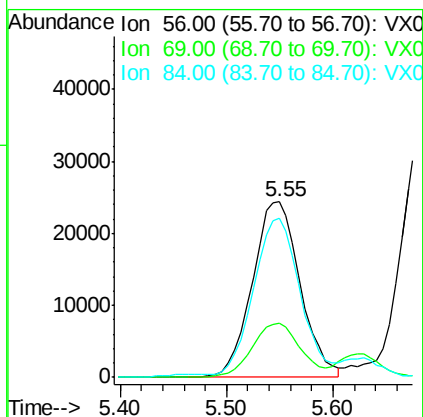
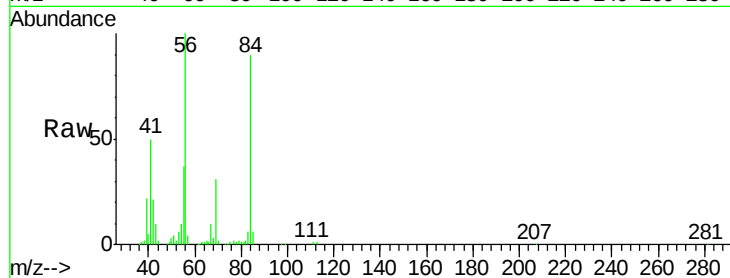




#31
Cyclohexane
Concen: 19.170 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

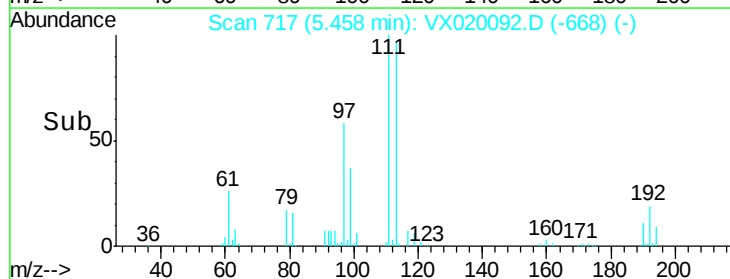
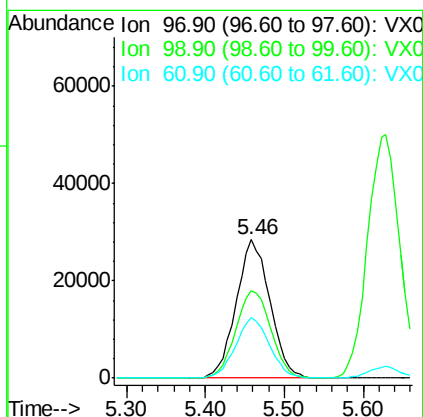
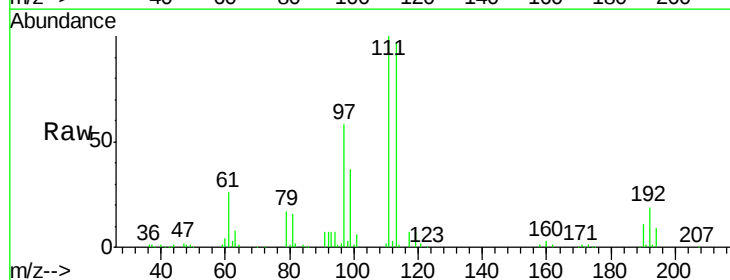
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

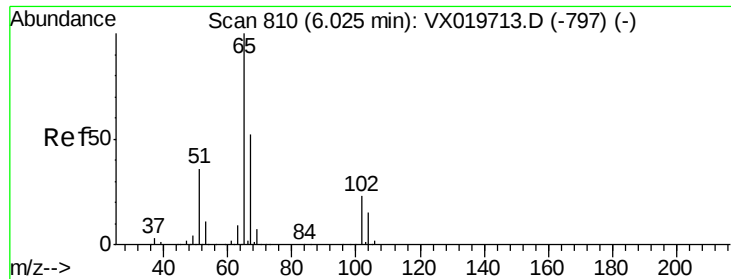
Tgt Ion: 56 Resp: 76369
Ion Ratio Lower Upper
56 100
69 30.8 25.3 37.9
84 88.8 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 20.813 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Tgt Ion: 97 Resp: 84729
Ion Ratio Lower Upper
97 100
99 65.8 51.5 77.3
61 44.1 34.2 51.4

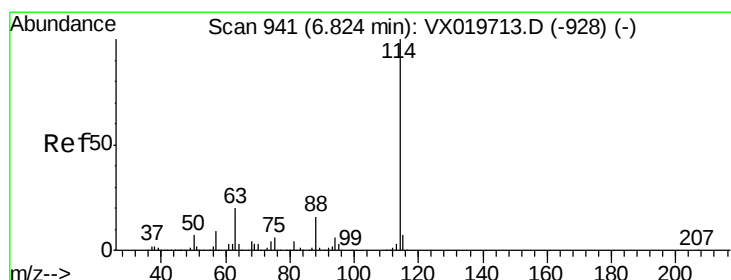
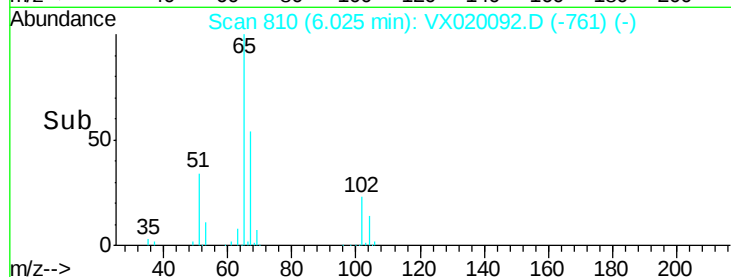
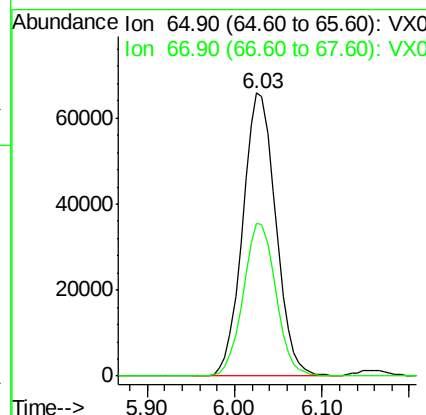
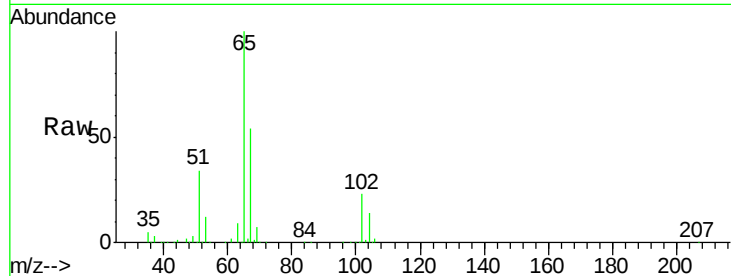




#33
 1,2-Dichloroethane-d4
 Concen: 54.121 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

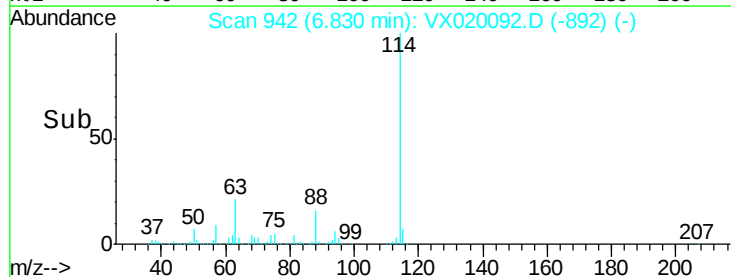
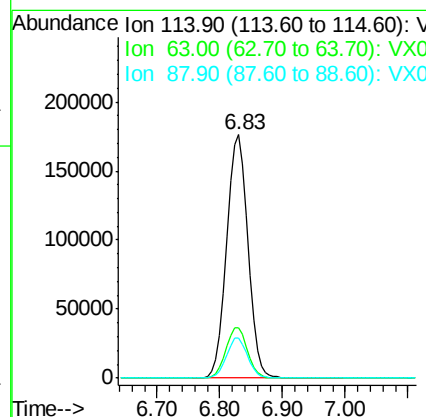
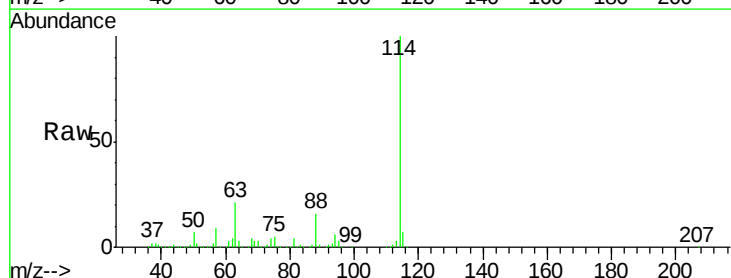
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

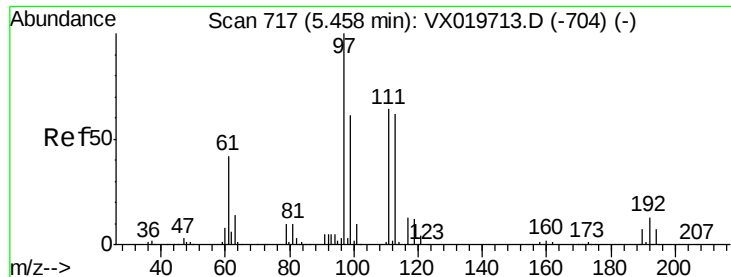
Tgt Ion: 65 Resp: 173330
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Tgt Ion: 114 Resp: 415240
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 16.5 0.0 32.8

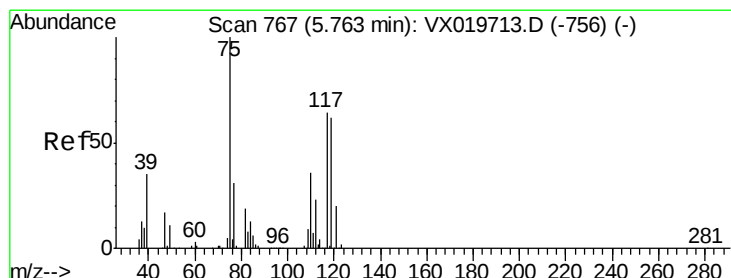
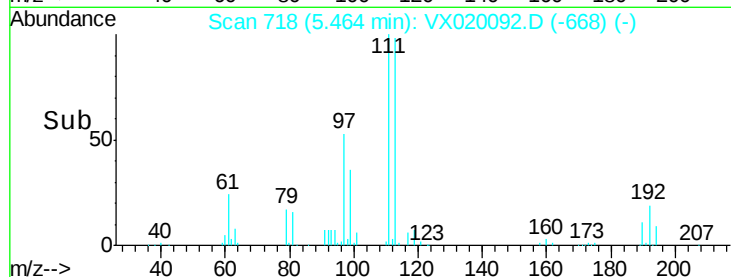
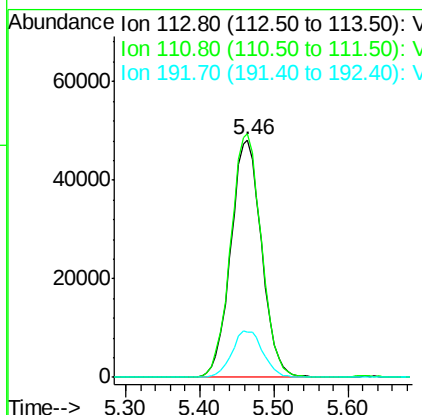
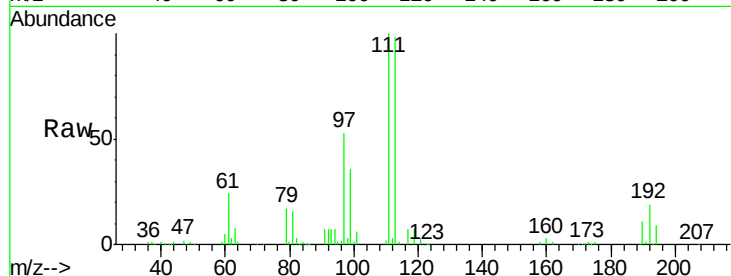




#35
 Dibromofluoromethane
 Concen: 52.037 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

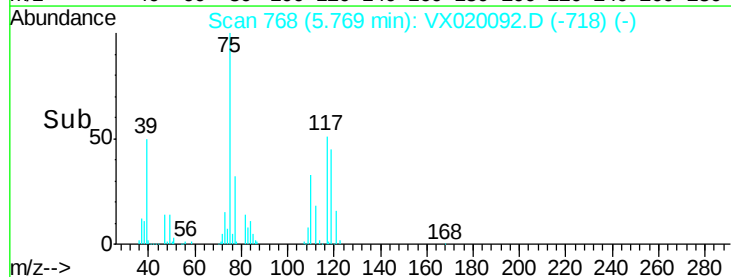
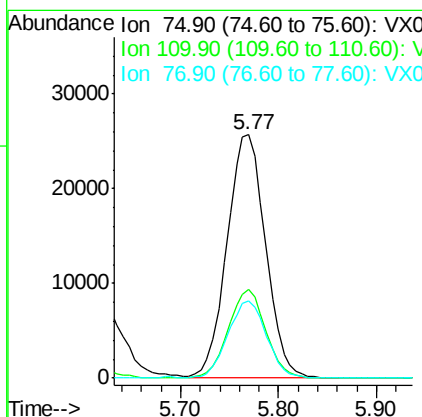
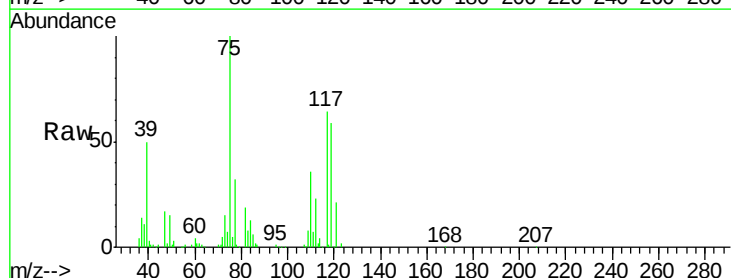
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

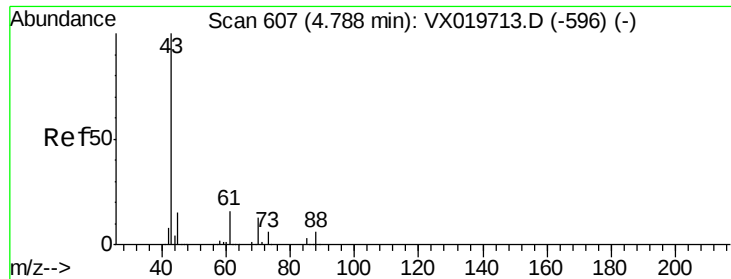
Tgt Ion: 113 Resp: 139647
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 19.9 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 18.787 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Tgt Ion: 75 Resp: 70492
 Ion Ratio Lower Upper
 75 100
 110 35.1 18.1 54.4
 77 31.6 25.3 37.9

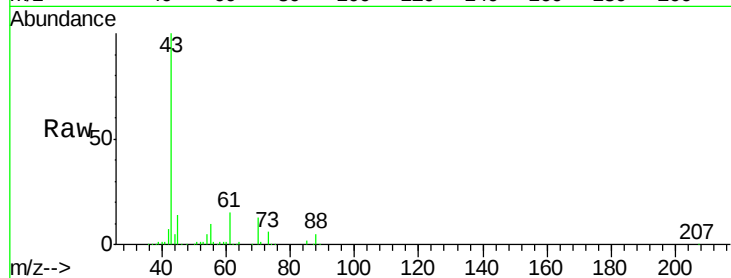




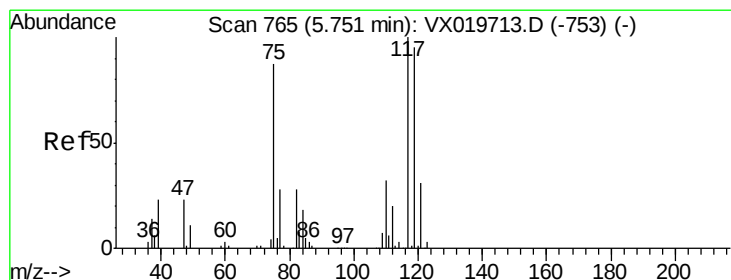
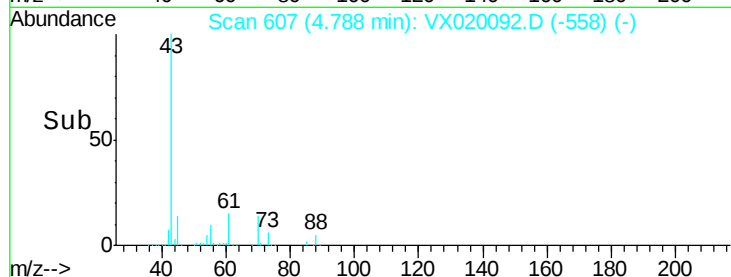
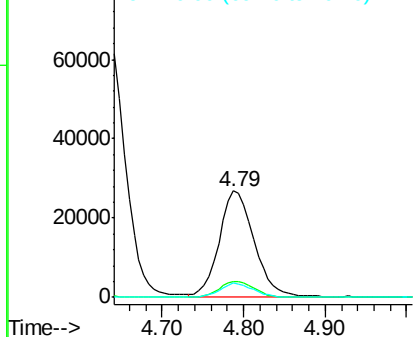
#37
Ethyl Acetate
Concen: 20.705 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tgt Ion: 43 Resp: 78440
Ion Ratio Lower Upper
43 100
61 15.8 12.8 19.2
70 12.6 10.5 15.7

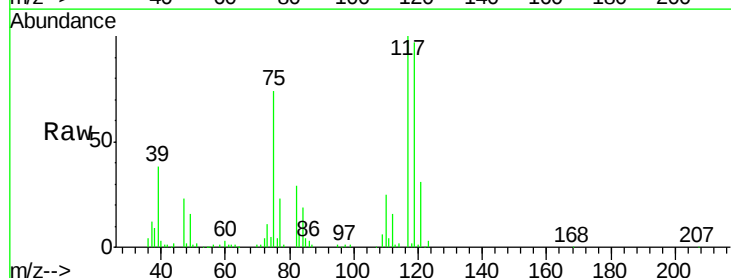


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

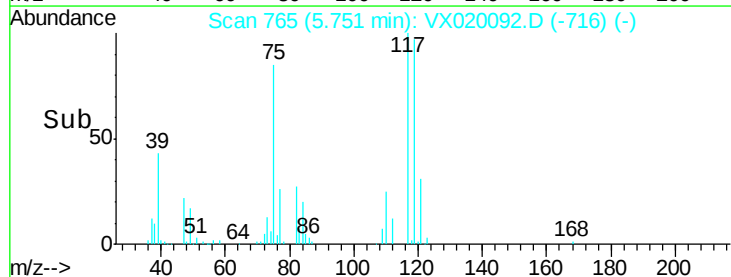
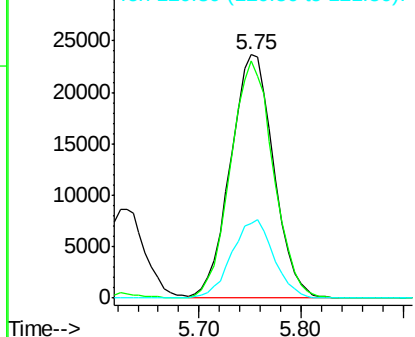


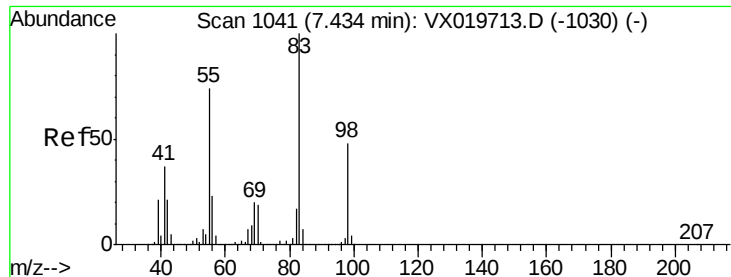
#38
Carbon Tetrachloride
Concen: 18.959 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Tgt Ion: 117 Resp: 69664
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.2
121 30.9 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

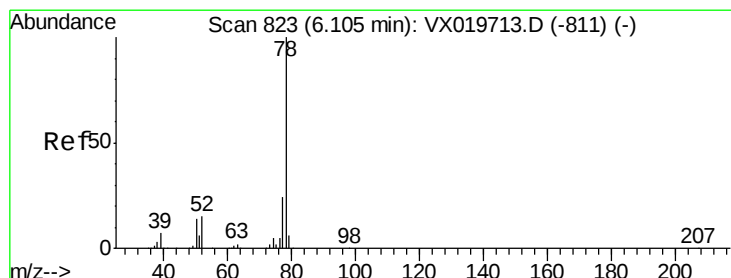
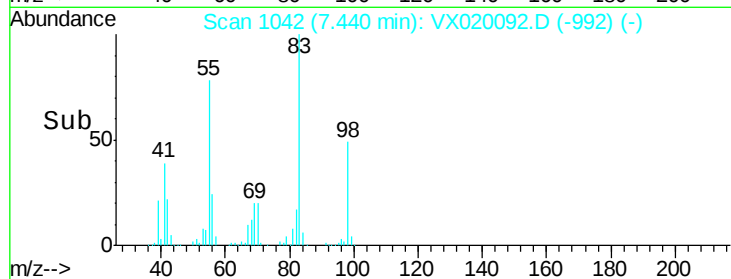
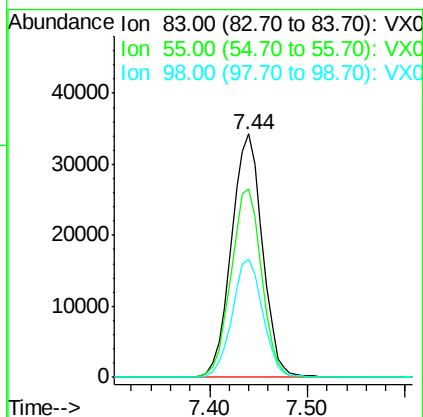
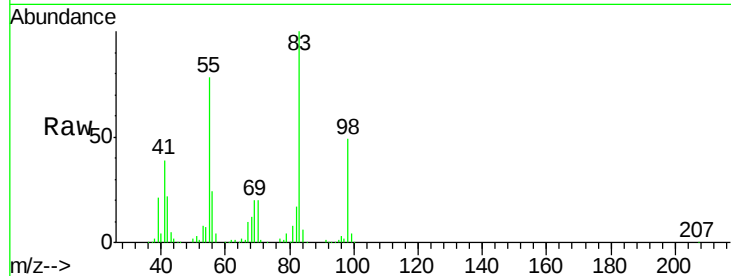




#39
Methylcyclohexane
Concen: 17.062 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

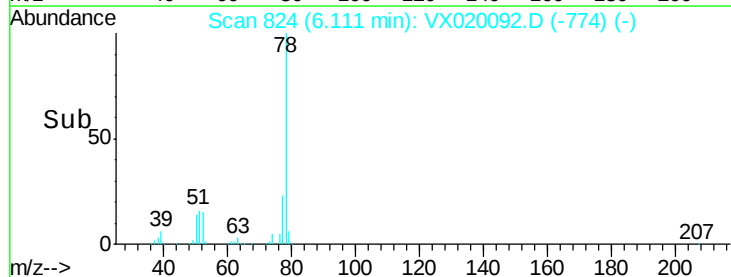
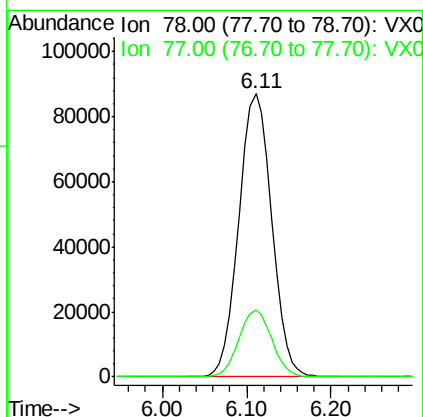
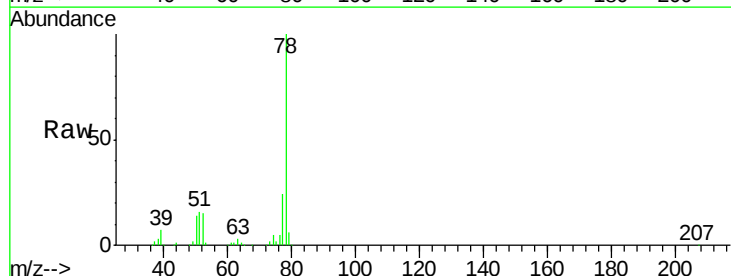
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

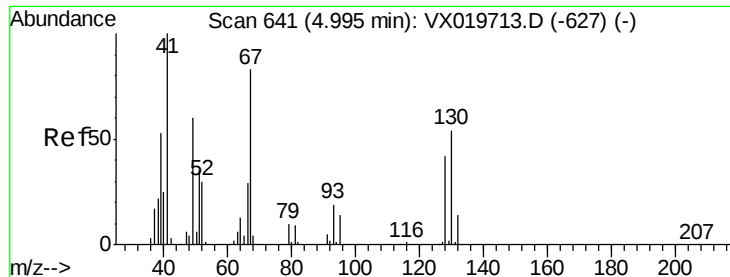
Tgt Ion: 83 Resp: 75217
Ion Ratio Lower Upper
83 100
55 77.7 58.9 88.3
98 48.7 38.1 57.1



#40
Benzene
Concen: 20.095 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Tgt Ion: 78 Resp: 230330
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

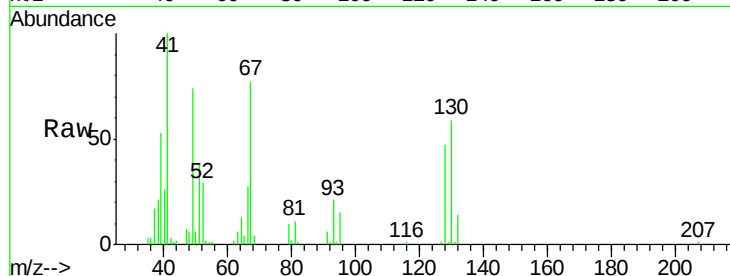




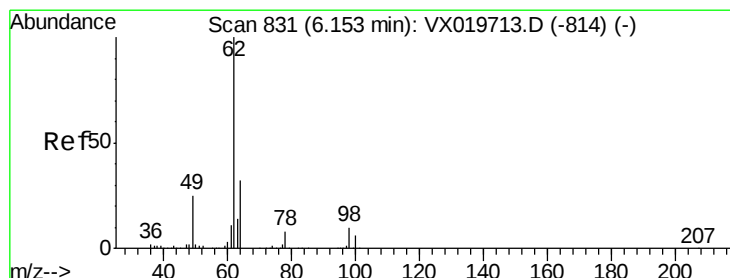
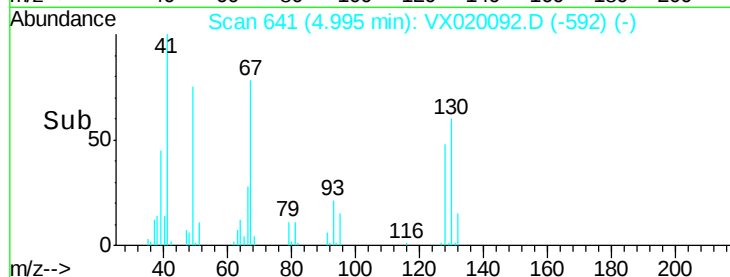
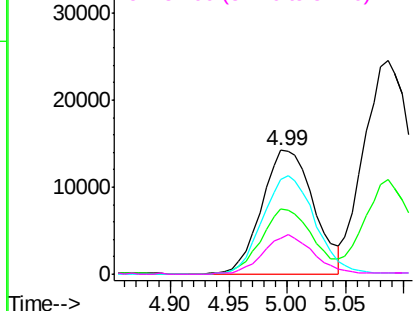
#41
Methacrylonitrile
Concen: 21.298 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tgt Ion: 41 Resp: 44301
Ion Ratio Lower Upper
41 100
39 52.4 42.5 63.7
67 80.3 65.0 97.6
52 31.0 25.3 37.9

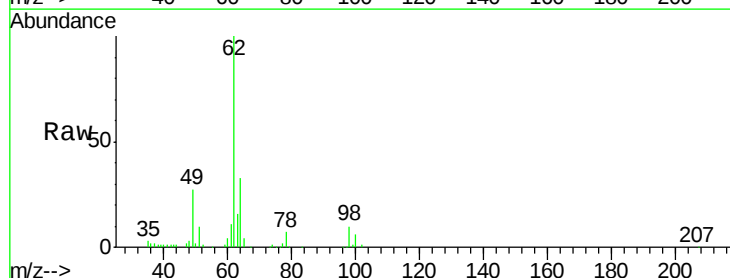


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

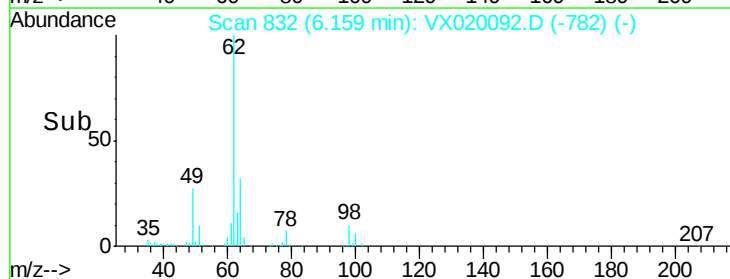
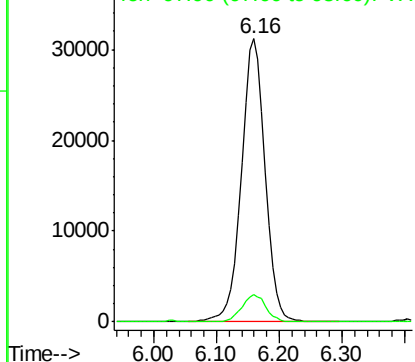


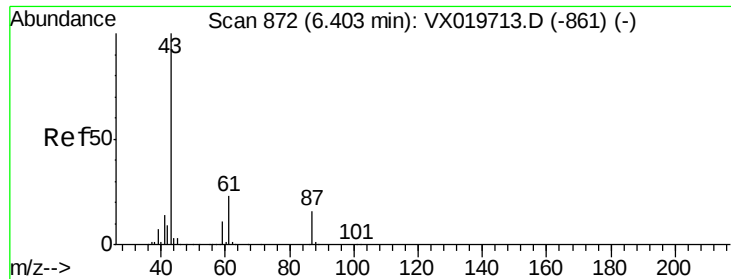
#42
1,2-Dichloroethane
Concen: 20.812 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Tgt Ion: 62 Resp: 81503
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.2



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





#43

Isopropyl Acetate

Concen: 20.050 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

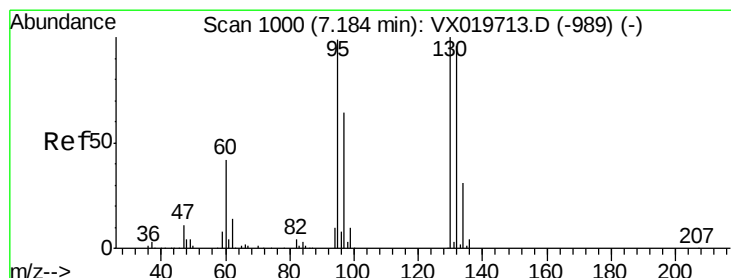
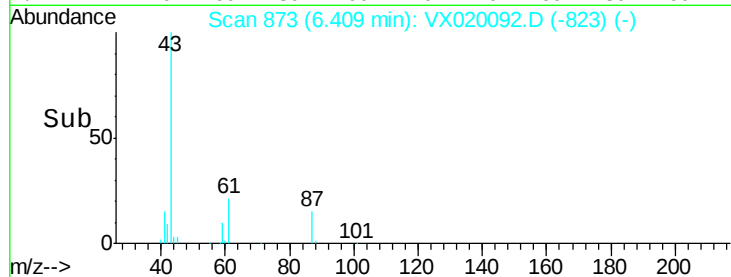
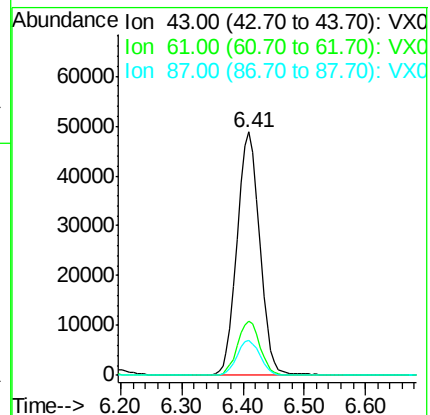
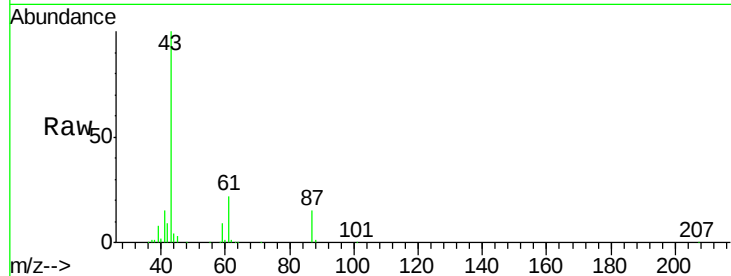
Tgt Ion: 43 Resp: 123497

Ion Ratio Lower Upper

43 100

61 22.3 18.2 27.4

87 14.6 12.5 18.7



#44

Trichloroethene

Concen: 19.082 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX020092.D

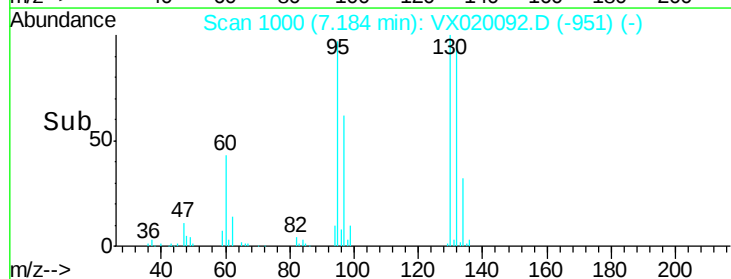
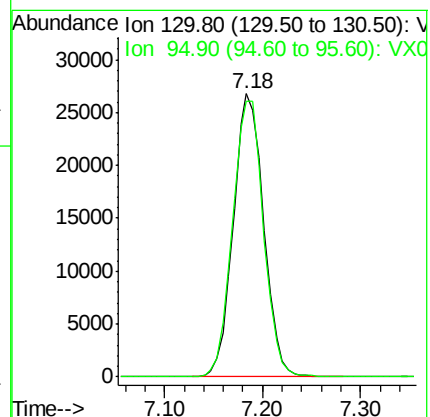
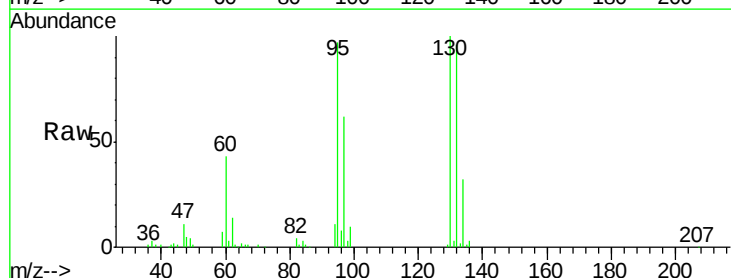
Acq: 17 Dec 2020 02:25

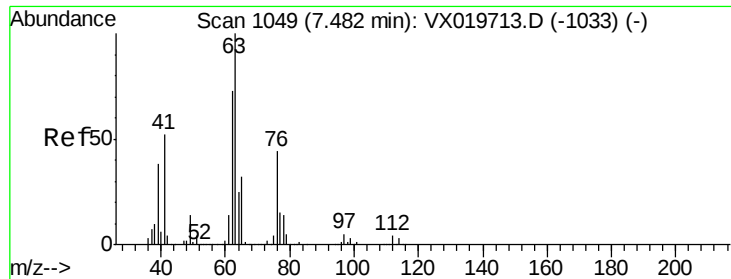
Tgt Ion: 130 Resp: 57386

Ion Ratio Lower Upper

130 100

95 97.3 0.0 198.0

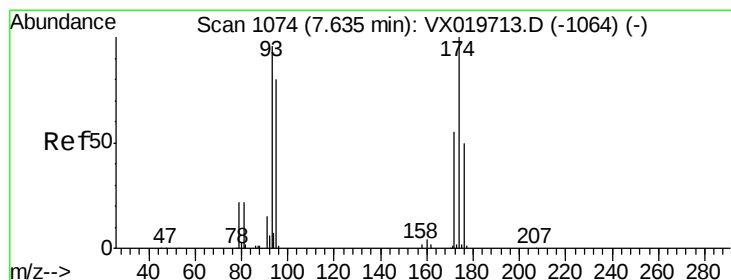
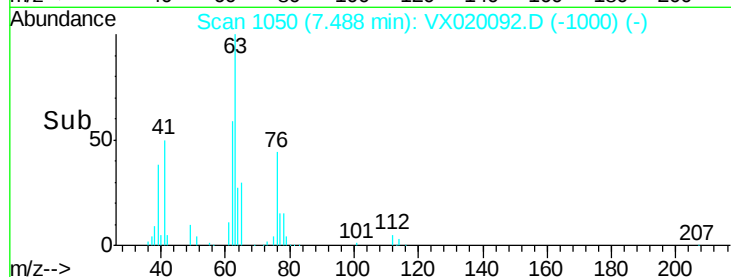
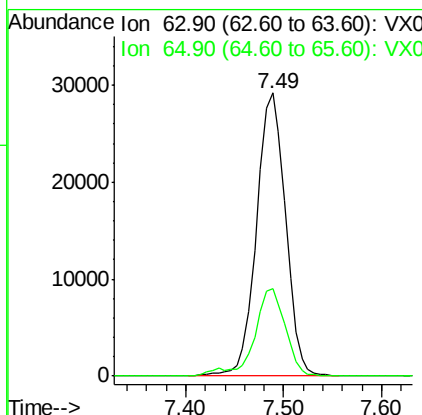
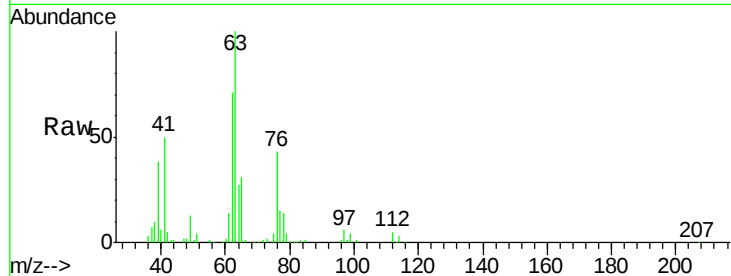




#45
 1,2-Dichloropropane
 Concen: 21.068 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

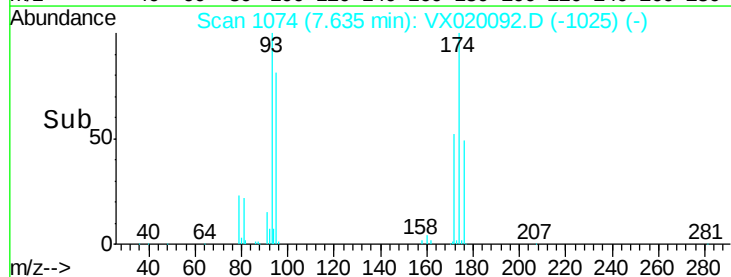
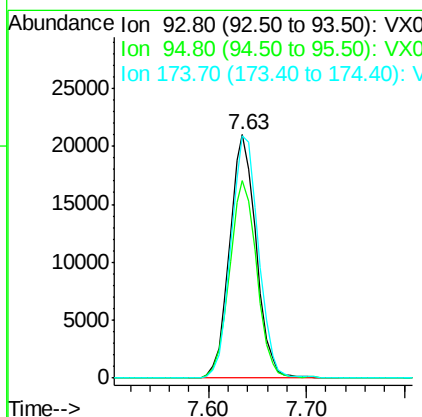
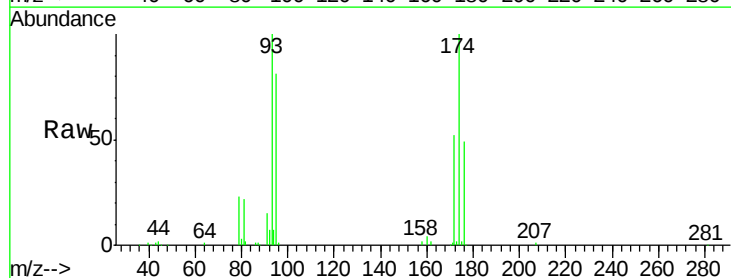
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

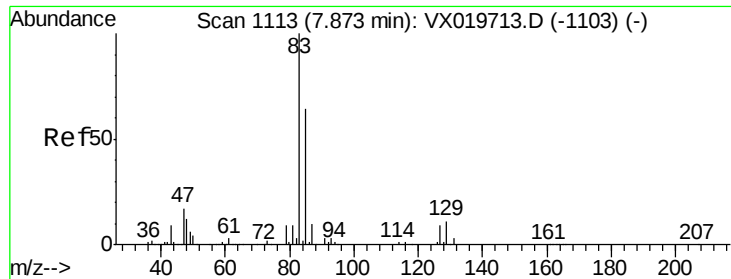
Tgt Ion: 63 Resp: 60353
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.7 38.5



#46
 Dibromomethane
 Concen: 20.429 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Tgt Ion: 93 Resp: 39521
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.8 100.2
 174 102.8 83.1 124.7





#47

Bromodichloromethane

Concen: 20.381 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

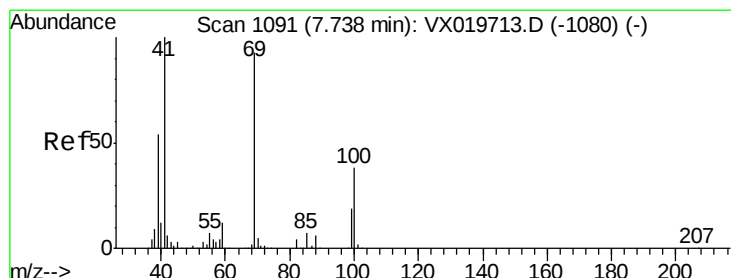
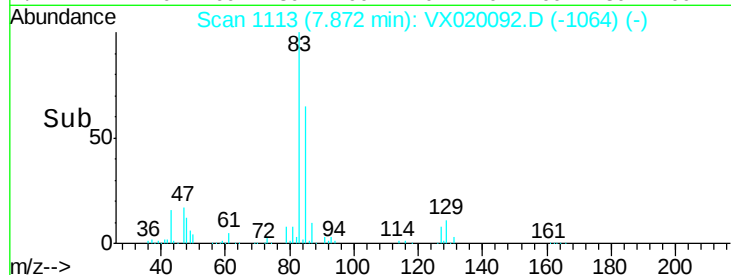
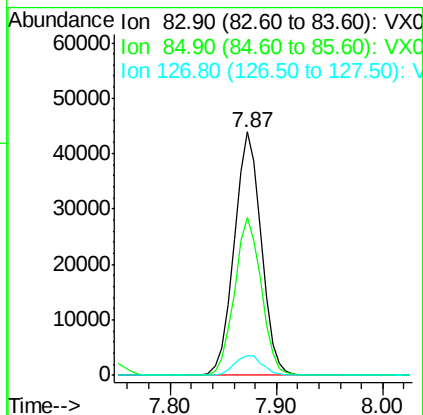
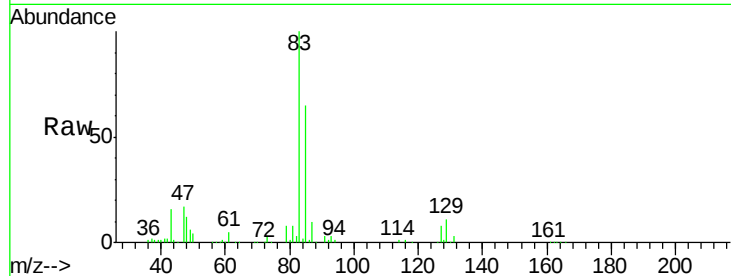
Tgt Ion: 83 Resp: 78238

Ion Ratio Lower Upper

83 100

85 65.0 51.4 77.0

127 7.9 6.8 10.2



#48

Methyl methacrylate

Concen: 19.917 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

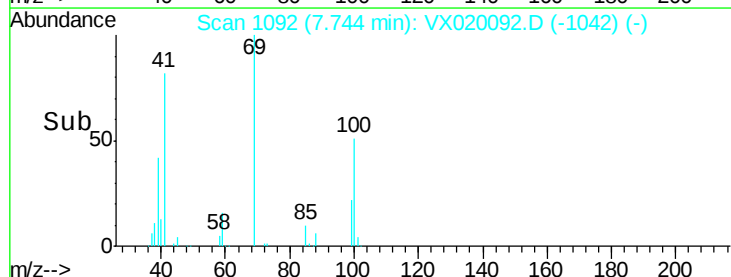
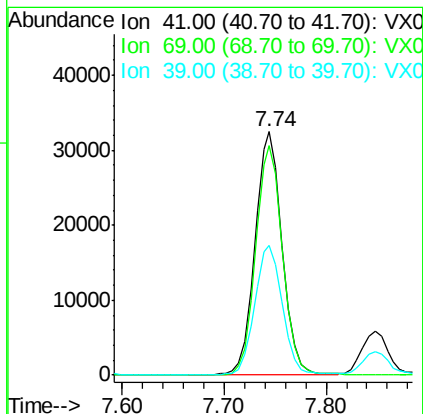
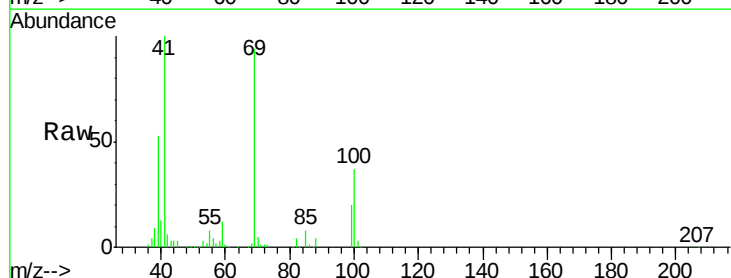
Tgt Ion: 41 Resp: 60334

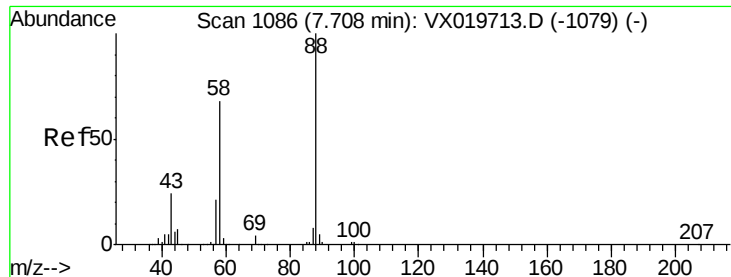
Ion Ratio Lower Upper

41 100

69 93.1 76.0 114.0

39 54.6 44.6 67.0

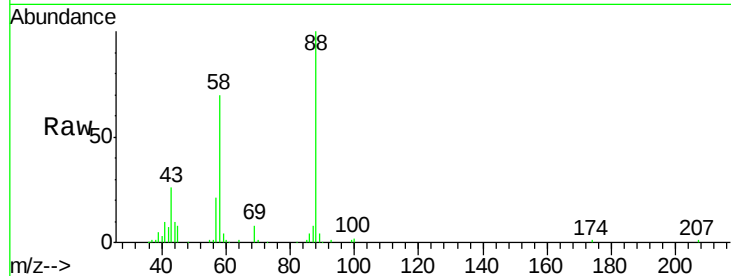




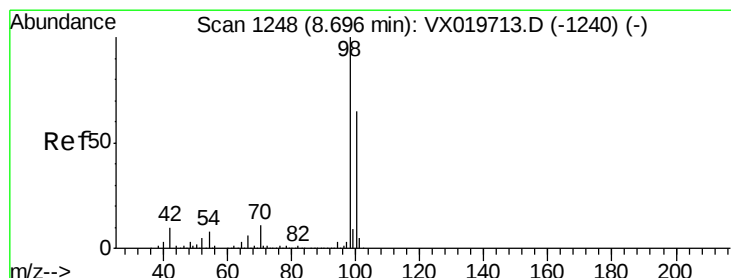
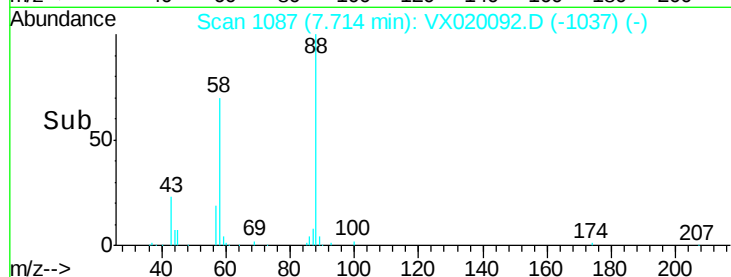
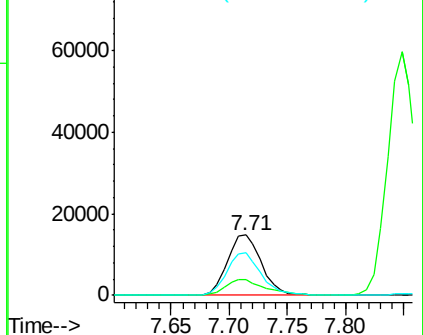
#49
1,4-Dioxane
Concen: 409.349 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tgt Ion: 88 Resp: 30039
Ion Ratio Lower Upper
88 100
43 29.5 23.2 34.8
58 71.1 55.0 82.4

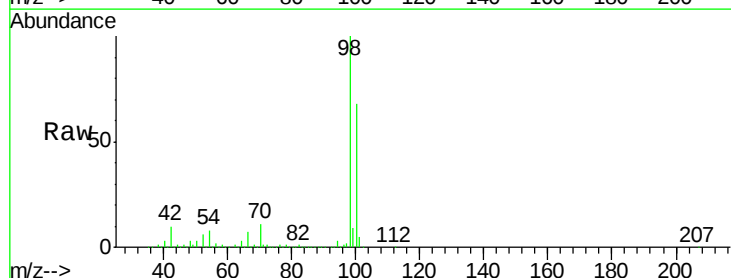


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

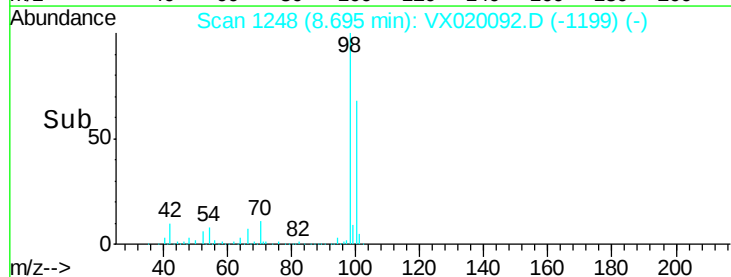
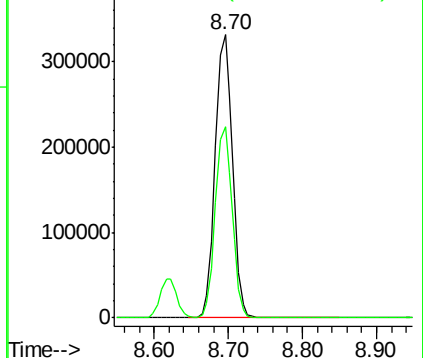


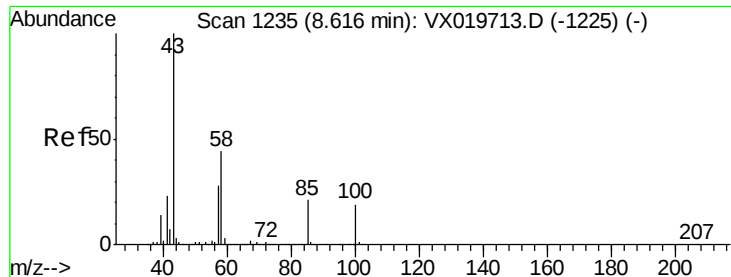
#50
Toluene-d8
Concen: 51.428 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Tgt Ion: 98 Resp: 526904
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



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

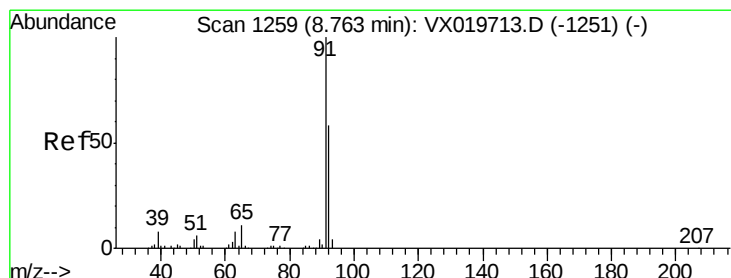
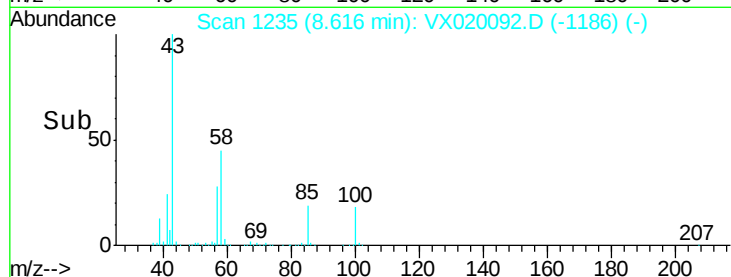
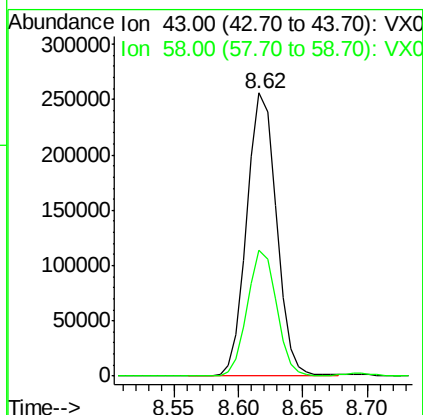
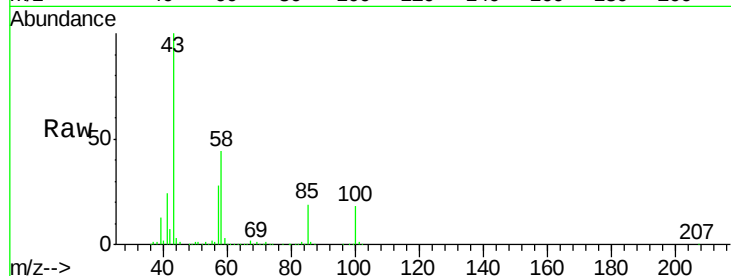




#51
 4-Methyl-2-Pentanone
 Concen: 108.308 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

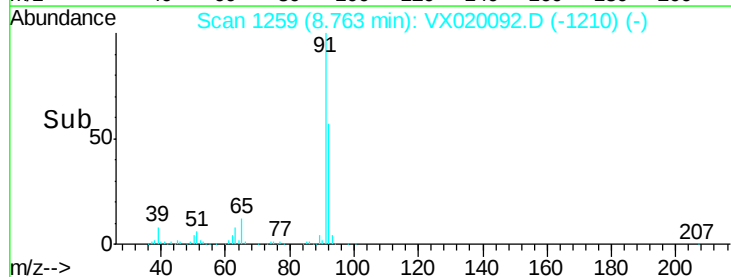
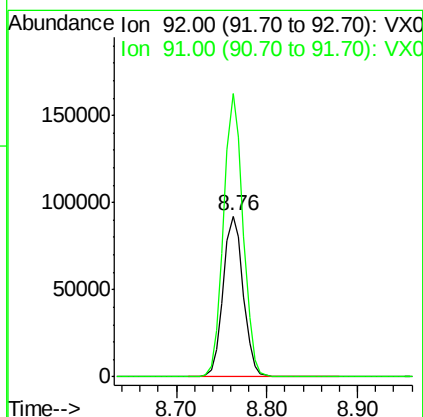
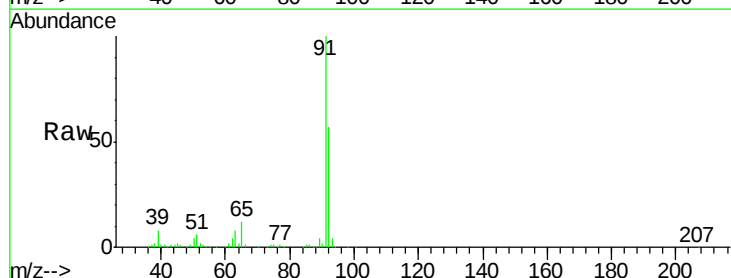
Instrument :
 MSVOA_X
 ClientSampled :
 VX1217WBS02

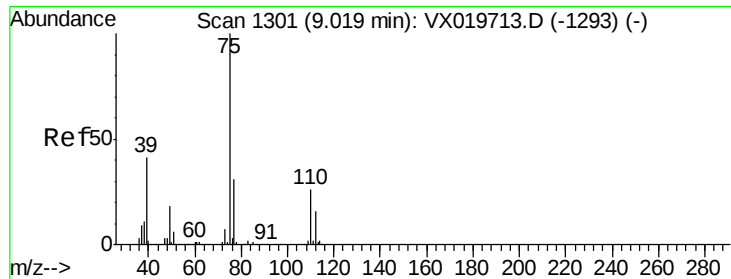
Tgt Ion: 43 Resp: 407291
 Ion Ratio Lower Upper
 43 100
 58 43.7 35.4 53.0



#52
 Toluene
 Concen: 19.803 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Tgt Ion: 92 Resp: 141960
 Ion Ratio Lower Upper
 92 100
 91 171.8 137.1 205.7

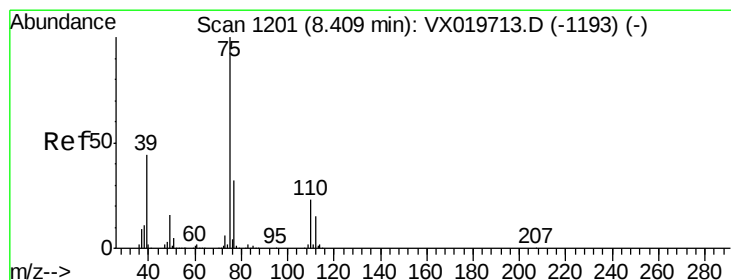
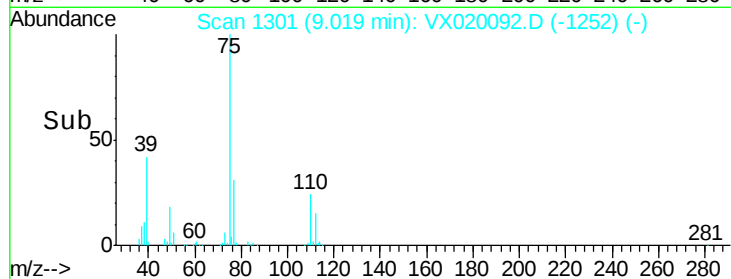
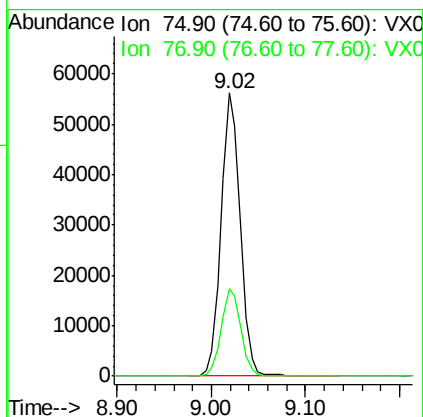
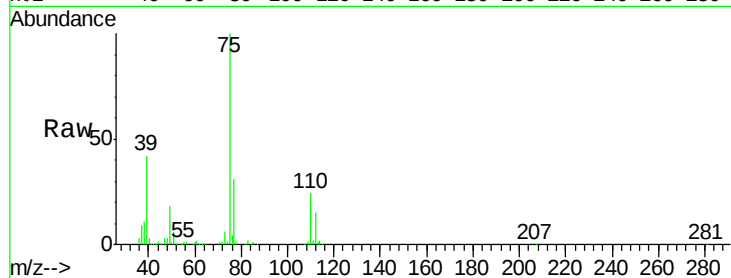




#53
t-1,3-Dichloropropene
Concen: 18.563 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

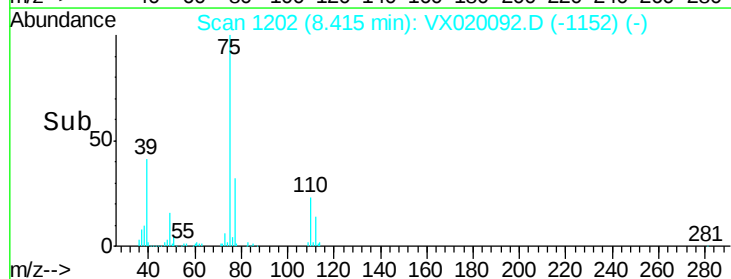
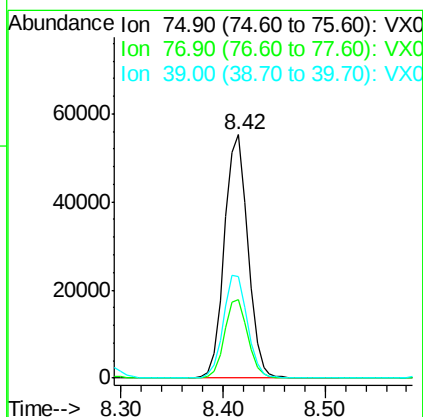
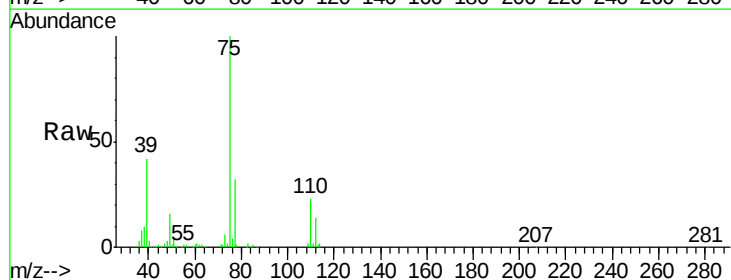
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

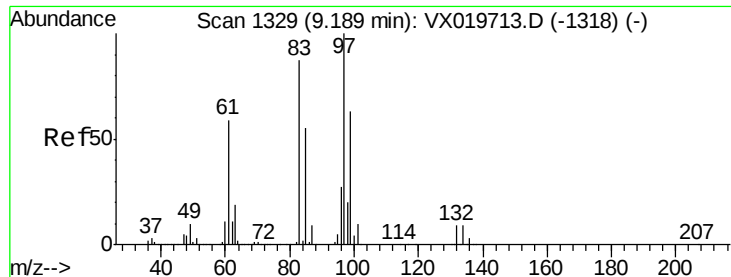
Tgt Ion: 75 Resp: 79075
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 19.060 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Tgt Ion: 75 Resp: 88207
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
39 41.5 35.1 52.7

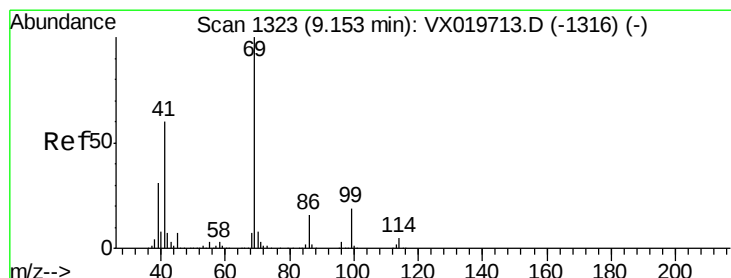
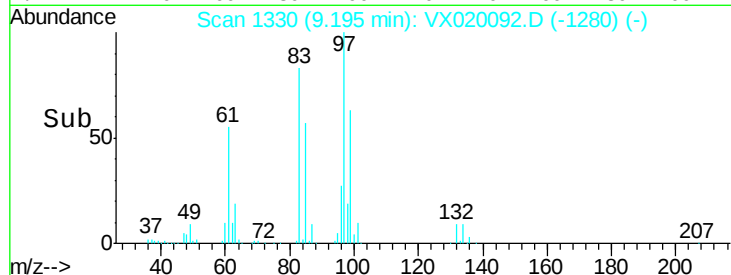
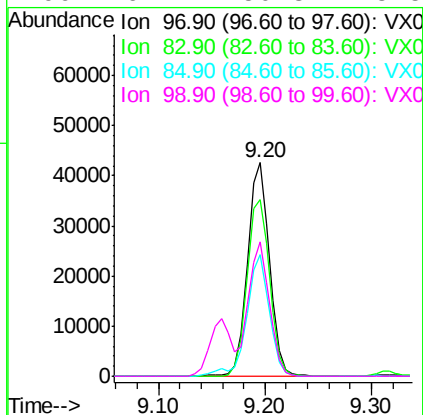
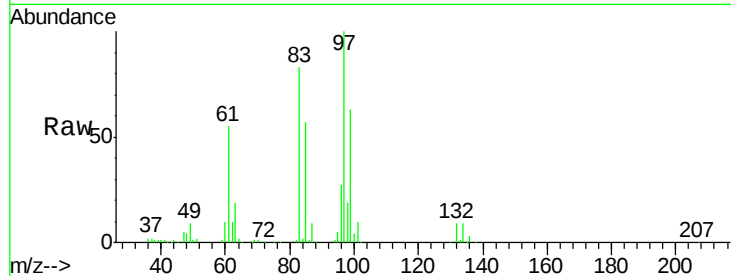




#55
 1,1,2-Trichloroethane
 Concen: 21.307 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

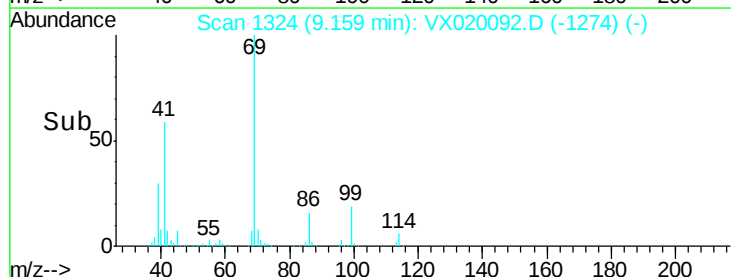
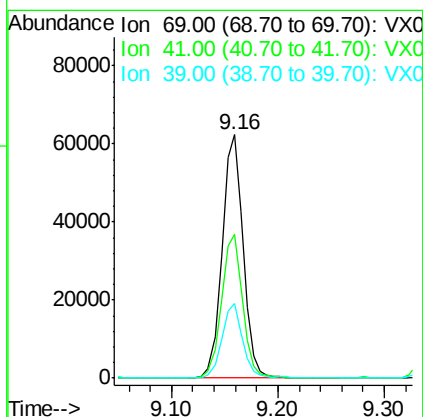
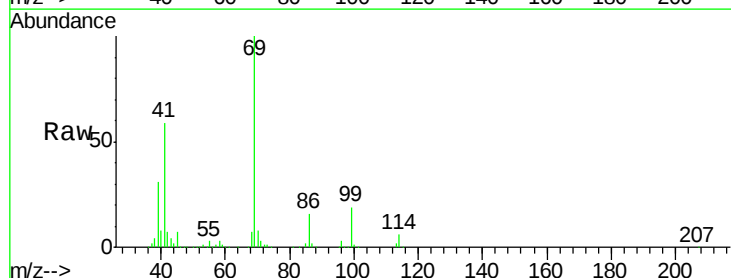
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

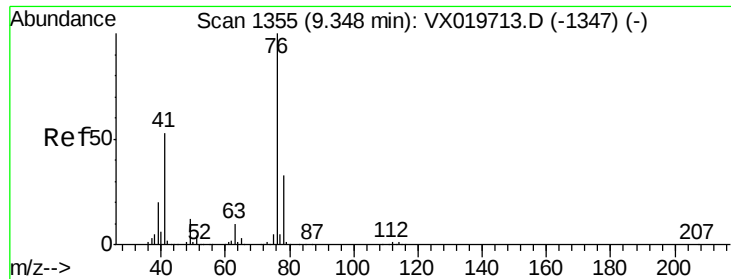
Tgt Ion:	97	Resp:	61555
Ion	Ratio	Lower	Upper
97	100		
83	82.6	69.3	103.9
85	57.2	44.3	66.5
99	62.7	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 19.630 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Tgt Ion:	69	Resp:	85799
Ion	Ratio	Lower	Upper
69	100		
41	58.8	46.8	70.2
39	30.0	24.7	37.1

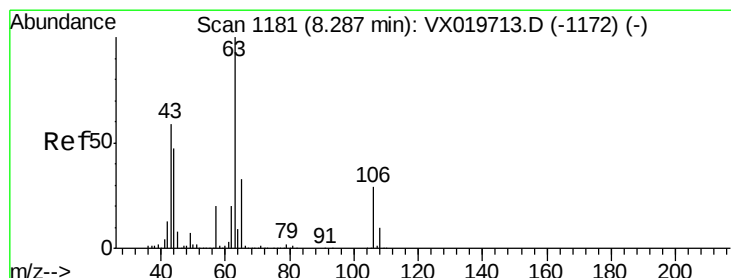
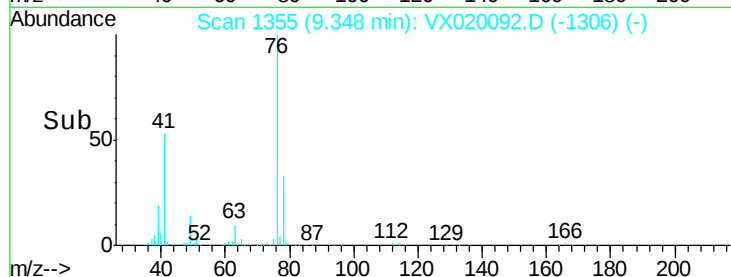
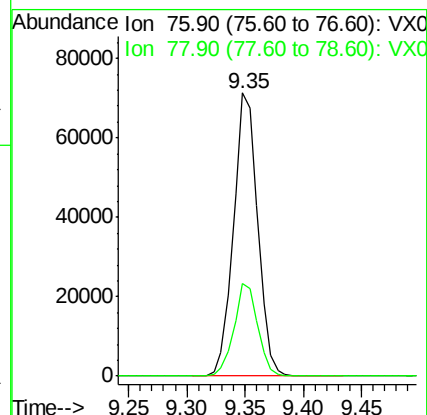
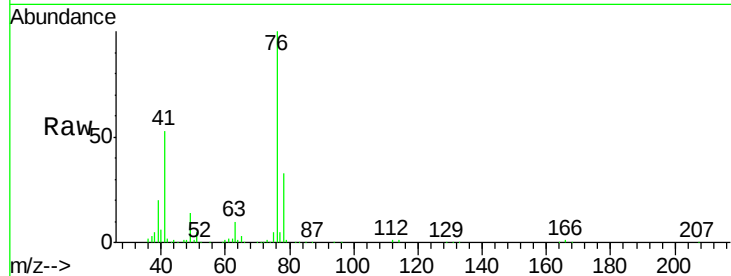




#57
 1,3-Dichloropropane
 Concen: 20.864 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

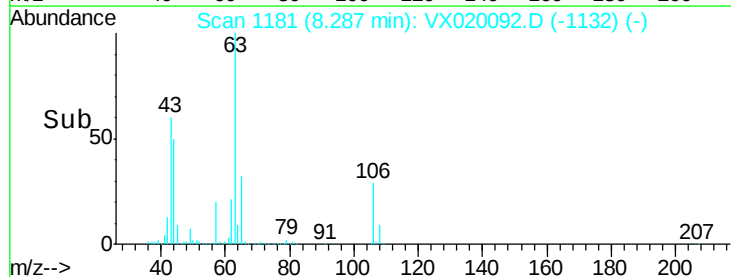
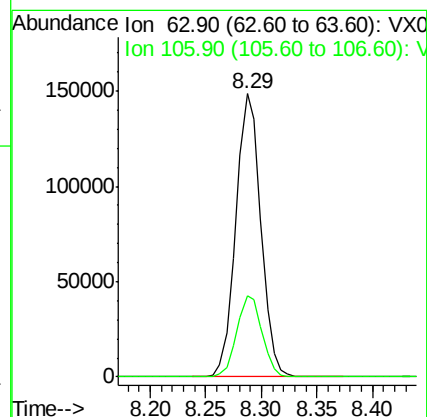
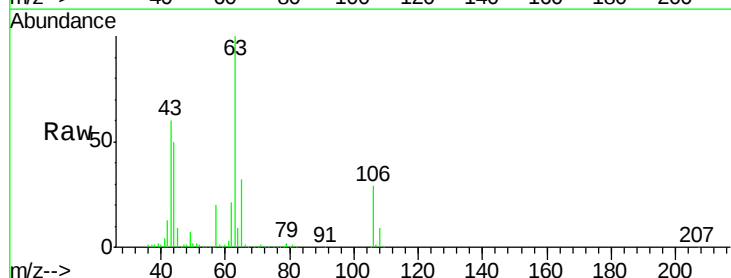
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

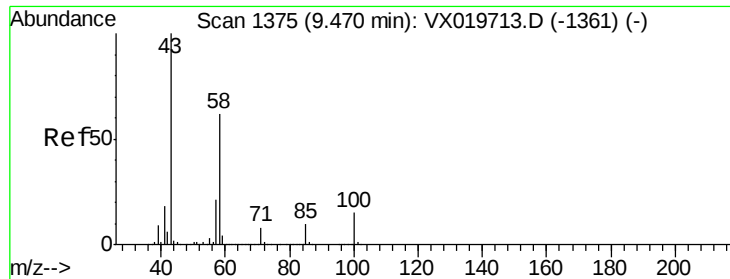
Tgt Ion: 76 Resp: 102918
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.584 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Tgt Ion: 63 Resp: 230587
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.5 35.3

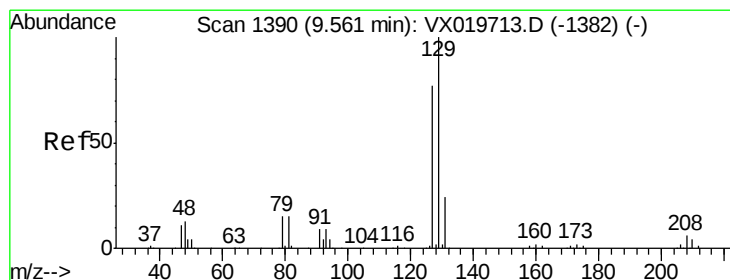
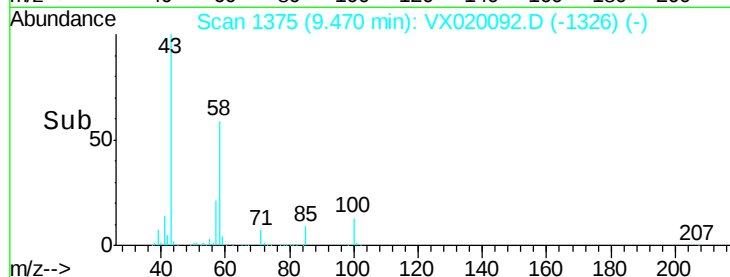
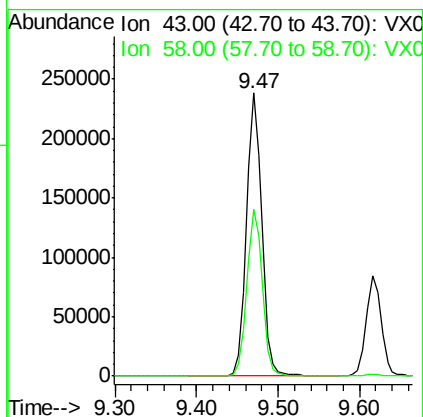
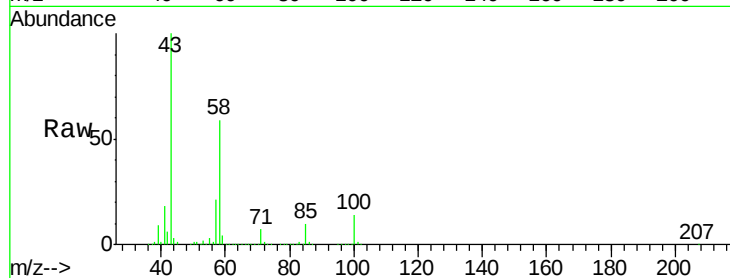




#59
2-Hexanone
Concen: 105.825 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

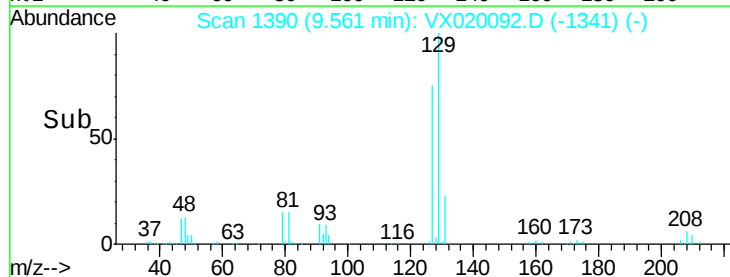
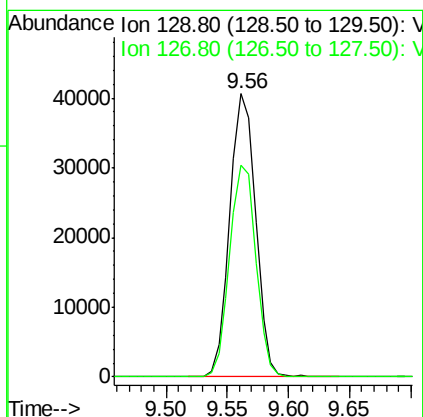
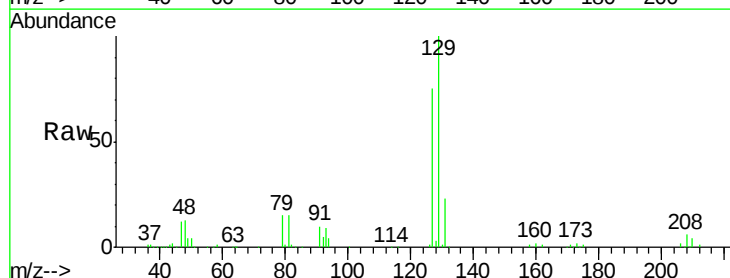
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

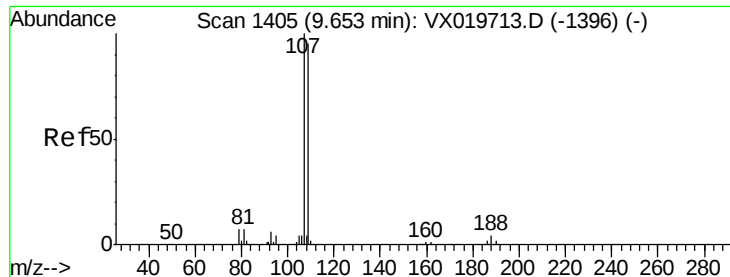
Tgt Ion: 43 Resp: 308467
Ion Ratio Lower Upper
43 100
58 59.7 30.9 92.8



#60
Dibromochloromethane
Concen: 20.249 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Tgt Ion: 129 Resp: 59433
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.354 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

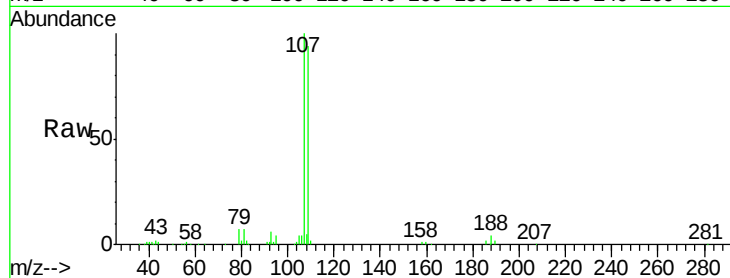
VX1217WBS02

Tgt Ion: 107 Resp: 62441

Ion Ratio Lower Upper

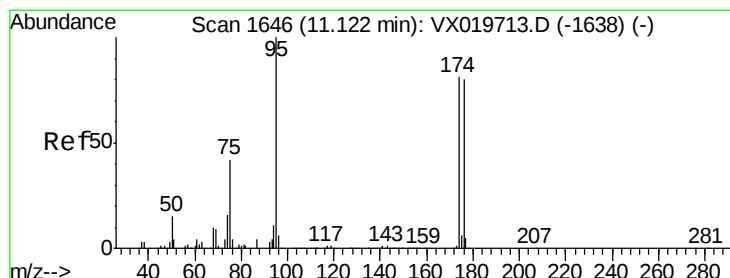
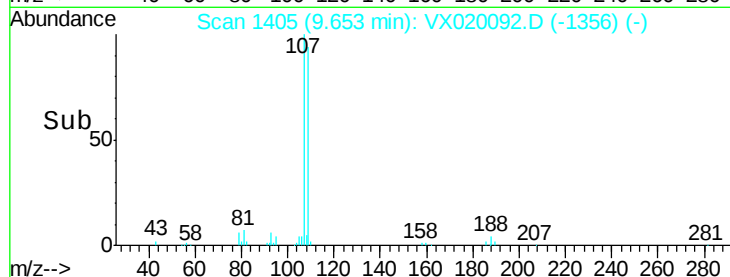
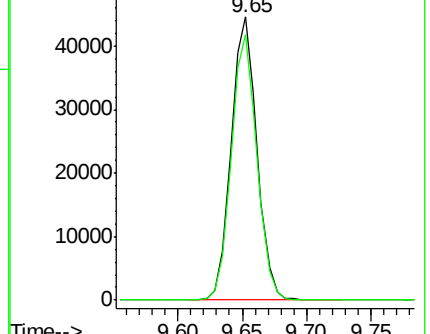
107 100

109 93.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.371 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

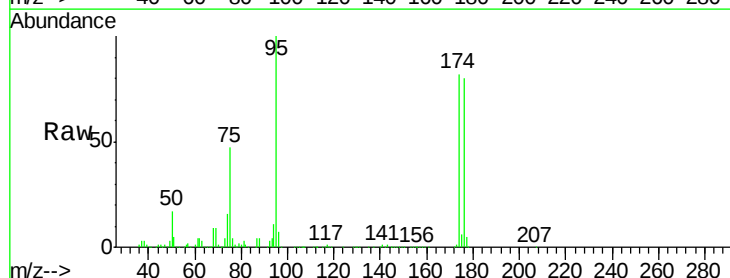
Tgt Ion: 95 Resp: 196425

Ion Ratio Lower Upper

95 100

174 76.8 0.0 154.6

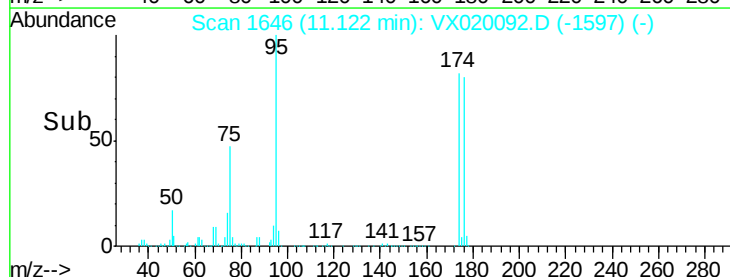
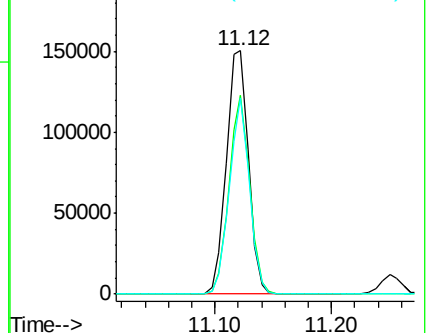
176 73.5 0.0 155.8

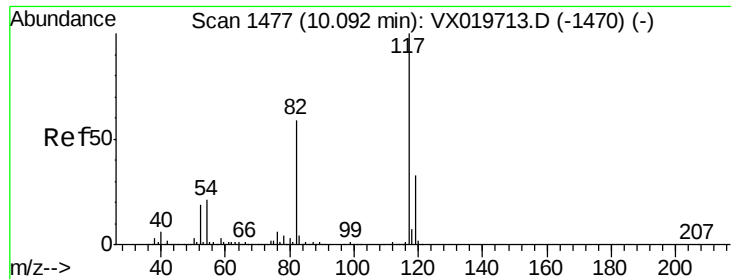


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

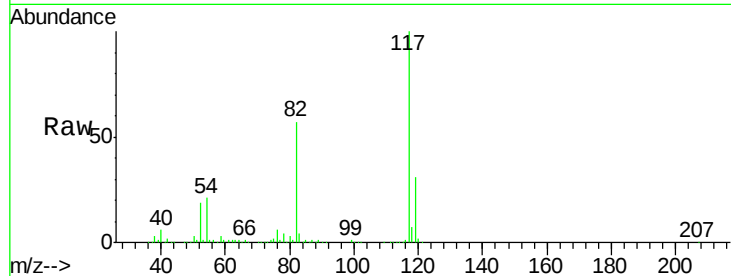




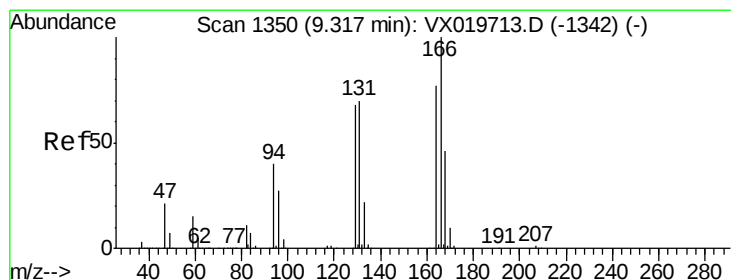
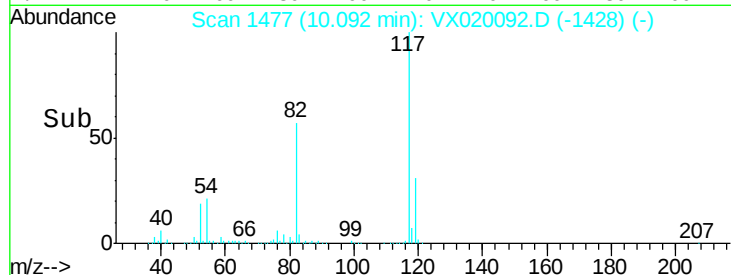
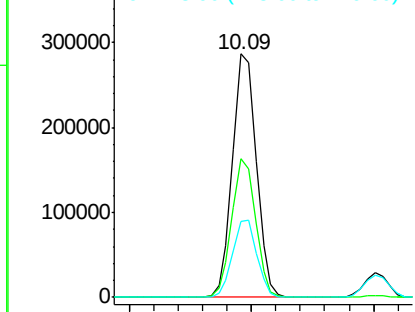
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tgt Ion:117 Resp: 387277
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 31.3 26.6 39.8

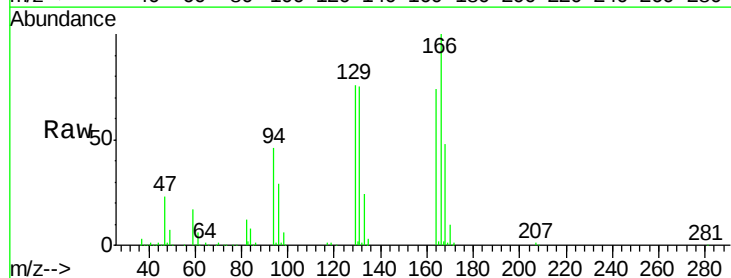


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

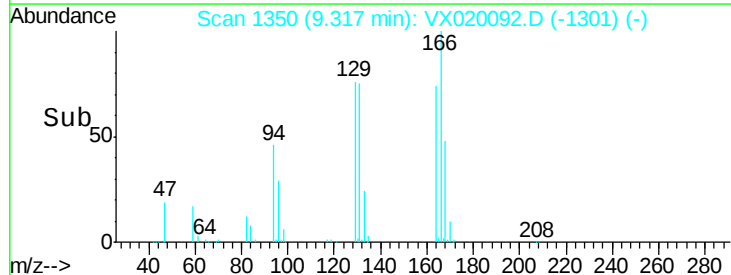
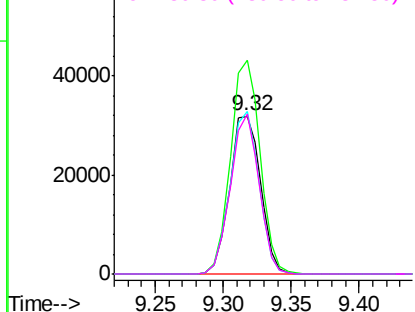


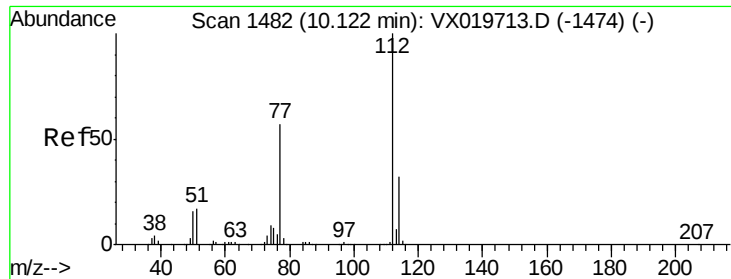
#64
Tetrachloroethene
Concen: 19.336 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Tgt Ion:164 Resp: 50218
Ion Ratio Lower Upper
164 100
166 135.5 103.4 155.2
129 103.2 70.8 106.2
131 101.9 72.5 108.7



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

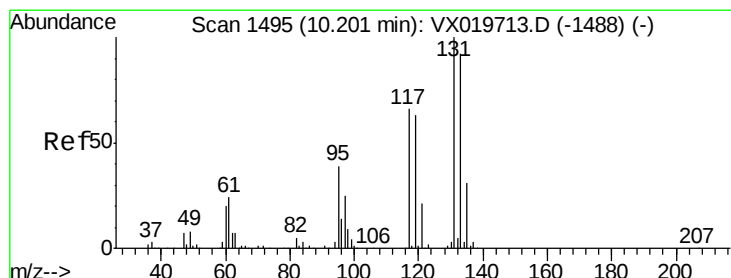
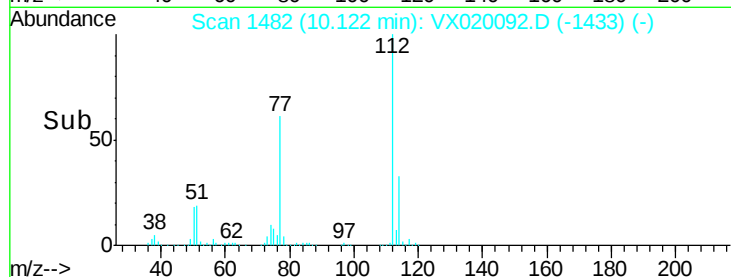
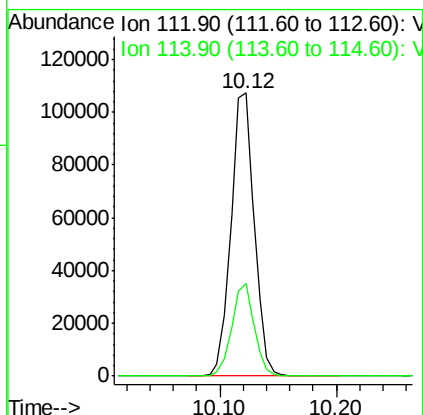
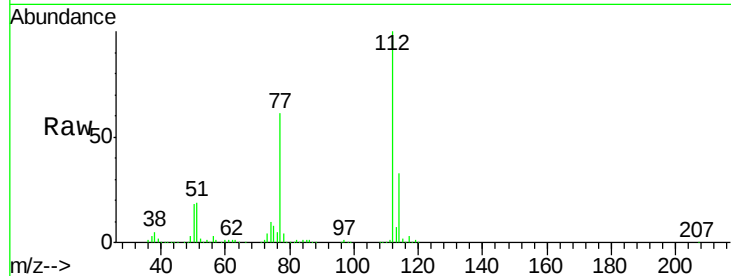




#65
Chlorobenzene
Concen: 19.387 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

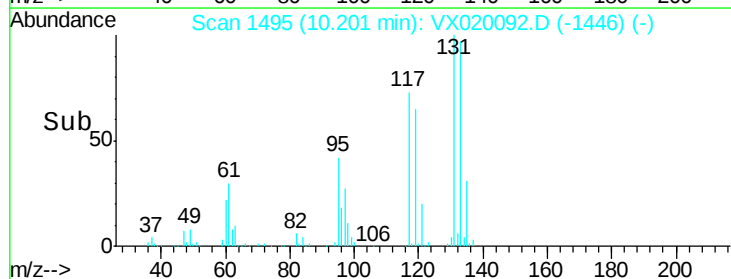
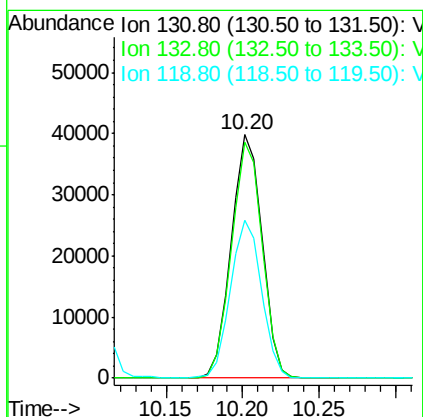
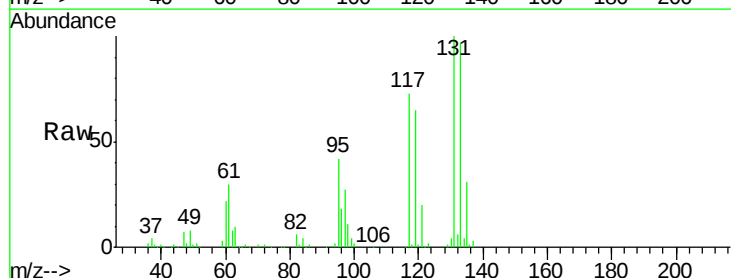
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

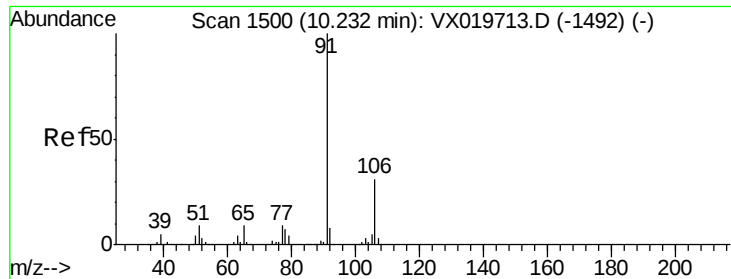
Tgt Ion:112 Resp: 149580
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.974 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Tgt Ion:131 Resp: 55469
Ion Ratio Lower Upper
131 100
133 96.7 47.7 143.1
119 65.6 32.1 96.5

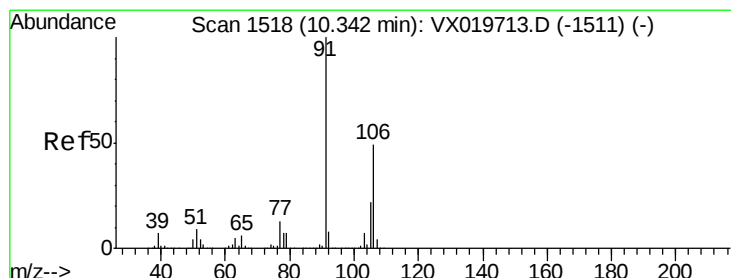
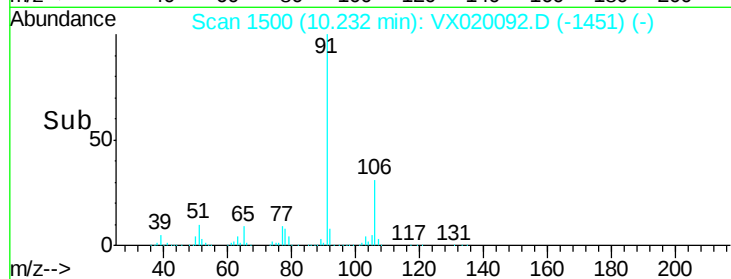
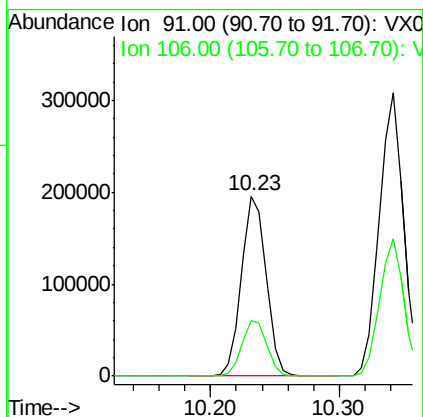
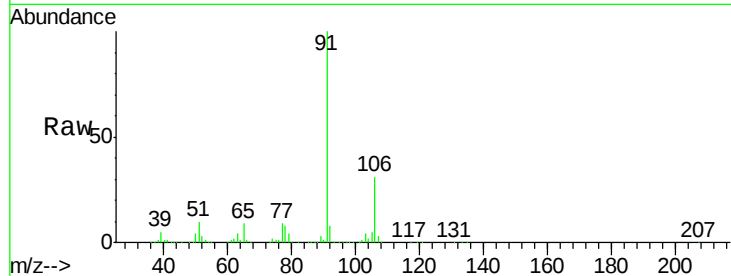




#67
 Ethyl Benzene
 Concen: 18.914 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

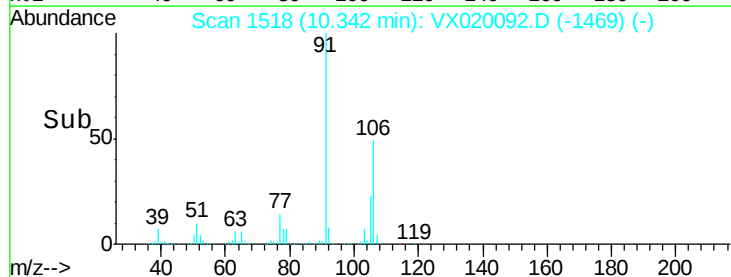
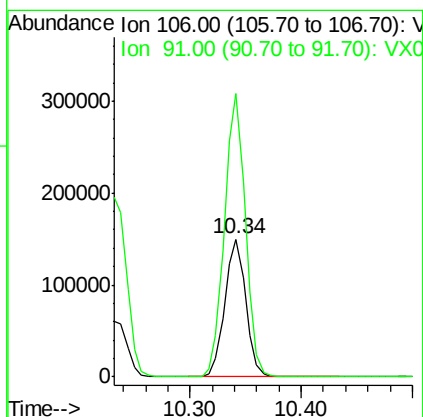
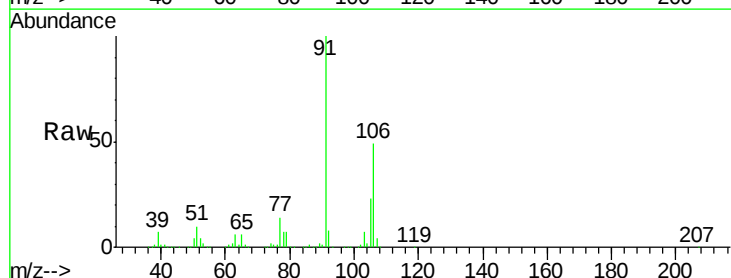
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

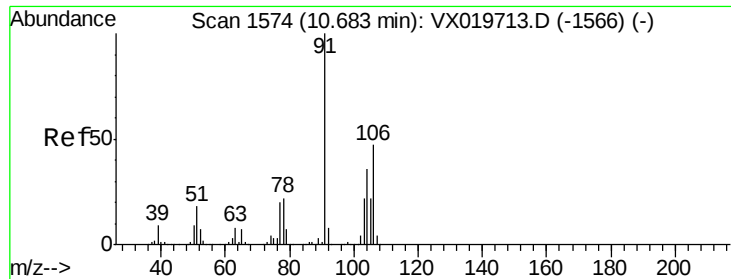
Tgt Ion: 91 Resp: 259041
 Ion Ratio Lower Upper
 91 100
 106 30.7 24.6 37.0



#68
 m/p-Xylenes
 Concen: 37.676 ug/l
 RT: 10.34 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Tgt Ion: 106 Resp: 194433
 Ion Ratio Lower Upper
 106 100
 91 206.1 162.8 244.2

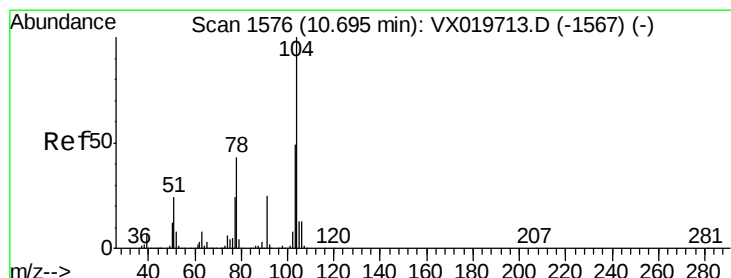
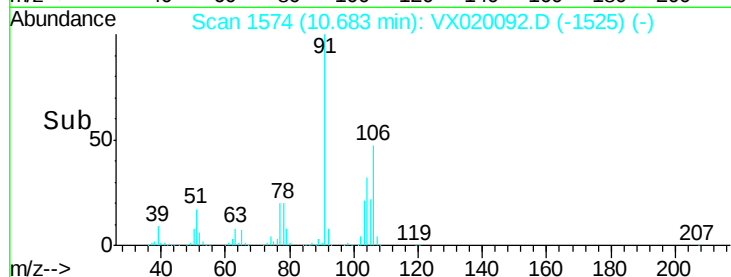
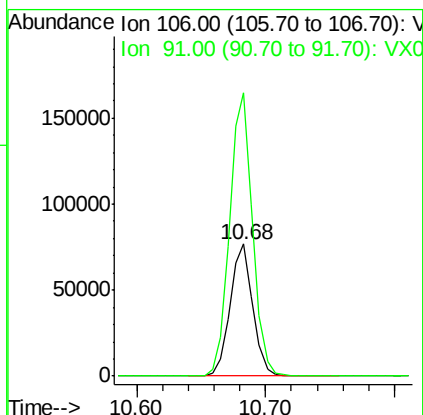
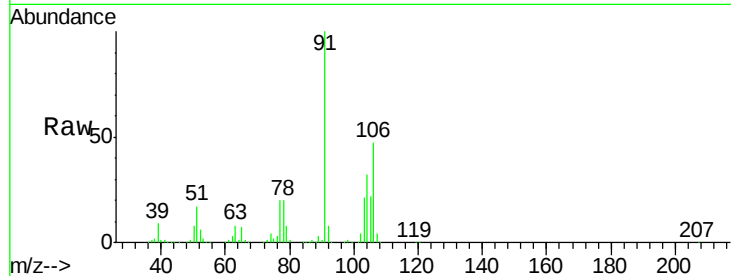




#69
o-Xylene
Concen: 19.068 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

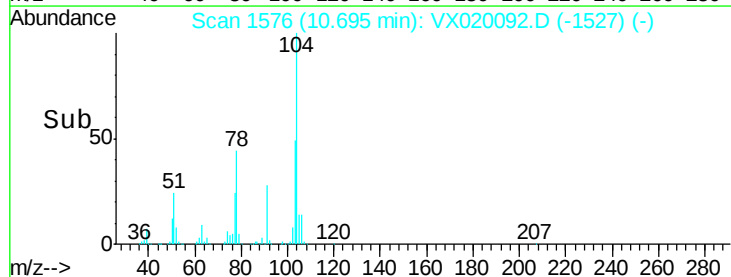
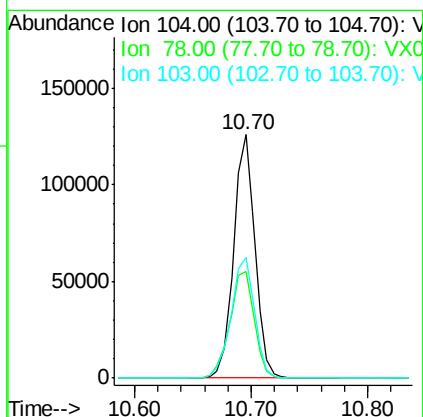
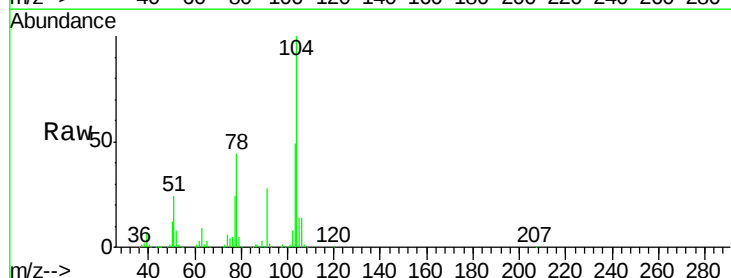
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

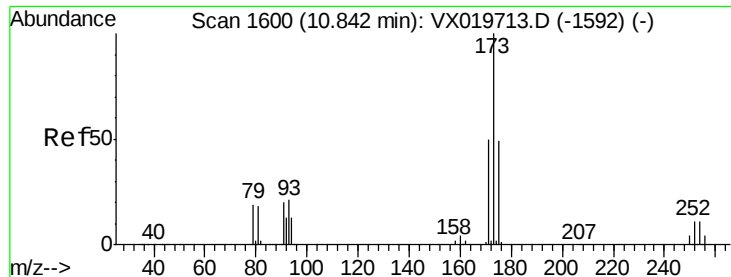
Tgt Ion:106 Resp: 94660
Ion Ratio Lower Upper
106 100
91 216.9 108.1 324.2



#70
Styrene
Concen: 19.210 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX020092.D
Acq: 17 Dec 2020 02:25

Tgt Ion:104 Resp: 160966
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 54.8 43.4 65.0





#71

Bromoform

Concen: 18.861 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

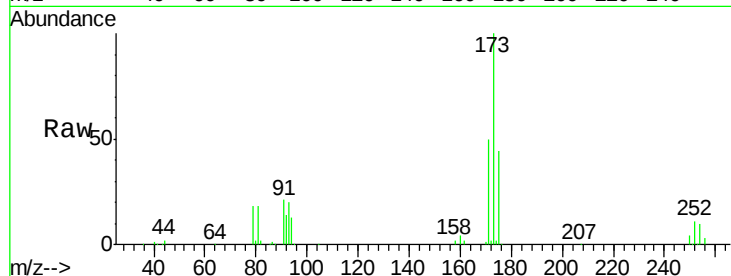
Tgt Ion:173 Resp: 41204

Ion Ratio Lower Upper

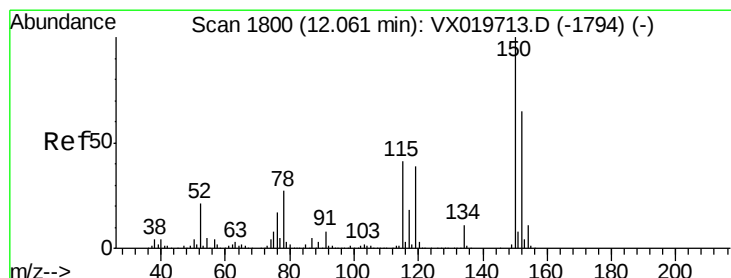
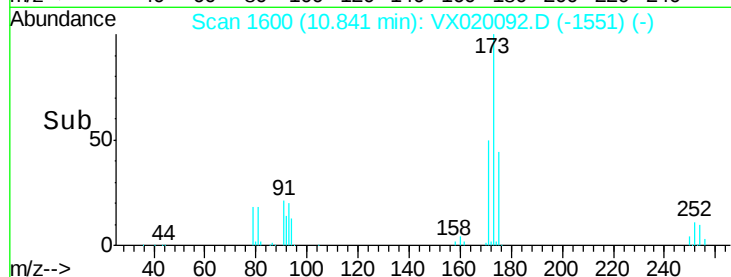
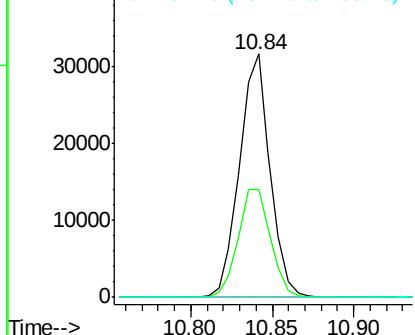
173 100

175 47.5 23.9 71.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

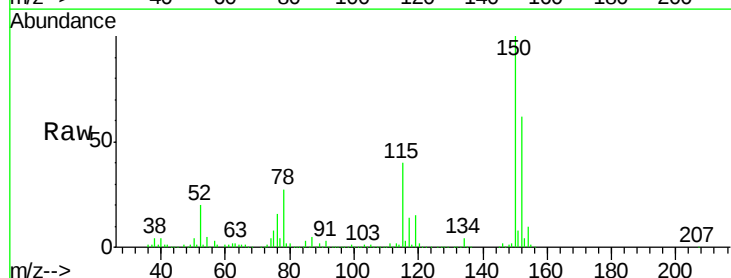
Tgt Ion:152 Resp: 183894

Ion Ratio Lower Upper

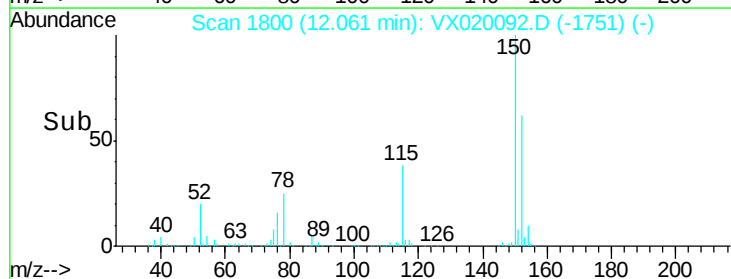
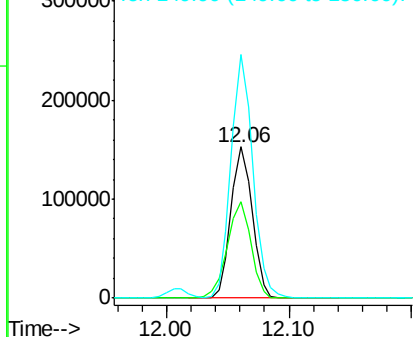
152 100

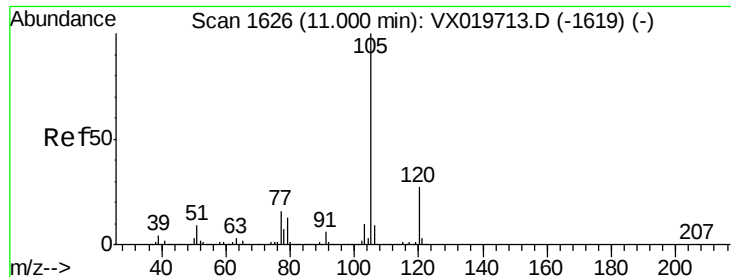
115 70.4 41.1 123.3

150 165.4 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: 20.324 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

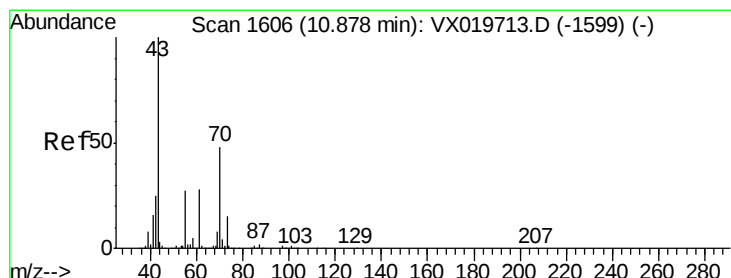
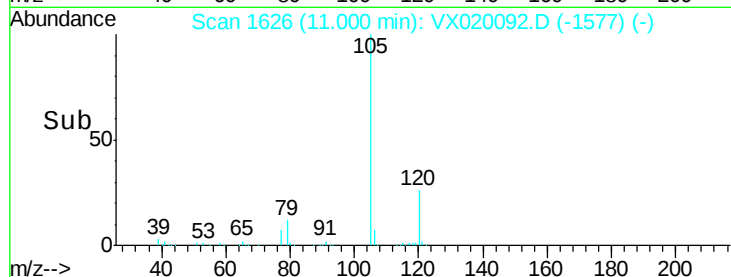
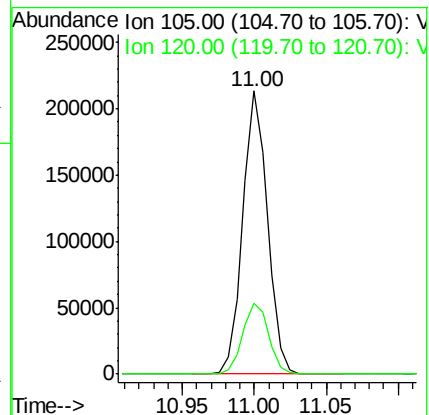
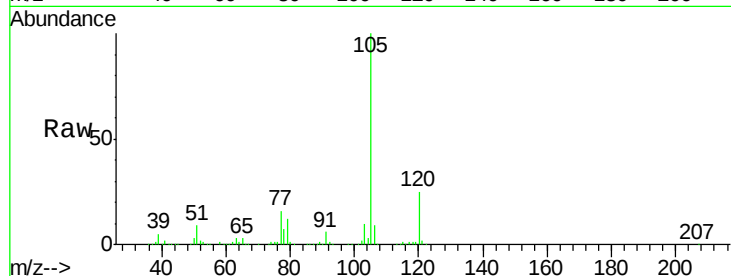
VX1217WBS02

Tgt Ion: 105 Resp: 255346

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 19.748 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Tgt Ion: 43 Resp: 99428

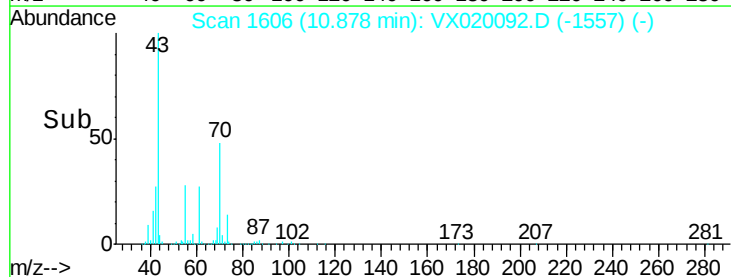
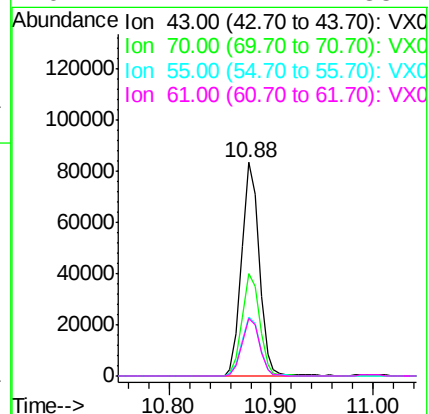
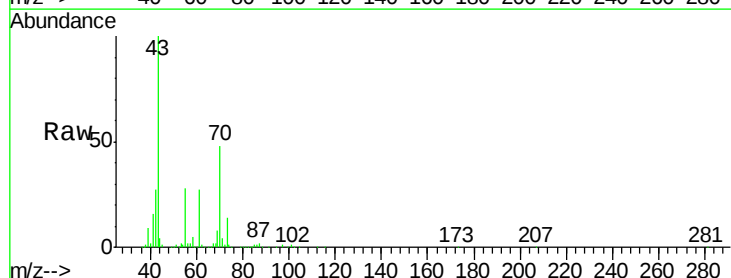
Ion Ratio Lower Upper

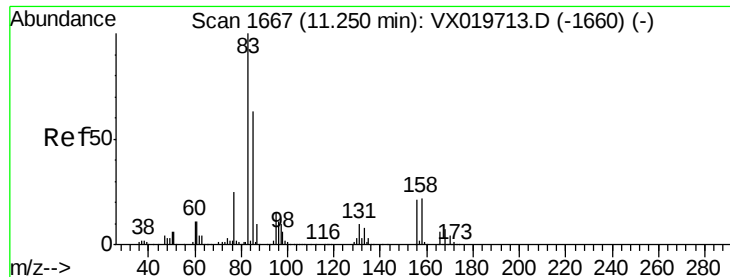
43 100

70 48.2 39.0 58.6

55 28.3 21.5 32.3

61 27.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.781 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

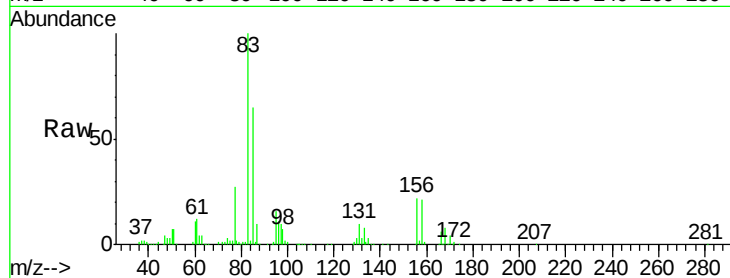
Tgt Ion: 83 Resp: 96476

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

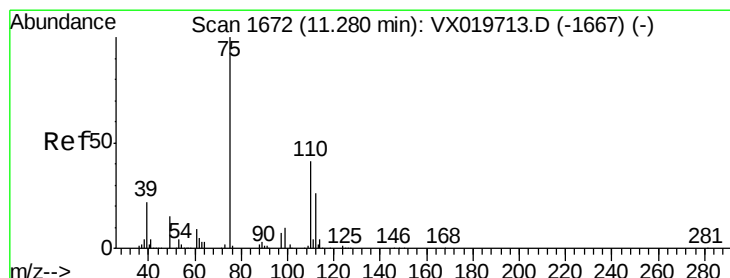
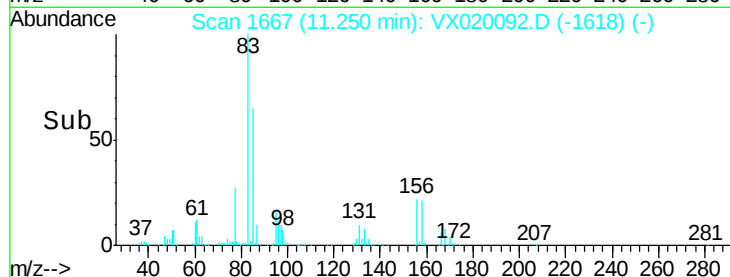
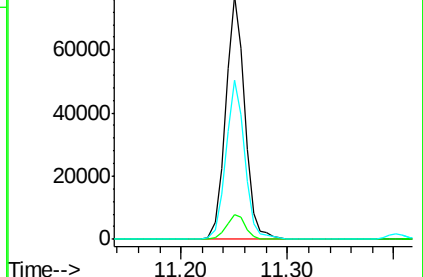
85 64.7 31.8 95.4



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: 25.144 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX020092.D

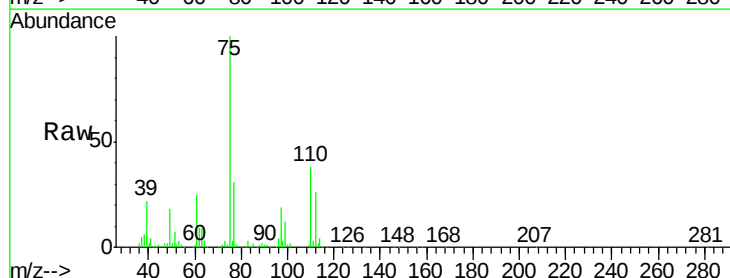
Acq: 17 Dec 2020 02:25

Tgt Ion: 75 Resp: 103704

Ion Ratio Lower Upper

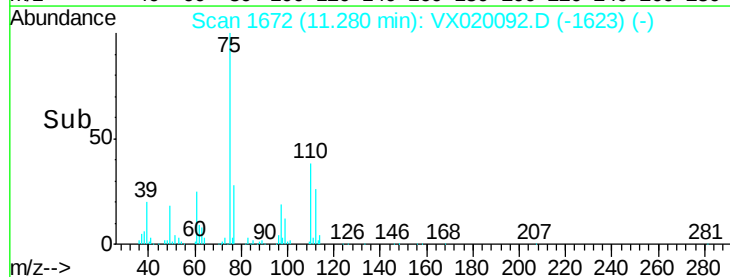
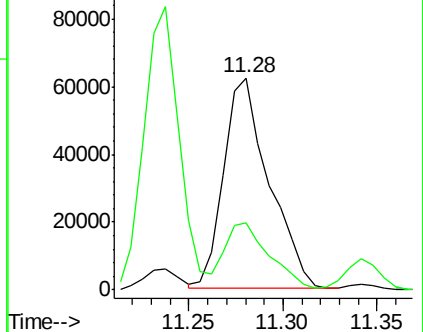
75 100

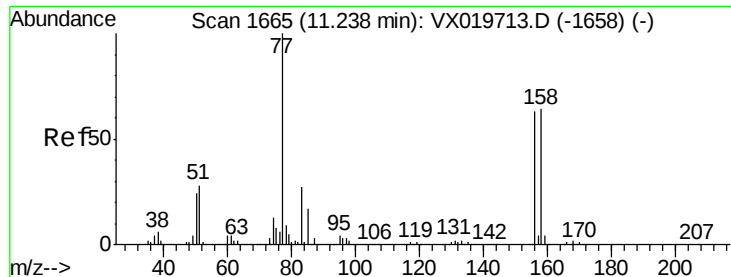
77 31.1 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.062 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

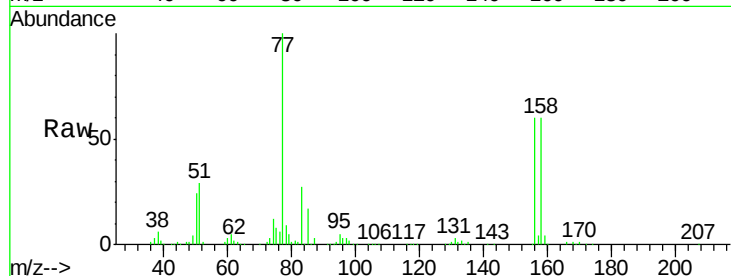
Tgt Ion:156 Resp: 64502

Ion Ratio Lower Upper

156 100

77 169.6 82.8 248.6

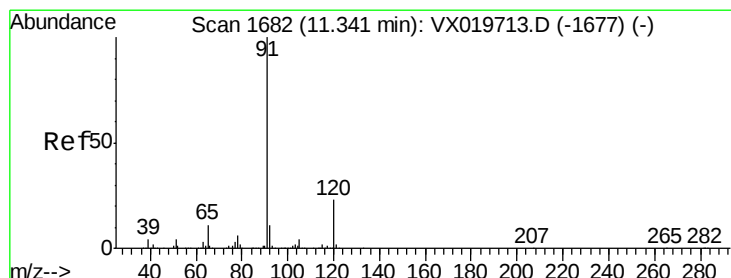
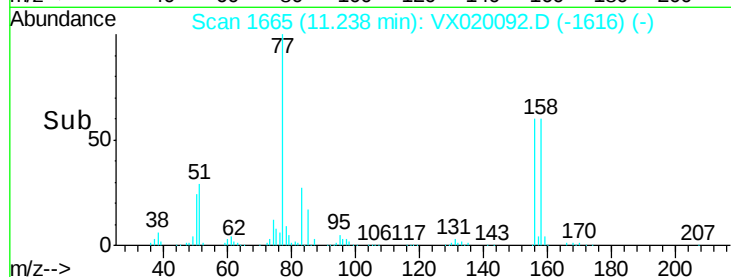
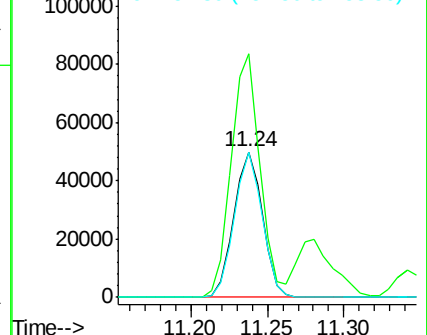
158 97.4 49.1 147.4



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: 20.221 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX020092.D

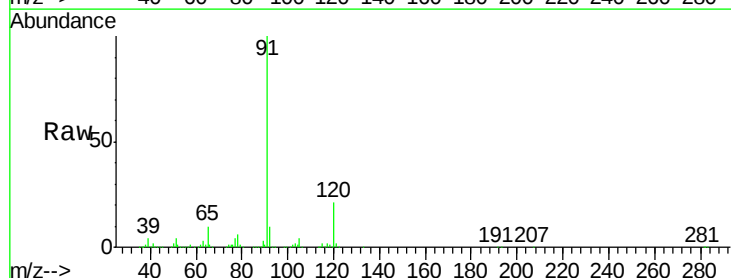
Acq: 17 Dec 2020 02:25

Tgt Ion: 91 Resp: 290162

Ion Ratio Lower Upper

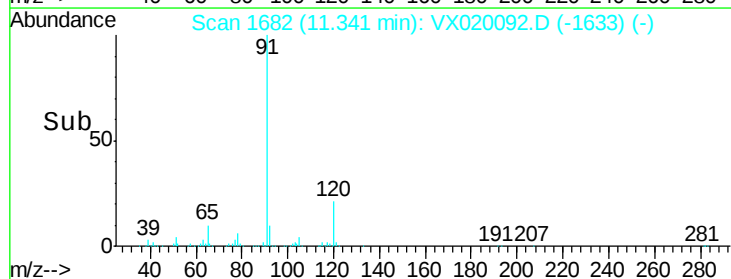
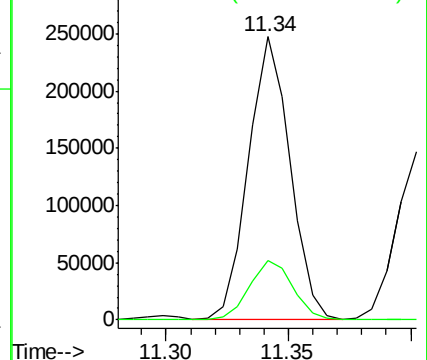
91 100

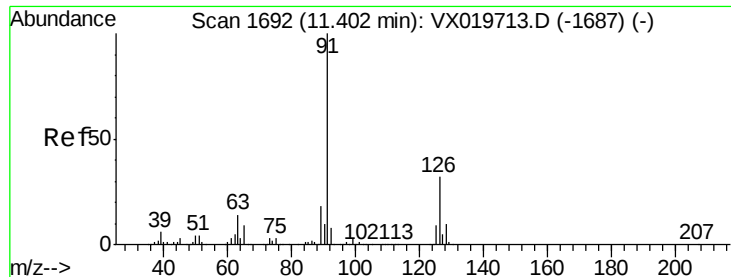
120 22.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

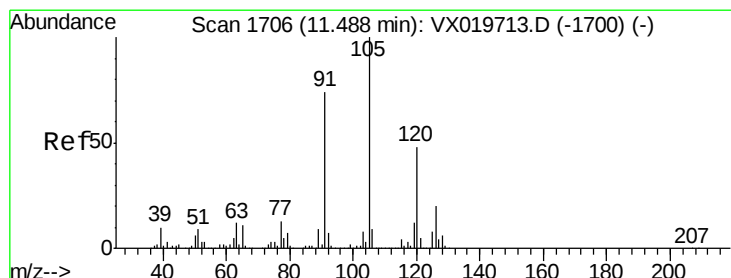
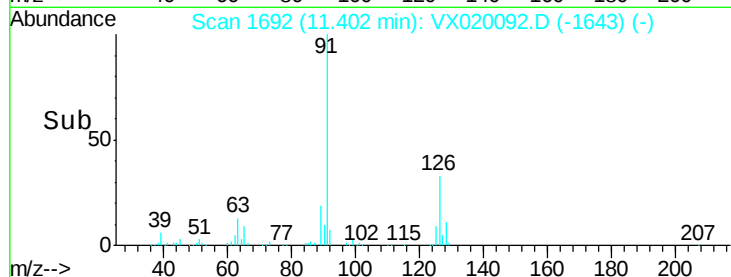
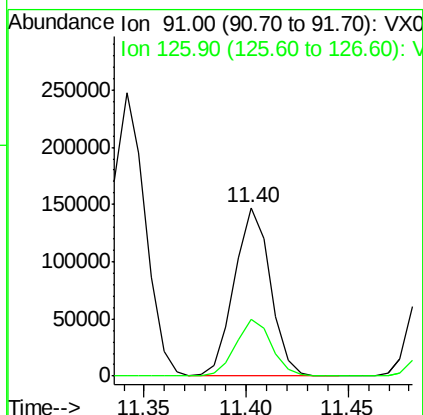
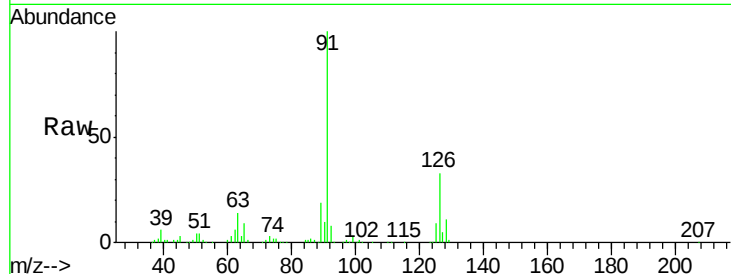




#79
 2-Chlorotoluene
 Concen: 20.283 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

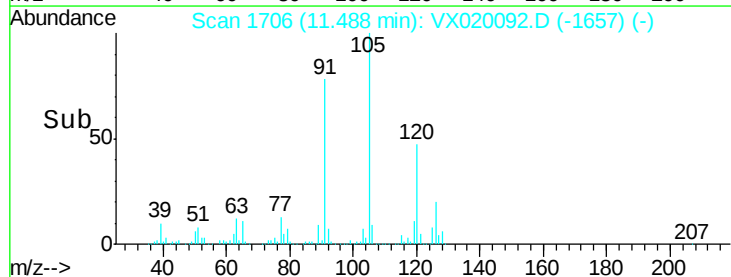
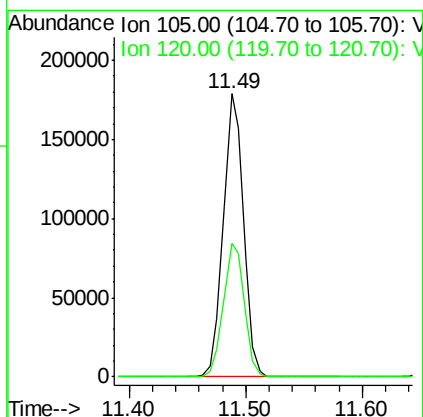
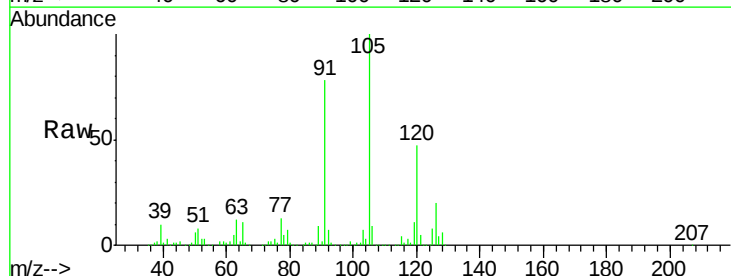
Instrument :
 MSVOA_X
 ClientSampled :
 VX1217WBS02

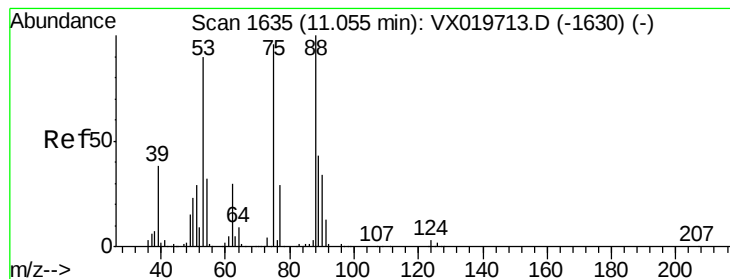
Tgt Ion: 91 Resp: 179235
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.204 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Tgt Ion: 105 Resp: 214233
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.358 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

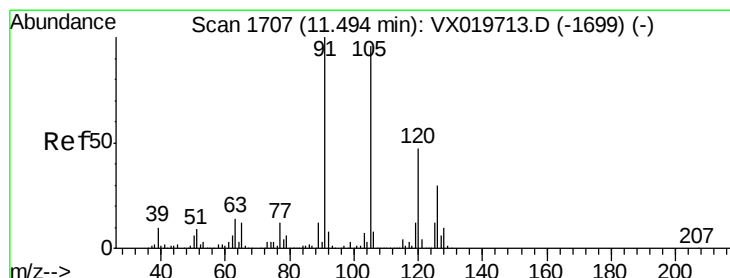
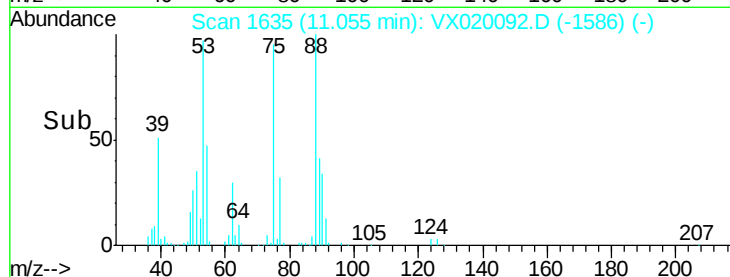
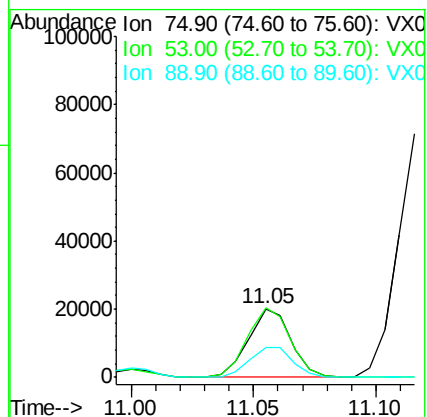
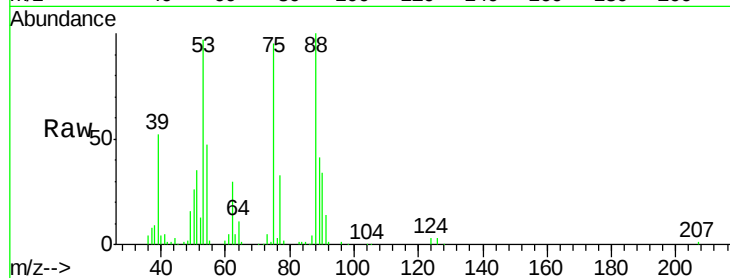
Tgt Ion: 75 Resp: 24765

Ion Ratio Lower Upper

75 100

53 101.7 74.5 111.7

89 45.1 37.9 56.9



#82

4-Chlorotoluene

Concen: 20.177 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX020092.D

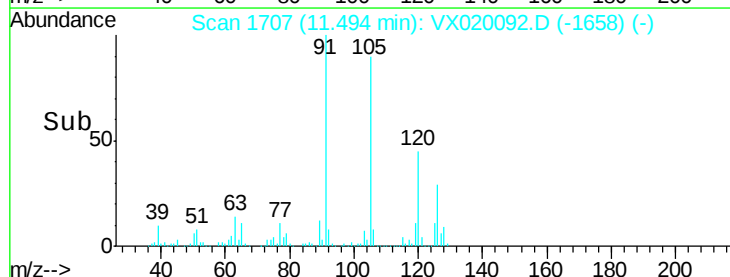
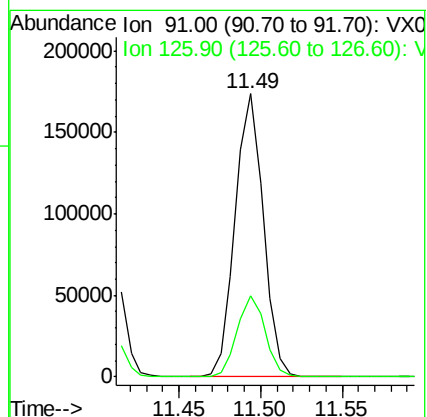
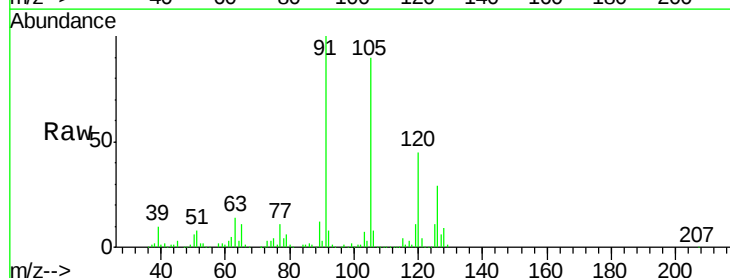
Acq: 17 Dec 2020 02:25

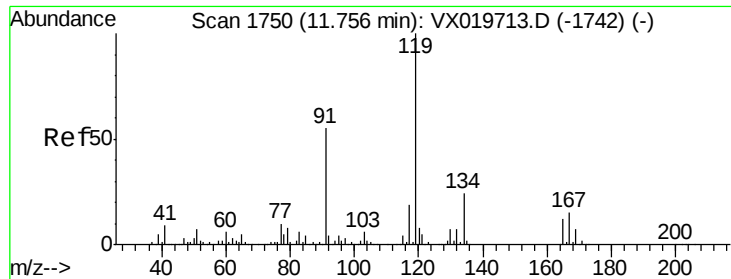
Tgt Ion: 91 Resp: 208814

Ion Ratio Lower Upper

91 100

126 28.7 14.9 44.5

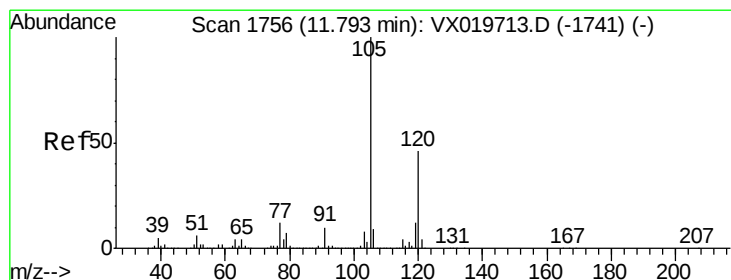
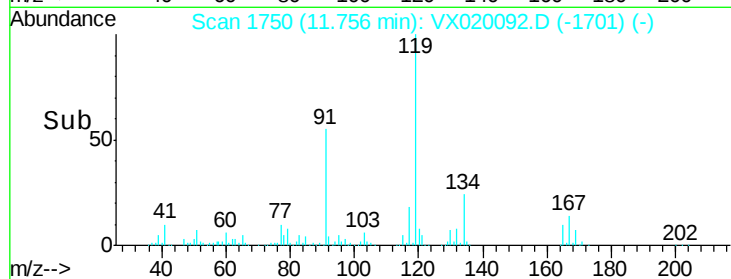
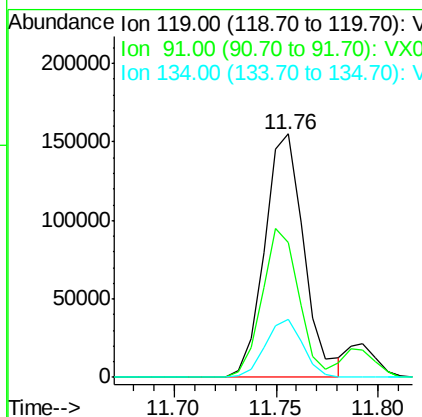
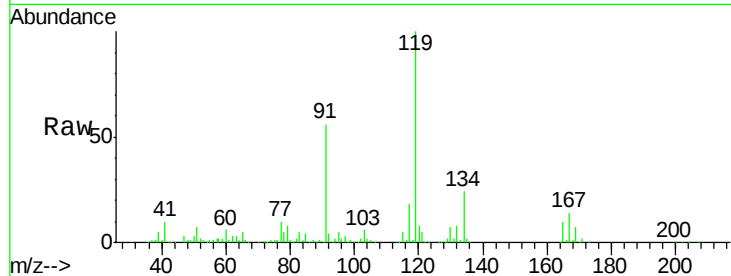




#83
 tert-Butylbenzene
 Concen: 20.069 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

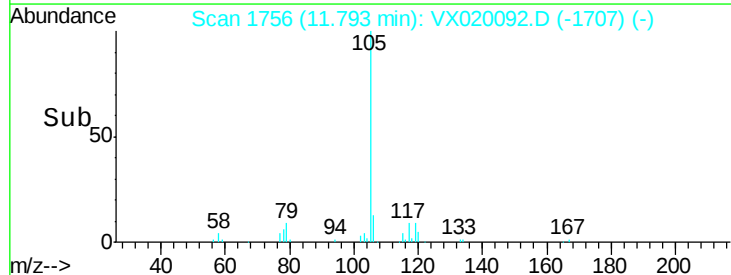
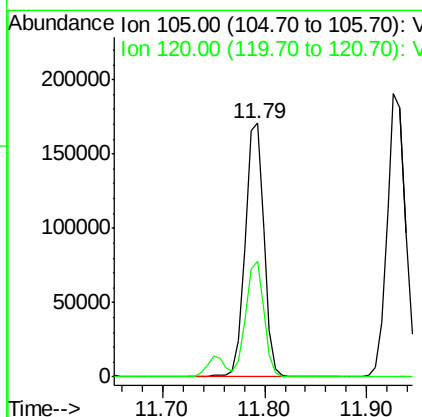
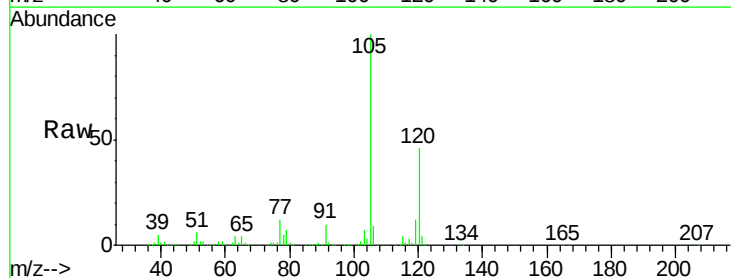
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

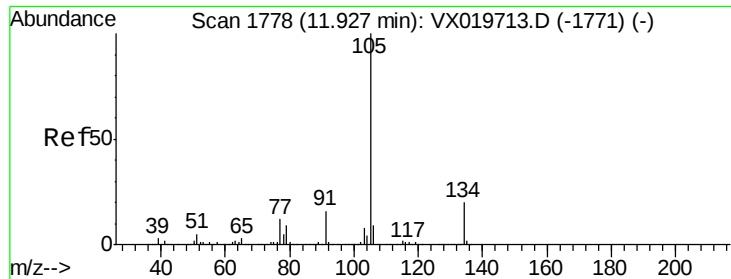
Tgt Ion:119 Resp: 208703
 Ion Ratio Lower Upper
 119 100
 91 57.2 27.9 83.7
 134 22.8 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.288 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Tgt Ion:105 Resp: 216689
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.3

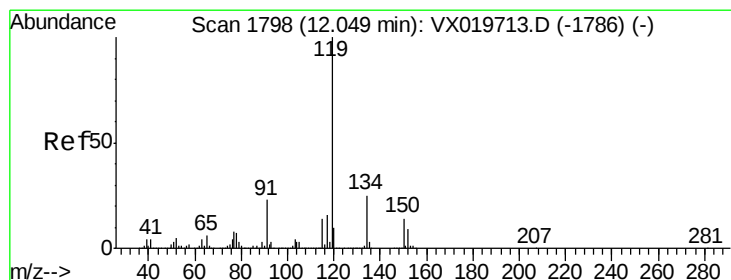
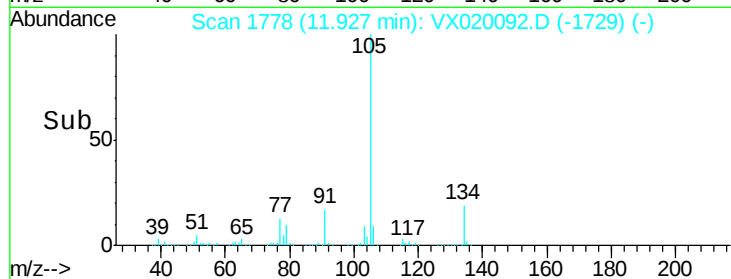
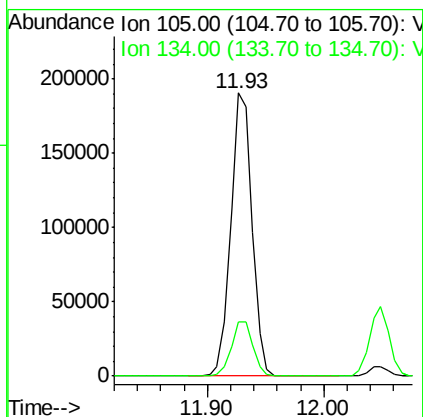
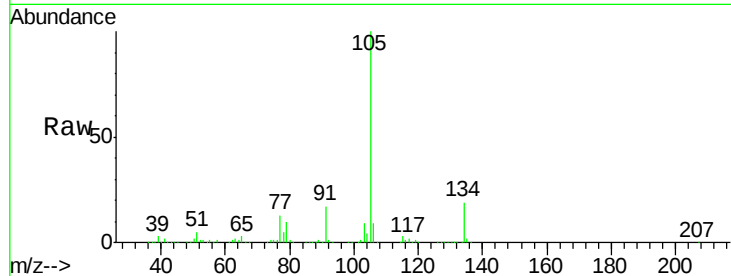




#85
 sec-Butylbenzene
 Concen: 20.378 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

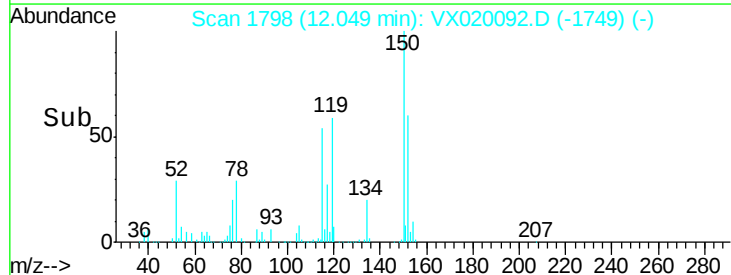
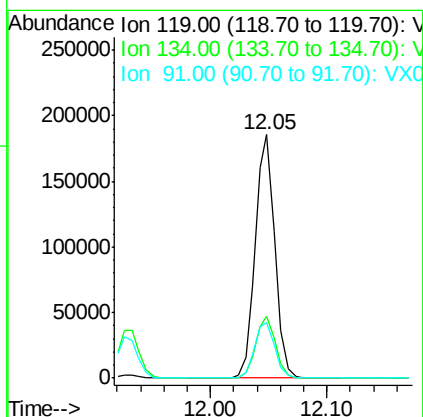
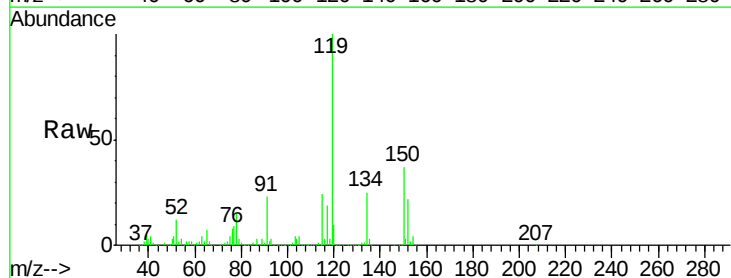
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

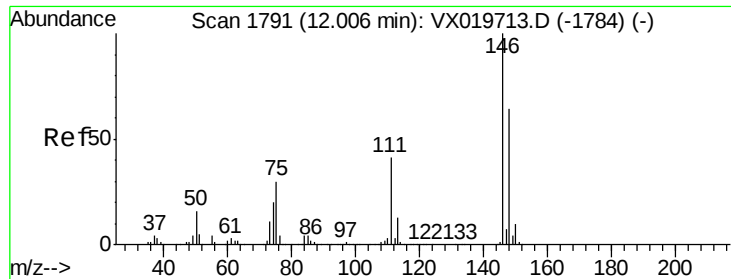
Tgt Ion:105 Resp: 241952
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 19.900 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Tgt Ion:119 Resp: 216533
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 23.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.420 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

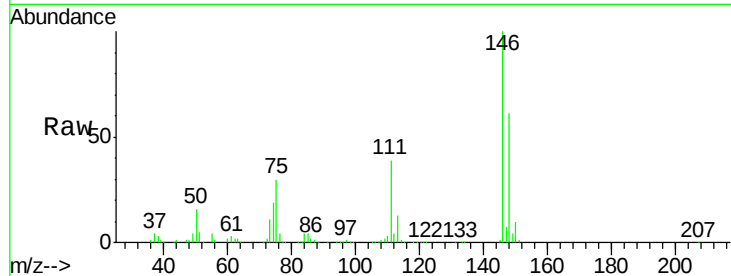
Tgt Ion:146 Resp: 114598

Ion Ratio Lower Upper

146 100

111 40.8 20.2 60.5

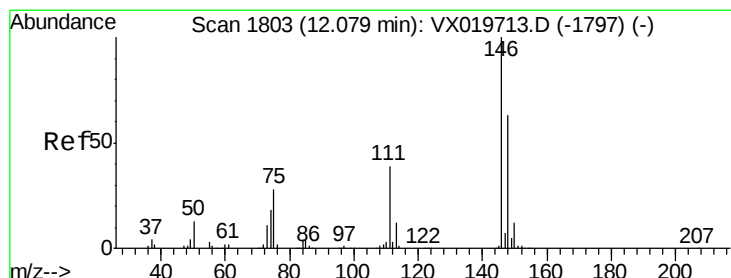
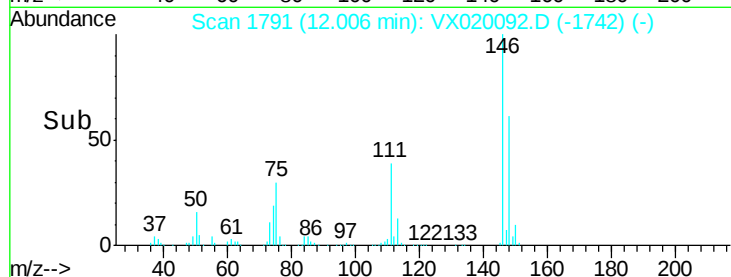
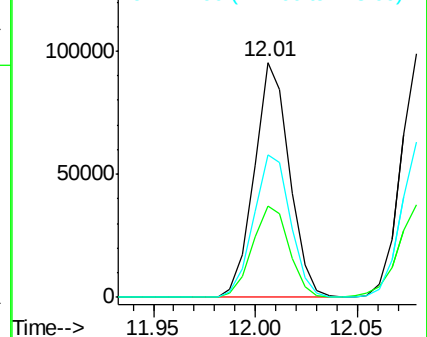
148 63.9 31.9 95.7



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: 19.584 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

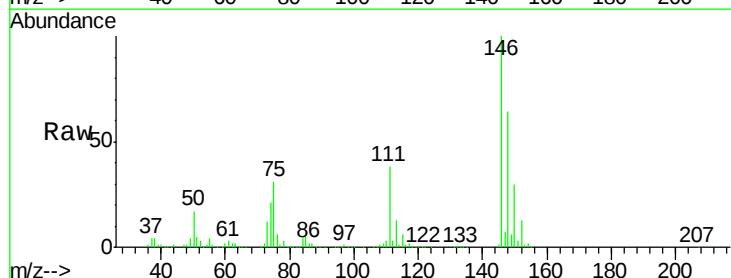
Tgt Ion:146 Resp: 117708

Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.8

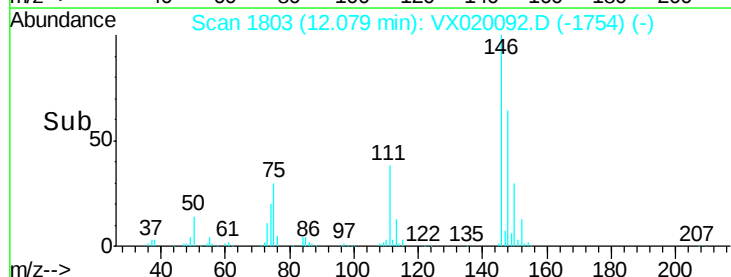
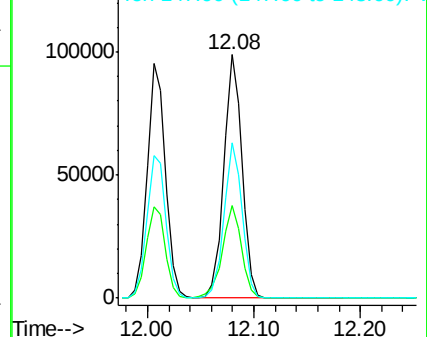
148 63.7 31.6 95.0

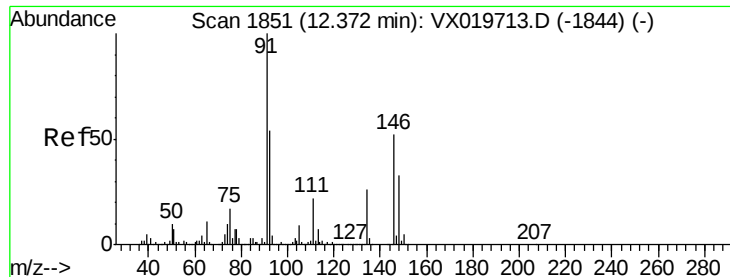


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.501 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

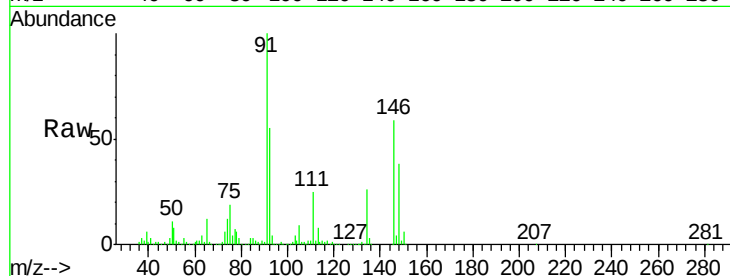
Tgt Ion: 91 Resp: 178356

Ion Ratio Lower Upper

91 100

92 54.0 27.4 82.0

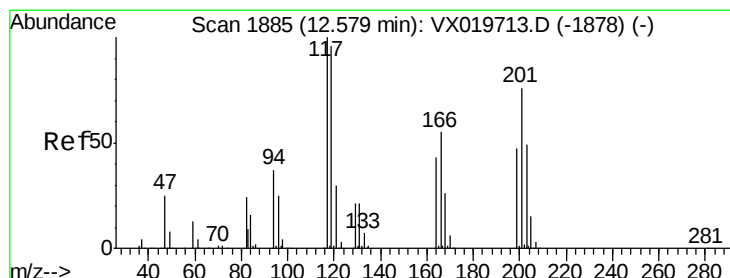
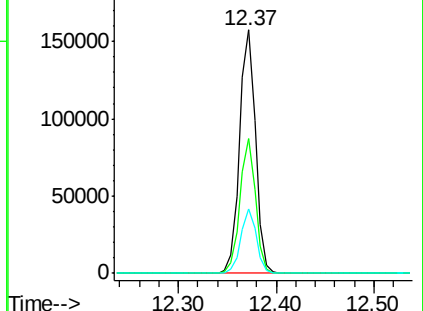
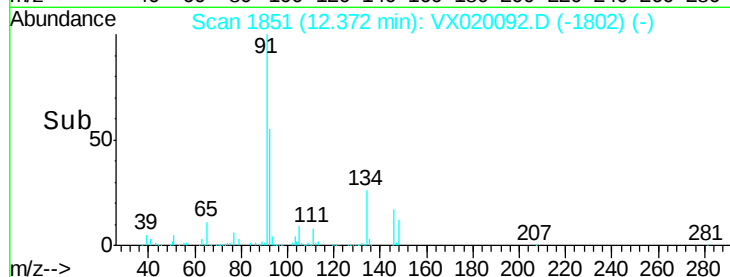
134 25.6 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.010 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX020092.D

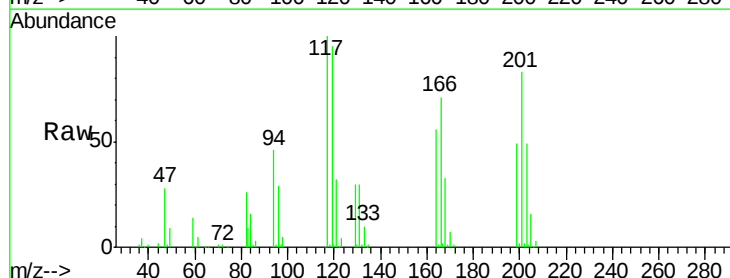
Acq: 17 Dec 2020 02:25

Tgt Ion: 117 Resp: 35712

Ion Ratio Lower Upper

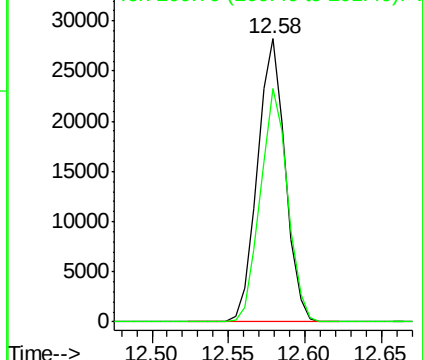
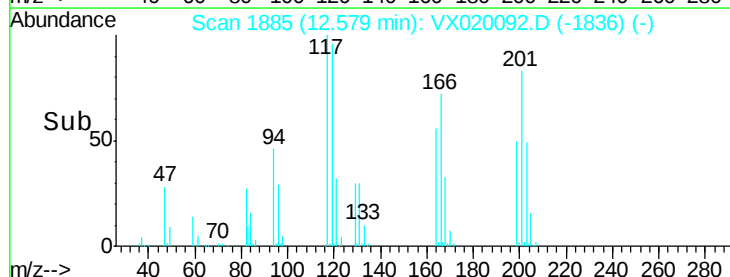
117 100

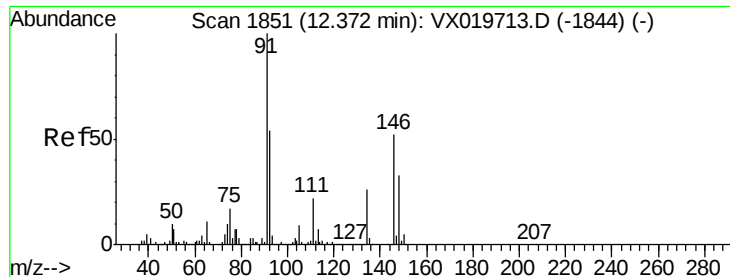
201 81.4 40.4 121.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.463 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

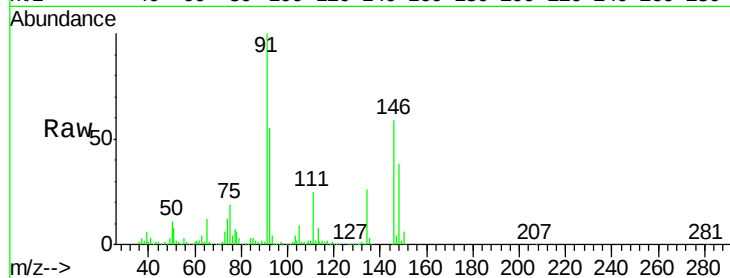
Tgt Ion:146 Resp: 117713

Ion Ratio Lower Upper

146 100

111 41.1 20.8 62.2

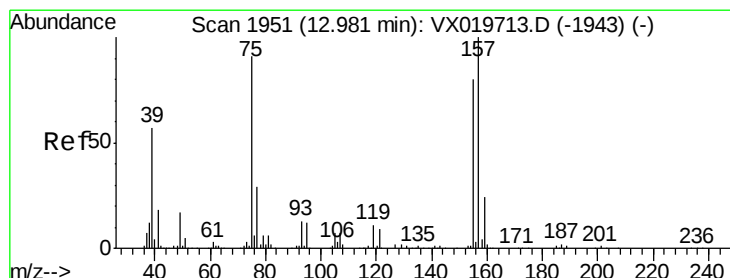
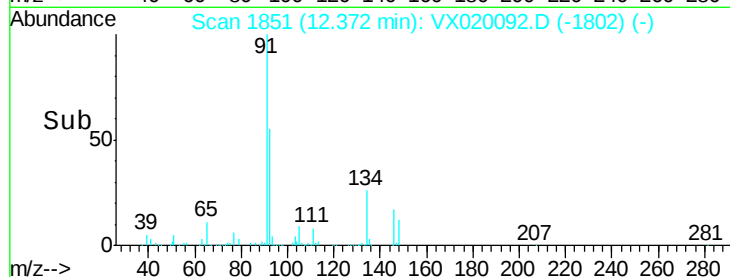
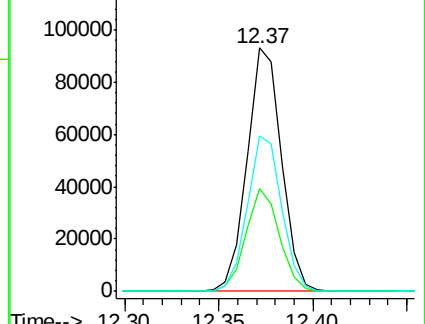
148 64.0 31.9 95.5



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: 20.678 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

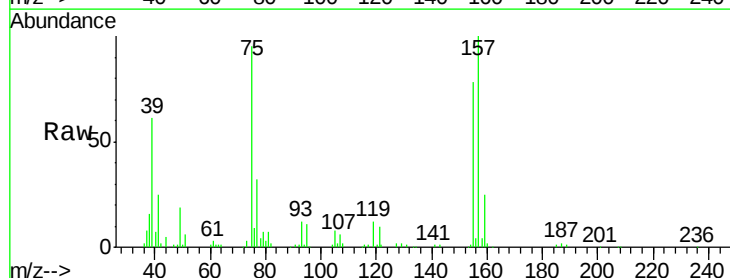
Tgt Ion: 75 Resp: 19690

Ion Ratio Lower Upper

75 100

155 82.4 45.3 135.9

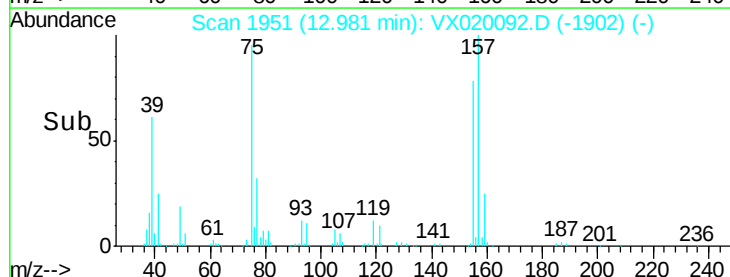
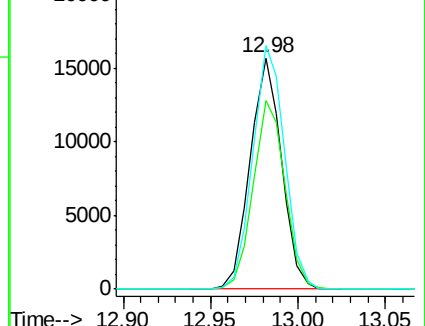
157 106.9 57.7 173.1

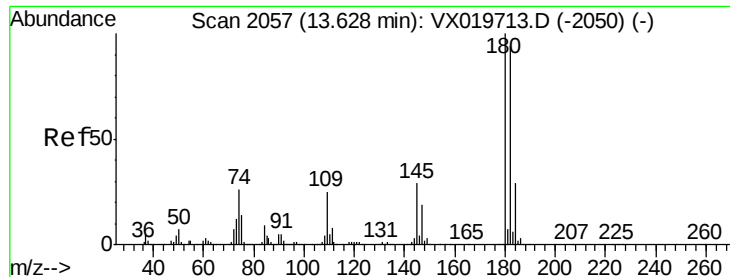


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

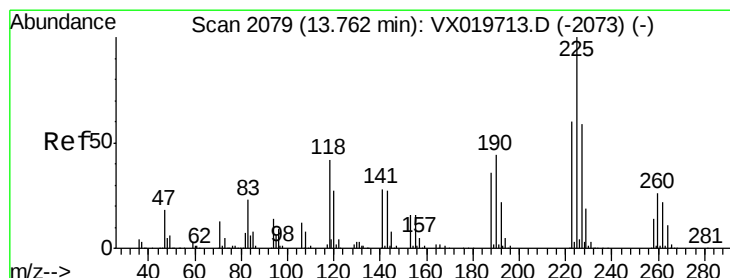
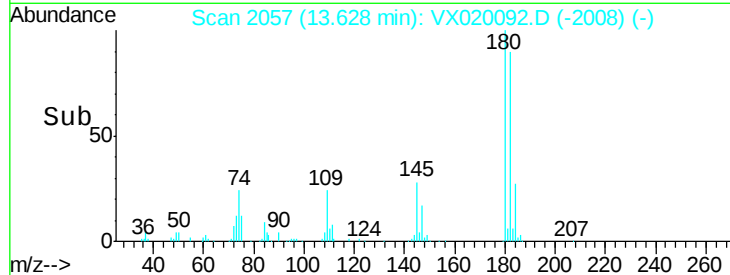
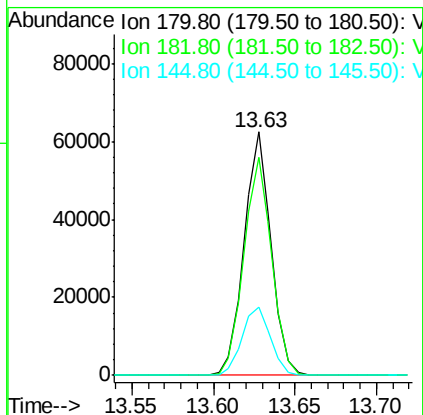
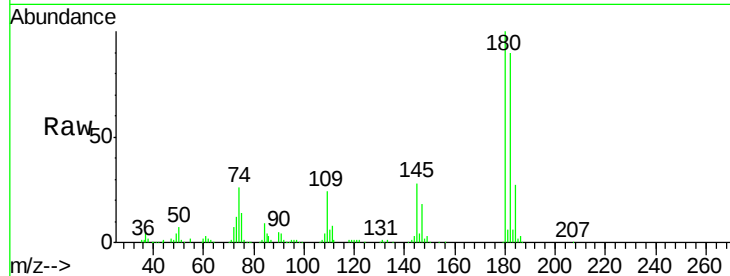




#93
 1,2,4-Trichlorobenzene
 Concen: 19.149 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

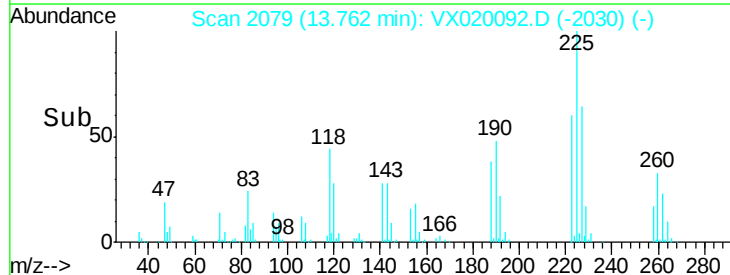
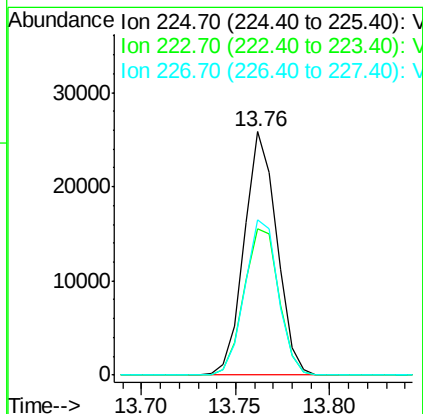
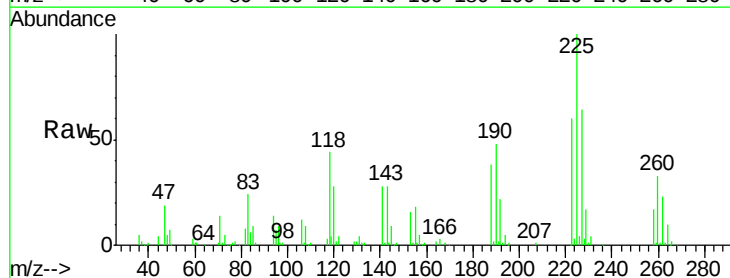
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

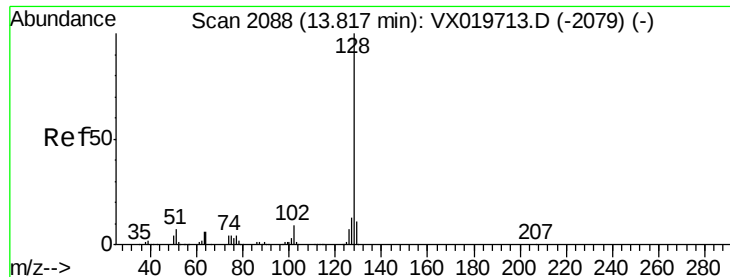
Tgt Ion:180 Resp: 71706
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.7 143.1
 145 30.0 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 18.525 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX020092.D
 Acq: 17 Dec 2020 02:25

Tgt Ion:225 Resp: 31005
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.1 93.2
 227 65.5 31.6 95.0





#95

Naphthalene

Concen: 20.016 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

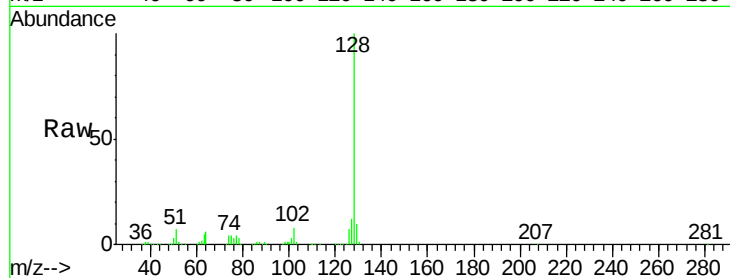
Tgt Ion:128 Resp: 242987

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

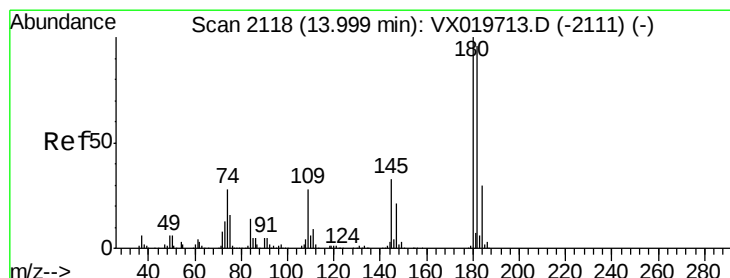
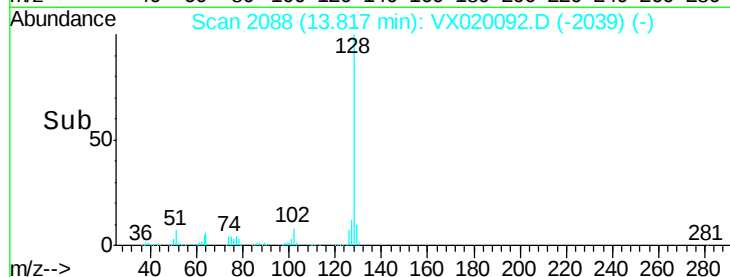
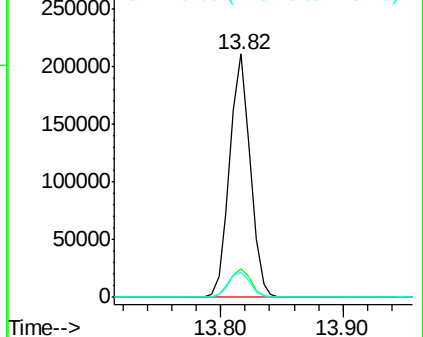
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.116 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX020092.D

Acq: 17 Dec 2020 02:25

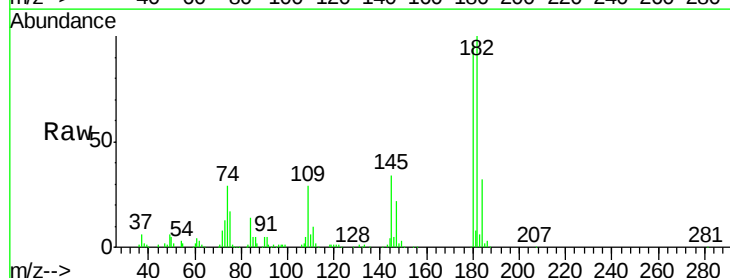
Tgt Ion:180 Resp: 69956

Ion Ratio Lower Upper

180 100

182 98.5 47.6 142.9

145 34.1 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

