

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100920\
 Data File : VX018852.D
 Acq On : 09 Oct 2020 12:25
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 09 13:40:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 09 13:36:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	208968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	309168	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	293112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	165718	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	144073	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	5.47	113	105699	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.70	98	372939	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.12	95	151487	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	123875	60.460	ug/l	100
3) Chloromethane	1.32	50	95609	42.127	ug/l	100
4) Vinyl Chloride	1.40	62	107113	44.439	ug/l	100
5) Bromomethane	1.63	94	57867	40.491	ug/l	100
6) Chloroethane	1.71	64	68515	48.951	ug/l	100
7) Trichlorofluoromethane	1.92	101	210641	55.072	ug/l	100
8) Diethyl Ether	2.17	74	59215	45.544	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99170	49.407	ug/l	100
10) Methyl Iodide	2.50	142	104269	49.873	ug/l	100
11) Tert butyl alcohol	3.01	59	119232	234.520	ug/l	100
12) 1,1-Dichloroethene	2.36	96	94289	46.996	ug/l	100
13) Acrolein	2.28	56	94114	278.448	ug/l	100
14) Allyl chloride	2.71	41	168741	43.885	ug/l	100
15) Acrylonitrile	3.12	53	252691	212.682	ug/l	100
16) Acetone	2.42	43	298172	259.837	ug/l	100
17) Carbon Disulfide	2.55	76	273196	45.743	ug/l	100
18) Methyl Acetate	2.75	43	118835	43.448	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	324247	46.368	ug/l	100
20) Methylene Chloride	2.84	84	107341	43.501	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	107147	45.872	ug/l	100
22) Diisopropyl ether	3.82	45	304968	42.578	ug/l	100
23) Vinyl Acetate	3.79	43	1554675	240.927	ug/l	100
24) 1,1-Dichloroethane	3.67	63	194908	46.206	ug/l	100
25) 2-Butanone	4.63	43	413961	237.626	ug/l	100
26) 2,2-Dichloropropane	4.56	77	191947	48.644	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	118960	45.635	ug/l	100
28) Bromochloromethane	4.98	49	86809	44.472	ug/l	100
29) Tetrahydrofuran	5.09	42	221955	207.689	ug/l	100
30) Chloroform	5.18	83	217166	50.105	ug/l	100
31) Cyclohexane	5.56	56	142748	41.498	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	207274	50.865	ug/l	100
36) 1,1-Dichloropropene	5.77	75	153507	50.924	ug/l	100
37) Ethyl Acetate	4.79	43	159101	49.830	ug/l	100
38) Carbon Tetrachloride	5.75	117	198774	58.140	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	147684	44.748	ug/l	100
40) Benzene	6.12	78	421526	49.075	ug/l	100
41) Methacrylonitrile	5.00	41	87024	48.967	ug/l	100
42) 1,2-Dichloroethane	6.17	62	190365	55.531	ug/l	100
43) Isopropyl Acetate	6.42	43	256739	48.645	ug/l	100
44) Trichloroethene	7.19	130	123981	49.713	ug/l	100
45) 1,2-Dichloropropane	7.49	63	110033	46.877	ug/l	100
46) Dibromomethane	7.64	93	81691	50.242	ug/l	100
47) Bromodichloromethane	7.88	83	178777	53.834	ug/l	100
48) Methyl methacrylate	7.74	41	132743	51.305	ug/l	100
49) 1,4-Dioxane	7.71	88	35492	849.373	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	804524	254.870	ug/l	100
52) Toluene	8.77	92	278416	51.098	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	192432	51.427	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	192965	50.448	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	115489	51.162	ug/l	100
56) Ethyl methacrylate	9.16	69	167344	50.567	ug/l	100
57) 1,3-Dichloropropane	9.35	76	193405	50.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	451248	255.150	ug/l	100
59) 2-Hexanone	9.48	43	618071	257.472	ug/l	100
60) Dibromochloromethane	9.57	129	145369	53.561	ug/l	100
61) 1,2-Dibromoethane	9.65	107	126700	52.643	ug/l	100
64) Tetrachloroethene	9.32	164	108775	47.323	ug/l	100
65) Chlorobenzene	10.12	112	310503	51.142	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	125773	51.590	ug/l	100
67) Ethyl Benzene	10.24	91	556934	52.922	ug/l	100
68) m/p-Xylenes	10.34	106	422921	105.976	ug/l	100
69) o-Xylene	10.68	106	198985	52.825	ug/l	100
70) Styrene	10.69	104	350765	54.031	ug/l	100
71) Bromoform	10.84	173	112067	54.428	ug/l	# 100
73) Isopropylbenzene	11.00	105	567671	51.148	ug/l	100
74) N-amyl acetate	10.88	43	233100	47.512	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	172387	47.370	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	218996	63.027	ug/l	86
77) Bromobenzene	11.24	156	150226	49.097	ug/l	100
78) n-propylbenzene	11.34	91	643550	49.843	ug/l	100
79) 2-Chlorotoluene	11.40	91	391686	49.969	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	493034	51.871	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	62764	47.010	ug/l	100
82) 4-Chlorotoluene	11.49	91	470865	50.431	ug/l	100
83) tert-Butylbenzene	11.76	119	482113	52.191	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	494764	51.837	ug/l	100
85) sec-Butylbenzene	11.93	105	550098	50.727	ug/l	100
86) p-Isopropyltoluene	12.05	119	533366	53.233	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	271199	49.302	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	266166	47.923	ug/l	100
89) n-Butylbenzene	12.37	91	450993	49.167	ug/l	100
90) Hexachloroethane	12.58	117	90670	46.126	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	258513	50.067	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45483	51.120	ug/l	100

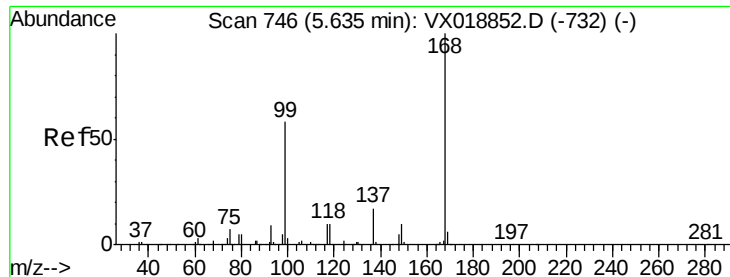
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100920\
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Quant Title : SW846 8260
QLast Update : Fri Oct 09 13:36:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	165950	46.614	ug/l	100
94) Hexachlorobutadiene	13.77	225	70753	47.293	ug/l	100
95) Naphthalene	13.82	128	545080	50.739	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	167260	49.042	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

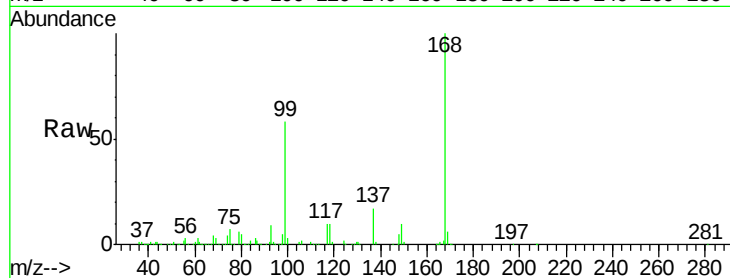
VSTDICCC050

Tgt Ion:168 Resp: 208968

Ion Ratio Lower Upper

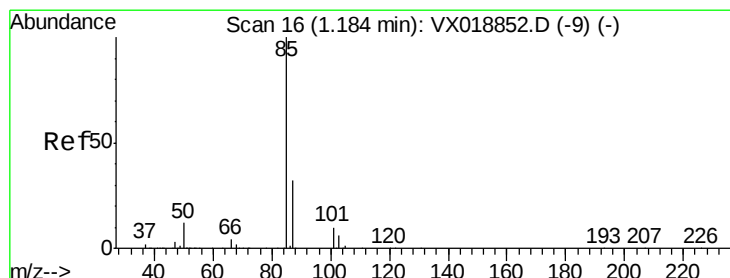
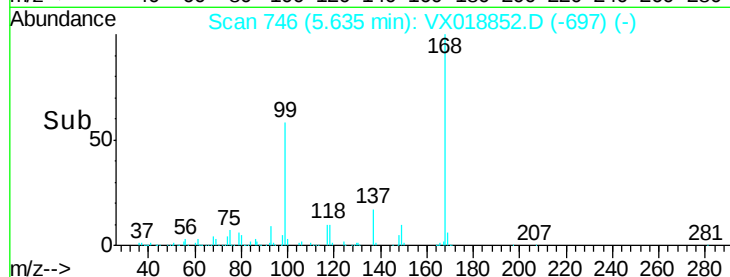
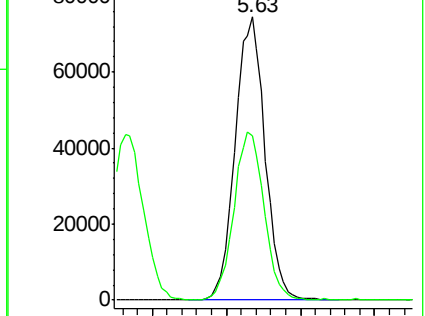
168 100

99 57.6 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 60.460 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018852.D

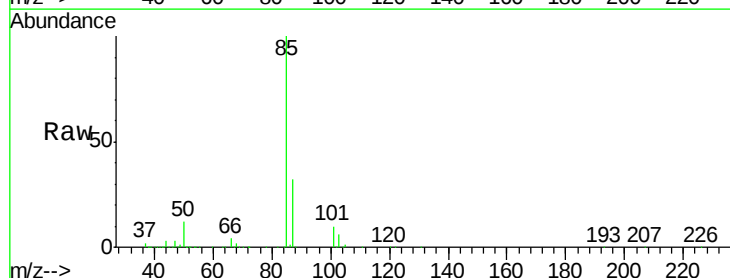
Acq: 09 Oct 2020 12:25

Tgt Ion: 85 Resp: 123875

Ion Ratio Lower Upper

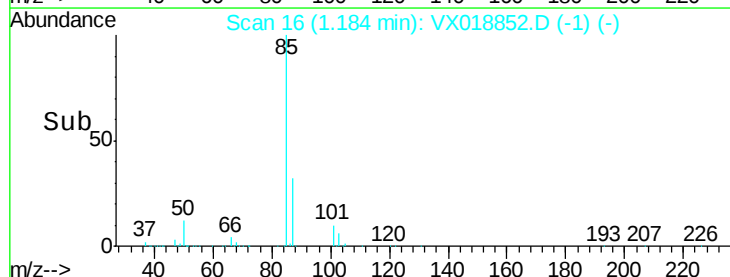
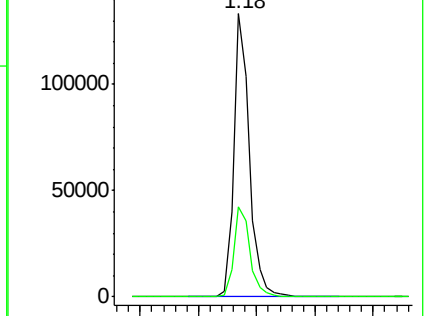
85 100

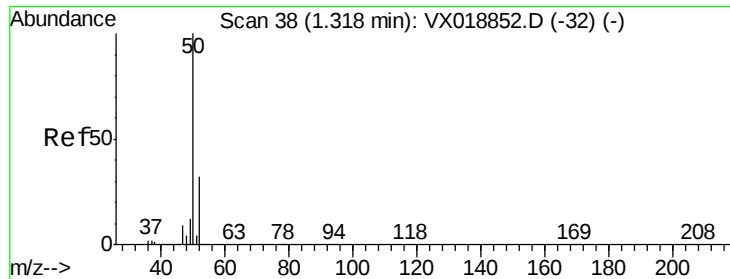
87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.127 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

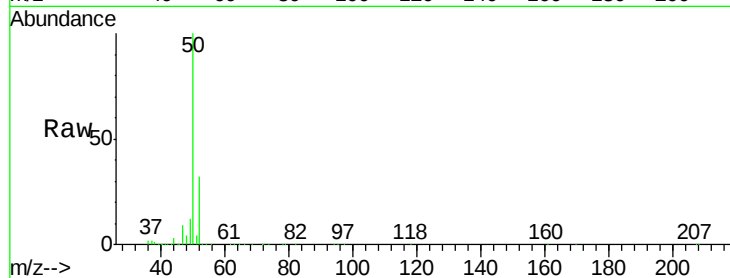
VSTDICCC050

Tgt Ion: 50 Resp: 95609

Ion Ratio Lower Upper

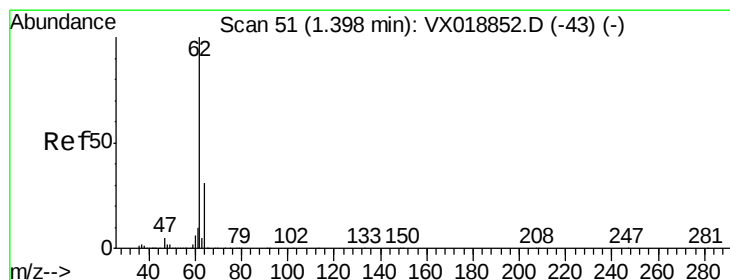
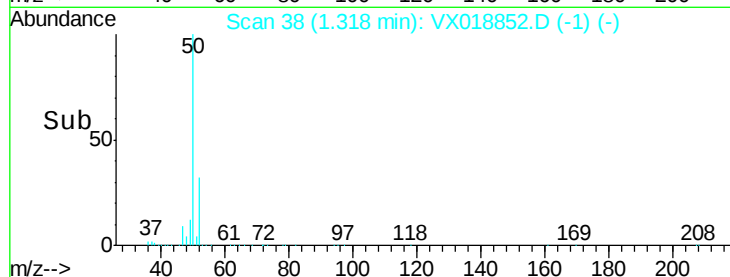
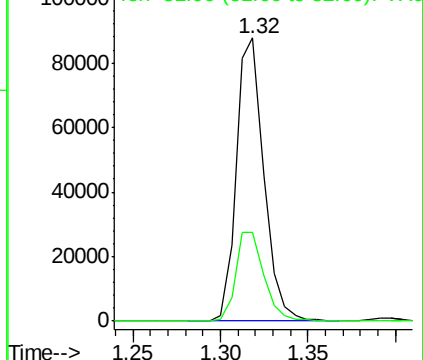
50 100

52 31.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.439 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.00 min

Lab File: VX018852.D

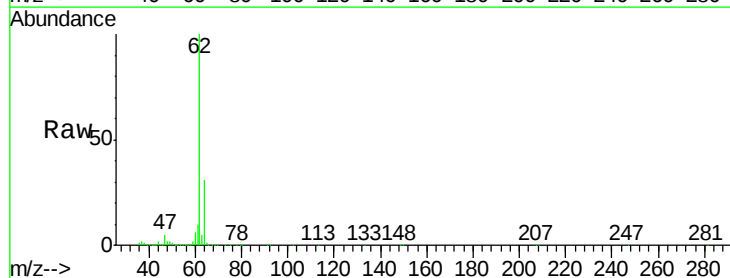
Acq: 09 Oct 2020 12:25

Tgt Ion: 62 Resp: 107113

Ion Ratio Lower Upper

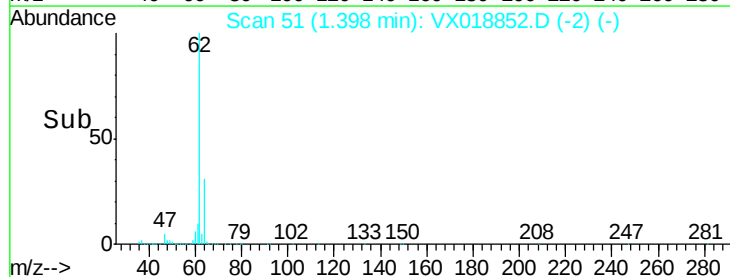
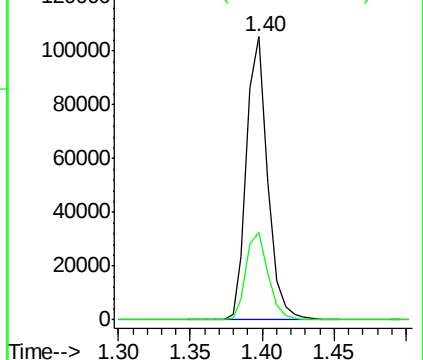
62 100

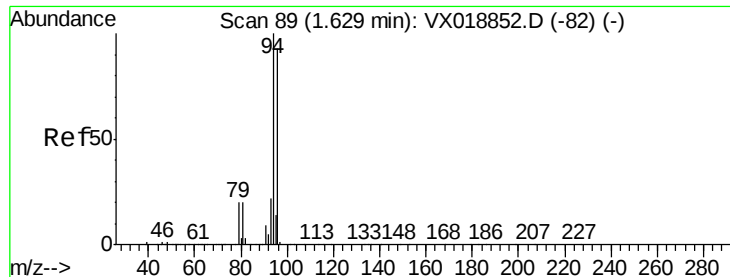
64 30.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.491 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampled :

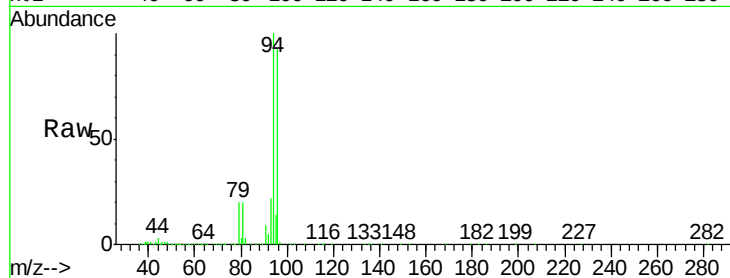
VSTDICCC050

Tgt Ion: 94 Resp: 57867

Ion Ratio Lower Upper

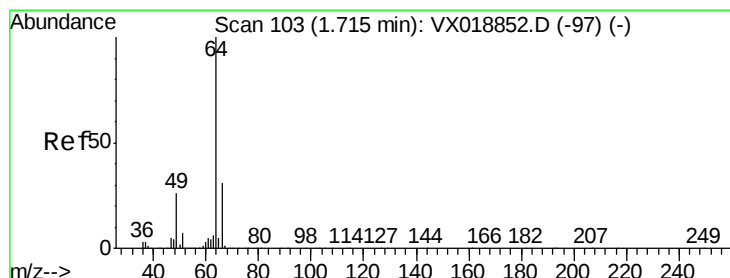
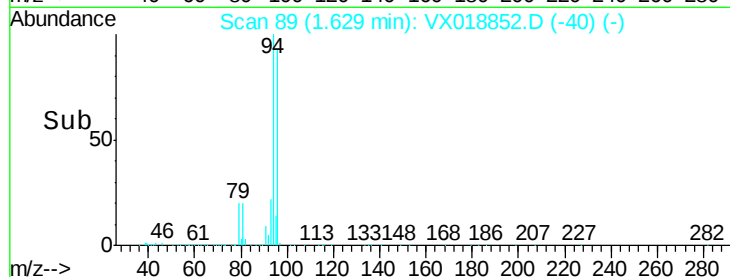
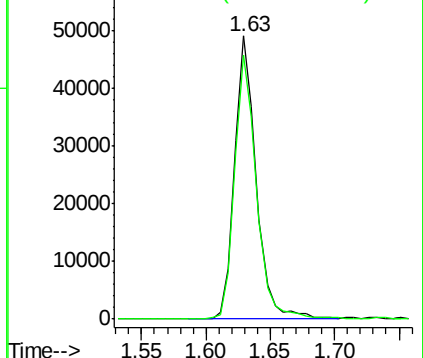
94 100

96 93.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.951 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018852.D

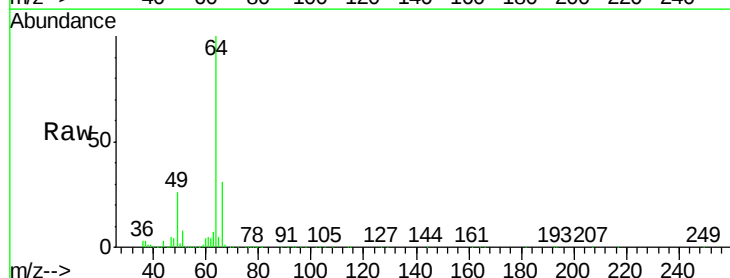
Acq: 09 Oct 2020 12:25

Tgt Ion: 64 Resp: 68515

Ion Ratio Lower Upper

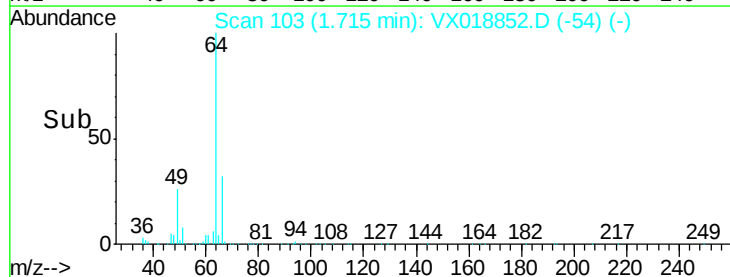
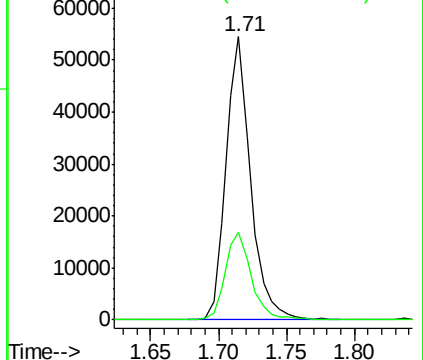
64 100

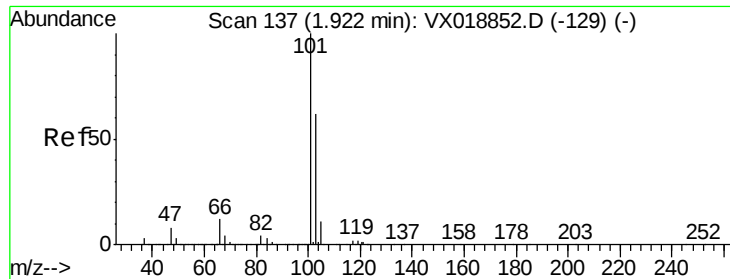
66 30.9 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



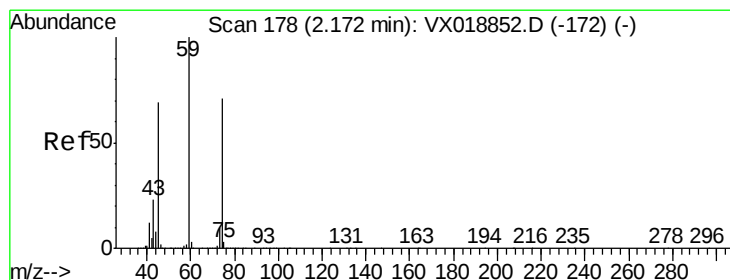
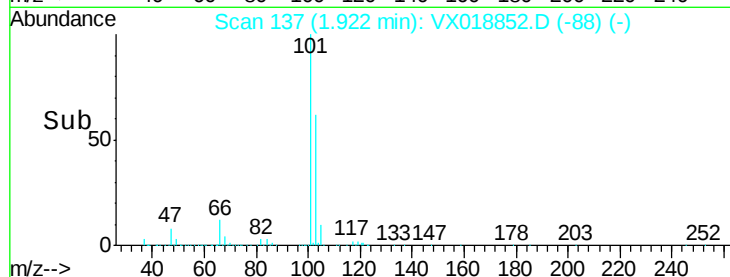
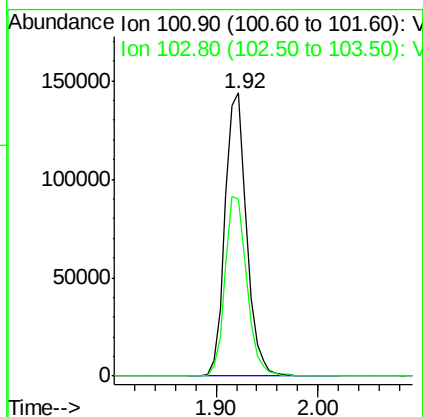
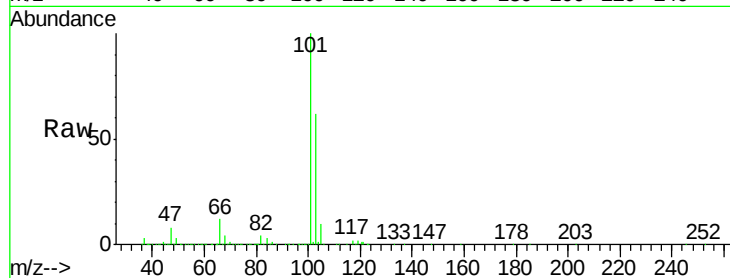


#7

Trichlorofluoromethane
Concen: 55.072 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

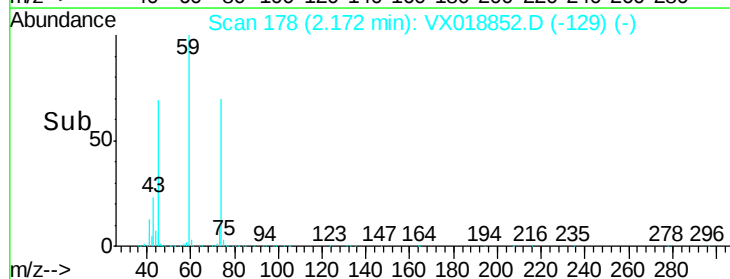
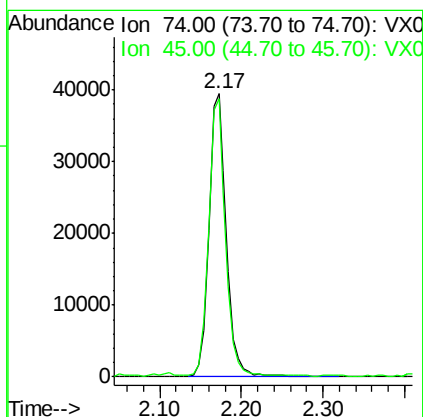
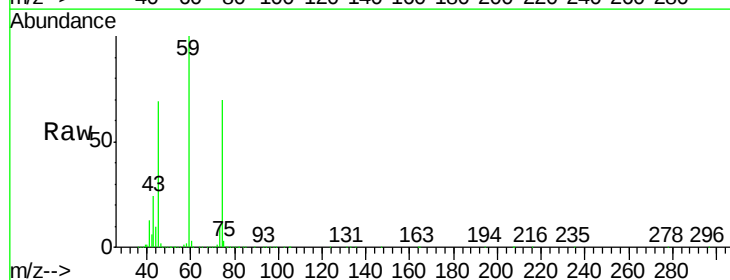
Tgt Ion:101 Resp: 210641
Ion Ratio Lower Upper
101 100
103 62.5 50.0 75.0

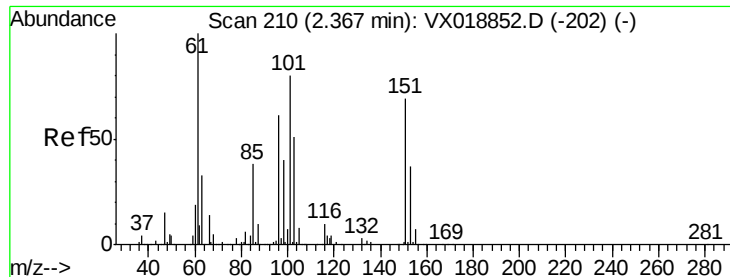


#8

Diethyl Ether
Concen: 45.544 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion: 74 Resp: 59215
Ion Ratio Lower Upper
74 100
45 94.1 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.407 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

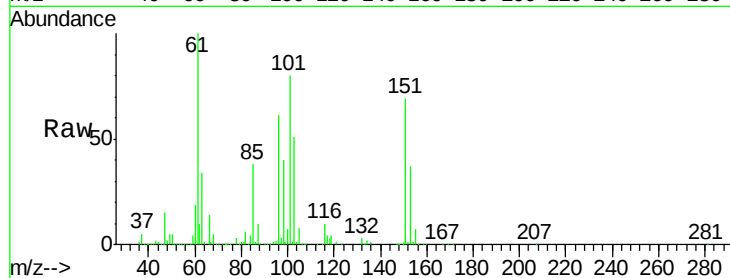
Tgt Ion:101 Resp: 99170

Ion Ratio Lower Upper

101 100

85 45.8 36.6 55.0

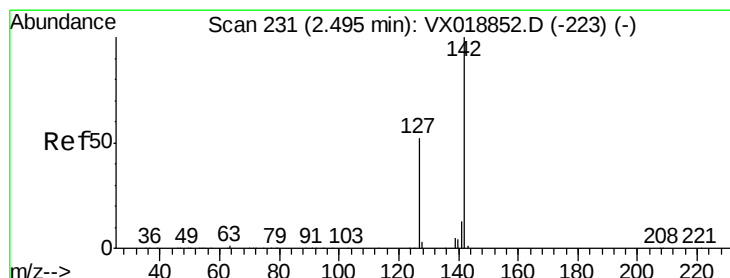
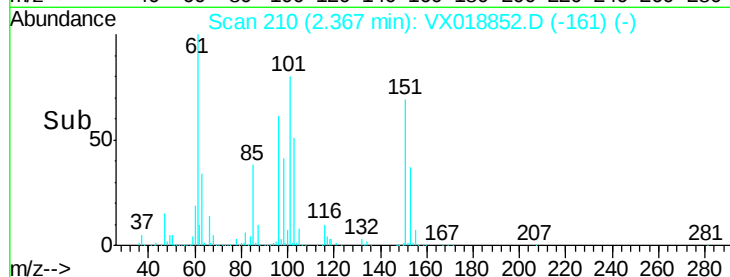
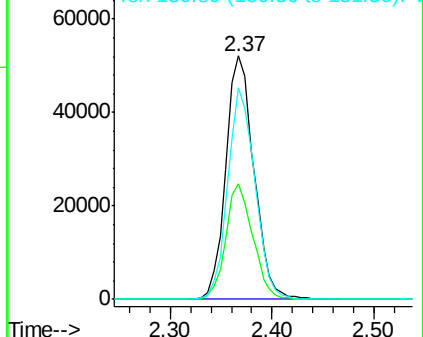
151 84.0 67.2 100.8



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: 49.873 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

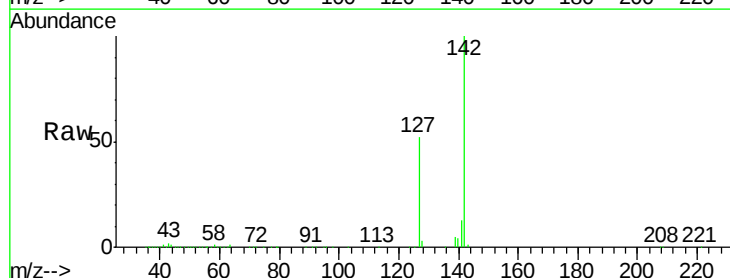
Tgt Ion:142 Resp: 104269

Ion Ratio Lower Upper

142 100

127 52.5 42.0 63.0

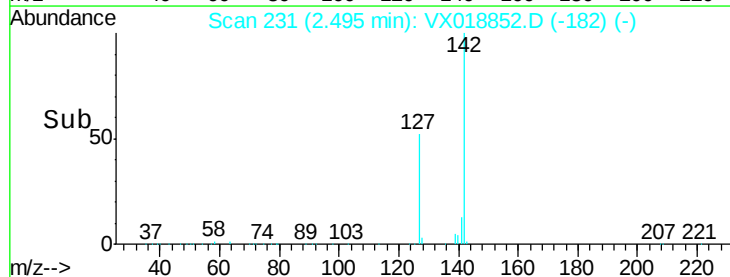
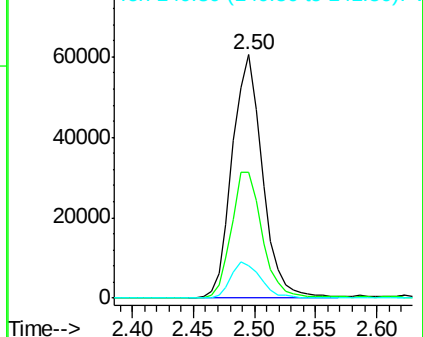
141 14.7 11.8 17.6

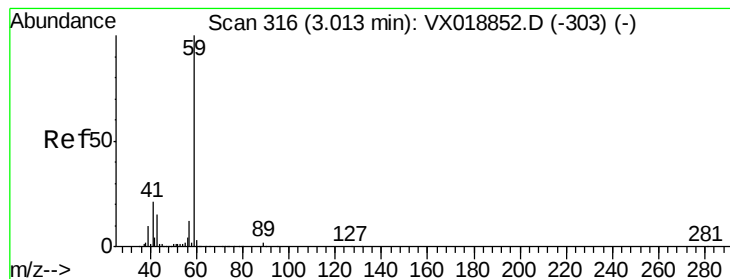


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



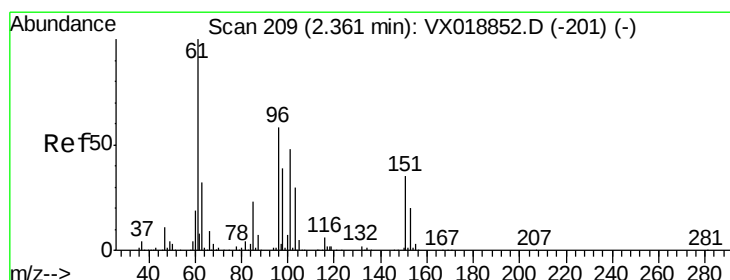
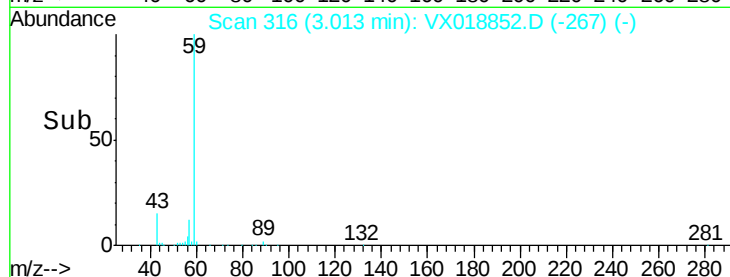
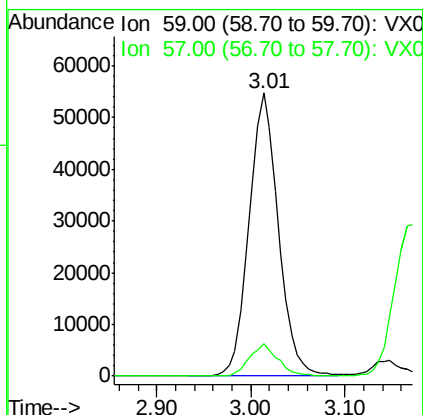
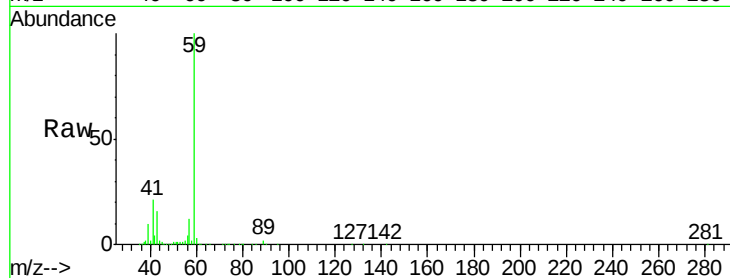


#11

Tert butyl alcohol
 Concen: 234.520 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

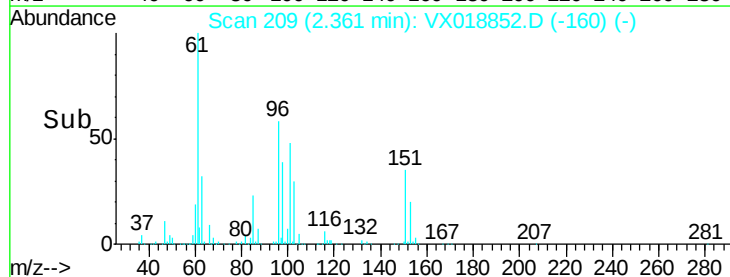
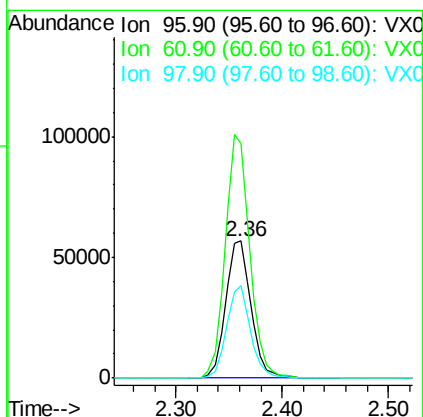
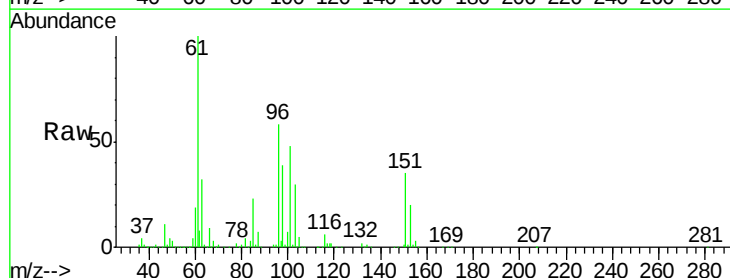
Tgt Ion: 59 Resp: 119232
 Ion Ratio Lower Upper
 59 100
 57 11.3 9.0 13.6

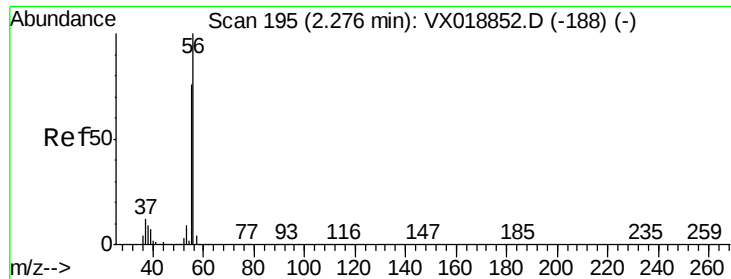


#12

1,1-Dichloroethene
 Concen: 46.996 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion: 96 Resp: 94289
 Ion Ratio Lower Upper
 96 100
 61 171.3 137.0 205.6
 98 67.4 53.9 80.9

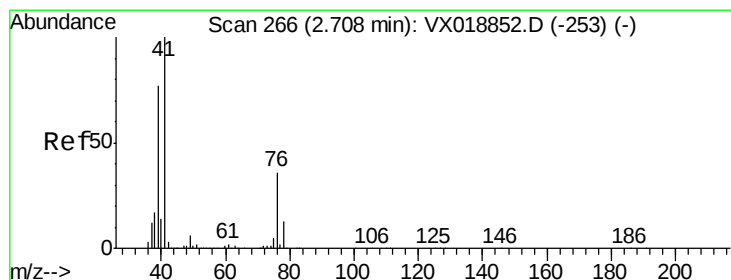
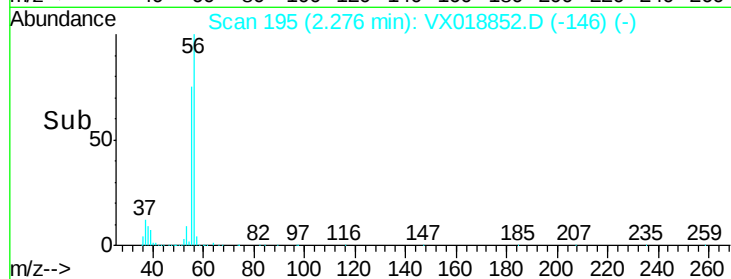
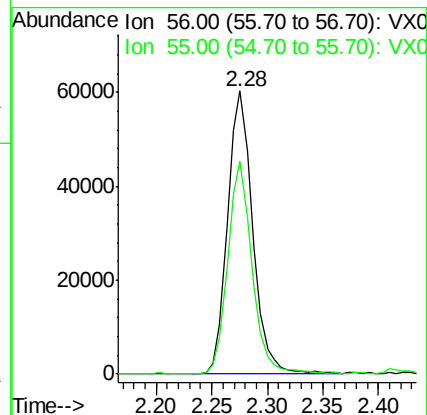
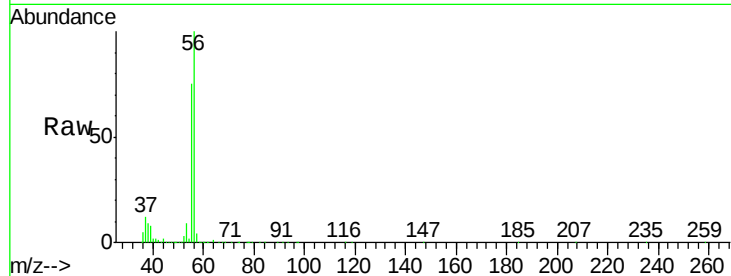




#13
Acrolein
Concen: 278.448 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

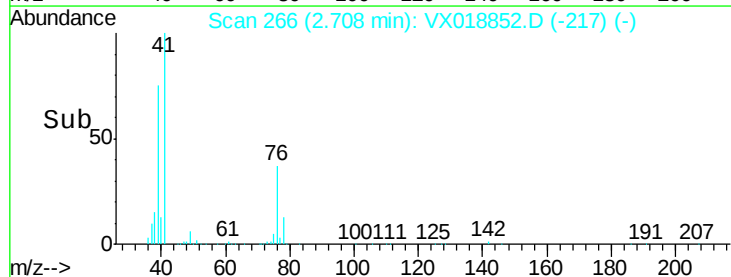
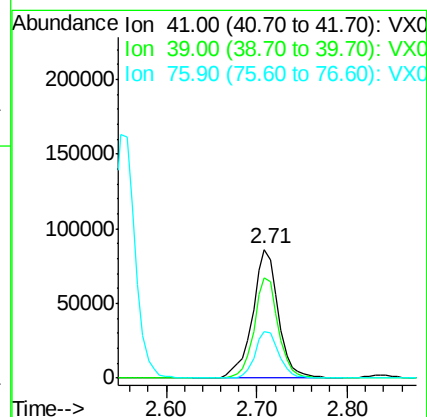
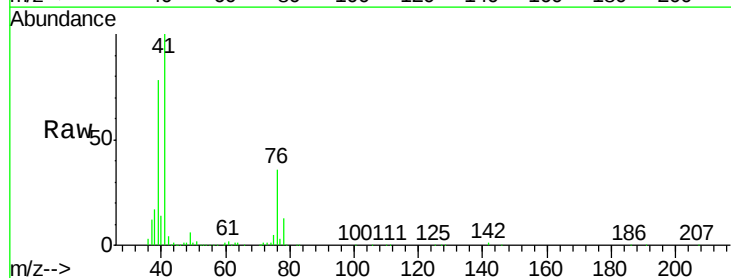
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

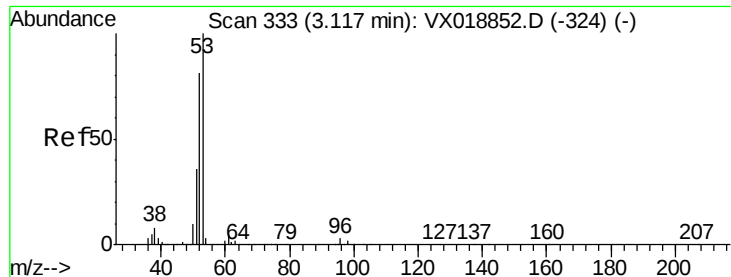
Tgt Ion: 56 Resp: 94114
Ion Ratio Lower Upper
56 100
55 73.2 58.6 87.8



#14
Allyl chloride
Concen: 43.885 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion: 41 Resp: 168741
Ion Ratio Lower Upper
41 100
39 72.3 57.8 86.8
76 33.5 26.8 40.2





#15

Acrylonitrile

Concen: 212.682 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

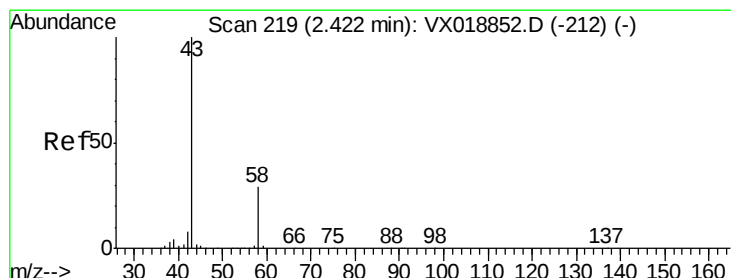
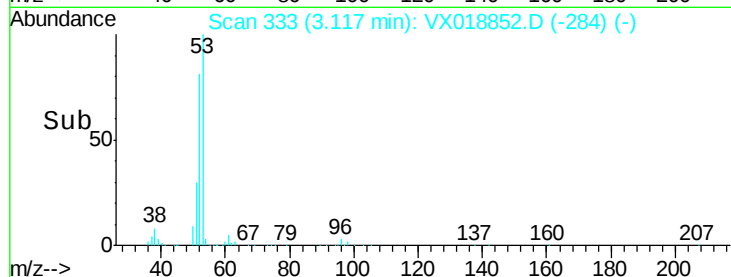
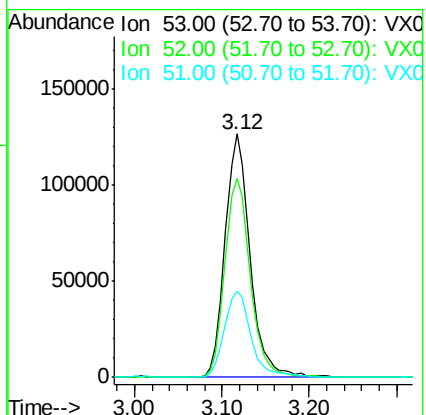
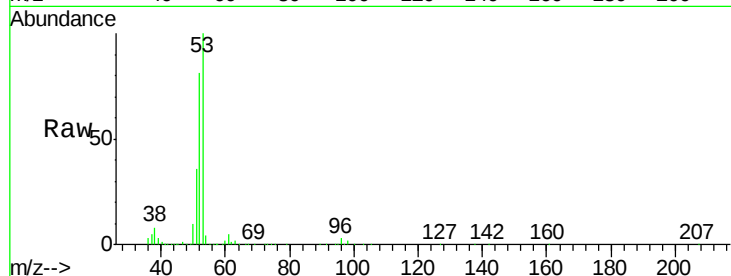
Tgt Ion: 53 Resp: 252691

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

51 37.9 30.3 45.5



#16

Acetone

Concen: 259.837 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018852.D

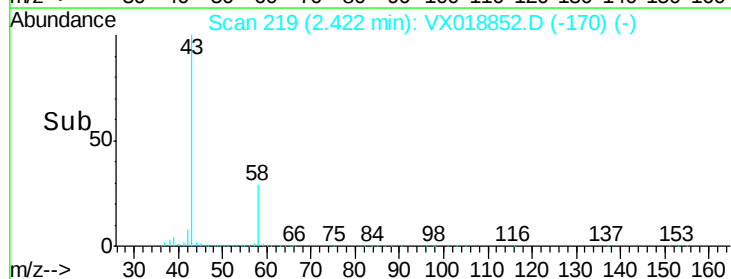
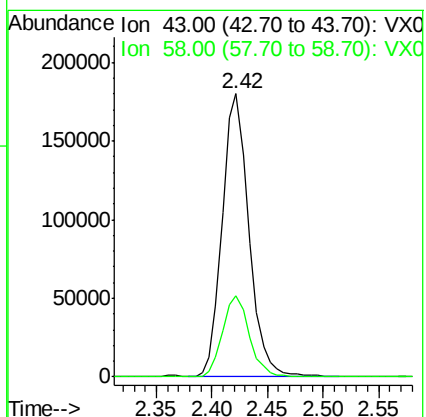
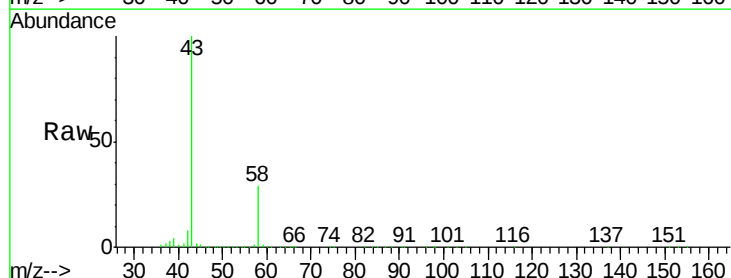
Acq: 09 Oct 2020 12:25

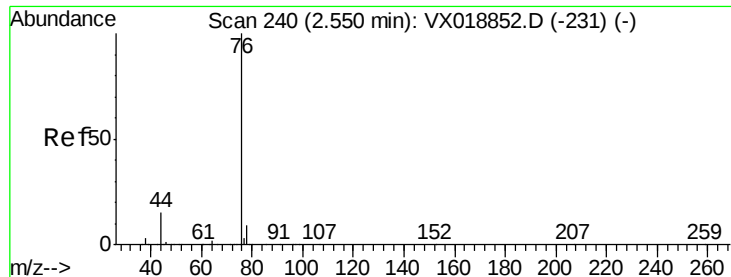
Tgt Ion: 43 Resp: 298172

Ion Ratio Lower Upper

43 100

58 28.7 23.0 34.4





#17

Carbon Disulfide

Concen: 45.743 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

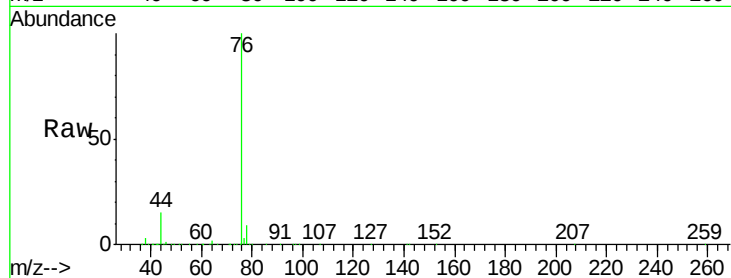
VSTDICCC050

Tgt Ion: 76 Resp: 273196

Ion Ratio Lower Upper

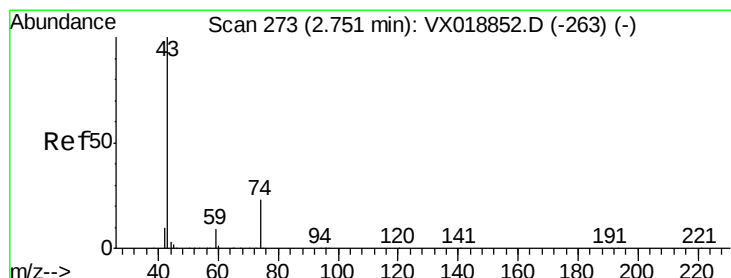
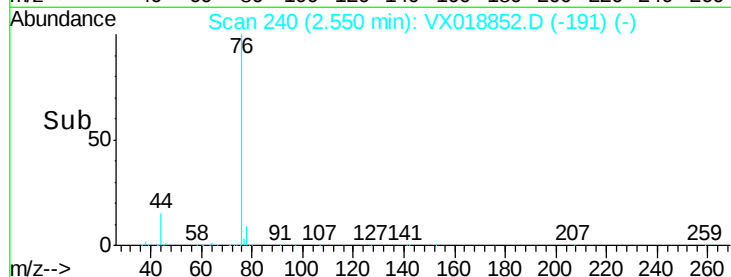
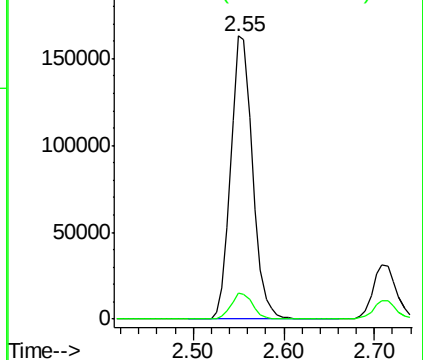
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.448 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018852.D

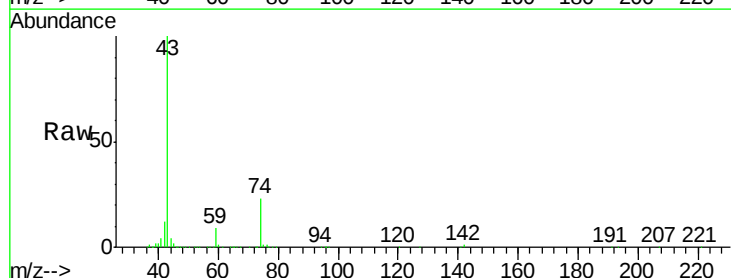
Acq: 09 Oct 2020 12:25

Tgt Ion: 43 Resp: 118835

Ion Ratio Lower Upper

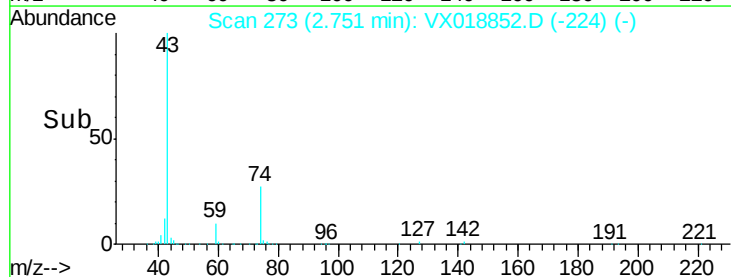
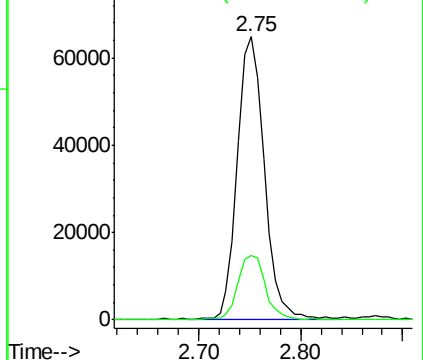
43 100

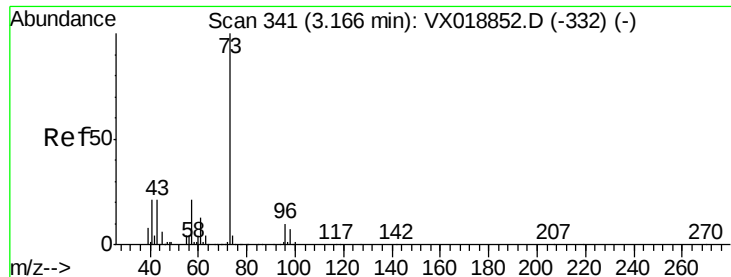
74 23.6 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 46.368 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

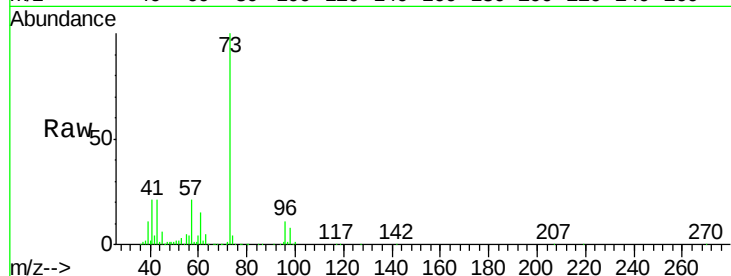
VSTDICCC050

Tgt Ion: 73 Resp: 324247

Ion Ratio Lower Upper

73 100

57 20.9 16.7 25.1



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.17

150000

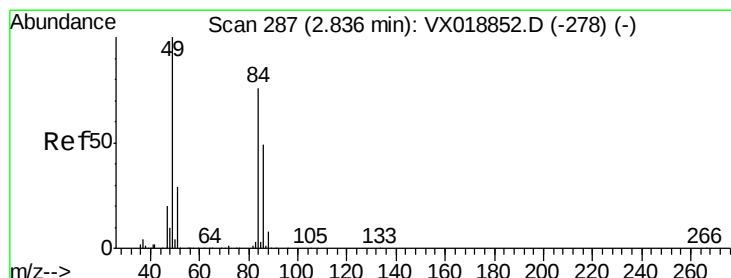
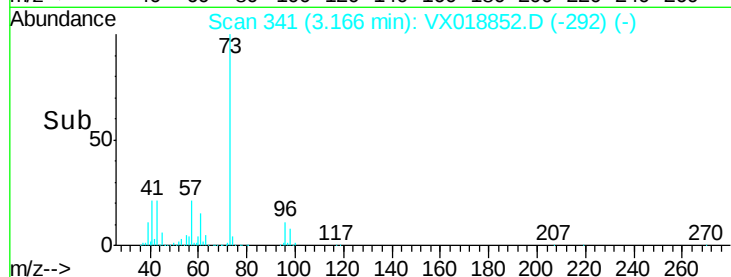
100000

50000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 43.501 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Tgt Ion: 84 Resp: 107341

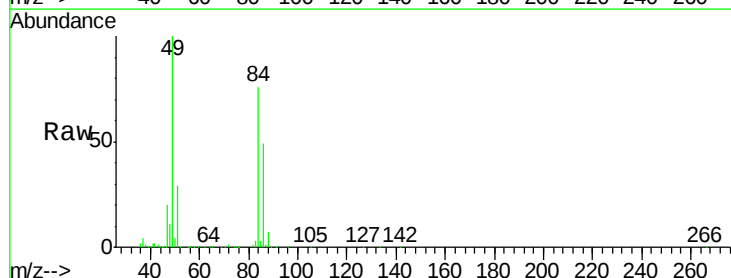
Ion Ratio Lower Upper

84 100

49 131.0 104.8 157.2

51 38.3 30.6 46.0

86 63.5 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

120000

100000

80000

60000

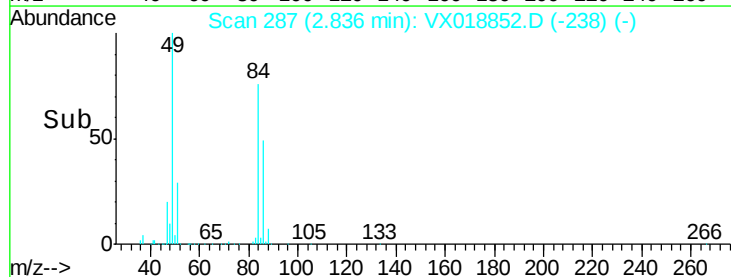
40000

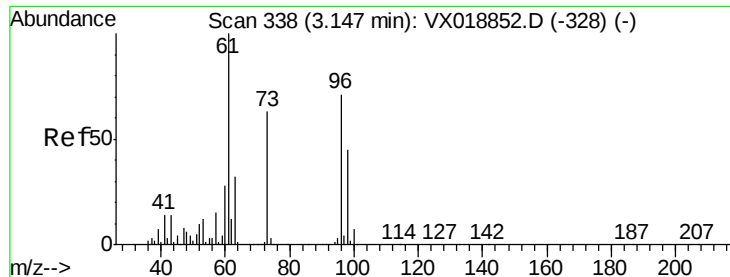
20000

0

Time-->

2.70 2.80 2.90 3.00





#21

trans-1,2-Dichloroethene

Concen: 45.872 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

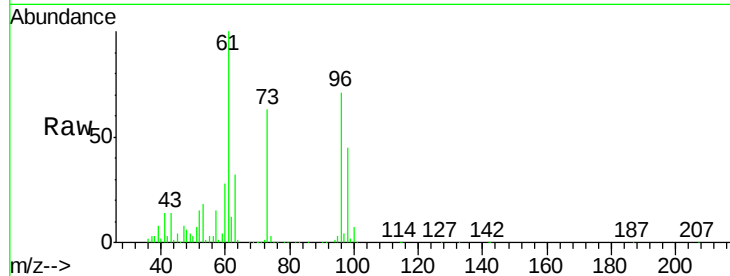
Tgt Ion: 96 Resp: 107147

Ion Ratio Lower Upper

96 100

61 140.0 112.0 168.0

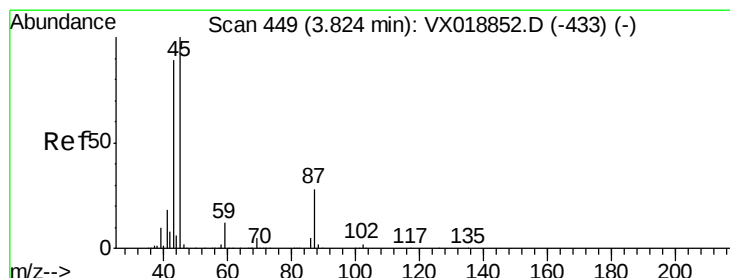
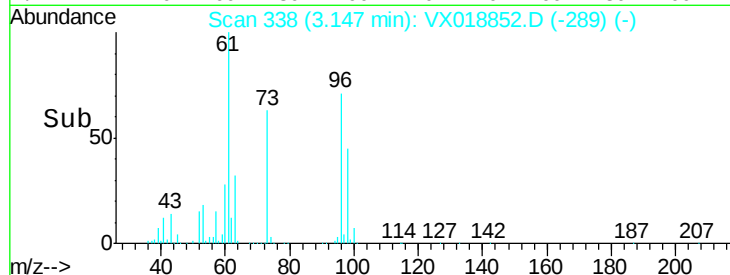
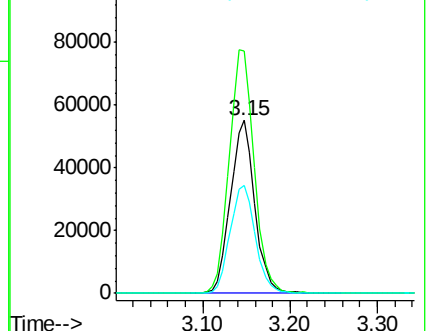
98 62.7 50.2 75.2



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



#22

Diisopropyl ether

Concen: 42.578 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Tgt Ion: 45 Resp: 304968

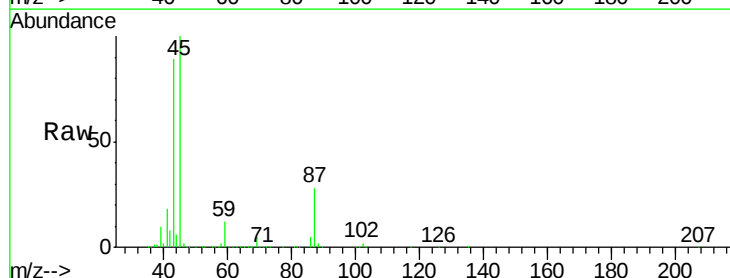
Ion Ratio Lower Upper

45 100

43 89.0 71.2 106.8

87 28.1 22.5 33.7

59 11.5 9.2 13.8

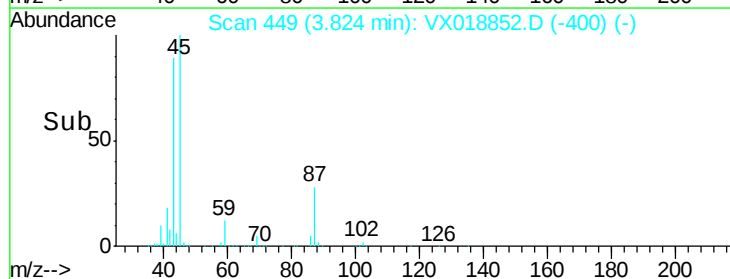
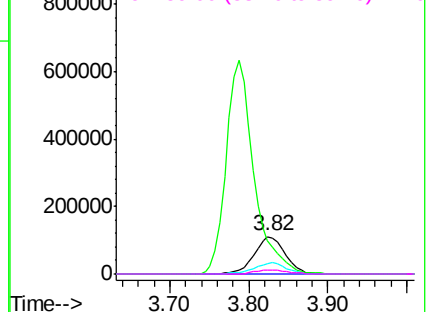


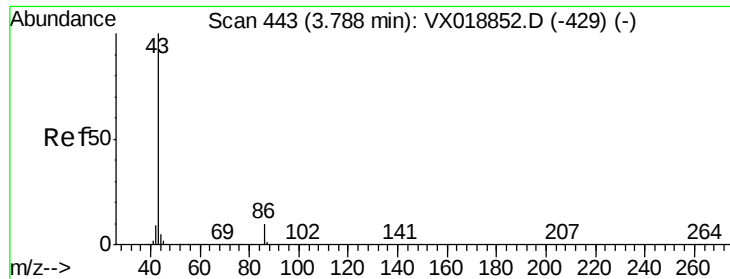
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 240.927 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

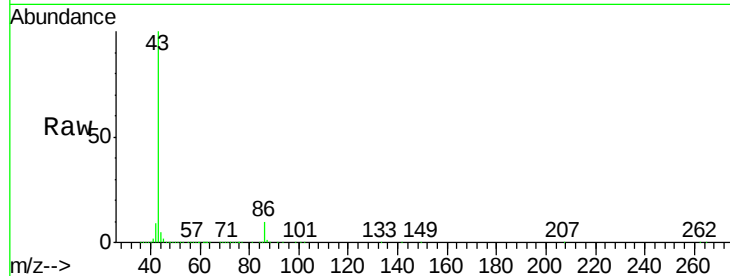
VSTDICCC050

Tgt Ion: 43 Resp: 1554675

Ion Ratio Lower Upper

43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

600000

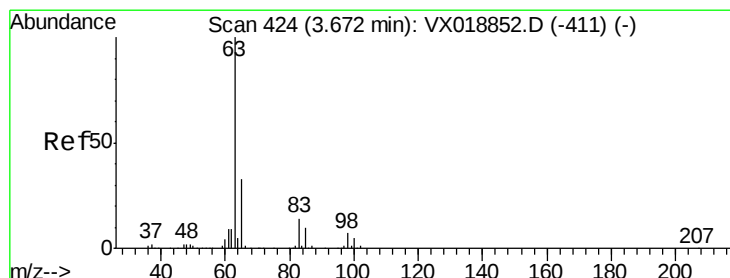
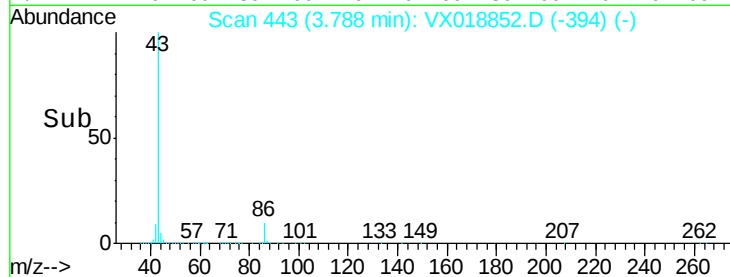
400000

200000

0

Time-->

3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 46.206 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

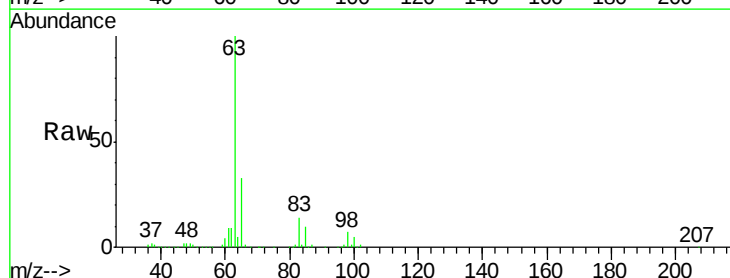
Tgt Ion: 63 Resp: 194908

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 5.1 2.5 7.6



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

3.67

100000

80000

60000

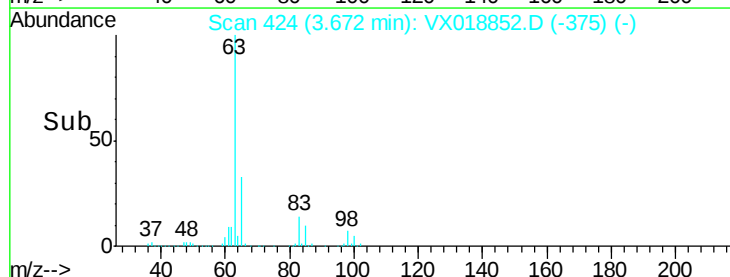
40000

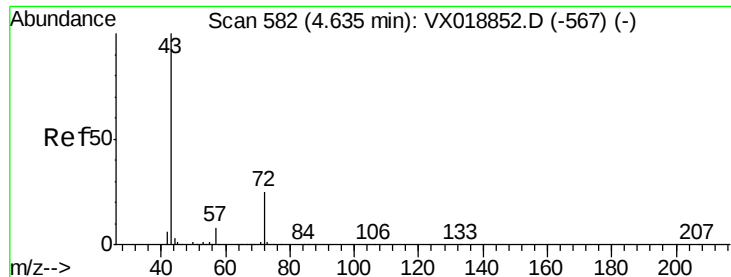
20000

0

Time-->

3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 237.626 ug/l

RT: 4.63 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

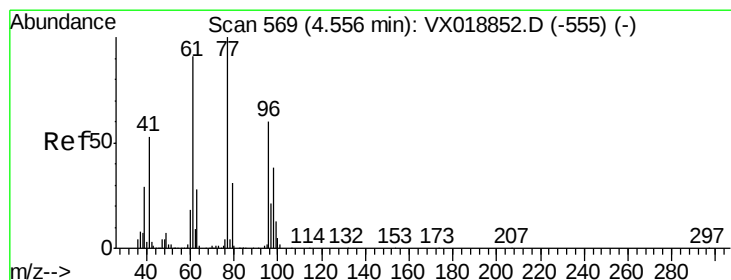
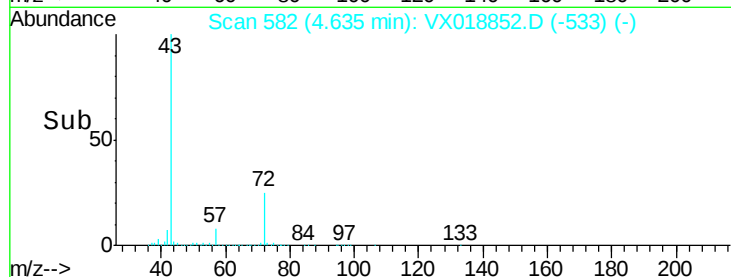
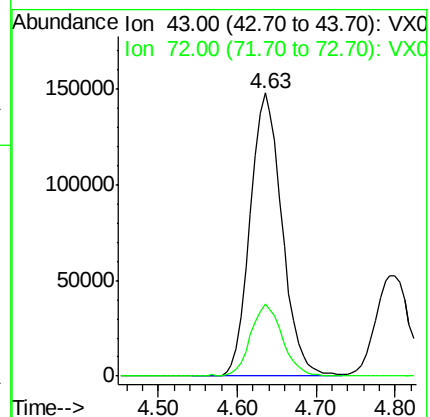
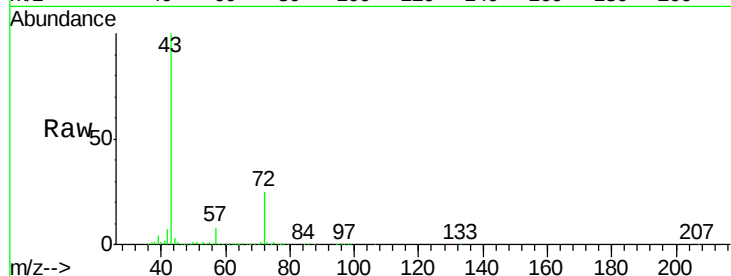
VSTDICCC050

Tgt Ion: 43 Resp: 413961

Ion Ratio Lower Upper

43 100

72 25.3 20.2 30.4



#26

2,2-Dichloropropane

Concen: 48.644 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX018852.D

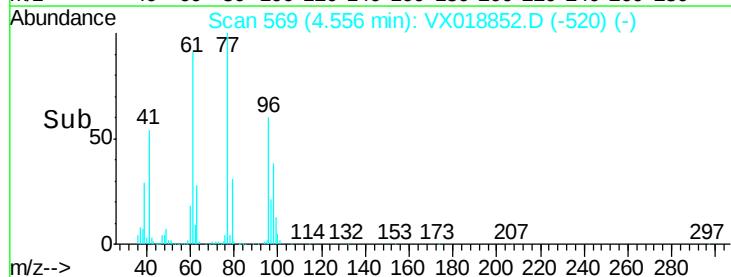
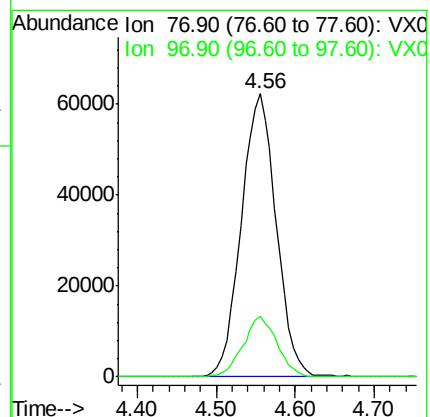
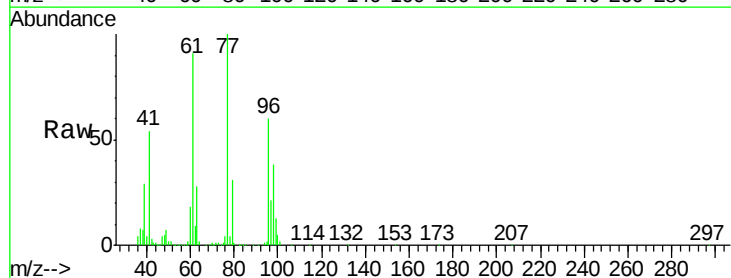
Acq: 09 Oct 2020 12:25

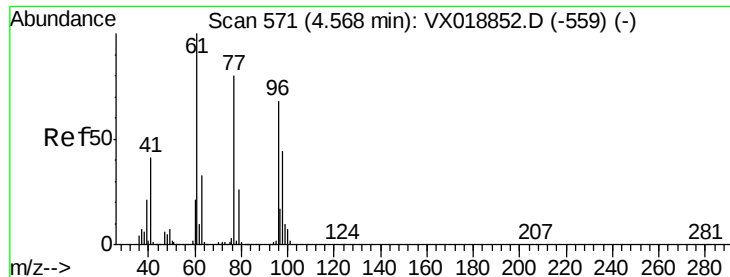
Tgt Ion: 77 Resp: 191947

Ion Ratio Lower Upper

77 100

97 20.9 10.4 31.4



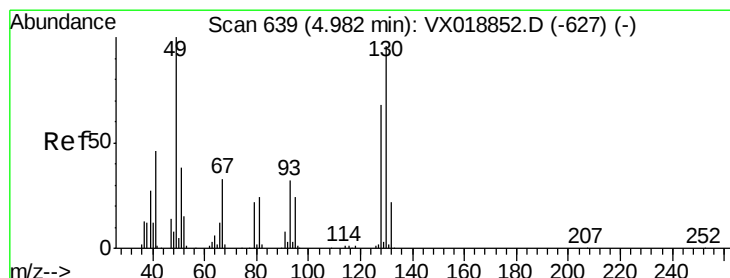
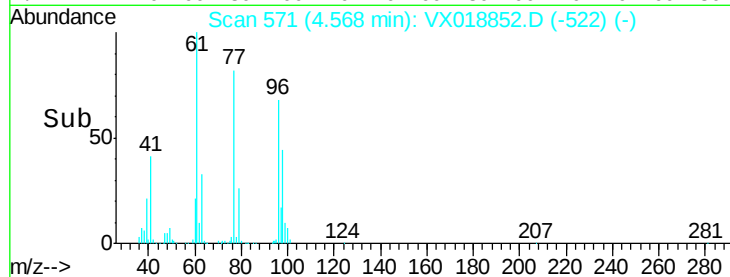
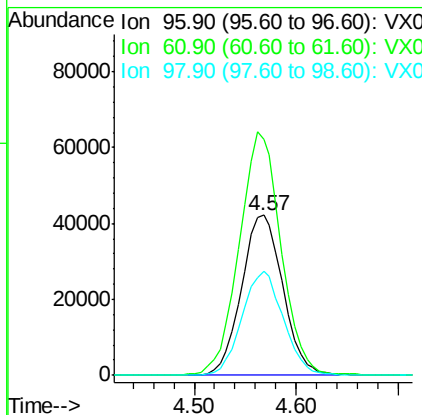
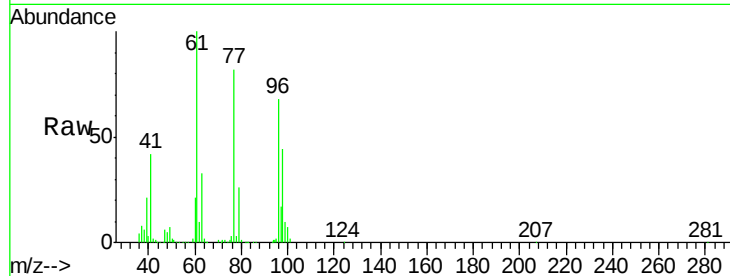


#27

cis-1,2-Dichloroethene
 Concen: 45.635 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

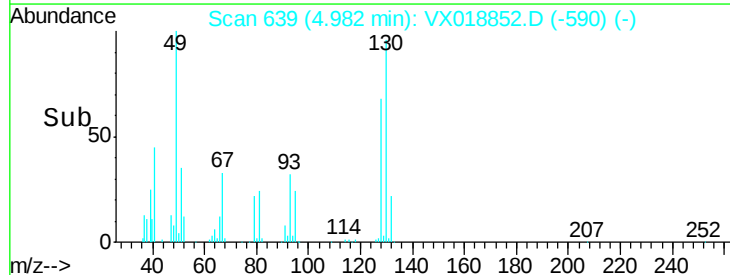
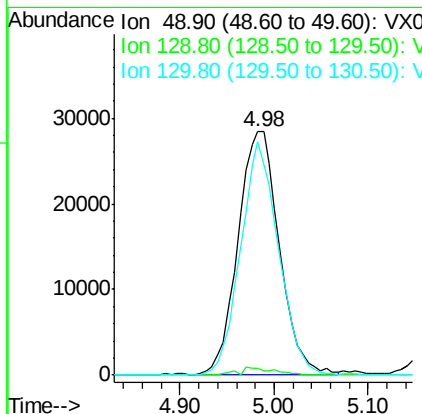
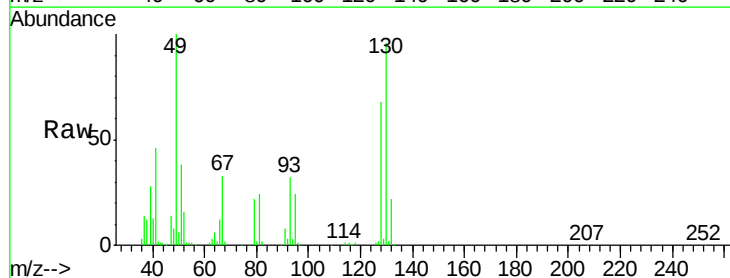
Tgt Ion: 96 Resp: 118960
 Ion Ratio Lower Upper
 96 100
 61 153.4 0.0 306.8
 98 65.1 0.0 130.2

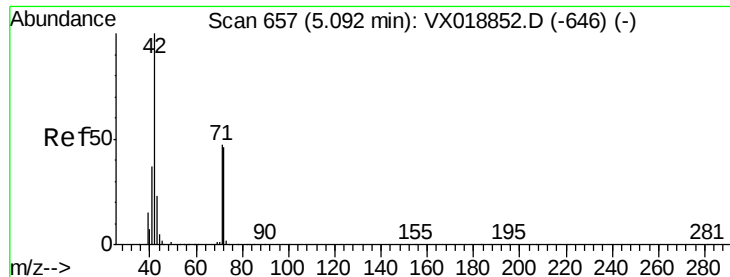


#28

Bromochloromethane
 Concen: 44.472 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion: 49 Resp: 86809
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.4
 130 89.0 71.2 106.8





#29

Tetrahydrofuran

Concen: 207.689 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

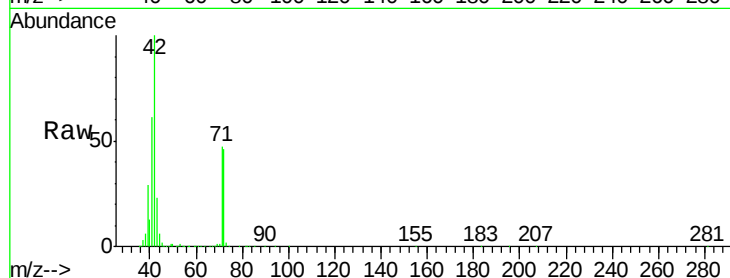
Tgt Ion: 42 Resp: 221955

Ion Ratio Lower Upper

42 100

72 45.5 36.4 54.6

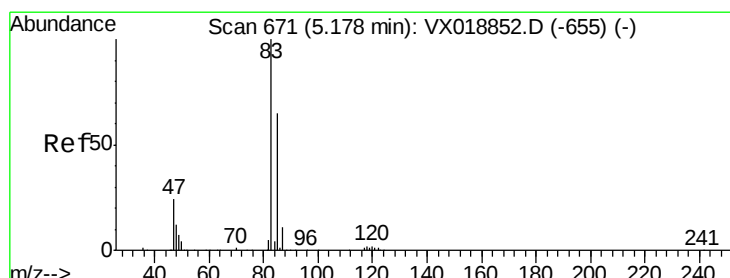
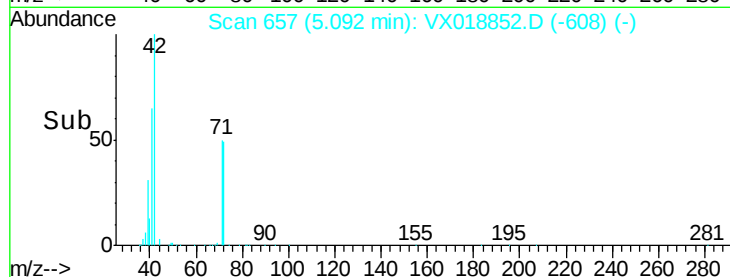
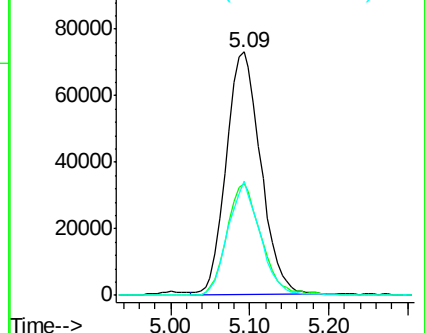
71 44.0 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.105 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018852.D

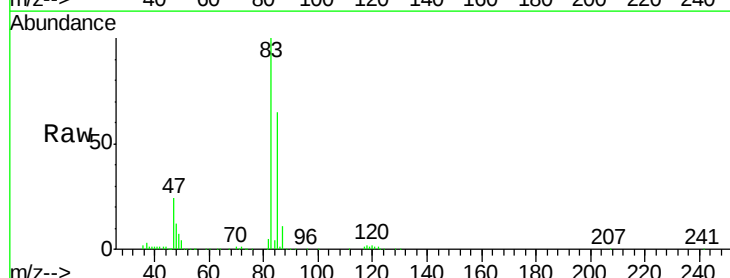
Acq: 09 Oct 2020 12:25

Tgt Ion: 83 Resp: 217166

Ion Ratio Lower Upper

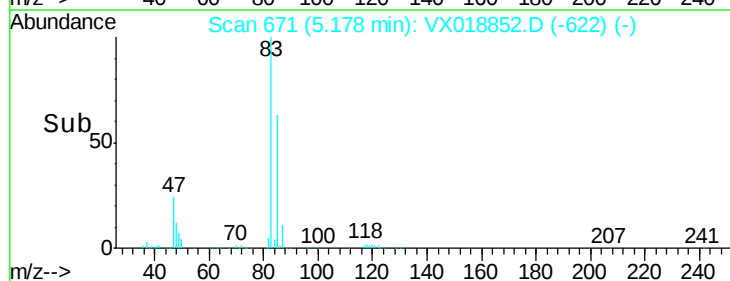
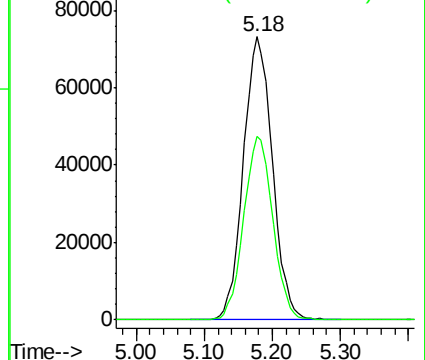
83 100

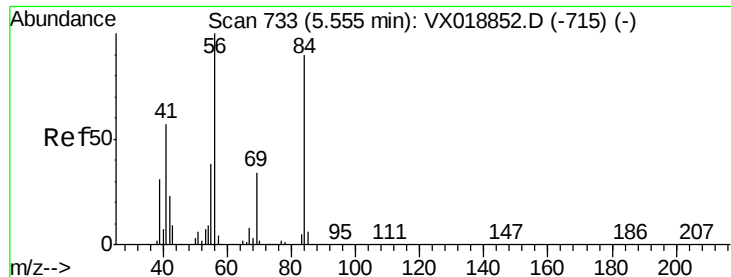
85 64.8 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

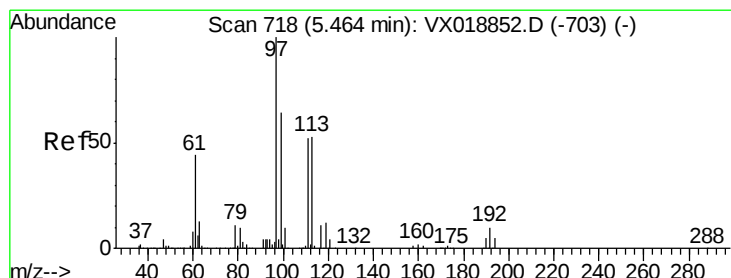
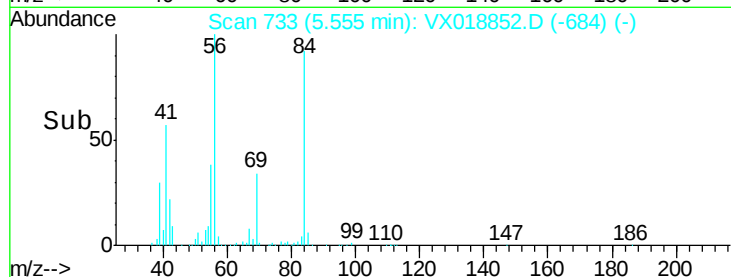
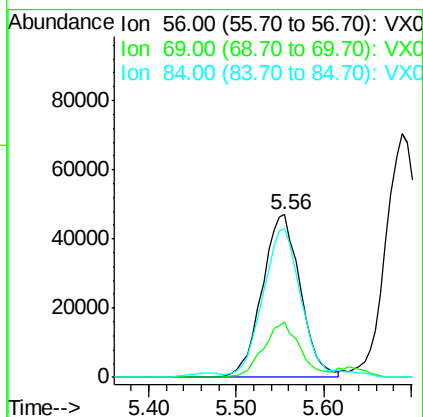
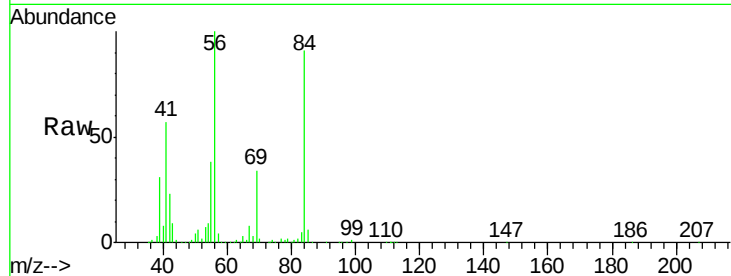




#31
Cyclohexane
Concen: 41.498 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

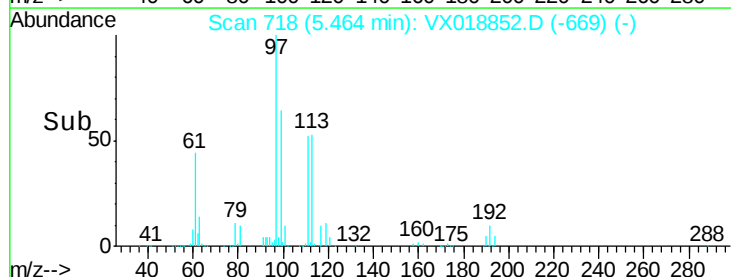
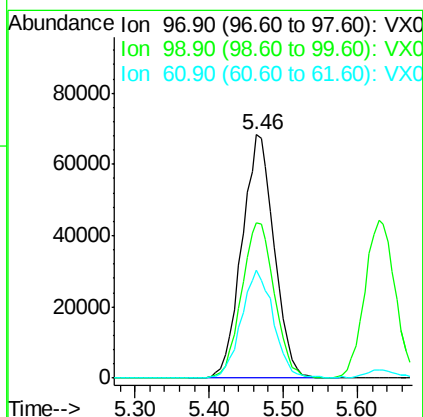
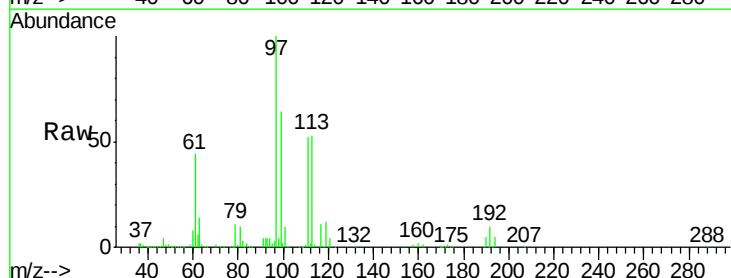
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

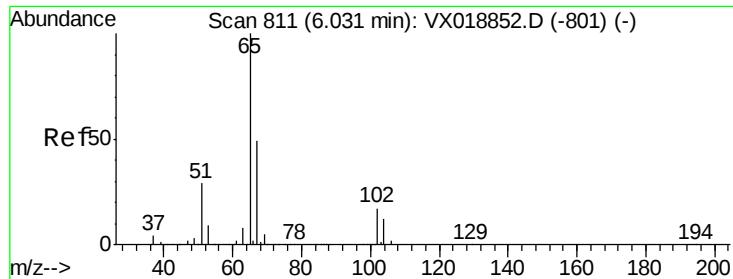
Tgt Ion: 56 Resp: 142748
Ion Ratio Lower Upper
56 100
69 33.9 27.1 40.7
84 89.6 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 50.865 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion: 97 Resp: 207274
Ion Ratio Lower Upper
97 100
99 65.1 52.1 78.1
61 44.1 35.3 52.9

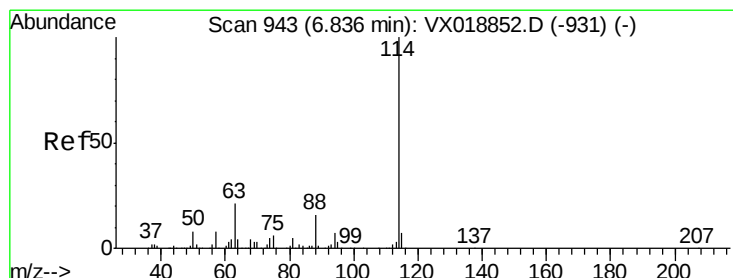
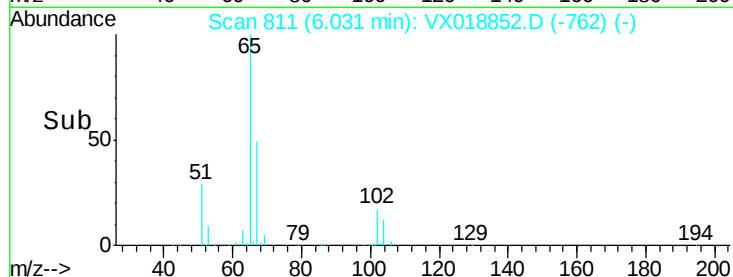
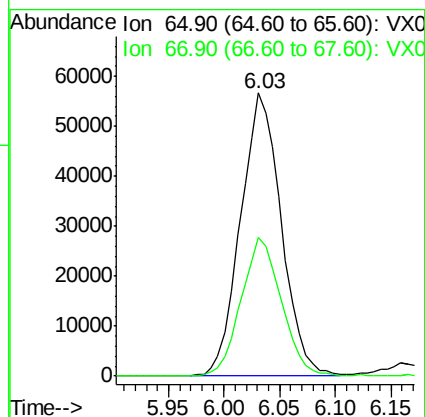
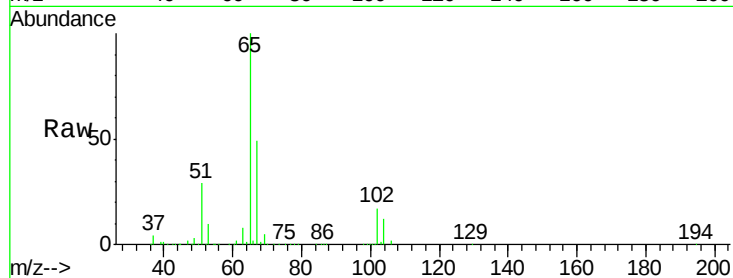




#33
 1,2-Dichloroethane-d4
 Concen: 48.227 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

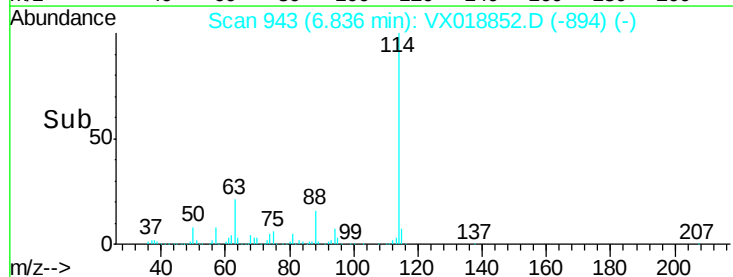
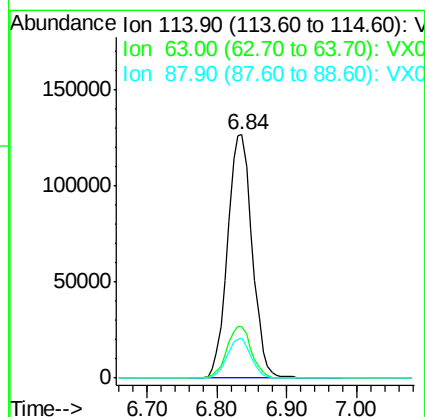
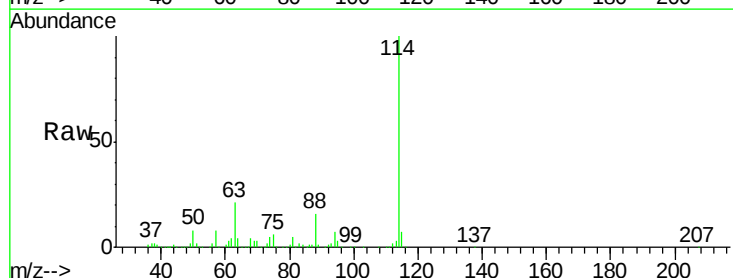
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

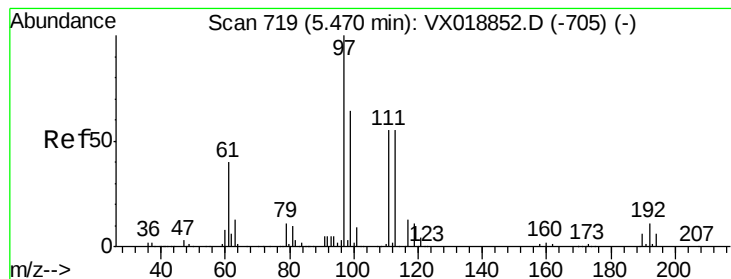
Tgt Ion: 65 Resp: 144073
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion: 114 Resp: 309168
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.4
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.886 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

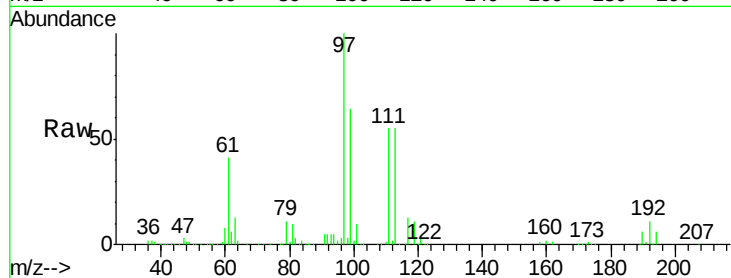
Tgt Ion:113 Resp: 105699

Ion Ratio Lower Upper

113 100

111 100.1 80.1 120.1

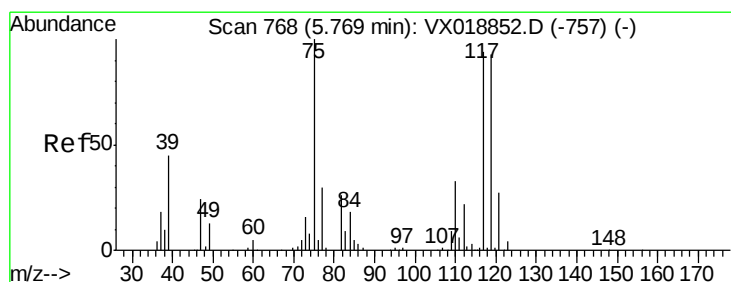
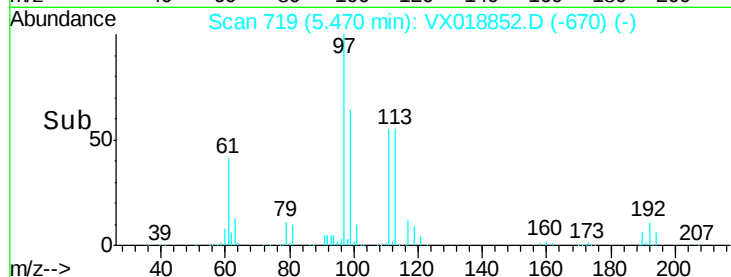
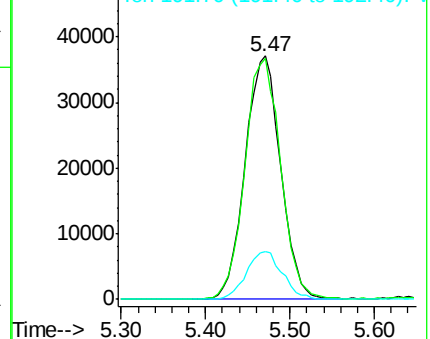
192 20.0 16.0 24.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.924 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

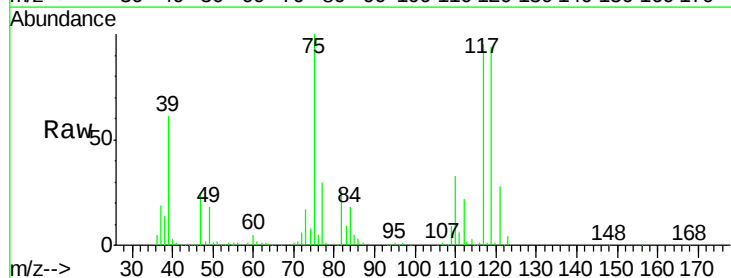
Tgt Ion: 75 Resp: 153507

Ion Ratio Lower Upper

75 100

110 35.7 17.8 53.5

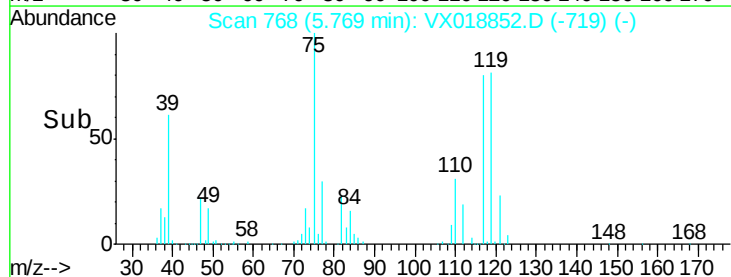
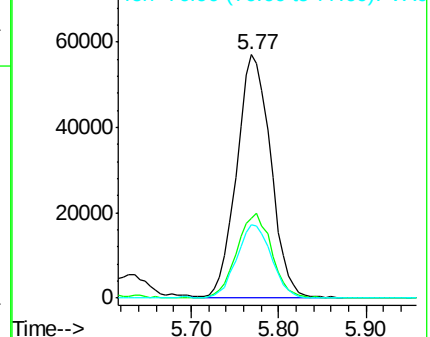
77 30.3 24.2 36.4

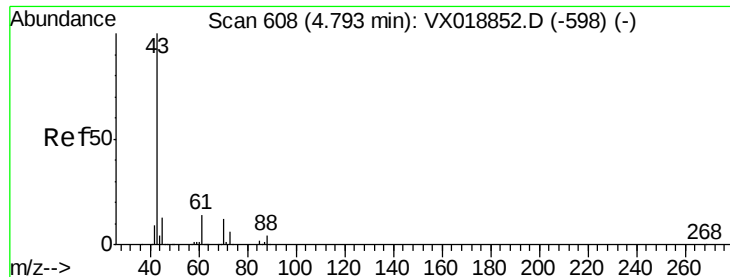


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

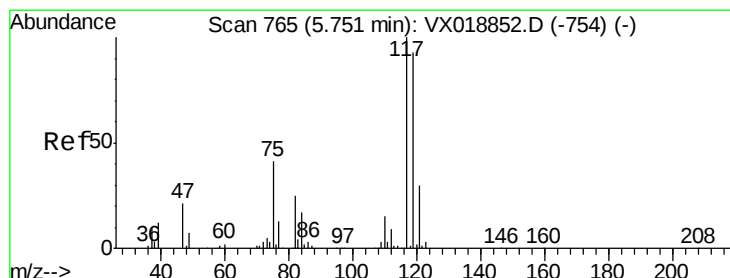
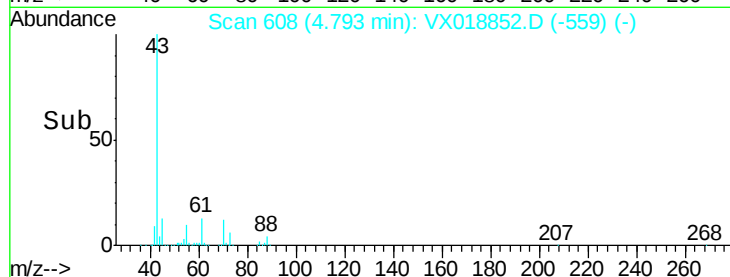
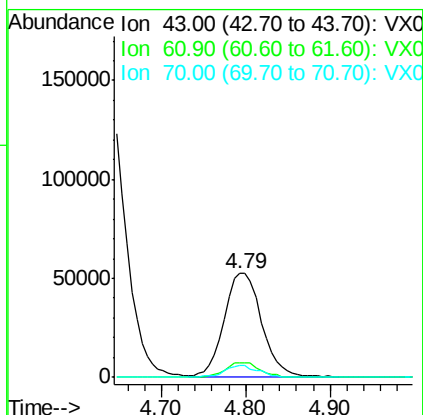
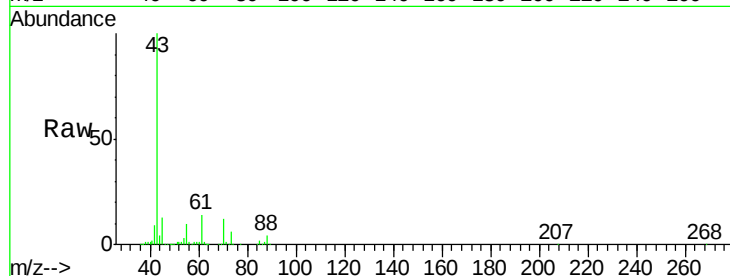




#37
 Ethyl Acetate
 Concen: 49.830 ug/l
 RT: 4.79 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

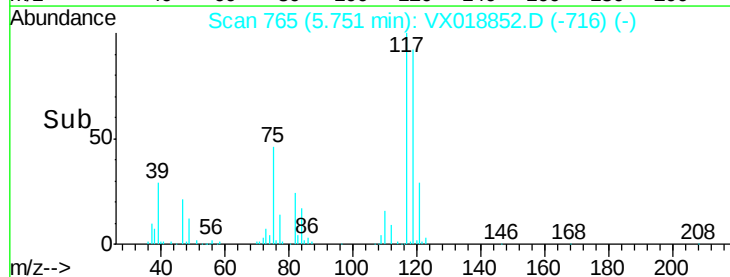
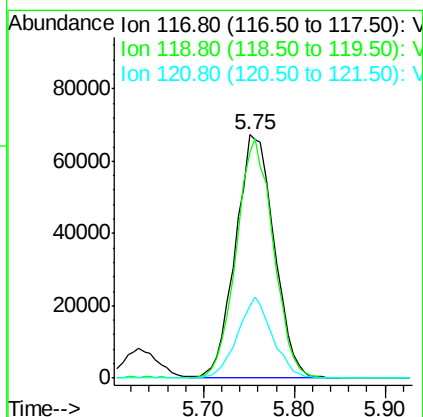
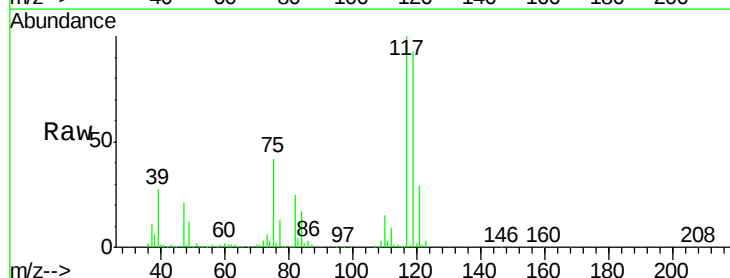
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

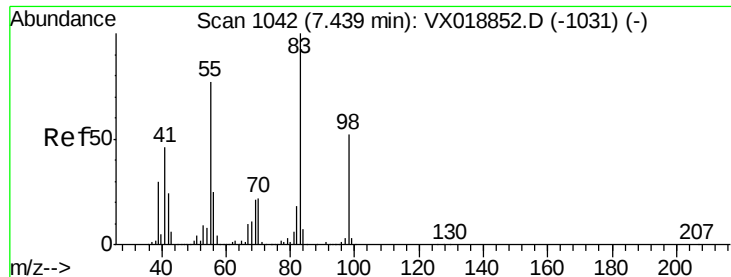
Tgt Ion: 43 Resp: 159101
 Ion Ratio Lower Upper
 43 100
 61 13.6 10.9 16.3
 70 10.8 8.6 13.0



#38
 Carbon Tetrachloride
 Concen: 58.140 ug/l
 RT: 5.75 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion: 117 Resp: 198774
 Ion Ratio Lower Upper
 117 100
 119 92.4 73.9 110.9
 121 29.5 23.6 35.4

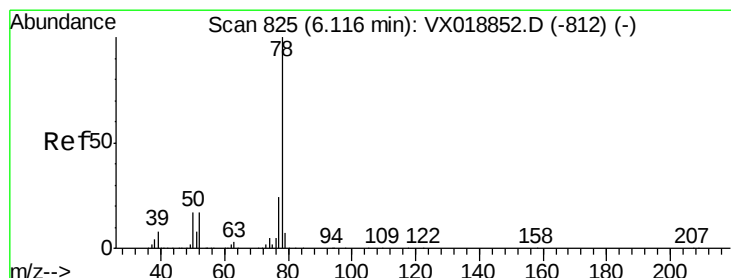
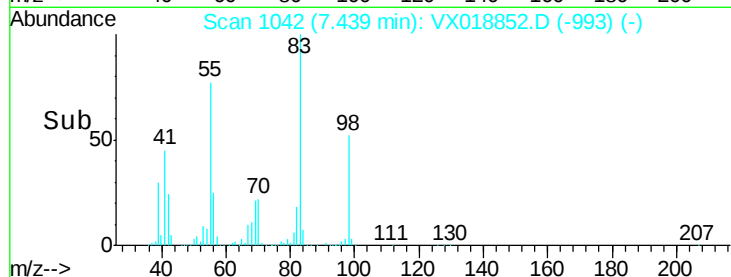
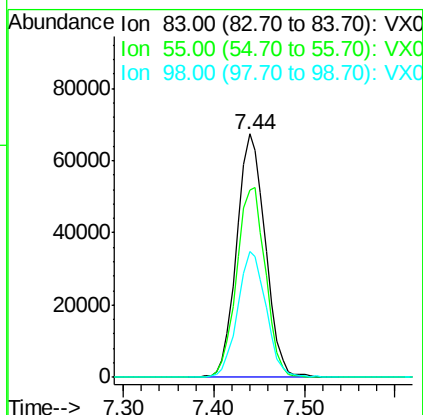
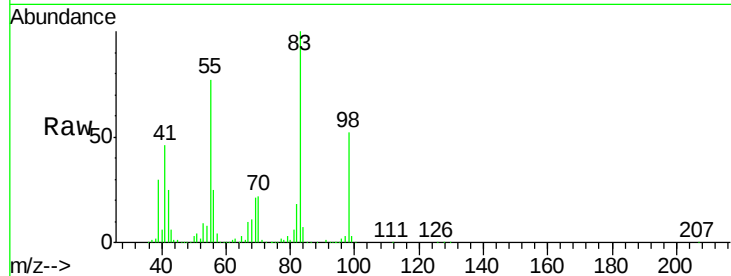




#39
Methylcyclohexane
Concen: 44.748 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

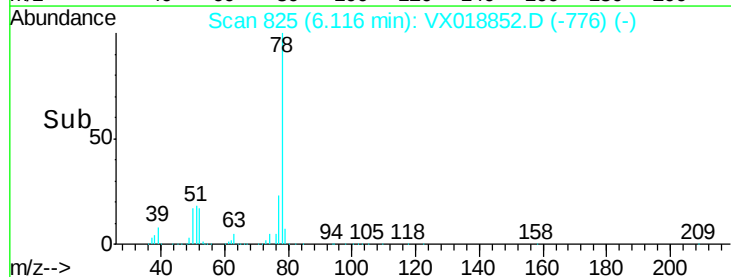
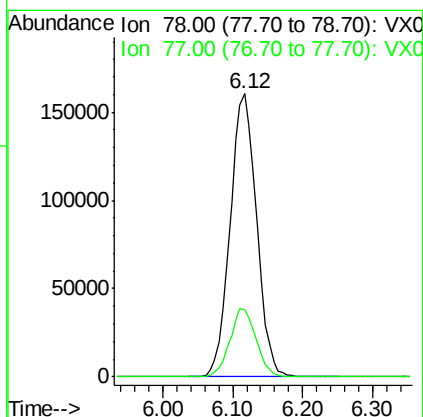
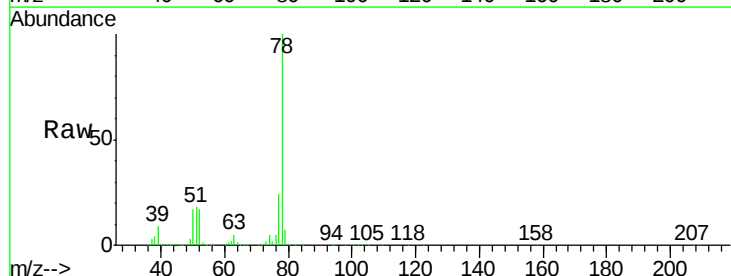
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

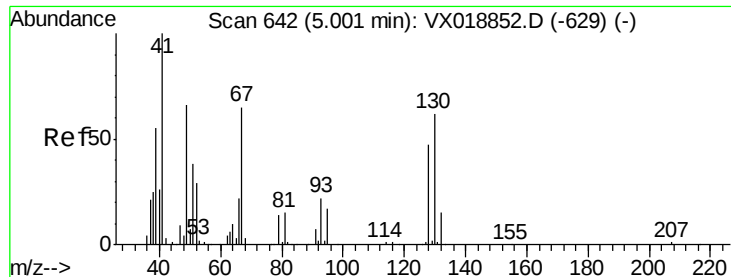
Tgt Ion: 83 Resp: 147684
Ion Ratio Lower Upper
83 100
55 77.2 61.8 92.6
98 51.7 41.4 62.0



#40
Benzene
Concen: 49.075 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion: 78 Resp: 421526
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

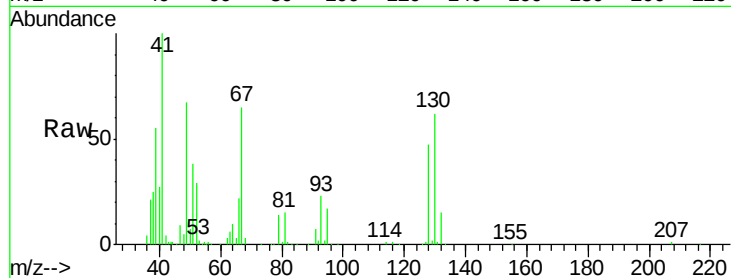




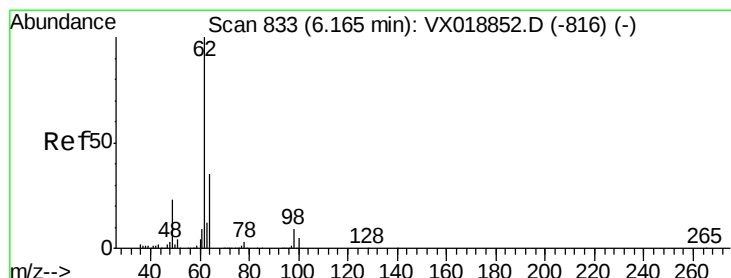
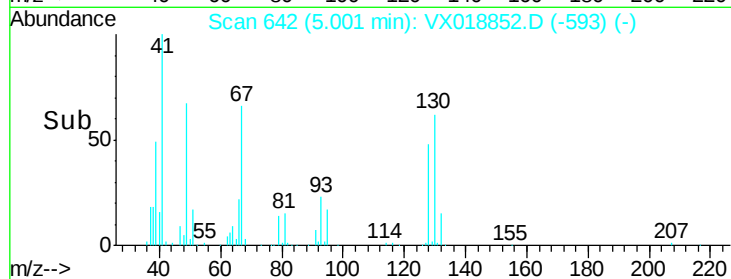
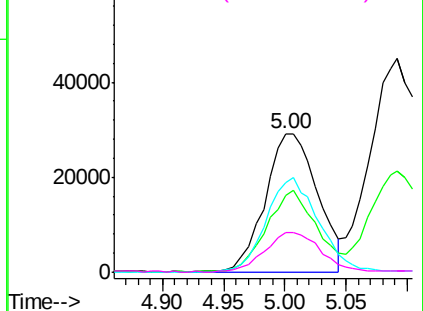
#41
Methacrylonitrile
Concen: 48.967 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	87024
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.4	68.2
67	69.3	55.4	83.2
52	29.8	23.8	35.8

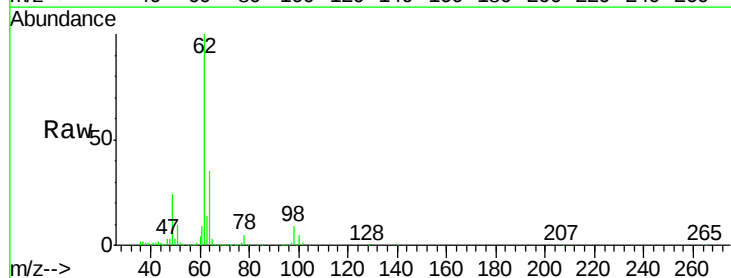


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

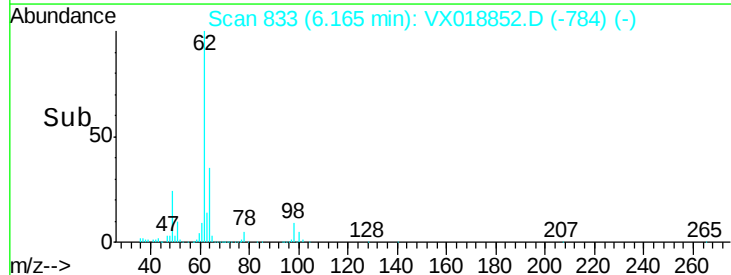
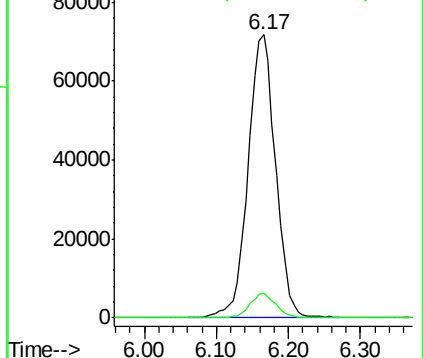


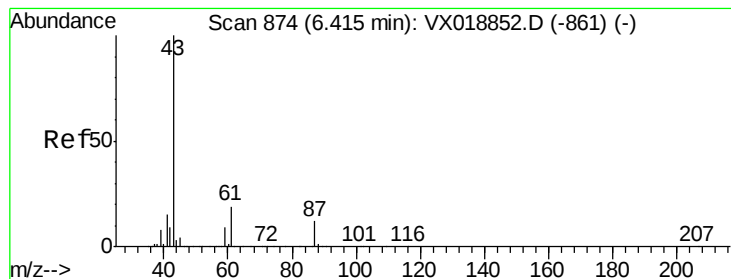
#42
1,2-Dichloroethane
Concen: 55.531 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion:	62	Resp:	190365
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.4



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





#43

Isopropyl Acetate

Concen: 48.645 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

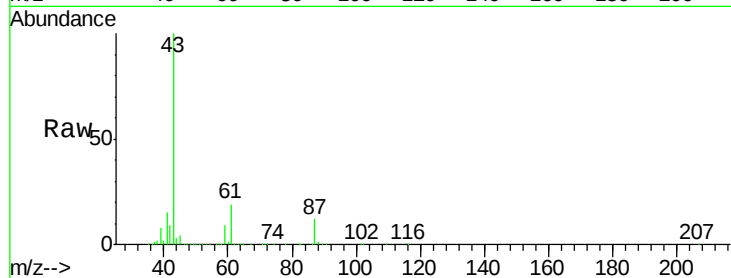
Tgt Ion: 43 Resp: 256739

Ion Ratio Lower Upper

43 100

61 19.4 15.5 23.3

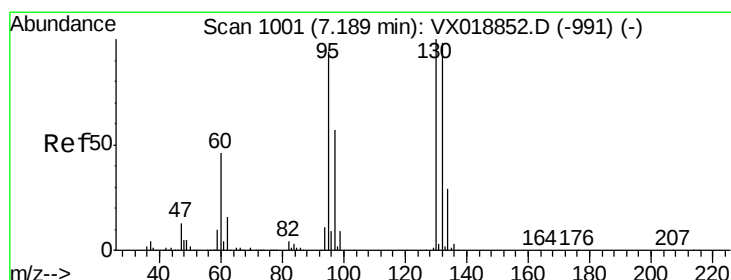
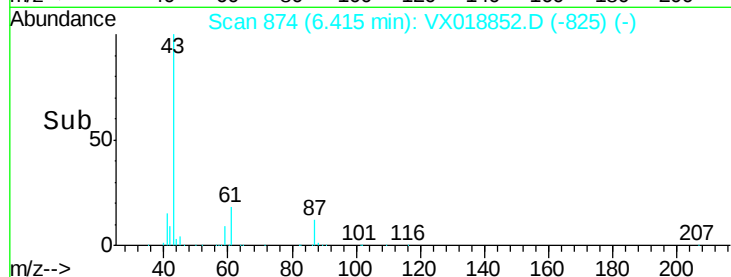
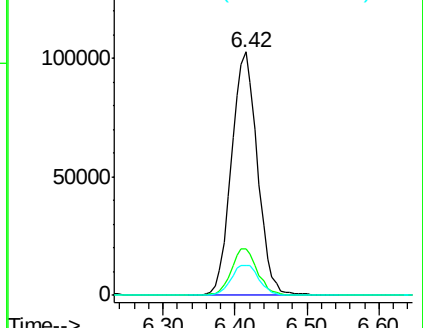
87 13.5 10.8 16.2



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: 49.713 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018852.D

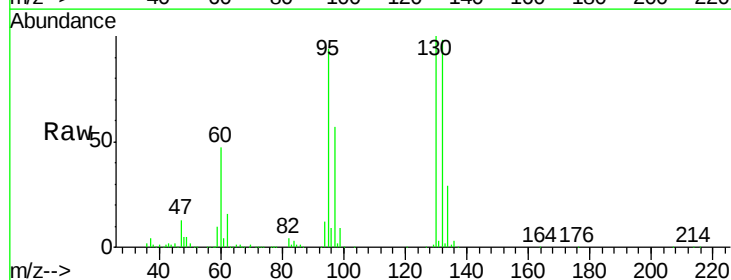
Acq: 09 Oct 2020 12:25

Tgt Ion: 130 Resp: 123981

Ion Ratio Lower Upper

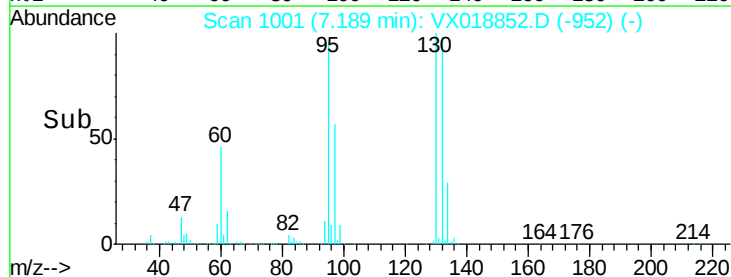
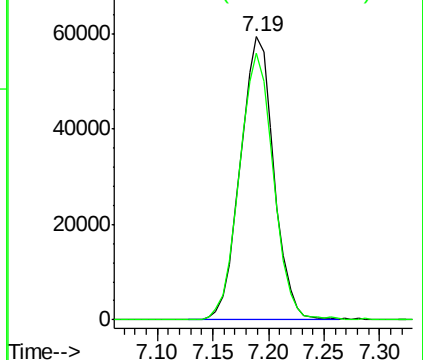
130 100

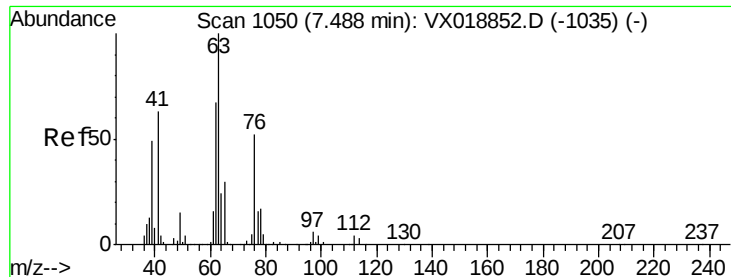
95 94.2 0.0 188.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 46.877 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

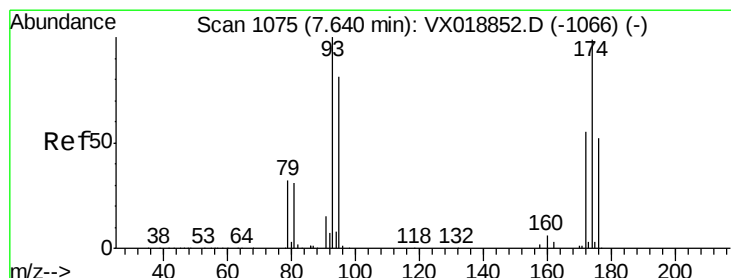
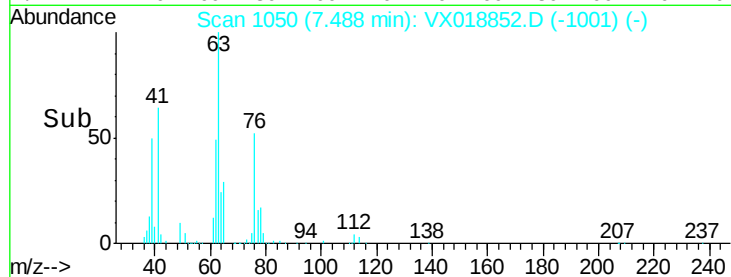
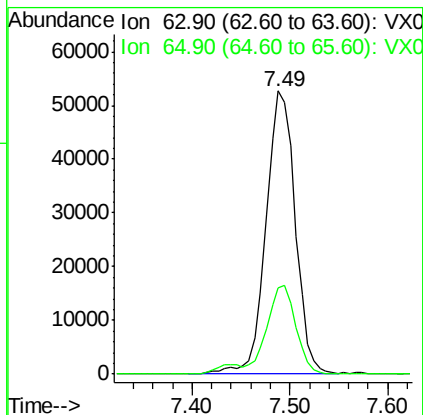
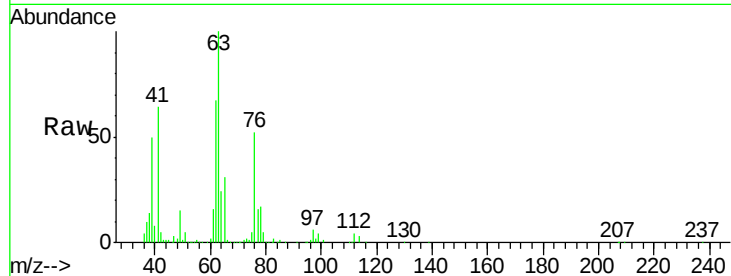
VSTDICCC050

Tgt Ion: 63 Resp: 110033

Ion Ratio Lower Upper

63 100

65 30.3 24.2 36.4



#46

Dibromomethane

Concen: 50.242 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

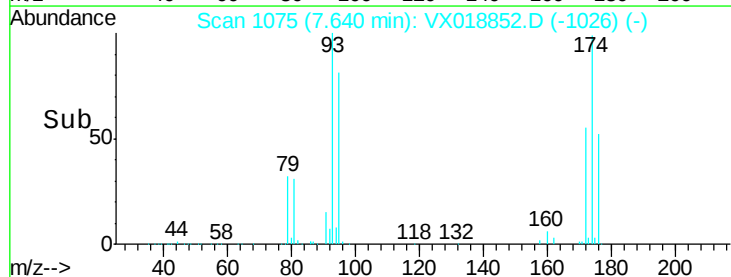
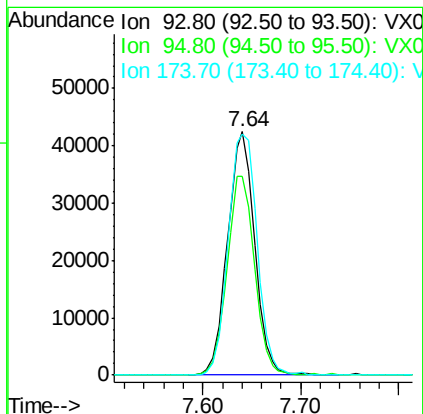
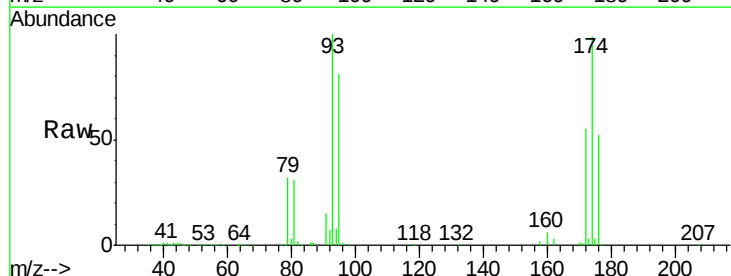
Tgt Ion: 93 Resp: 81691

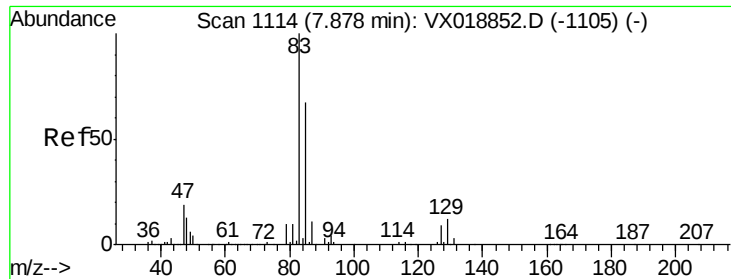
Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 105.8 84.6 127.0





#47

Bromodichloromethane

Concen: 53.834 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

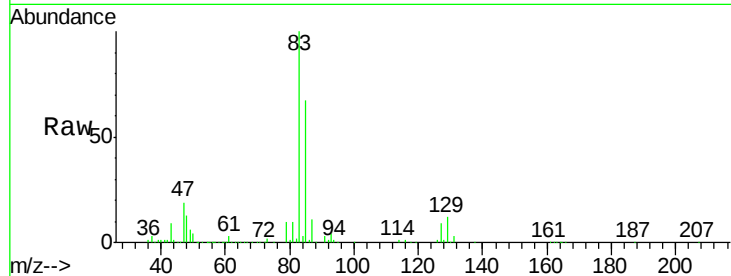
Tgt Ion: 83 Resp: 178777

Ion Ratio Lower Upper

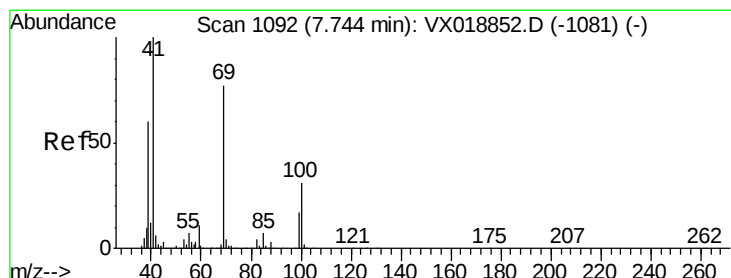
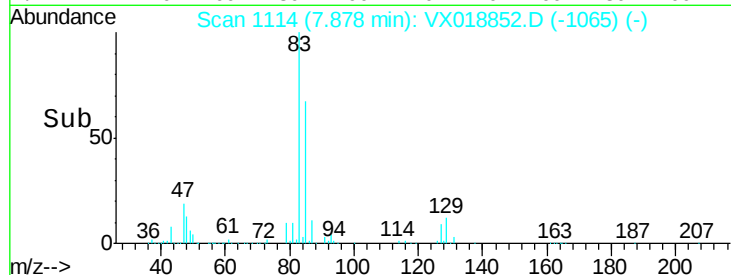
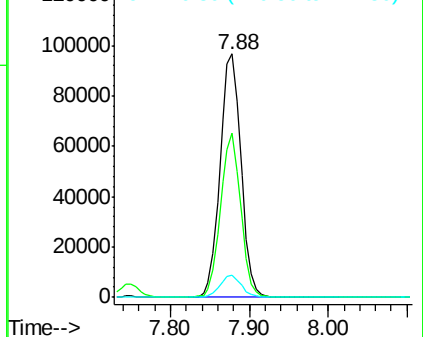
83 100

85 67.2 53.8 80.6

127 9.4 7.5 11.3



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: 51.305 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

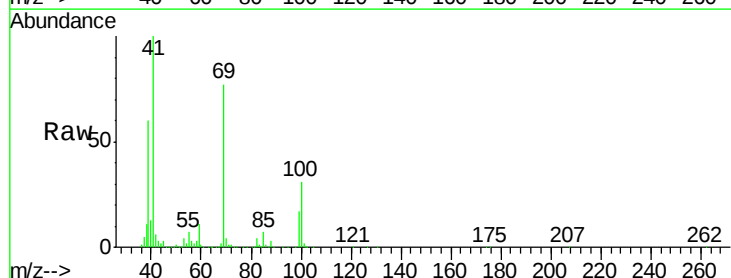
Tgt Ion: 41 Resp: 132743

Ion Ratio Lower Upper

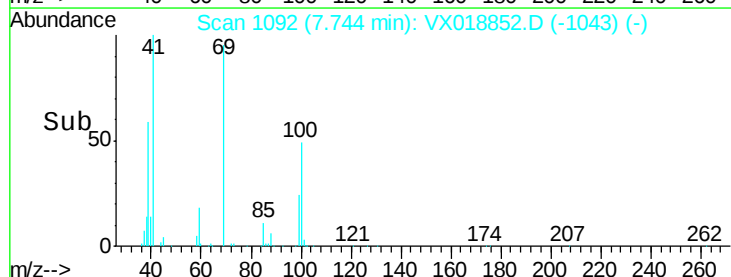
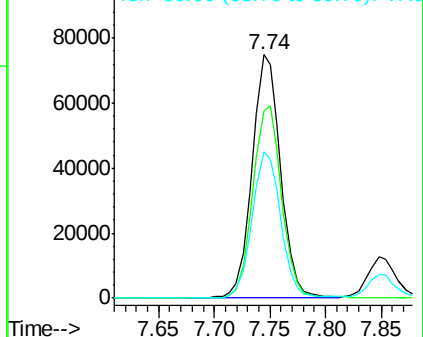
41 100

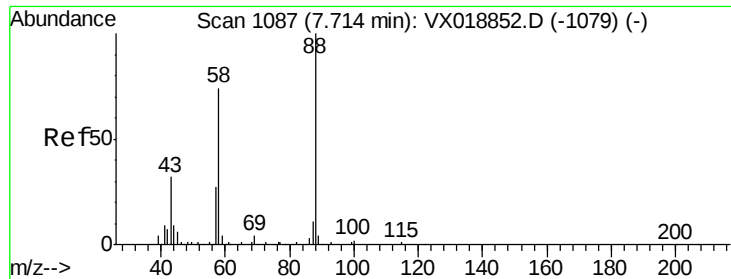
69 80.8 64.6 97.0

39 60.8 48.6 73.0



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

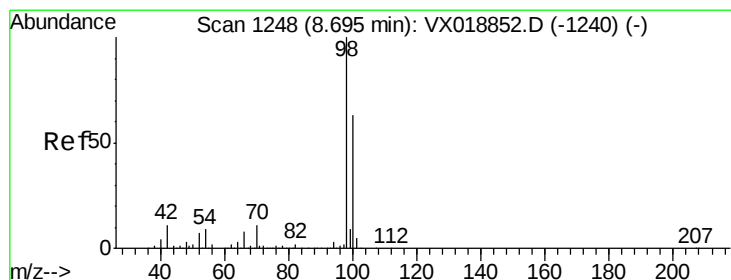
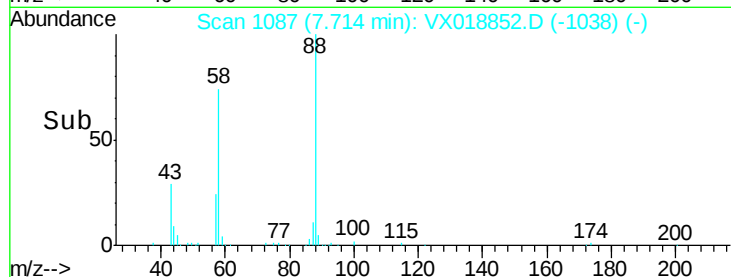
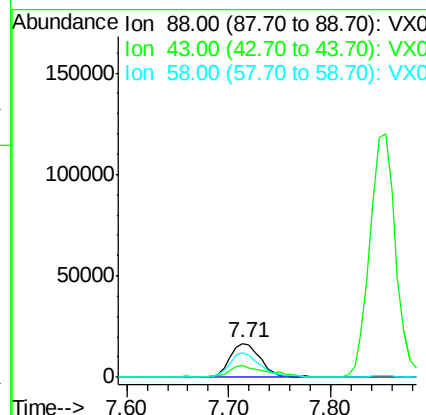
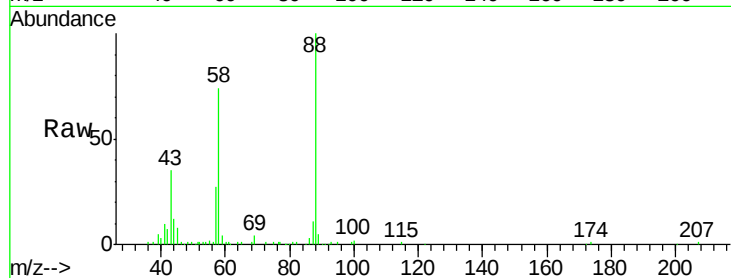




#49
1,4-Dioxane
Concen: 849.373 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

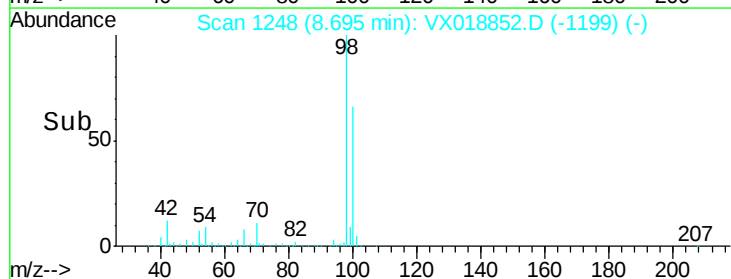
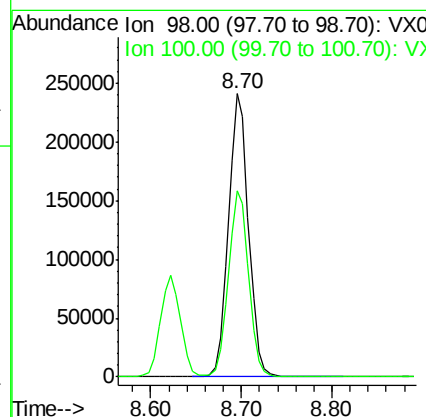
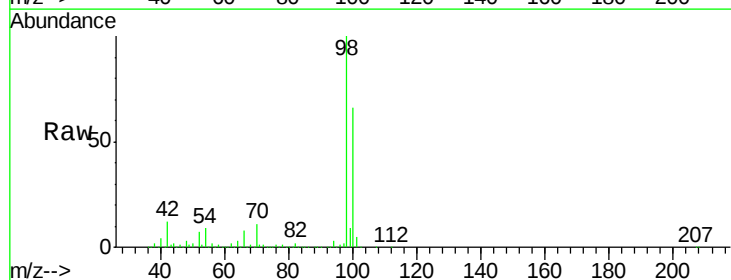
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

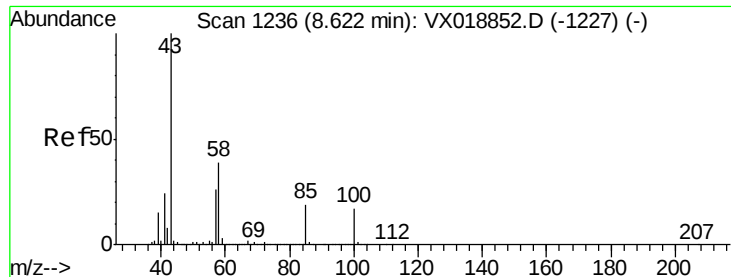
Tgt Ion: 88 Resp: 35492
Ion Ratio Lower Upper
88 100
43 38.8 31.0 46.6
58 74.1 59.3 88.9



#50
Toluene-d8
Concen: 47.924 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion: 98 Resp: 372939
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

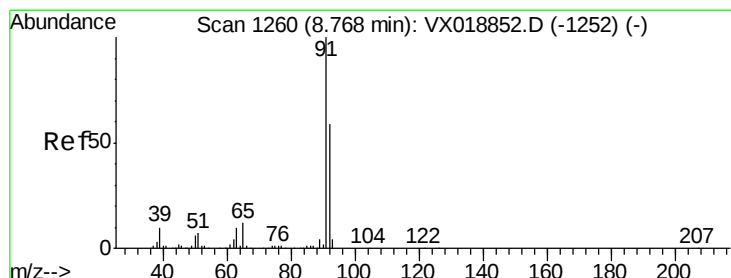
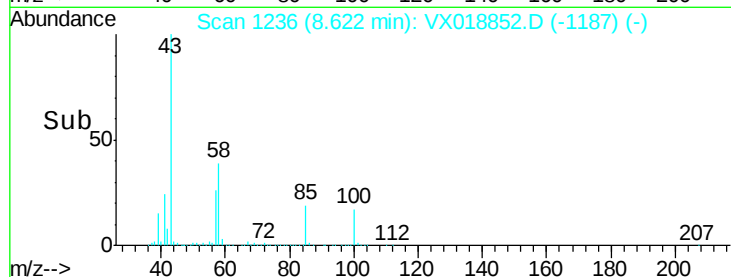
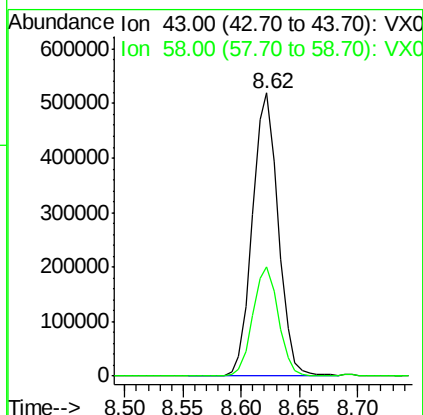
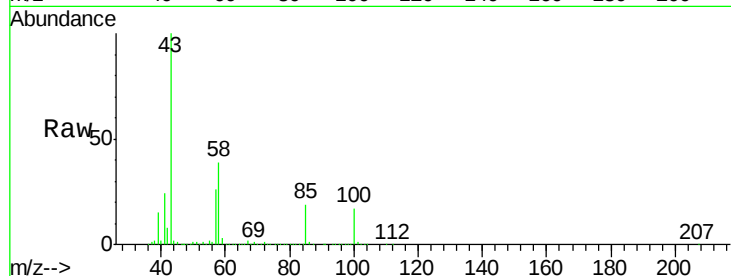




#51
 4-Methyl-2-Pentanone
 Concen: 254.870 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

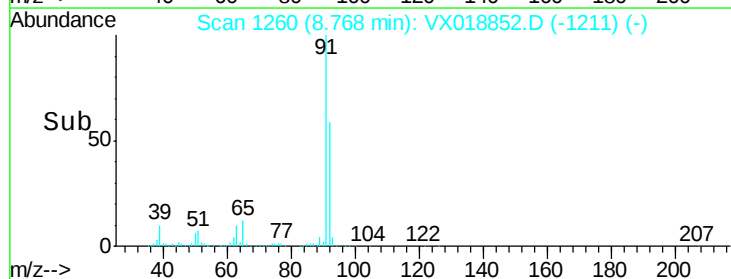
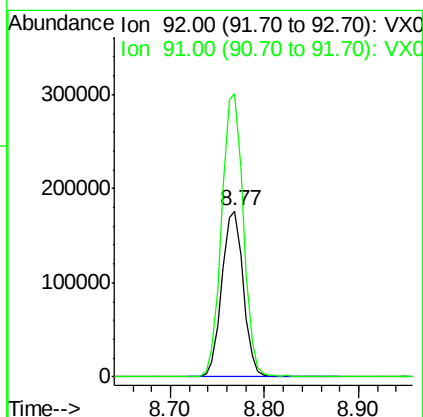
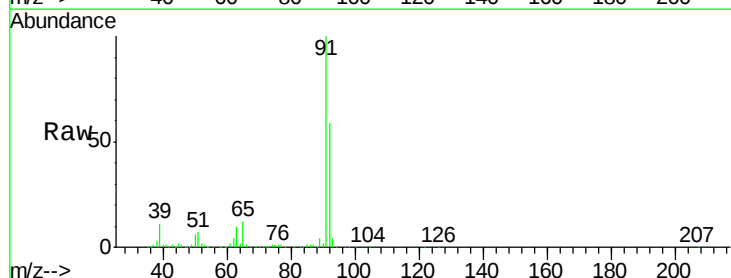
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

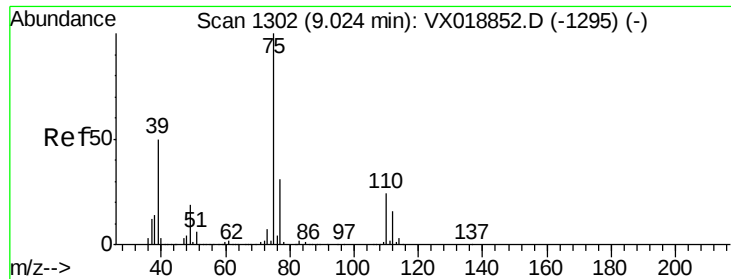
Tgt Ion: 43 Resp: 804524
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.9 46.3



#52
 Toluene
 Concen: 51.098 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion: 92 Resp: 278416
 Ion Ratio Lower Upper
 92 100
 91 172.8 138.2 207.4

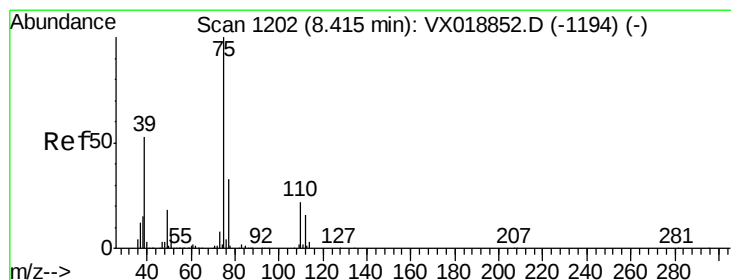
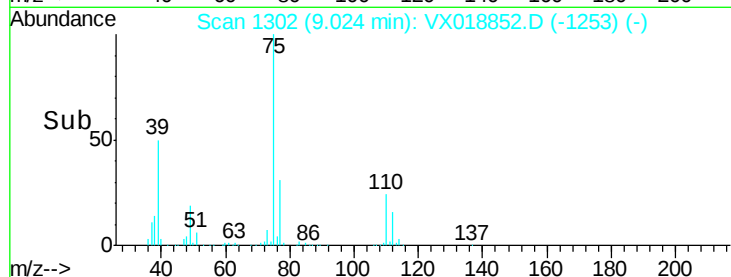
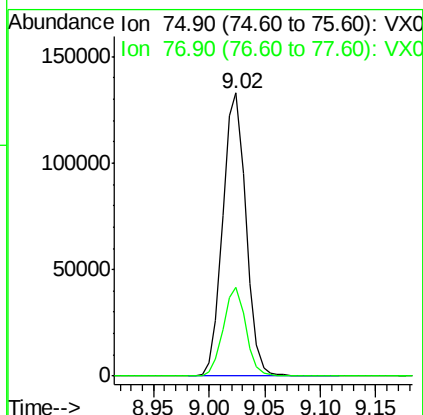
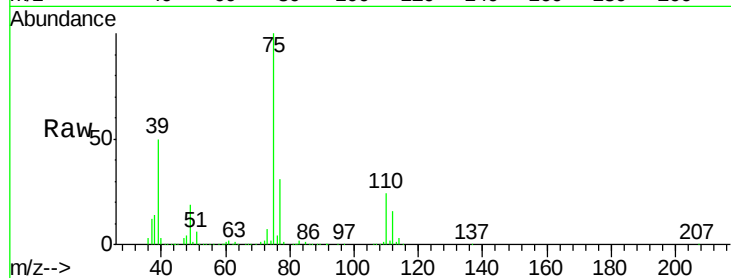




#53
t-1,3-Dichloropropene
Concen: 51.427 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

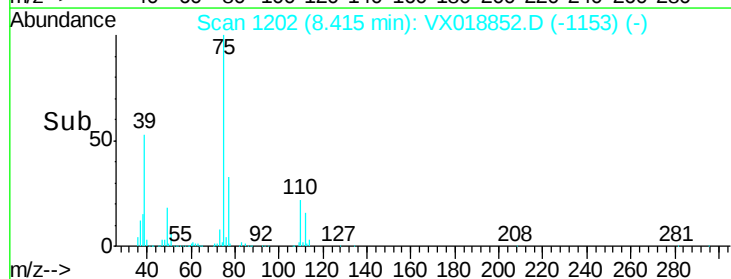
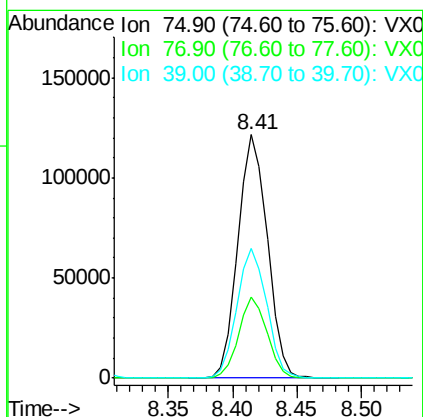
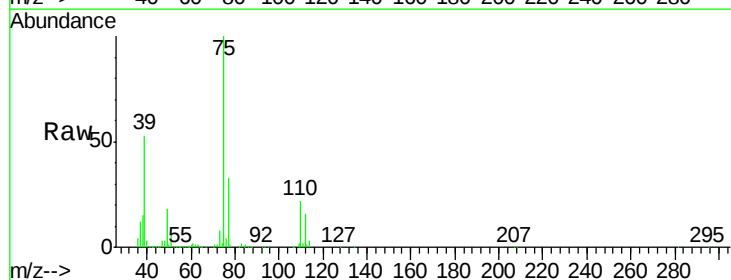
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

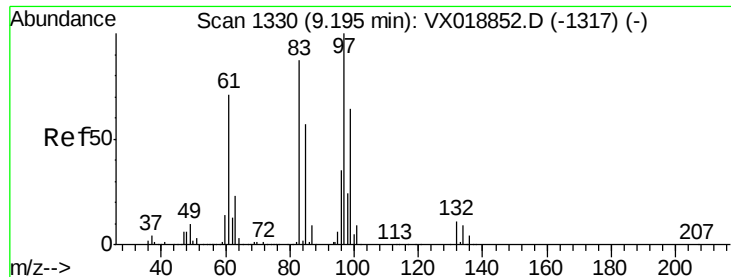
Tgt Ion: 75 Resp: 192432
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 50.448 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion: 75 Resp: 192965
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8
39 53.3 42.6 64.0

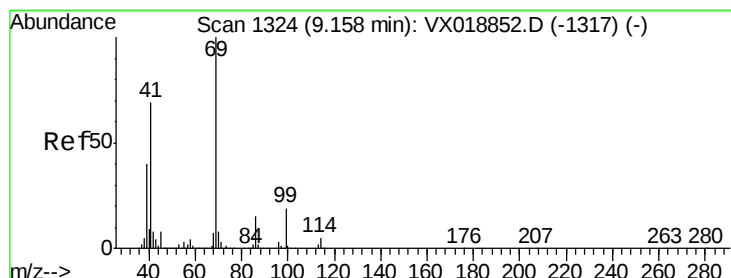
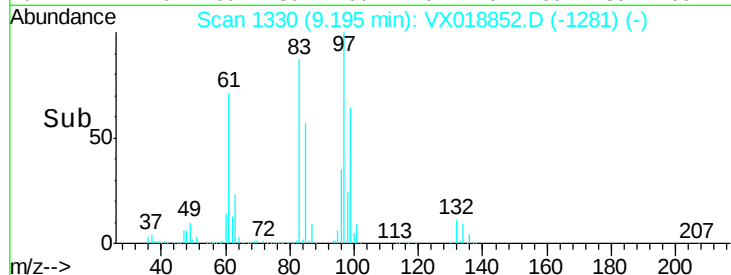
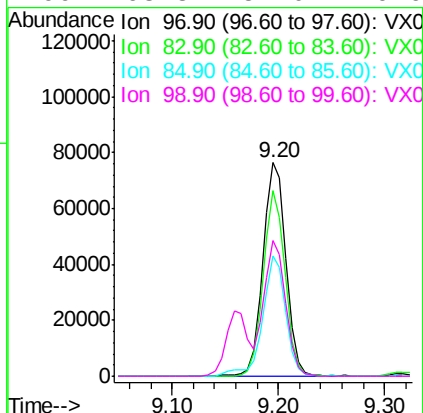
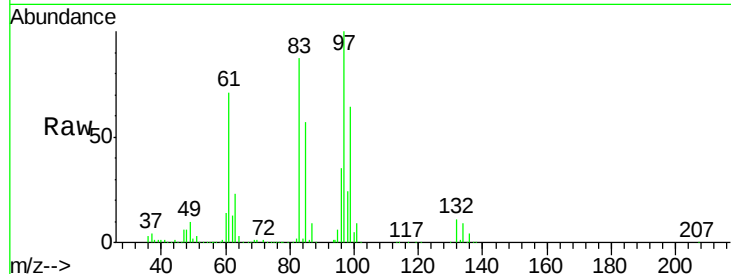




#55
 1,1,2-Trichloroethane
 Concen: 51.162 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

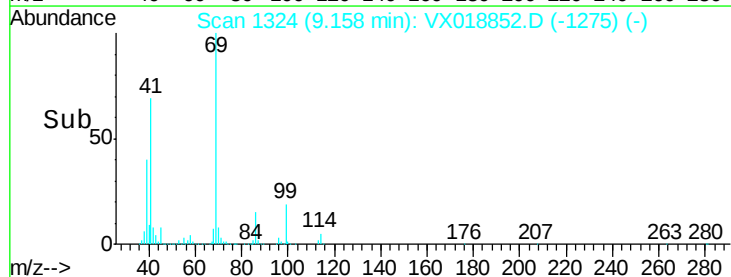
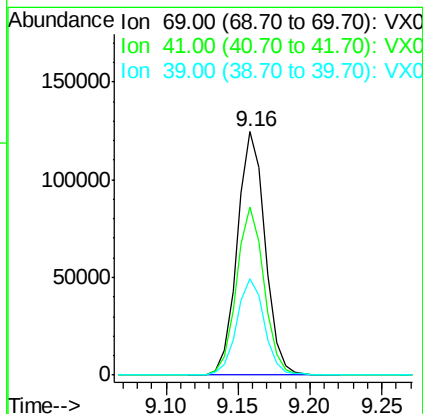
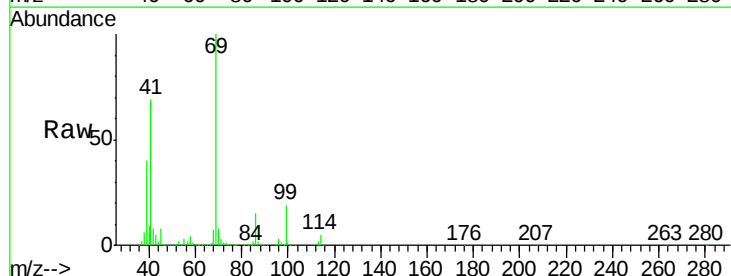
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

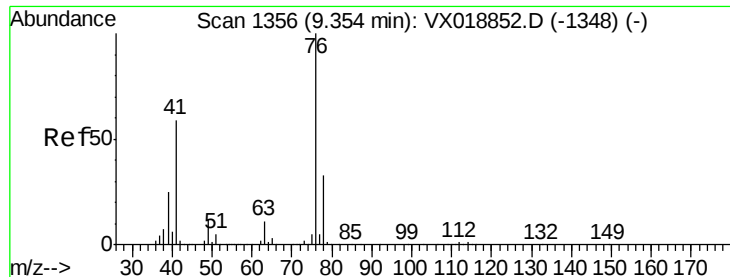
Tgt Ion: 97 Resp: 115489
 Ion Ratio Lower Upper
 97 100
 83 86.6 69.3 103.9
 85 56.6 45.3 67.9
 99 63.8 51.0 76.6



#56
 Ethyl methacrylate
 Concen: 50.567 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion: 69 Resp: 167344
 Ion Ratio Lower Upper
 69 100
 41 68.2 54.6 81.8
 39 39.4 31.5 47.3





#57

1,3-Dichloropropane

Concen: 50.981 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

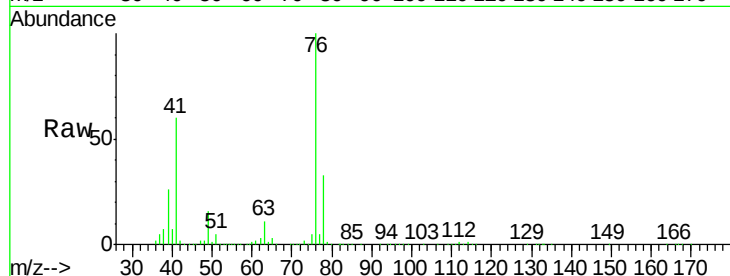
VSTDICCC050

Tgt Ion: 76 Resp: 193405

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

150000

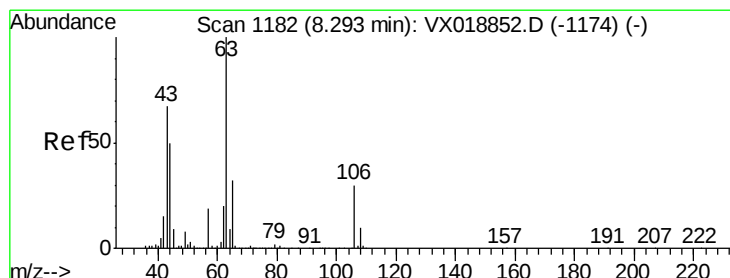
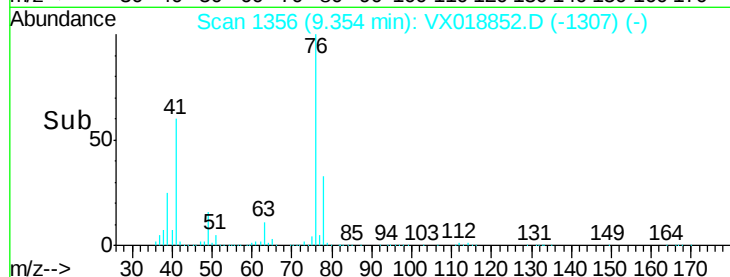
100000

50000

0

Time-->

9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 255.150 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018852.D

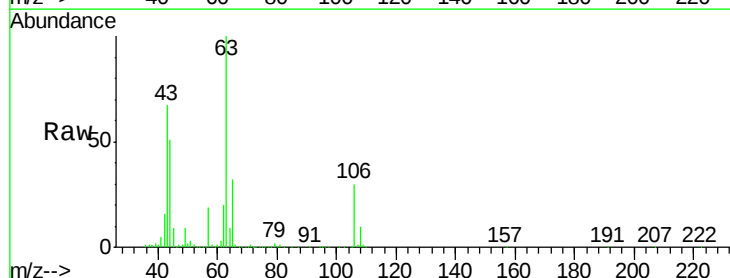
Acq: 09 Oct 2020 12:25

Tgt Ion: 63 Resp: 451248

Ion Ratio Lower Upper

63 100

106 30.3 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

300000

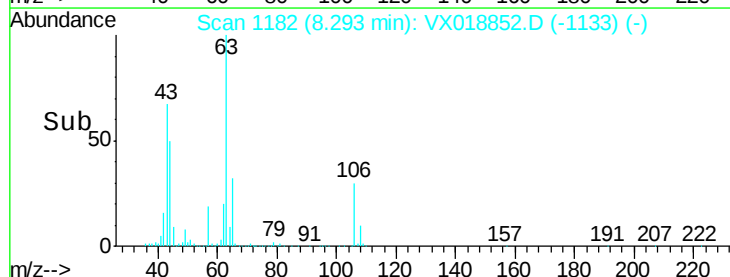
200000

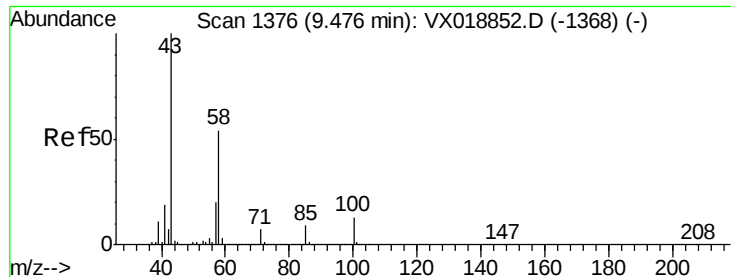
100000

0

Time-->

8.20 8.25 8.30 8.35 8.40

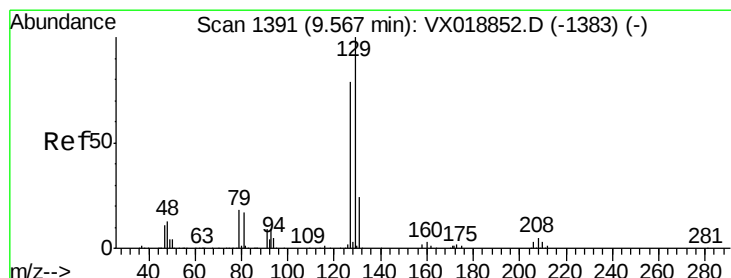
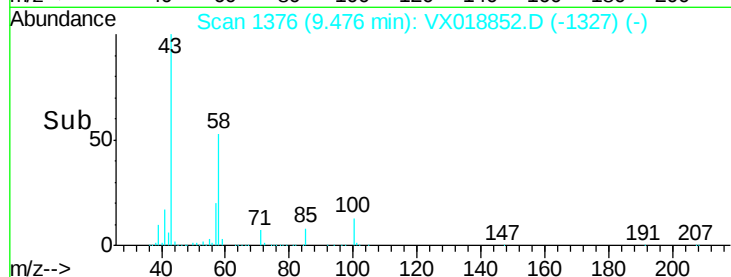
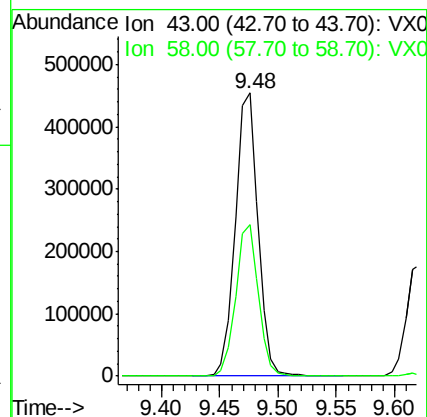
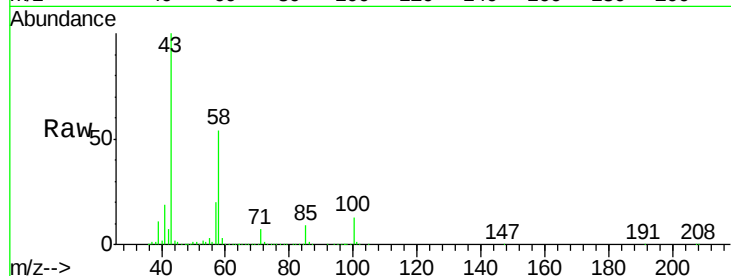




#59
2-Hexanone
Concen: 257.472 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

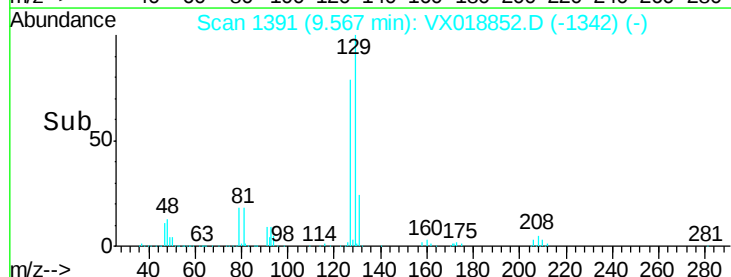
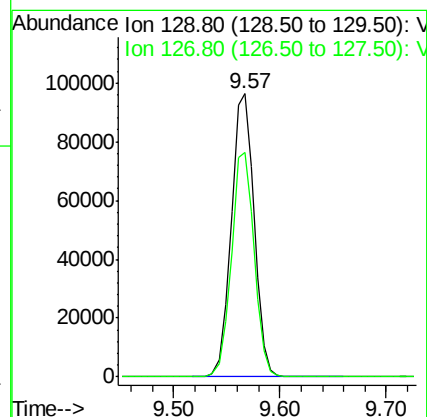
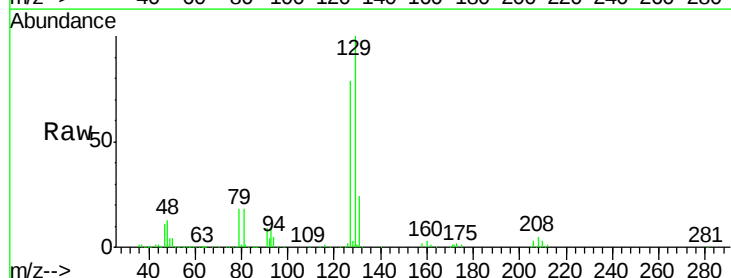
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

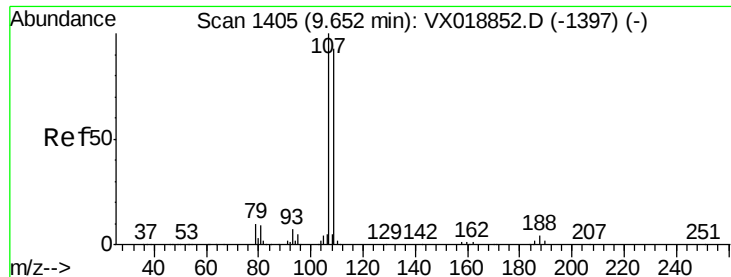
Tgt Ion: 43 Resp: 618071
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1



#60
Dibromochloromethane
Concen: 53.561 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion: 129 Resp: 145369
Ion Ratio Lower Upper
129 100
127 79.0 39.5 118.5





#61

1,2-Dibromoethane

Concen: 52.643 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

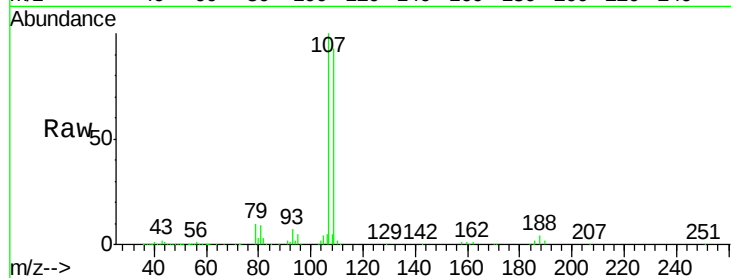
VSTDICCC050

Tgt Ion: 107 Resp: 126700

Ion Ratio Lower Upper

107 100

109 94.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

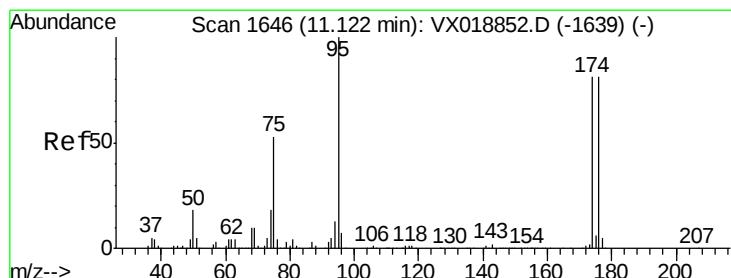
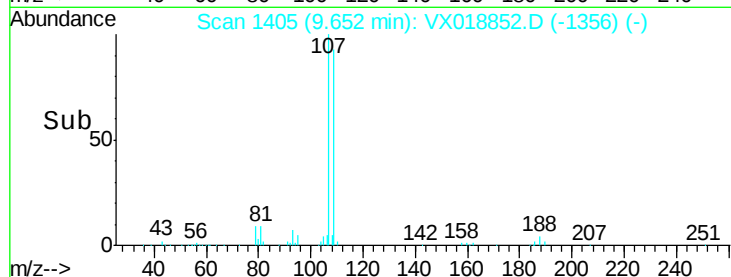
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.667 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

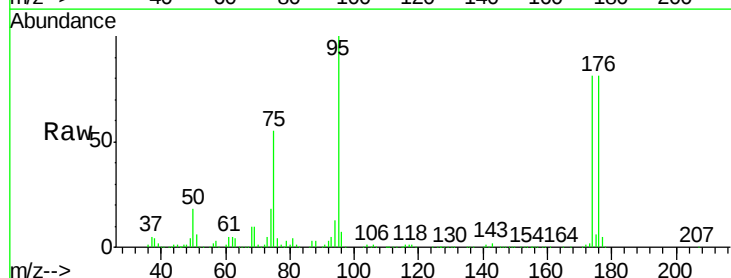
Tgt Ion: 95 Resp: 151487

Ion Ratio Lower Upper

95 100

174 80.0 0.0 160.0

176 80.6 0.0 161.2



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

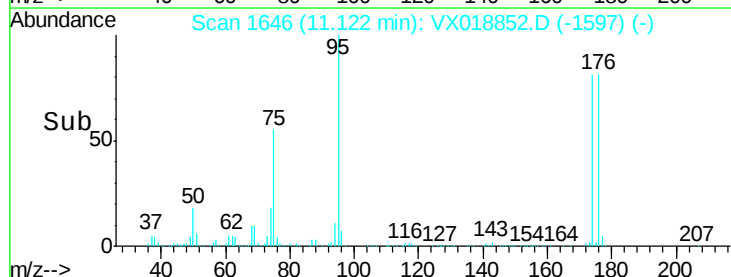
150000

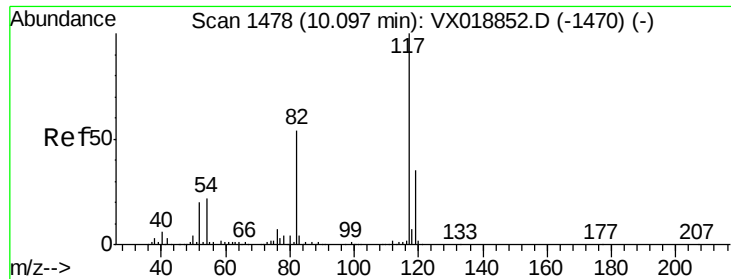
100000

50000

0

Time-->

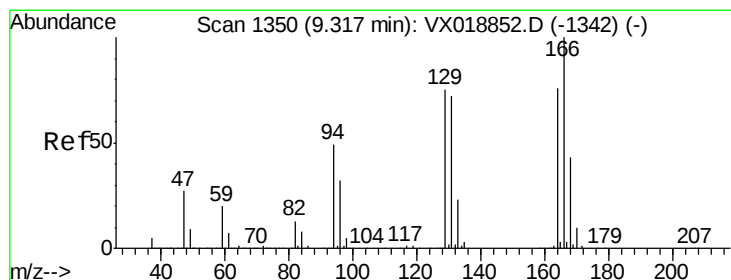
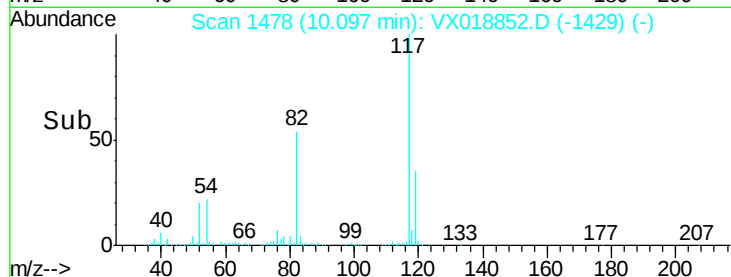
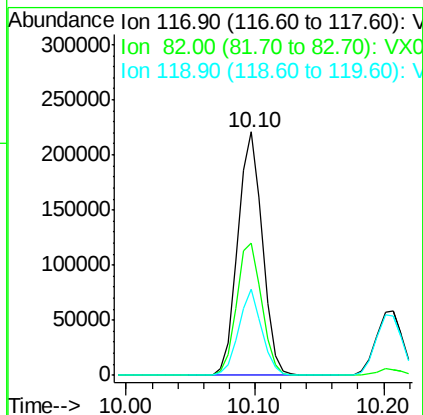
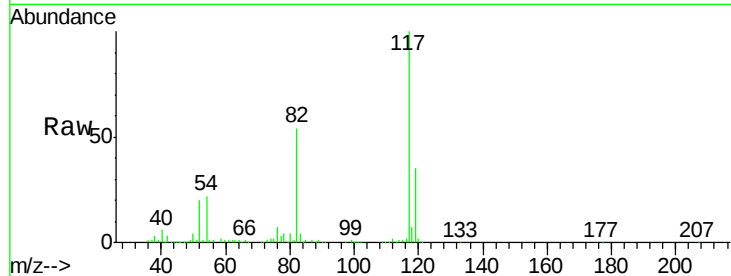




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

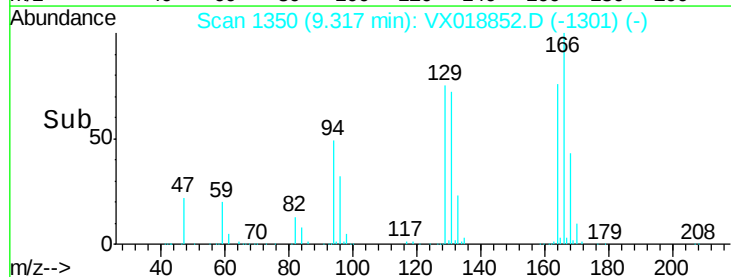
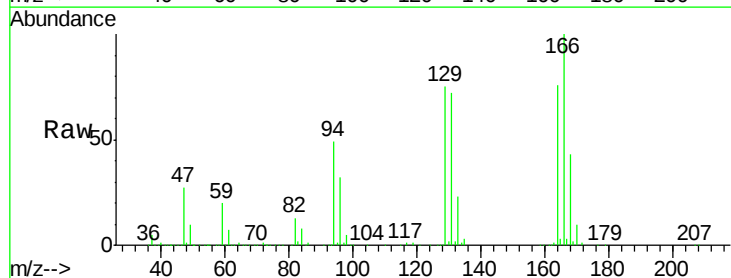
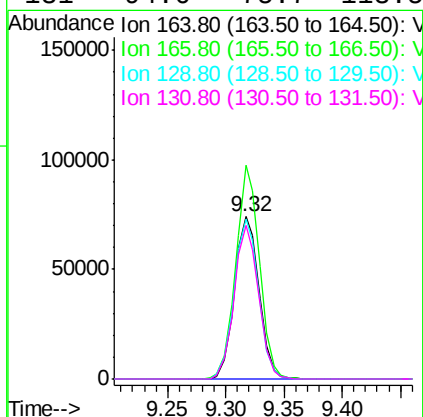
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

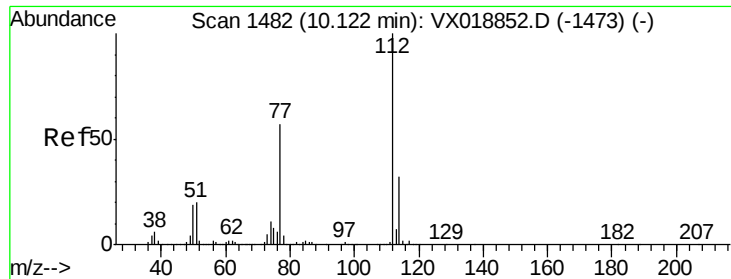
Tgt Ion:117 Resp: 293112
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.2
119 35.4 28.3 42.5



#64
Tetrachloroethene
Concen: 47.323 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion:164 Resp: 108775
Ion Ratio Lower Upper
164 100
166 131.7 105.4 158.0
129 98.8 79.0 118.6
131 94.6 75.7 113.5

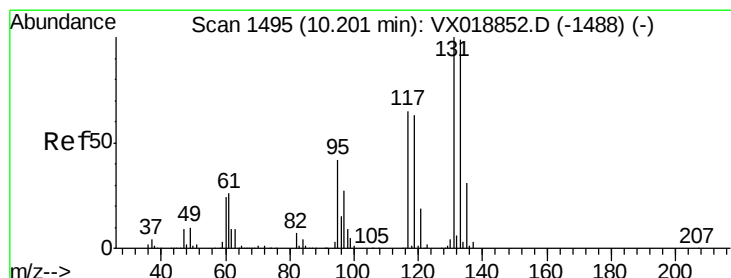
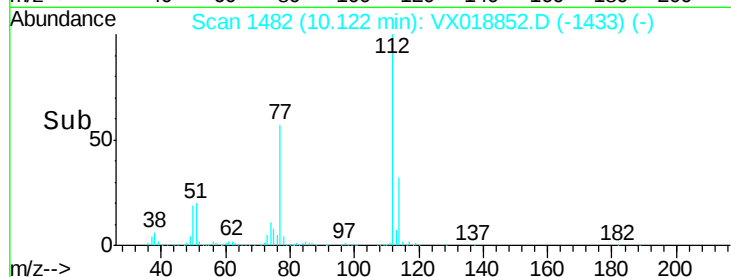
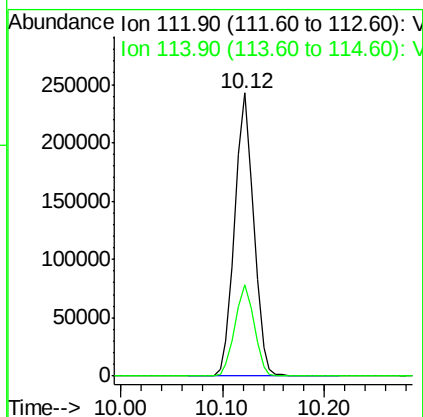
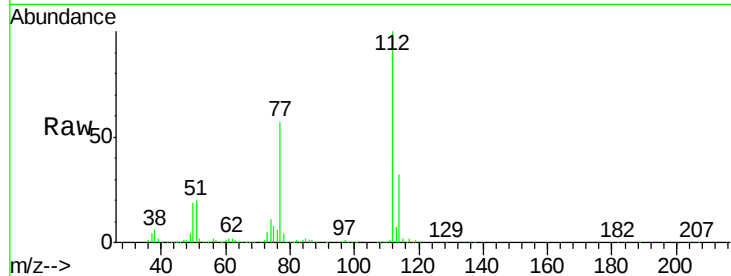




#65
Chlorobenzene
Concen: 51.142 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

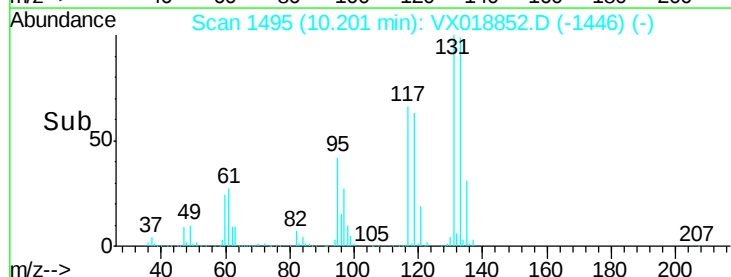
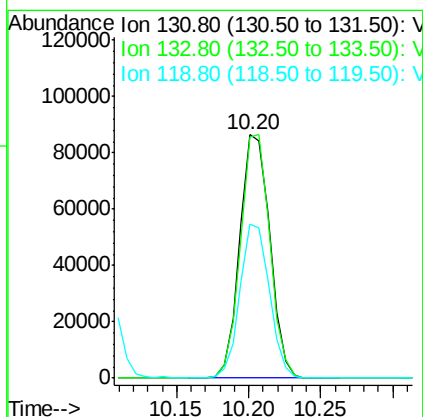
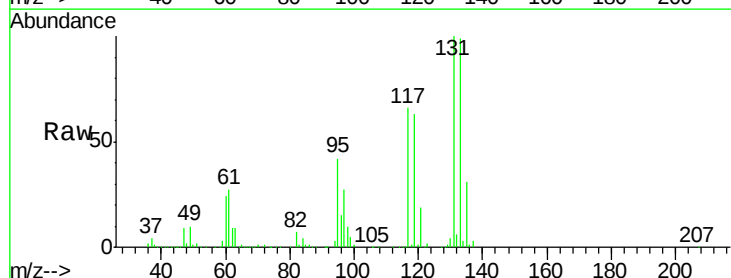
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

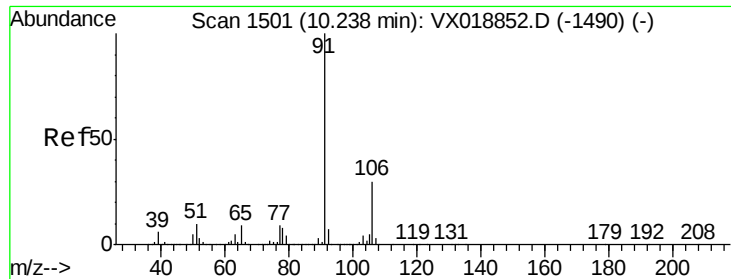
Tgt Ion:112 Resp: 310503
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.590 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion:131 Resp: 125773
Ion Ratio Lower Upper
131 100
133 97.2 48.6 145.8
119 62.2 31.1 93.3

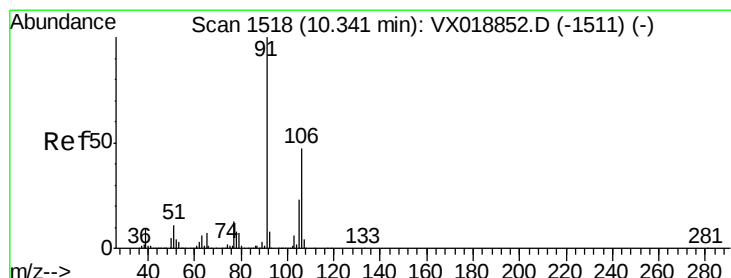
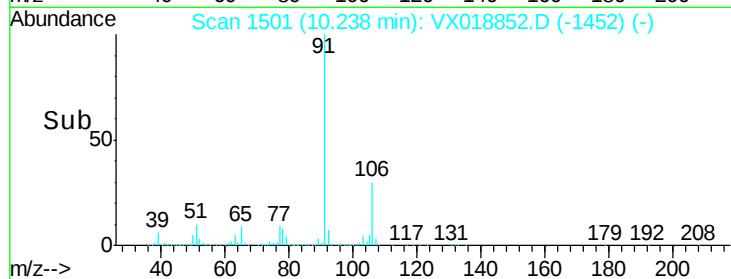
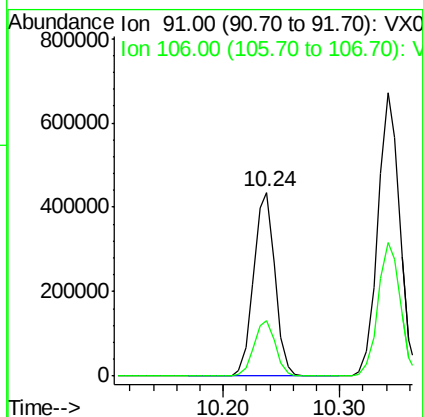
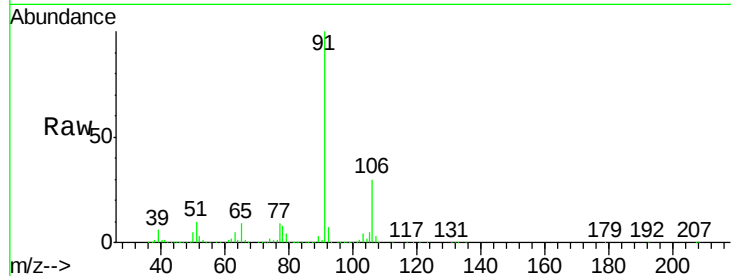




#67
Ethyl Benzene
Concen: 52.922 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

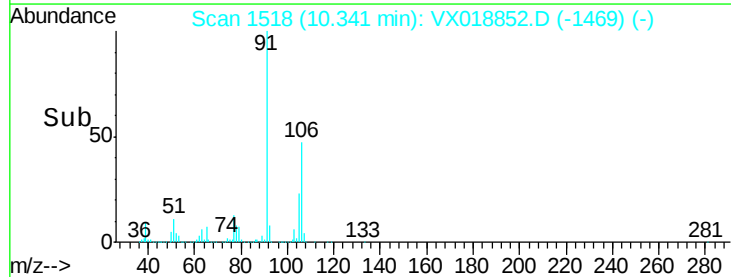
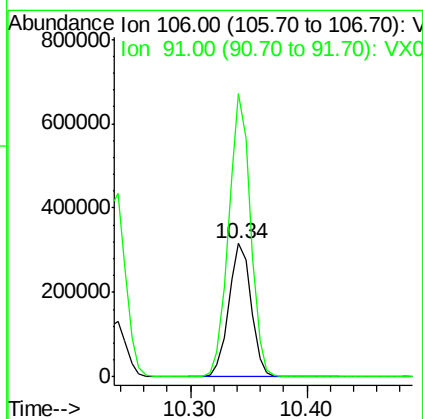
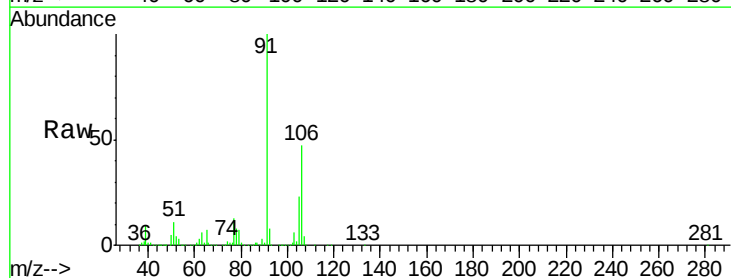
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

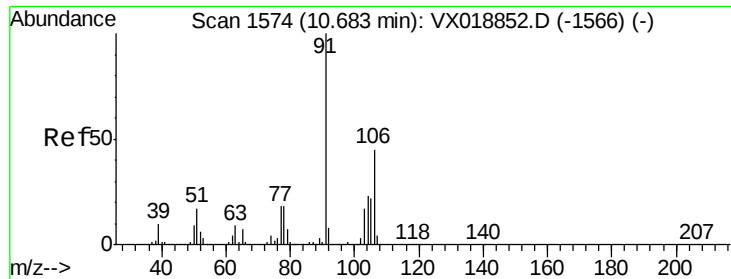
Tgt Ion: 91 Resp: 556934
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0



#68
m/p-Xylenes
Concen: 105.976 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion: 106 Resp: 422921
Ion Ratio Lower Upper
106 100
91 207.0 165.6 248.4

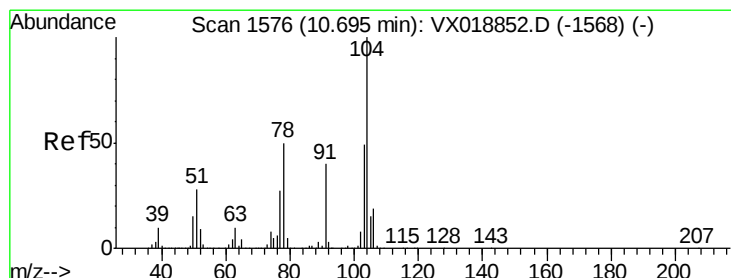
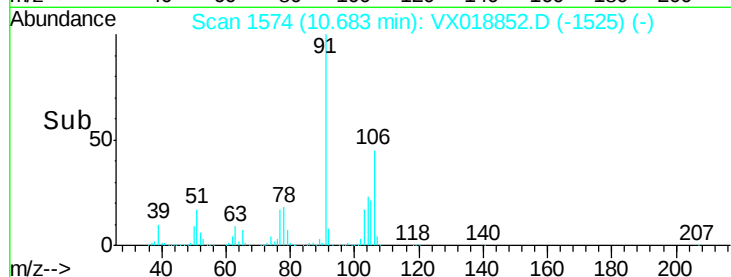
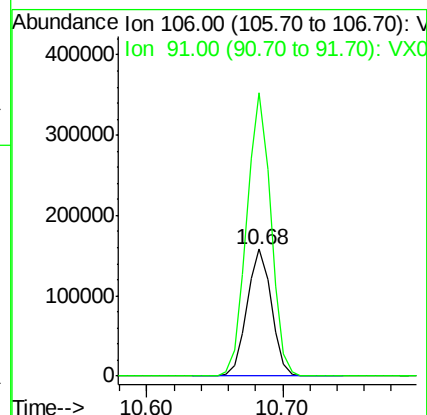
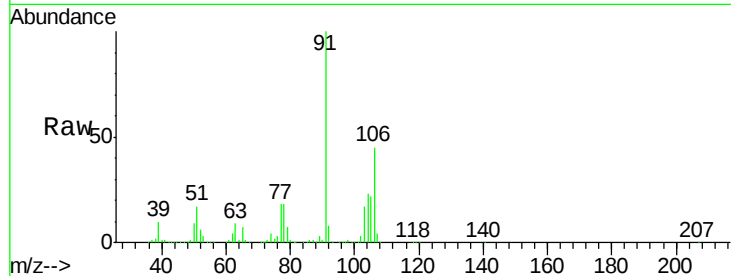




#69
o-Xylene
Concen: 52.825 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

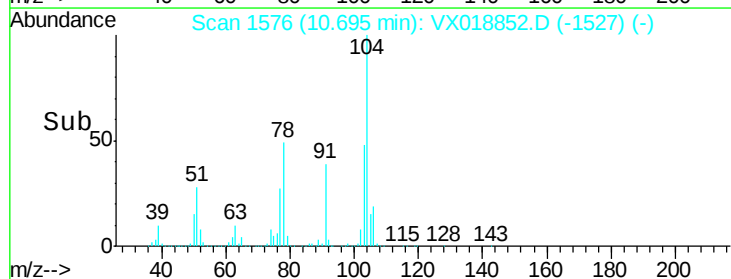
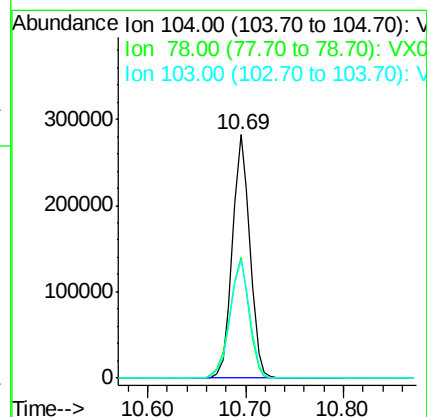
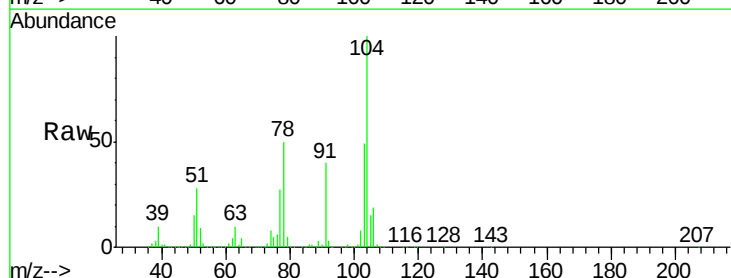
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

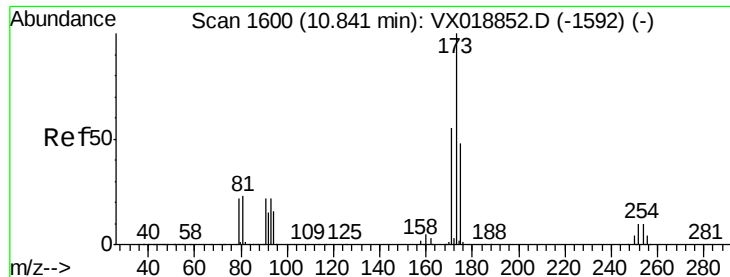
Tgt Ion:106 Resp: 198985
Ion Ratio Lower Upper
106 100
91 219.7 109.9 329.6



#70
Styrene
Concen: 54.031 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion:104 Resp: 350765
Ion Ratio Lower Upper
104 100
78 54.4 43.5 65.3
103 54.1 43.3 64.9





#71

Bromoform

Concen: 54.428 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

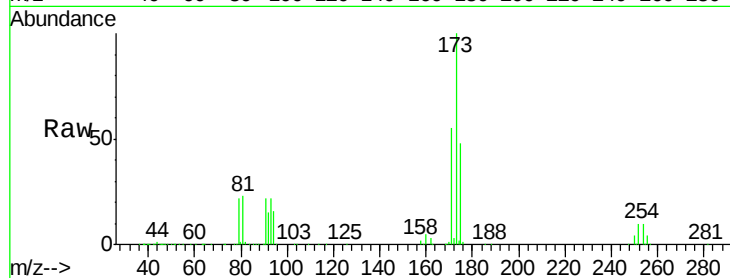
Tgt Ion:173 Resp: 112067

Ion Ratio Lower Upper

173 100

175 46.7 23.4 70.0

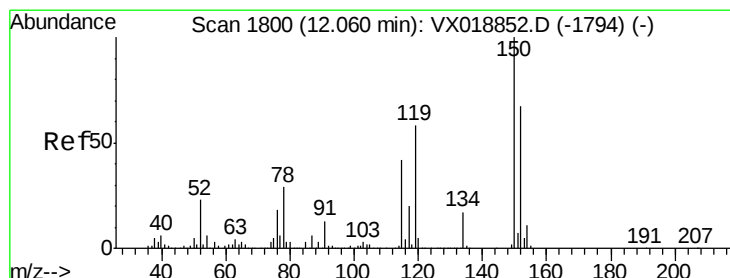
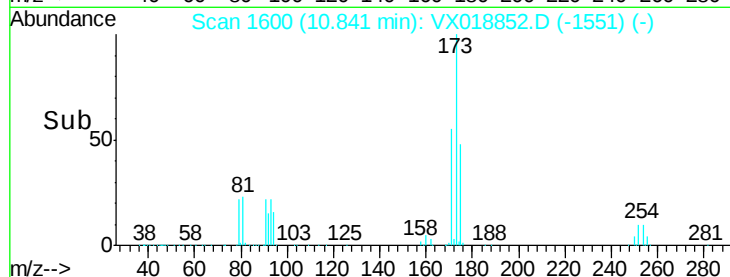
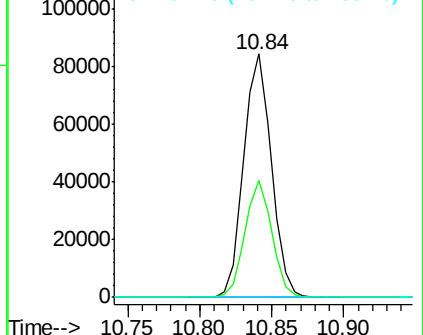
254 0.0 0.0 0.0#



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: VX018852.D

Acq: 09 Oct 2020 12:25

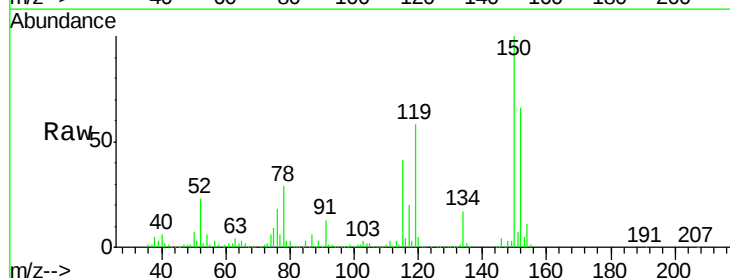
Tgt Ion:152 Resp: 165718

Ion Ratio Lower Upper

152 100

115 83.6 41.8 125.4

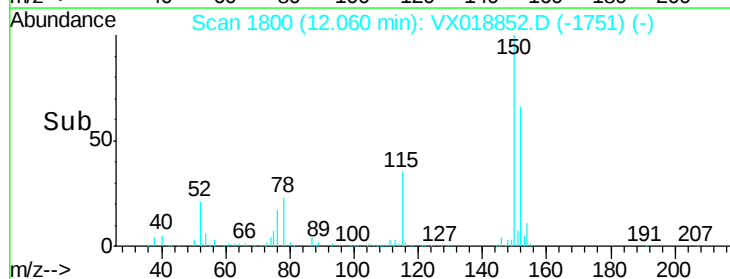
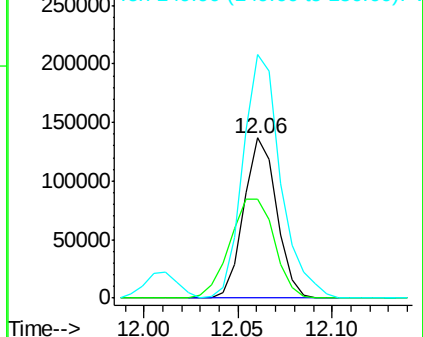
150 173.8 0.0 347.6

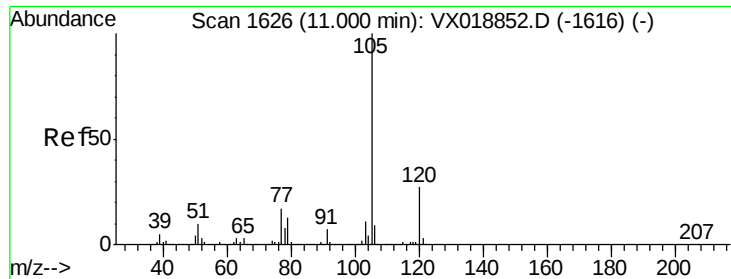


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.148 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

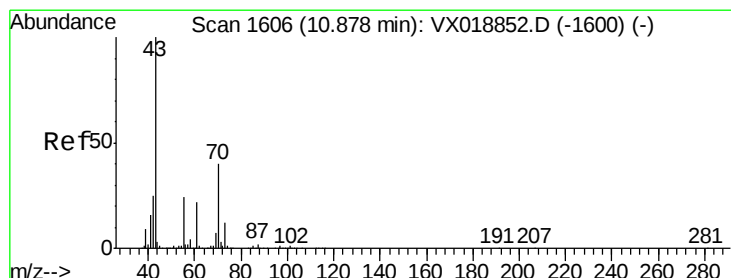
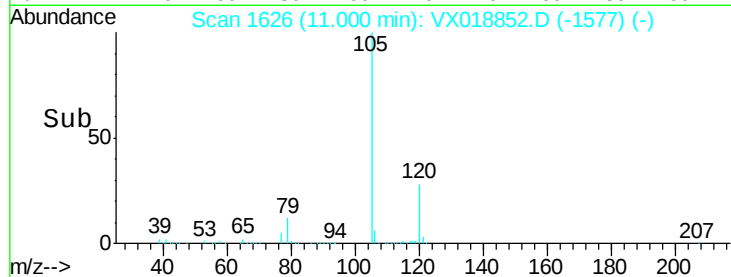
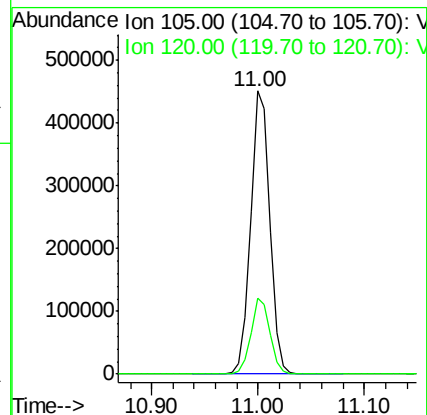
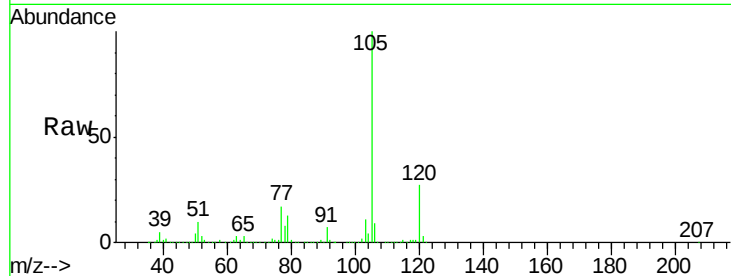
VSTDICCC050

Tgt Ion: 105 Resp: 567671

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 47.512 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Tgt Ion: 43 Resp: 233100

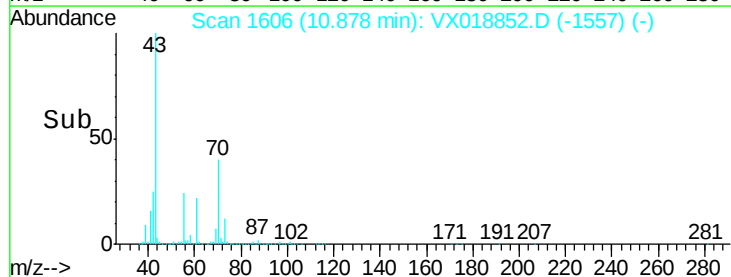
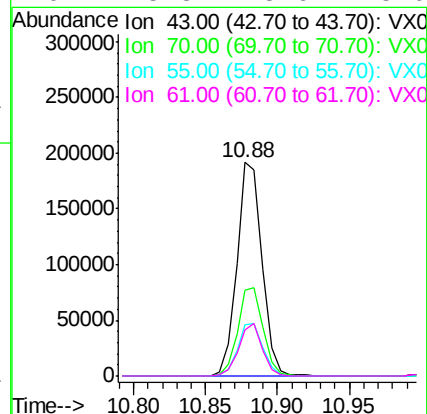
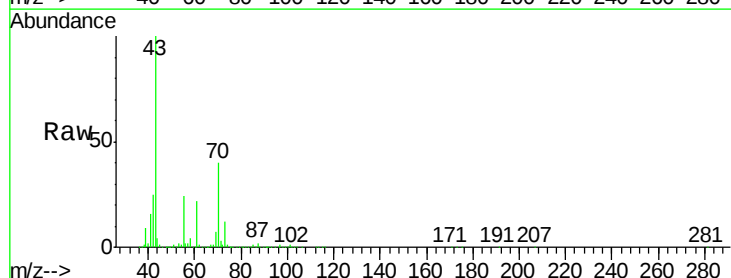
Ion Ratio Lower Upper

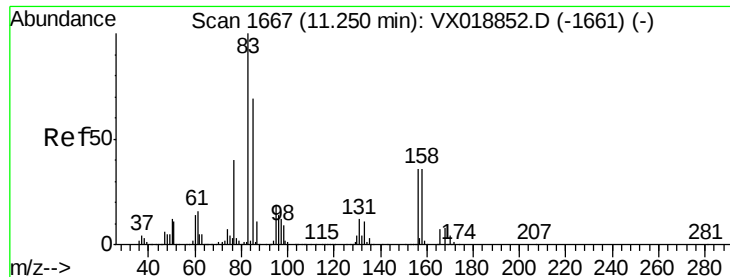
43 100

70 42.1 33.7 50.5

55 24.8 19.8 29.8

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.370 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

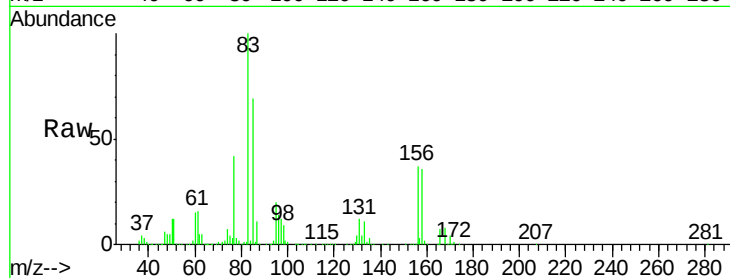
MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 172387

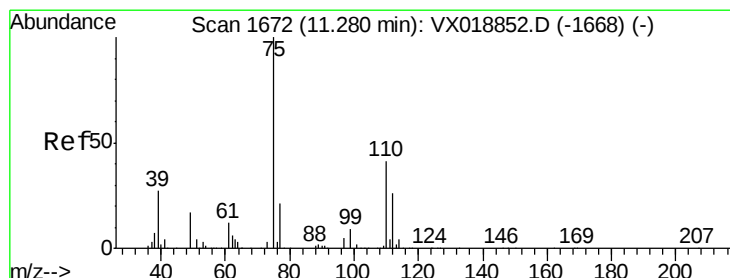
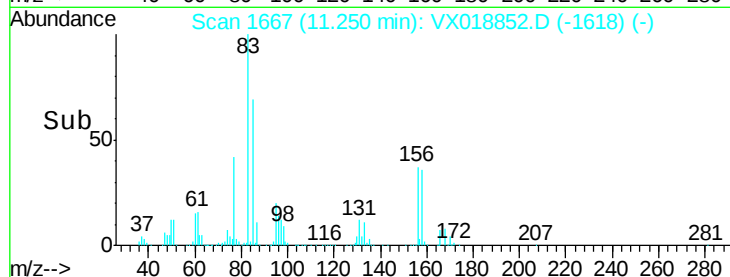
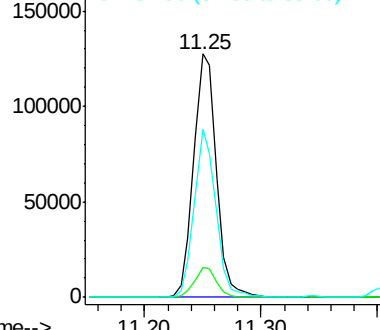
Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.9	17.8
85	65.9	33.0	98.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.027 ug/l

RT: 11.28 min Scan# 1672

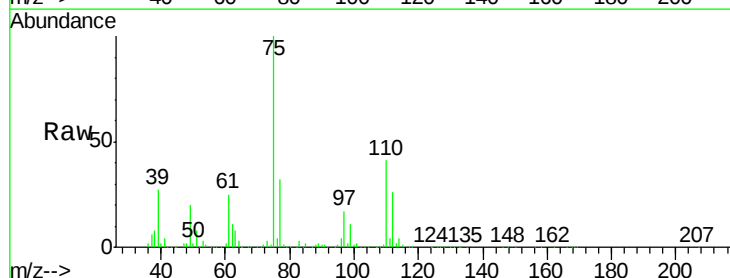
Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

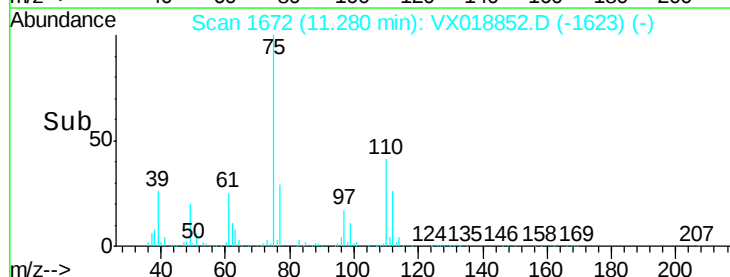
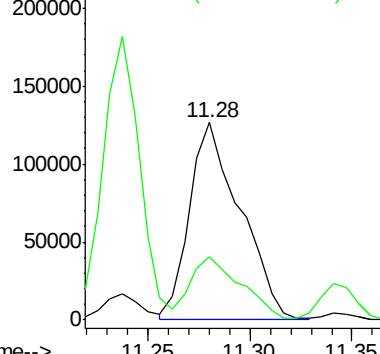
Tgt Ion: 75 Resp: 218996

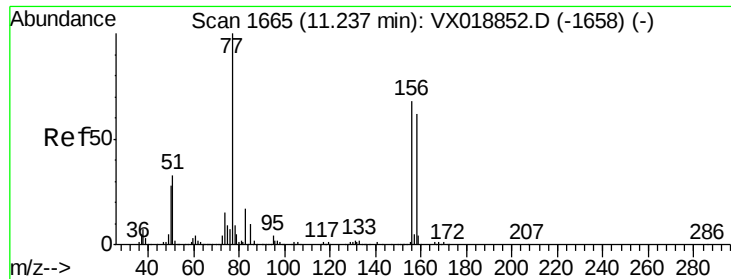
Ion	Ratio	Lower	Upper
75	100		
77	31.6	20.2	60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.097 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

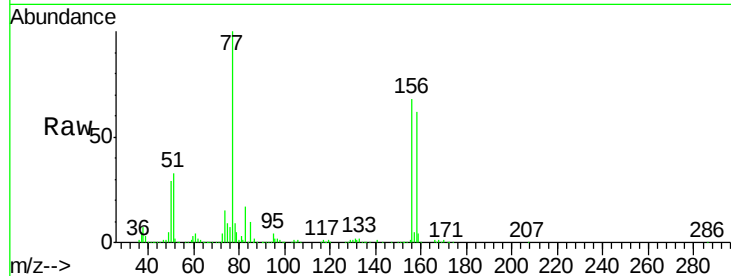
Tgt Ion: 156 Resp: 150226

Ion Ratio Lower Upper

156 100

77 152.1 76.0 228.1

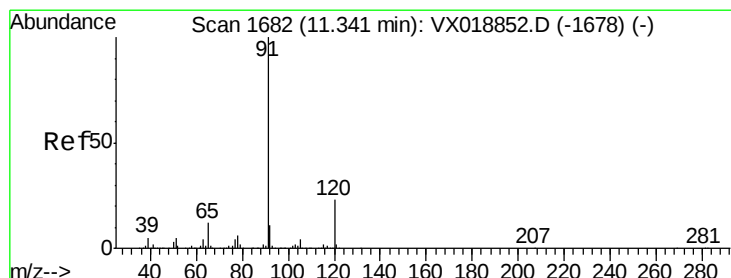
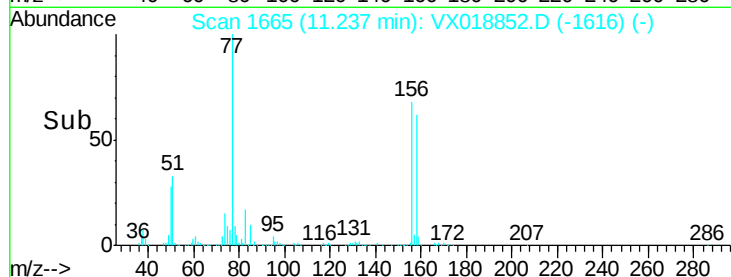
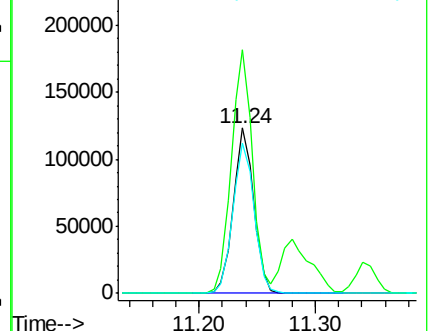
158 94.4 47.2 141.6



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: 49.843 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018852.D

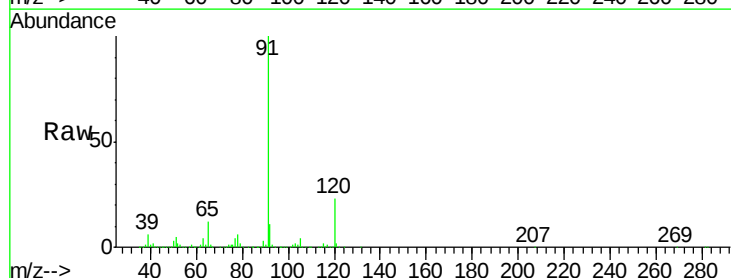
Acq: 09 Oct 2020 12:25

Tgt Ion: 91 Resp: 643550

Ion Ratio Lower Upper

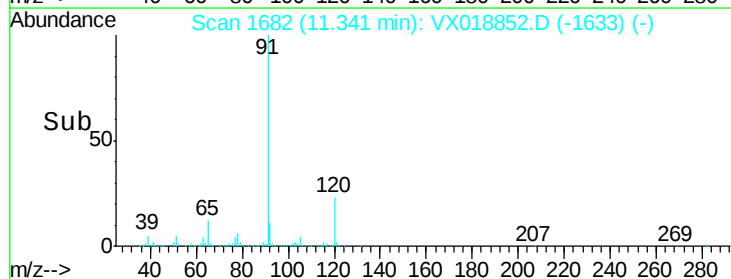
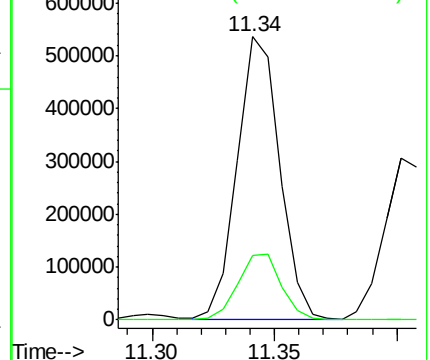
91 100

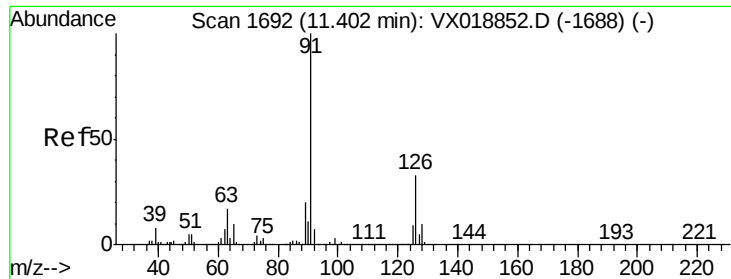
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

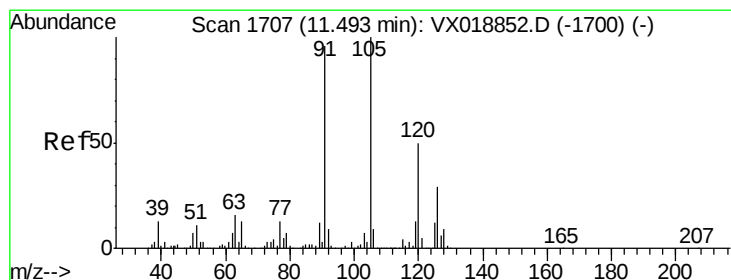
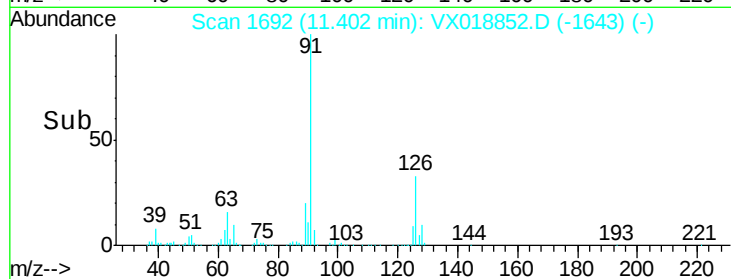
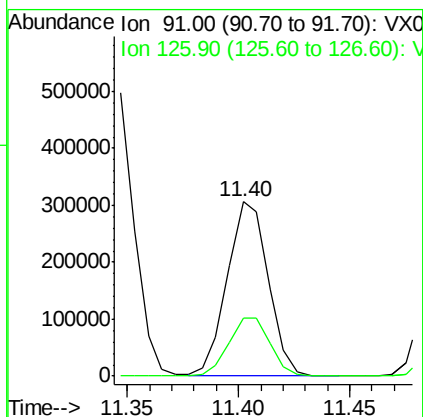
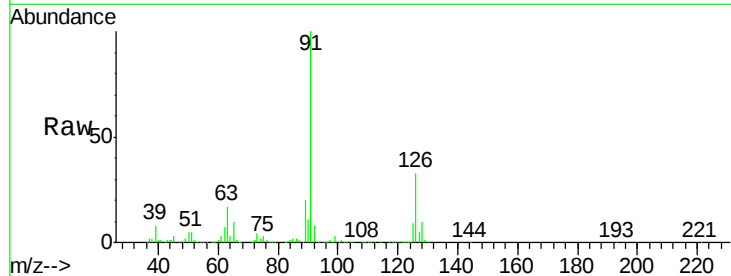




#79
 2-Chlorotoluene
 Concen: 49.969 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

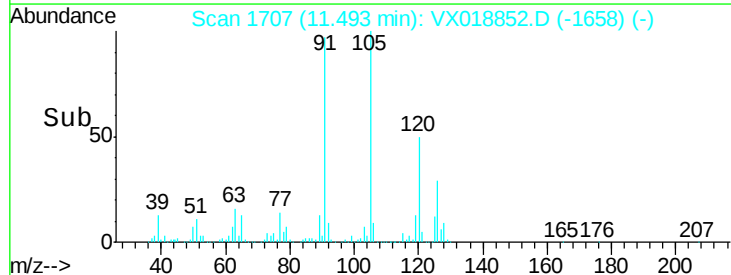
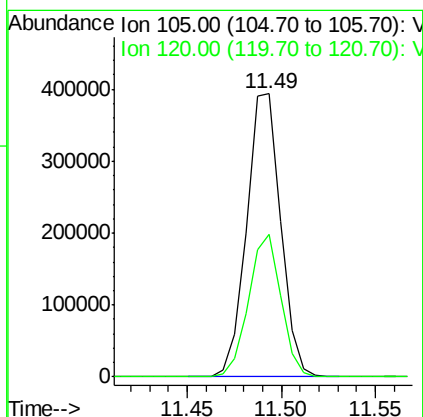
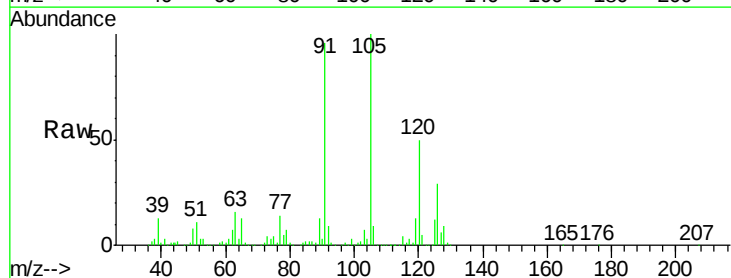
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

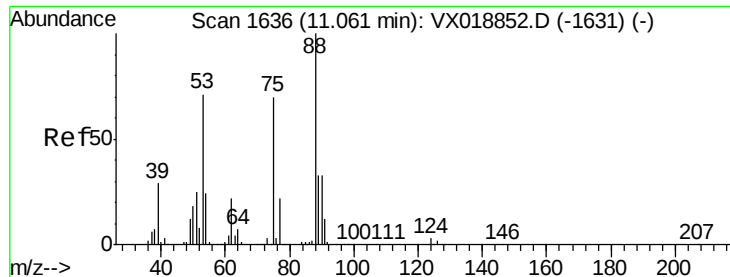
Tgt Ion: 91 Resp: 391686
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.871 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion: 105 Resp: 493034
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.010 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

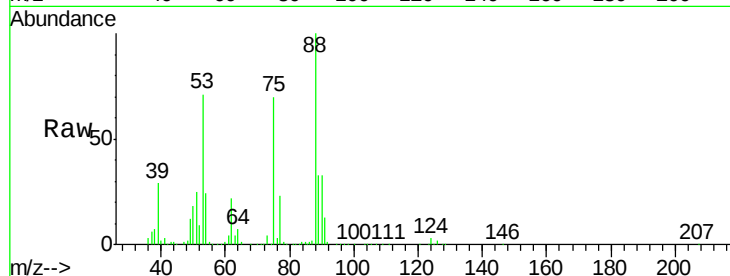
Tgt Ion: 75 Resp: 62764

Ion Ratio Lower Upper

75 100

53 106.2 85.0 127.4

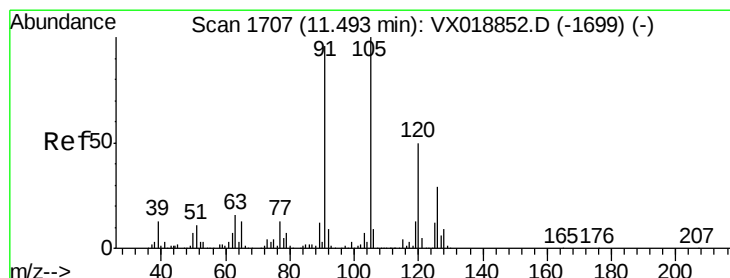
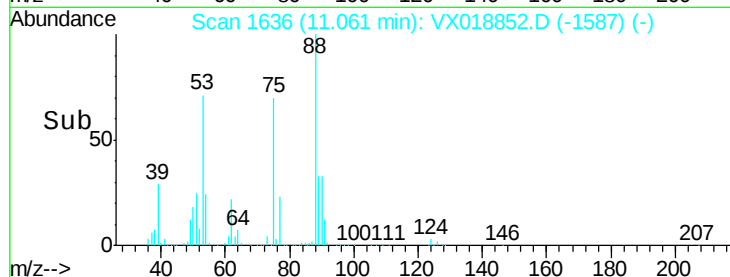
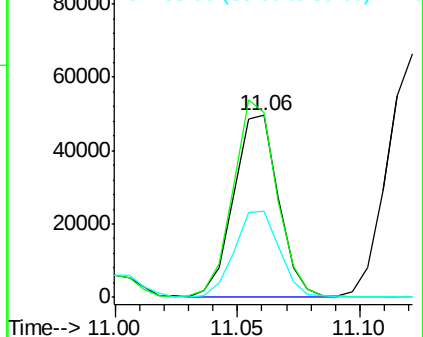
89 48.7 39.0 58.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.431 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018852.D

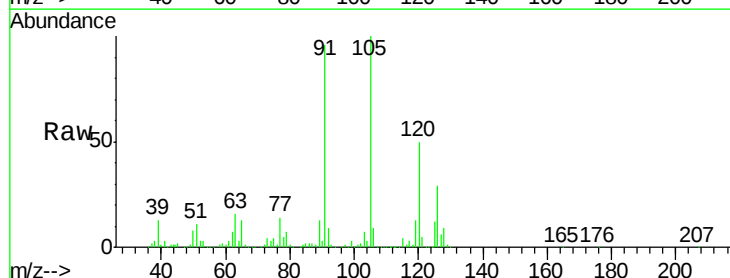
Acq: 09 Oct 2020 12:25

Tgt Ion: 91 Resp: 470865

Ion Ratio Lower Upper

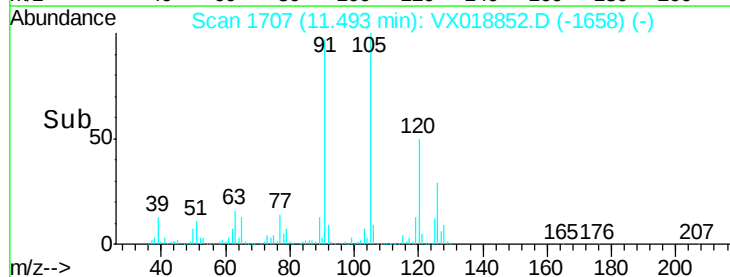
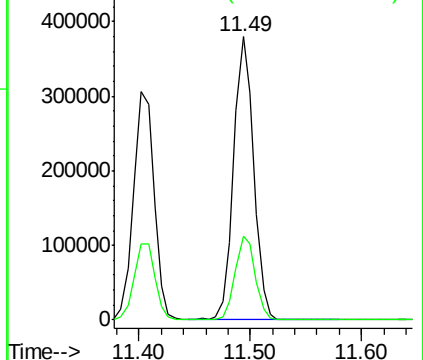
91 100

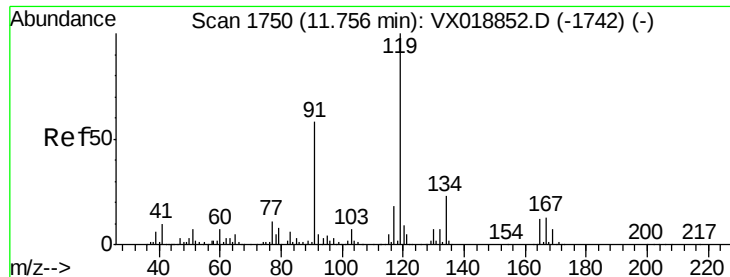
126 29.8 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

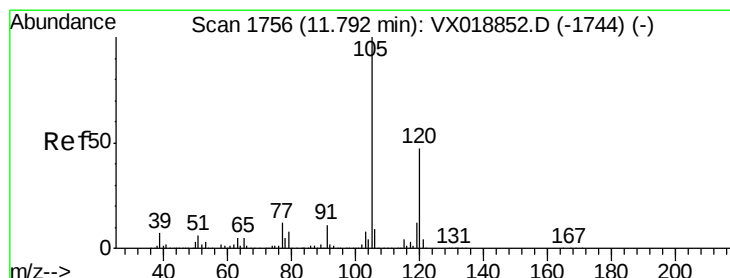
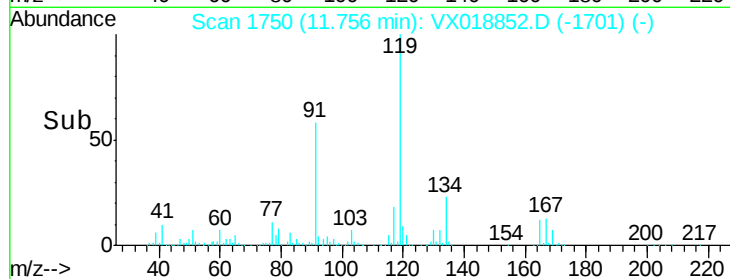
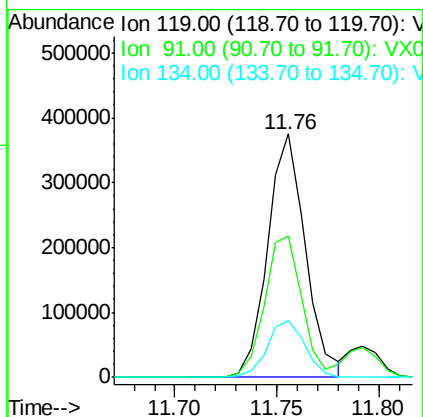
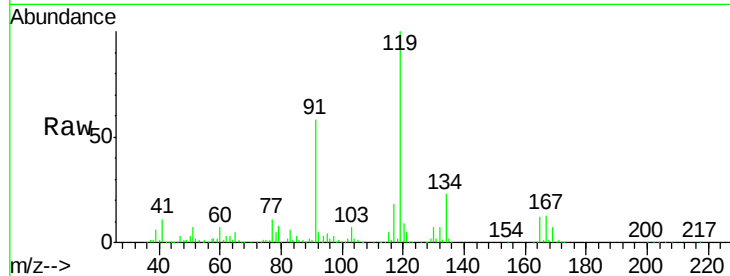




#83
 tert-Butylbenzene
 Concen: 52.191 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

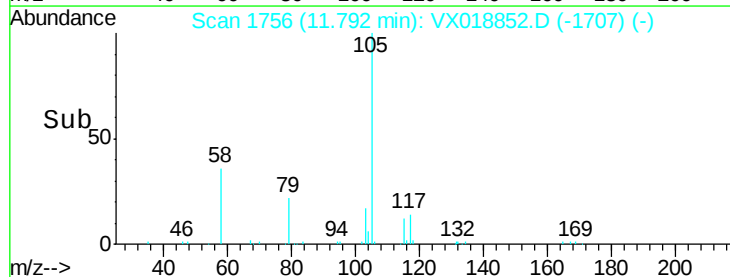
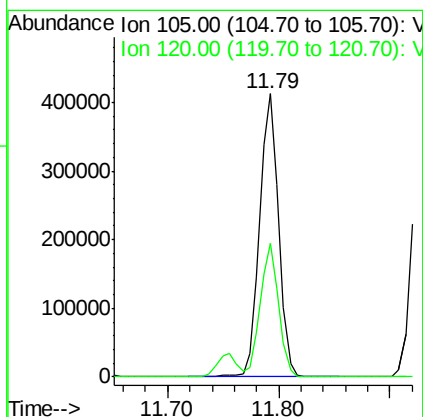
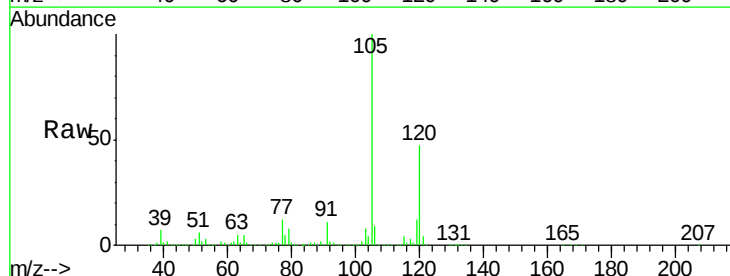
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

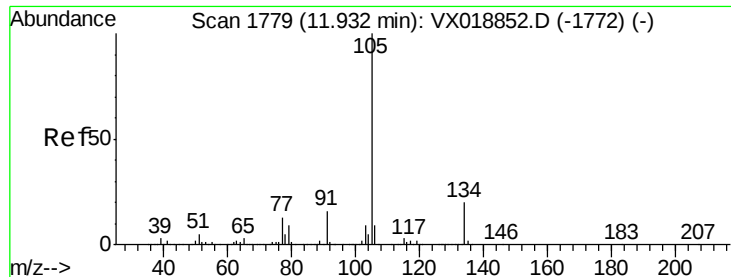
Tgt Ion:119 Resp: 482113
 Ion Ratio Lower Upper
 119 100
 91 57.3 28.6 85.9
 134 23.3 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.837 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion:105 Resp: 494764
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.8

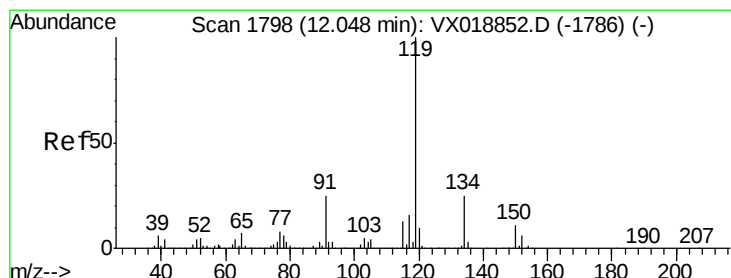
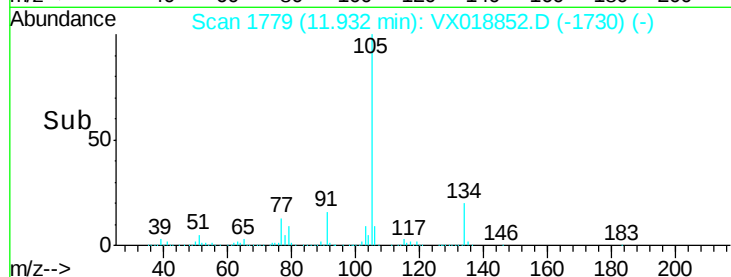
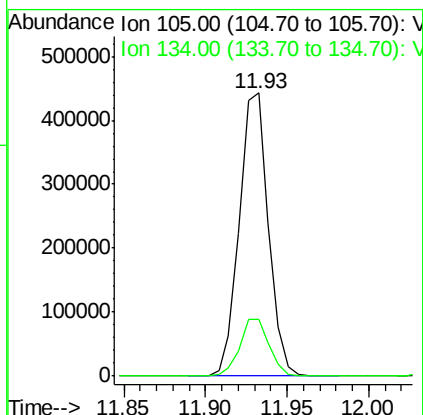
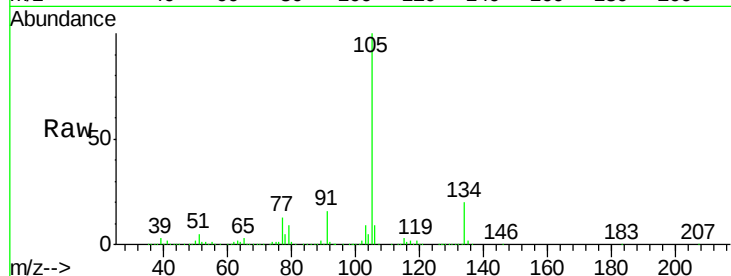




#85
 sec-Butylbenzene
 Concen: 50.727 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

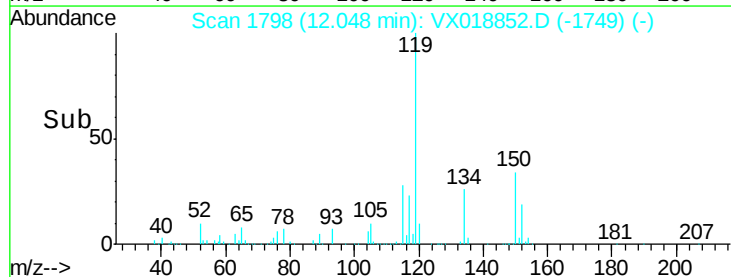
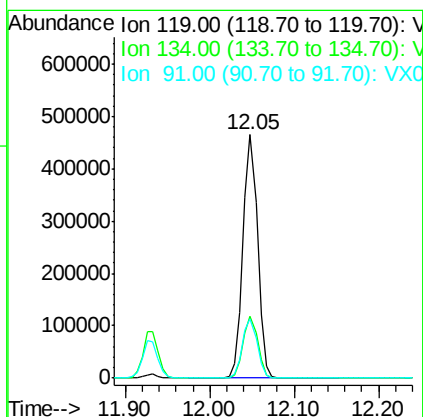
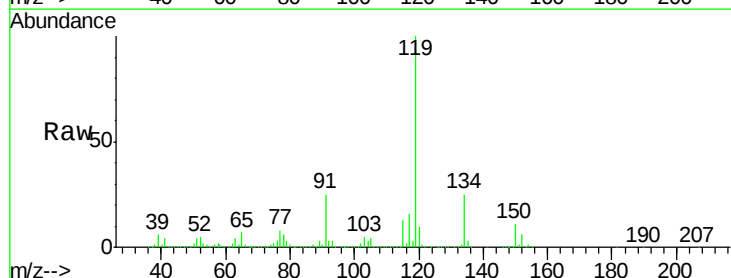
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

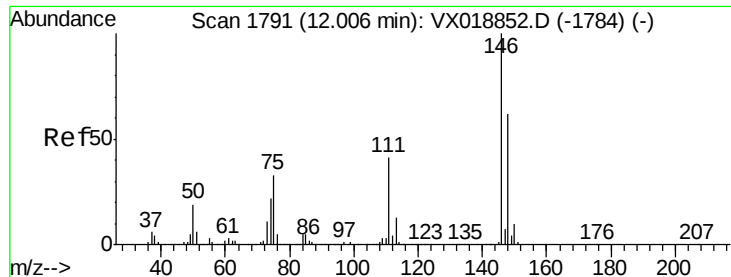
Tgt Ion:105 Resp: 550098
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 53.233 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion:119 Resp: 533366
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.6 12.3 36.9

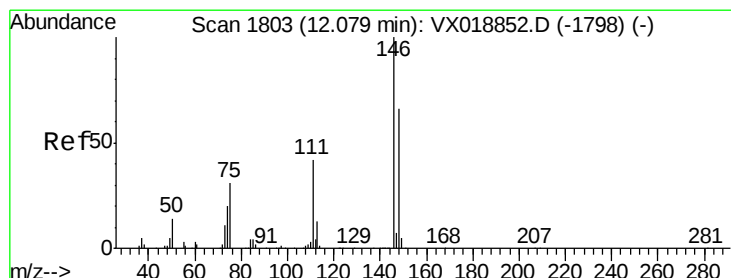
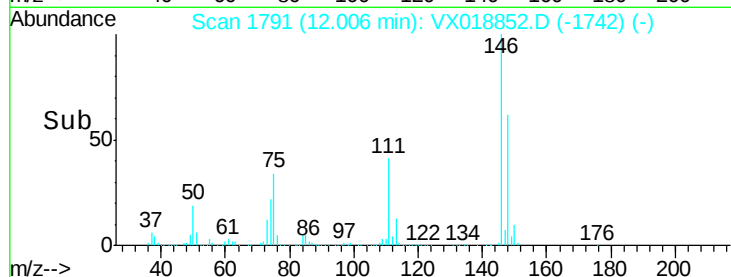
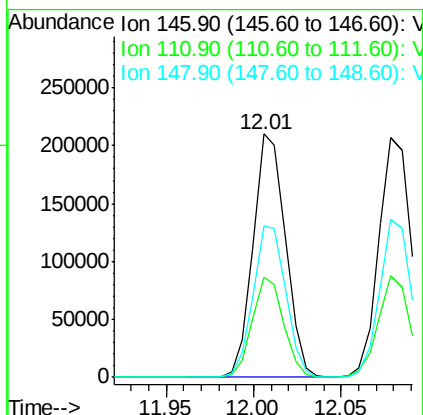
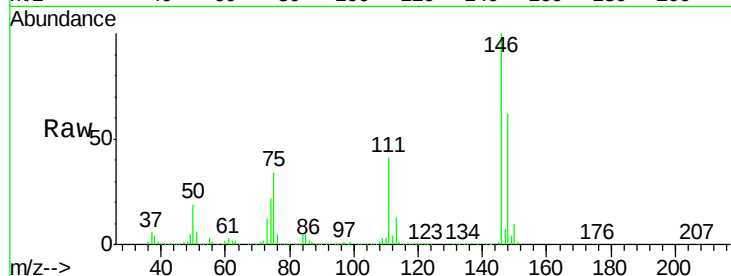




#87
 1,3-Dichlorobenzene
 Concen: 49.302 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

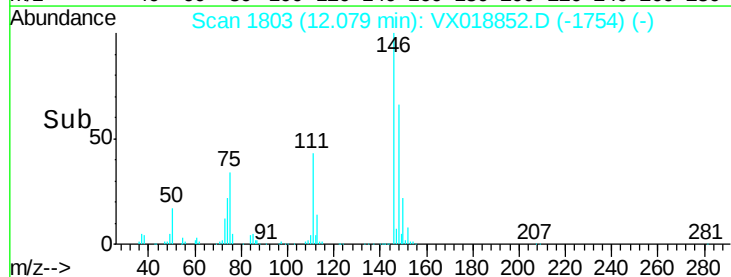
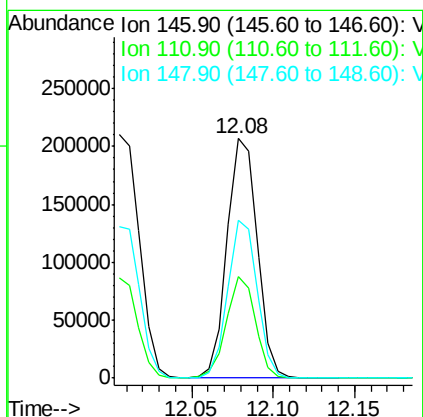
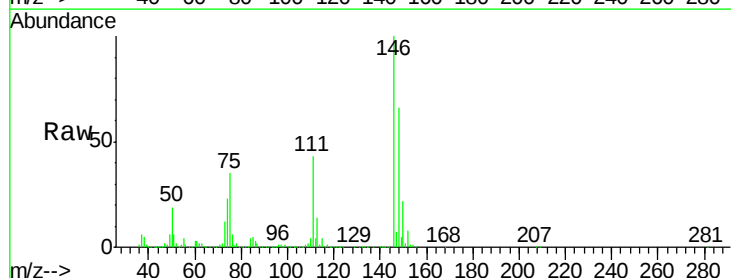
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

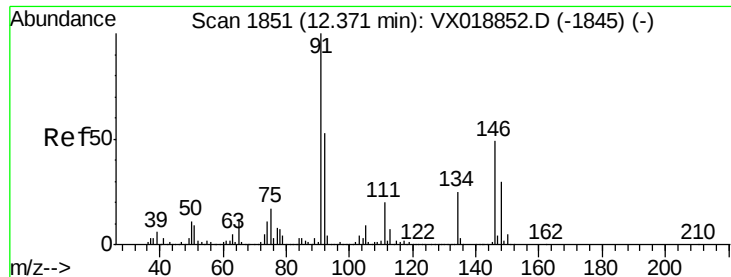
Tgt Ion:146 Resp: 271199
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 62.9 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 47.923 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion:146 Resp: 266166
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 49.167 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

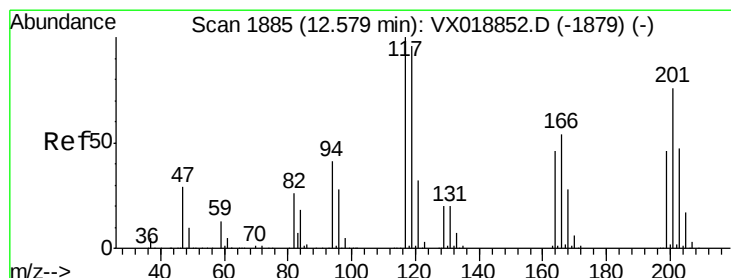
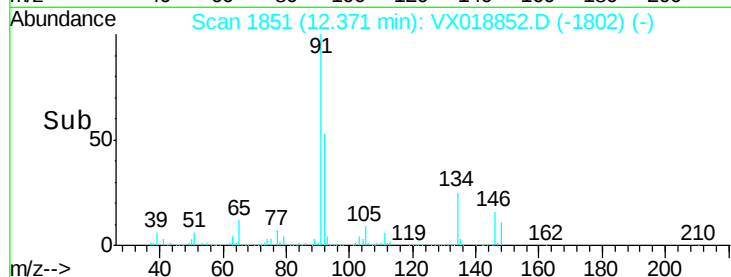
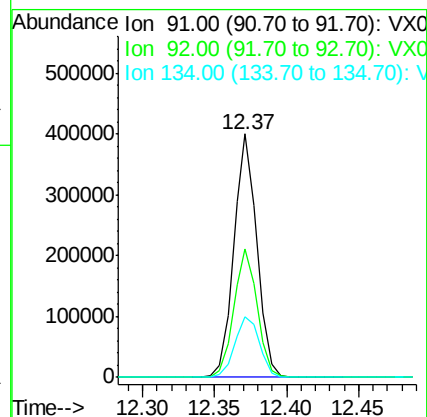
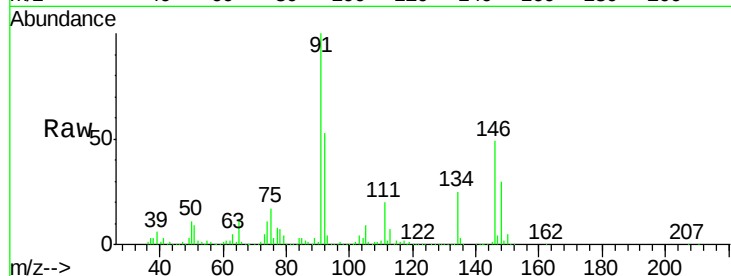
Tgt Ion: 91 Resp: 450993

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.0

134 26.9 13.5 40.4



#90

Hexachloroethane

Concen: 46.126 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018852.D

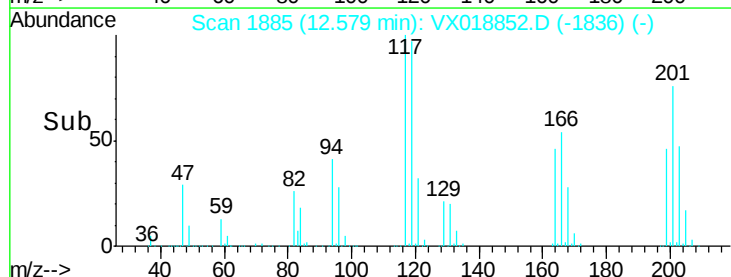
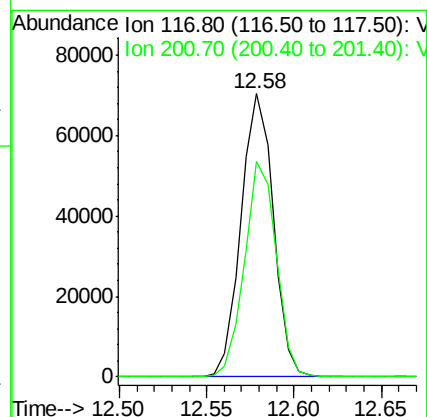
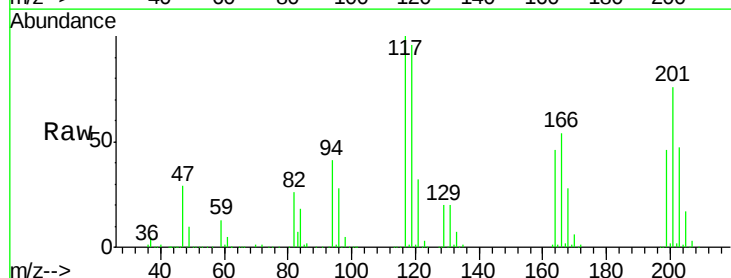
Acq: 09 Oct 2020 12:25

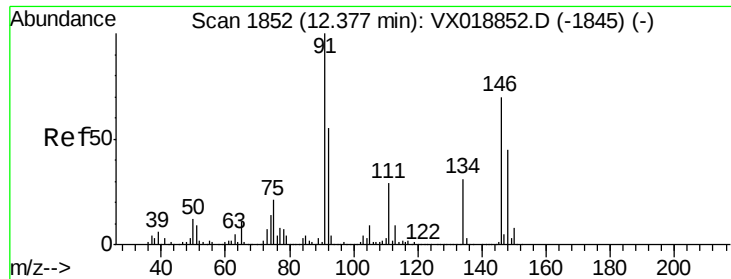
Tgt Ion: 117 Resp: 90670

Ion Ratio Lower Upper

117 100

201 74.8 37.4 112.2

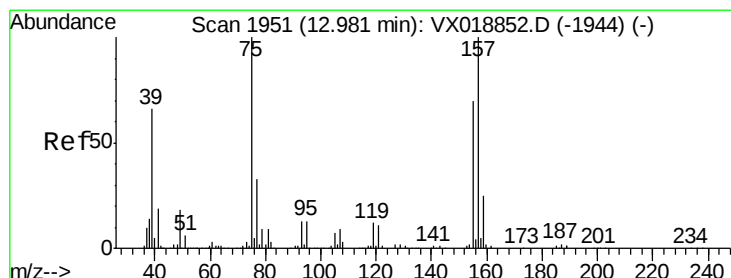
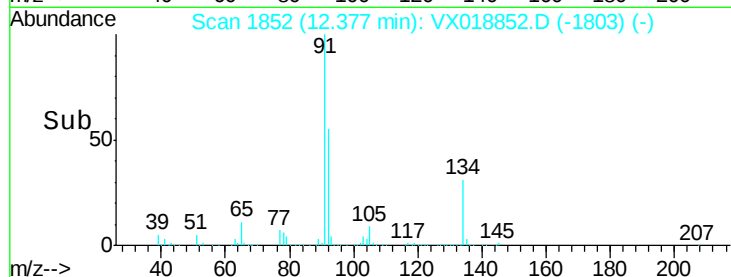
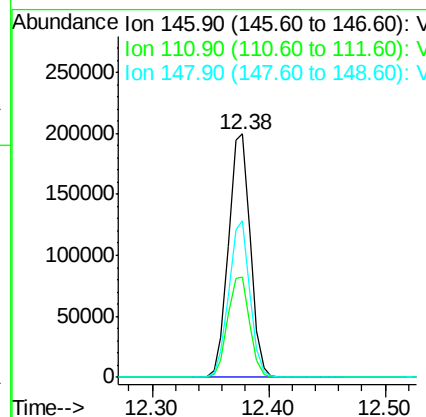
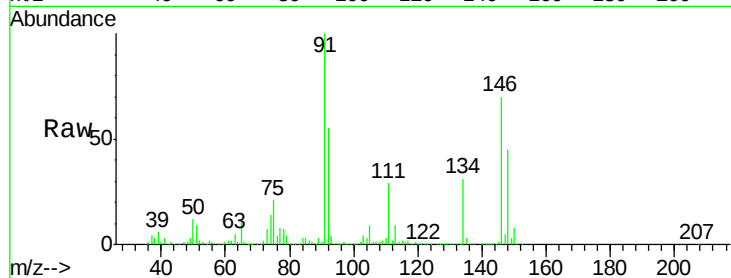




#91
1,2-Dichlorobenzene
Concen: 50.067 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

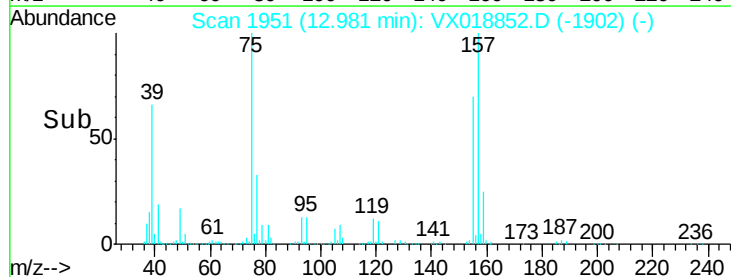
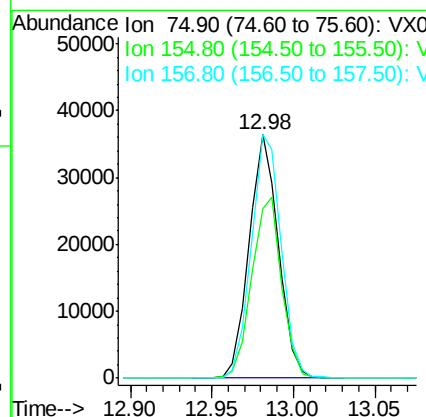
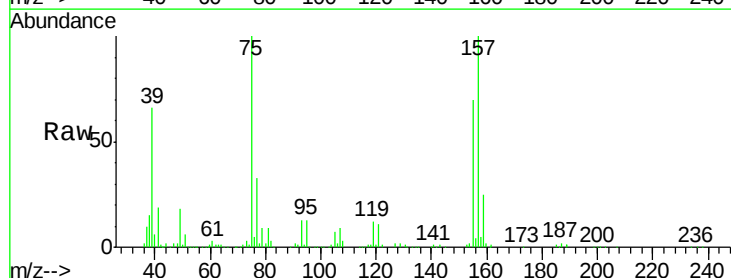
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

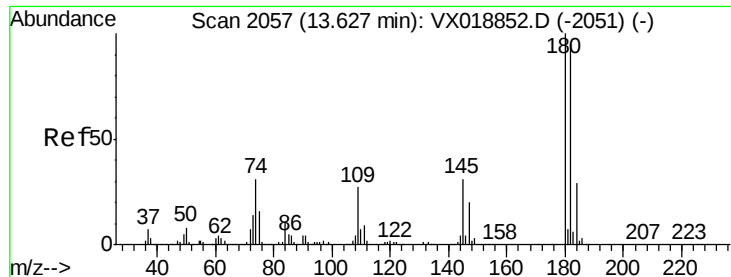
Tgt Ion:146 Resp: 258513
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.9
148 62.1 31.1 93.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.120 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX018852.D
Acq: 09 Oct 2020 12:25

Tgt Ion: 75 Resp: 45483
Ion Ratio Lower Upper
75 100
155 75.9 38.0 113.9
157 101.8 50.9 152.7

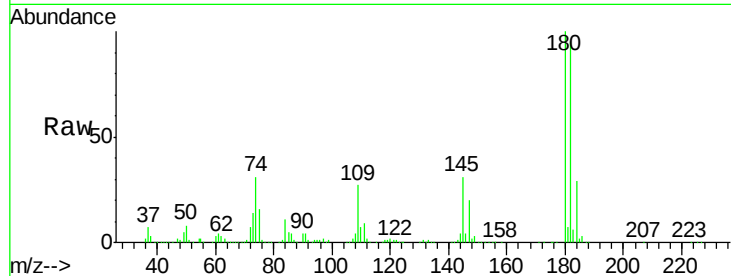




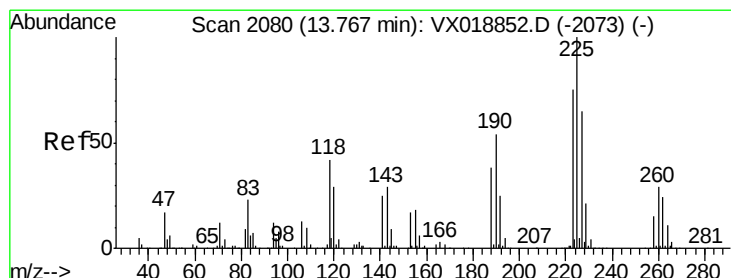
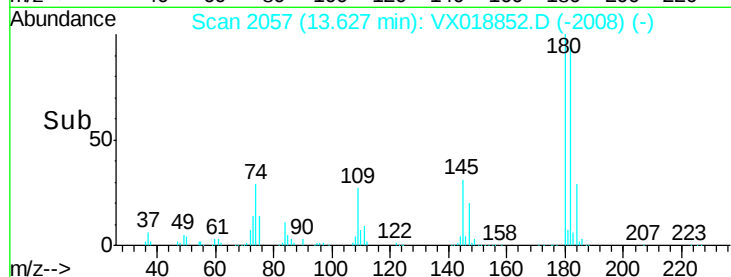
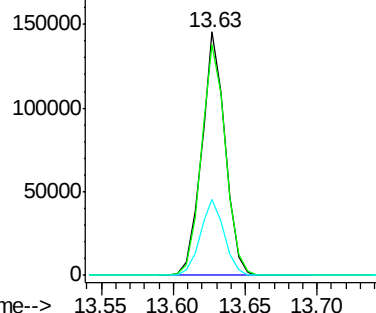
#93
 1,2,4-Trichlorobenzene
 Concen: 46.614 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 165950
 Ion Ratio Lower Upper
 180 100
 182 98.2 49.1 147.3
 145 32.0 16.0 48.0

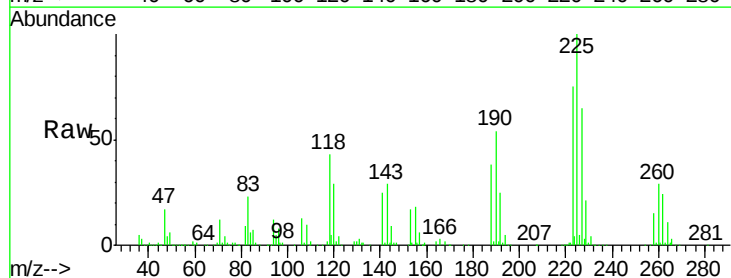


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

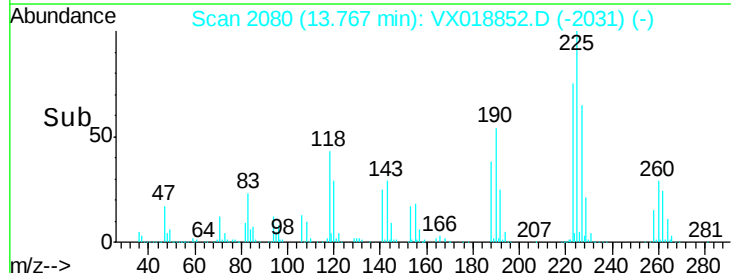
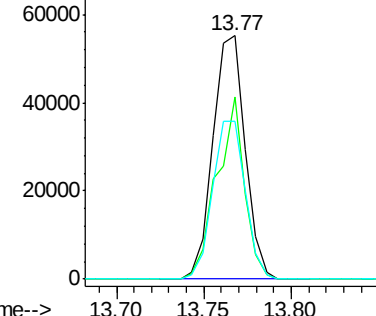


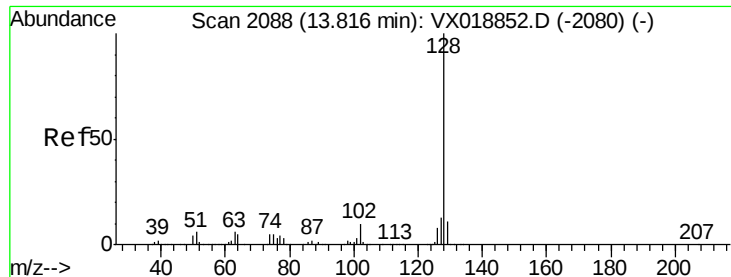
#94
 Hexachlorobutadiene
 Concen: 47.293 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018852.D
 Acq: 09 Oct 2020 12:25

Tgt Ion:225 Resp: 70753
 Ion Ratio Lower Upper
 225 100
 223 64.2 32.1 96.3
 227 65.9 33.0 98.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.739 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

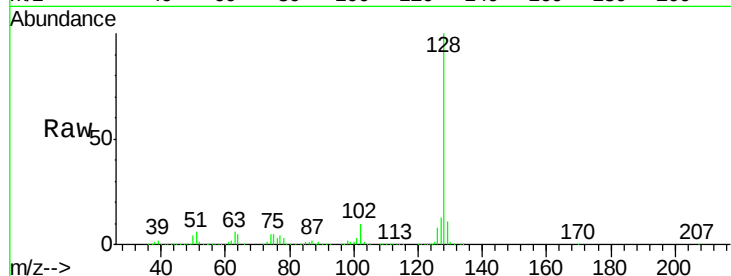
Tgt Ion:128 Resp: 545080

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.8 8.6 13.0



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

600000

500000

400000

300000

200000

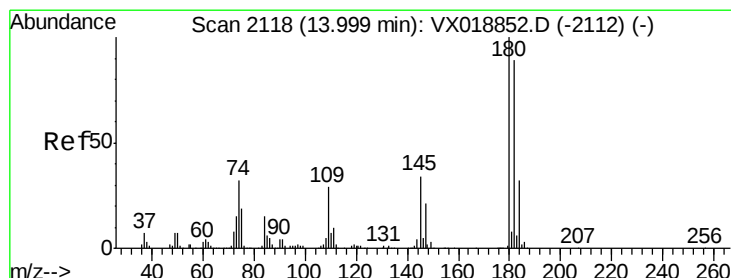
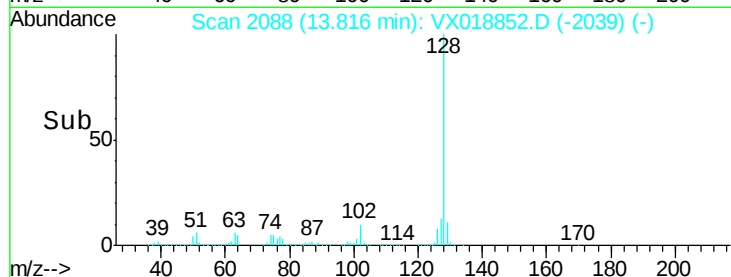
100000

0

13.82

13.75 13.80 13.85 13.90

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 49.042 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018852.D

Acq: 09 Oct 2020 12:25

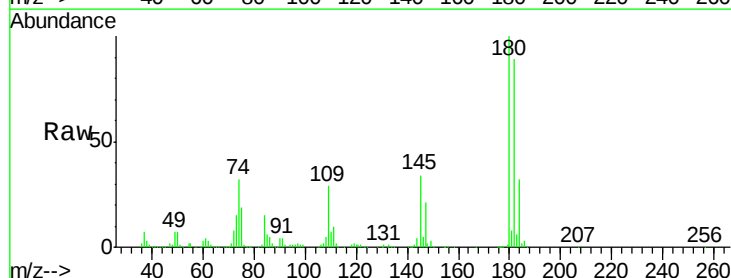
Tgt Ion:180 Resp: 167260

Ion Ratio Lower Upper

180 100

182 95.4 47.7 143.1

145 33.3 16.7 50.0



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

150000

100000

50000

0

14.00

13.95 14.00 14.05

Time-->

