

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
 Data File : VX018986.D
 Acq On : 20 Oct 2020 20:22
 Operator : JC/SP
 Sample : VX1020WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

Quant Time: Oct 21 03:26:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 19:16:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	156429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	292373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	275921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	141096	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	107624	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
35) Dibromofluoromethane	5.46	113	87071	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
50) Toluene-d8	8.70	98	350276	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	
62) 4-Bromofluorobenzene	11.12	95	132737	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	26319	20.251	ug/l	97
3) Chloromethane	1.31	50	29818	19.760	ug/l	96
4) Vinyl Chloride	1.39	62	41476	20.268	ug/l	98
5) Bromomethane	1.63	94	43464	26.810	ug/l	98
6) Chloroethane	1.71	64	30621	20.035	ug/l	99
7) Trichlorofluoromethane	1.92	101	71193	20.059	ug/l	97
8) Diethyl Ether	2.17	74	28815	20.216	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	27353	15.105	ug/l	99
10) Methyl Iodide	2.49	142	27643	16.182	ug/l	100
11) Tert butyl alcohol	3.01	59	45781	97.077	ug/l	99
12) 1,1-Dichloroethene	2.36	96	28476	14.080	ug/l	83
13) Acrolein	2.27	56	23472	86.470	ug/l	98
14) Allyl chloride	2.71	41	40085	19.582	ug/l	99
15) Acrylonitrile	3.11	53	80397	98.215	ug/l	100
16) Acetone	2.42	43	67407	94.146	ug/l	99
17) Carbon Disulfide	2.55	76	83471	18.889	ug/l	98
18) Methyl Acetate	2.75	43	36978	21.314	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	97240	18.931	ug/l	99
20) Methylene Chloride	2.83	84	34516	18.656	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	34467	18.650	ug/l	98
22) Diisopropyl ether	3.82	45	81140	19.279	ug/l	97
23) Vinyl Acetate	3.78	43	385500	97.116	ug/l	99
24) 1,1-Dichloroethane	3.67	63	58668	19.523	ug/l	100
25) 2-Butanone	4.64	43	114478	98.978	ug/l	97
26) 2,2-Dichloropropane	4.55	77	50326	17.461	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	40405	18.708	ug/l	99
28) Bromochloromethane	4.98	49	24508	18.912	ug/l	99
29) Tetrahydrofuran	5.09	42	64945	95.259	ug/l	99
30) Chloroform	5.17	83	63483	18.946	ug/l	98
31) Cyclohexane	5.54	56	44435	18.485	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	56739	18.837	ug/l	98
36) 1,1-Dichloropropene	5.77	75	47899	17.530	ug/l	98
37) Ethyl Acetate	4.79	43	43822	18.552	ug/l	100
38) Carbon Tetrachloride	5.76	117	47785	17.378	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	51271	17.368	ug/l	97
40) Benzene	6.11	78	144225	18.146	ug/l	97
41) Methacrylonitrile	5.00	41	23077	18.275	ug/l	99
42) 1,2-Dichloroethane	6.16	62	51555	18.912	ug/l	100
43) Isopropyl Acetate	6.41	43	72772	18.283	ug/l	100
44) Trichloroethene	7.18	130	38585	17.532	ug/l	98
45) 1,2-Dichloropropane	7.49	63	35198	18.192	ug/l	95
46) Dibromomethane	7.63	93	25954	17.873	ug/l	99
47) Bromodichloromethane	7.87	83	51354	17.825	ug/l	96
48) Methyl methacrylate	7.74	41	35511	18.070	ug/l	97
49) 1,4-Dioxane	7.71	88	18754	359.999	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	228285	92.886	ug/l	99
52) Toluene	8.76	92	95364	17.936	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	57901	17.591	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	61254	17.907	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	37765	17.462	ug/l	93
56) Ethyl methacrylate	9.16	69	57545	18.050	ug/l	96
57) 1,3-Dichloropropane	9.35	76	63580	18.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	152419	92.809	ug/l	100
59) 2-Hexanone	9.47	43	177608	93.059	ug/l	98
60) Dibromochloromethane	9.57	129	41058	17.191	ug/l	99
61) 1,2-Dibromoethane	9.65	107	41246	17.778	ug/l	97
64) Tetrachloroethene	9.32	164	33347	17.152	ug/l	96
65) Chlorobenzene	10.12	112	102674	17.653	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	36133	17.431	ug/l	98
67) Ethyl Benzene	10.24	91	183841	18.240	ug/l	98
68) m/p-Xylenes	10.34	106	142453	35.854	ug/l	100
69) o-Xylene	10.68	106	67162	17.649	ug/l	100
70) Styrene	10.70	104	114625	17.560	ug/l	98
71) Bromoform	10.84	173	28501	16.448	ug/l #	99
73) Isopropylbenzene	11.00	105	180683	18.985	ug/l	99
74) N-amyl acetate	10.88	43	61711	18.976	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	61751	19.271	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	70174	24.198	ug/l	87
77) Bromobenzene	11.24	156	42244	17.854	ug/l	95
78) n-propylbenzene	11.34	91	207797	18.992	ug/l	98
79) 2-Chlorotoluene	11.40	91	124130	19.240	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	156068	19.055	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	19855	18.060	ug/l	93
82) 4-Chlorotoluene	11.49	91	149610	18.906	ug/l	96
83) tert-Butylbenzene	11.76	119	149304	18.719	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	157976	19.131	ug/l	97
85) sec-Butylbenzene	11.93	105	181700	19.055	ug/l	96
86) p-Isopropyltoluene	12.05	119	166145	18.526	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	82898	17.993	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	85546	17.975	ug/l	97
89) n-Butylbenzene	12.37	91	155404	18.551	ug/l	98
90) Hexachloroethane	12.58	117	24959	17.751	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	80158	17.918	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15239	19.358	ug/l	85

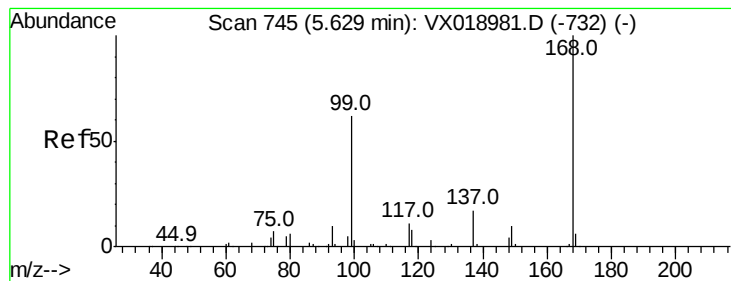
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
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Quant Title : SW846 8260
QLast Update : Tue Oct 20 19:16:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	54996	17.549	ug/l	99
94) Hexachlorobutadiene	13.76	225	22168	17.421	ug/l	98
95) Naphthalene	13.82	128	195633	18.708	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	53640	18.126	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

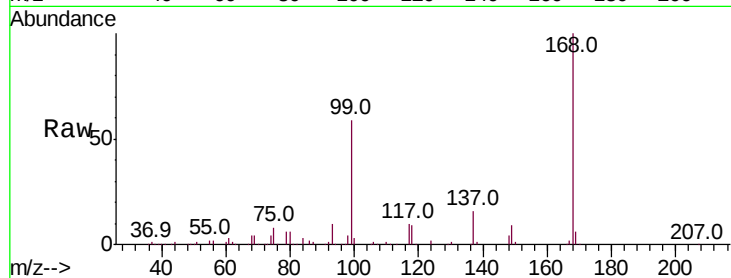
VX1020WBS01

Tot Ion:168 Resp: 156429

Ion Ratio Lower Upper

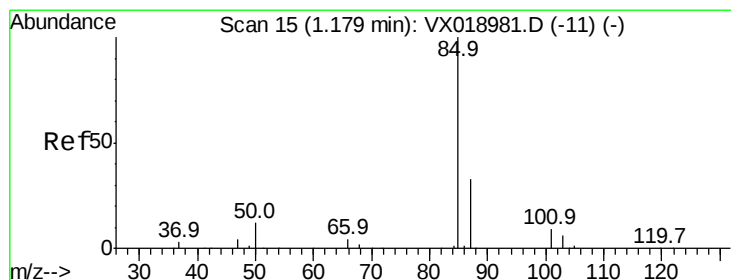
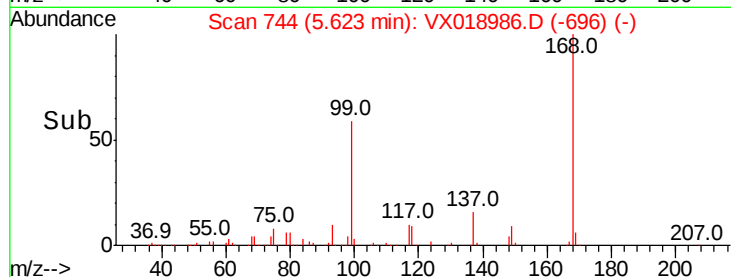
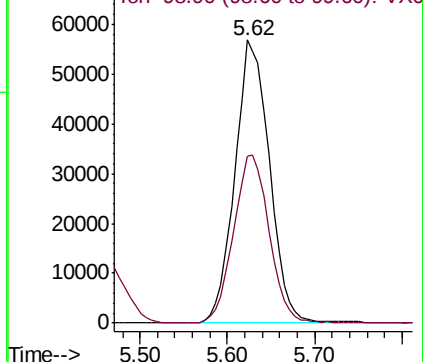
168 100

99 58.6 49.7 74.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.251 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX018986.D

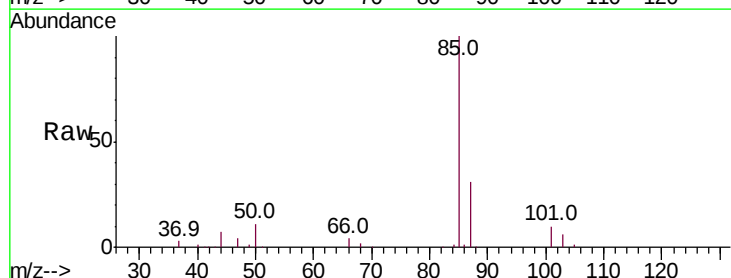
Acq: 20 Oct 2020 20:22

Tgt Ion: 85 Resp: 26319

Ion Ratio Lower Upper

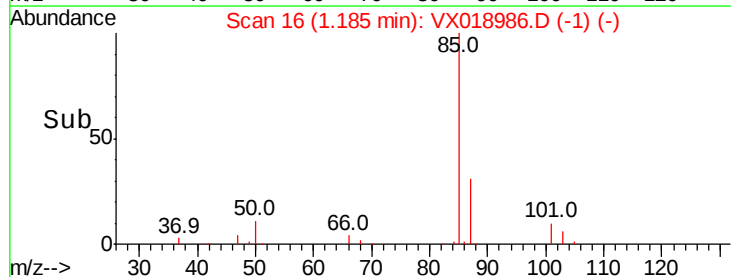
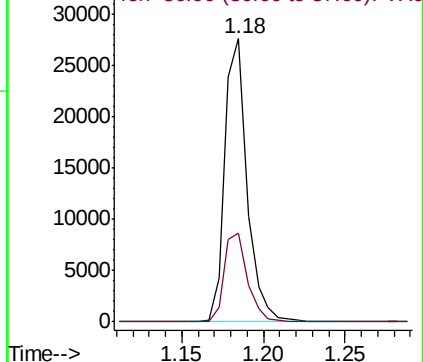
85 100

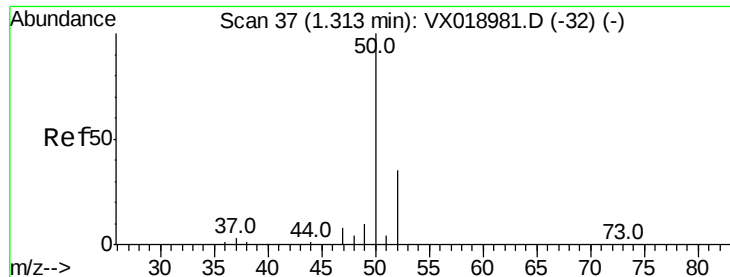
87 31.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.760 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

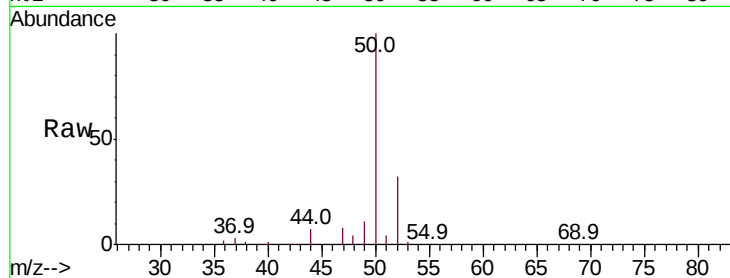
VX1020WBS01

Tot Ion: 50 Resp: 29818

Ion Ratio Lower Upper

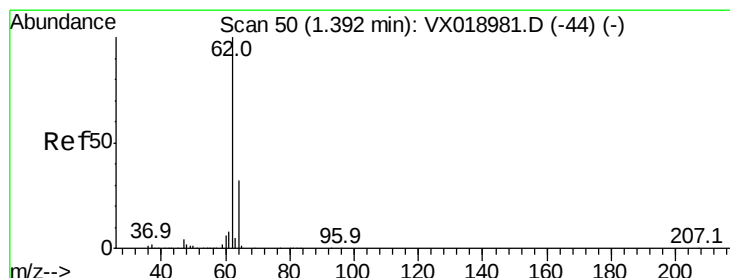
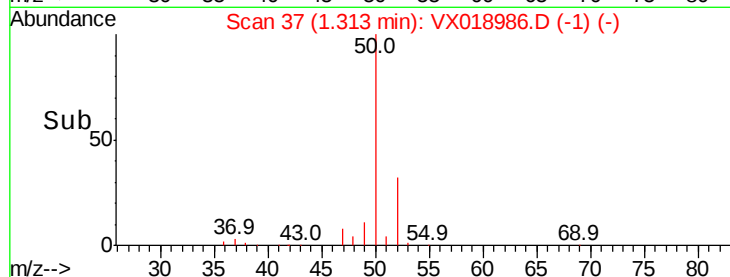
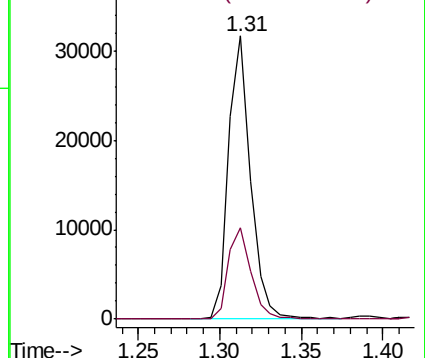
50 100

52 32.4 27.7 41.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.268 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018986.D

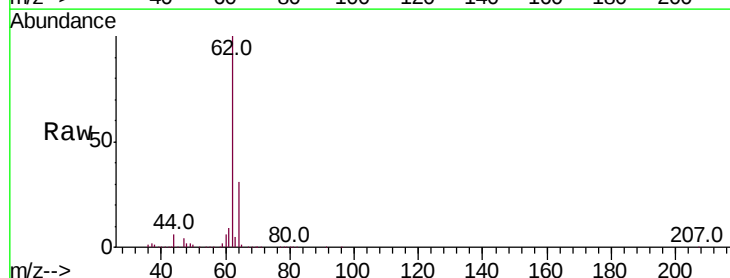
Acq: 20 Oct 2020 20:22

Tgt Ion: 62 Resp: 41476

Ion Ratio Lower Upper

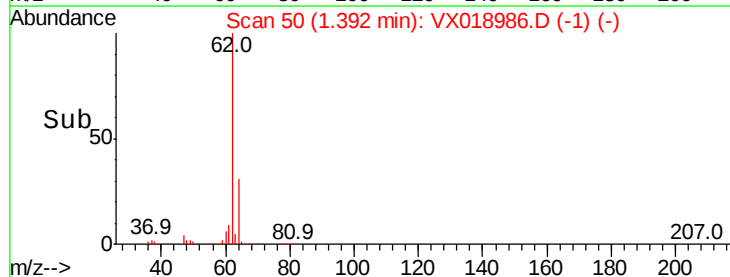
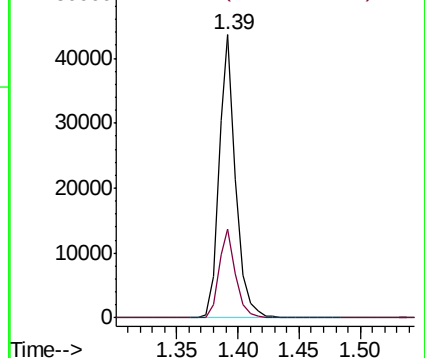
62 100

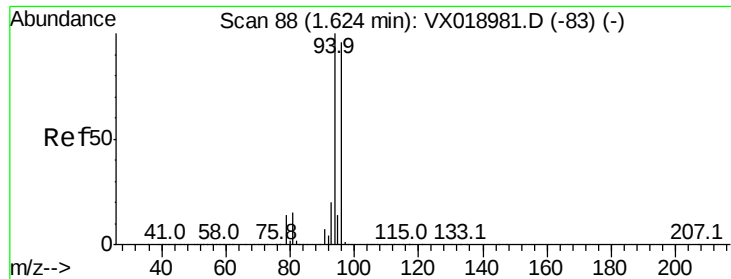
64 31.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 26.810 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

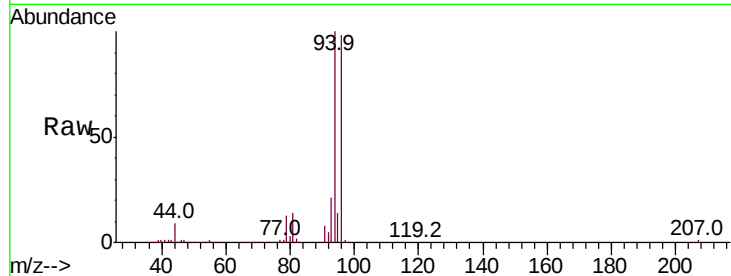
VX1020WBS01

Tot Ion: 94 Resp: 43464

Ion Ratio Lower Upper

94 100

96 97.8 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

40000

30000

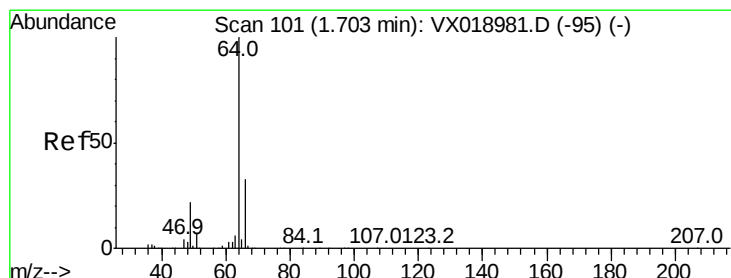
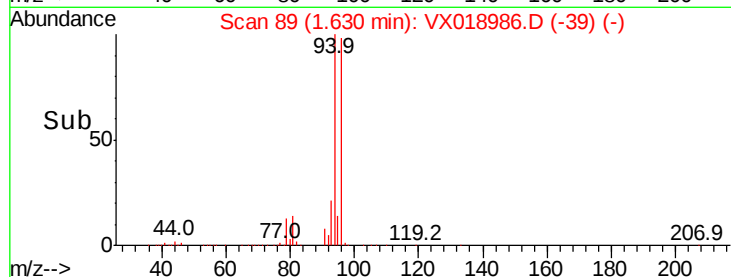
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 20.035 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX018986.D

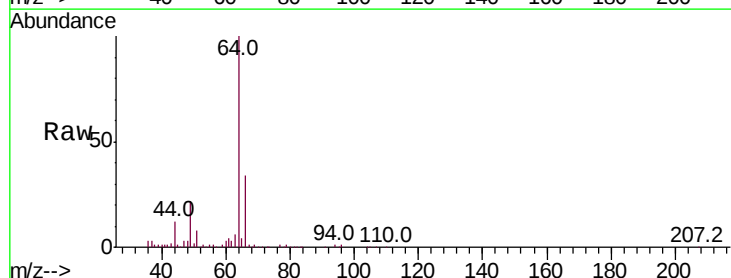
Acq: 20 Oct 2020 20:22

Tgt Ion: 64 Resp: 30621

Ion Ratio Lower Upper

64 100

66 33.3 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

25000

20000

15000

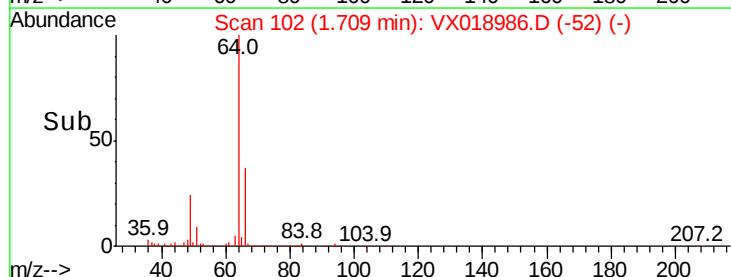
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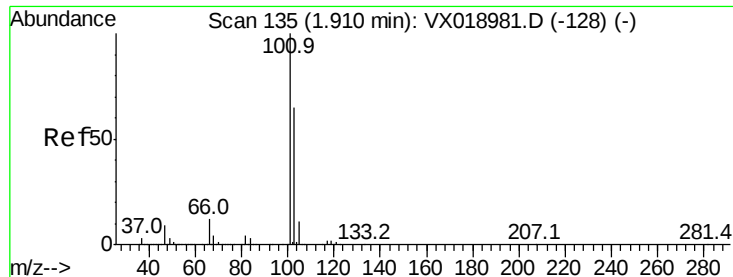
5000

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Time-->

1.65 1.70 1.75 1.80



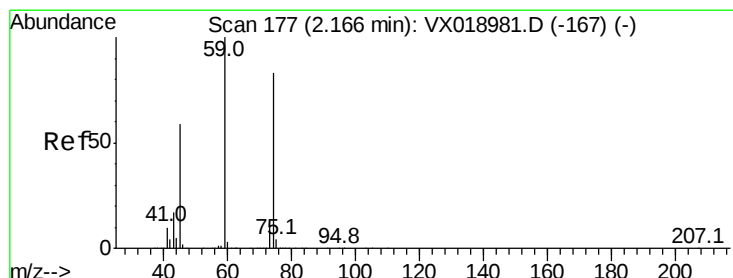
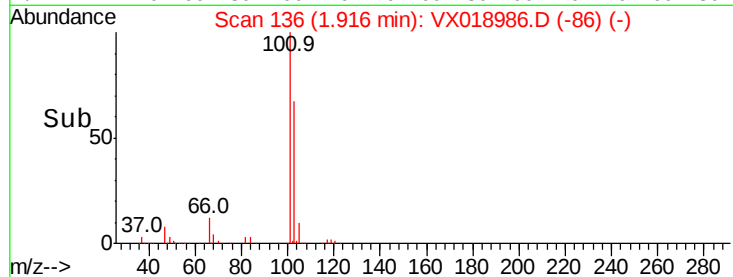
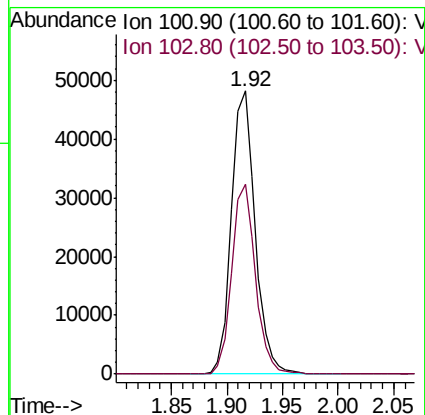
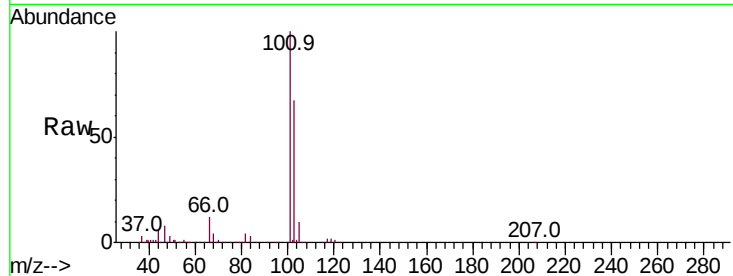


#7

Trichlorofluoromethane
 Concen: 20.059 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Instrument :
 MSVOA_X
 ClientSampled :
 VX1020WBS01

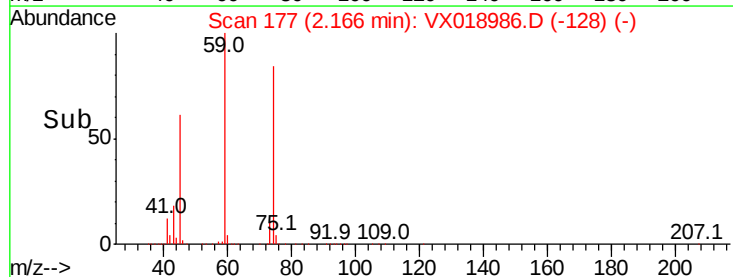
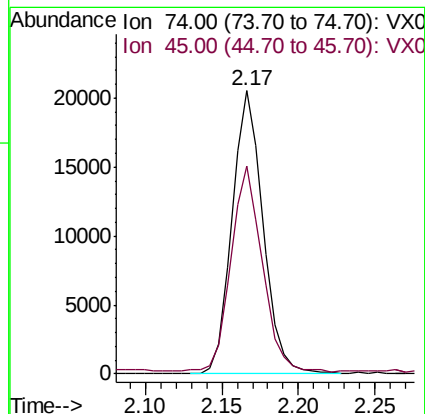
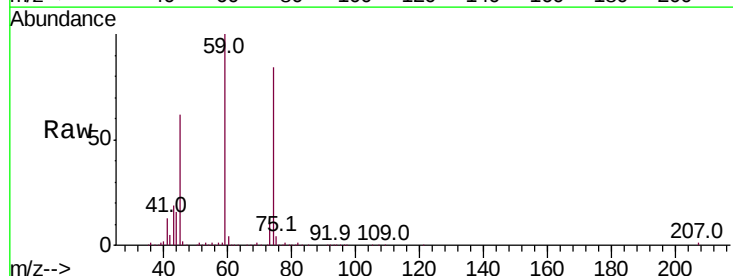
Tot Ion:101 Resp: 71193
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.6 77.4

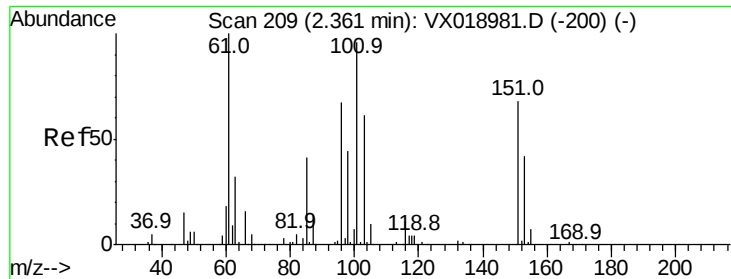


#8

Diethyl Ether
 Concen: 20.216 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Tgt Ion: 74 Resp: 28815
 Ion Ratio Lower Upper
 74 100
 45 72.2 36.0 108.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.105 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

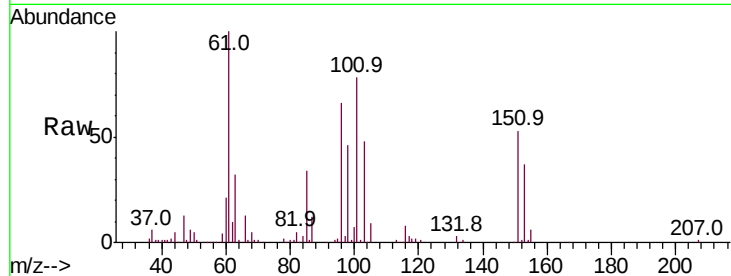
Tot Ion:101 Resp: 27353

Ion Ratio Lower Upper

101 100

85 44.3 34.9 52.3

151 69.9 56.1 84.1

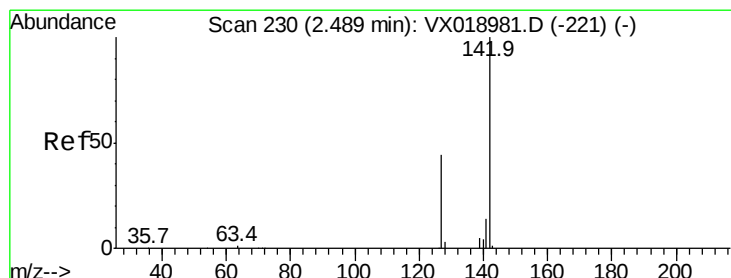
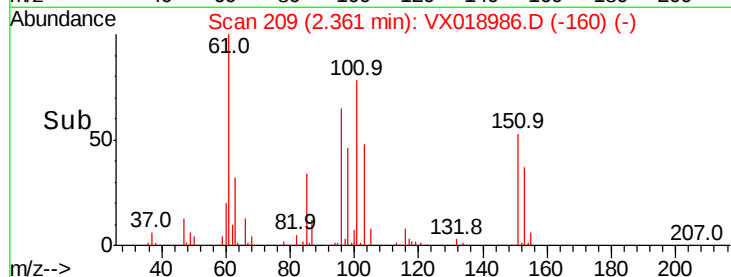
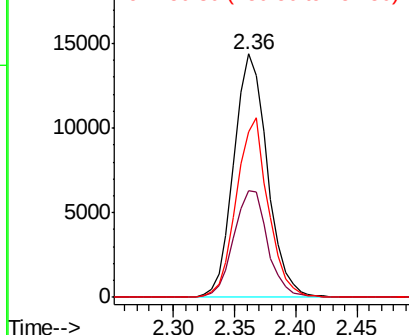


Abundance

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: 16.182 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

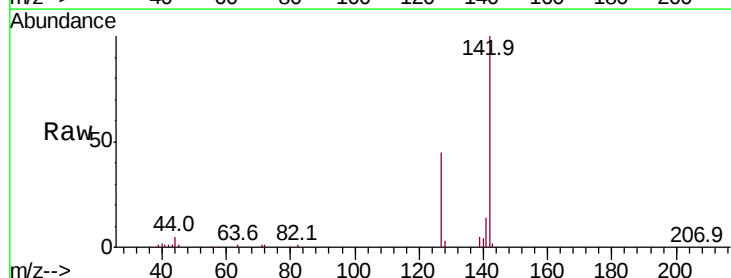
Tgt Ion:142 Resp: 27643

Ion Ratio Lower Upper

142 100

127 43.0 34.2 51.2

141 14.0 11.3 16.9

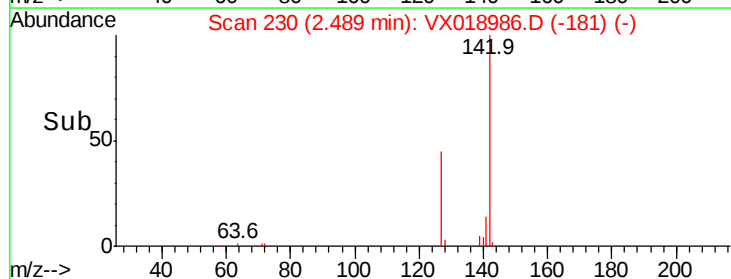
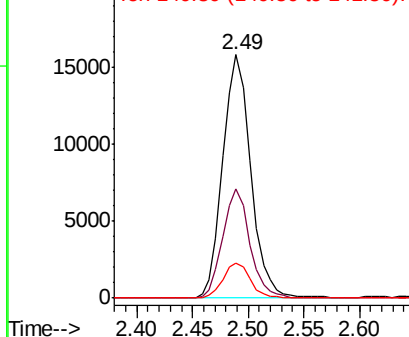


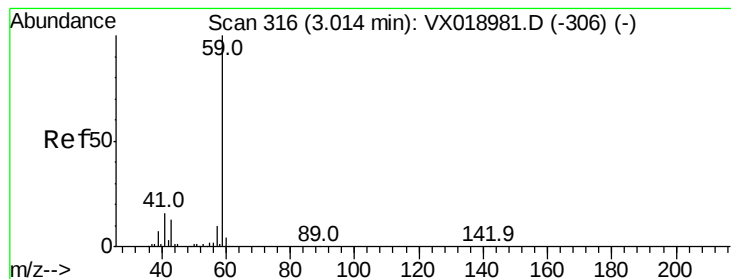
Abundance

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: 97.077 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

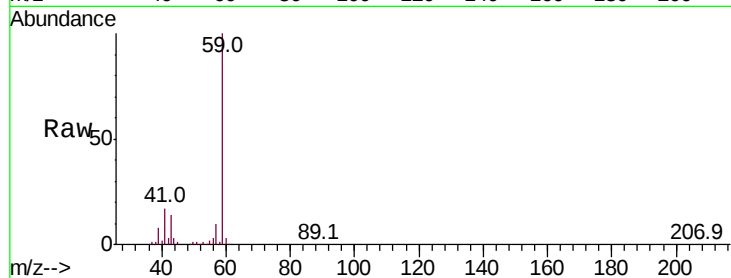
VX1020WBS01

Tot Ion: 59 Resp: 45781

Ion Ratio Lower Upper

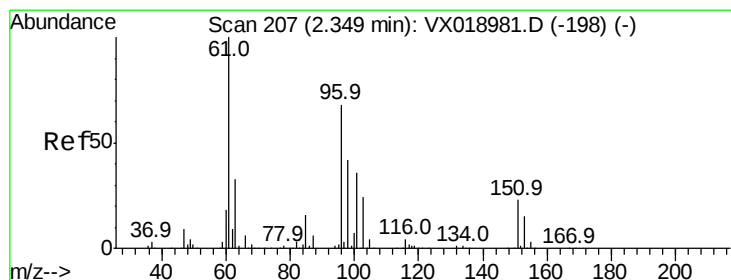
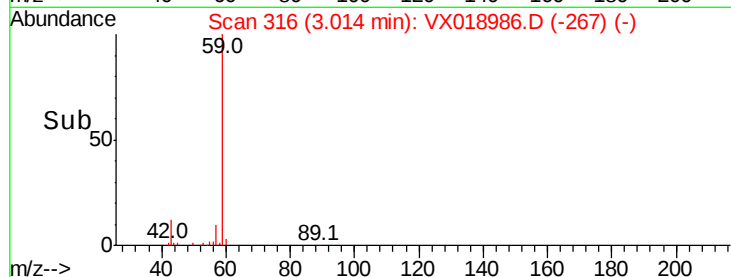
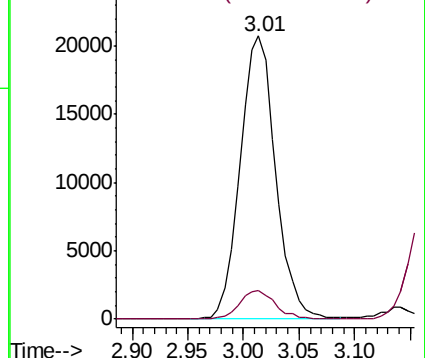
59 100

57 10.2 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 14.080 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.01 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

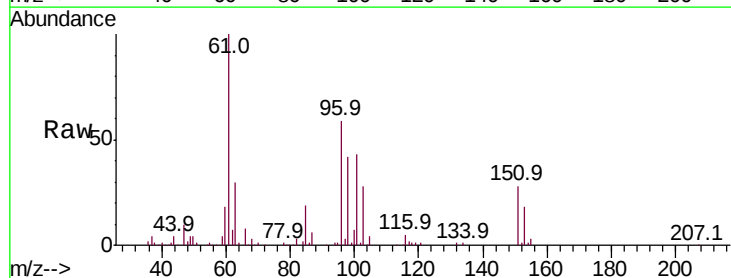
Tgt Ion: 96 Resp: 28476

Ion Ratio Lower Upper

96 100

61 170.9 117.4 176.0

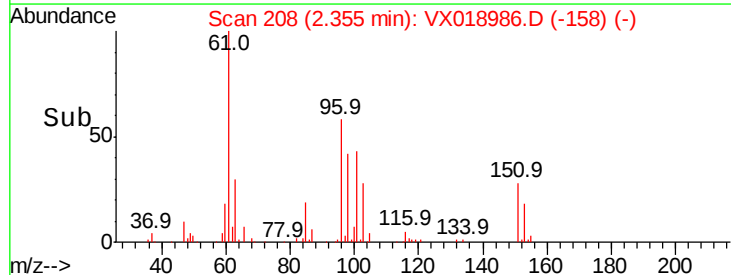
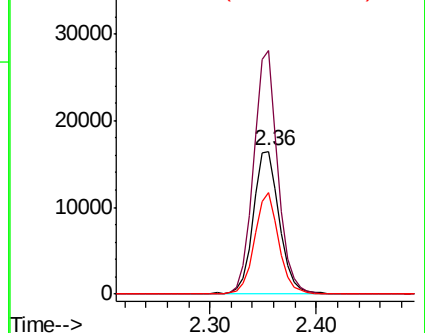
98 71.1 48.9 73.3

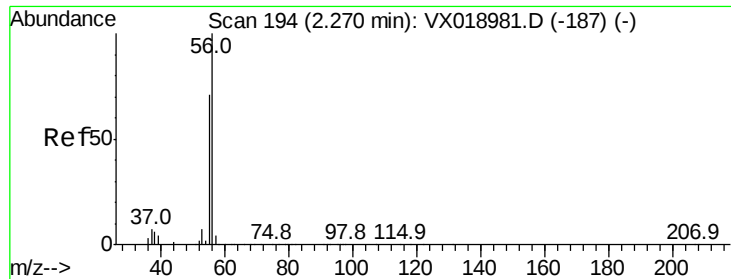


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 86.470 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

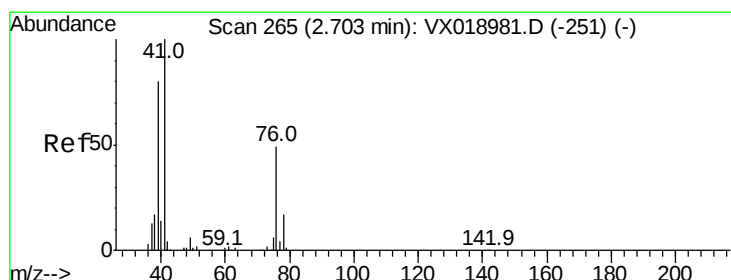
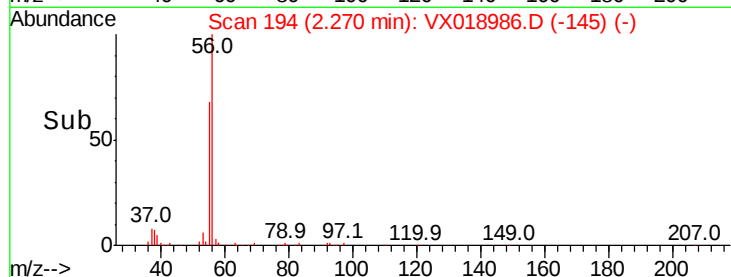
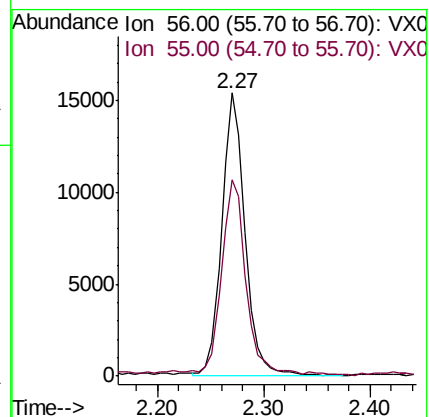
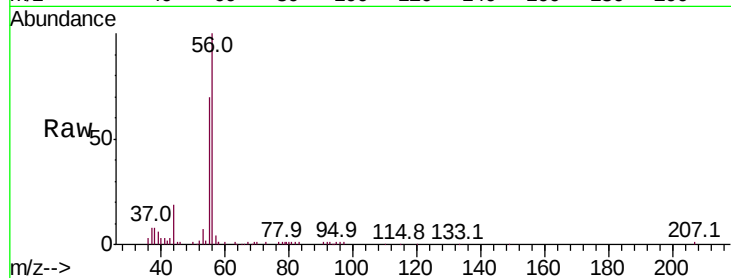
VX1020WBS01

Tot Ion: 56 Resp: 23472

Ion Ratio Lower Upper

56 100

55 70.6 55.4 83.2



#14

Allyl chloride

Concen: 19.582 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

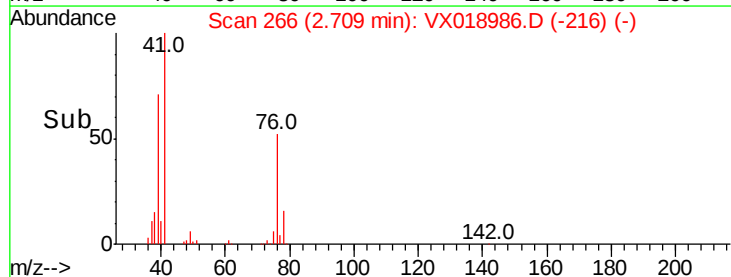
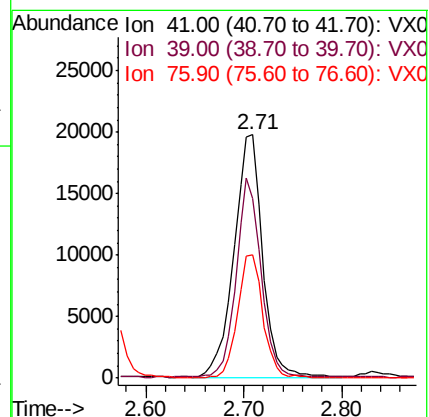
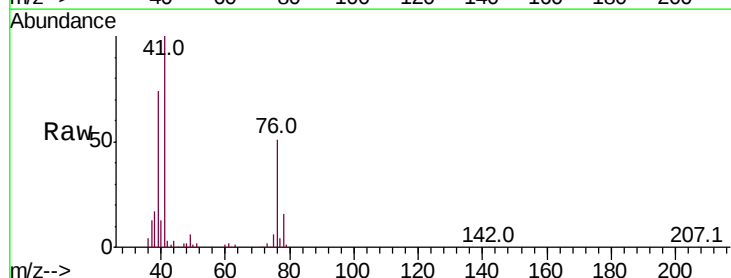
Tgt Ion: 41 Resp: 40085

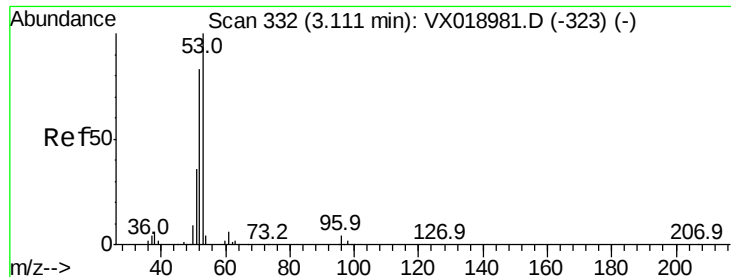
Ion Ratio Lower Upper

41 100

39 70.6 57.8 86.8

76 45.2 36.2 54.4





#15

Acrylonitrile

Concen: 98.215 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

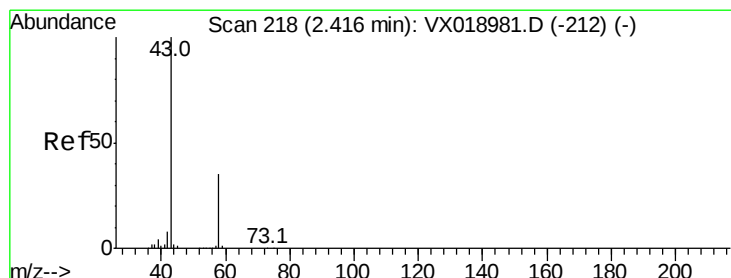
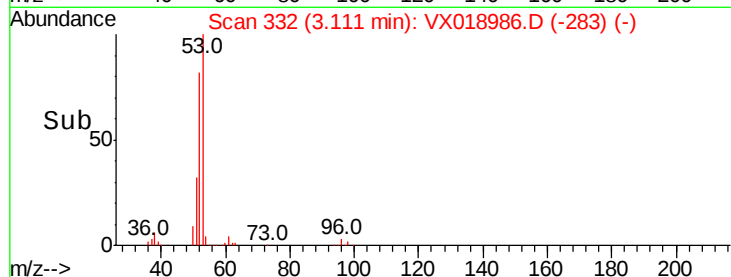
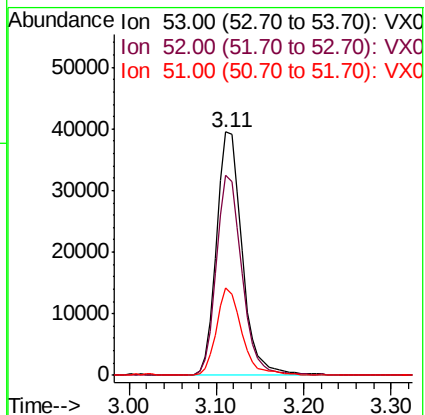
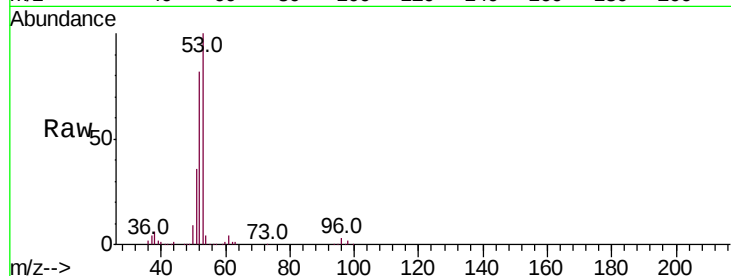
Tot Ion: 53 Resp: 80397

Ion Ratio Lower Upper

53 100

52 81.7 65.5 98.3

51 35.8 28.8 43.2



#16

Acetone

Concen: 94.146 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX018986.D

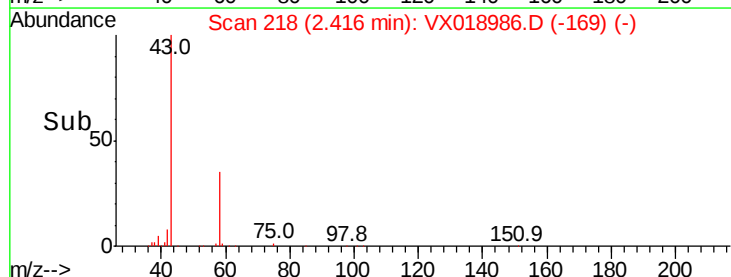
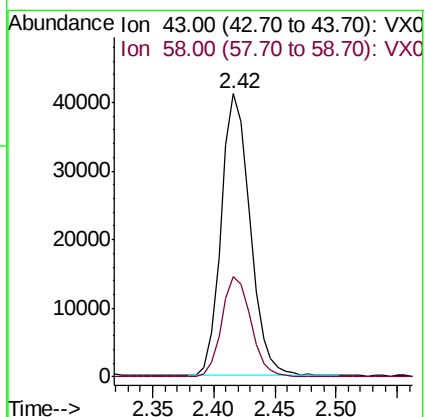
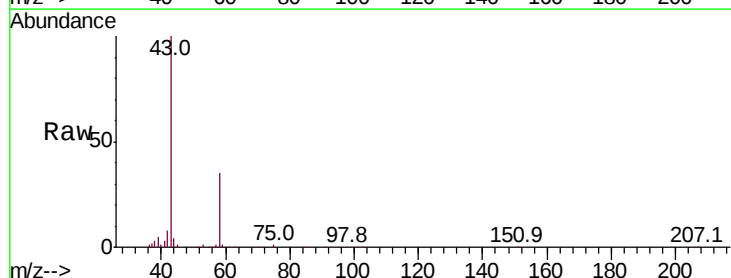
Acq: 20 Oct 2020 20:22

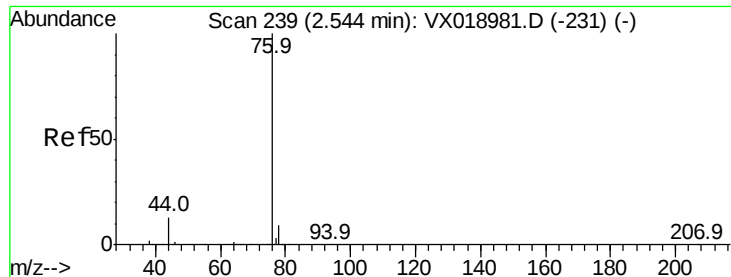
Tgt Ion: 43 Resp: 67407

Ion Ratio Lower Upper

43 100

58 35.4 27.9 41.9

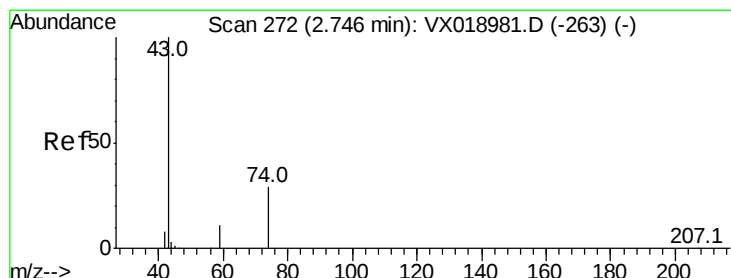
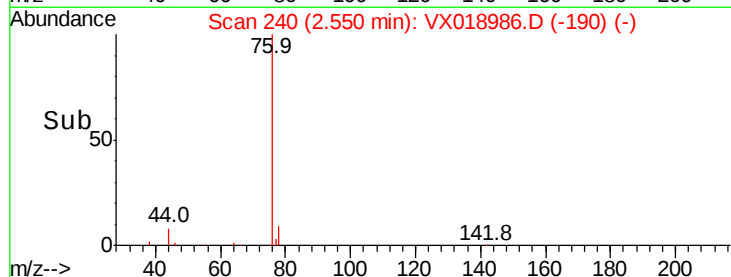
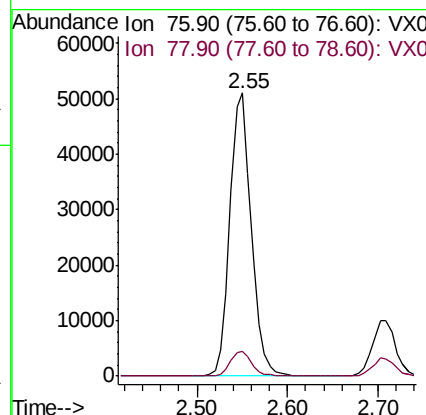
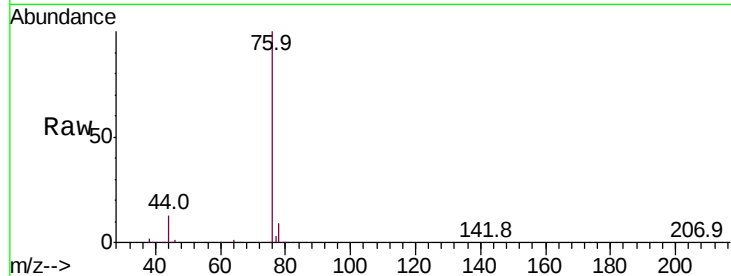




#17
Carbon Disulfide
Concen: 18.889 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

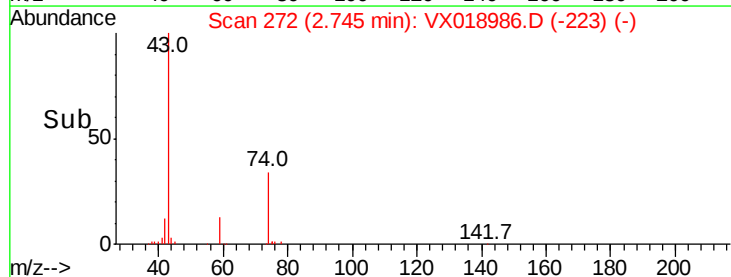
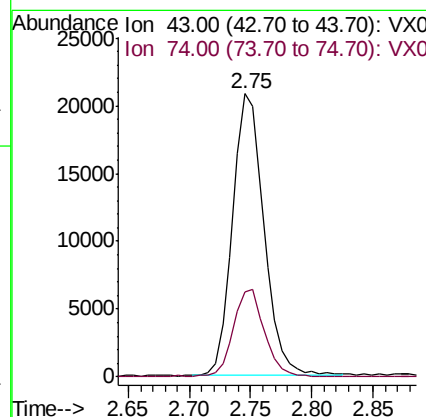
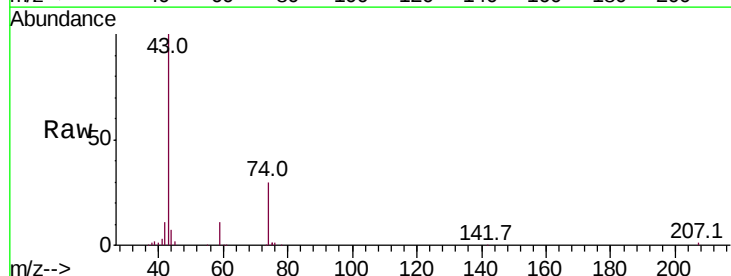
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

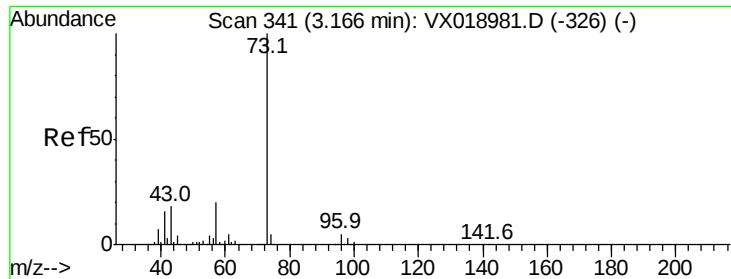
Tot Ion: 76 Resp: 83471
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 21.314 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion: 43 Resp: 36978
Ion Ratio Lower Upper
43 100
74 30.9 24.1 36.1

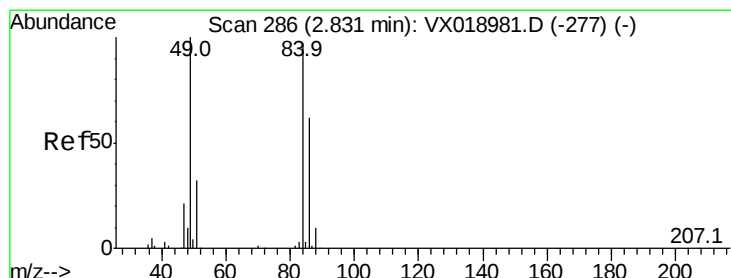
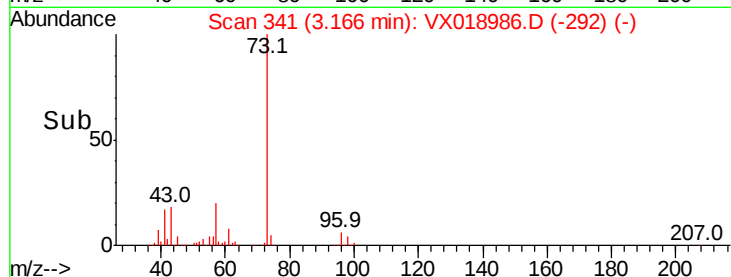
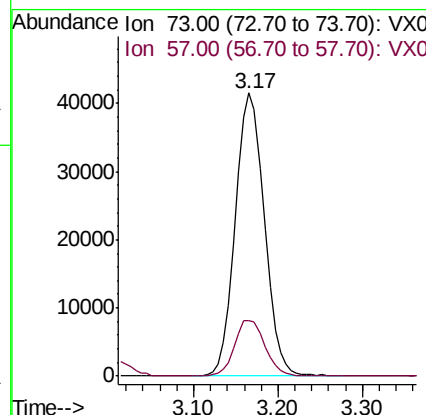
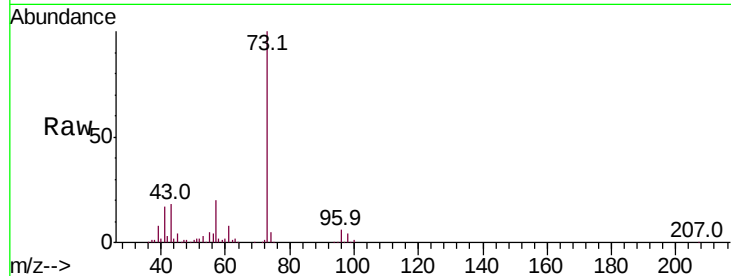




#19
Methvl tert-butvl Ether
Concen: 18.931 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

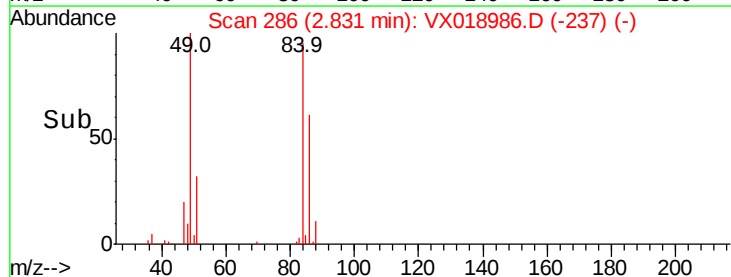
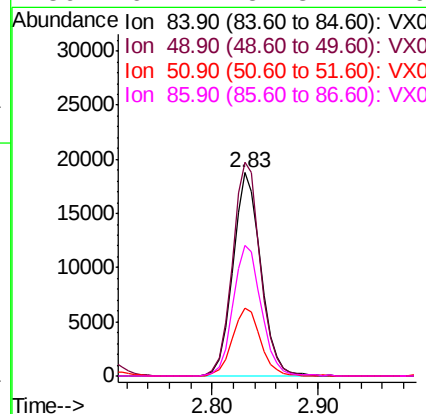
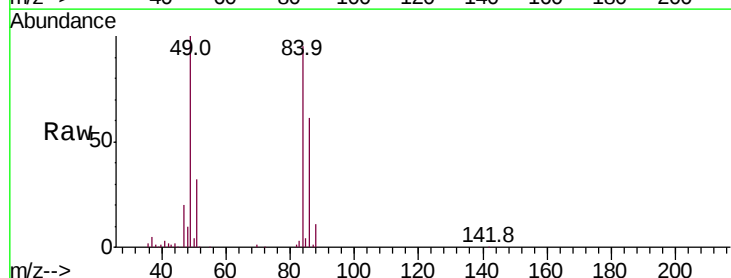
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

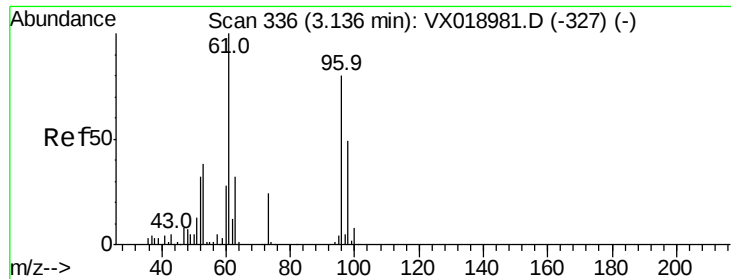
Tot Ion: 73 Resp: 97240
Ion Ratio Lower Upper
73 100
57 19.7 16.2 24.2



#20
Methylene Chloride
Concen: 18.656 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion: 84 Resp: 34516
Ion Ratio Lower Upper
84 100
49 105.2 82.9 124.3
51 33.4 26.4 39.6
86 64.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.650 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

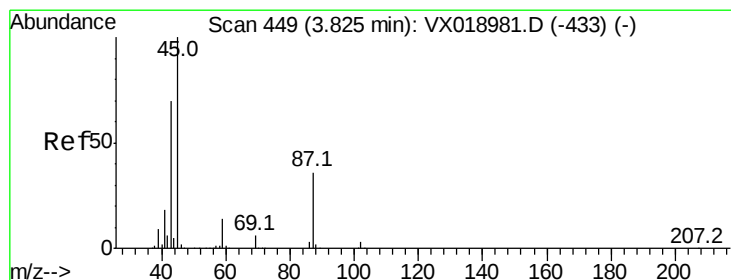
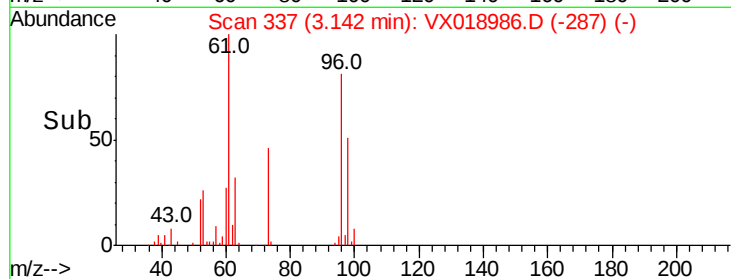
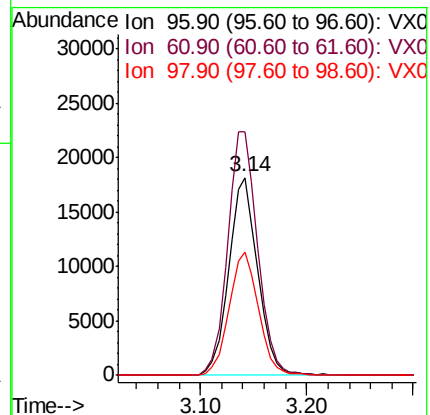
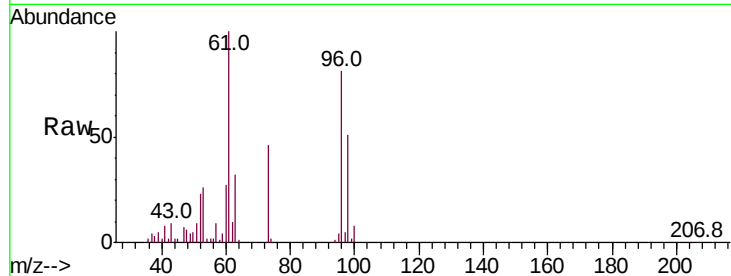
Tot Ion: 96 Resp: 34467

Ion Ratio Lower Upper

96 100

61 123.0 99.8 149.8

98 62.6 49.1 73.7



#22

Diisopropyl ether

Concen: 19.279 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Tgt Ion: 45 Resp: 81140

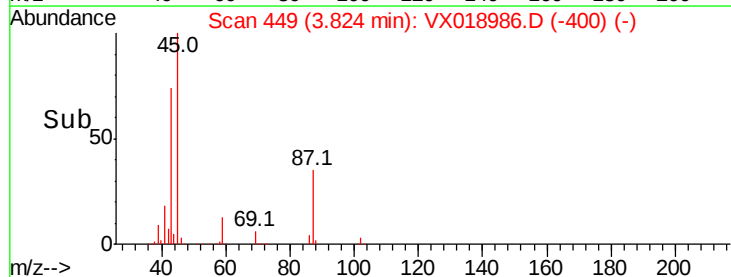
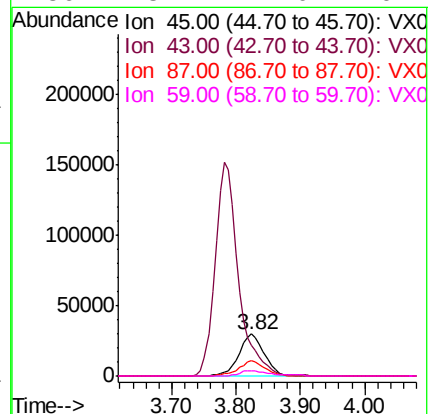
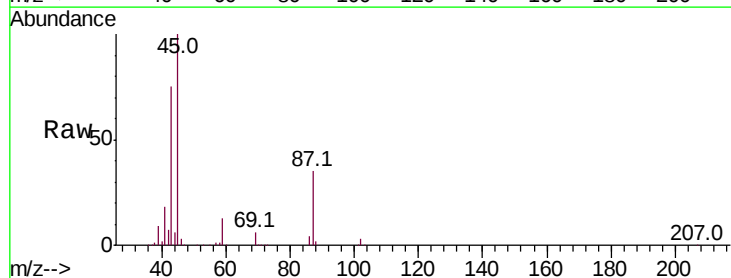
Ion Ratio Lower Upper

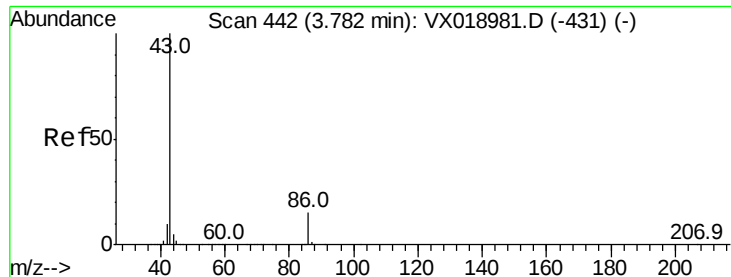
45 100

43 73.7 56.1 84.1

87 35.3 29.2 43.8

59 13.1 11.0 16.4





#23

Vinyl Acetate

Concen: 97.116 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampled :

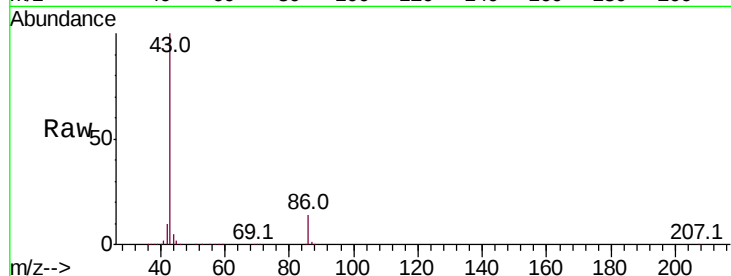
VX1020WBS01

Tot Ion: 43 Resp: 385500

Ion Ratio Lower Upper

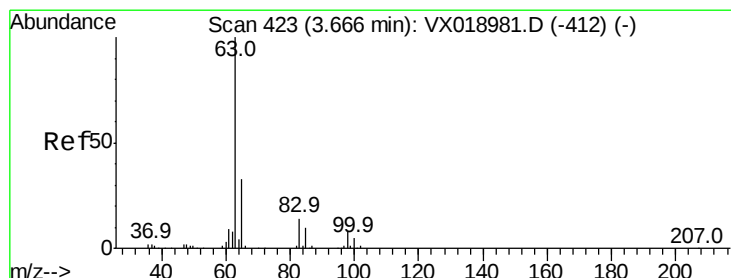
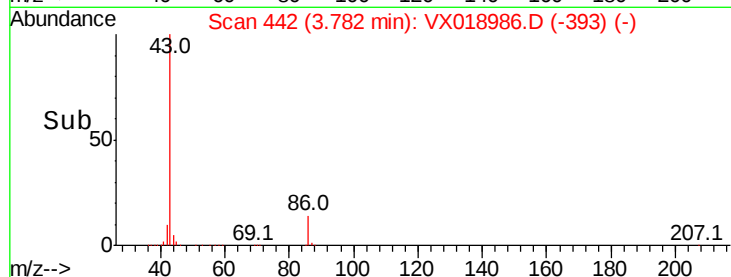
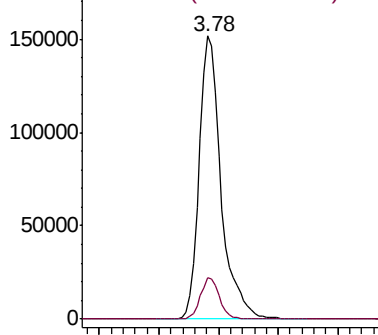
43 100

86 14.5 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.523 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

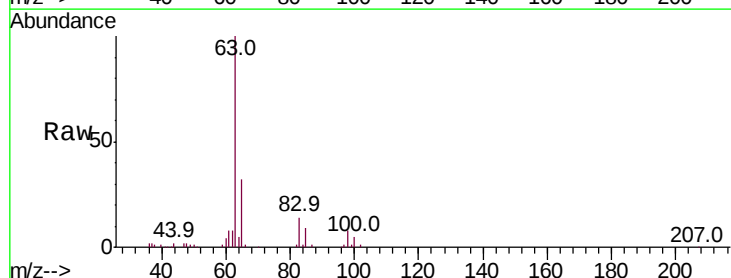
Tgt Ion: 63 Resp: 58668

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

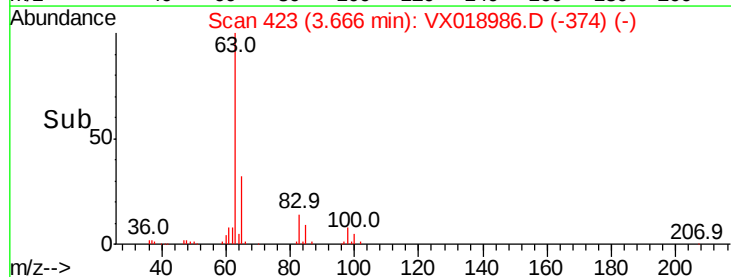
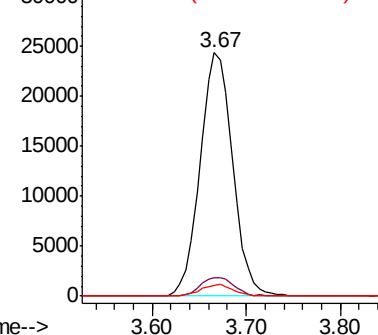
100 4.6 2.4 7.1

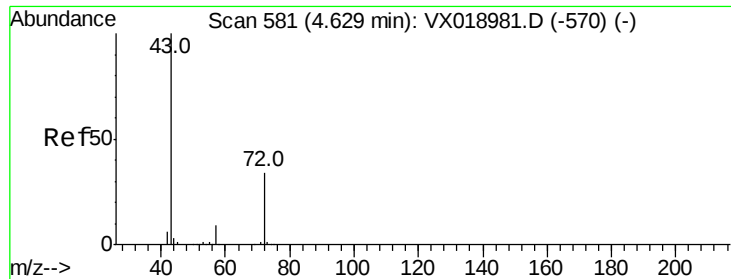


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.978 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

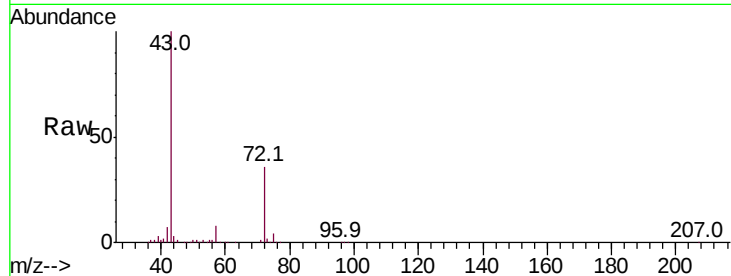
VX1020WBS01

Tot Ion: 43 Resp: 114478

Ion Ratio Lower Upper

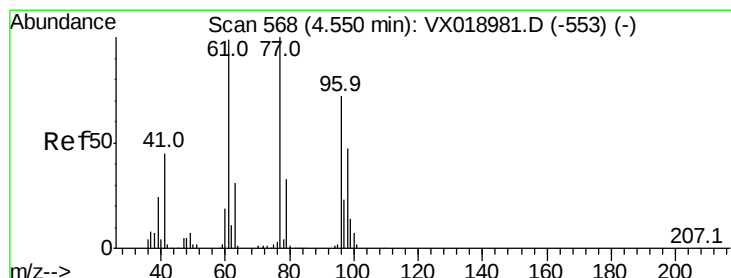
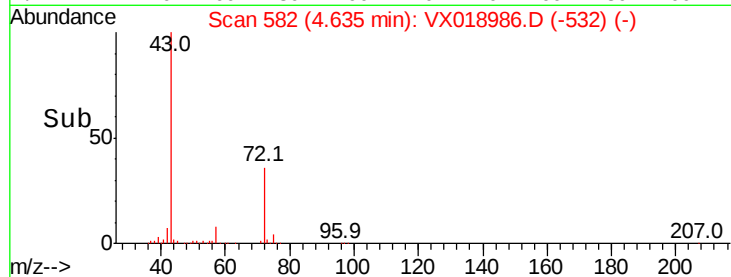
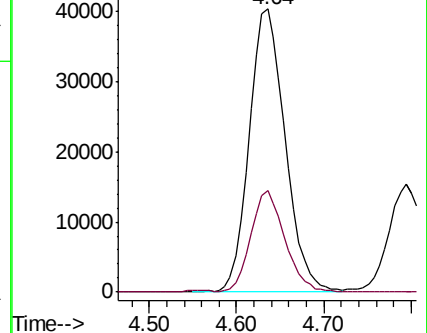
43 100

72 35.8 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.461 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018986.D

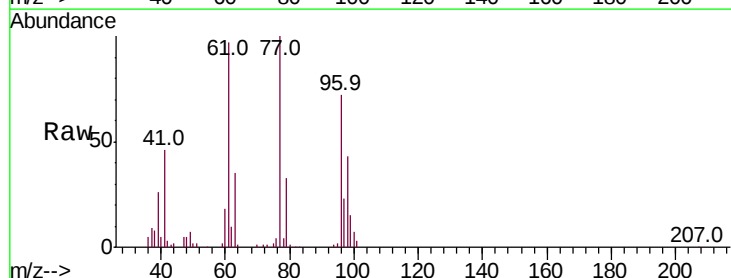
Acq: 20 Oct 2020 20:22

Tgt Ion: 77 Resp: 50326

Ion Ratio Lower Upper

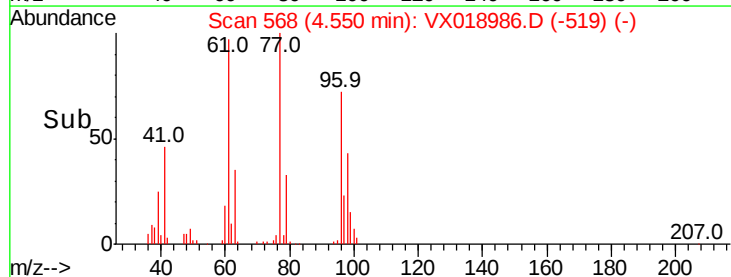
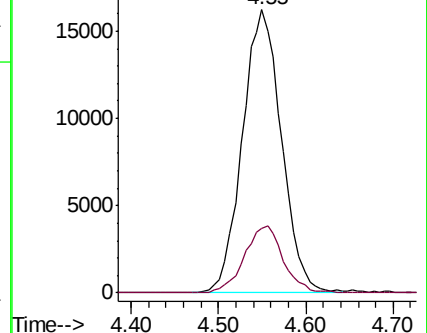
77 100

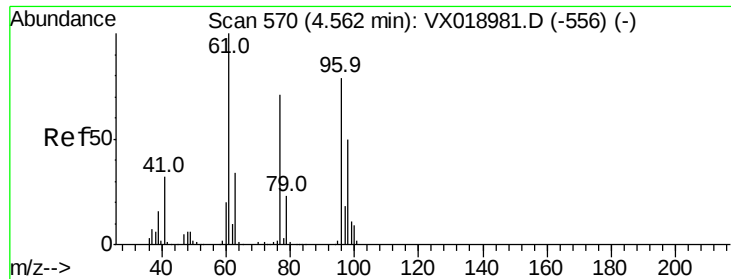
97 23.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



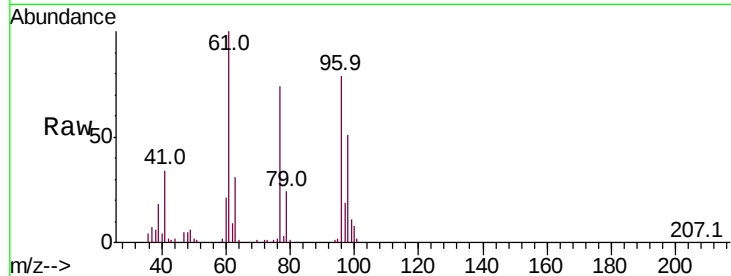


#27

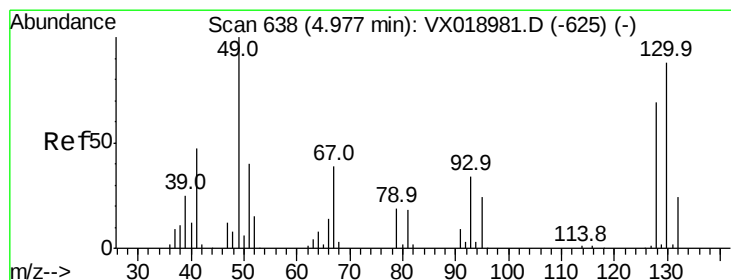
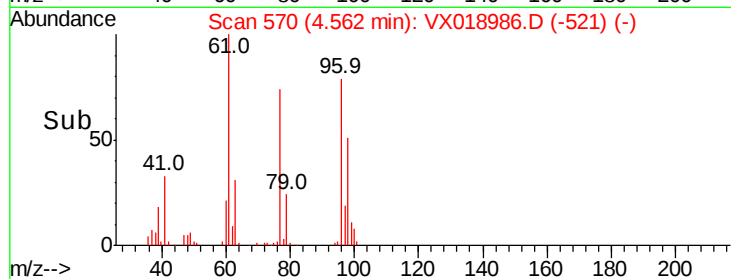
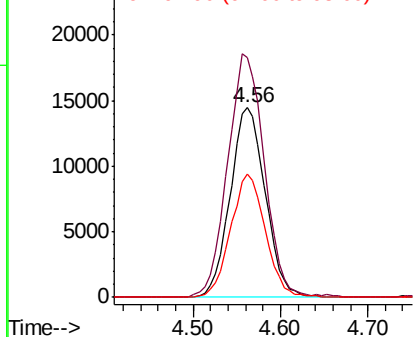
cis-1,2-Dichloroethene
Concen: 18.708 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	266.2
98	63.9	0.0	128.6



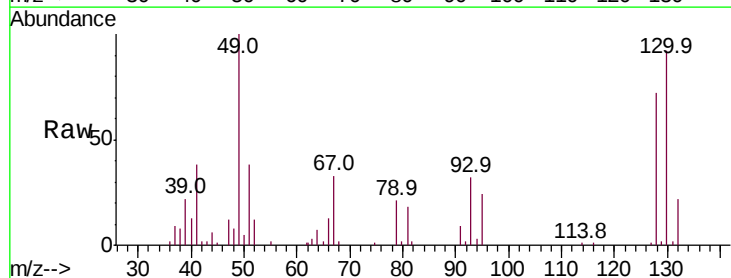
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



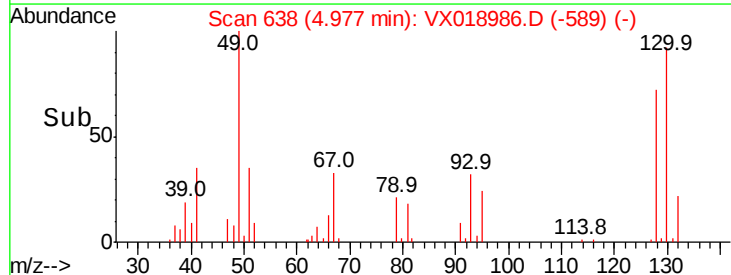
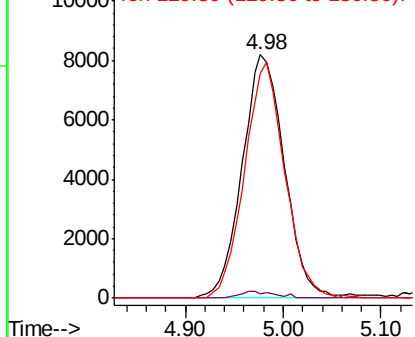
#28

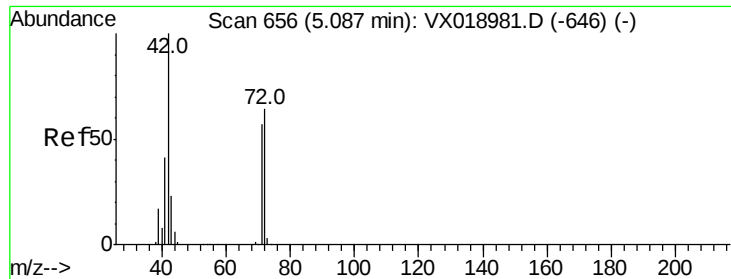
Bromochloromethane
Concen: 18.912 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	92.0	74.0	111.0



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

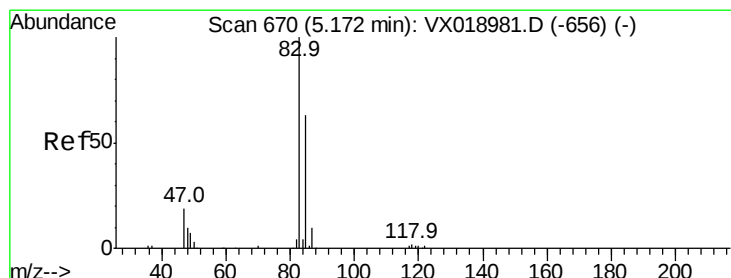
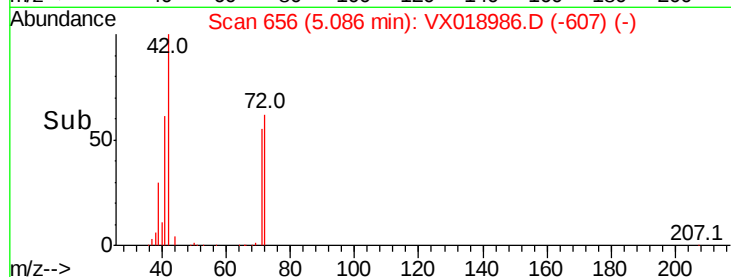
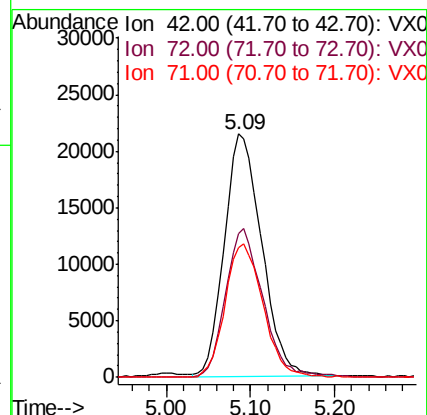
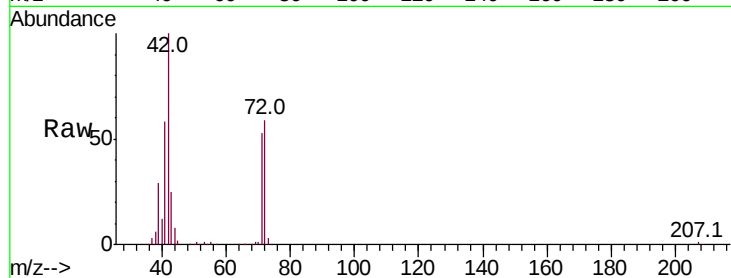




#29
Tetrahydrofuran
Concen: 95.259 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

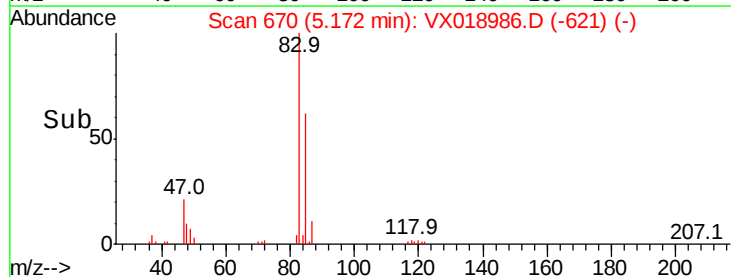
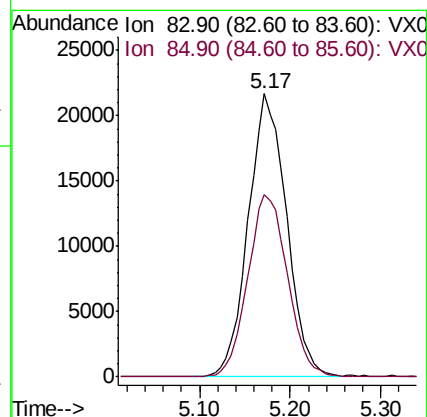
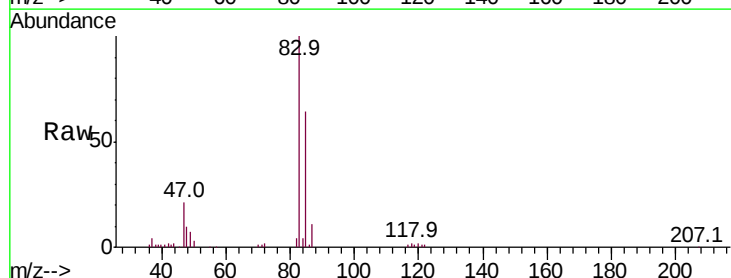
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

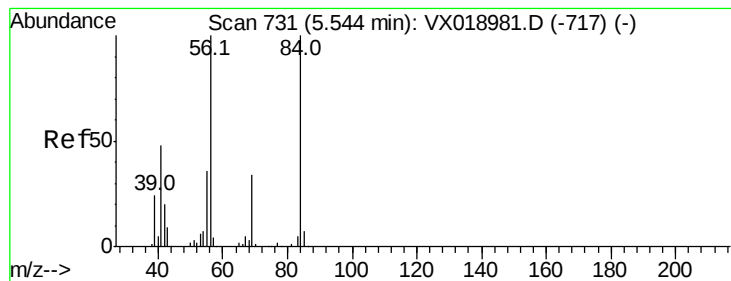
Tot Ion: 42 Resp: 64945
Ion Ratio Lower Upper
42 100
72 61.4 49.2 73.8
71 55.8 45.3 67.9



#30
Chloroform
Concen: 18.946 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion: 83 Resp: 63483
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1





#31

Cyclohexane

Concen: 18.485 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

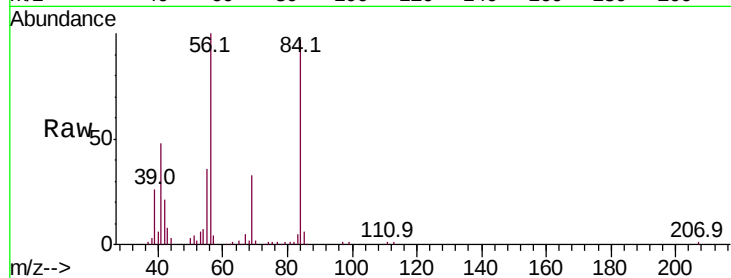
Tot Ion: 56 Resp: 44435

Ion Ratio Lower Upper

56 100

69 33.1 27.1 40.7

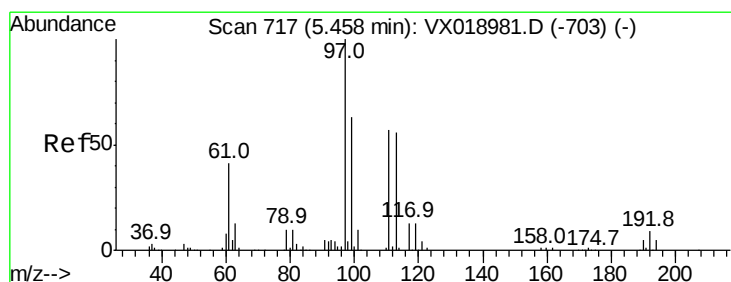
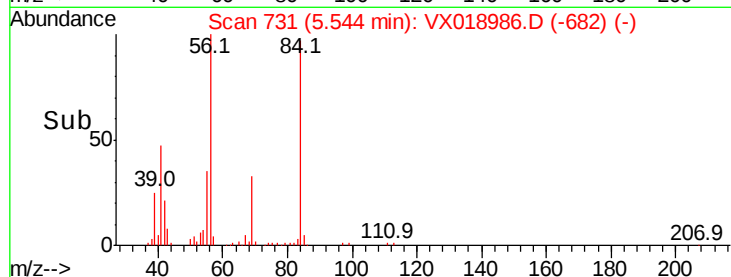
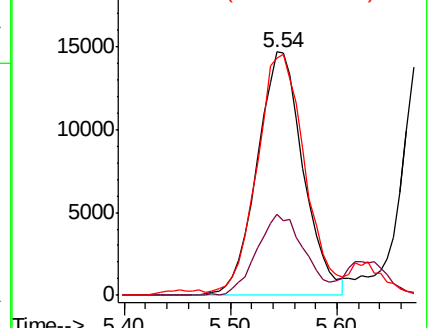
84 95.4 80.4 120.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.837 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

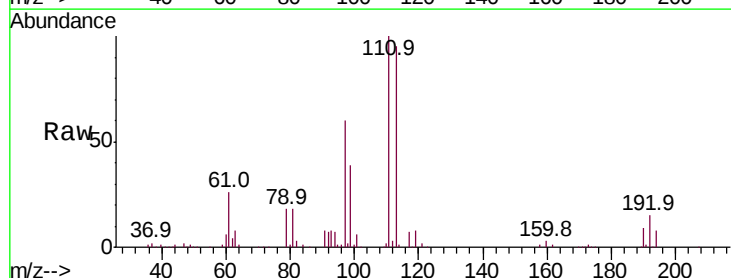
Tgt Ion: 97 Resp: 56739

Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

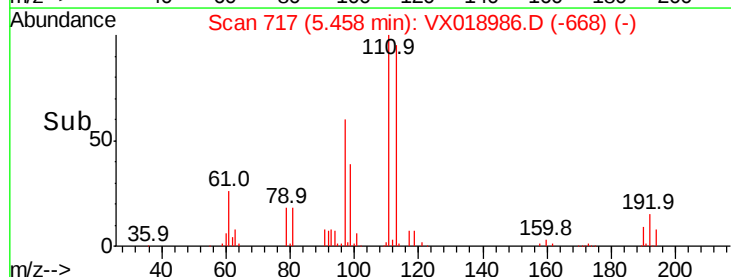
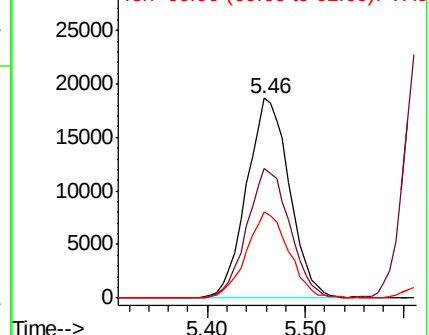
61 42.6 32.5 48.7

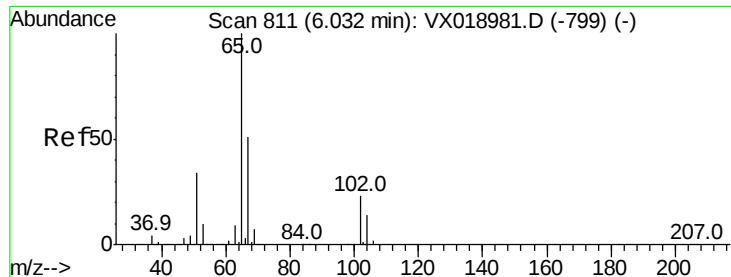


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.340 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

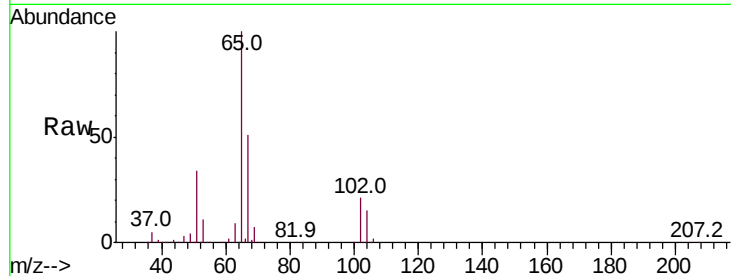
VX1020WBS01

Tot Ion: 65 Resp: 107624

Ion Ratio Lower Upper

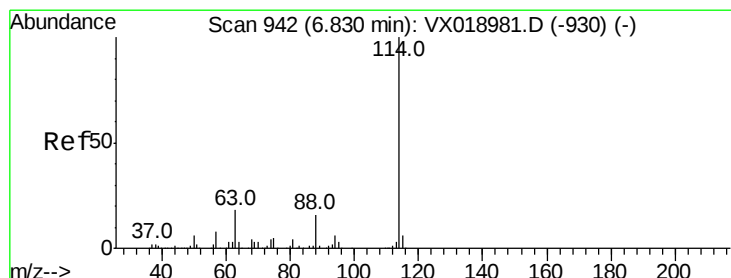
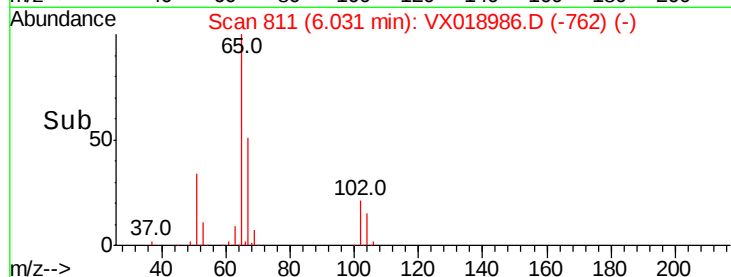
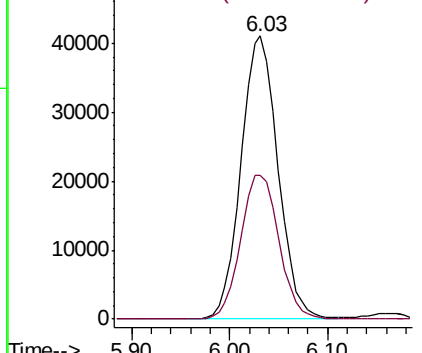
65 100

67 52.8 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

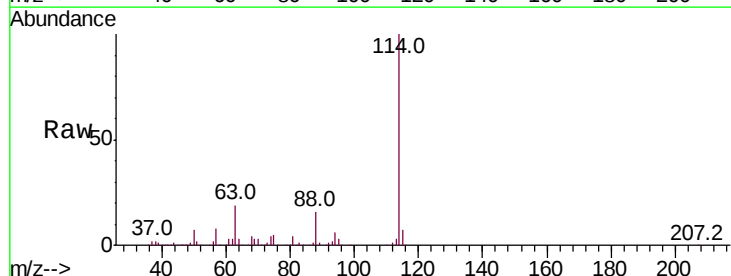
Tgt Ion:114 Resp: 292373

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

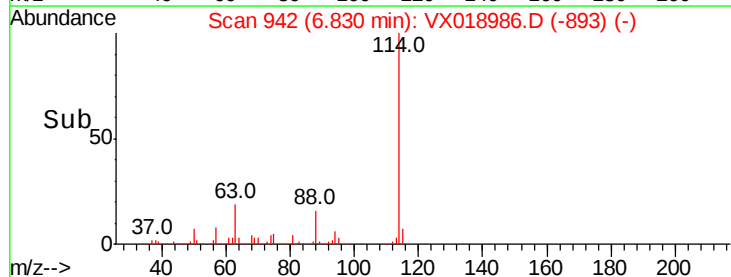
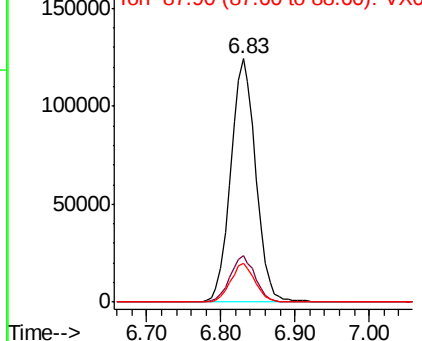
88 15.9 0.0 31.8

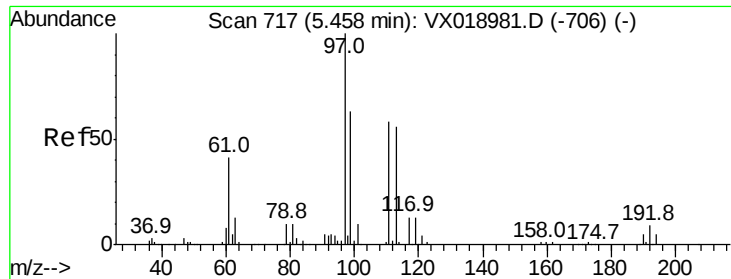


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

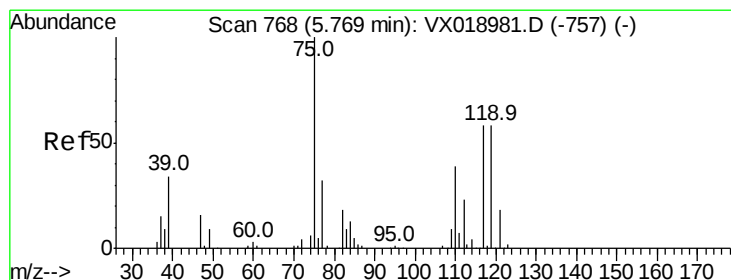
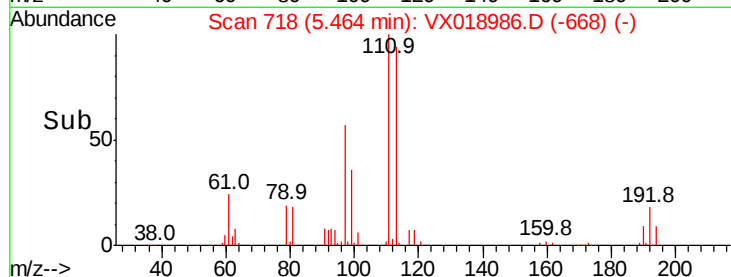
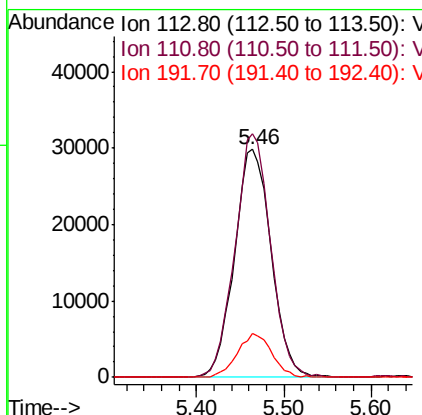
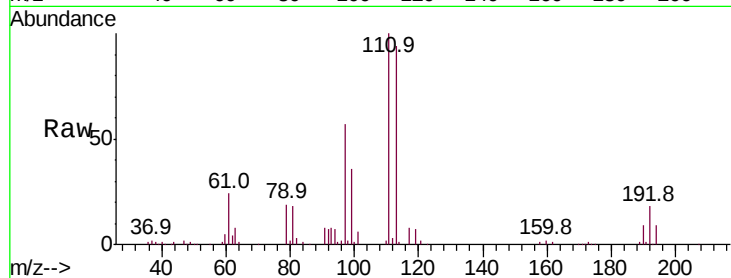




#35
 Dibromofluoromethane
 Concen: 47.120 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

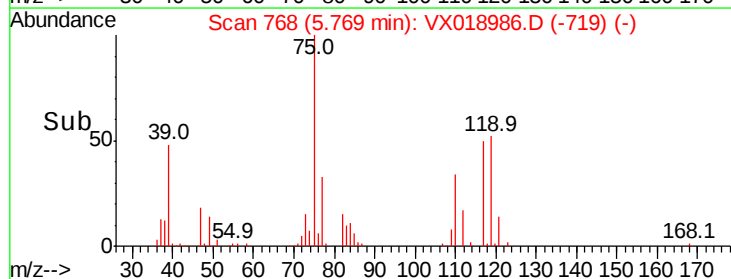
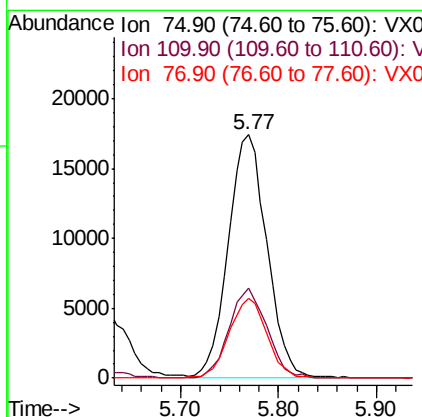
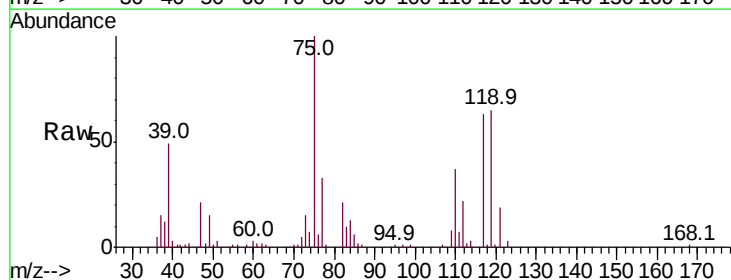
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

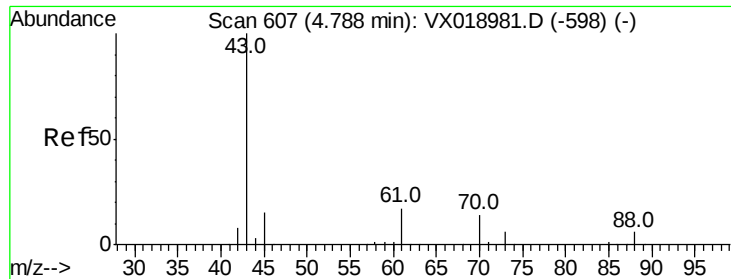
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	84.1	126.1
192	18.1	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 17.530 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.6	55.6
77	32.1	25.0	37.4

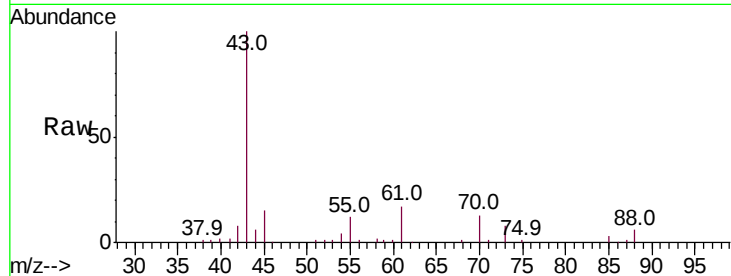




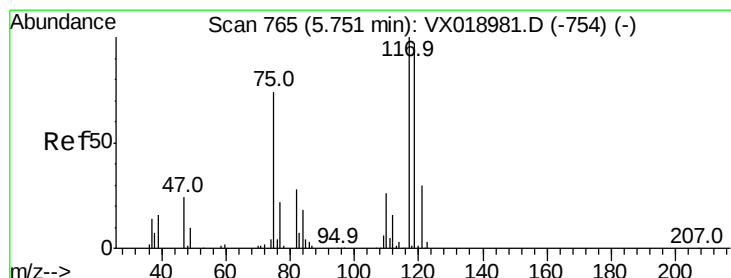
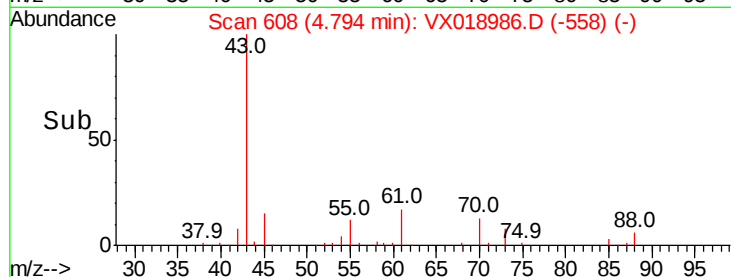
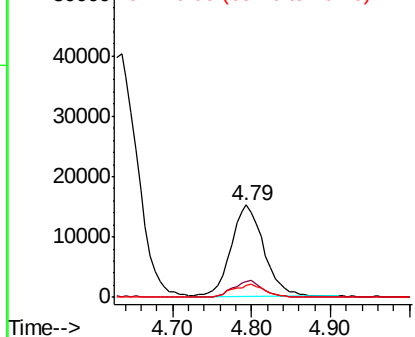
#37
Ethyl Acetate
Concen: 18.552 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampled :
VX1020WBS01

Tot Ion: 43 Resp: 43822
Ion Ratio Lower Upper
43 100
61 16.7 13.5 20.3
70 14.4 11.4 17.2

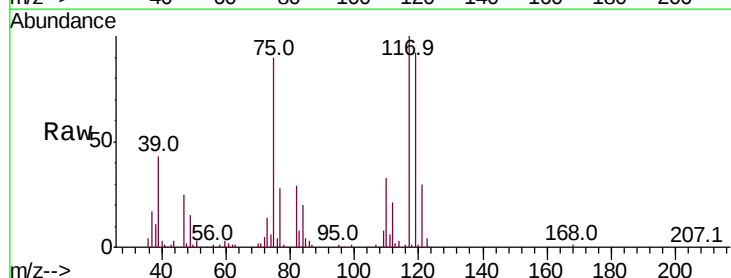


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

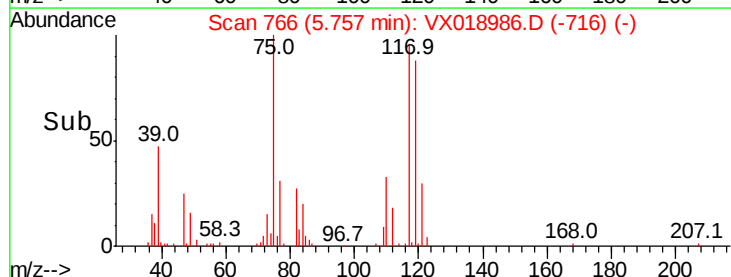
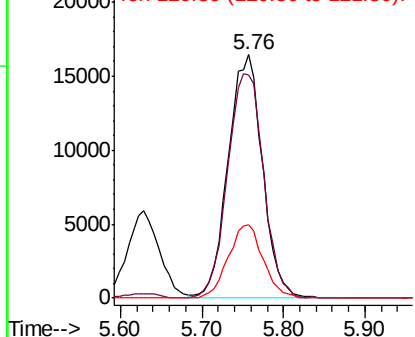


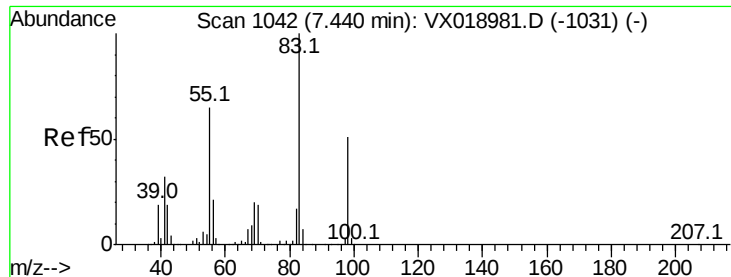
#38
Carbon Tetrachloride
Concen: 17.378 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion: 117 Resp: 47785
Ion Ratio Lower Upper
117 100
119 91.8 77.6 116.4
121 30.3 23.9 35.9



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

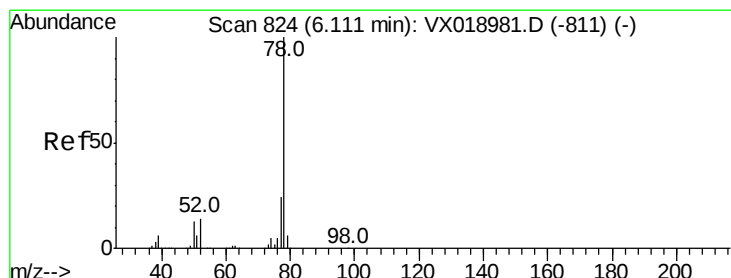
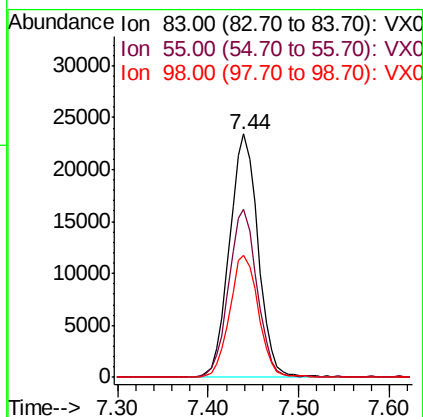
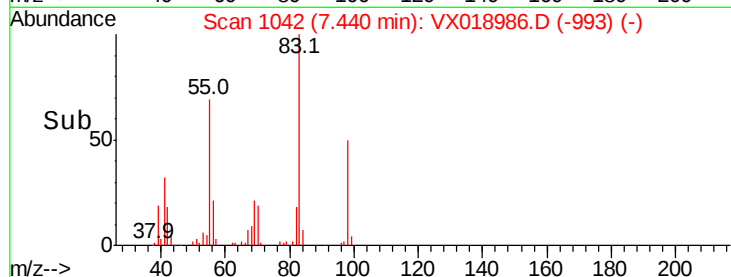
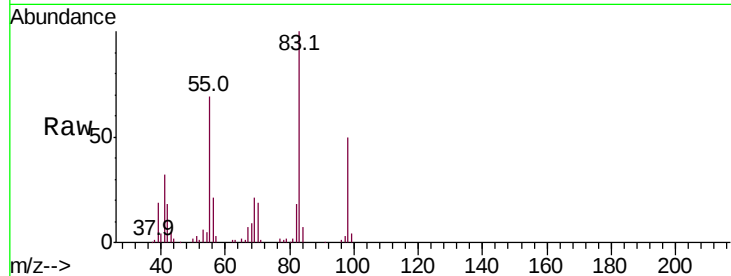




#39
Methvlcvclohexane
Concen: 17.368 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

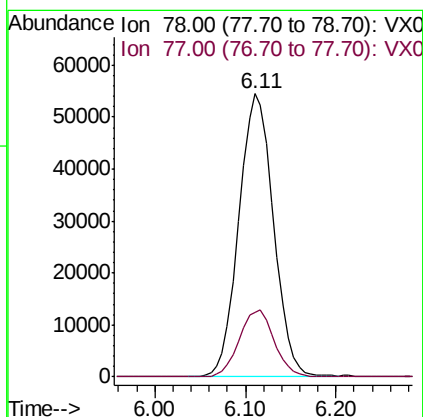
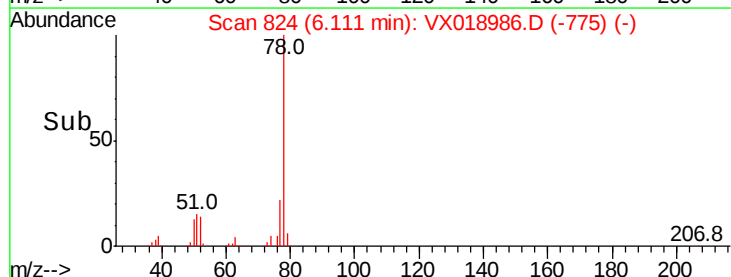
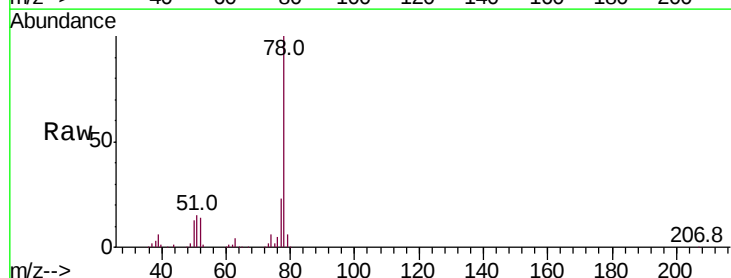
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

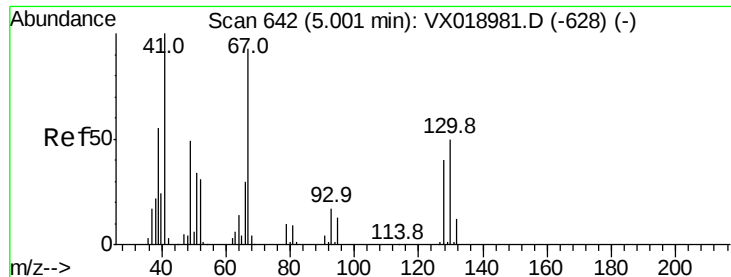
Tot Ion: 83 Resp: 51271
Ion Ratio Lower Upper
83 100
55 69.1 52.2 78.4
98 49.9 40.8 61.2



#40
Benzene
Concen: 18.146 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion: 78 Resp: 144225
Ion Ratio Lower Upper
78 100
77 22.7 19.5 29.3





#41

Methacrylonitrile

Concen: 18.275 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

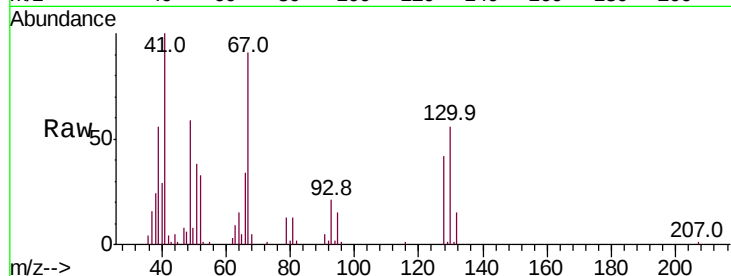
MSVOA_X

ClientSampleId :

VX1020WBS01

Tot Ion: 41 Resp: 23077

Ion	Ratio	Lower	Upper
41	100		
39	57.2	44.3	66.5
67	93.2	74.7	112.1
52	35.4	27.4	41.2

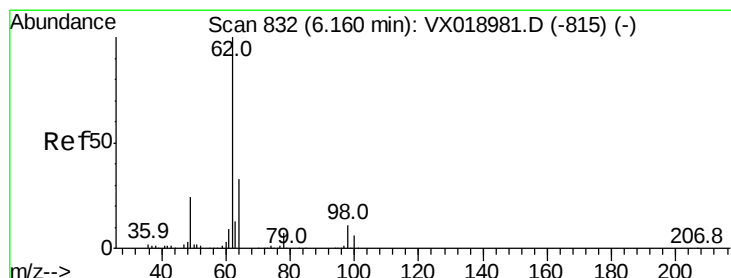
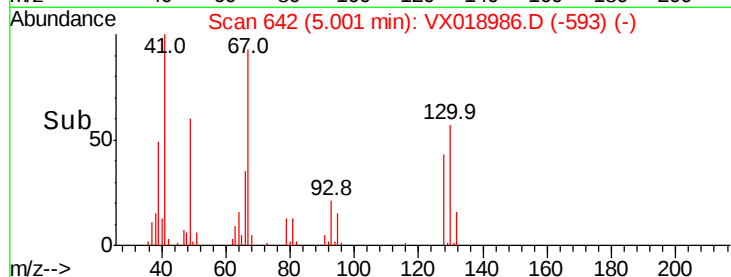


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.912 ug/l

RT: 6.16 min Scan# 832

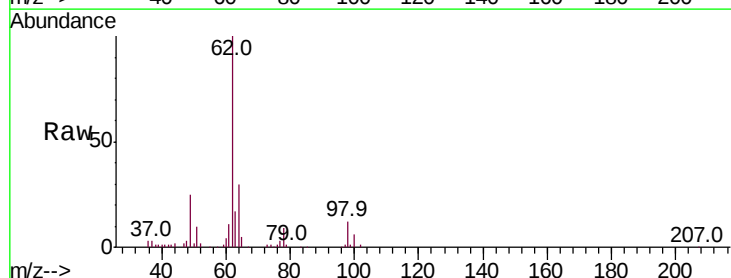
Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

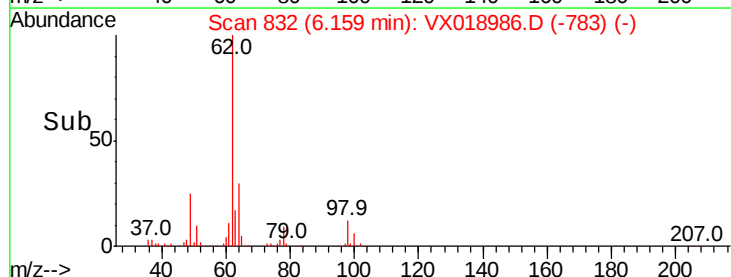
Tgt Ion: 62 Resp: 51555

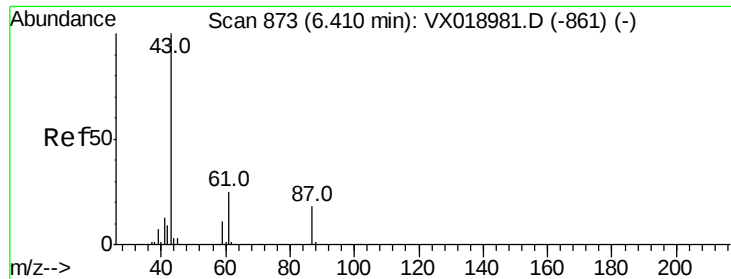
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.283 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

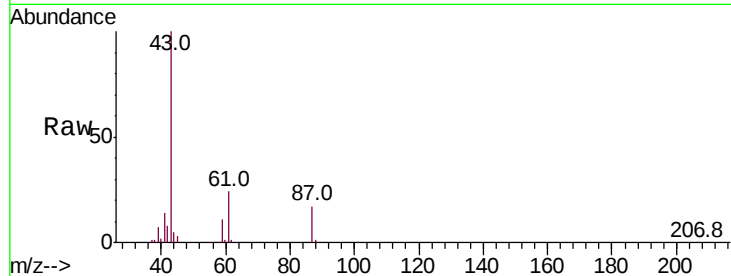
Tot Ion: 43 Resp: 72772

Ion Ratio Lower Upper

43 100

61 24.2 19.3 28.9

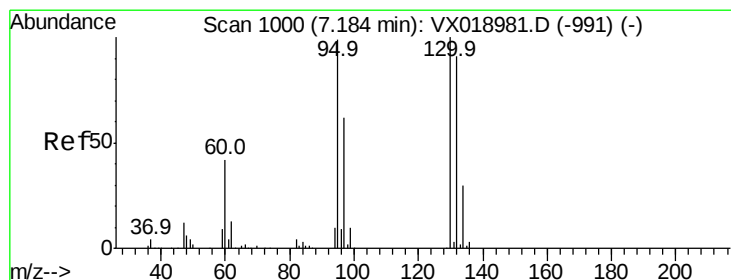
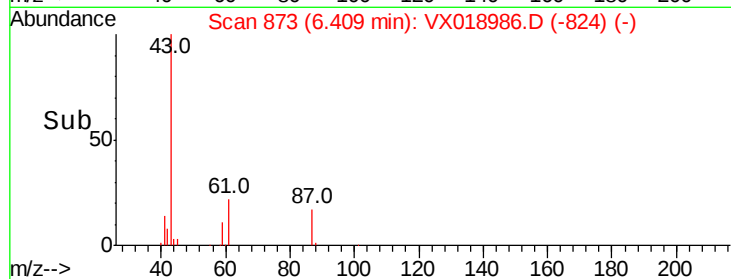
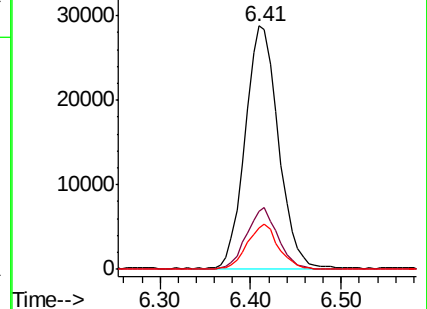
87 17.7 14.3 21.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.532 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX018986.D

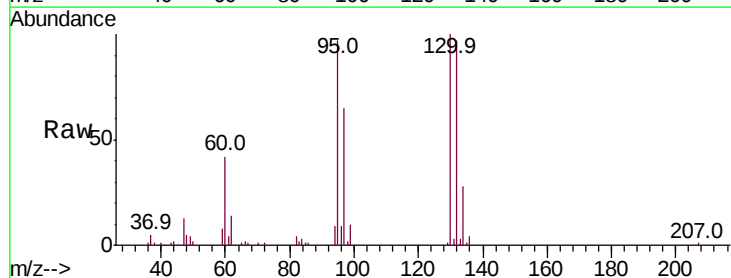
Acq: 20 Oct 2020 20:22

Tgt Ion:130 Resp: 38585

Ion Ratio Lower Upper

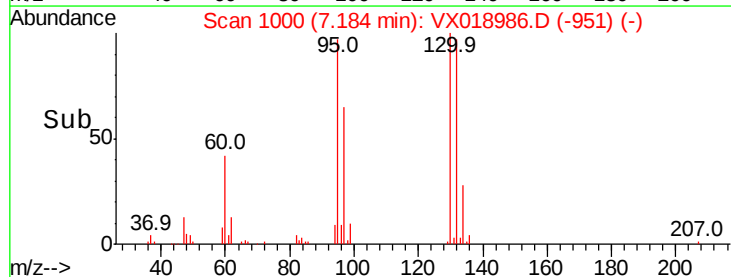
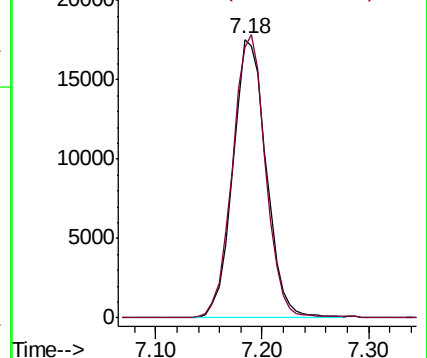
130 100

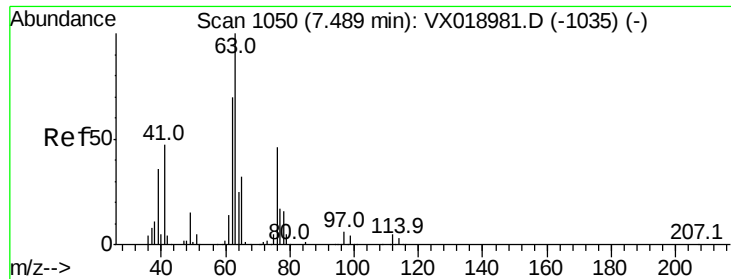
95 97.4 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.192 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

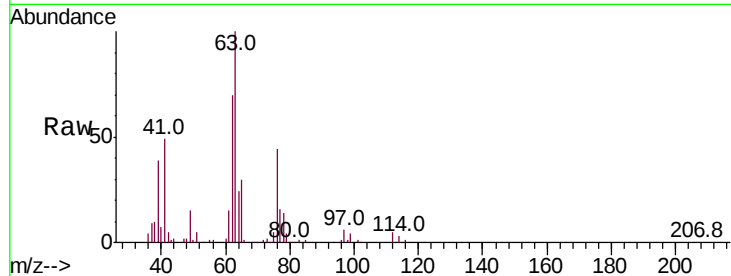
VX1020WBS01

Tot Ion: 63 Resp: 35198

Ion Ratio Lower Upper

63 100

65 29.7 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

20000

15000

10000

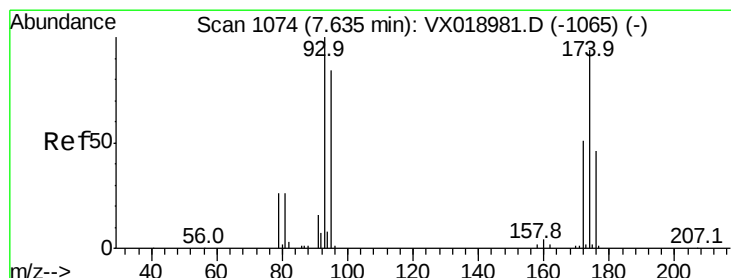
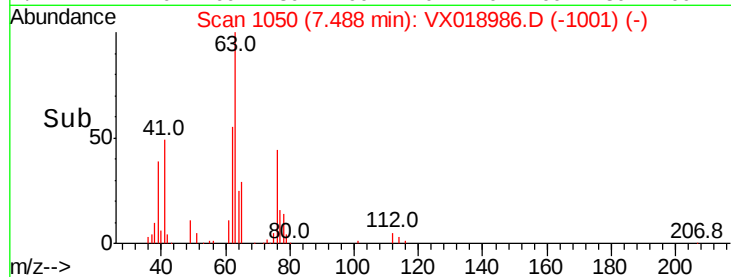
5000

0

7.49

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 17.873 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

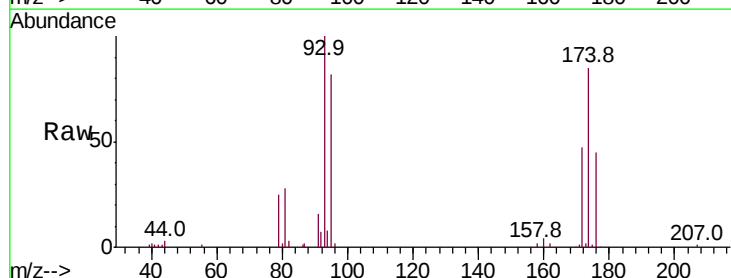
Tgt Ion: 93 Resp: 25954

Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 93.5 74.5 111.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

15000

10000

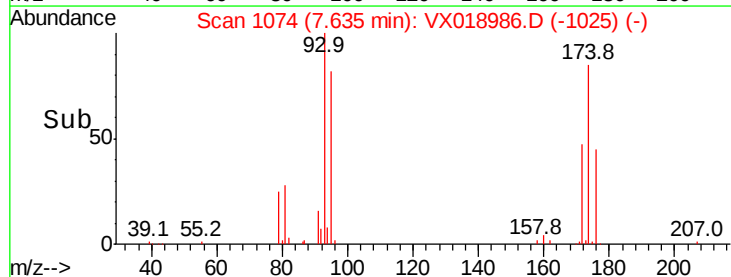
5000

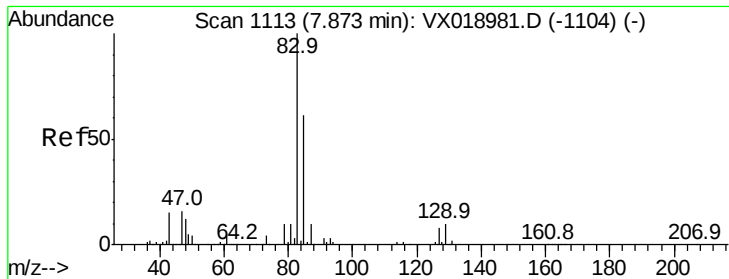
0

7.63

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 17.825 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

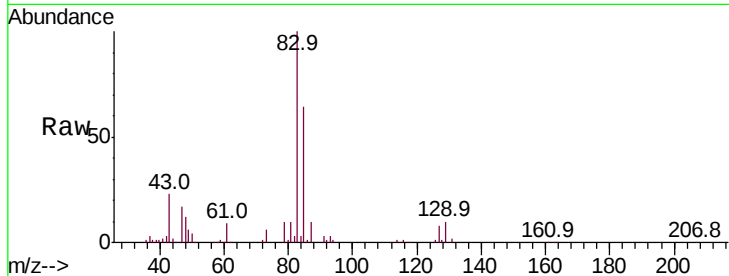
Tot Ion: 83 Resp: 51354

Ion Ratio Lower Upper

83 100

85 64.1 48.6 73.0

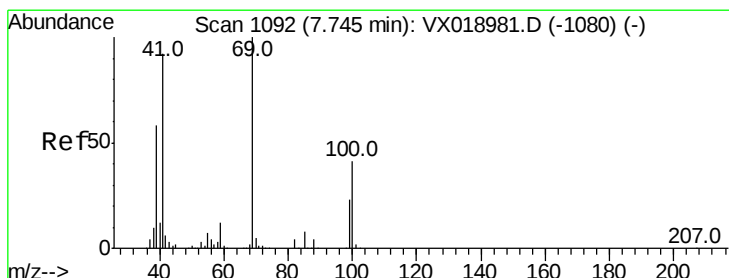
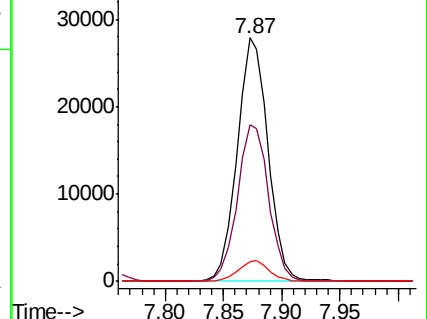
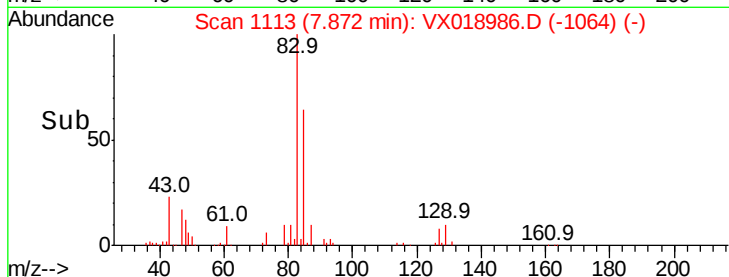
127 8.1 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.070 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

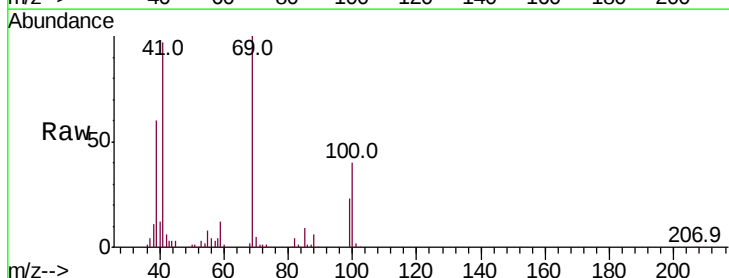
Tgt Ion: 41 Resp: 35511

Ion Ratio Lower Upper

41 100

69 105.2 88.0 132.0

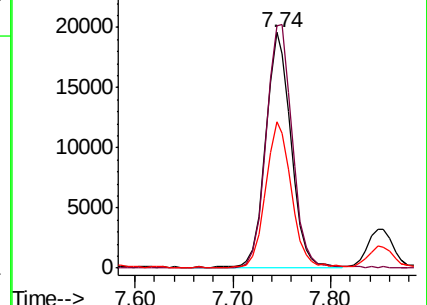
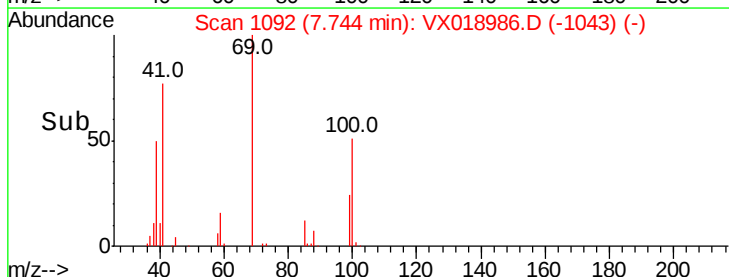
39 62.6 49.9 74.9

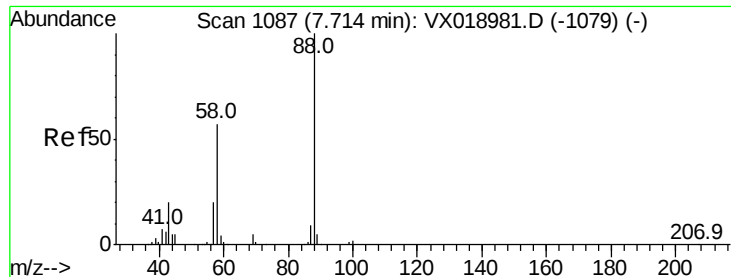


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

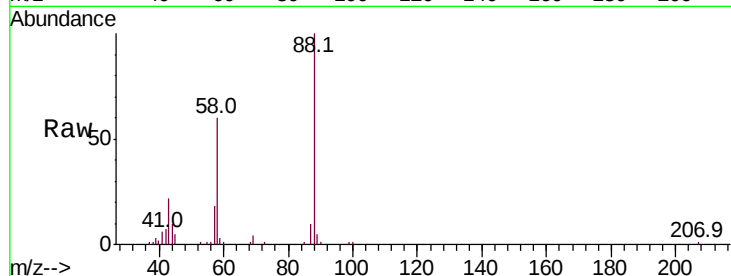




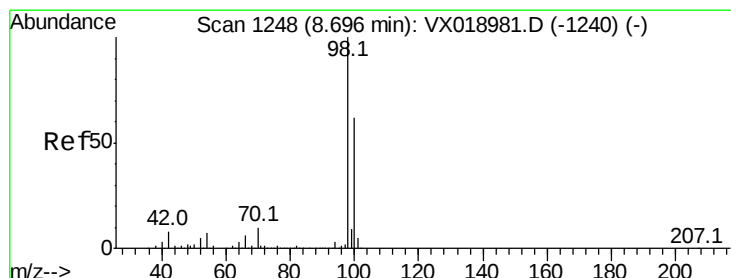
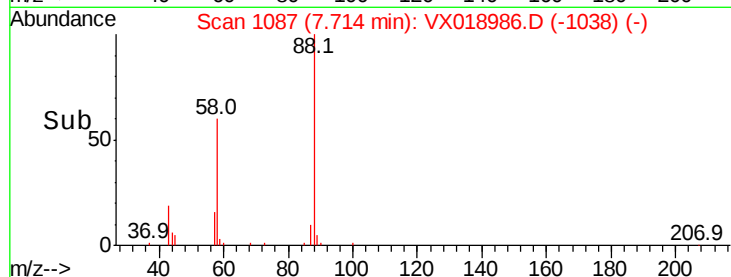
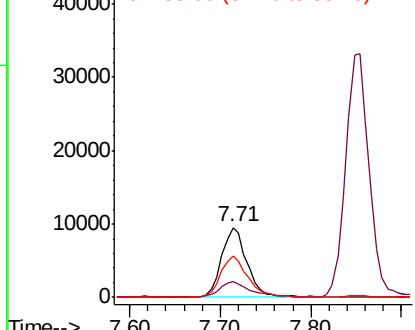
#49
1,4-Dioxane
Concen: 359.999 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampled :
VX1020WBS01

Tot Ion: 88 Resp: 18754
Ion Ratio Lower Upper
88 100
43 25.8 20.4 30.6
58 63.0 49.3 73.9

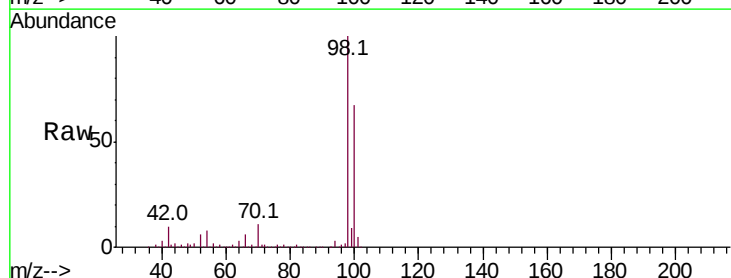


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

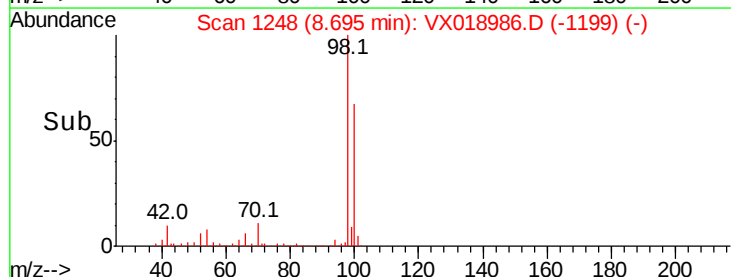
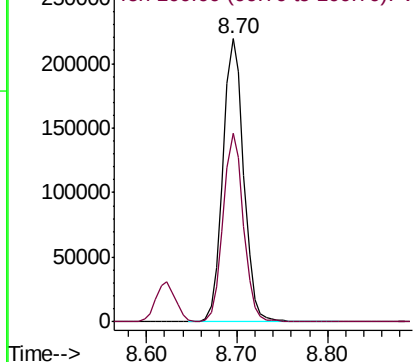


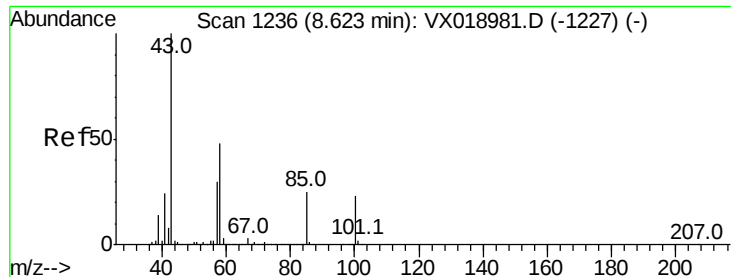
#50
Toluene-d8
Concen: 47.571 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion: 98 Resp: 350276
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



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: 92.886 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

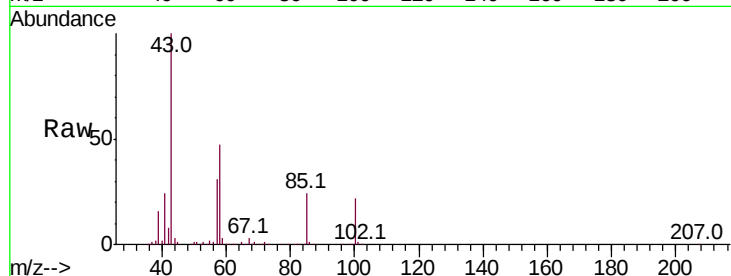
VX1020WBS01

Tot Ion: 43 Resp: 228285

Ion Ratio Lower Upper

43 100

58 46.3 37.8 56.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

150000

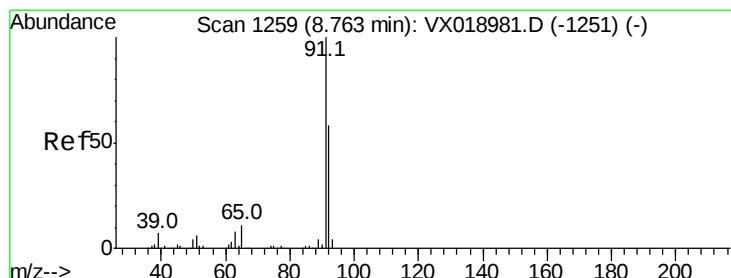
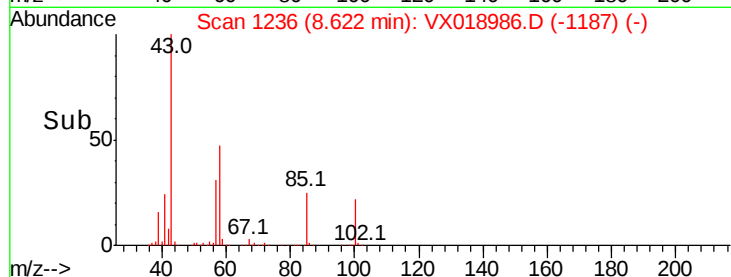
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 17.936 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018986.D

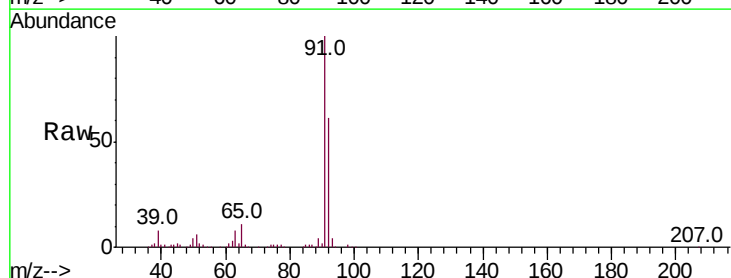
Acq: 20 Oct 2020 20:22

Tgt Ion: 92 Resp: 95364

Ion Ratio Lower Upper

92 100

91 171.2 136.5 204.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

60000

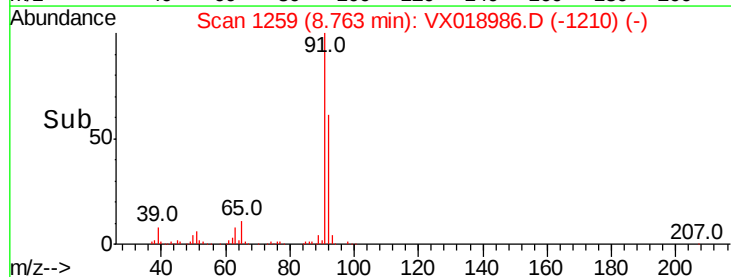
40000

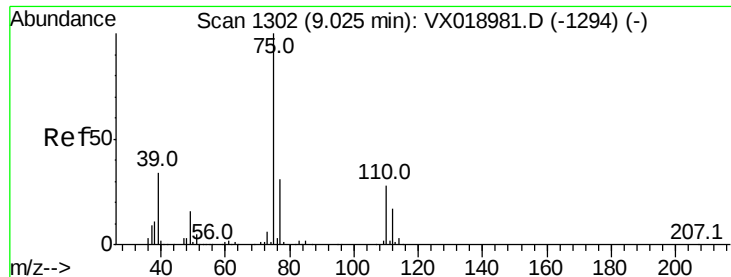
20000

0

8.70 8.75 8.80 8.85

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.591 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

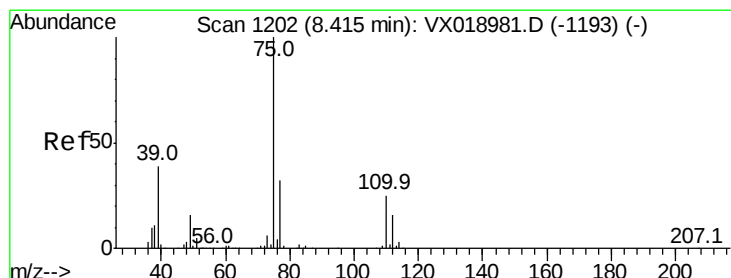
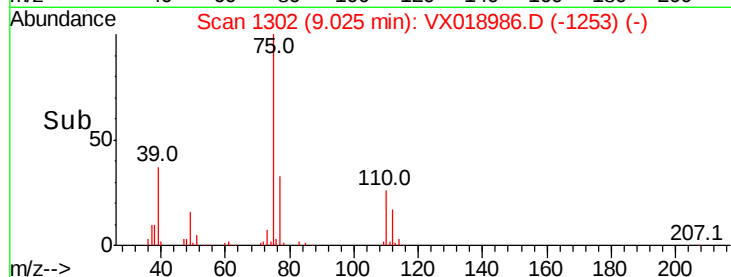
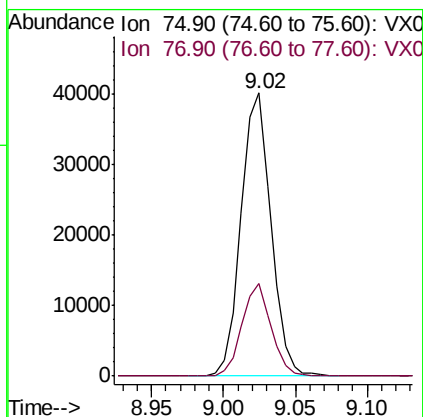
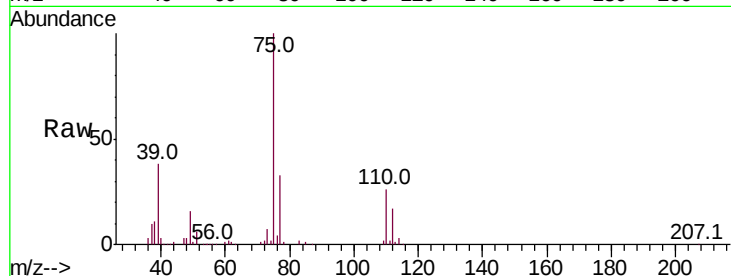
VX1020WBS01

Tot Ion: 75 Resp: 57901

Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 17.907 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

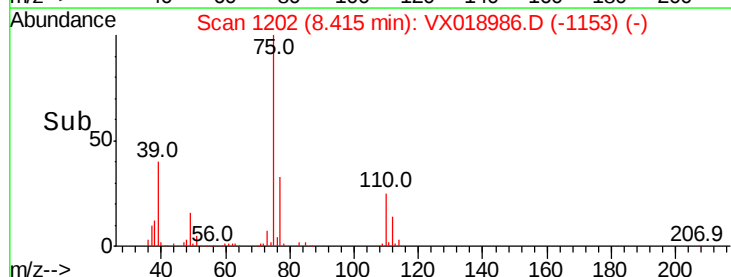
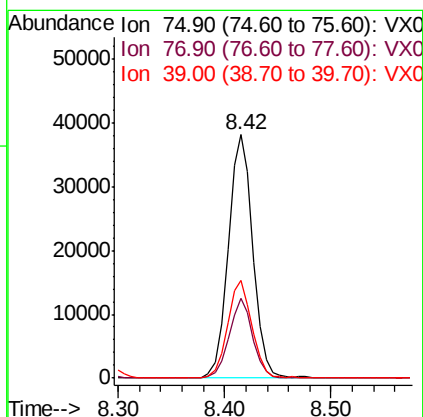
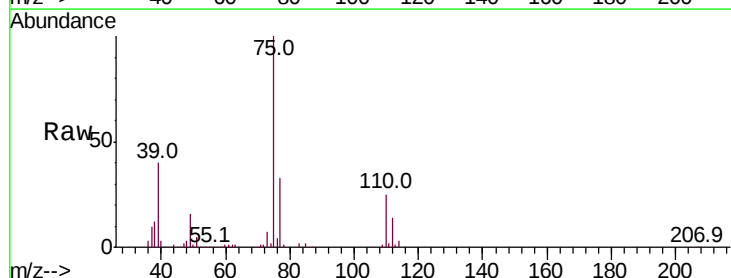
Tgt Ion: 75 Resp: 61254

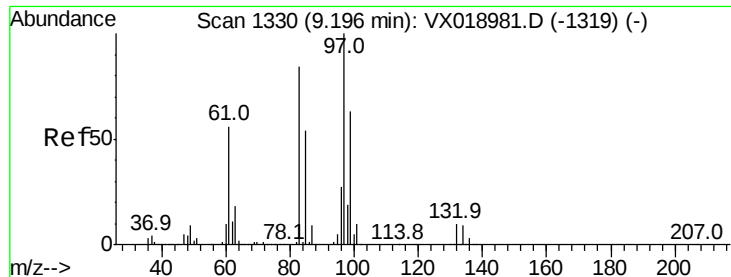
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0

39 40.3 31.3 46.9





#55

1,1,2-Trichloroethane

Concen: 17.462 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

Tot Ion: 97 Resp: 37765

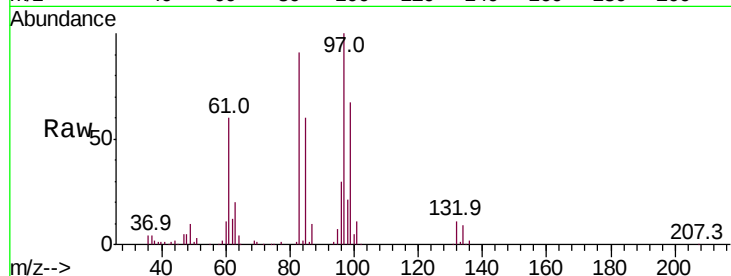
Ion	Ratio	Lower	Upper
97	100		
83	91.2	67.4	101.0
85	60.1	43.1	64.7
99	66.5	50.5	75.7

97 100

83 91.2 67.4 101.0

85 60.1 43.1 64.7

99 66.5 50.5 75.7

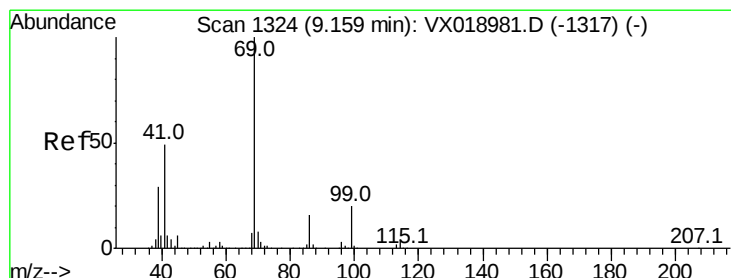
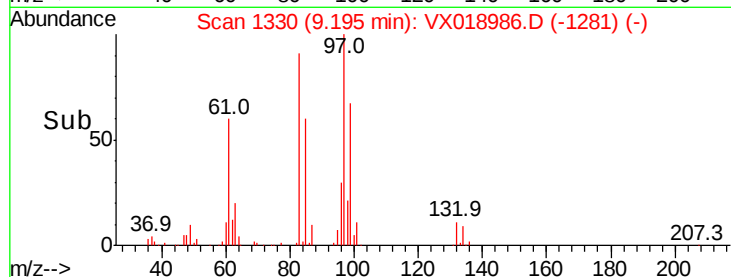
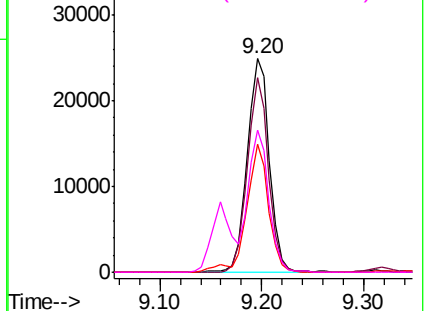


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.050 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

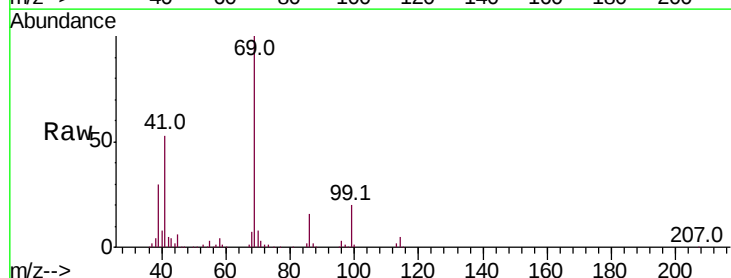
Tgt Ion: 69 Resp: 57545

Ion	Ratio	Lower	Upper
69	100		
41	53.3	39.8	59.6
39	30.9	23.8	35.6

69 100

41 53.3 39.8 59.6

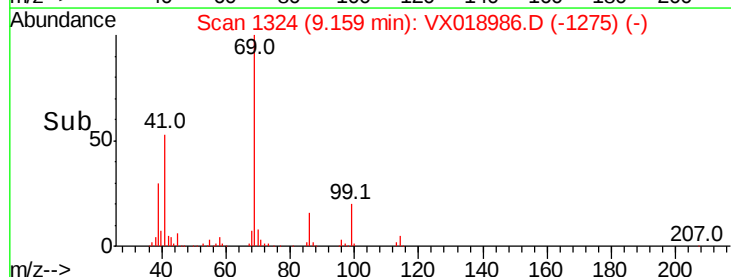
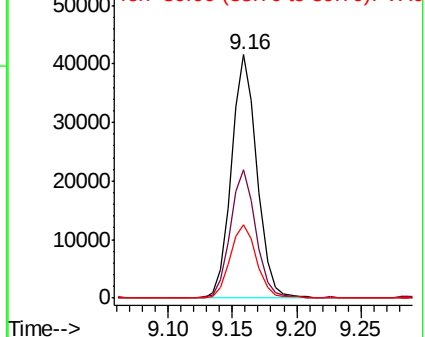
39 30.9 23.8 35.6

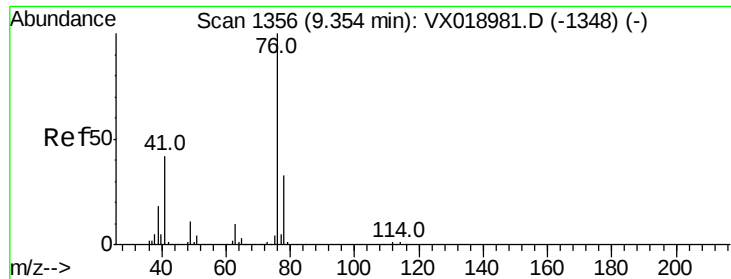


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.226 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

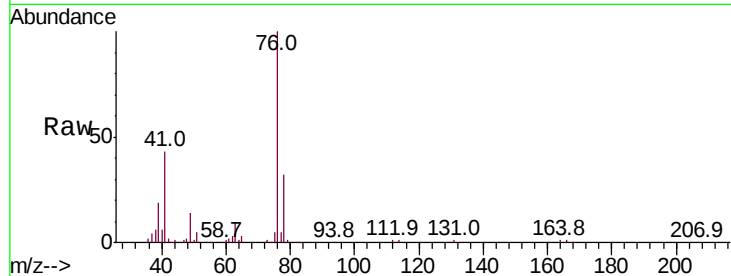
VX1020WBS01

Tot Ion: 76 Resp: 63580

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

50000

40000

30000

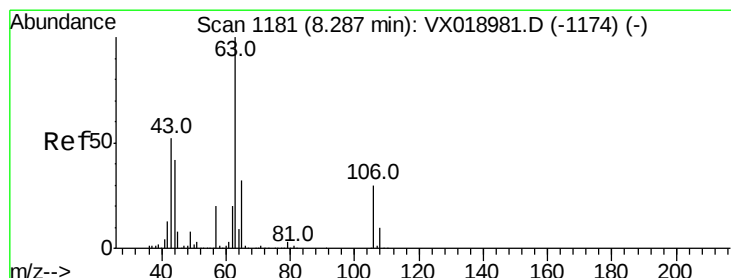
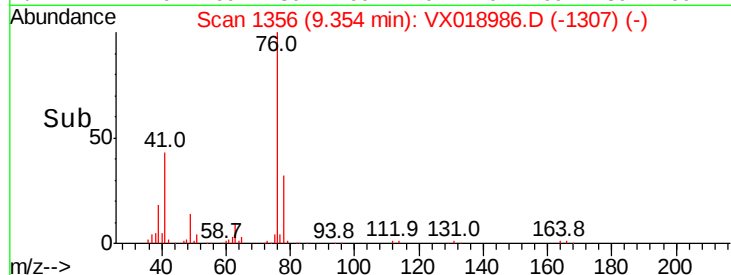
20000

10000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 92.809 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX018986.D

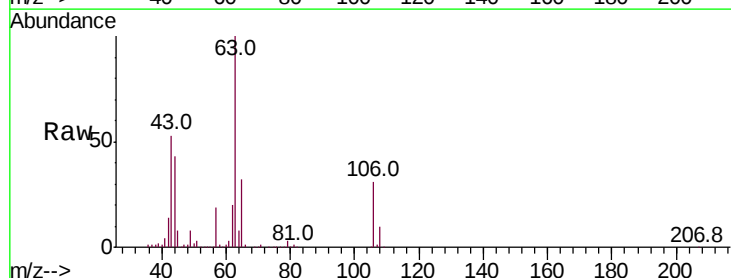
Acq: 20 Oct 2020 20:22

Tgt Ion: 63 Resp: 152419

Ion Ratio Lower Upper

63 100

106 30.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

100000

80000

60000

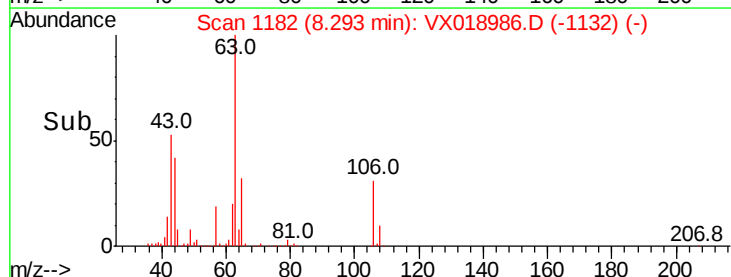
40000

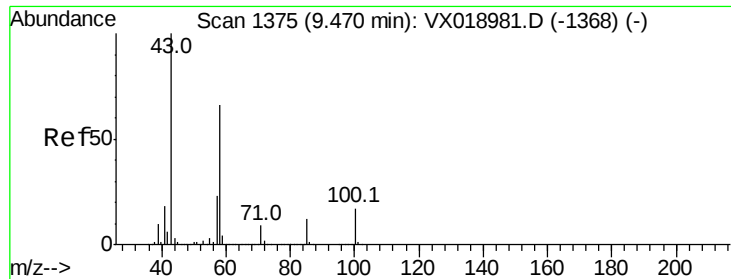
20000

0

8.20 8.25 8.30 8.35 8.40

Time-->

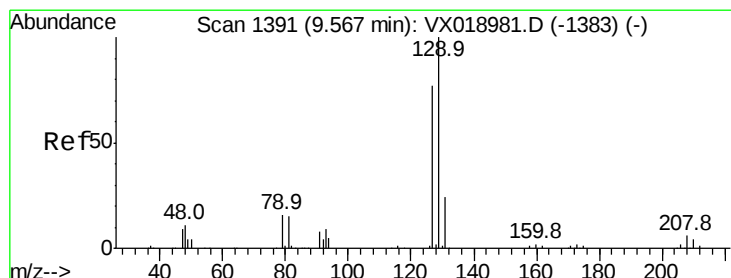
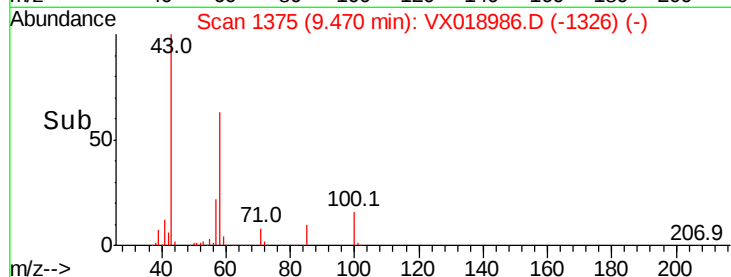
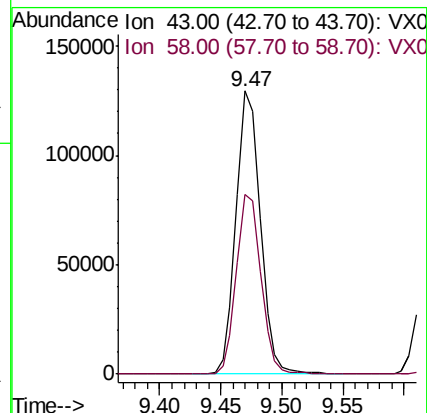
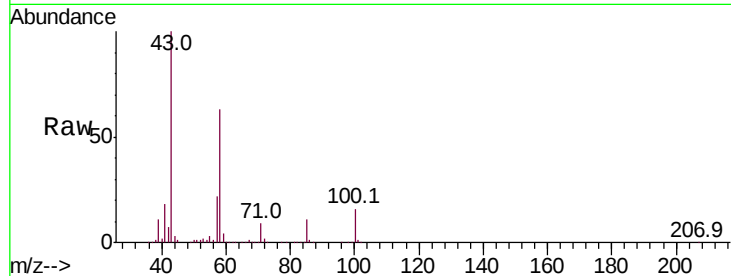




#59
2-Hexanone
Concen: 93.059 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

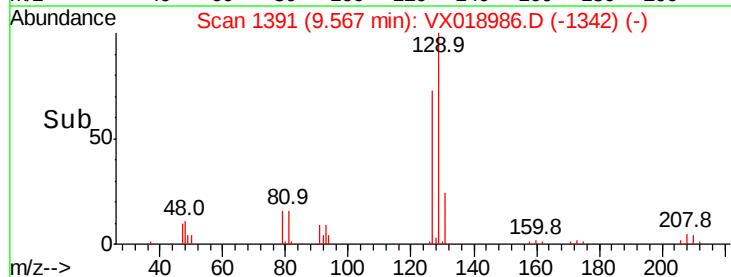
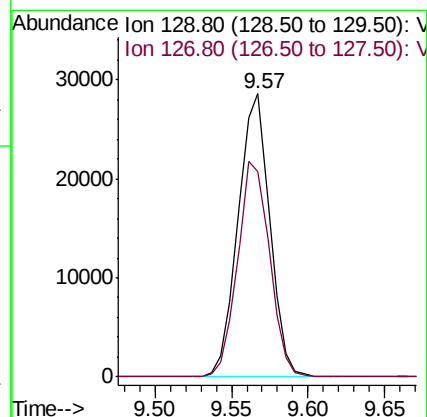
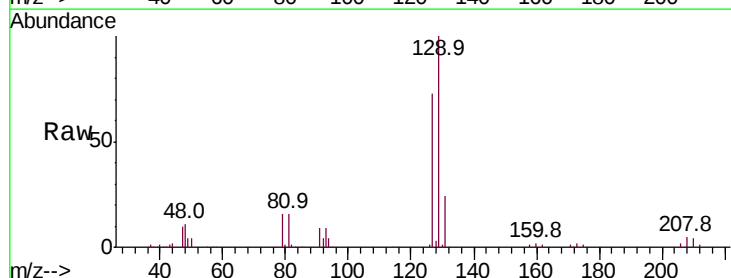
Instrument :
MSVOA_X
ClientSampled :
VX1020WBS01

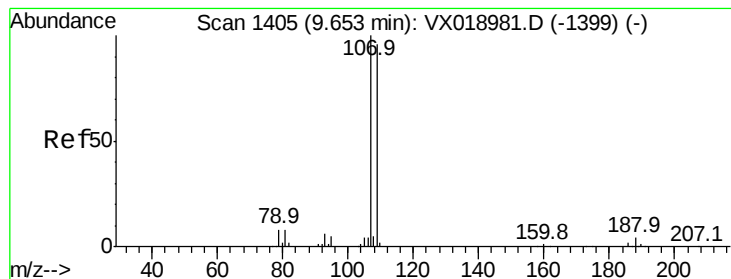
Tot Ion: 43 Resp: 177608
Ion Ratio Lower Upper
43 100
58 64.4 33.0 99.0



#60
Dibromochloromethane
Concen: 17.191 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion: 129 Resp: 41058
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61

1,2-Dibromoethane

Concen: 17.778 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

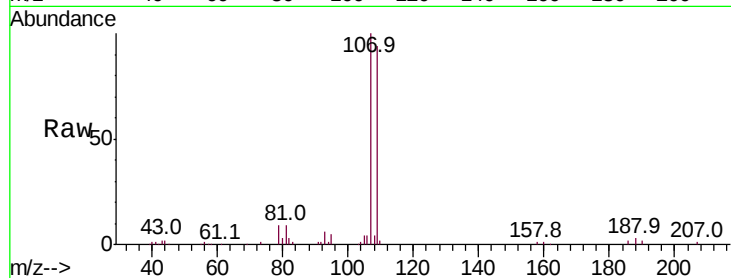
VX1020WBS01

Tot Ion:107 Resp: 41246

Ion Ratio Lower Upper

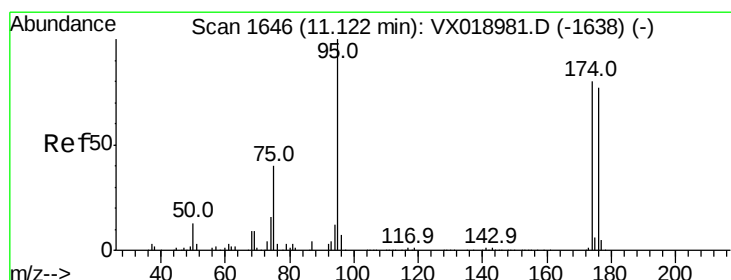
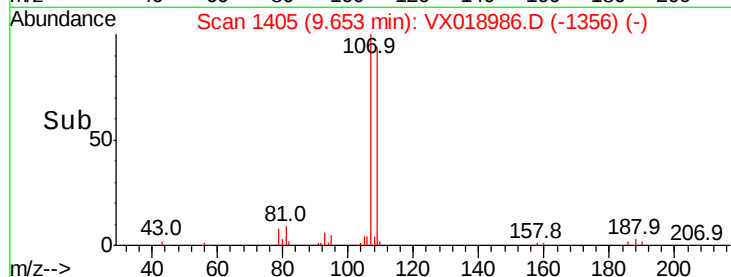
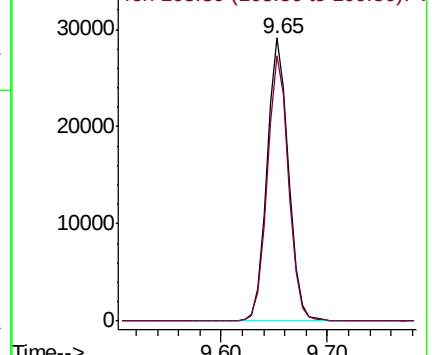
107 100

109 92.9 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.152 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

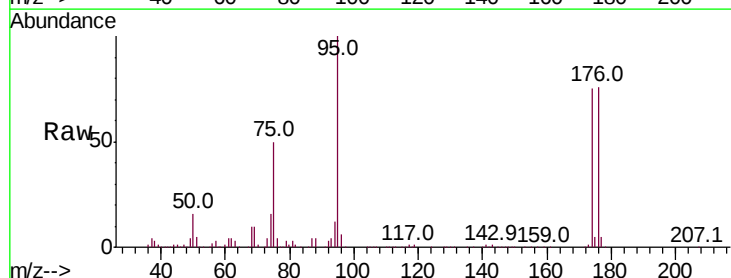
Tgt Ion: 95 Resp: 132737

Ion Ratio Lower Upper

95 100

174 73.7 0.0 159.8

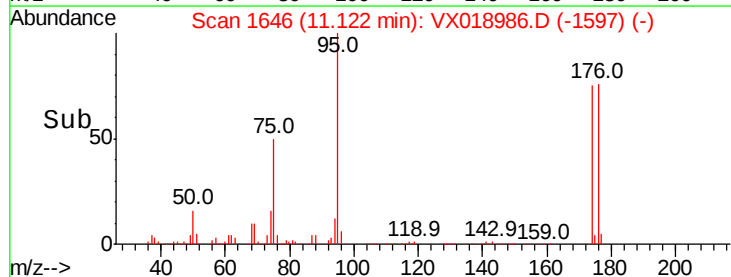
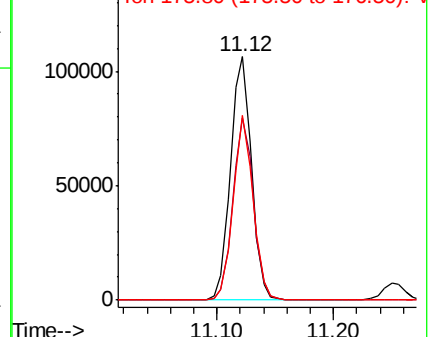
176 72.2 0.0 152.8

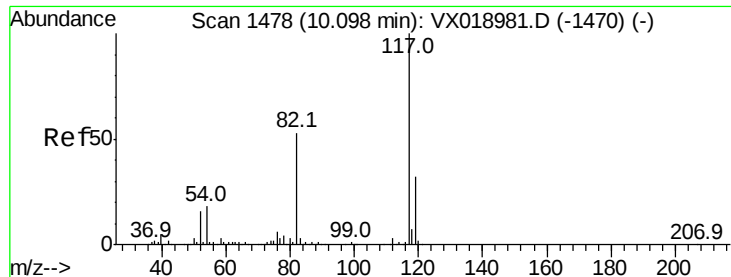


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

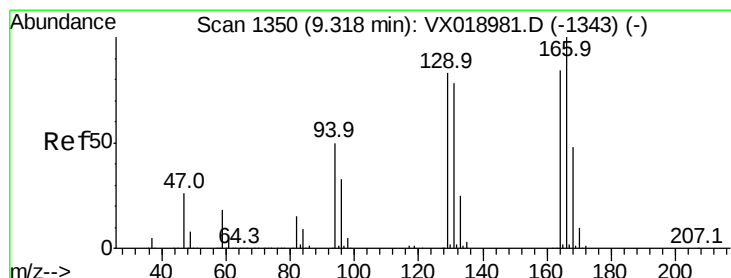
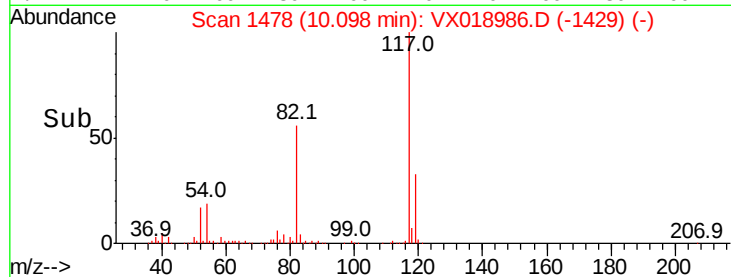
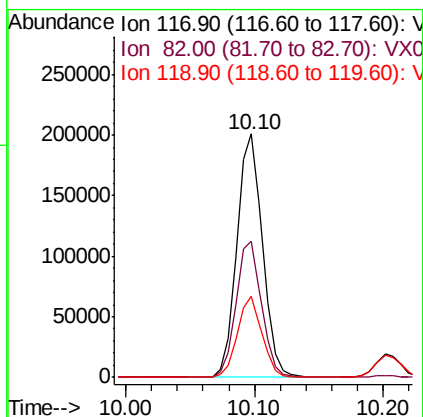
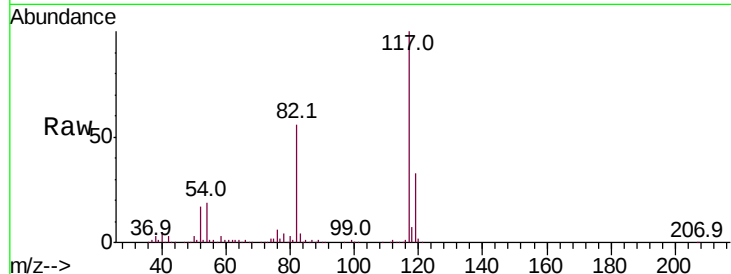




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

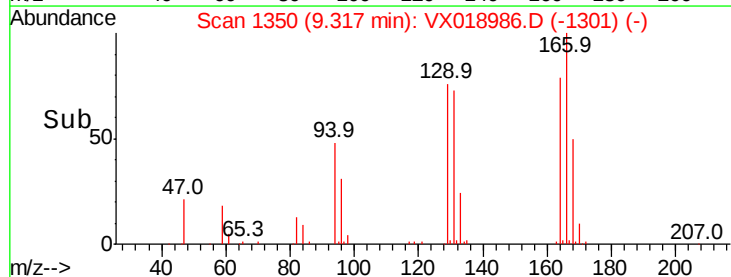
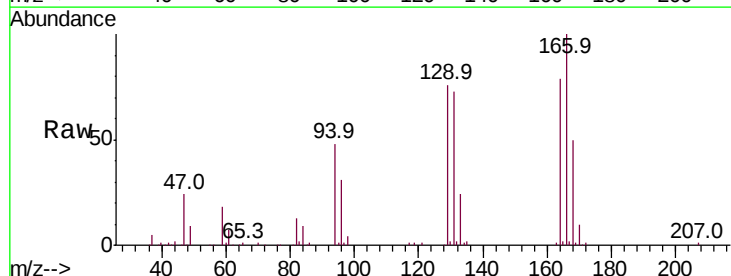
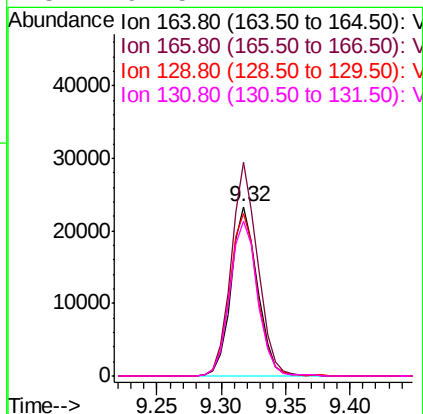
Instrument :
MSVOA_X
ClientSampled :
VX1020WBS01

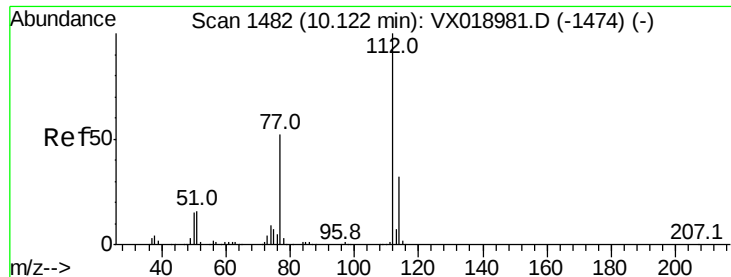
Tot Ion:117 Resp: 275921
Ion Ratio Lower Upper
117 100
82 55.9 42.2 63.4
119 33.1 25.8 38.8



#64
Tetrachloroethene
Concen: 17.152 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion:164 Resp: 33347
Ion Ratio Lower Upper
164 100
166 126.0 95.2 142.8
129 95.9 79.4 119.0
131 91.5 74.2 111.2

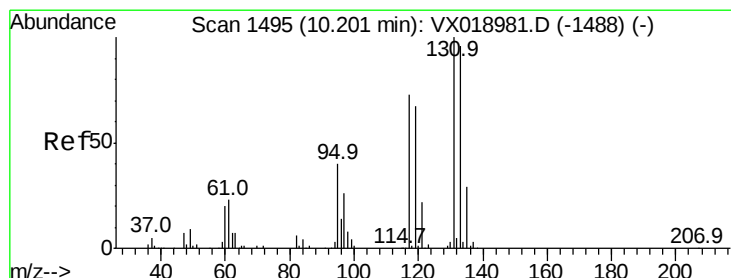
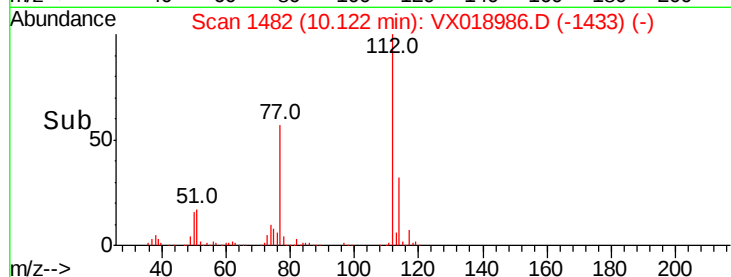
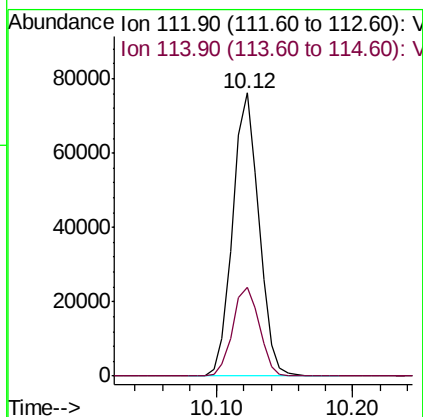
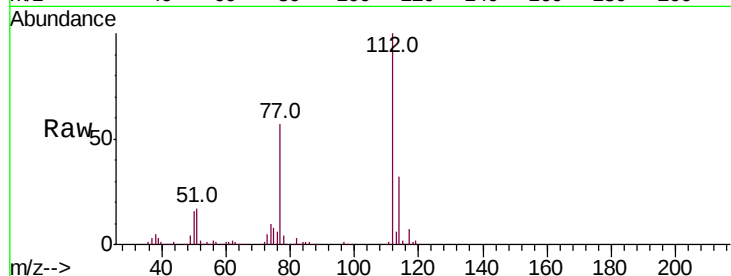




#65
Chlorobenzene
Concen: 17.653 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

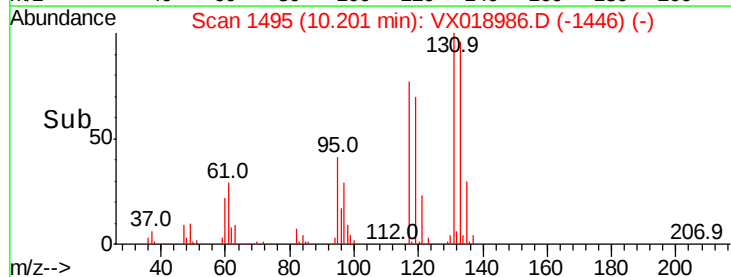
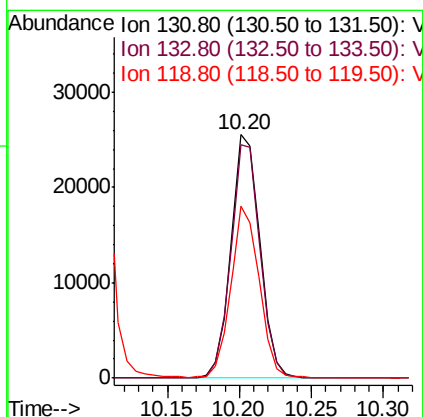
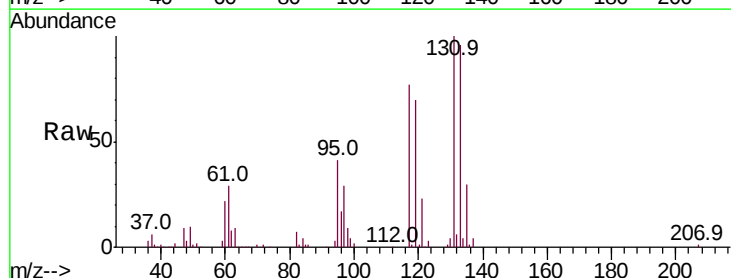
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

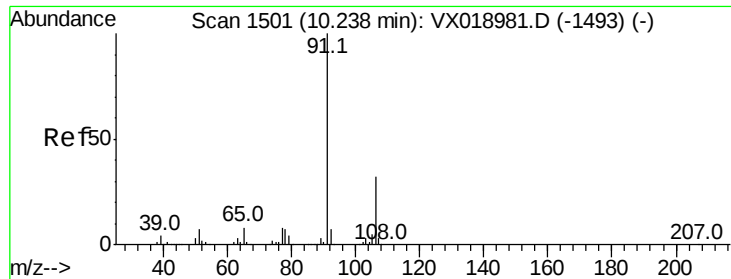
Tot Ion:112 Resp: 102674
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 17.431 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion:131 Resp: 36133
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.2
119 69.3 33.6 100.6

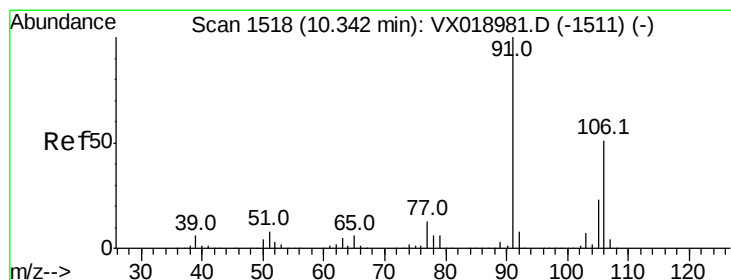
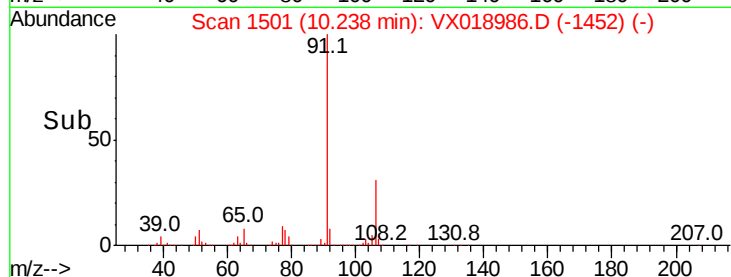
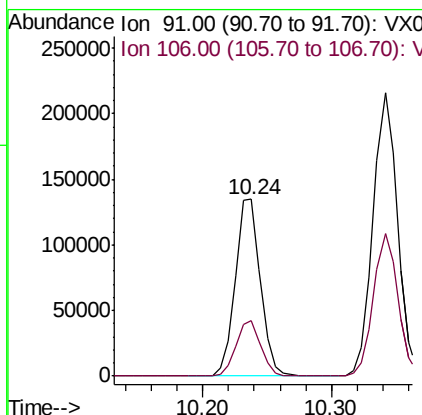
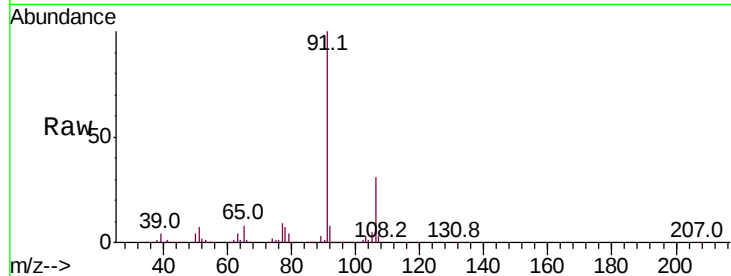




#67
Ethyl Benzene
Concen: 18.240 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

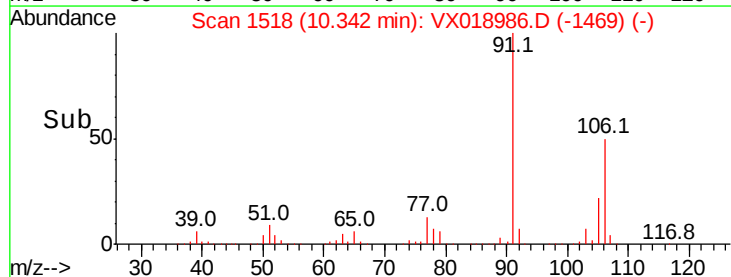
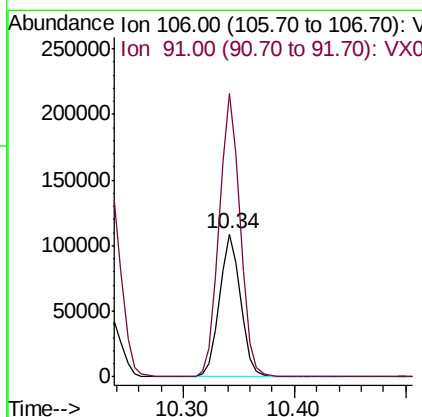
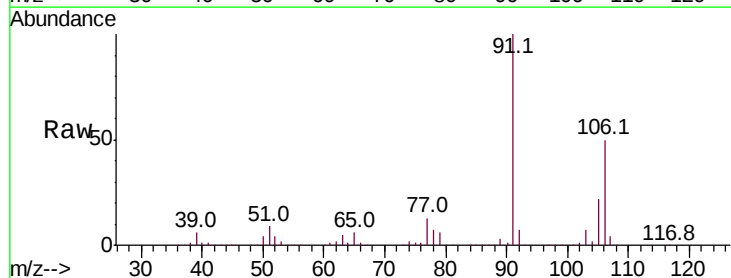
Instrument :
MSVOA_X
ClientSampled :
VX1020WBS01

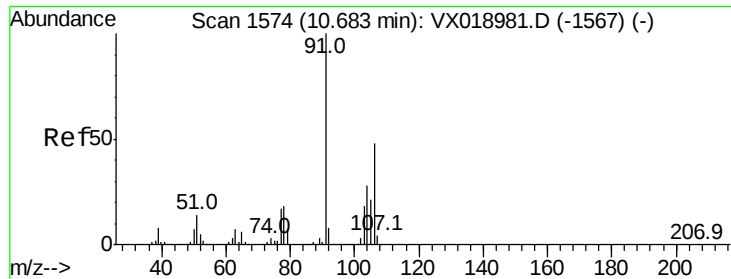
Tot Ion: 91 Resp: 183841
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.8



#68
m/p-Xylenes
Concen: 35.854 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion: 106 Resp: 142453
Ion Ratio Lower Upper
106 100
91 198.0 157.9 236.9

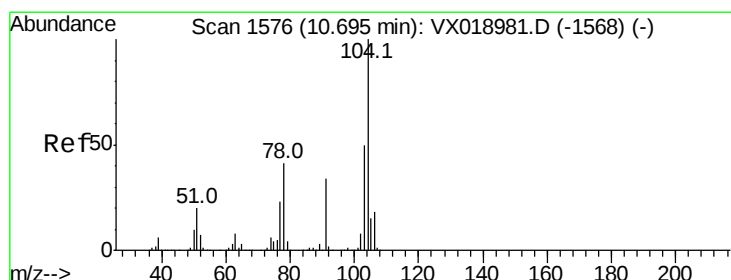
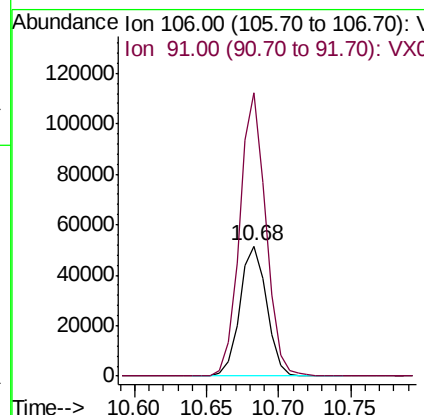
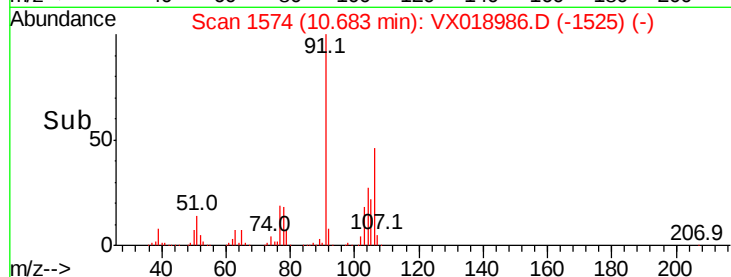
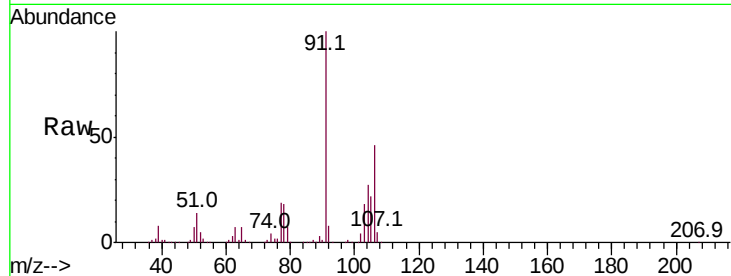




#69
o-Xylene
Concen: 17.649 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

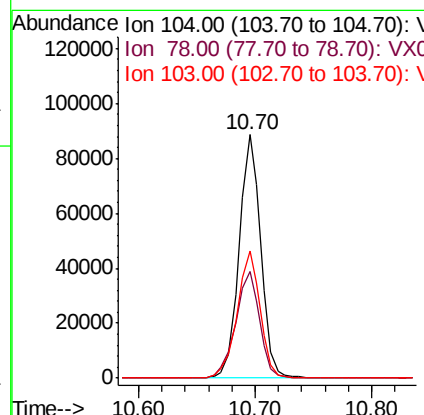
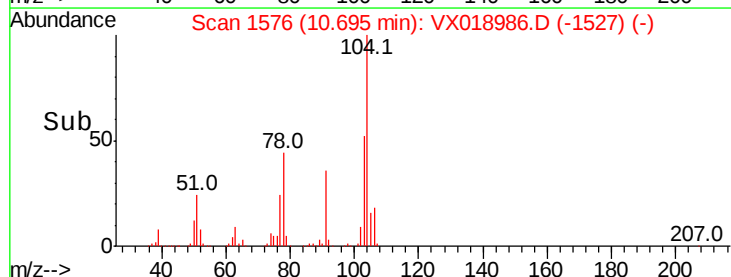
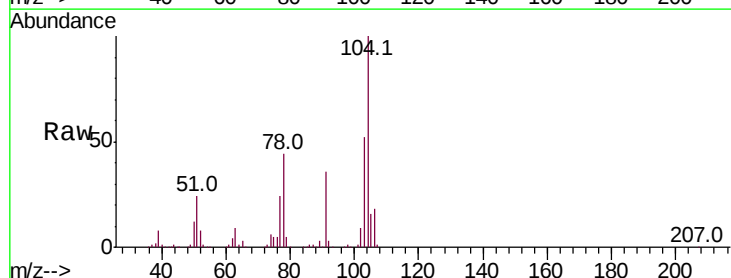
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

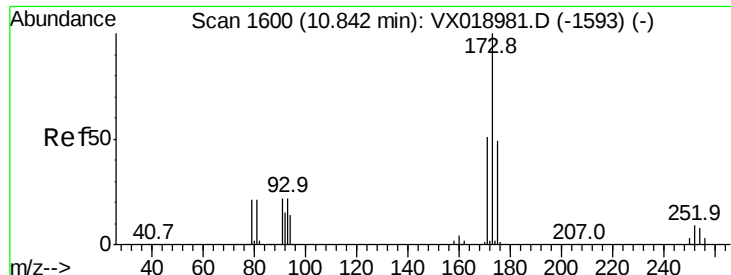
Tot Ion:106 Resp: 67162
Ion Ratio Lower Upper
106 100
91 211.4 105.5 316.5



#70
Styrene
Concen: 17.560 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion:104 Resp: 114625
Ion Ratio Lower Upper
104 100
78 48.5 37.4 56.0
103 55.4 43.7 65.5





#71

Bromoform

Concen: 16.448 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

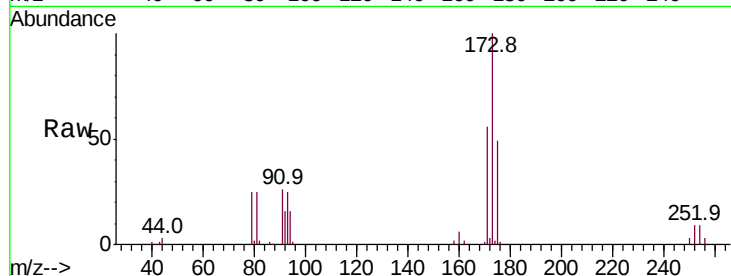
Tot Ion:173 Resp: 28501

Ion Ratio Lower Upper

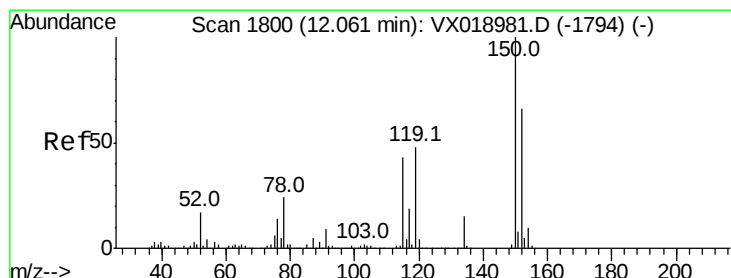
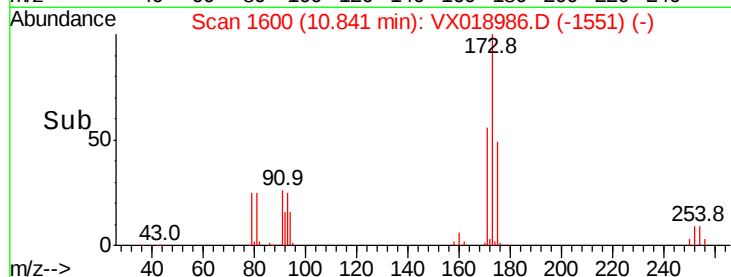
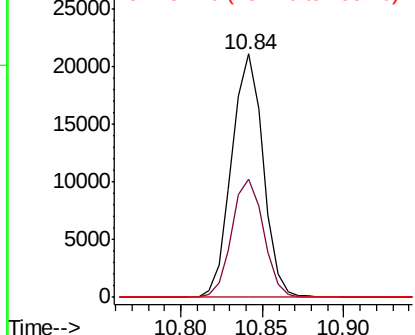
173 100

175 48.8 24.8 74.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

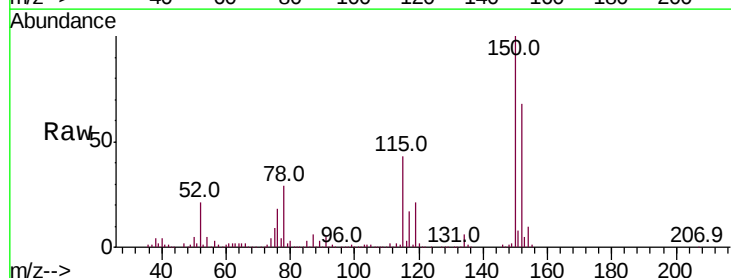
Tgt Ion:152 Resp: 141096

Ion Ratio Lower Upper

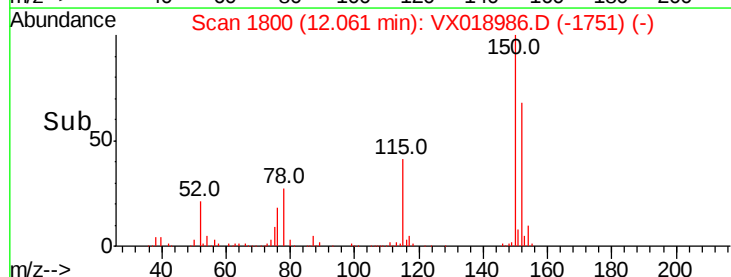
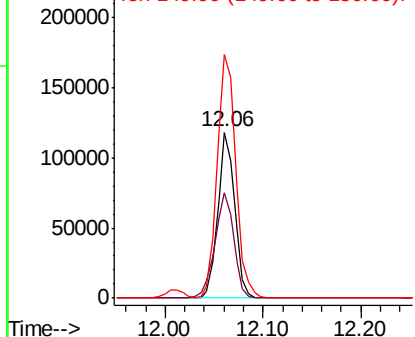
152 100

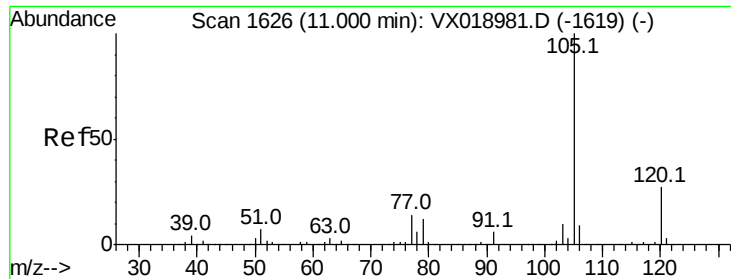
115 71.3 41.2 123.6

150 161.8 0.0 345.6



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





#73

Isopropylbenzene

Concen: 18.985 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

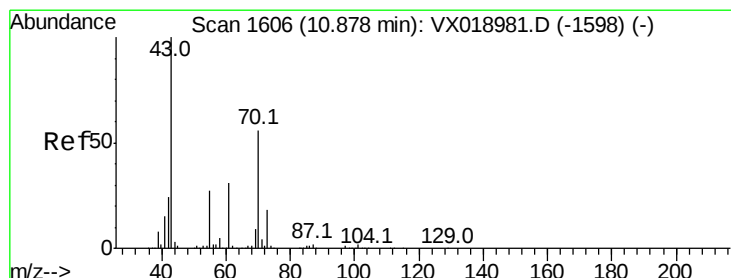
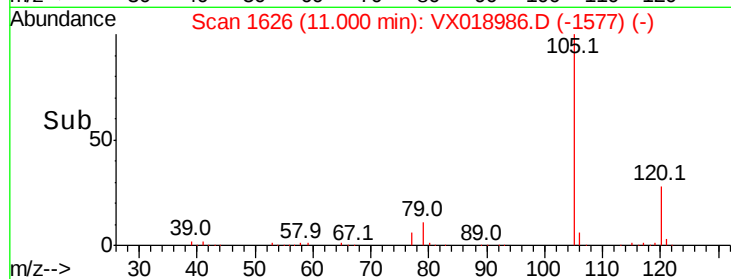
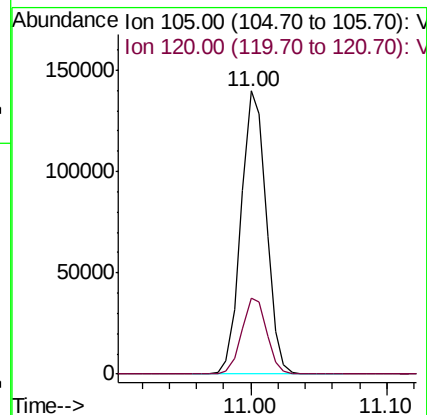
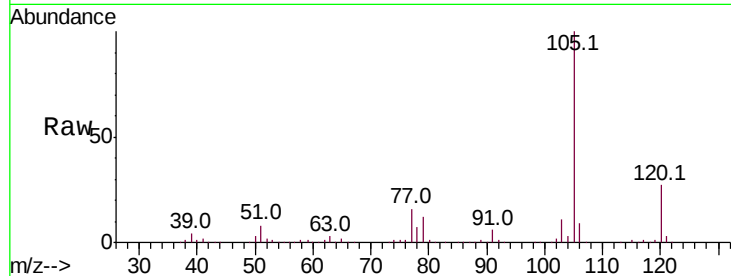
VX1020WBS01

Tot Ion:105 Resp: 180683

Ion Ratio Lower Upper

105 100

120 26.4 13.6 40.7



#74

N-ethyl acetate

Concen: 18.976 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Tgt Ion: 43 Resp: 61711

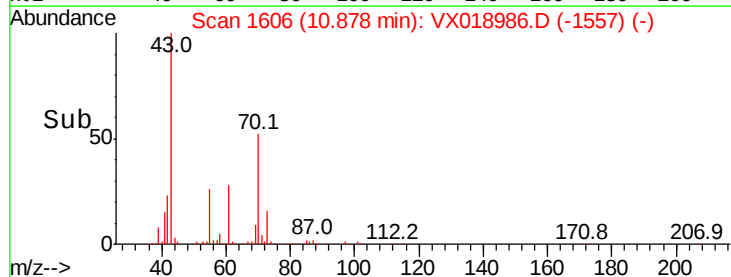
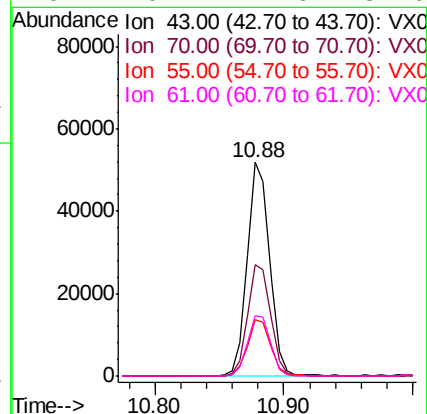
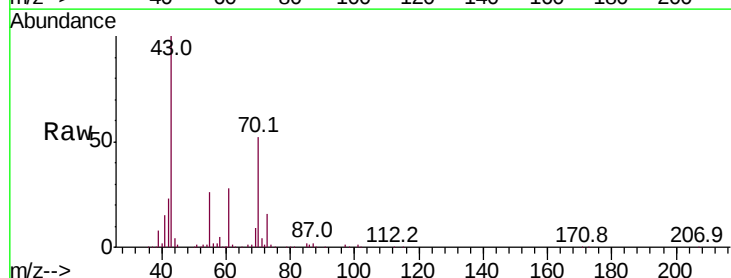
Ion Ratio Lower Upper

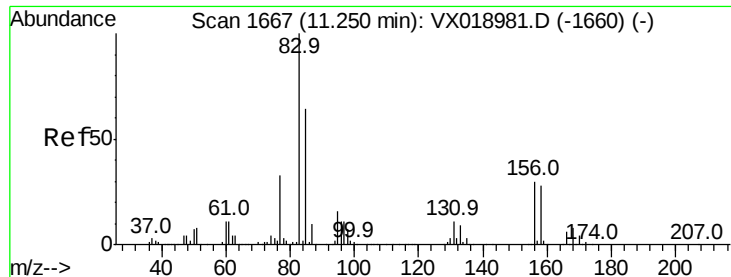
43 100

70 53.5 45.9 68.9

55 27.6 21.9 32.9

61 29.2 24.6 37.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.271 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

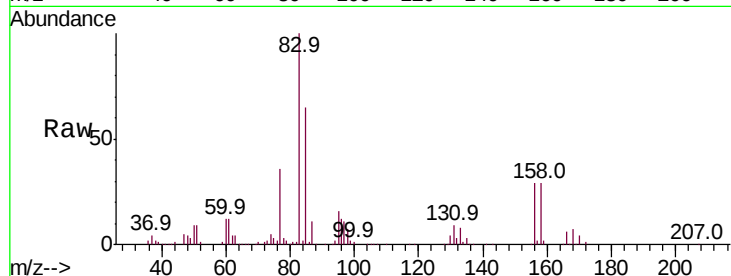
Tot Ion: 83 Resp: 61751

Ion Ratio Lower Upper

83 100

131 9.8 5.4 16.2

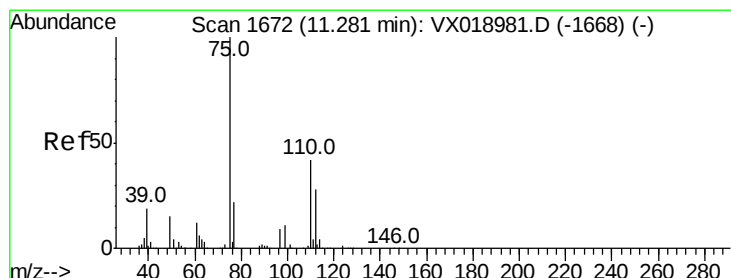
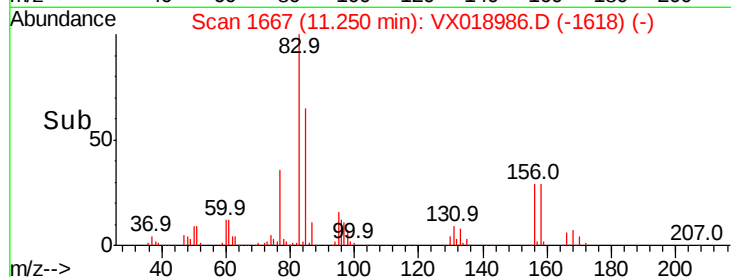
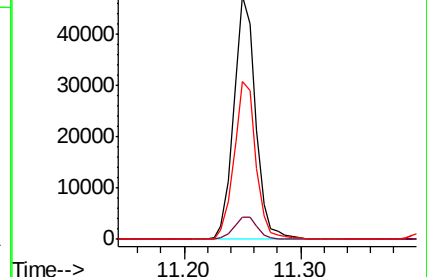
85 65.4 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.198 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018986.D

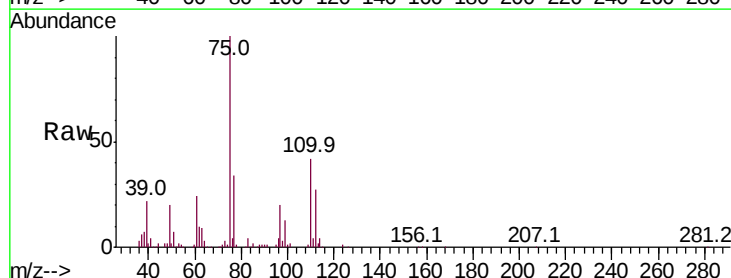
Acq: 20 Oct 2020 20:22

Tgt Ion: 75 Resp: 70174

Ion Ratio Lower Upper

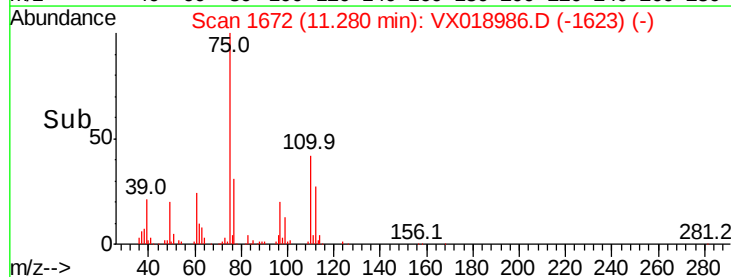
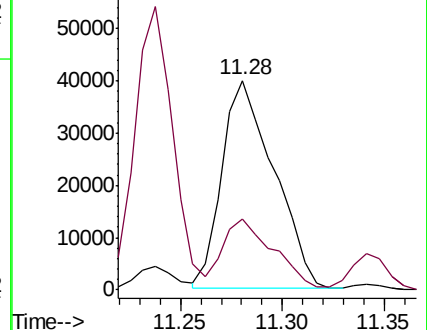
75 100

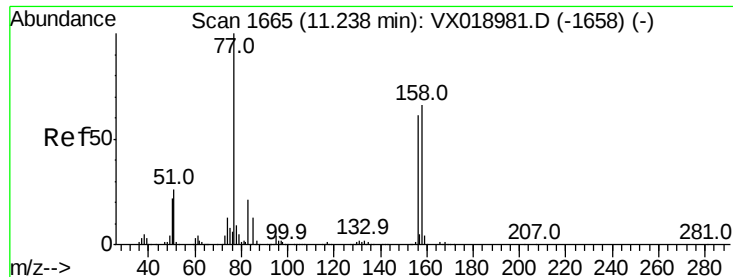
77 33.3 20.6 61.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.854 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

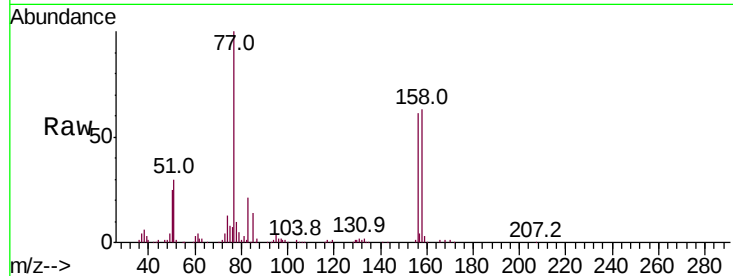
Tot Ion:156 Resp: 42244

Ion Ratio Lower Upper

156 100

77 166.9 78.5 235.3

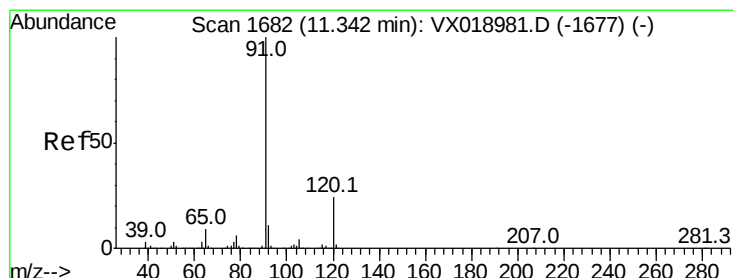
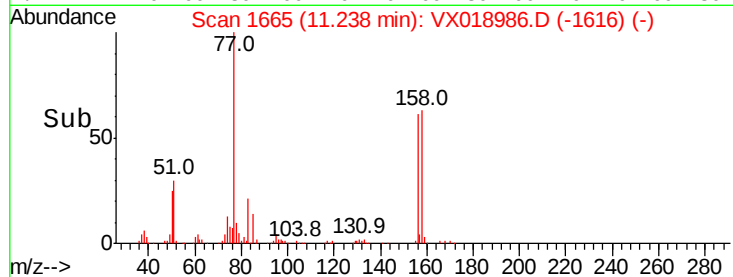
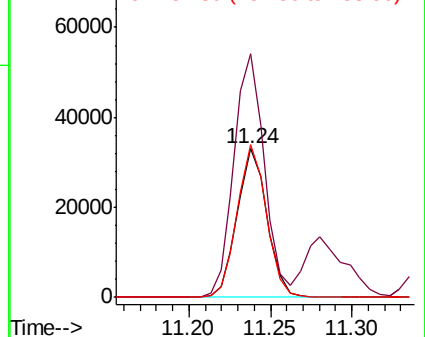
158 100.5 50.2 150.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.992 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018986.D

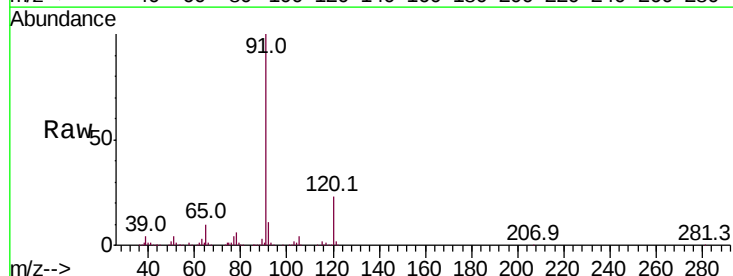
Acq: 20 Oct 2020 20:22

Tgt Ion: 91 Resp: 207797

Ion Ratio Lower Upper

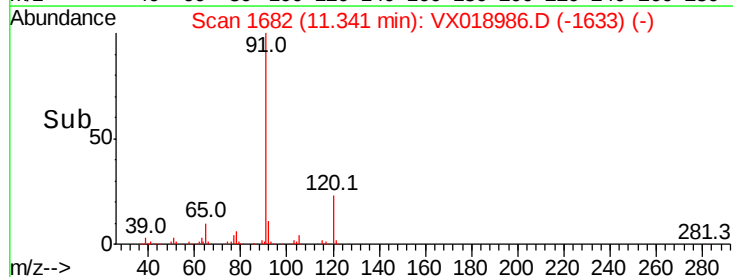
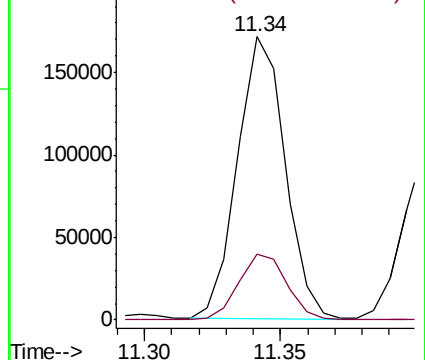
91 100

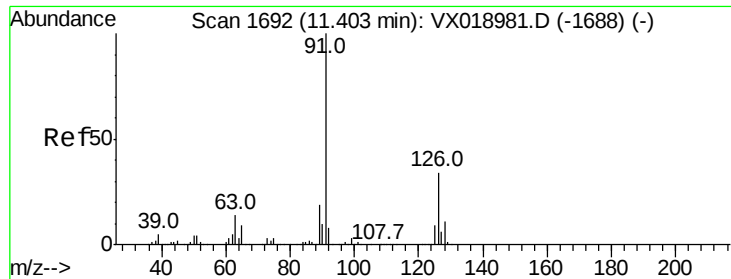
120 23.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.240 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

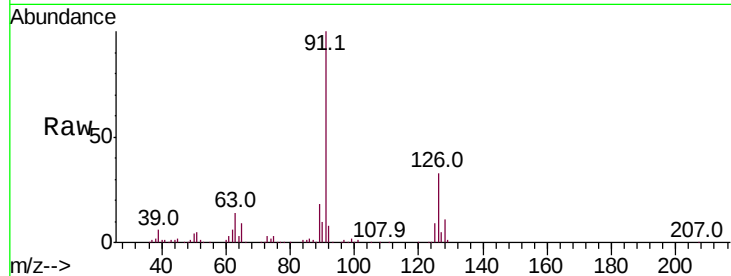
VX1020WBS01

Tot Ion: 91 Resp: 124130

Ion Ratio Lower Upper

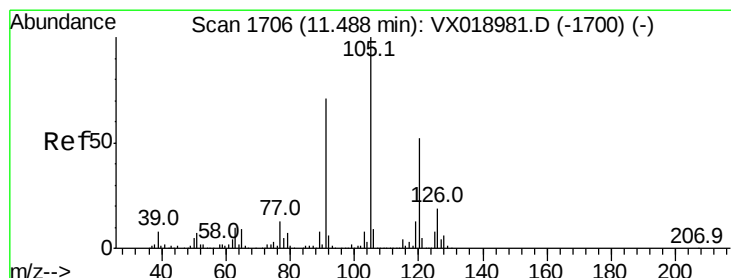
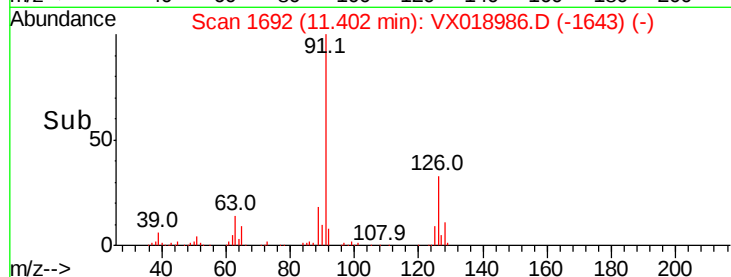
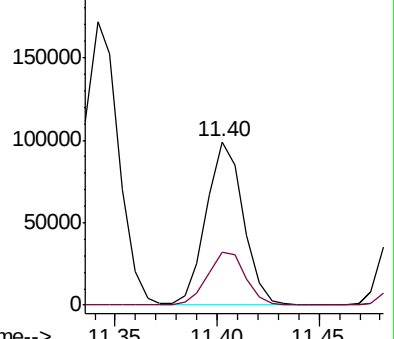
91 100

126 33.4 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX018981.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX018981.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.055 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX018986.D

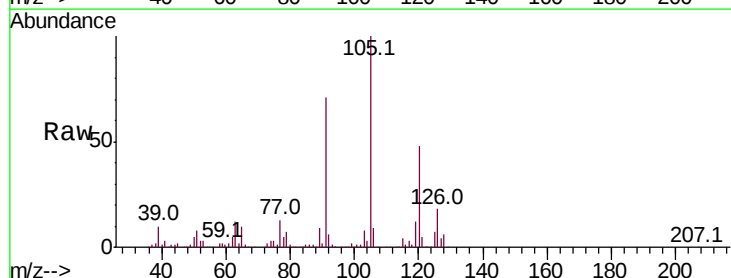
Acq: 20 Oct 2020 20:22

Tgt Ion:105 Resp: 156068

Ion Ratio Lower Upper

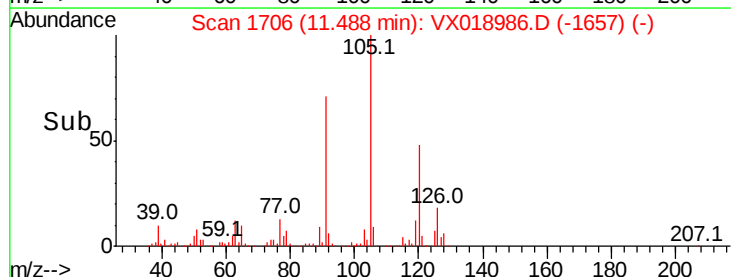
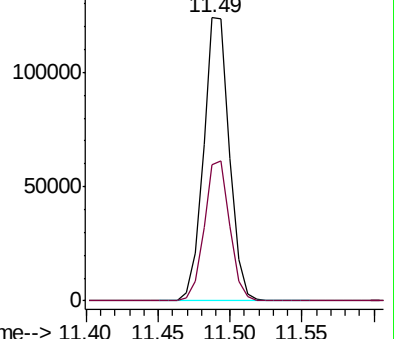
105 100

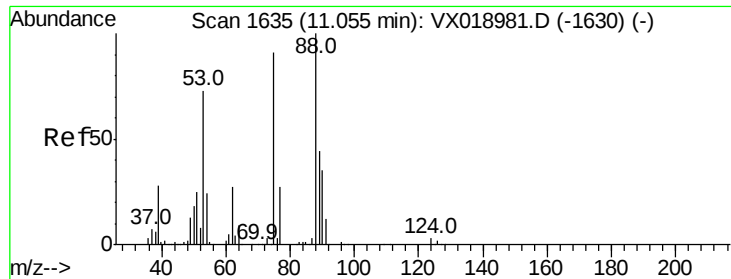
120 48.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX018981.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX018981.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.060 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

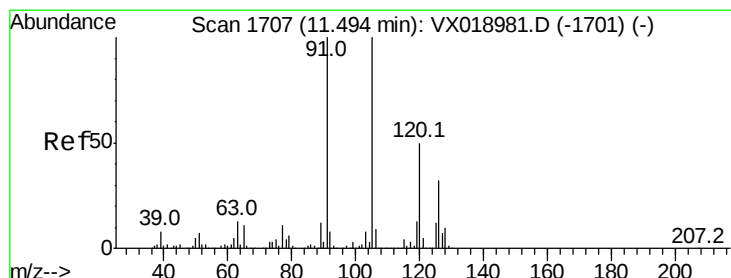
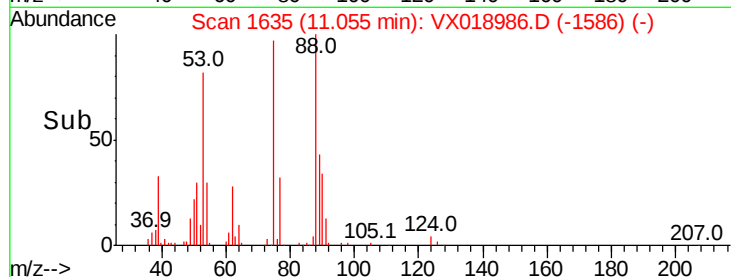
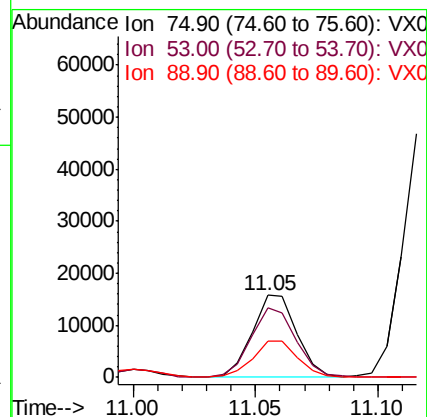
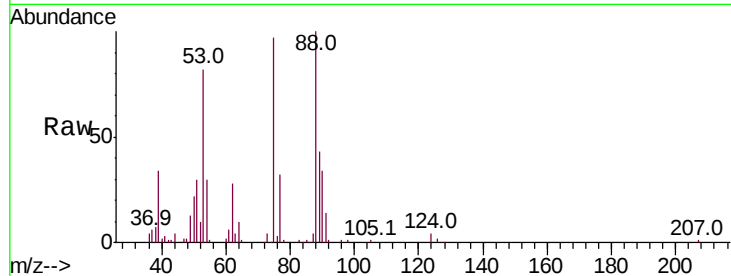
Tot Ion: 75 Resp: 19855

Ion Ratio Lower Upper

75 100

53 86.4 63.9 95.9

89 45.1 39.9 59.9



#82

4-Chlorotoluene

Concen: 18.906 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018986.D

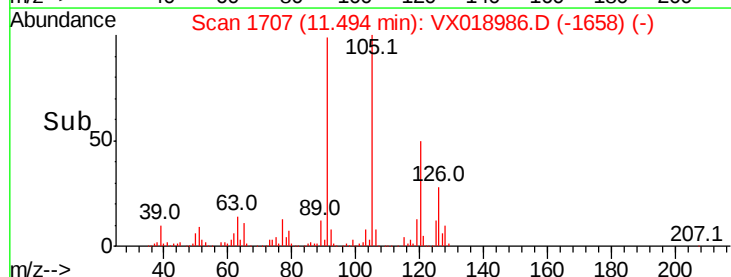
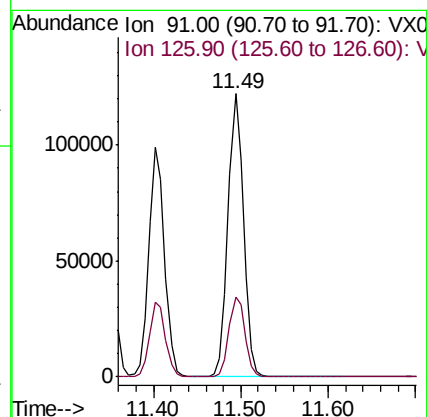
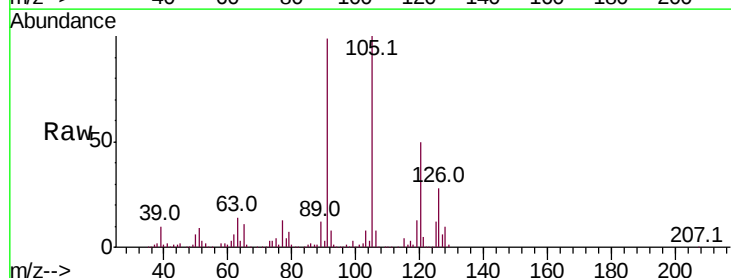
Acq: 20 Oct 2020 20:22

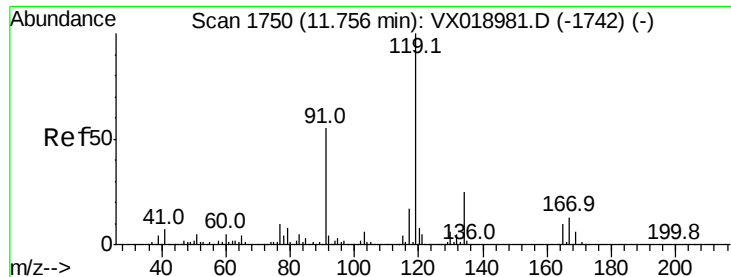
Tgt Ion: 91 Resp: 149610

Ion Ratio Lower Upper

91 100

126 29.3 15.9 47.6





#83

tert-Butylbenzene

Concen: 18.719 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampled :

VX1020WBS01

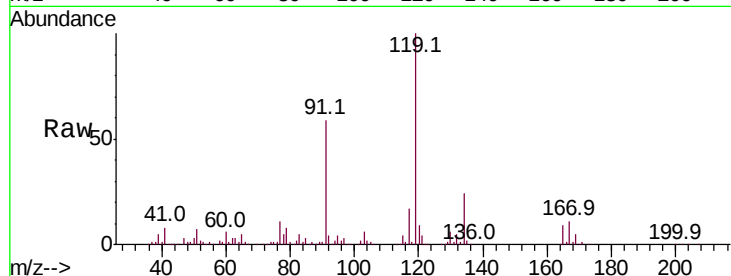
Tot Ion:119 Resp: 149304

Ion Ratio Lower Upper

119 100

91 58.3 27.5 82.4

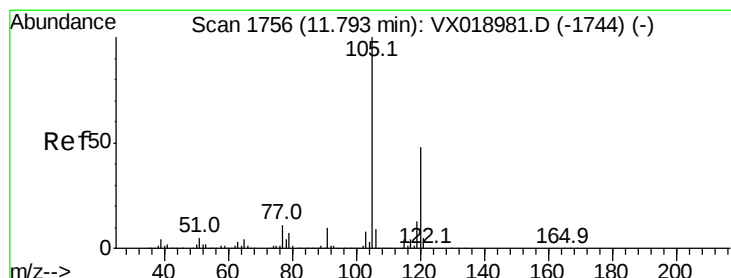
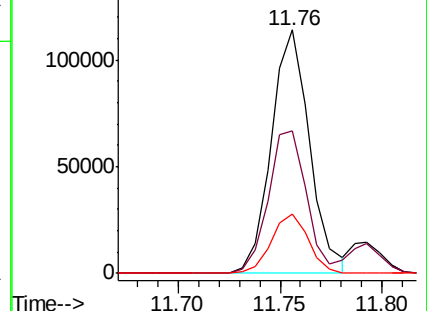
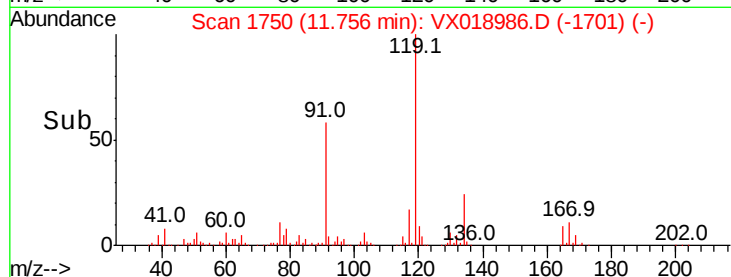
134 23.7 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.131 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018986.D

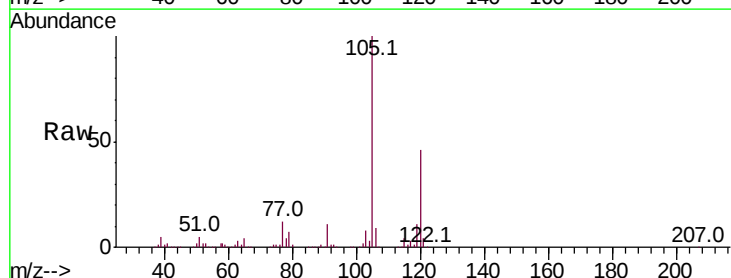
Acq: 20 Oct 2020 20:22

Tgt Ion:105 Resp: 157976

Ion Ratio Lower Upper

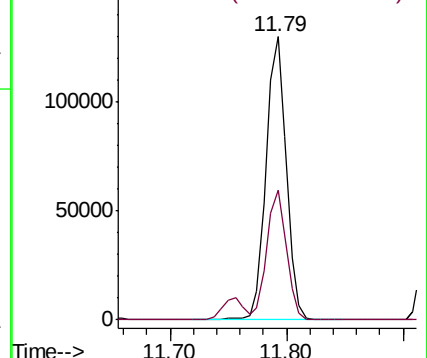
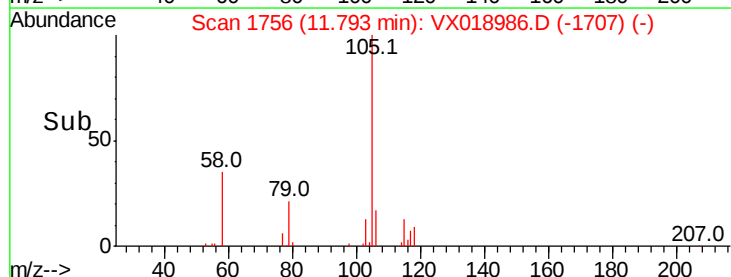
105 100

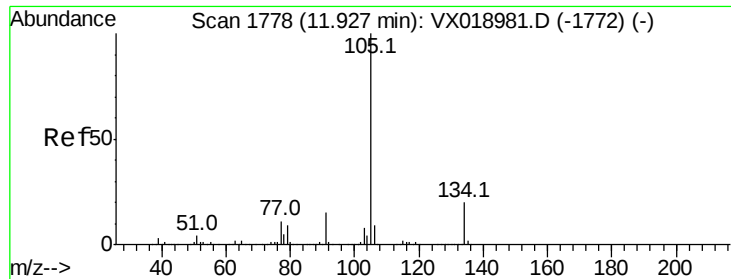
120 44.8 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

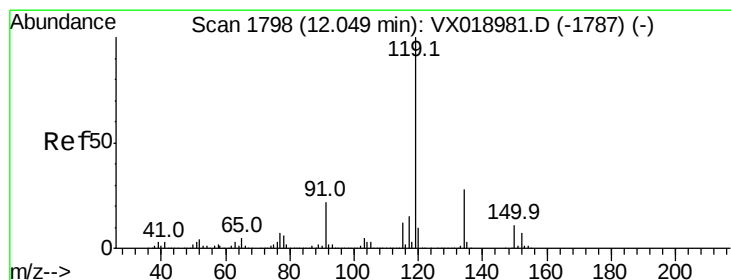
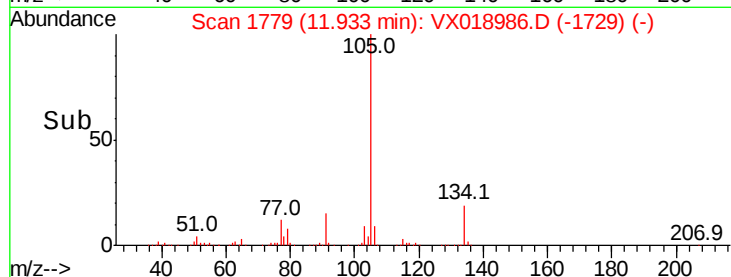
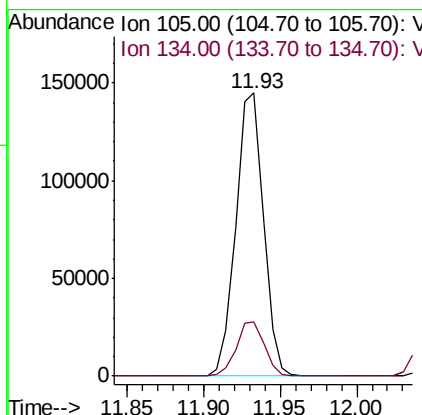
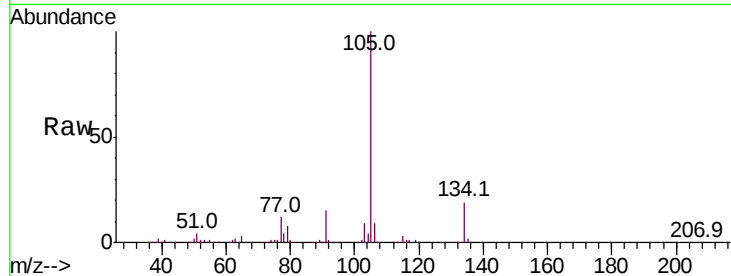




#85
 sec-Butylbenzene
 Concen: 19.055 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

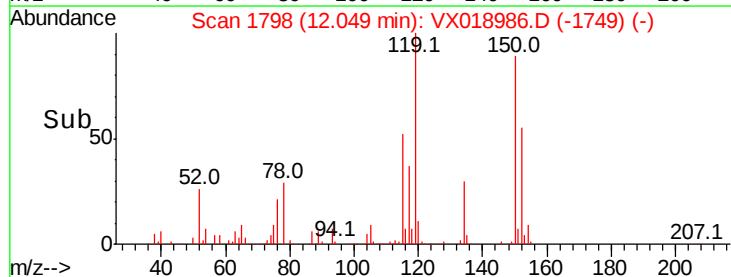
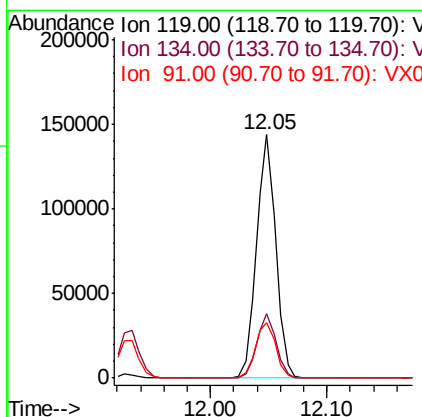
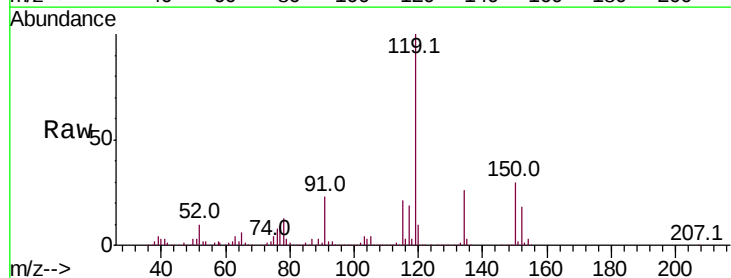
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

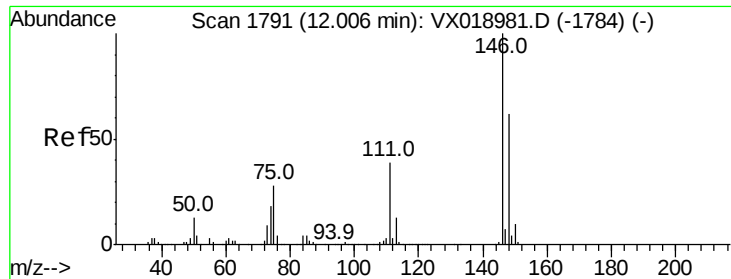
Tot Ion:105 Resp: 181700
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 18.526 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Tgt Ion:119 Resp: 166145
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.5
 91 24.1 11.0 33.0

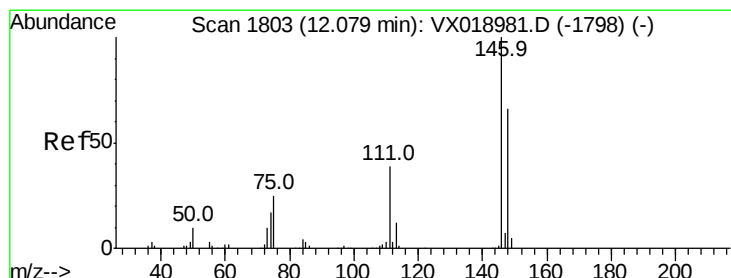
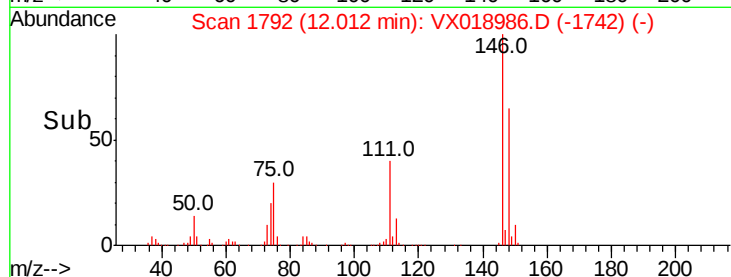
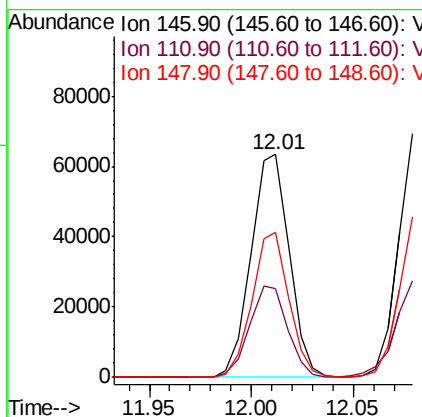
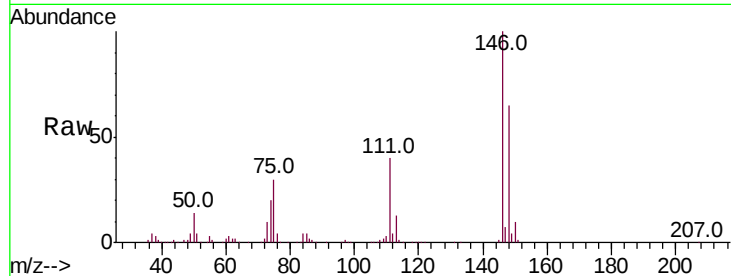




#87
 1,3-Dichlorobenzene
 Concen: 17.993 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

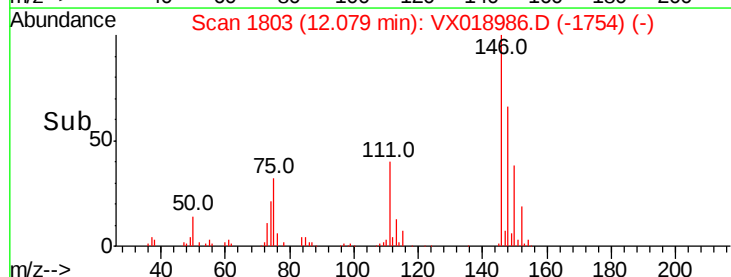
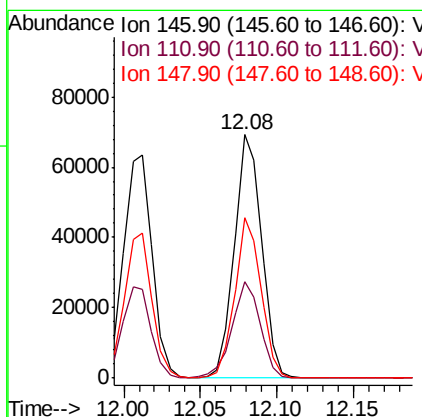
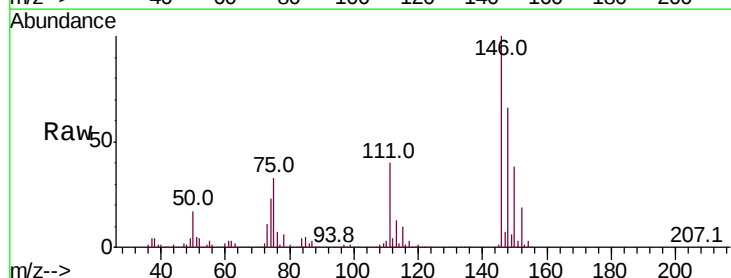
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

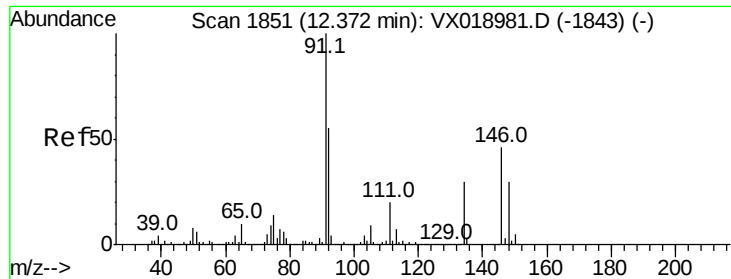
Tot Ion:146 Resp: 82898
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.8 59.4
 148 63.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 17.975 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Tgt Ion:146 Resp: 85546
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.3 57.9
 148 63.5 32.6 98.0





#89

n-Butylbenzene

Concen: 18.551 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

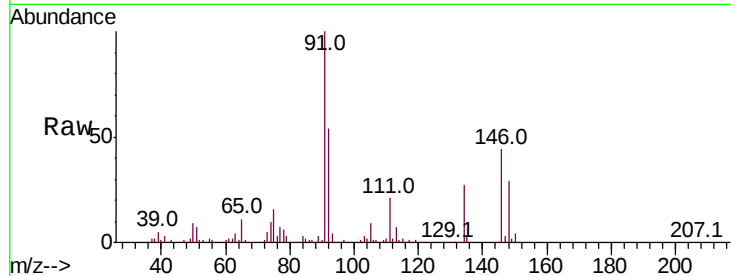
Tot Ion: 91 Resp: 155404

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.6

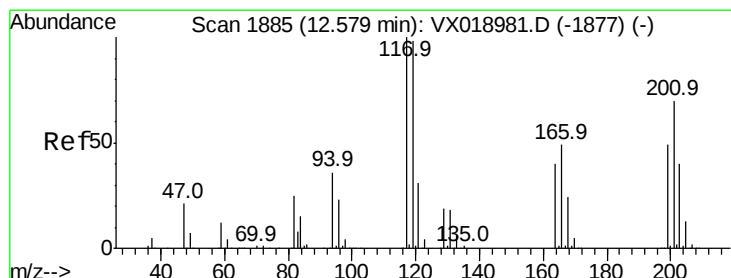
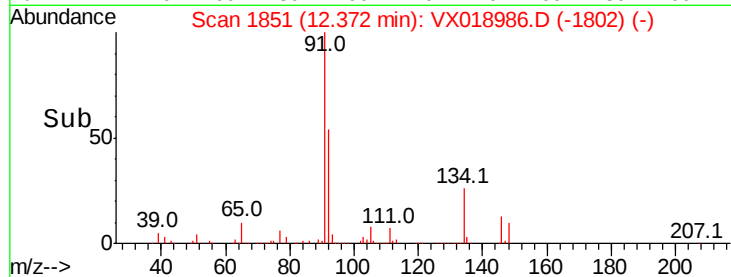
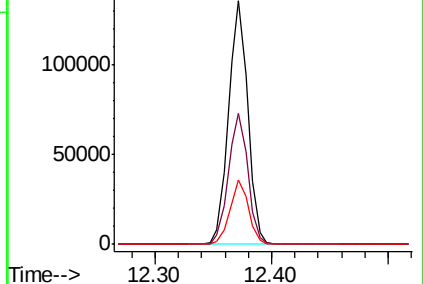
134 25.7 14.2 42.8



Abundance Ion 91.00 (90.70 to 91.70): VX018981.D (-1843) (-)

Ion 92.00 (91.70 to 92.70): VX018981.D (-1843) (-)

Ion 134.00 (133.70 to 134.70): VX018981.D (-1843) (-)



#90

Hexachloroethane

Concen: 17.751 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018986.D

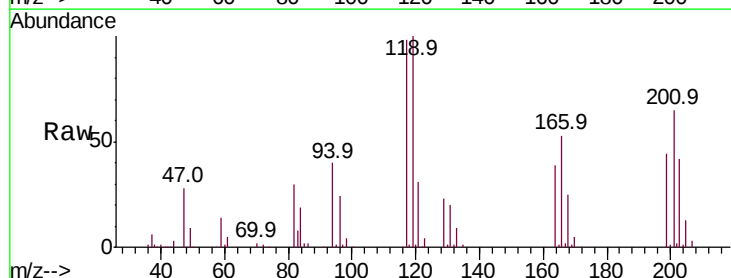
Acq: 20 Oct 2020 20:22

Tgt Ion: 117 Resp: 24959

Ion Ratio Lower Upper

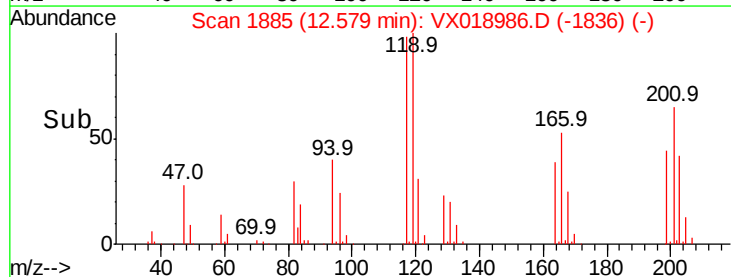
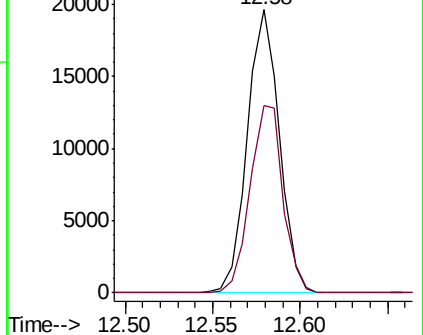
117 100

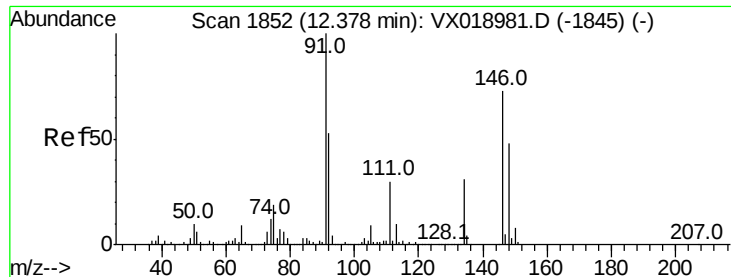
201 68.3 36.1 108.5



Abundance Ion 116.80 (116.50 to 117.50): VX018981.D (-1877) (-)

Ion 200.70 (200.40 to 201.40): VX018981.D (-1877) (-)





#91

1,2-Dichlorobenzene

Concen: 17.918 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

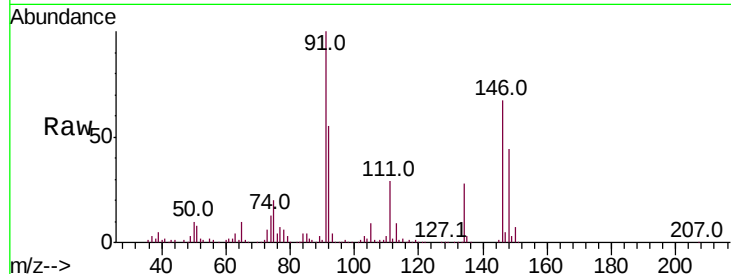
Tot Ion:146 Resp: 80158

Ion Ratio Lower Upper

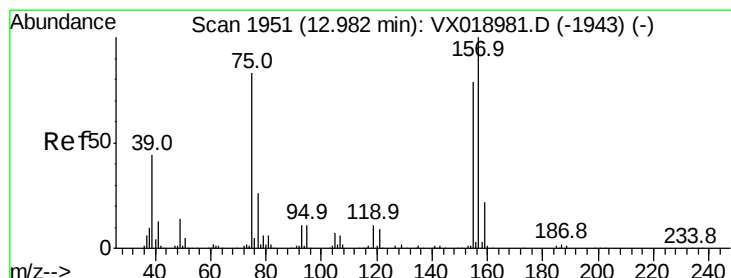
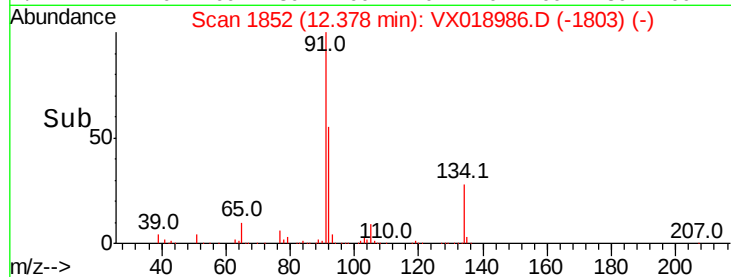
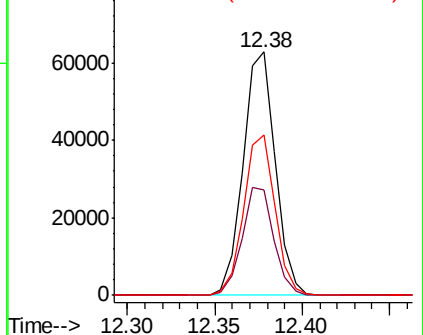
146 100

111 43.8 20.8 62.5

148 64.4 32.5 97.4



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: 19.358 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

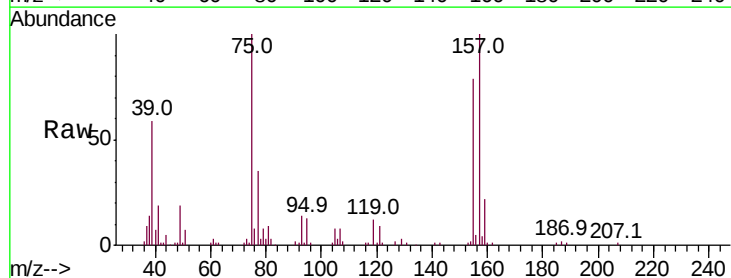
Tgt Ion: 75 Resp: 15239

Ion Ratio Lower Upper

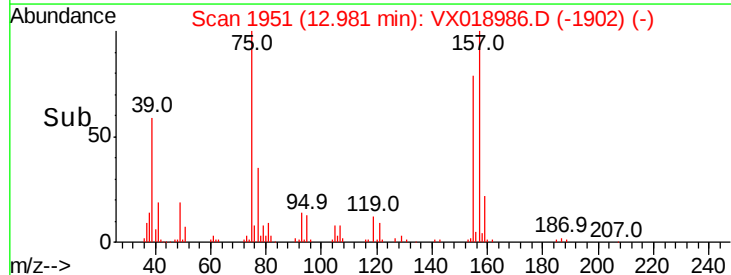
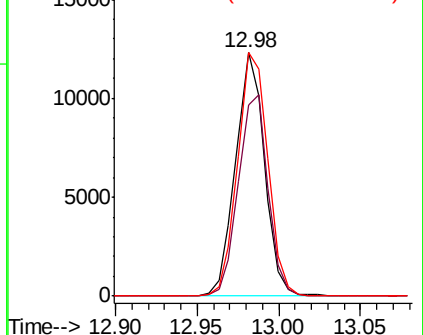
75 100

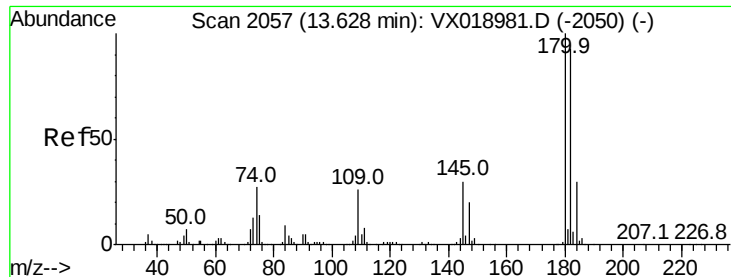
155 84.7 47.6 142.9

157 104.2 62.7 188.1



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

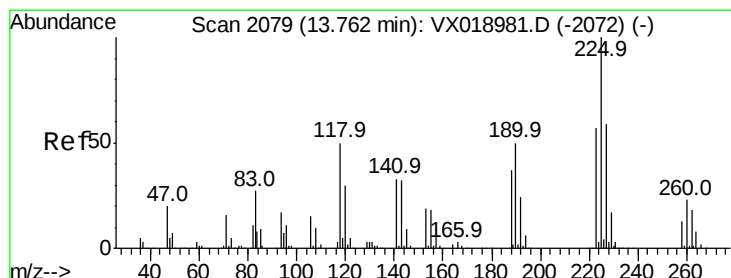
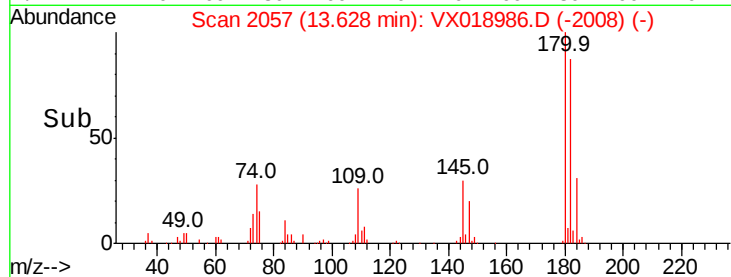
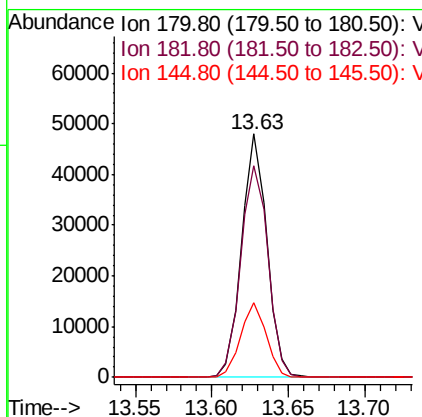
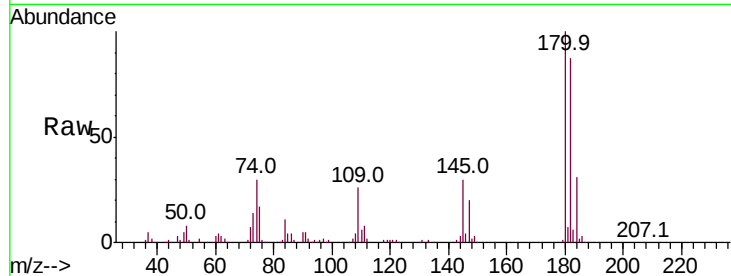




#93
 1,2,4-Trichlorobenzene
 Concen: 17.549 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

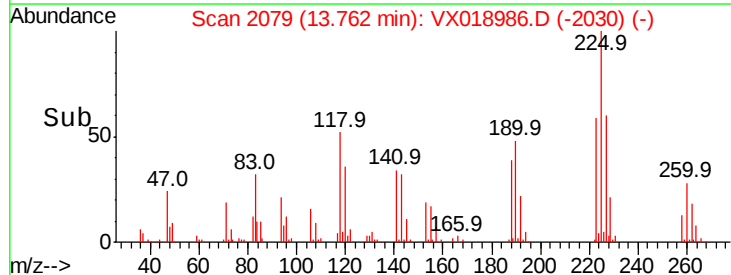
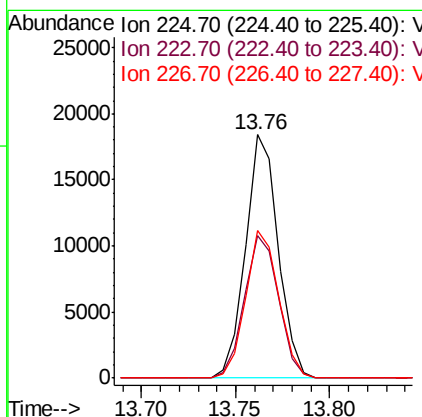
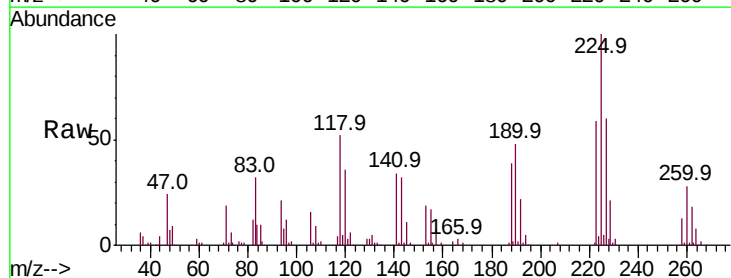
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

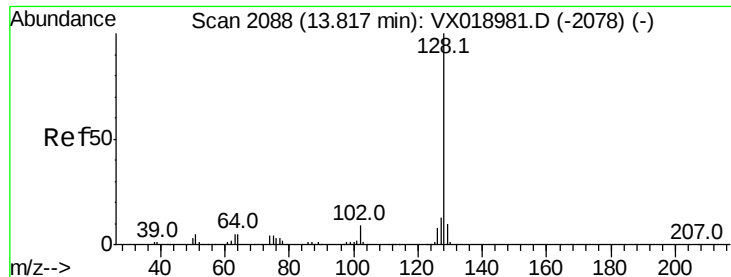
Tot Ion:180 Resp: 54996
 Ion Ratio Lower Upper
 180 100
 182 93.5 46.6 139.7
 145 30.9 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 17.421 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Tgt Ion:225 Resp: 22168
 Ion Ratio Lower Upper
 225 100
 223 61.0 29.4 88.3
 227 61.1 30.6 92.0





#95

Naphthalene

Concen: 18.708 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

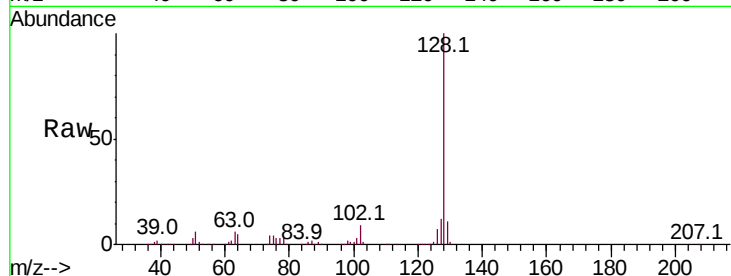
Tot Ion:128 Resp: 195633

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

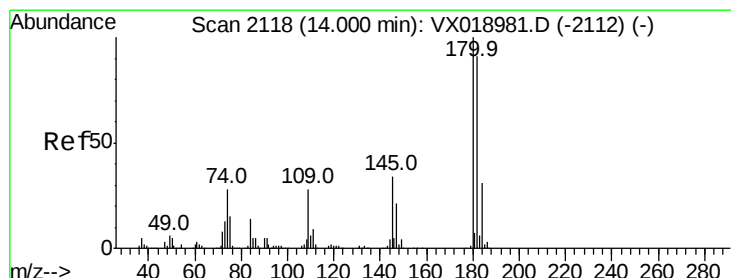
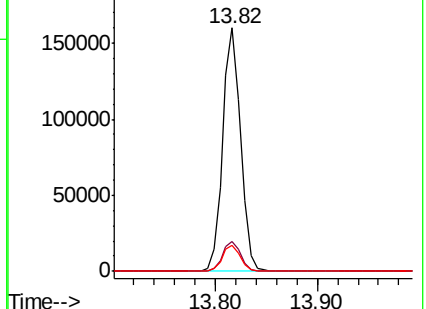
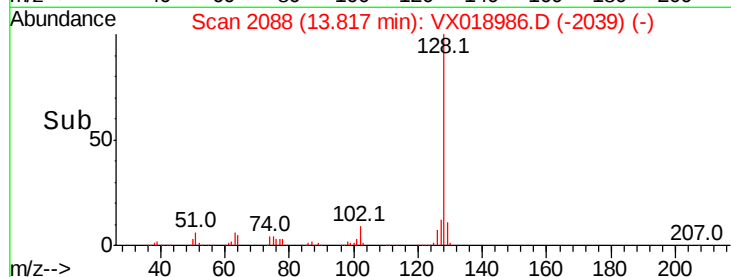
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.126 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

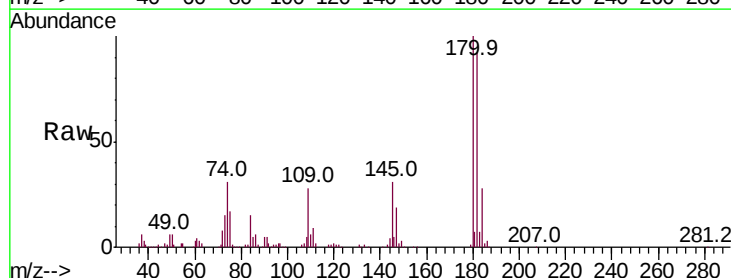
Tgt Ion:180 Resp: 53640

Ion Ratio Lower Upper

180 100

182 94.3 47.8 143.4

145 32.3 17.0 51.0



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

