

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101320\
 Data File : VX018931.D
 Acq On : 13 Oct 2020 16:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 14 01:53:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	265396	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	374612	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.09	117	363837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212341	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	162829	41.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.20%	
35) Dibromofluoromethane	5.46	113	123734	46.35	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	92.70%	
50) Toluene-d8	8.70	98	447794	48.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.12	95	179139	48.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	144942	46.308	ug/l	99
3) Chloromethane	1.31	50	120000	48.242	ug/l	100
4) Vinyl Chloride	1.39	62	134535	48.384	ug/l	96
5) Bromomethane	1.62	94	87781	56.683	ug/l	99
6) Chloroethane	1.71	64	86216	46.295	ug/l	99
7) Trichlorofluoromethane	1.92	101	240312	43.846	ug/l	96
8) Diethyl Ether	2.17	74	72760	47.685	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116896	44.409	ug/l	99
10) Methyl Iodide	2.49	142	128602	46.779	ug/l	93
11) Tert butyl alcohol	3.01	59	133449	216.462	ug/l	97
12) 1,1-Dichloroethene	2.36	96	112085	45.822	ug/l	98
13) Acrolein	2.27	56	118772	231.553	ug/l	99
14) Allyl chloride	2.70	41	205041	46.140	ug/l	94
15) Acrylonitrile	3.11	53	306565	234.467	ug/l	99
16) Acetone	2.42	43	319578	215.584	ug/l	99
17) Carbon Disulfide	2.55	76	331425	46.114	ug/l	99
18) Methyl Acetate	2.75	43	149302	45.884	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	388841	47.316	ug/l	99
20) Methylene Chloride	2.83	84	133985	48.009	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	133647	47.012	ug/l	98
22) Diisopropyl ether	3.82	45	373051	46.906	ug/l	90
23) Vinyl Acetate	3.78	43	1812476	236.954	ug/l	98
24) 1,1-Dichloroethane	3.67	63	238509	44.604	ug/l	98
25) 2-Butanone	4.63	43	469403	221.401	ug/l	99
26) 2,2-Dichloropropane	4.54	77	228558	44.300	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	147011	46.567	ug/l	97
28) Bromochloromethane	4.98	49	106416	45.210	ug/l	99
29) Tetrahydrofuran	5.08	42	258118	226.916	ug/l	98
30) Chloroform	5.17	83	258040	43.799	ug/l	95
31) Cyclohexane	5.54	56	176519	48.282	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	246908	44.101	ug/l	97
36) 1,1-Dichloropropene	5.76	75	189076	48.005	ug/l	99
37) Ethyl Acetate	4.79	43	184608	48.536	ug/l	99
38) Carbon Tetrachloride	5.74	117	228175	46.740	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	183596	50.567	ug/l	99
40) Benzene	6.10	78	520132	49.154	ug/l	98
41) Methacrylonitrile	5.00	41	101000	45.774	ug/l	98
42) 1,2-Dichloroethane	6.15	62	219238	44.193	ug/l	99
43) Isopropyl Acetate	6.40	43	287338	45.457	ug/l	98
44) Trichloroethene	7.18	130	150872	47.543	ug/l	100
45) 1,2-Dichloropropane	7.49	63	134021	47.866	ug/l	98
46) Dibromomethane	7.63	93	96997	46.878	ug/l	96
47) Bromodichloromethane	7.87	83	209056	46.624	ug/l	96
48) Methyl methacrylate	7.74	41	151095	47.108	ug/l	96
49) 1,4-Dioxane	7.71	88	42496	944.913	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	892174	241.823	ug/l	99
52) Toluene	8.76	92	339302	49.965	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	228171	49.145	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	238295	49.894	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	138820	47.592	ug/l	96
56) Ethyl methacrylate	9.16	69	195322	46.114	ug/l	96
57) 1,3-Dichloropropane	9.35	76	233485	49.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	542369	256.999	ug/l	100
59) 2-Hexanone	9.47	43	686915	244.378	ug/l	97
60) Dibromochloromethane	9.56	129	175353	47.890	ug/l	100
61) 1,2-Dibromoethane	9.65	107	151846	48.544	ug/l	100
64) Tetrachloroethene	9.32	164	145610	54.927	ug/l	90
65) Chlorobenzene	10.12	112	377311	47.988	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	154256	47.555	ug/l	99
67) Ethyl Benzene	10.23	91	657376	49.560	ug/l	98
68) m/p-Xylenes	10.34	106	516769	102.546	ug/l	97
69) o-Xylene	10.68	106	234180	49.322	ug/l	99
70) Styrene	10.70	104	421338	52.418	ug/l	99
71) Bromoform	10.84	173	138253	49.277	ug/l #	96
73) Isopropylbenzene	11.00	105	683436	49.202	ug/l	99
74) N-amyl acetate	10.88	43	260145	47.337	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	203509	43.958	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	256611	56.087	ug/l	84
77) Bromobenzene	11.24	156	177938	46.634	ug/l	98
78) n-propylbenzene	11.34	91	769325	48.606	ug/l	100
79) 2-Chlorotoluene	11.40	91	460166	46.640	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	585422	49.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	73650	45.619	ug/l	94
82) 4-Chlorotoluene	11.49	91	569281	48.526	ug/l	99
83) tert-Butylbenzene	11.76	119	559628	47.033	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	593480	49.137	ug/l	98
85) sec-Butylbenzene	11.93	105	652687	48.691	ug/l	99
86) p-Isopropyltoluene	12.05	119	633535	49.818	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	319631	45.612	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	330795	46.603	ug/l	98
89) n-Butylbenzene	12.37	91	544486	49.278	ug/l	100
90) Hexachloroethane	12.58	117	105665	44.694	ug/l	90
91) 1,2-Dichlorobenzene	12.37	146	309623	46.418	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47975	40.518	ug/l	89

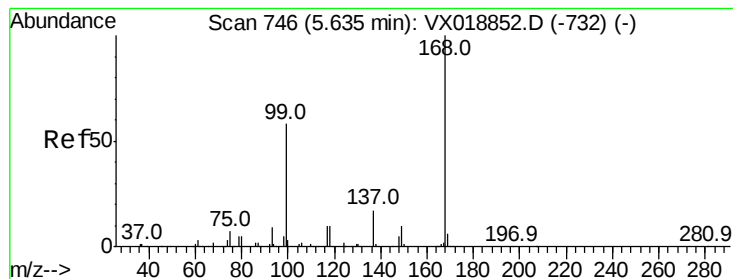
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	221913	51.857	ug/l	96
94) Hexachlorobutadiene	13.77	225	108716	57.197	ug/l	96
95) Naphthalene	13.82	128	617188	43.618	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	220304	52.618	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

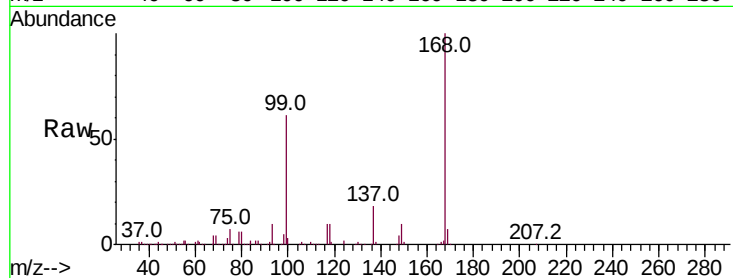
VSTDCCC050EC

Tot Ion:168 Resp: 265396

Ion Ratio Lower Upper

168 100

99 60.5 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

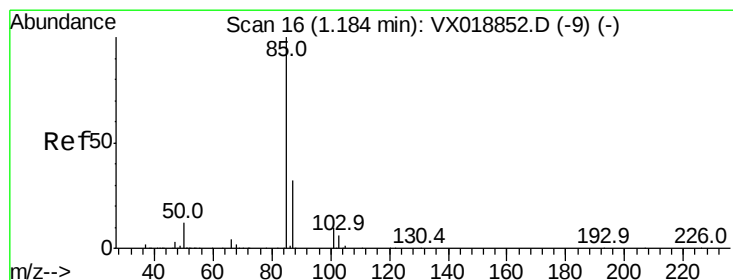
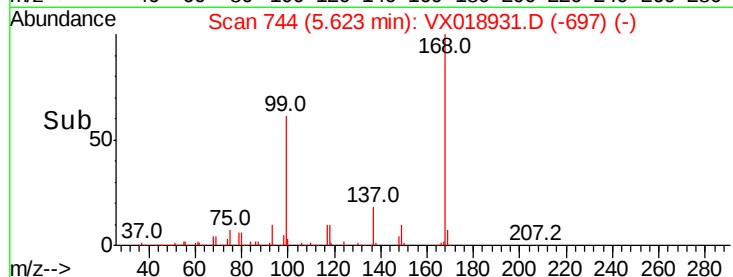
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.308 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018931.D

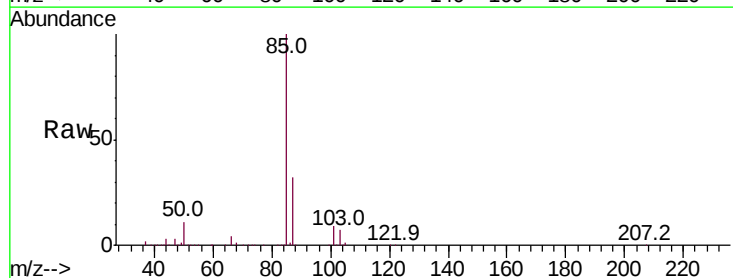
Acq: 13 Oct 2020 16:22

Tgt Ion: 85 Resp: 144942

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

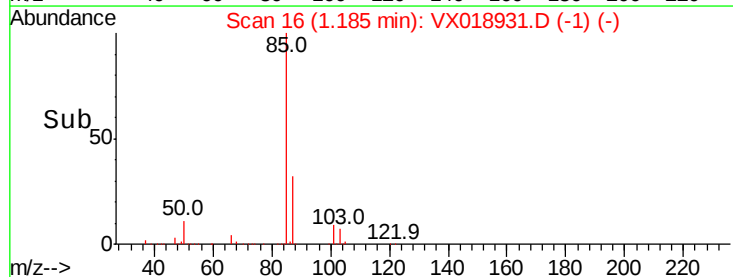
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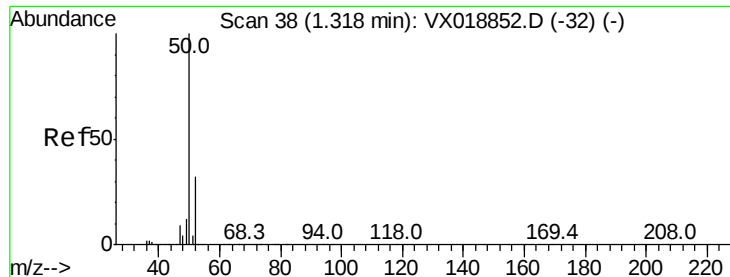
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 48.242 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

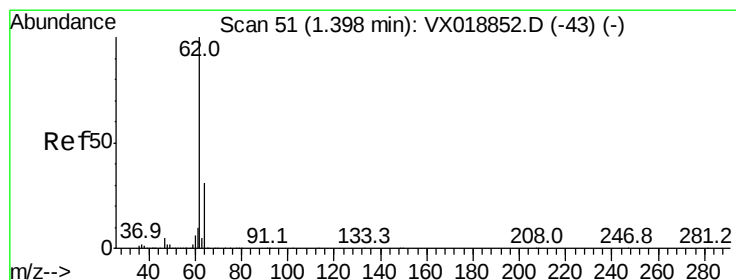
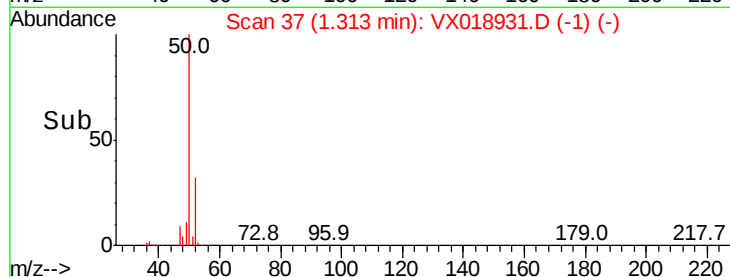
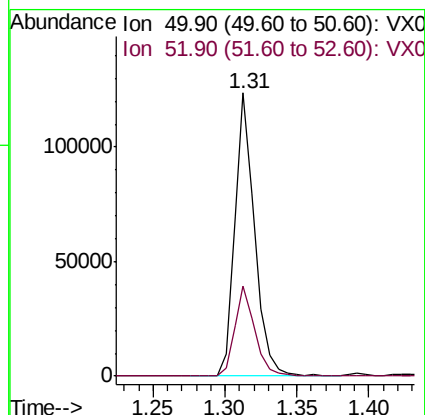
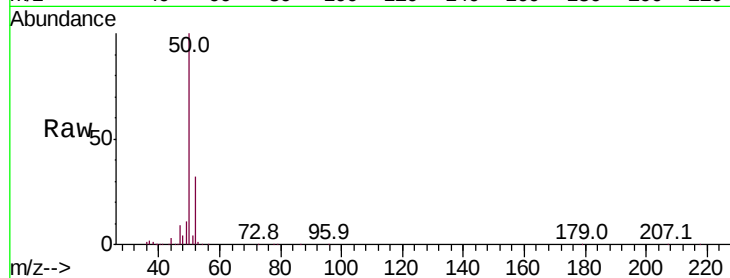
VSTDCCC050EC

Tot Ion: 50 Resp: 120000

Ion Ratio Lower Upper

50 100

52 31.7 25.2 37.8



#4

Vinyl Chloride

Concen: 48.384 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018931.D

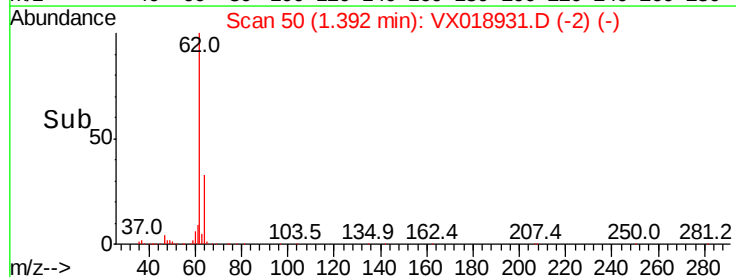
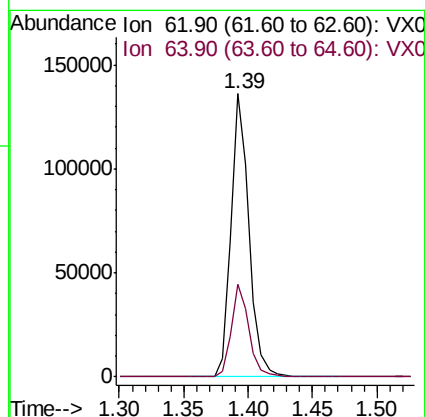
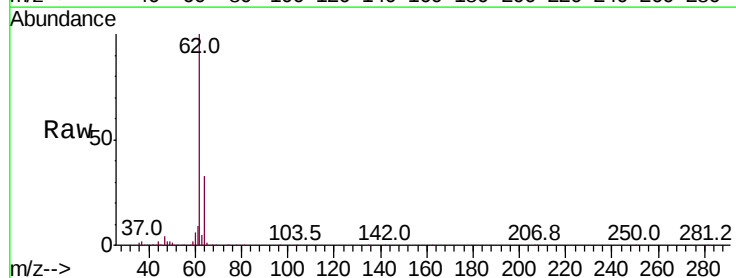
Acq: 13 Oct 2020 16:22

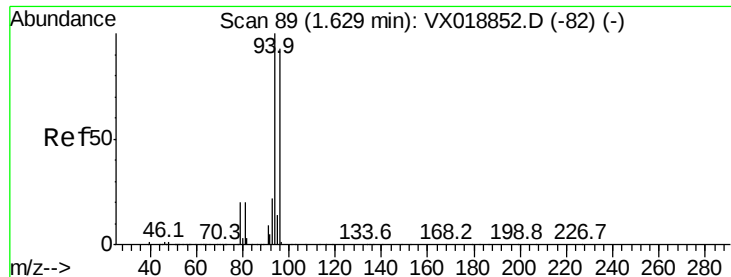
Tgt Ion: 62 Resp: 134535

Ion Ratio Lower Upper

62 100

64 32.7 24.6 37.0





#5

Bromomethane

Concen: 56.683 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

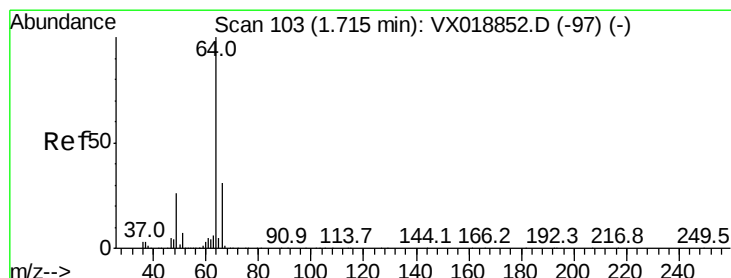
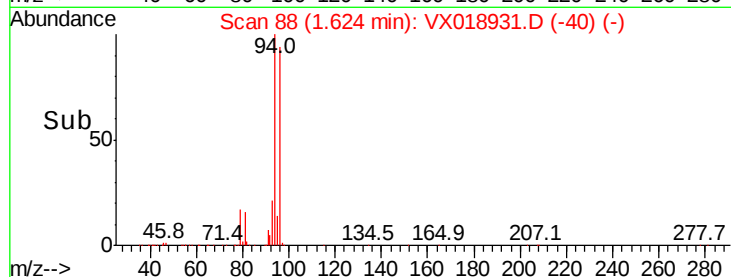
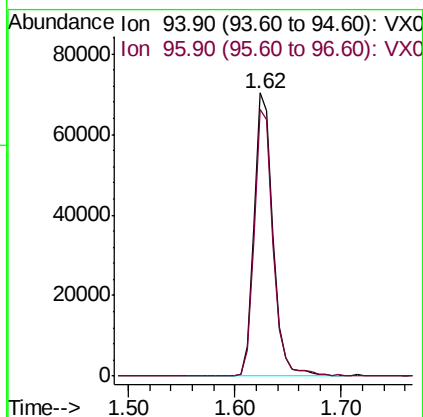
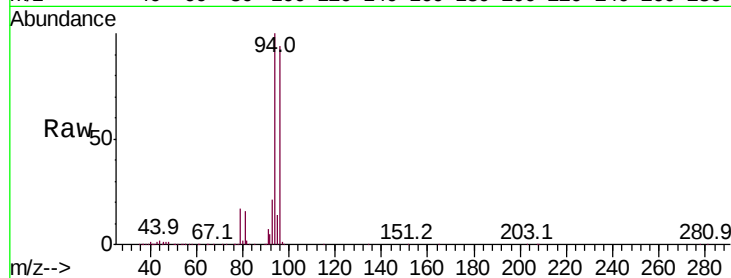
VSTDCCC050EC

Tot Ion: 94 Resp: 87781

Ion Ratio Lower Upper

94 100

96 94.2 74.5 111.7



#6

Chloroethane

Concen: 46.295 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018931.D

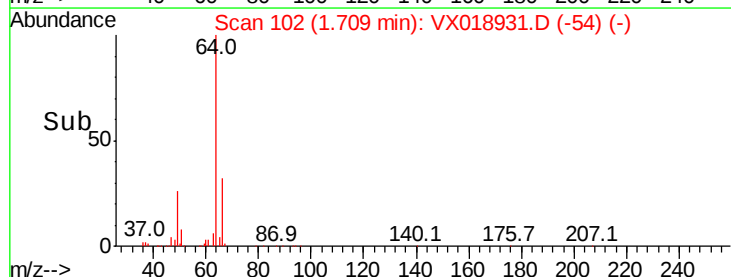
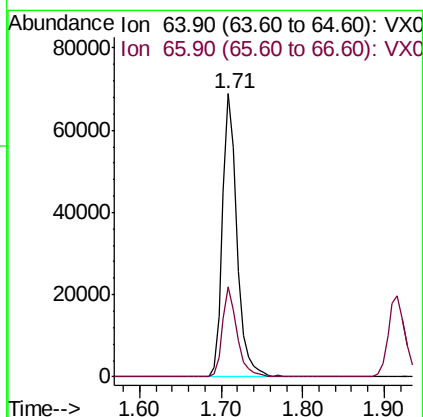
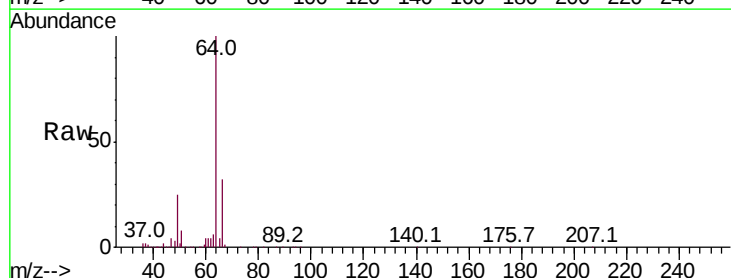
Acq: 13 Oct 2020 16:22

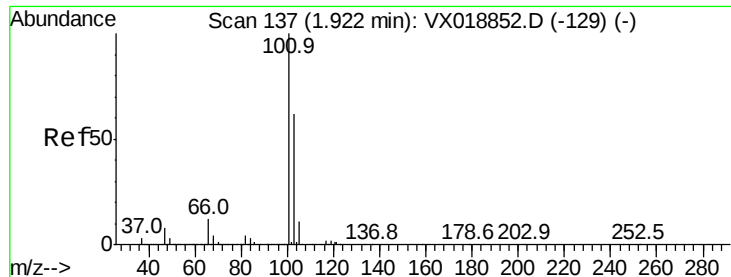
Tgt Ion: 64 Resp: 86216

Ion Ratio Lower Upper

64 100

66 31.7 24.7 37.1



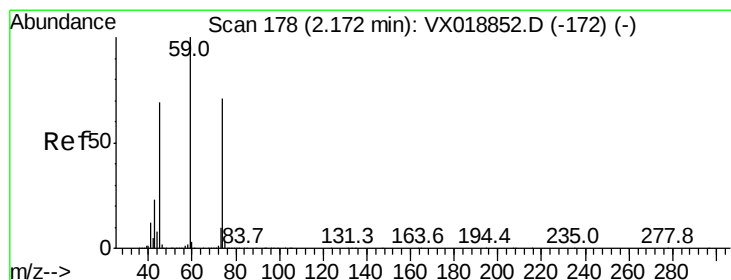
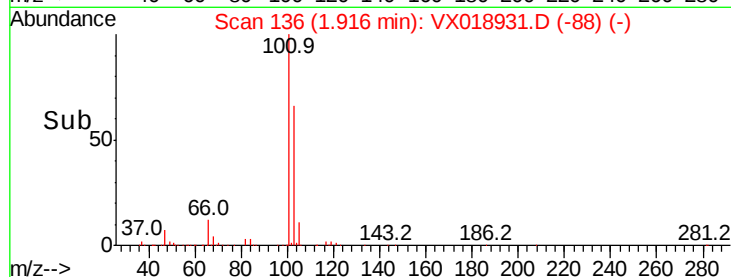
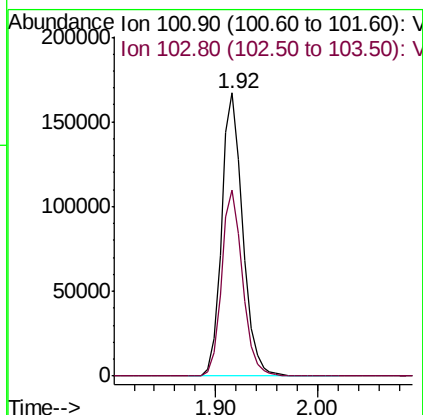
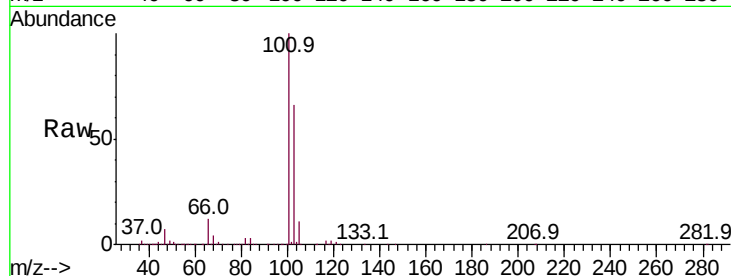


#7

Trichlorofluoromethane
Concen: 43.846 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018931.D
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Instrument :
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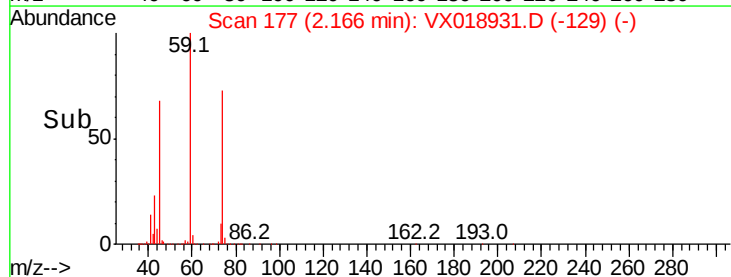
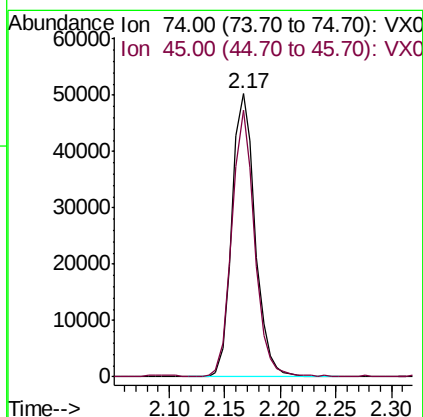
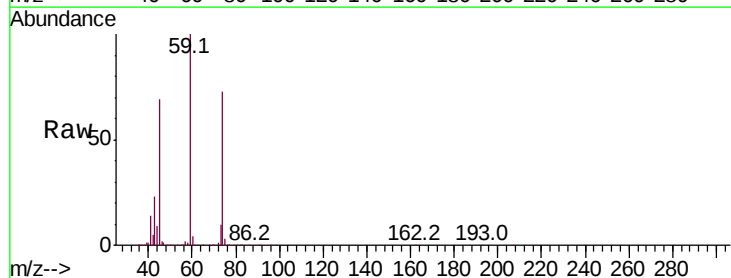
Tot Ion:101 Resp: 240312
Ion Ratio Lower Upper
101 100
103 65.9 50.0 75.0

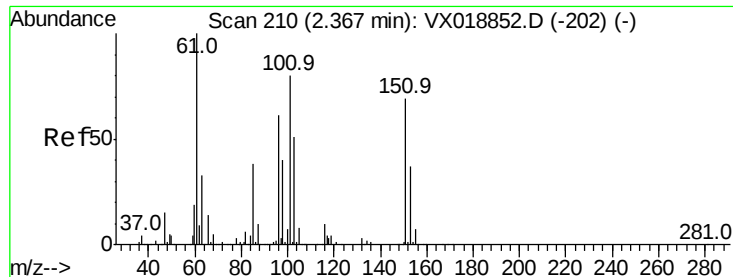


#8

Diethyl Ether
Concen: 47.685 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 74 Resp: 72760
Ion Ratio Lower Upper
74 100
45 92.0 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.409 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

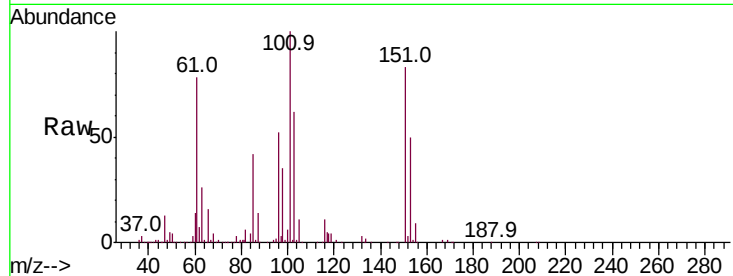
Tot Ion:101 Resp: 116896

Ion Ratio Lower Upper

101 100

85 44.2 36.6 55.0

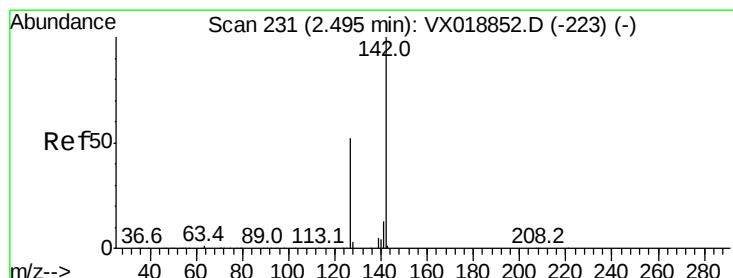
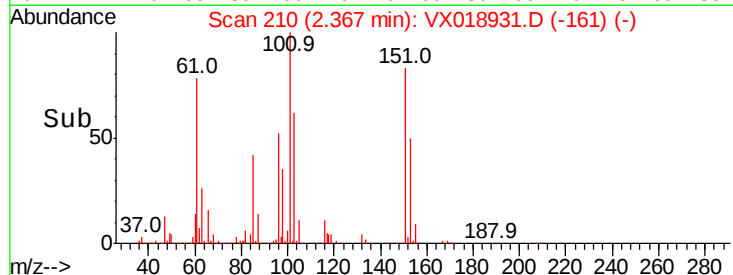
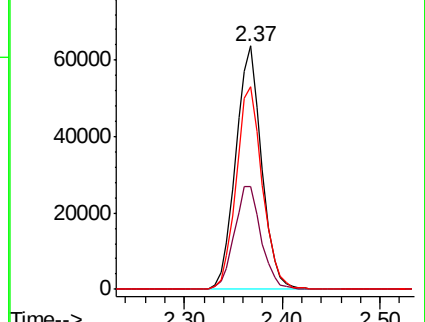
151 84.1 67.2 100.8



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: 46.779 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

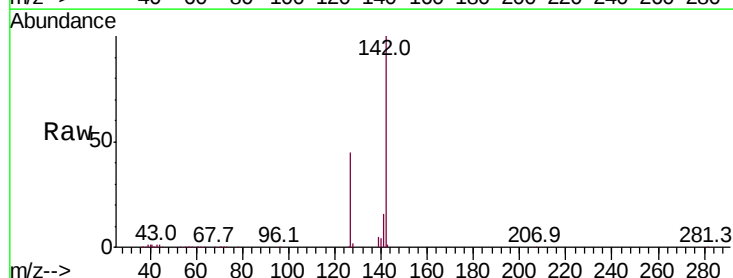
Tgt Ion:142 Resp: 128602

Ion Ratio Lower Upper

142 100

127 46.0 42.0 63.0

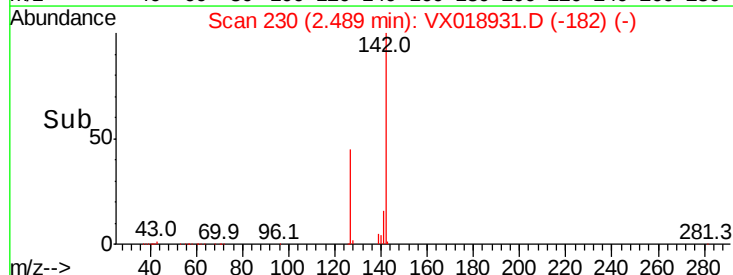
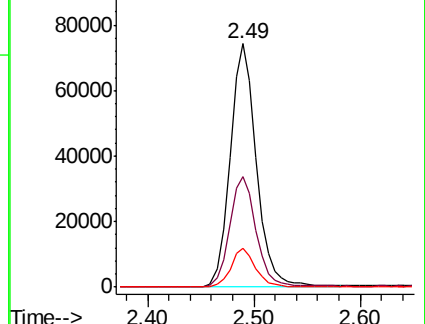
141 14.8 11.8 17.6

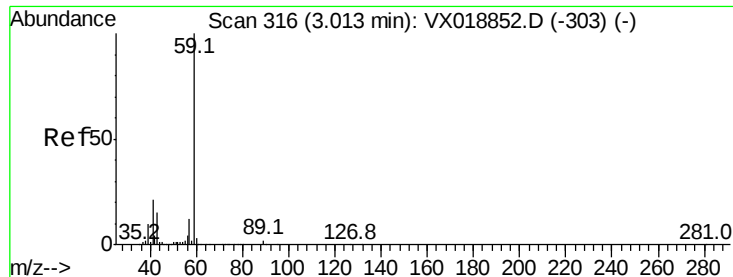


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

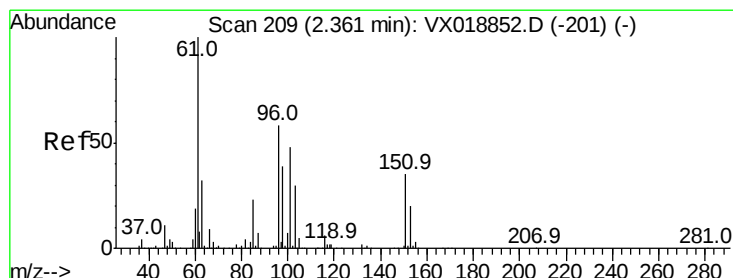
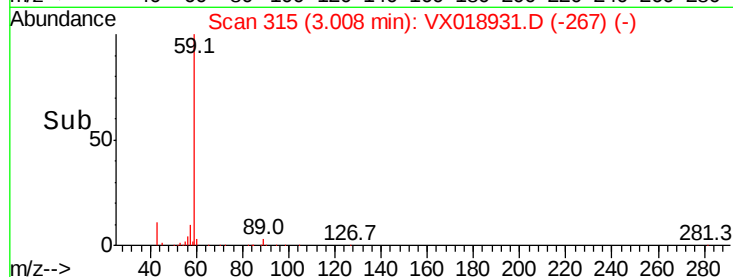
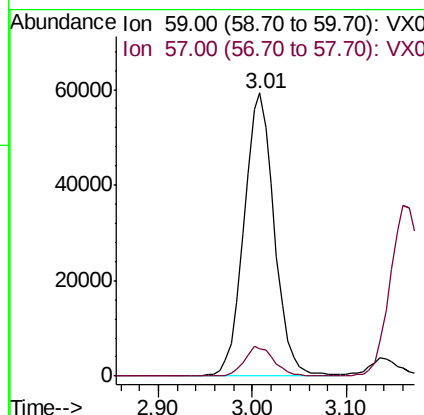
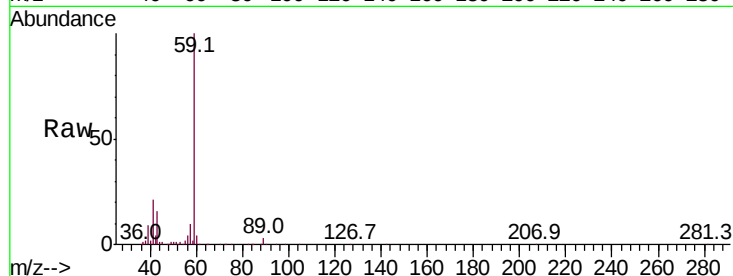




#11
Tert butyl alcohol
Concen: 216.462 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

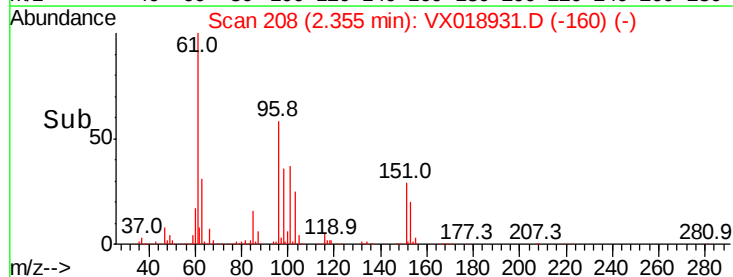
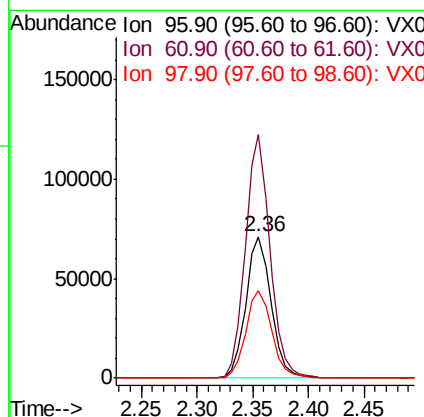
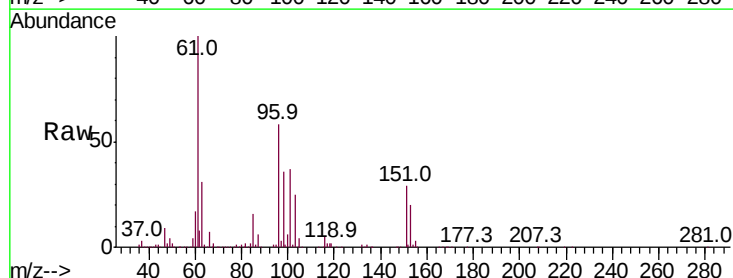
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

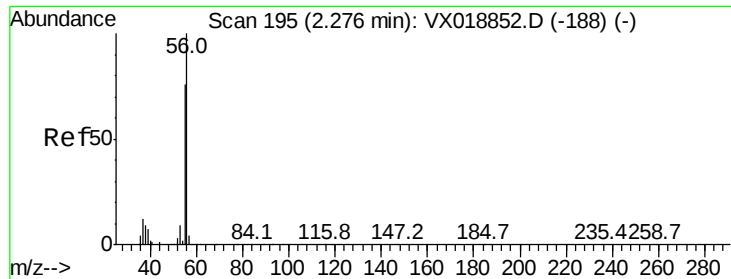
Tot Ion: 59 Resp: 133449
Ion Ratio Lower Upper
59 100
57 10.3 9.0 13.6



#12
1,1-Dichloroethene
Concen: 45.822 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 96 Resp: 112085
Ion Ratio Lower Upper
96 100
61 172.3 137.0 205.6
98 62.2 53.9 80.9





#13

Acrolein

Concen: 231.553 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

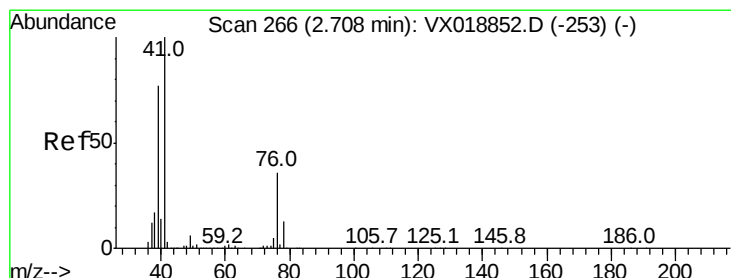
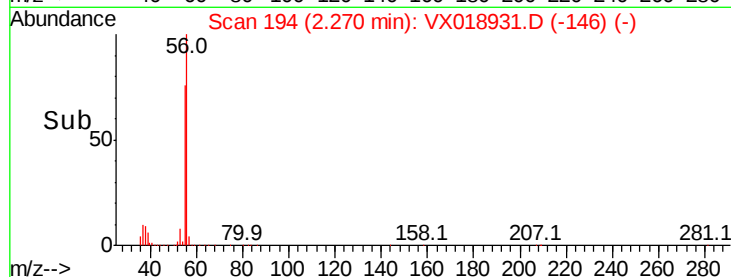
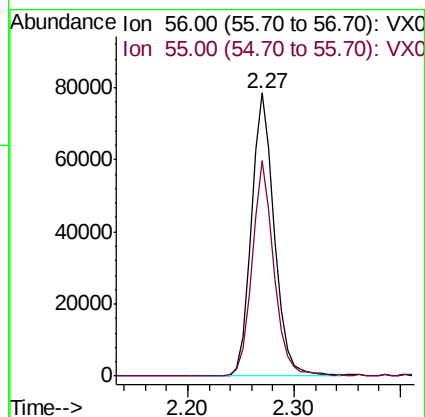
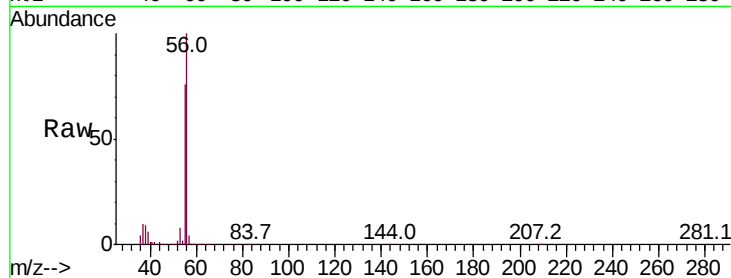
VSTDCCC050EC

Tot Ion: 56 Resp: 118772

Ion Ratio Lower Upper

56 100

55 72.0 58.6 87.8



#14

Allyl chloride

Concen: 46.140 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

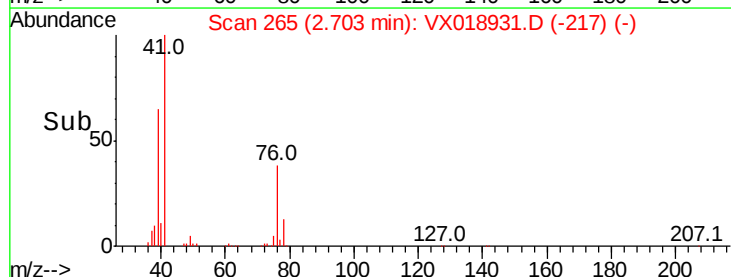
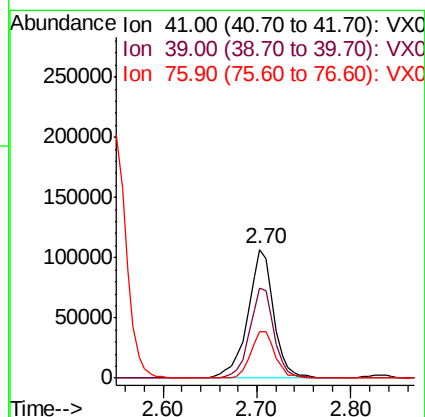
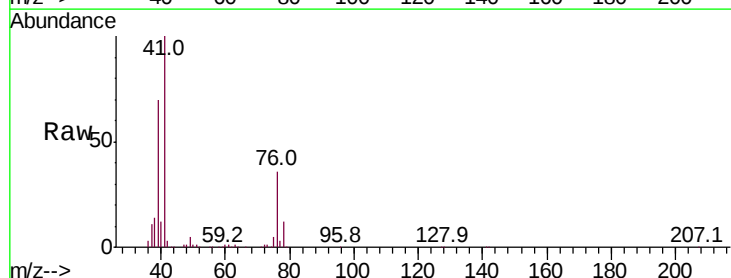
Tgt Ion: 41 Resp: 205041

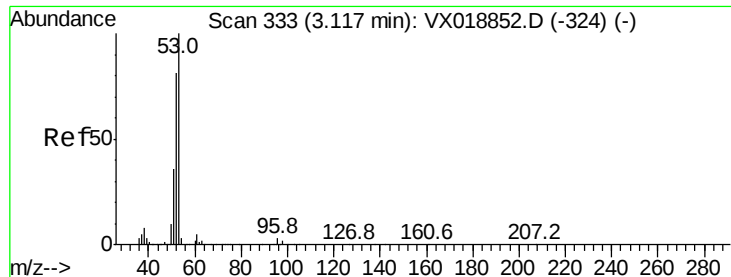
Ion Ratio Lower Upper

41 100

39 65.7 57.8 86.8

76 34.0 26.8 40.2





#15

Acrylonitrile

Concen: 234.467 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

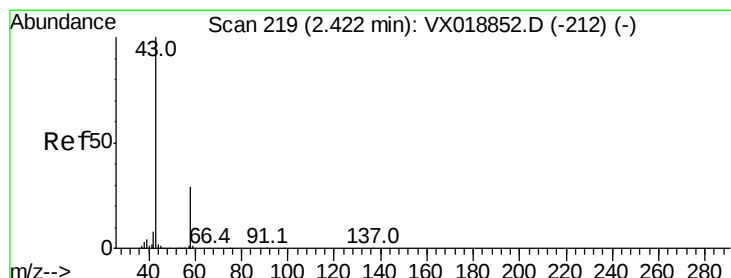
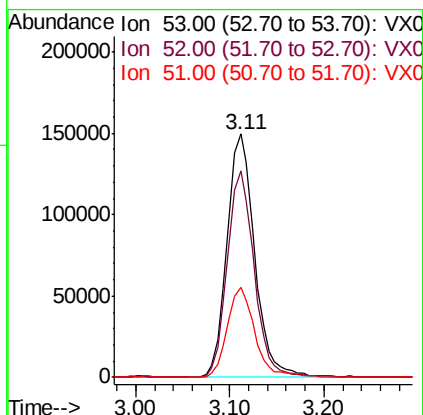
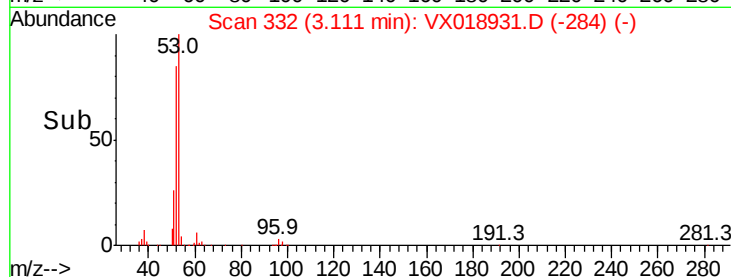
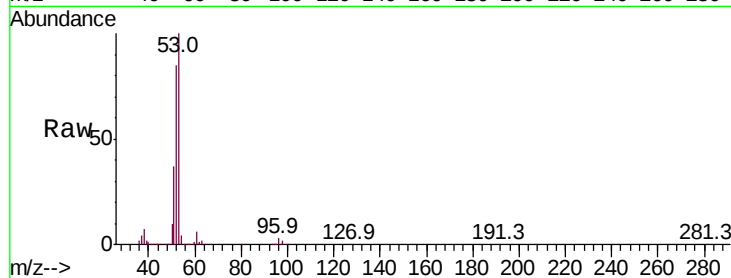
Tot Ion: 53 Resp: 306565

Ion Ratio Lower Upper

53 100

52 82.9 66.7 100.1

51 37.0 30.3 45.5



#16

Acetone

Concen: 215.584 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX018931.D

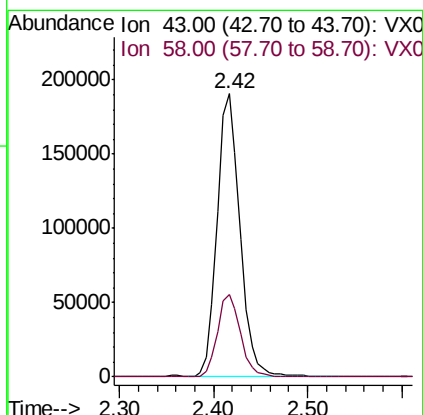
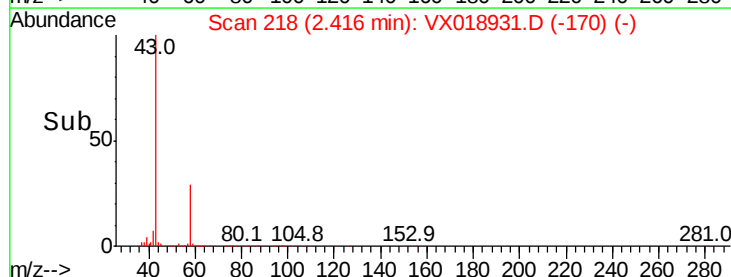
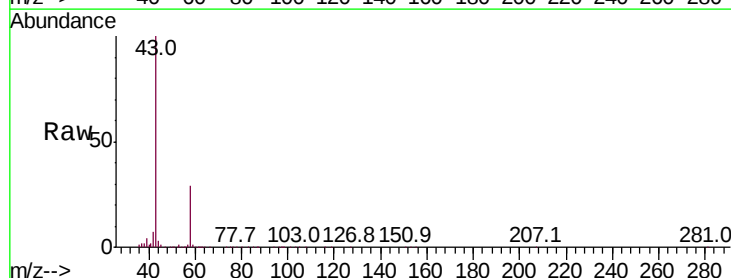
Acq: 13 Oct 2020 16:22

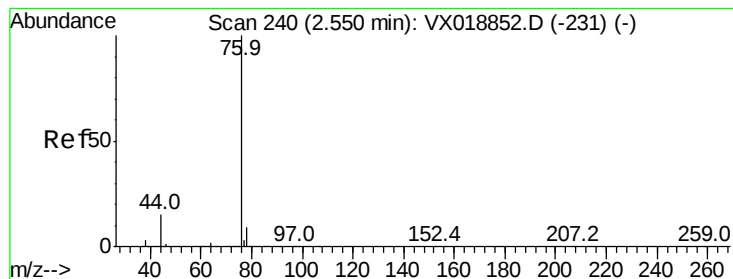
Tgt Ion: 43 Resp: 319578

Ion Ratio Lower Upper

43 100

58 29.3 23.0 34.4





#17

Carbon Disulfide

Concen: 46.114 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

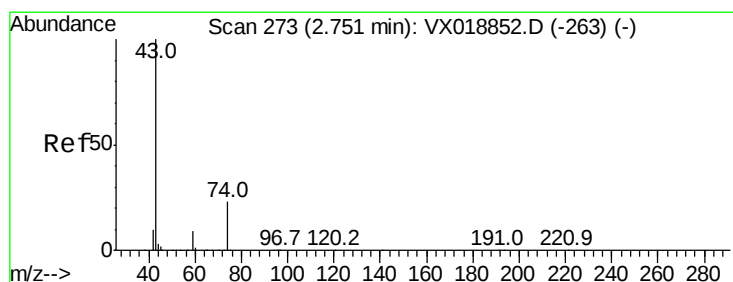
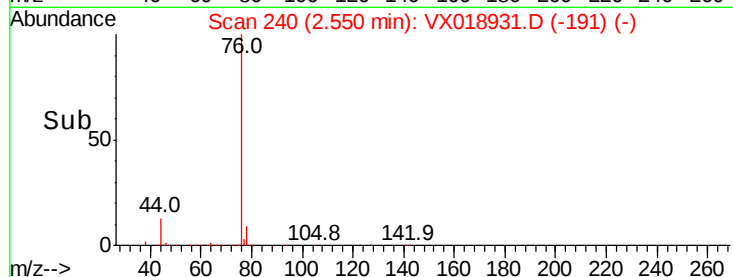
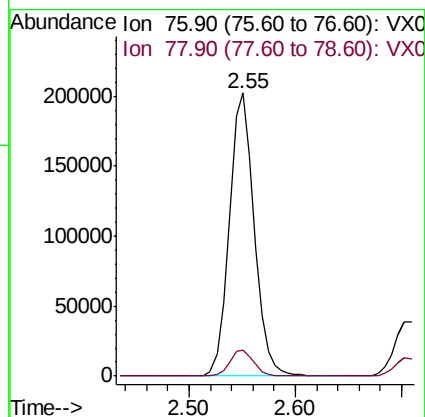
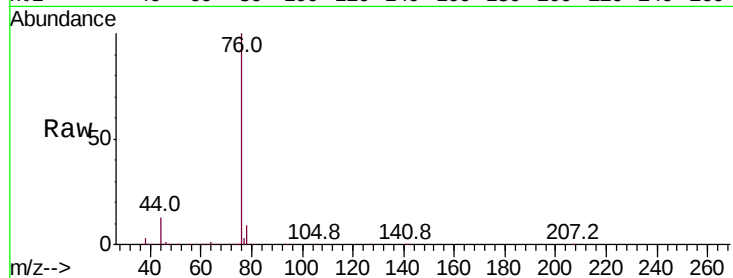
VSTDCCC050EC

Tot Ion: 76 Resp: 331425

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



#18

Methyl Acetate

Concen: 45.884 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018931.D

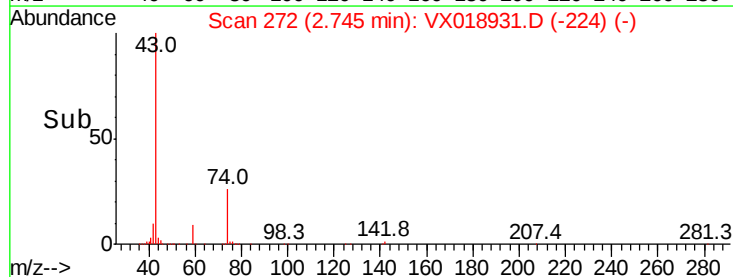
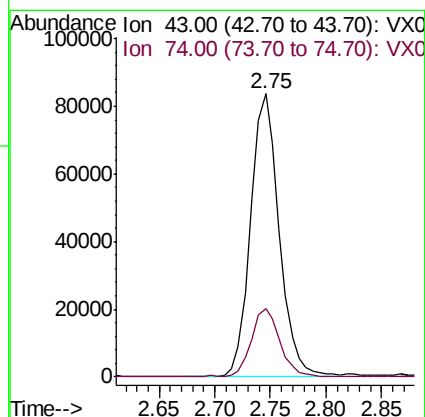
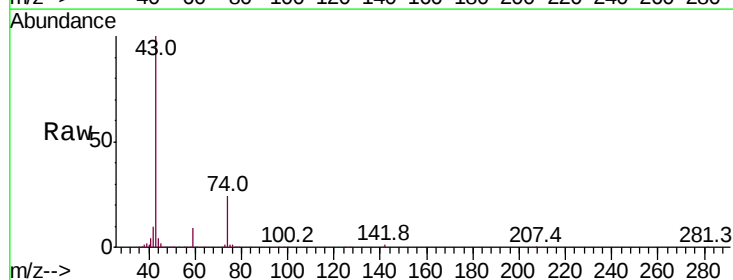
Acq: 13 Oct 2020 16:22

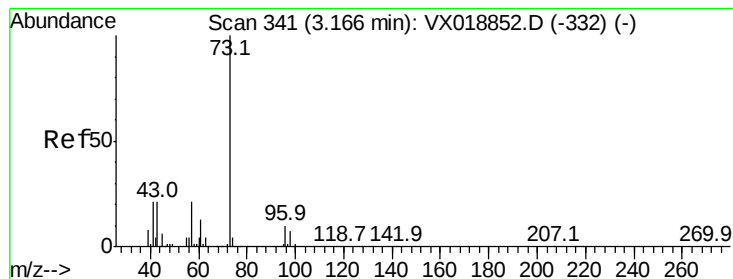
Tgt Ion: 43 Resp: 149302

Ion Ratio Lower Upper

43 100

74 23.8 18.9 28.3



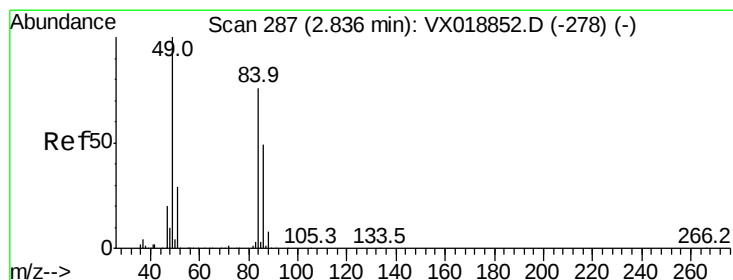
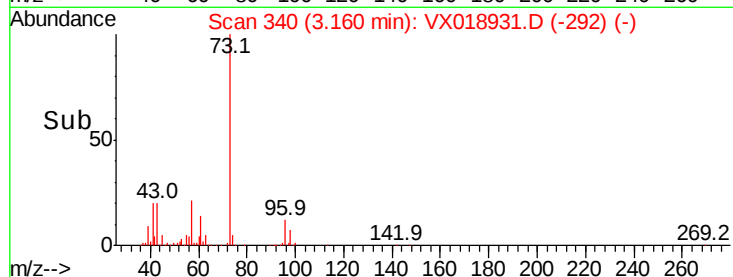
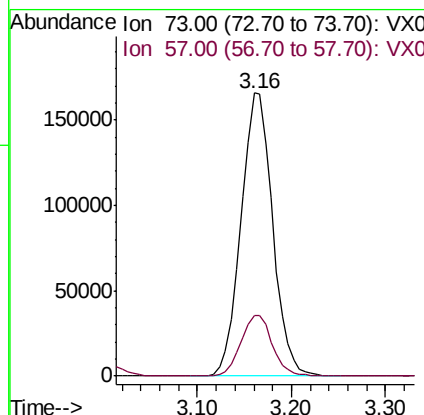
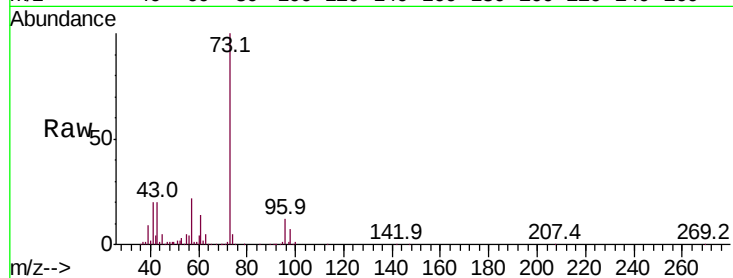


#19

Methyl tert-butyl Ether
 Concen: 47.316 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

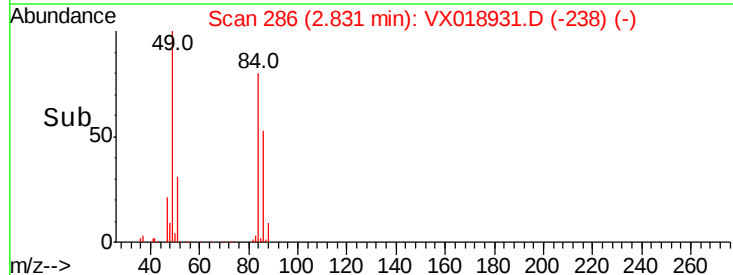
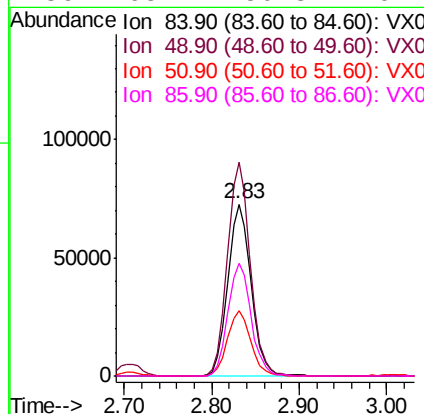
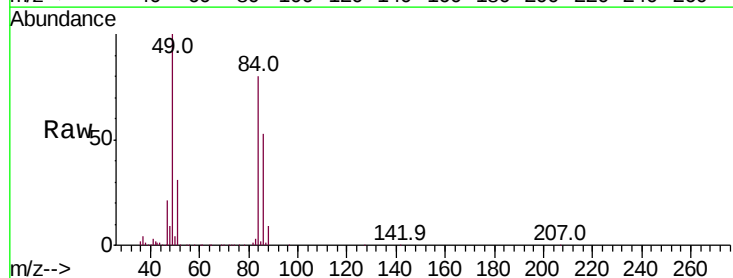
Tot Ion: 73 Resp: 388841
 Ion Ratio Lower Upper
 73 100
 57 21.5 16.7 25.1

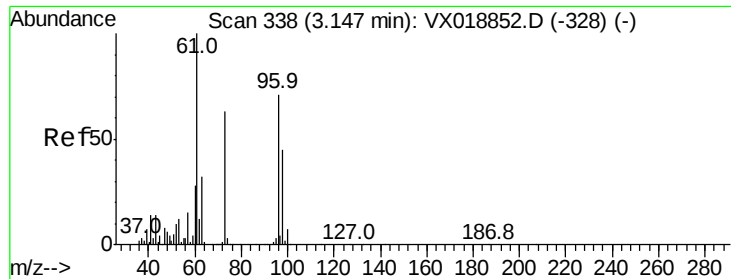


#20

Methylene Chloride
 Concen: 48.009 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion: 84 Resp: 133985
 Ion Ratio Lower Upper
 84 100
 49 124.3 104.8 157.2
 51 38.2 30.6 46.0
 86 65.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 47.012 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

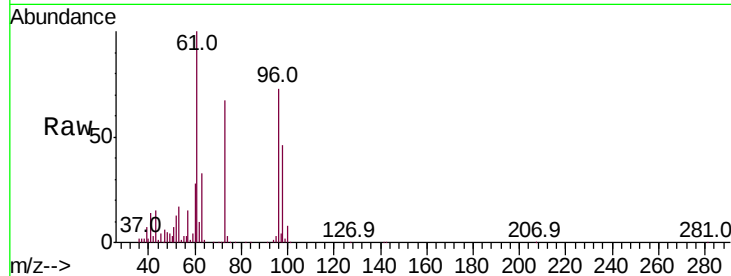
Tot Ion: 96 Resp: 133647

Ion Ratio Lower Upper

96 100

61 136.7 112.0 168.0

98 63.5 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

120000

100000

80000

60000

40000

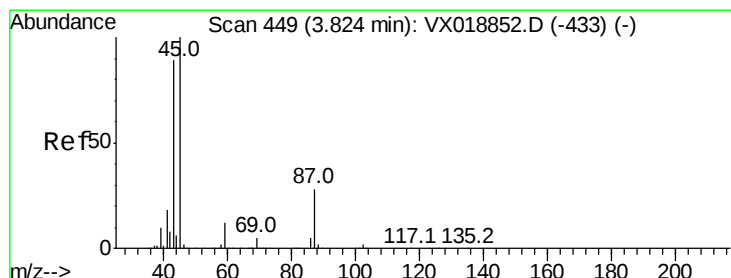
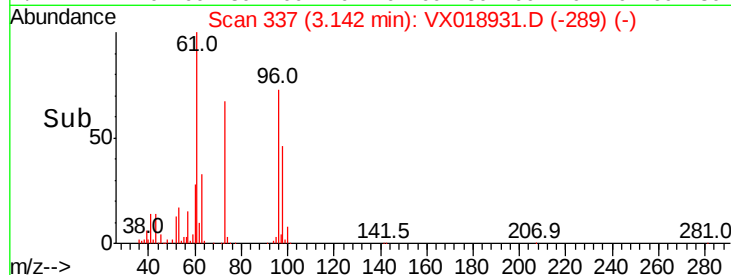
20000

0

3.10

3.20

Time-->



#22

Diisopropyl ether

Concen: 46.906 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Tgt Ion: 45 Resp: 373051

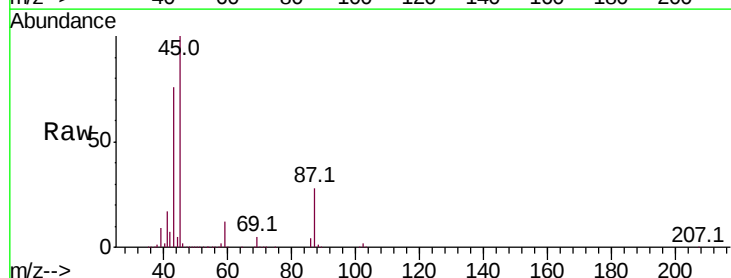
Ion Ratio Lower Upper

45 100

43 76.2 71.2 106.8

87 28.4 22.5 33.7

59 11.7 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

1000000

800000

600000

400000

200000

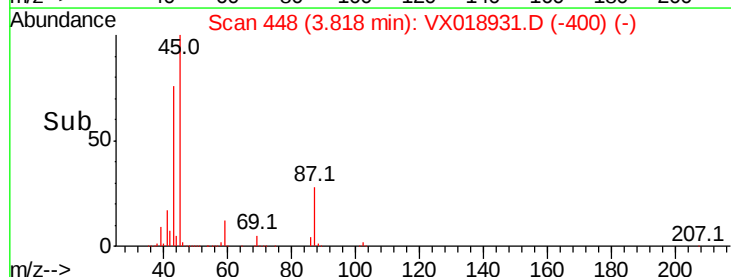
0

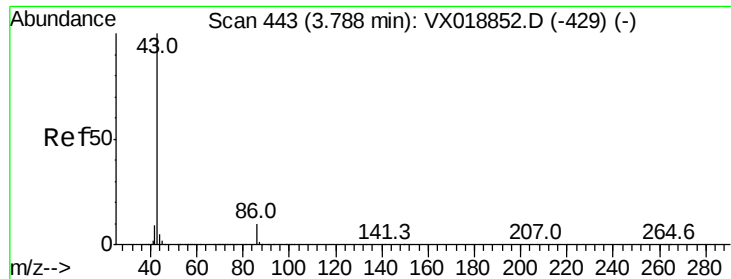
3.70

3.80

3.90

Time-->





#23

Vinyl Acetate

Concen: 236.954 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

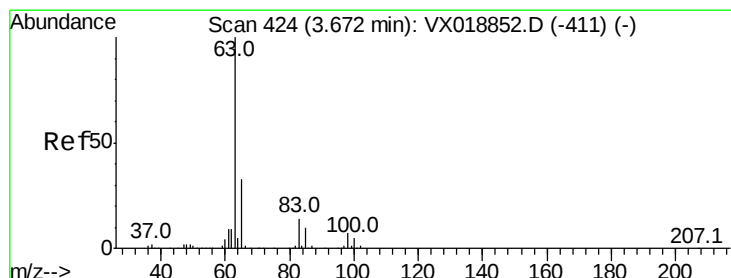
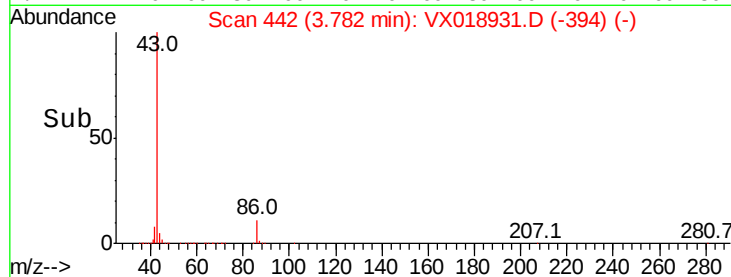
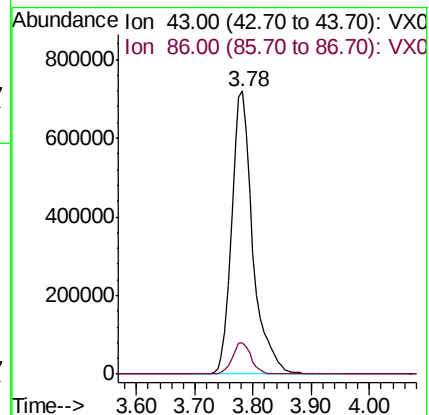
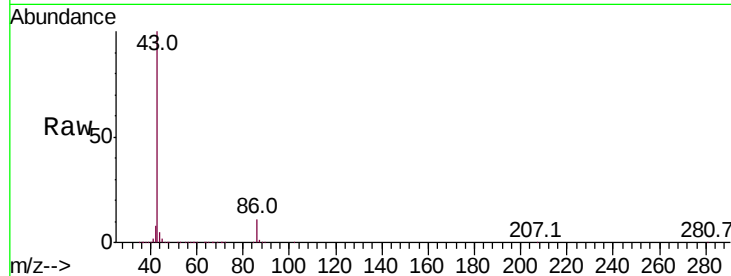
VSTDCCC050EC

Tot Ion: 43 Resp: 1812476

Ion Ratio Lower Upper

43 100

86 11.1 8.3 12.5



#24

1,1-Dichloroethane

Concen: 44.604 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

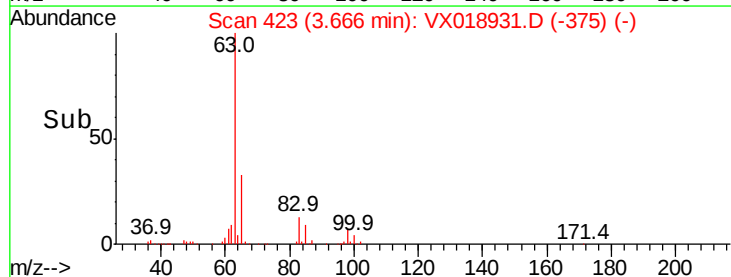
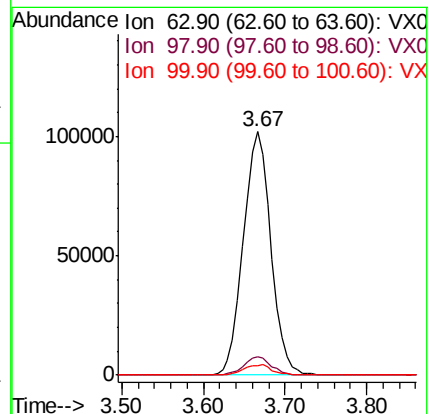
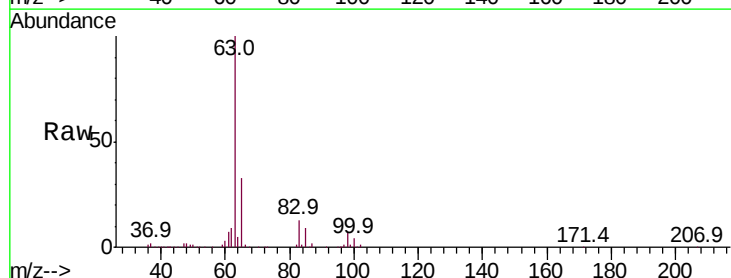
Tgt Ion: 63 Resp: 238509

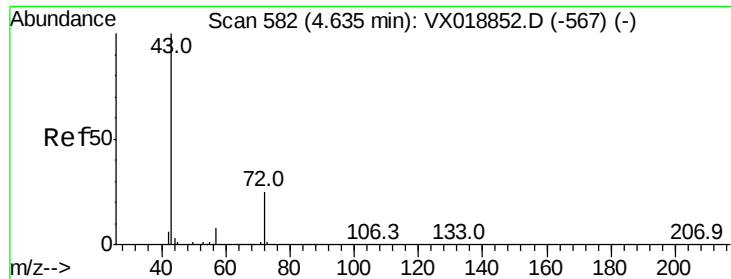
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

100 4.0 2.5 7.6

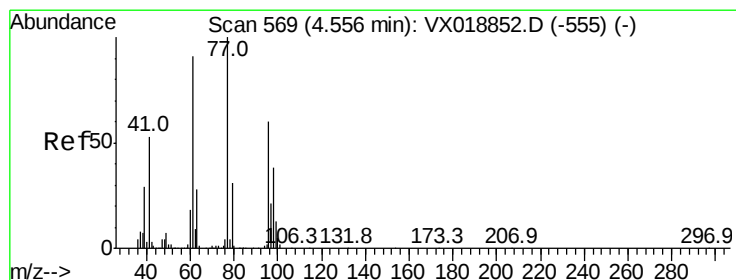
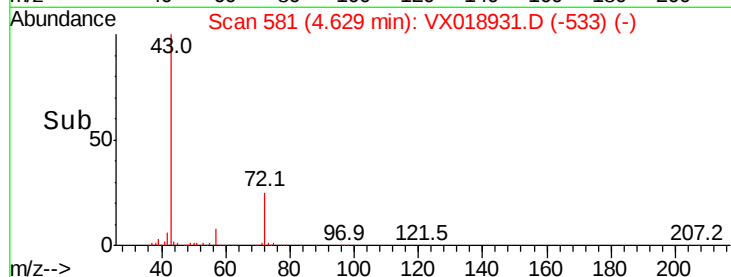
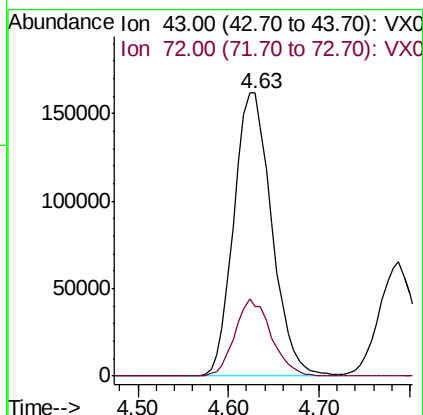
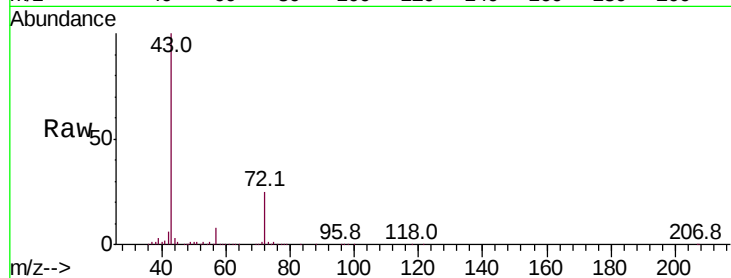




#25
2-Butanone
Concen: 221.401 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

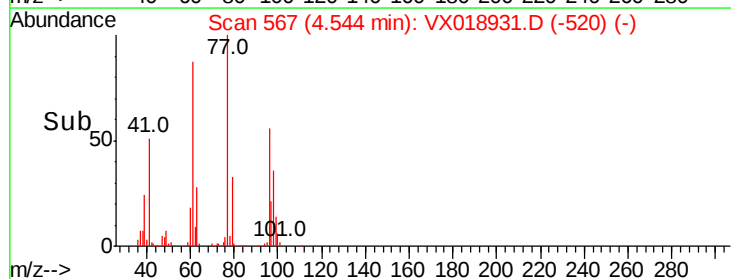
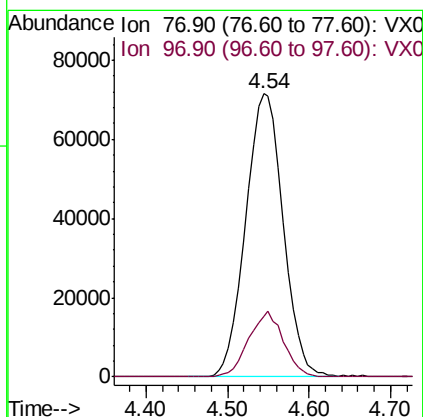
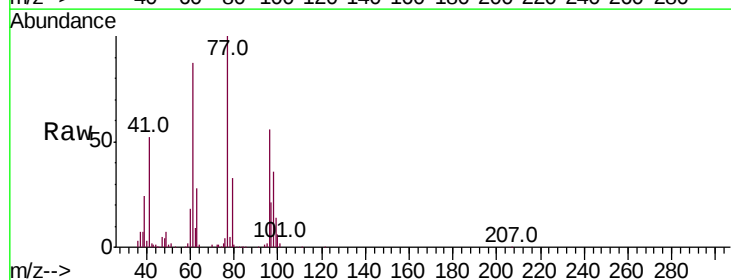
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

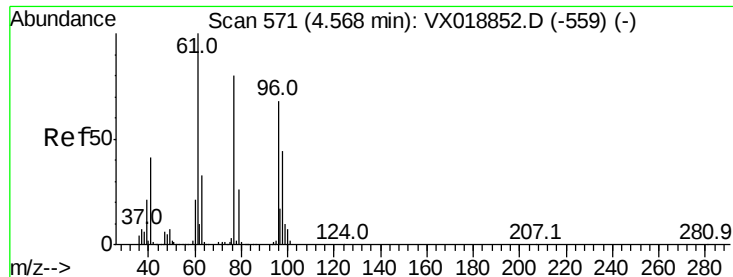
Tot Ion: 43 Resp: 469403
Ion Ratio Lower Upper
43 100
72 24.6 20.2 30.4



#26
2,2-Dichloropropane
Concen: 44.300 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 77 Resp: 228558
Ion Ratio Lower Upper
77 100
97 21.6 10.4 31.4



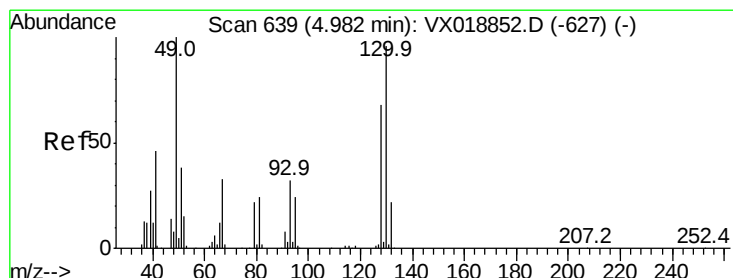
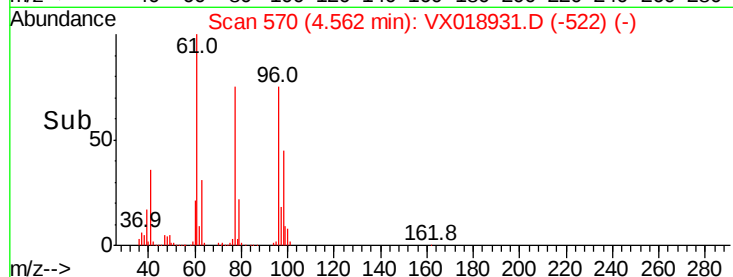
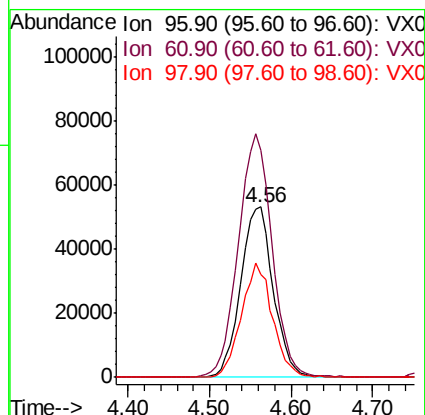
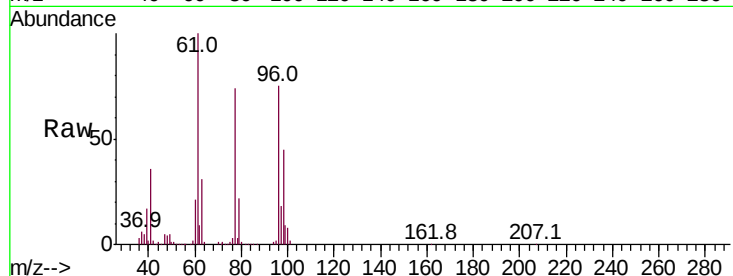


#27

cis-1,2-Dichloroethene
Concen: 46.567 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

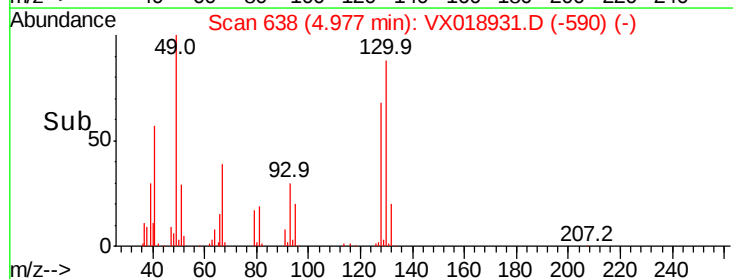
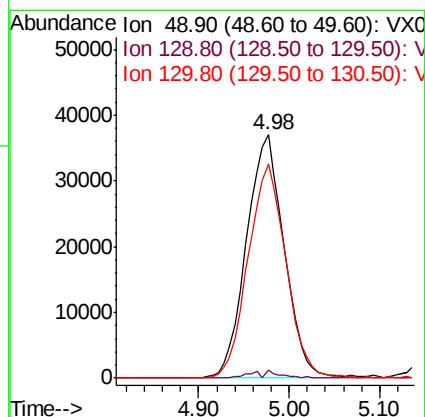
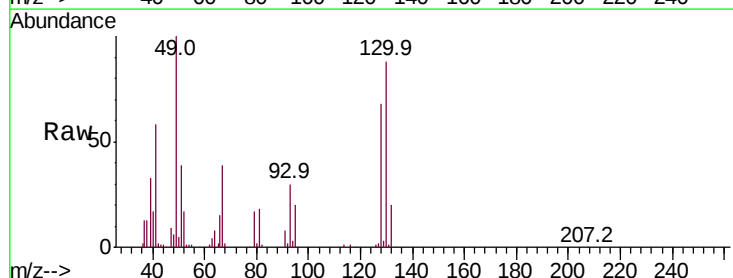
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	306.8
98	64.2	0.0	130.2

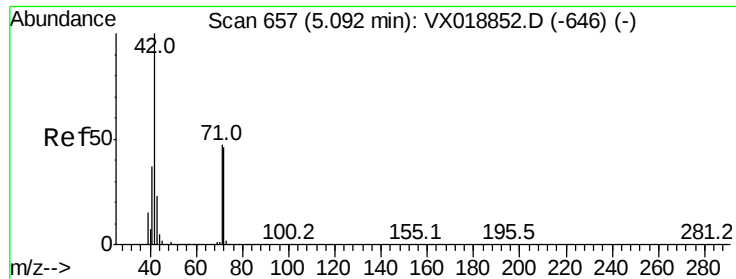


#28

Bromochloromethane
Concen: 45.210 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	5.4
130	88.3	71.2	106.8





#29

Tetrahydrofuran

Concen: 226.916 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

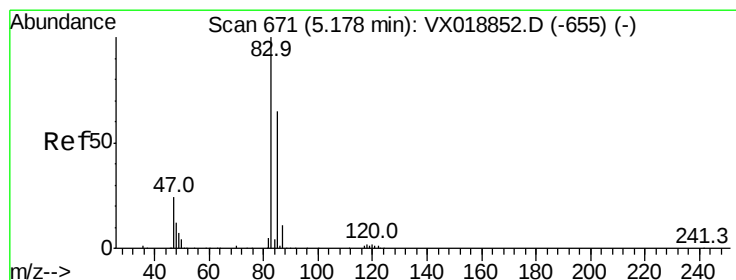
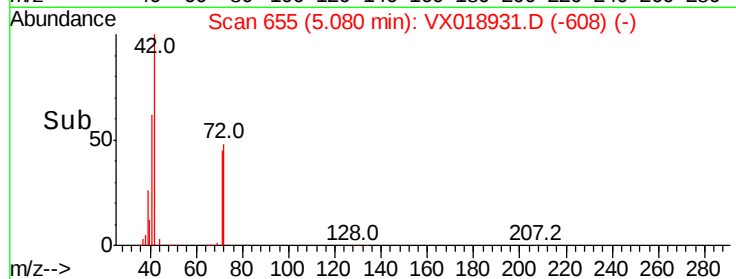
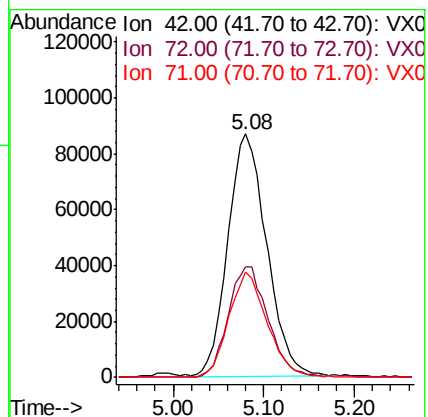
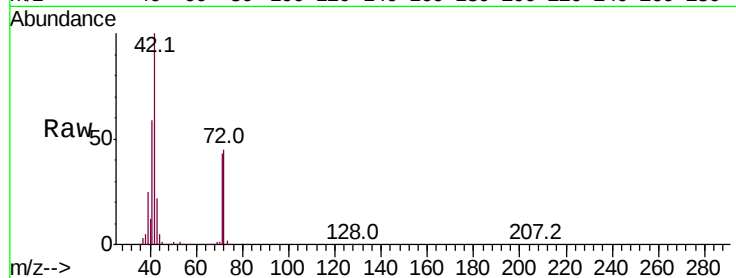
Tot Ion: 42 Resp: 258118

Ion Ratio Lower Upper

42 100

72 47.3 36.4 54.6

71 43.0 35.2 52.8



#30

Chloroform

Concen: 43.799 ug/l

RT: 5.17 min Scan# 669

Delta R.T. -0.01 min

Lab File: VX018931.D

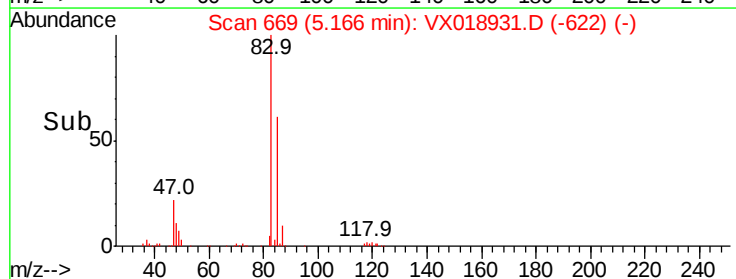
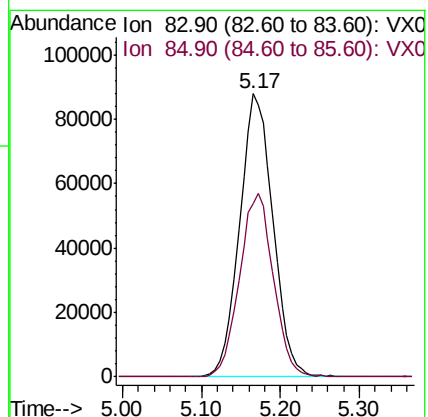
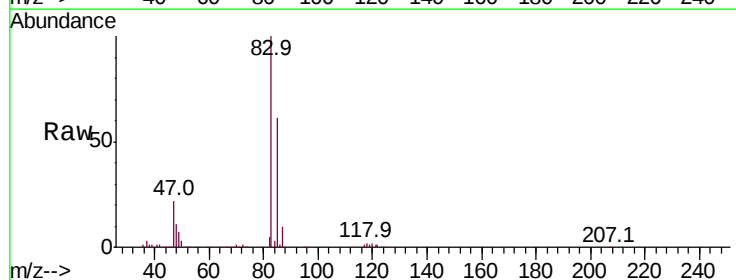
Acq: 13 Oct 2020 16:22

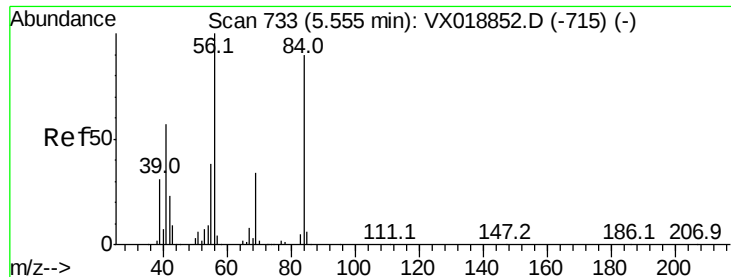
Tgt Ion: 83 Resp: 258040

Ion Ratio Lower Upper

83 100

85 61.2 51.8 77.8

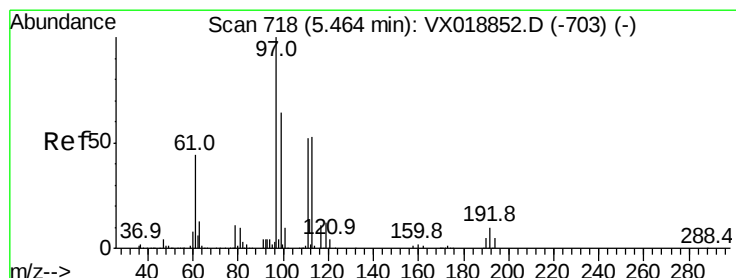
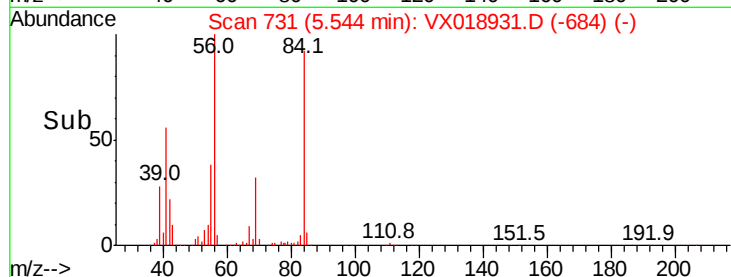
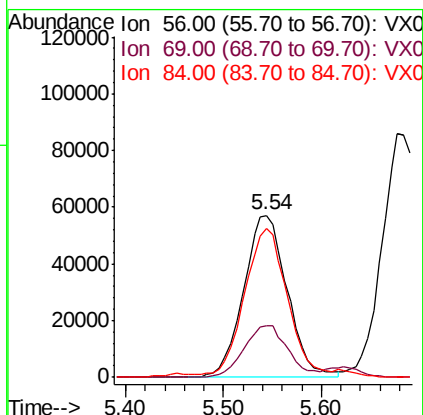
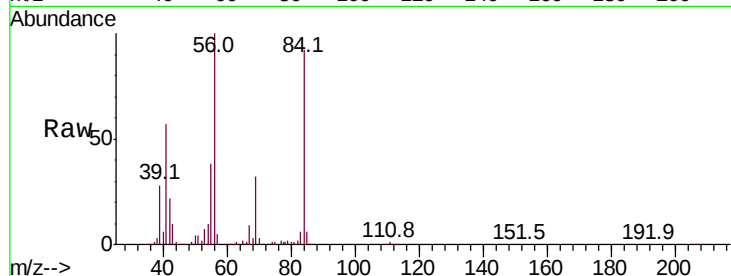




#31
Cyclohexane
Concen: 48.282 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

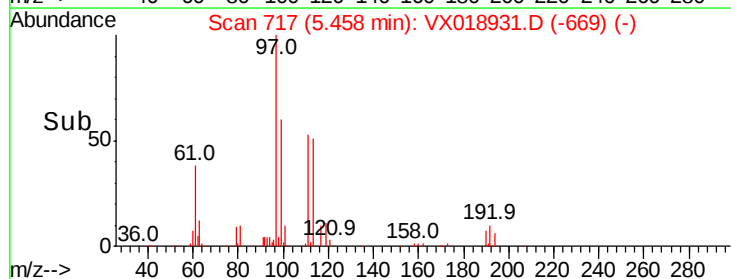
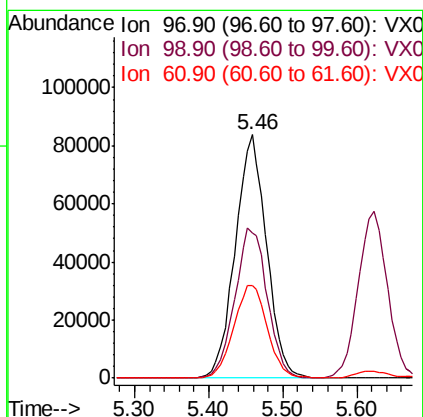
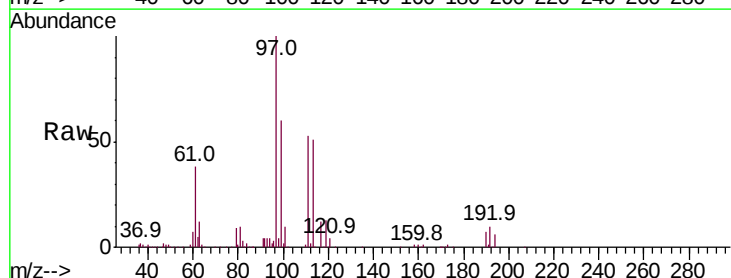
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

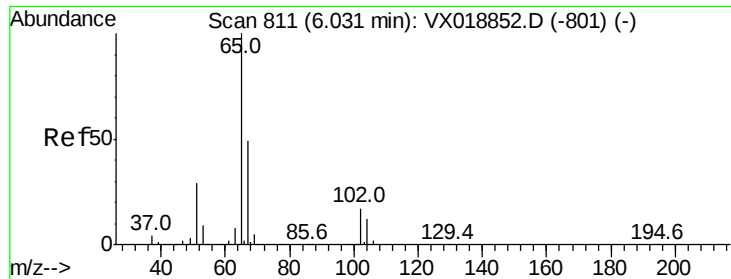
Tot Ion: 56 Resp: 176519
Ion Ratio Lower Upper
56 100
69 32.1 27.1 40.7
84 89.9 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 44.101 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 97 Resp: 246908
Ion Ratio Lower Upper
97 100
99 63.9 52.1 78.1
61 41.0 35.3 52.9





#33

1,2-Dichloroethane-d4

Concen: 41.598 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

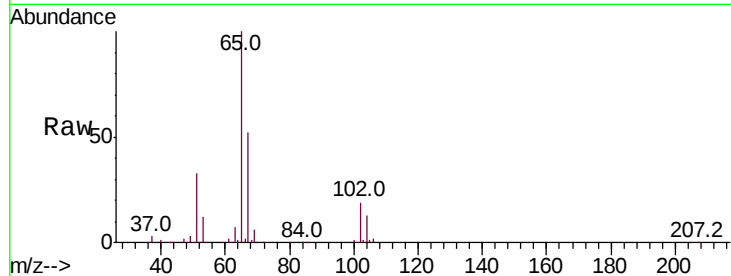
VSTDCCC050EC

Tot Ion: 65 Resp: 162829

Ion Ratio Lower Upper

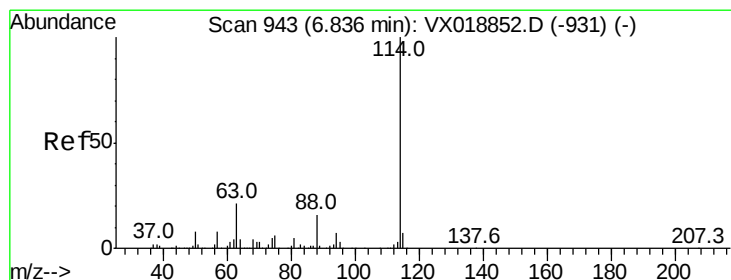
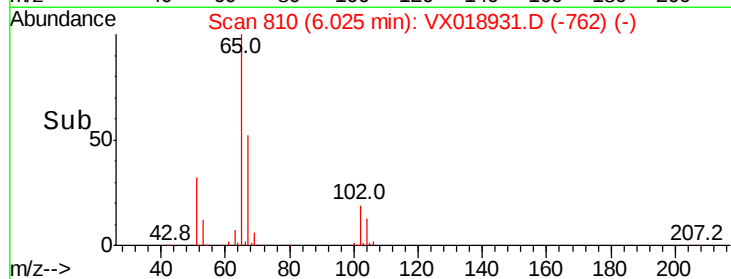
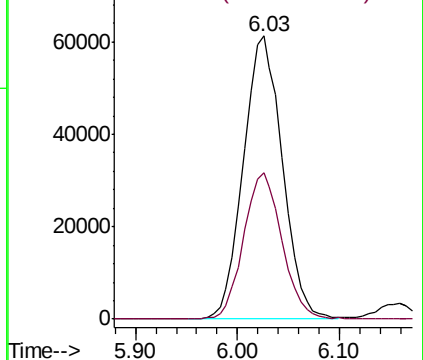
65 100

67 50.9 0.0 97.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

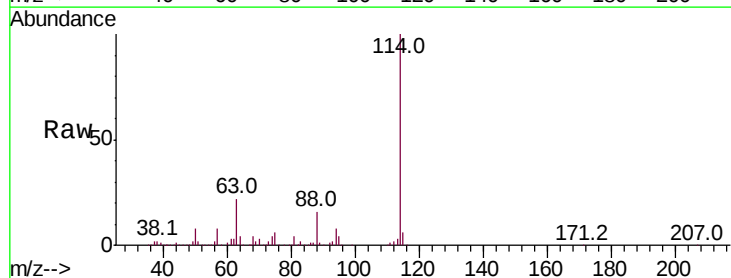
Tgt Ion: 114 Resp: 374612

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

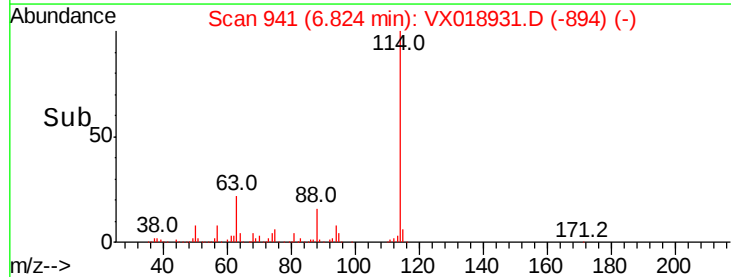
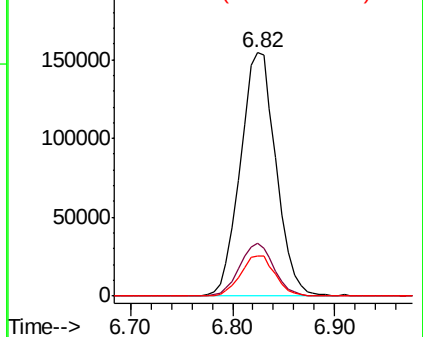
88 16.4 0.0 32.6

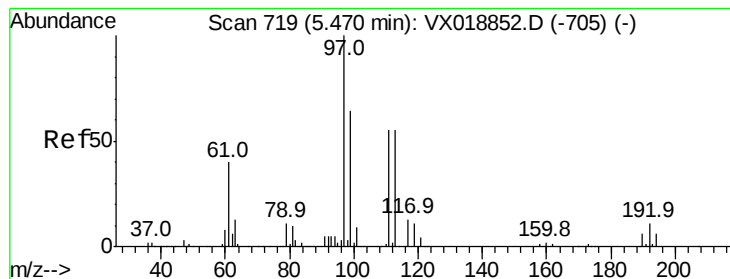


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.347 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

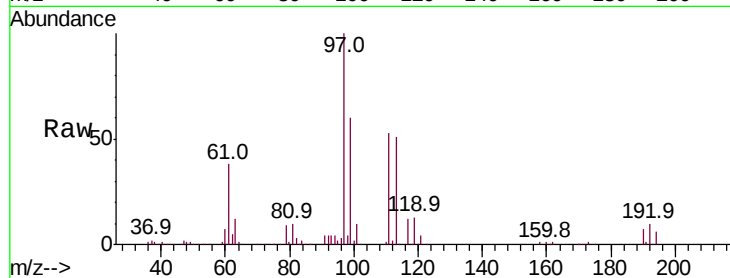
Tot Ion:113 Resp: 123734

Ion Ratio Lower Upper

113 100

111 103.0 80.1 120.1

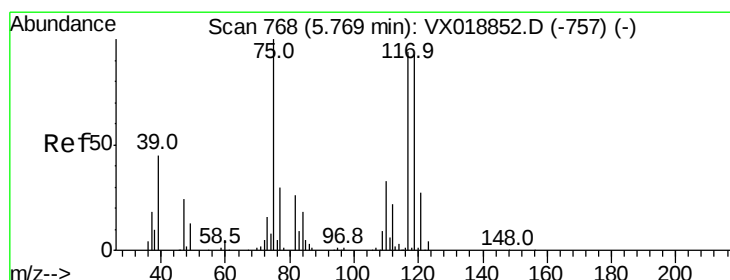
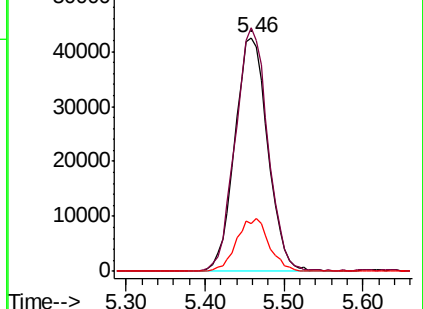
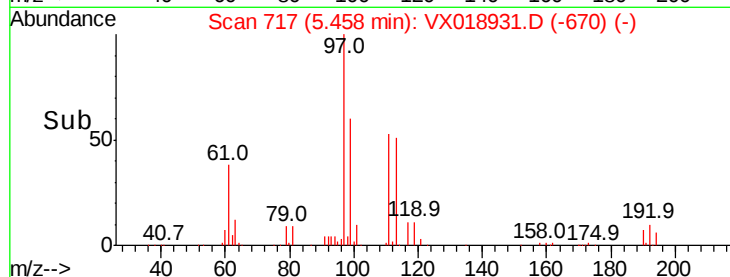
192 22.4 16.0 24.0



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: 48.005 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

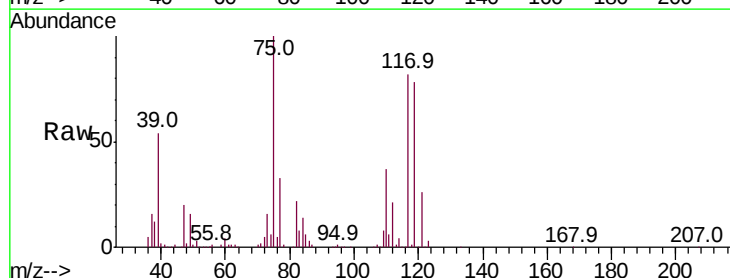
Tgt Ion: 75 Resp: 189076

Ion Ratio Lower Upper

75 100

110 34.8 17.8 53.5

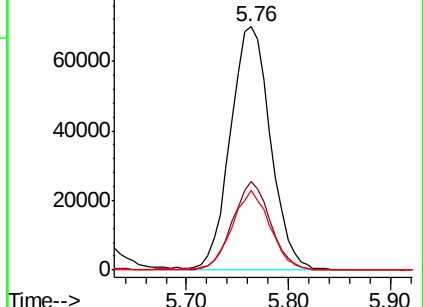
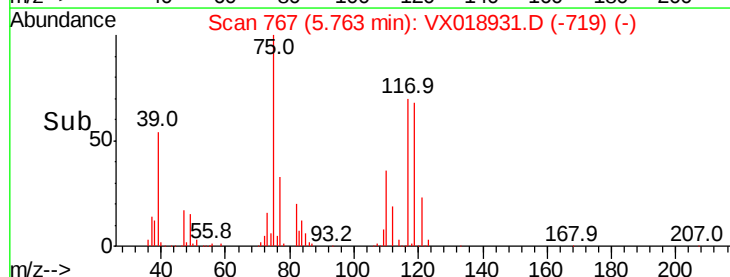
77 31.1 24.2 36.4

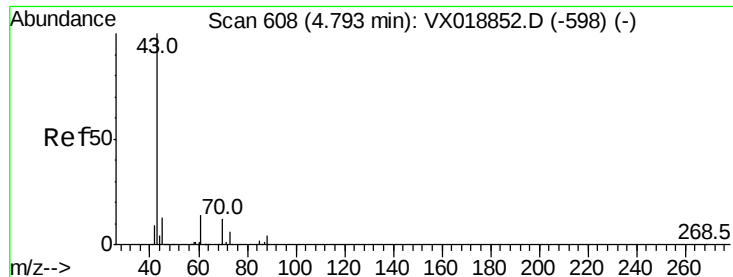


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

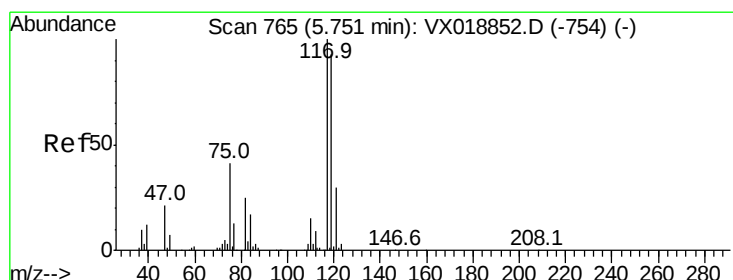
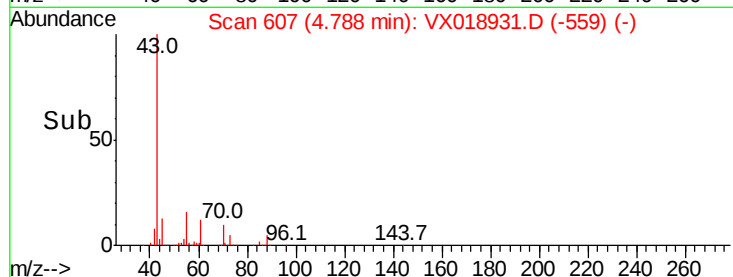
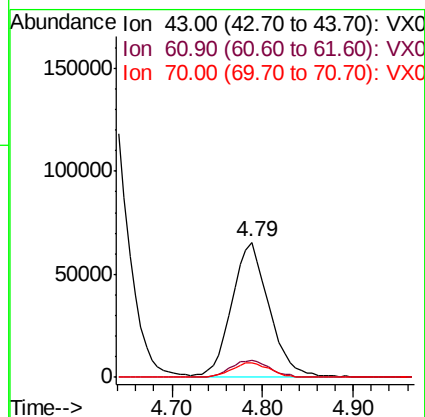
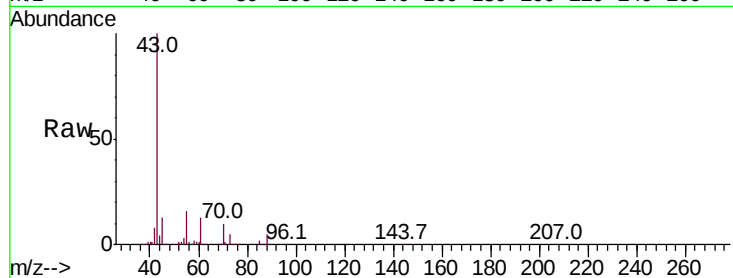




#37
Ethyl Acetate
Concen: 48.536 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

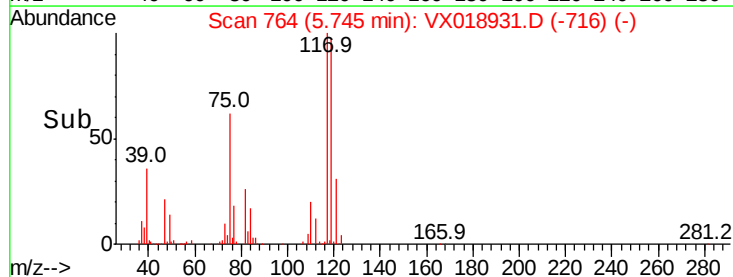
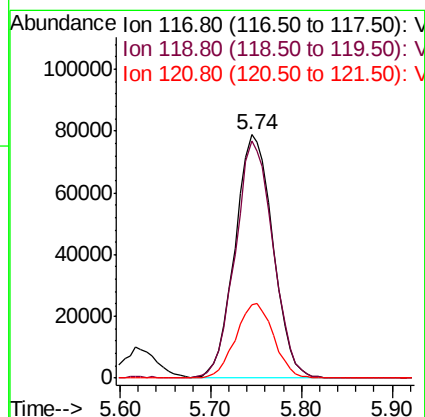
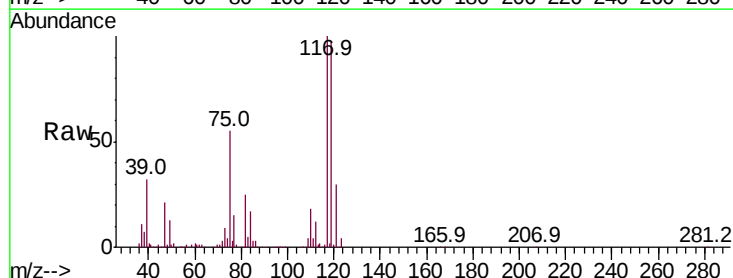
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

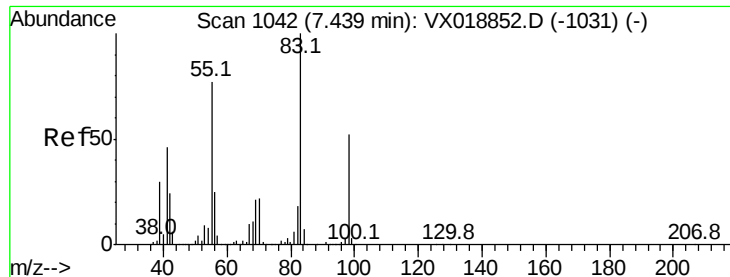
Tot Ion: 43 Resp: 184608
Ion Ratio Lower Upper
43 100
61 13.7 10.9 16.3
70 11.2 8.6 13.0



#38
Carbon Tetrachloride
Concen: 46.740 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 117 Resp: 228175
Ion Ratio Lower Upper
117 100
119 97.1 73.9 110.9
121 30.4 23.6 35.4

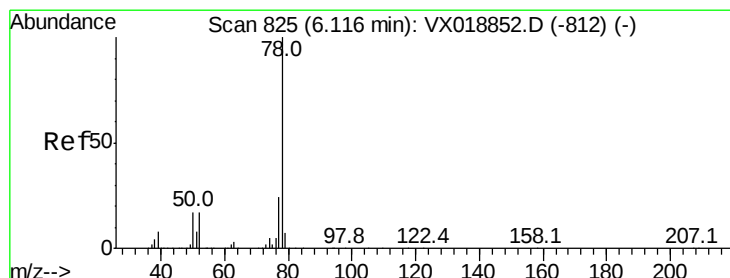
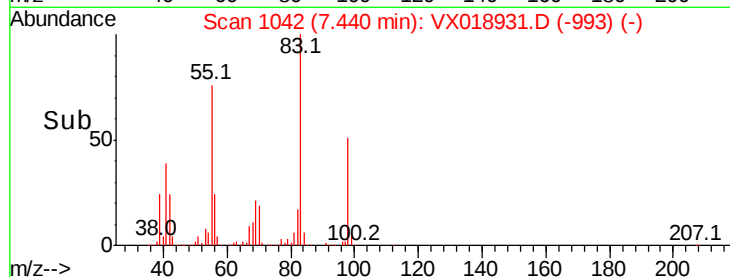
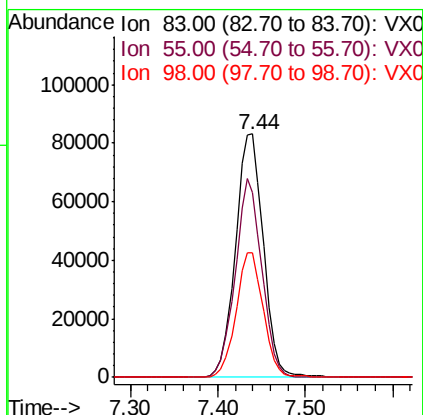
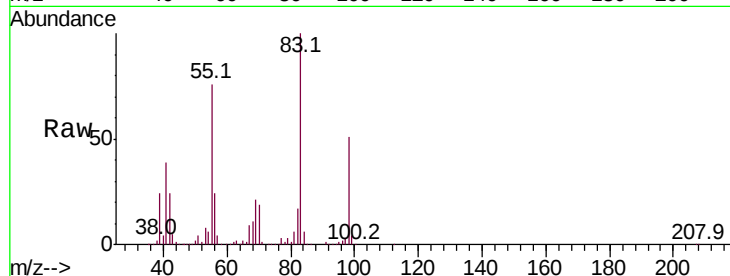




#39
Methvlcvclohexane
Concen: 50.567 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

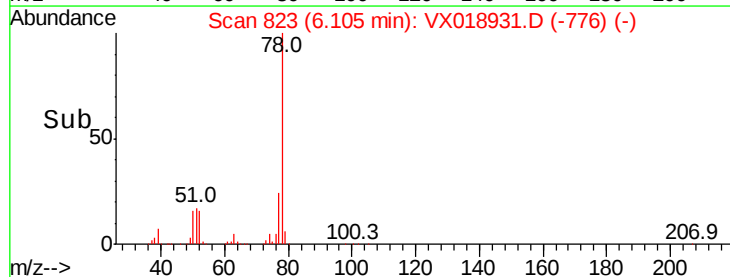
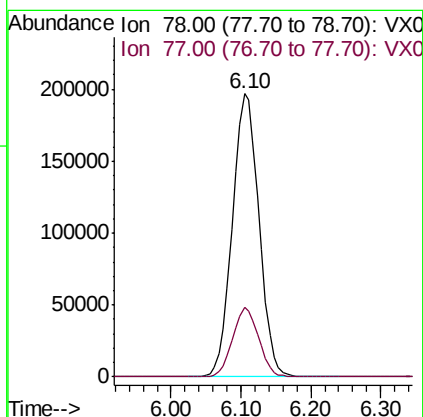
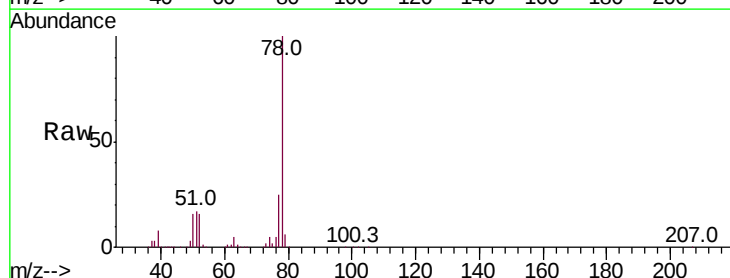
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

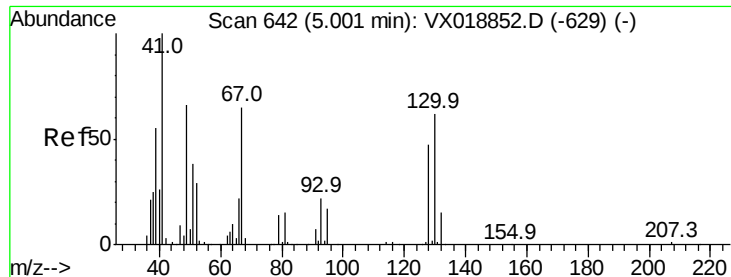
Tot Ion: 83 Resp: 183596
Ion Ratio Lower Upper
83 100
55 75.7 61.8 92.6
98 51.3 41.4 62.0



#40
Benzene
Concen: 49.154 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 78 Resp: 520132
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7

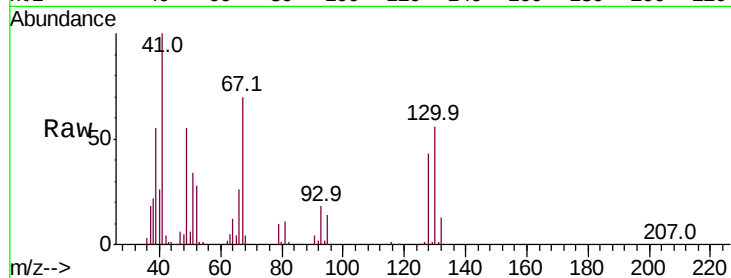




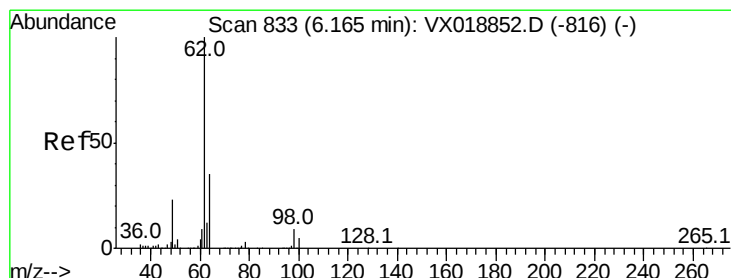
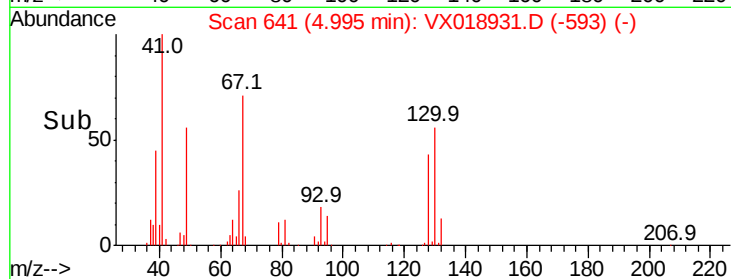
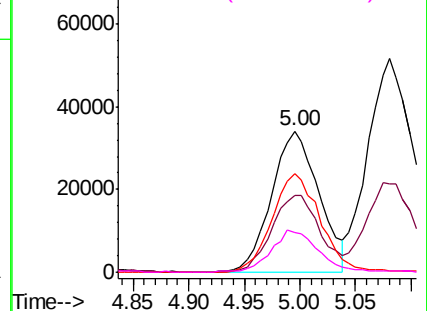
#41
Methacrylonitrile
Concen: 45.774 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	101000
Ion	Ratio	Lower	Upper
41	100		
39	55.9	45.4	68.2
67	71.2	55.4	83.2
52	29.9	23.8	35.8

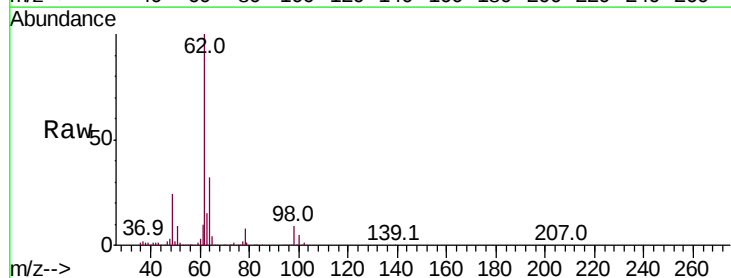


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

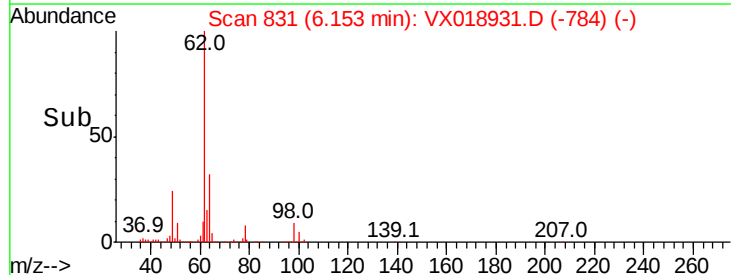
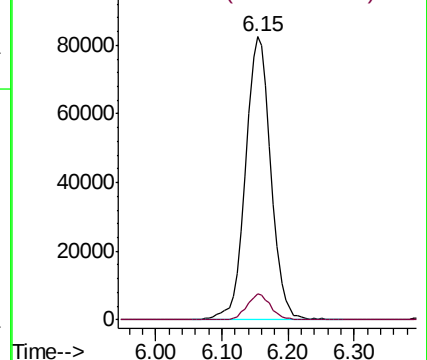


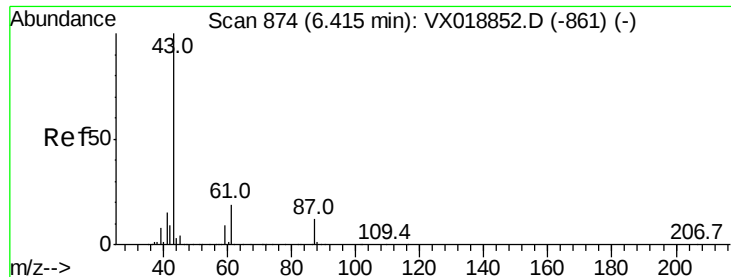
#42
1,2-Dichloroethane
Concen: 44.193 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion:	62	Resp:	219238
Ion	Ratio	Lower	Upper
62	100		
98	8.7	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: 45.457 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

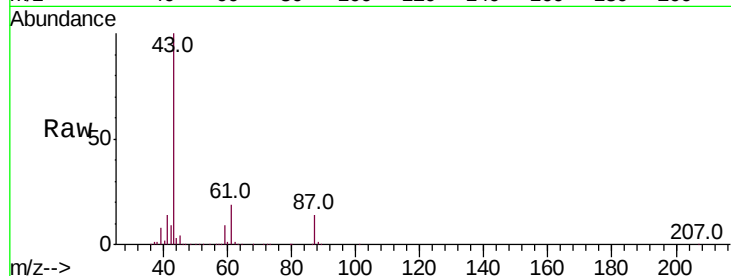
Tot Ion: 43 Resp: 287338

Ion Ratio Lower Upper

43 100

61 20.2 15.5 23.3

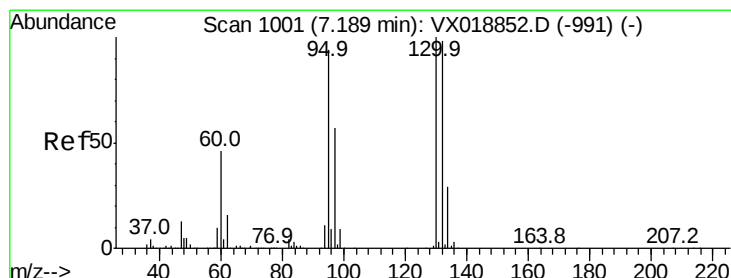
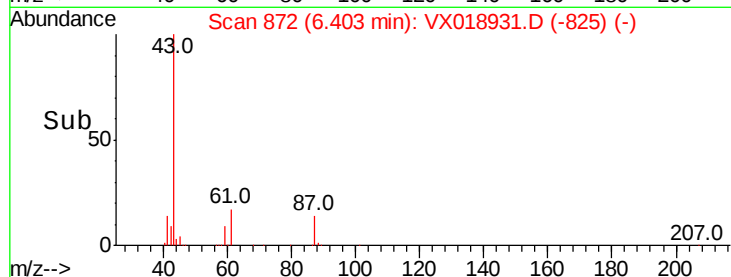
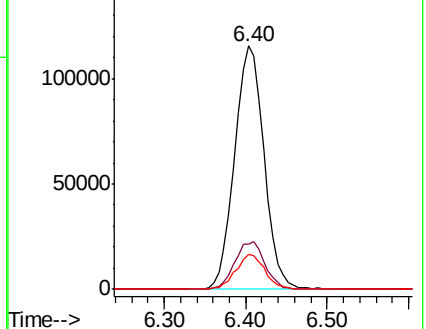
87 14.2 10.8 16.2



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: 47.543 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018931.D

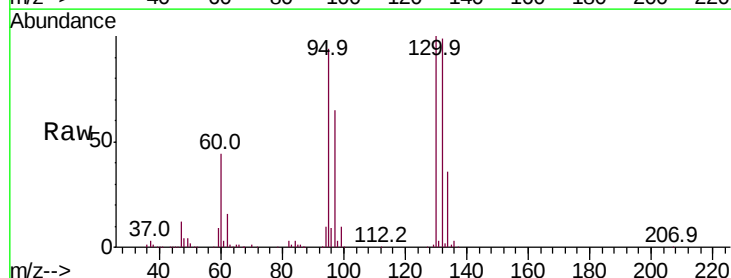
Acq: 13 Oct 2020 16:22

Tgt Ion:130 Resp: 150872

Ion Ratio Lower Upper

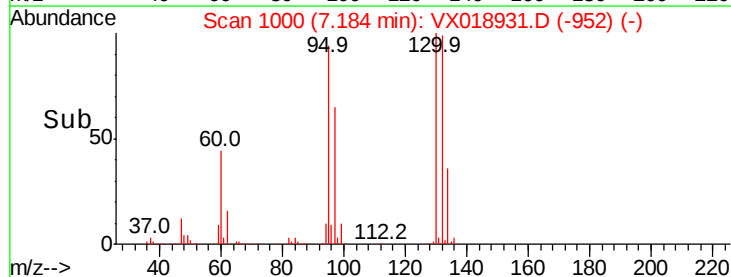
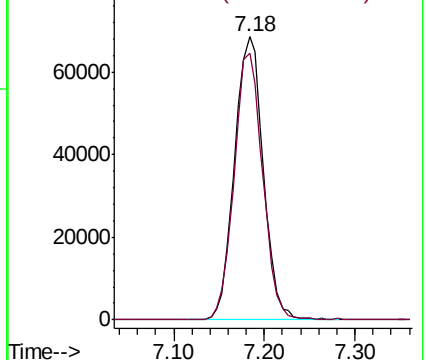
130 100

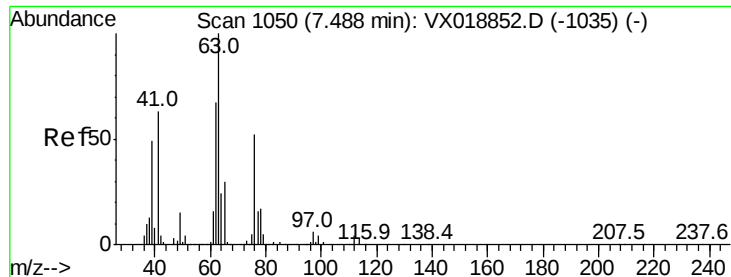
95 94.3 0.0 188.4



Abundance Ion 129.80 (129.50 to 130.50): V

80000 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.866 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

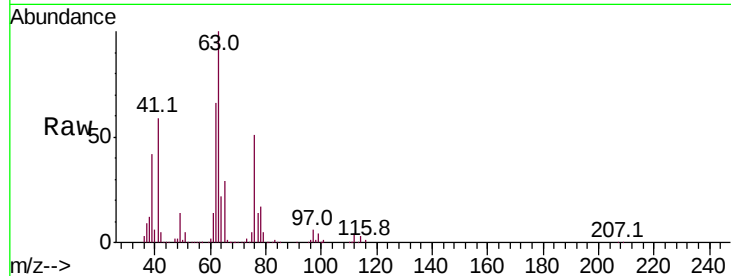
VSTDCCC050EC

Tot Ion: 63 Resp: 134021

Ion Ratio Lower Upper

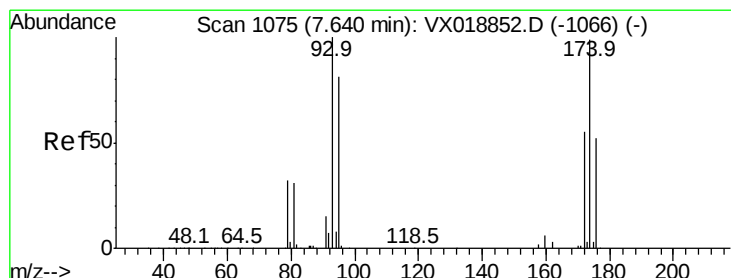
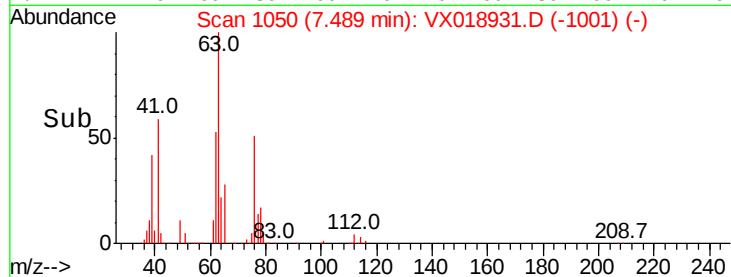
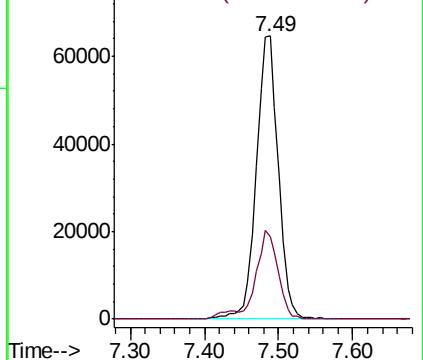
63 100

65 29.1 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.878 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

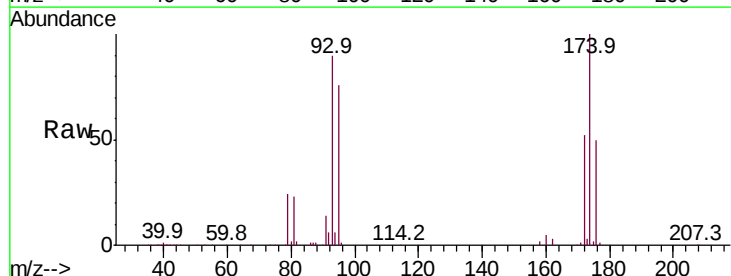
Tgt Ion: 93 Resp: 96997

Ion Ratio Lower Upper

93 100

95 81.2 66.1 99.1

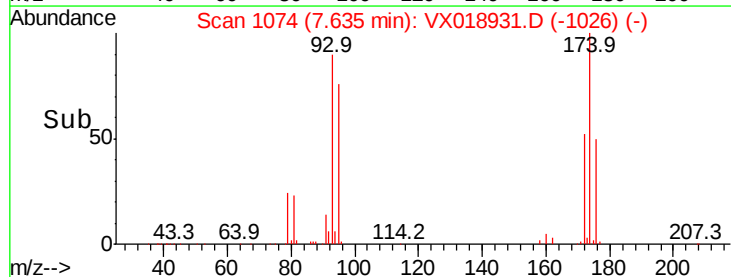
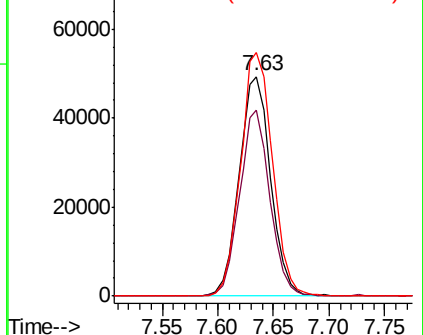
174 112.7 84.6 127.0

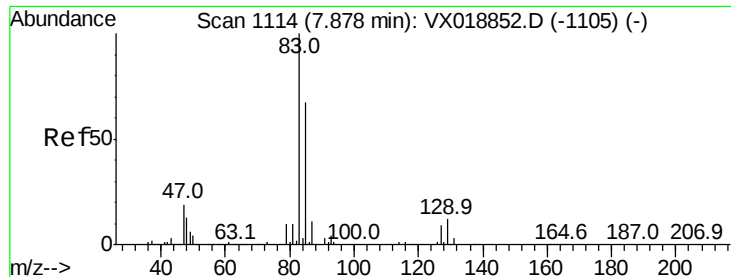


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.624 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

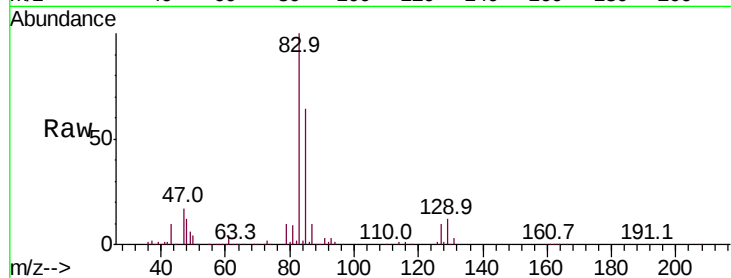
Tot Ion: 83 Resp: 209056

Ion Ratio Lower Upper

83 100

85 64.0 53.8 80.6

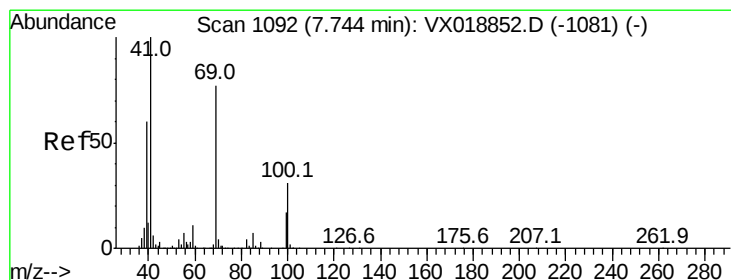
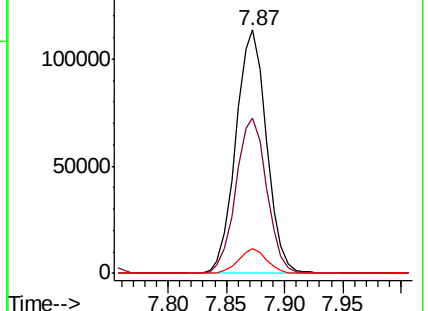
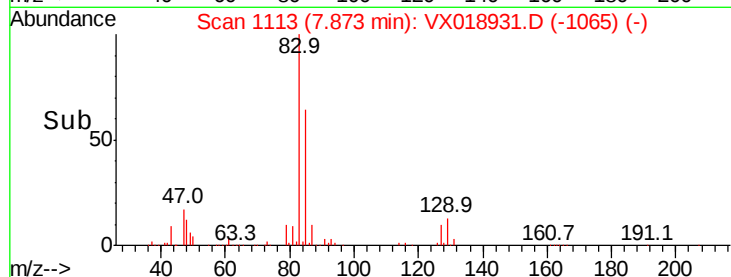
127 10.2 7.5 11.3



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: 47.108 ug/l

RT: 7.74 min Scan# 1091

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

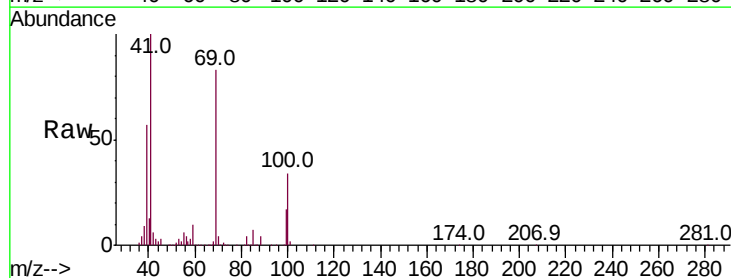
Tgt Ion: 41 Resp: 151095

Ion Ratio Lower Upper

41 100

69 82.6 64.6 97.0

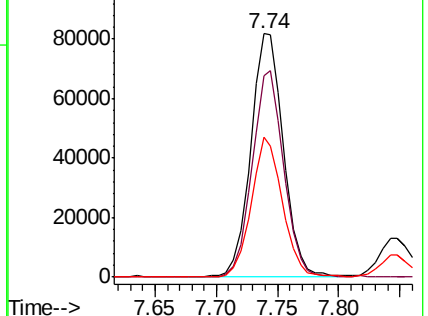
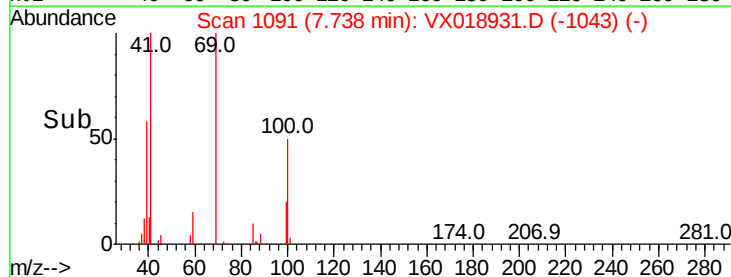
39 54.9 48.6 73.0

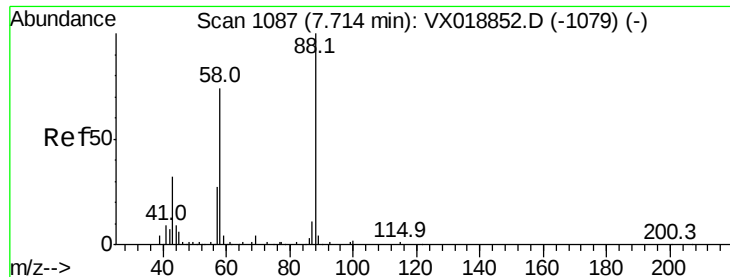


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

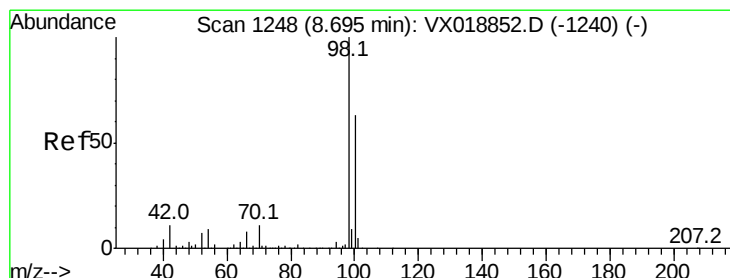
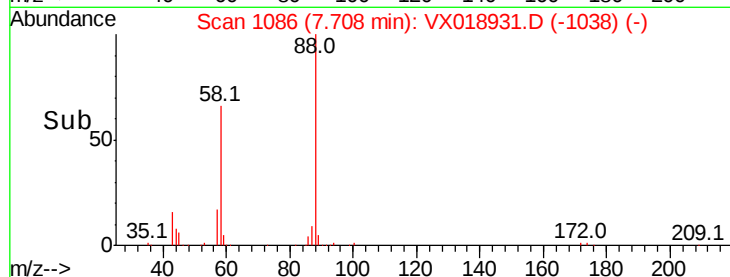
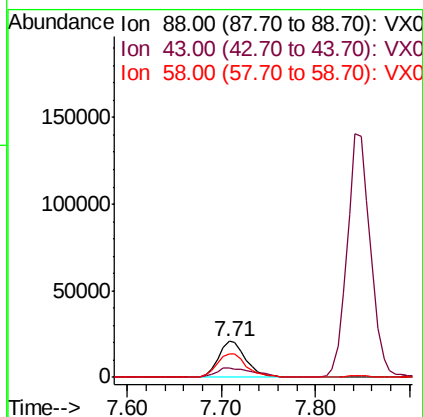
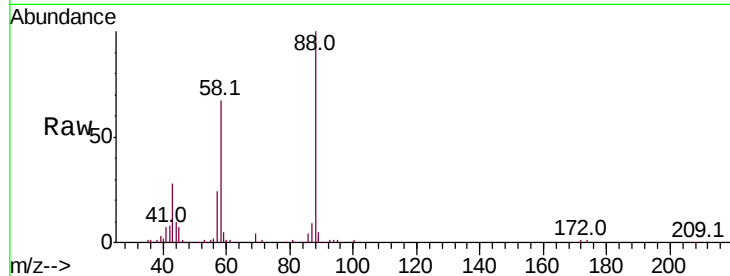




#49
1,4-Dioxane
Concen: 944.913 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

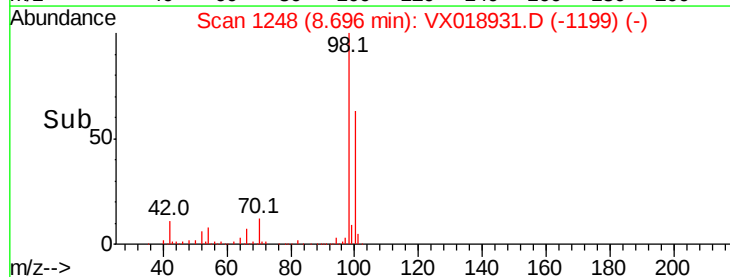
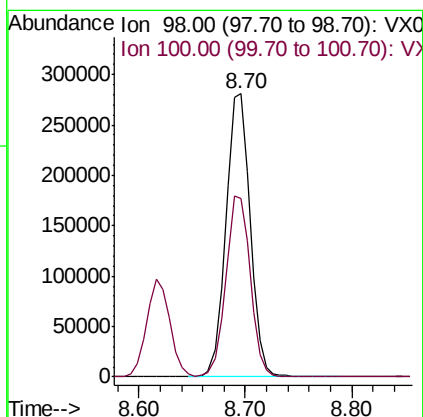
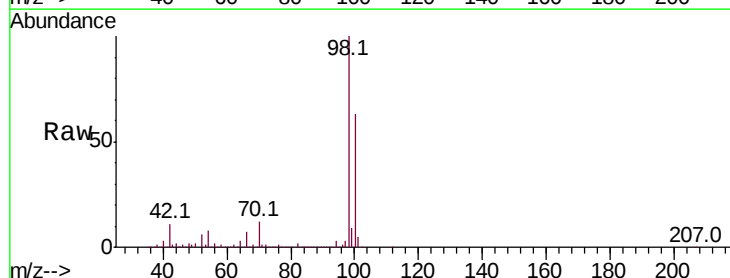
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

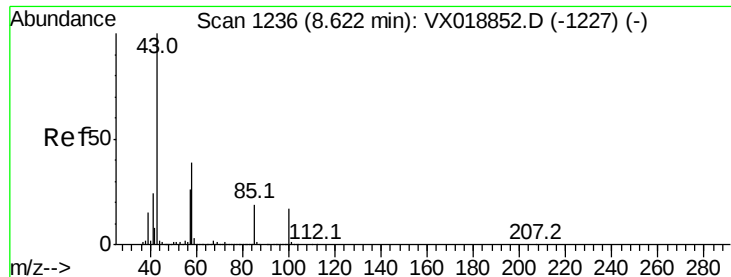
Tot Ion: 88 Resp: 42496
Ion Ratio Lower Upper
88 100
43 37.2 31.0 46.6
58 72.0 59.3 88.9



#50
Toluene-d8
Concen: 48.355 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 98 Resp: 447794
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 241.823 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

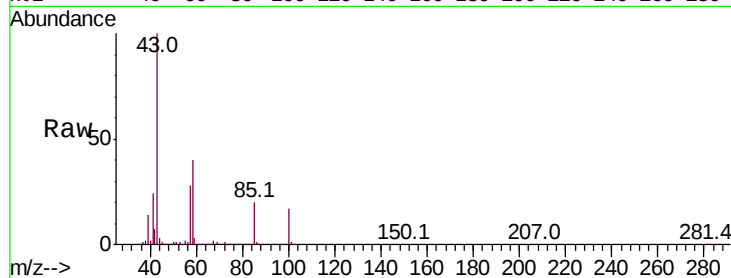
VSTDCCC050EC

Tot Ion: 43 Resp: 892174

Ion Ratio Lower Upper

43 100

58 39.5 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

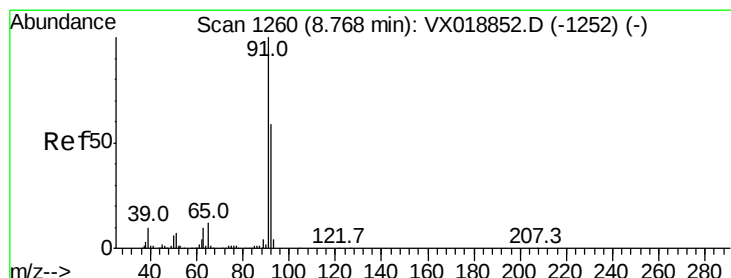
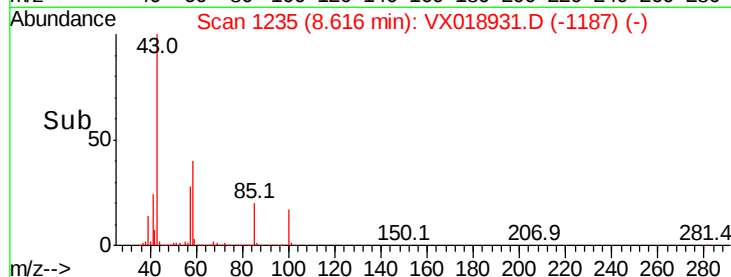
600000

400000

200000

0

Time--> 8.50 8.60 8.70



#52

Toluene

Concen: 49.965 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018931.D

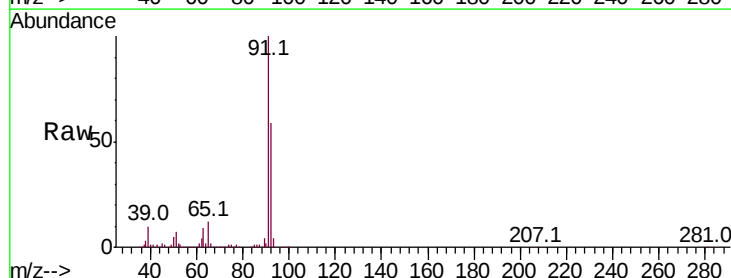
Acq: 13 Oct 2020 16:22

Tgt Ion: 92 Resp: 339302

Ion Ratio Lower Upper

92 100

91 169.8 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

400000

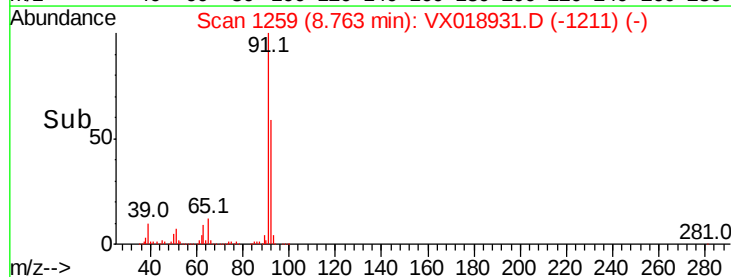
300000

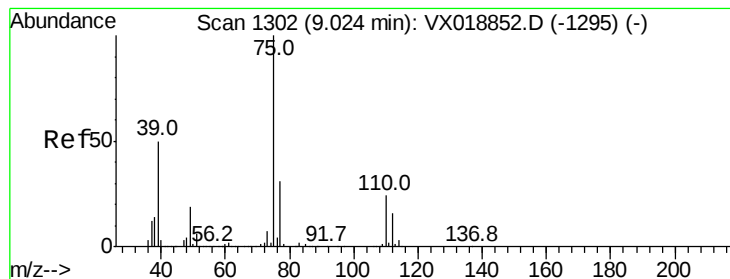
200000

100000

0

Time--> 8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 49.145 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

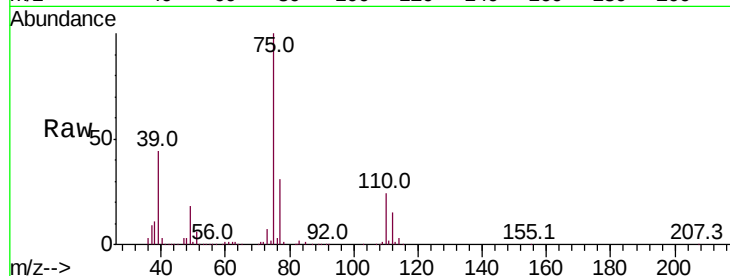
VSTDCCC050EC

Tot Ion: 75 Resp: 228171

Ion Ratio Lower Upper

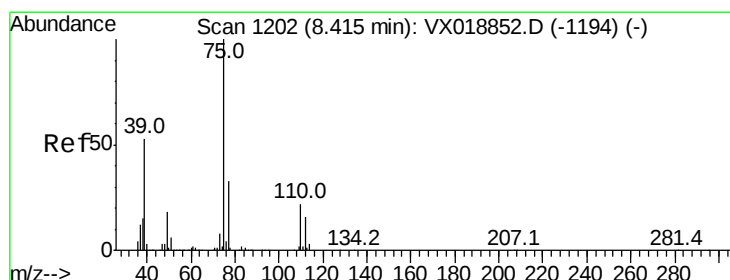
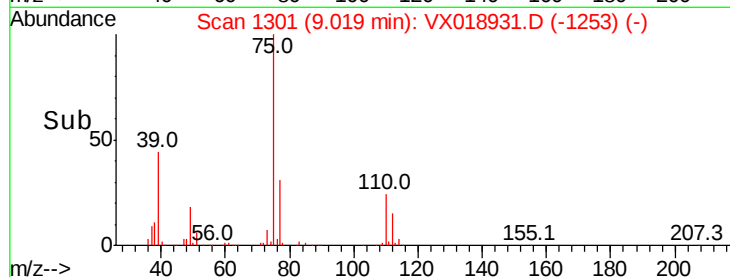
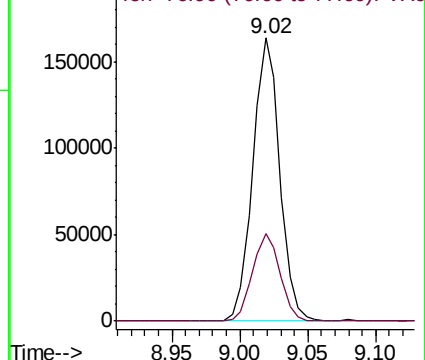
75 100

77 31.1 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.894 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

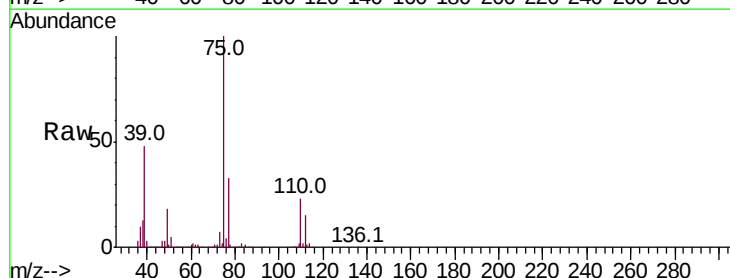
Tgt Ion: 75 Resp: 238295

Ion Ratio Lower Upper

75 100

77 33.4 26.6 39.8

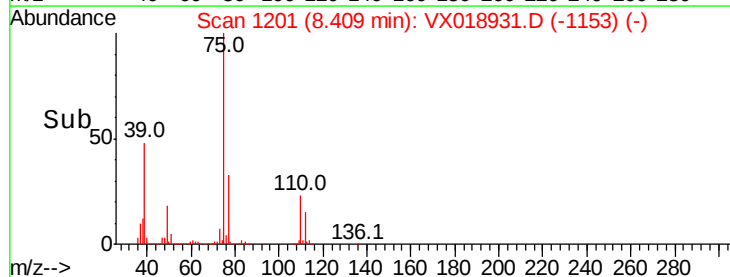
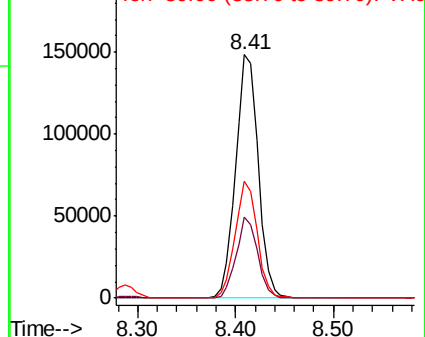
39 48.1 42.6 64.0

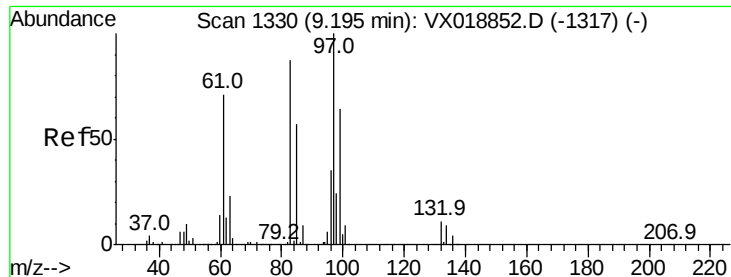


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 47.592 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 138820

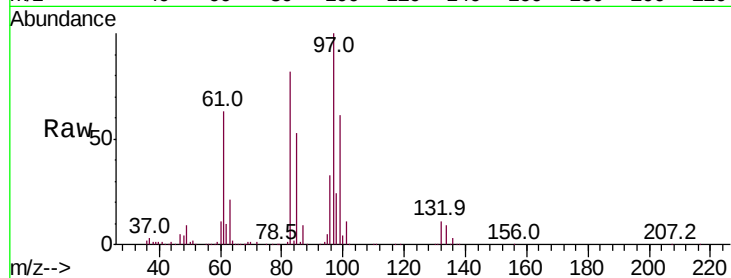
Ion	Ratio	Lower	Upper
97	100		
83	82.2	69.3	103.9
85	53.1	45.3	67.9
99	61.3	51.0	76.6

97 100

83 82.2 69.3 103.9

85 53.1 45.3 67.9

99 61.3 51.0 76.6

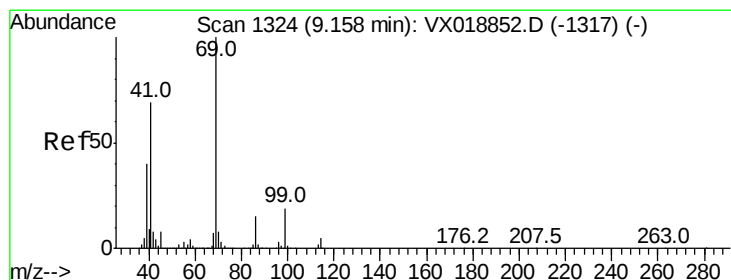
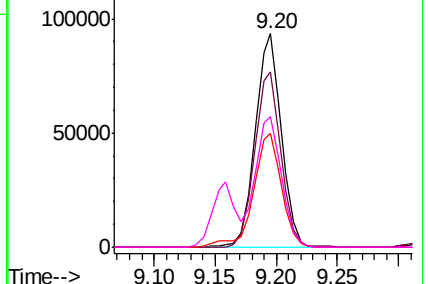
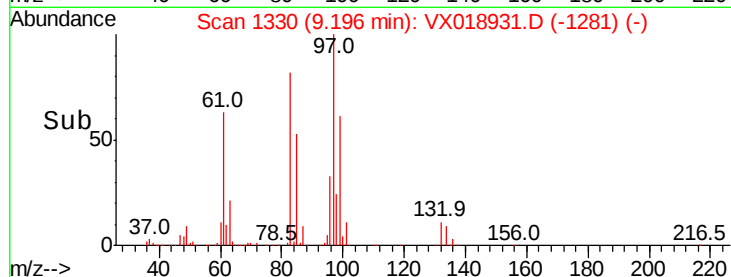


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 46.114 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

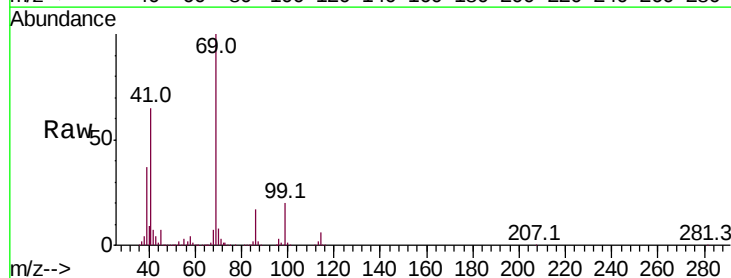
Tgt Ion: 69 Resp: 195322

Ion	Ratio	Lower	Upper
69	100		
41	65.8	54.6	81.8
39	36.4	31.5	47.3

69 100

41 65.8 54.6 81.8

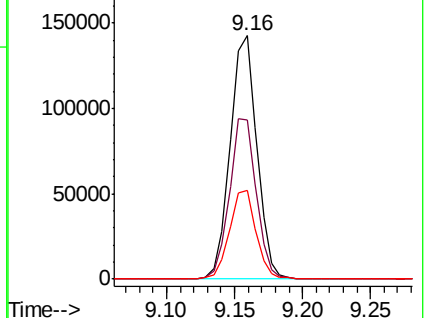
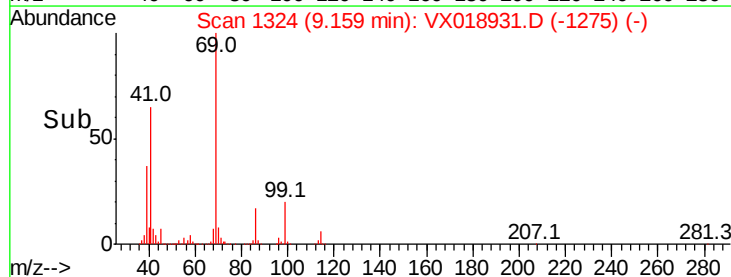
39 36.4 31.5 47.3

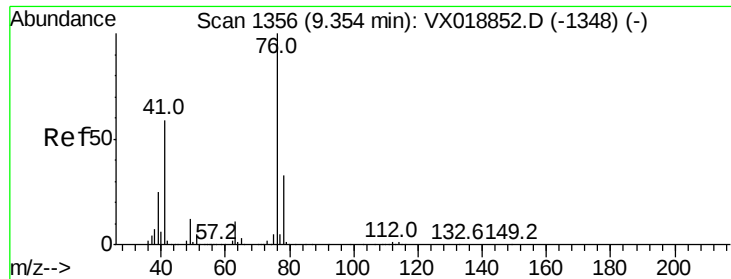


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

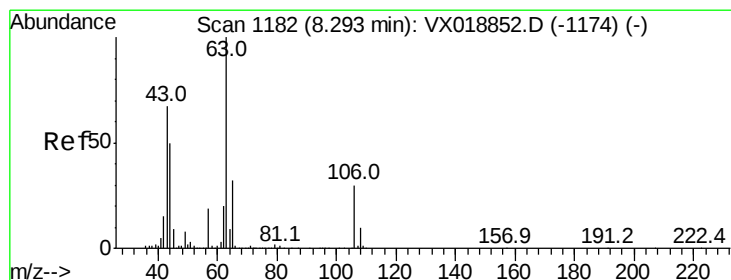
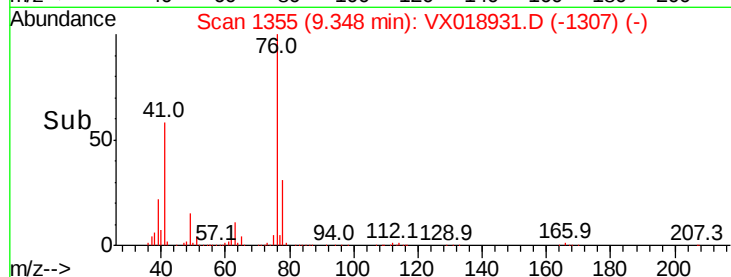
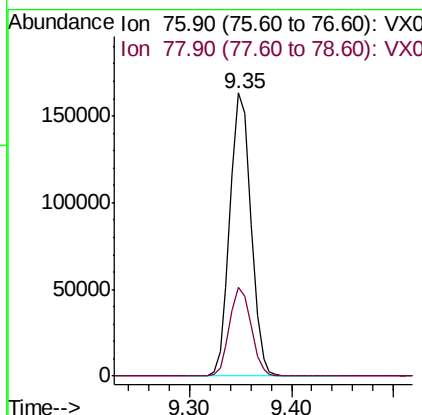
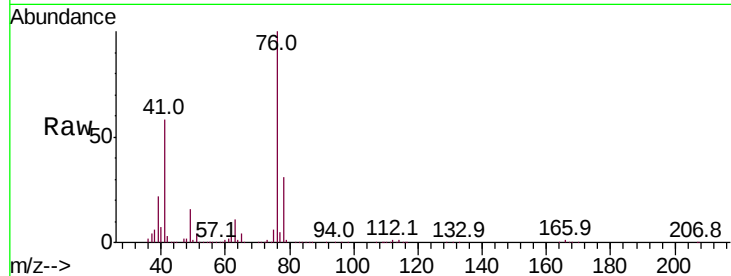




#57
 1,3-Dichloropropane
 Concen: 49.332 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

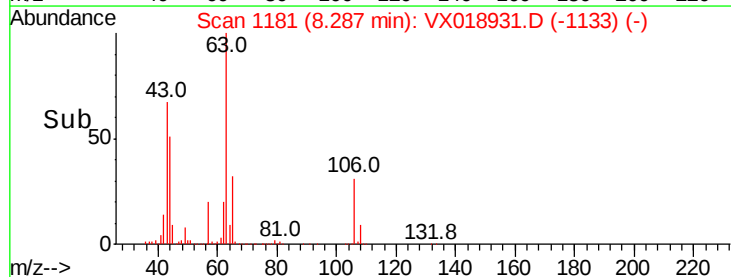
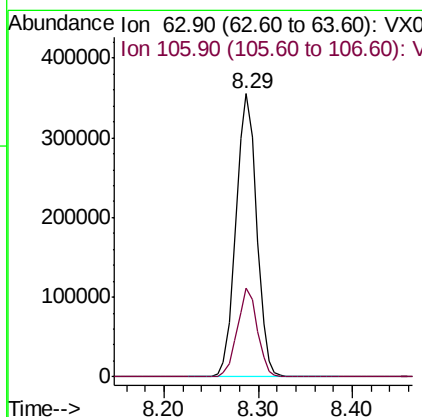
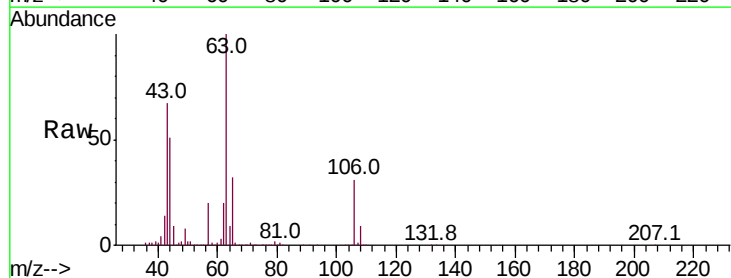
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

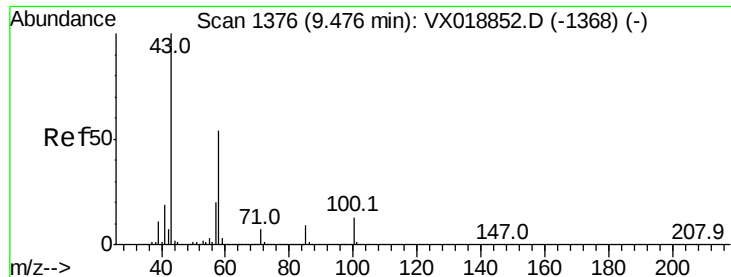
Tot Ion: 76 Resp: 233485
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.999 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion: 63 Resp: 542369
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.2 36.4

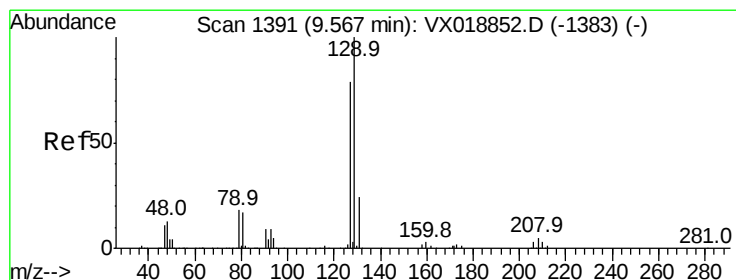
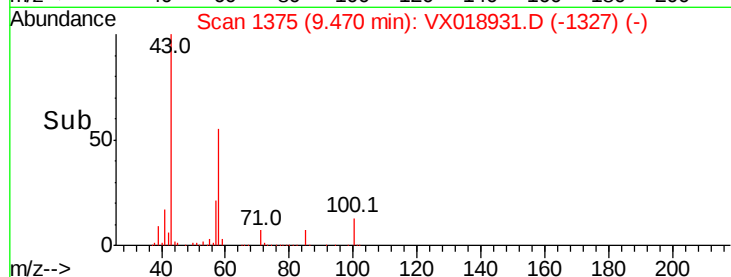
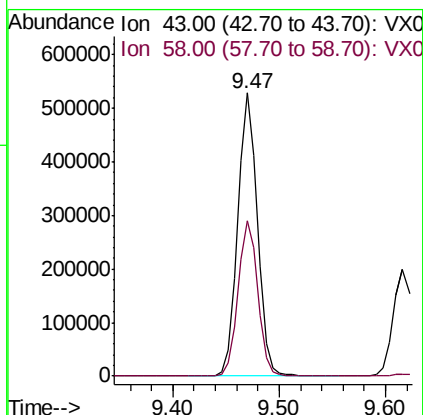
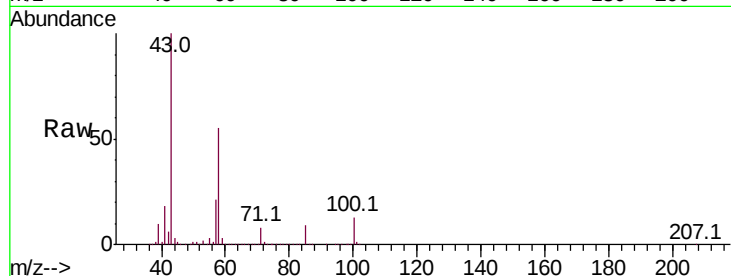




#59
2-Hexanone
Concen: 244.378 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

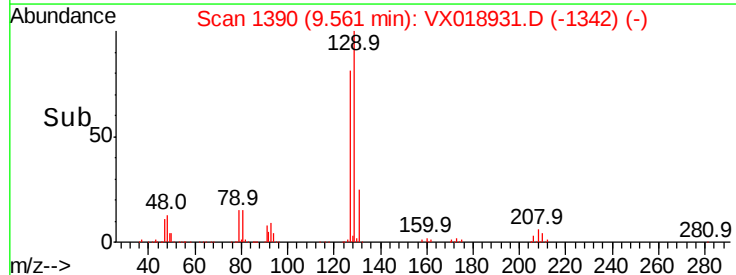
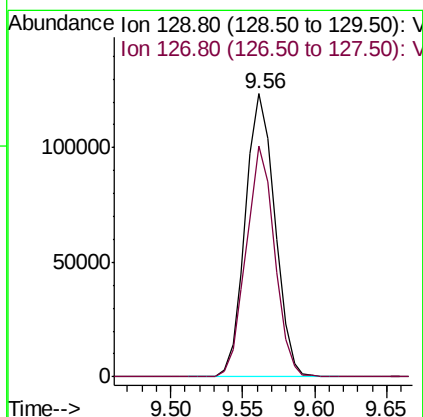
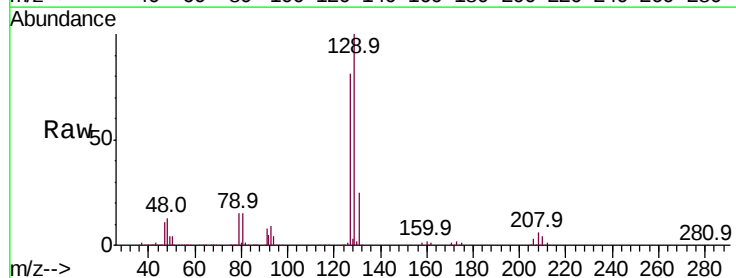
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

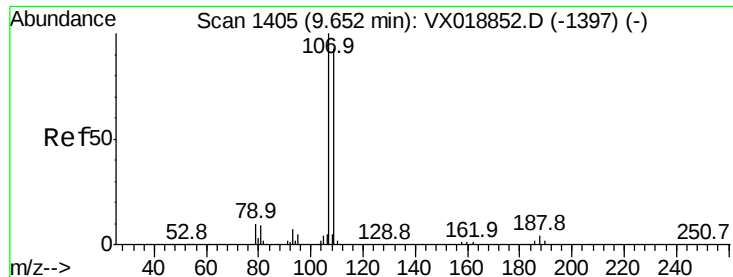
Tot Ion: 43 Resp: 686915
Ion Ratio Lower Upper
43 100
58 55.2 26.7 80.1



#60
Dibromochloromethane
Concen: 47.890 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 129 Resp: 175353
Ion Ratio Lower Upper
129 100
127 78.6 39.5 118.5





#61

1,2-Dibromoethane

Concen: 48.544 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

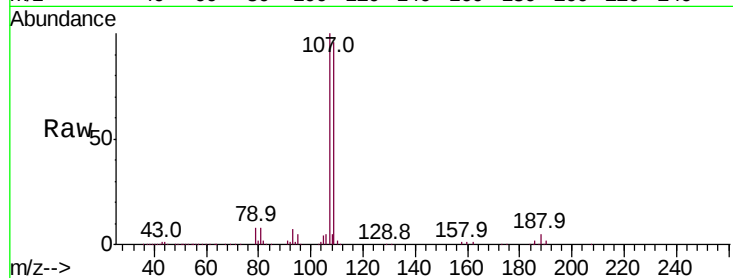
VSTDCCC050EC

Tot Ion:107 Resp: 151846

Ion Ratio Lower Upper

107 100

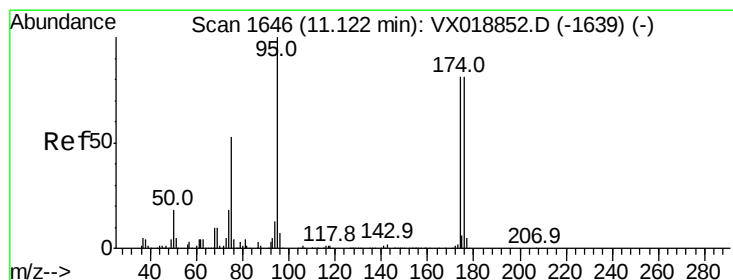
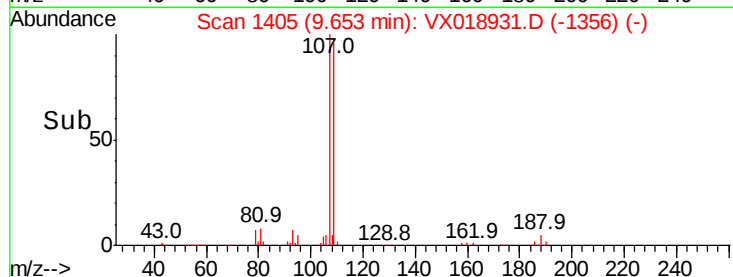
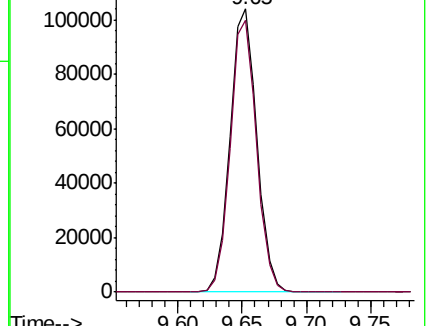
109 94.4 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65



#62

4-Bromofluorobenzene

Concen: 48.536 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

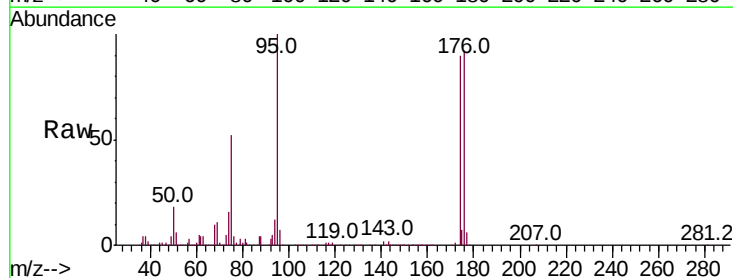
Tgt Ion: 95 Resp: 179139

Ion Ratio Lower Upper

95 100

174 85.3 0.0 160.0

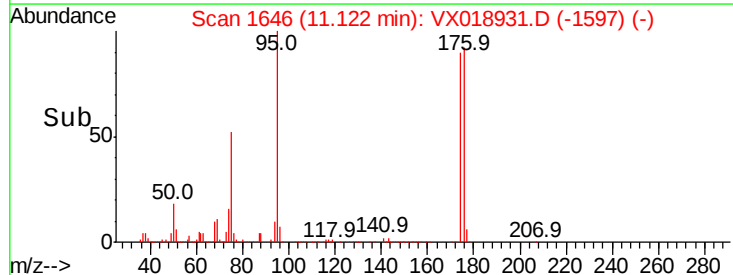
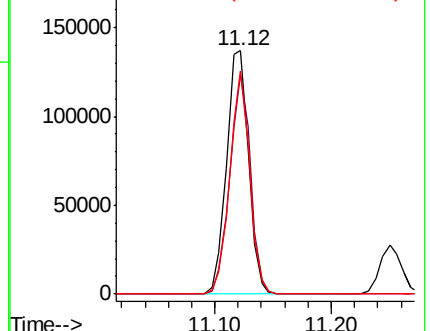
176 83.0 0.0 161.2

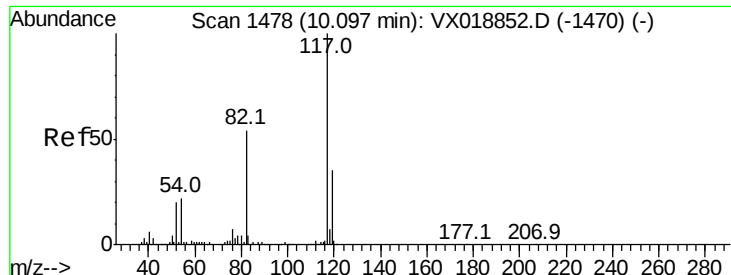


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

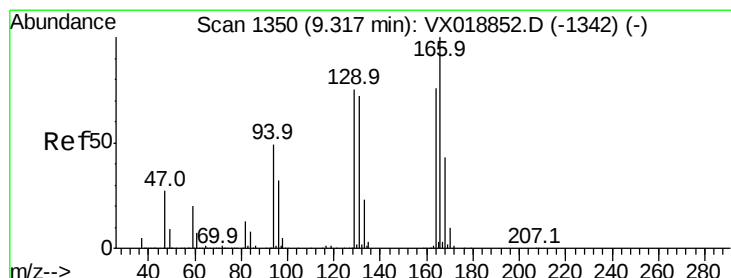
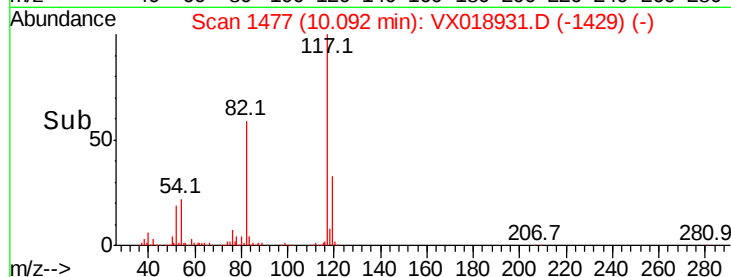
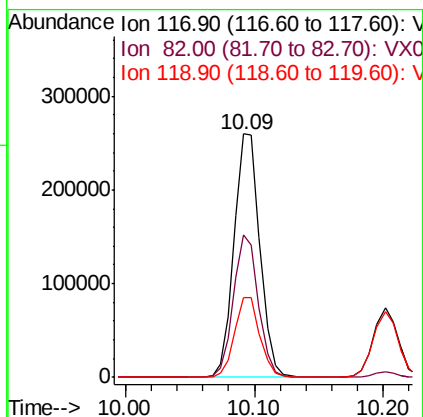
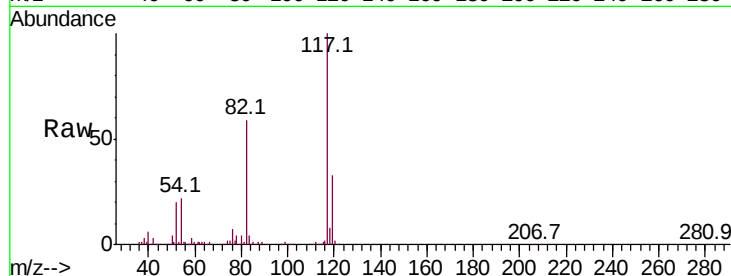




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

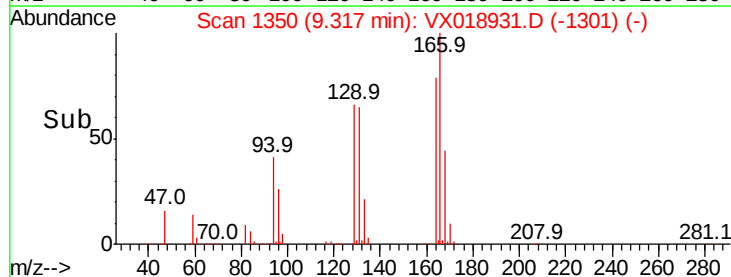
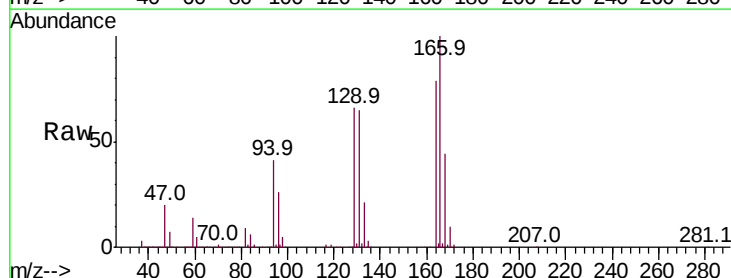
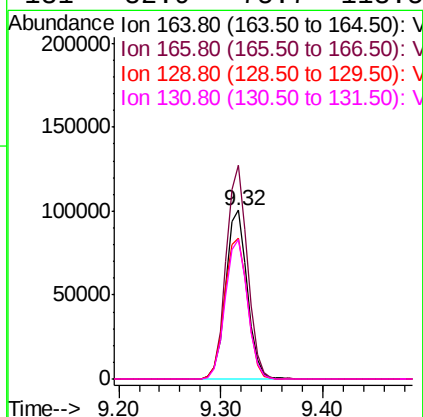
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

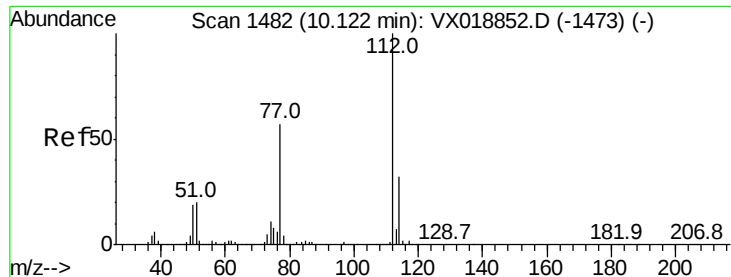
Tot Ion:117 Resp: 363837
Ion Ratio Lower Upper
117 100
82 58.7 43.4 65.2
119 32.6 28.3 42.5



#64
Tetrachloroethene
Concen: 54.927 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion:164 Resp: 145610
Ion Ratio Lower Upper
164 100
166 126.8 105.4 158.0
129 83.9 79.0 118.6
131 82.9 75.7 113.5

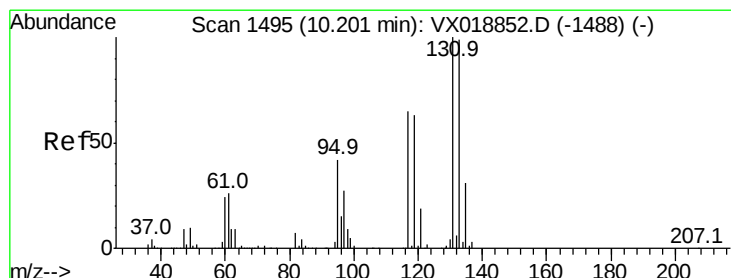
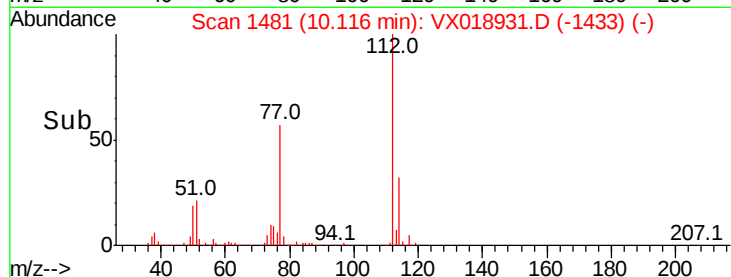
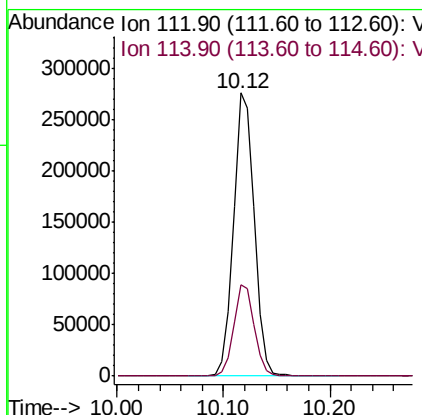
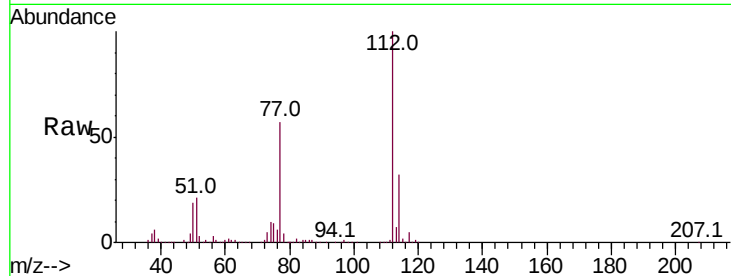




#65
Chlorobenzene
Concen: 47.988 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

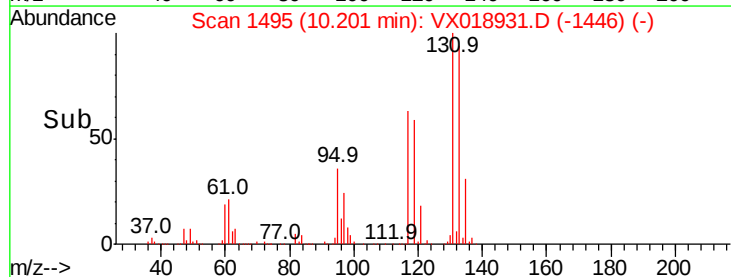
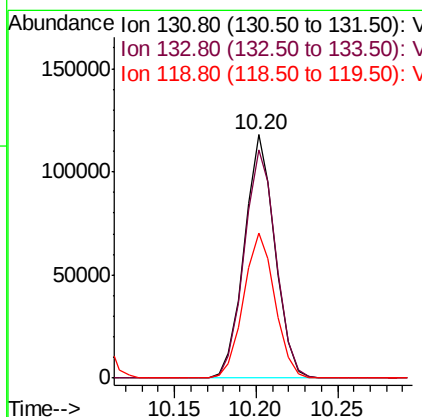
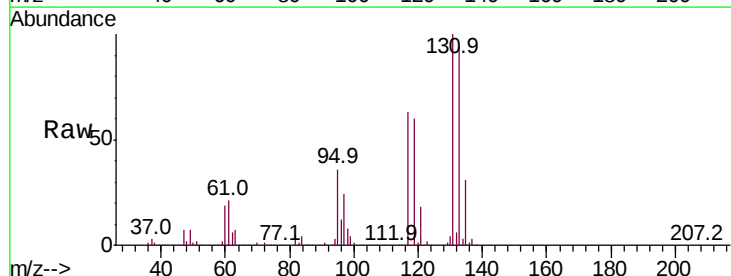
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

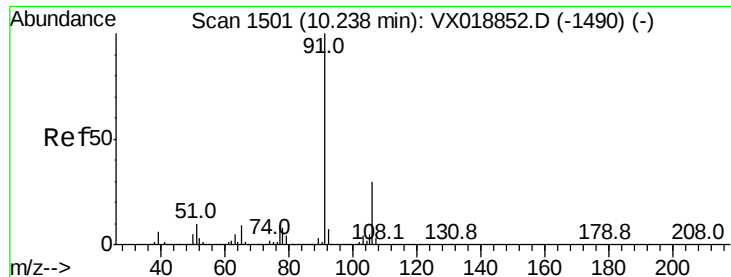
Tot Ion:112 Resp: 377311
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.555 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion:131 Resp: 154256
Ion Ratio Lower Upper
131 100
133 97.4 48.6 145.8
119 60.8 31.1 93.3





#67

Ethyl Benzene

Concen: 49.560 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

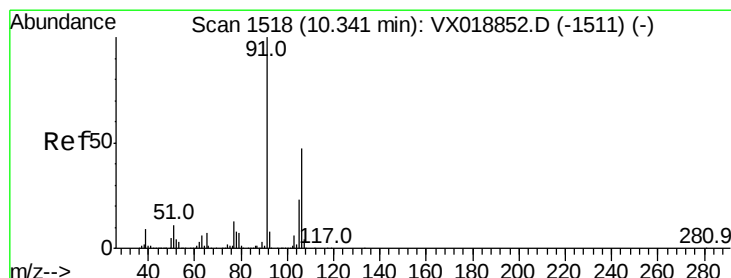
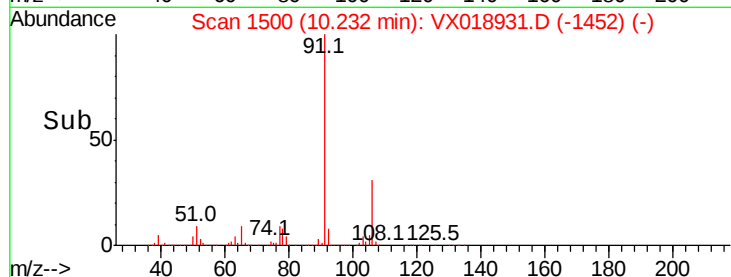
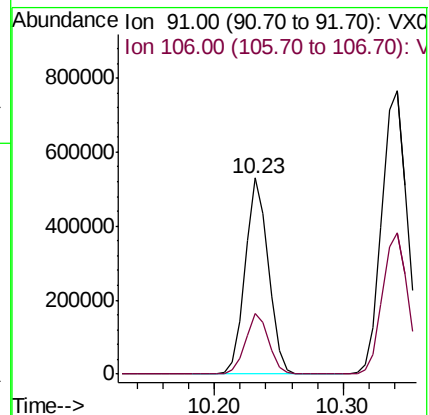
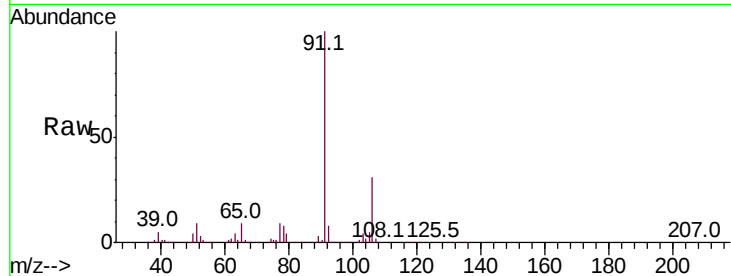
VSTDCCC050EC

Tot Ion: 91 Resp: 657376

Ion Ratio Lower Upper

91 100

106 31.1 24.0 36.0



#68

m/p-Xylenes

Concen: 102.546 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018931.D

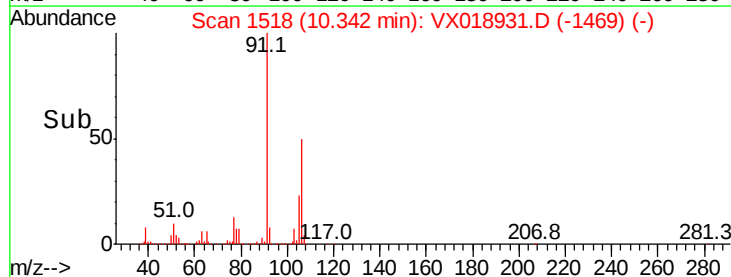
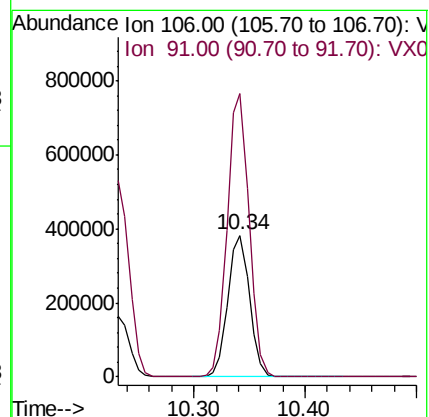
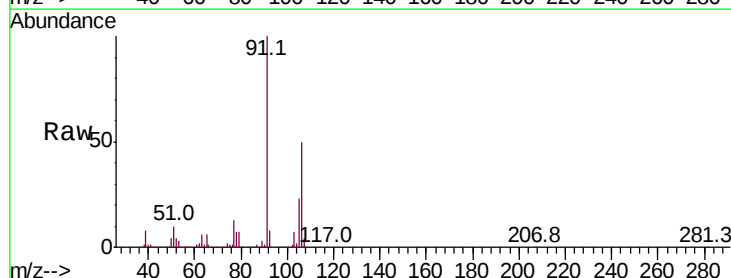
Acq: 13 Oct 2020 16:22

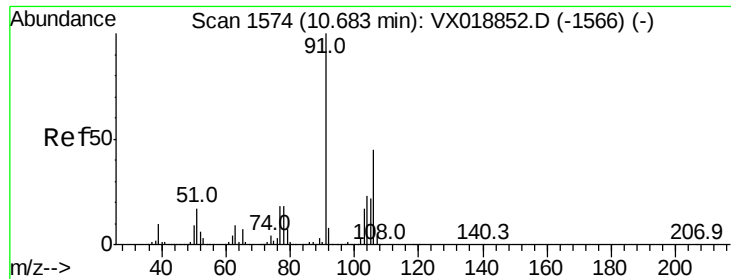
Tgt Ion: 106 Resp: 516769

Ion Ratio Lower Upper

106 100

91 201.7 165.6 248.4

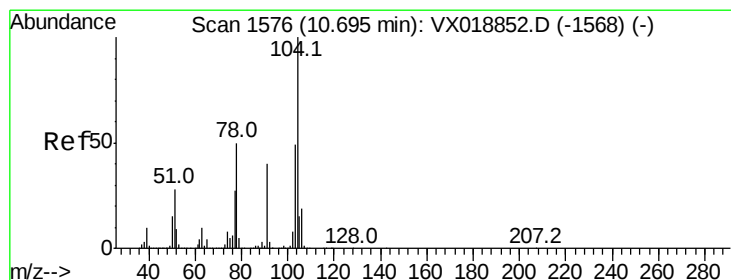
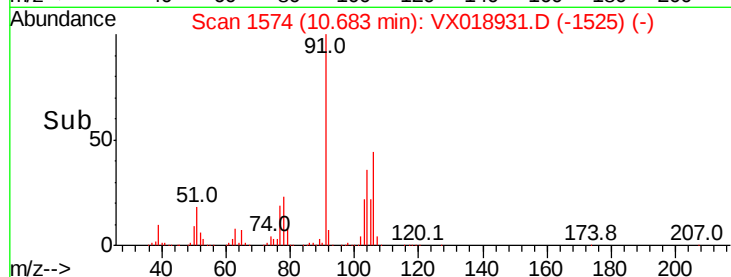
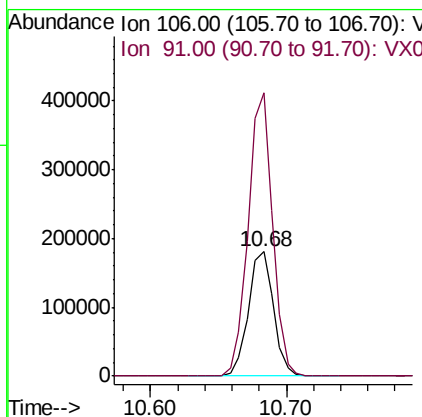
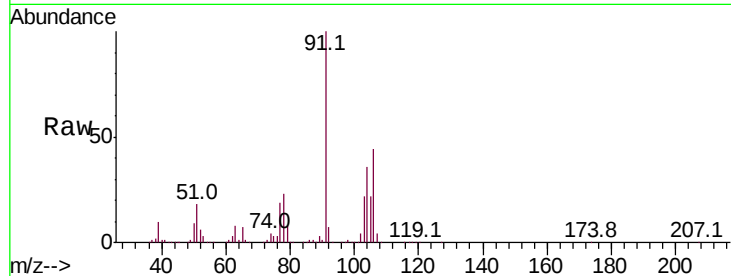




#69
o-Xylene
Concen: 49.322 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

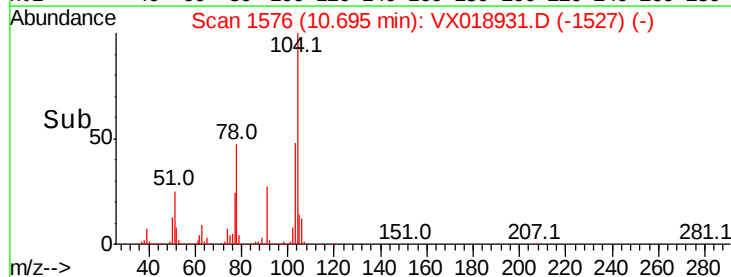
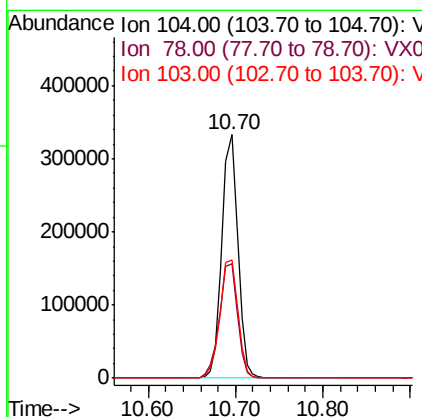
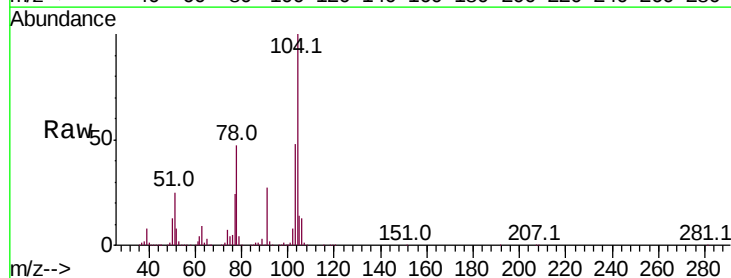
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

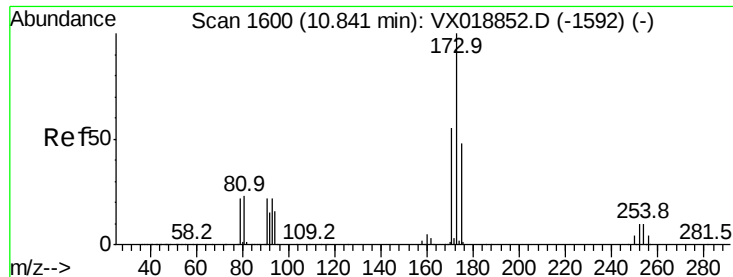
Tot Ion:106 Resp: 234180
Ion Ratio Lower Upper
106 100
91 221.0 109.9 329.6



#70
Styrene
Concen: 52.418 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion:104 Resp: 421338
Ion Ratio Lower Upper
104 100
78 53.0 43.5 65.3
103 54.6 43.3 64.9





#71

Bromoform

Concen: 49.277 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

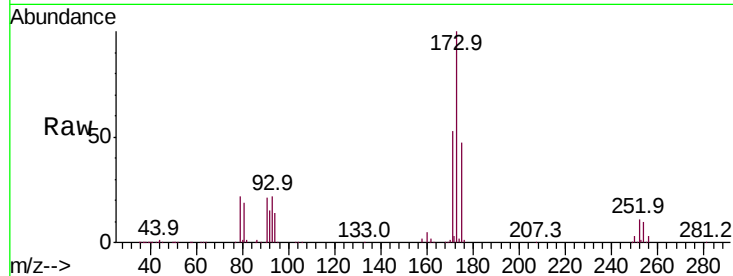
Tot Ion:173 Resp: 138253

Ion Ratio Lower Upper

173 100

175 49.6 23.4 70.0

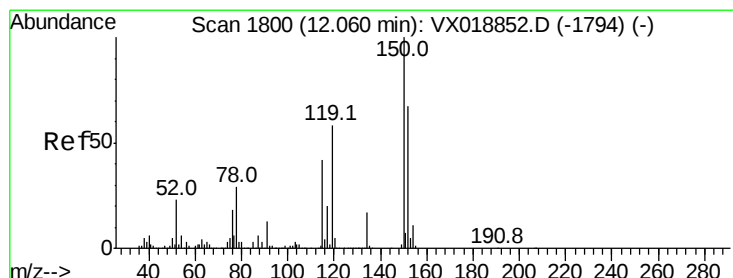
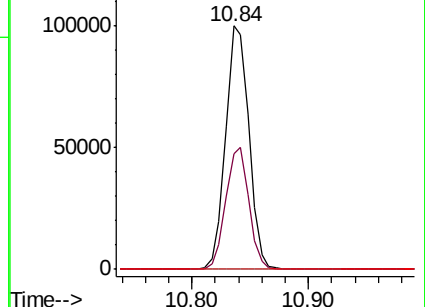
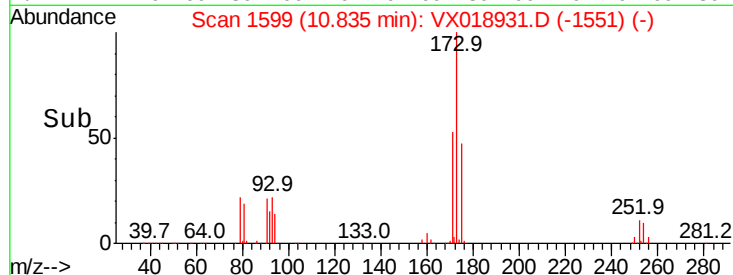
254 0.2 0.0 0.0#



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: VX018931.D

Acq: 13 Oct 2020 16:22

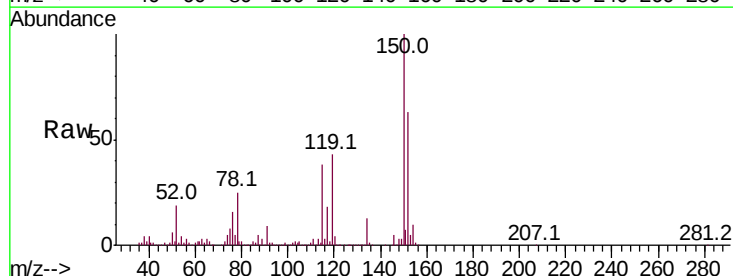
Tgt Ion:152 Resp: 212341

Ion Ratio Lower Upper

152 100

115 79.4 41.8 125.4

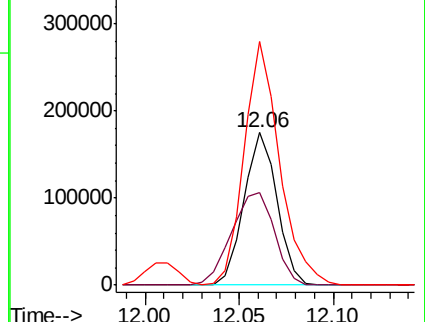
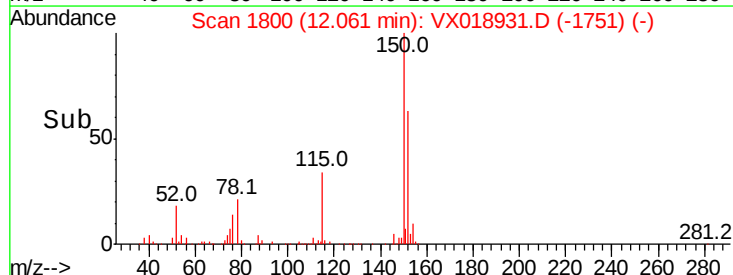
150 172.0 0.0 347.6

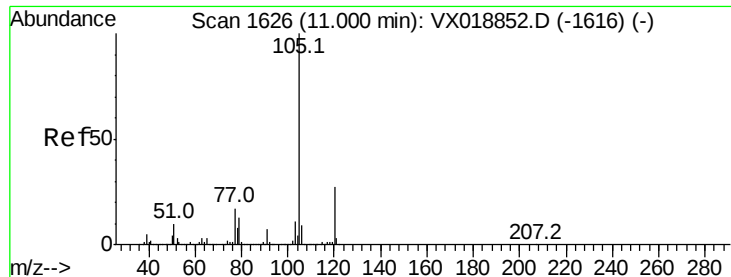


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.202 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

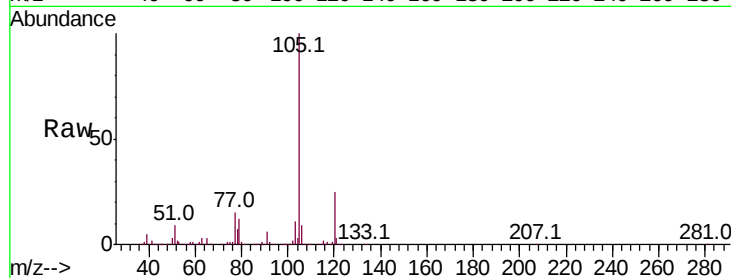
VSTDCCC050EC

Tot Ion:105 Resp: 683436

Ion Ratio Lower Upper

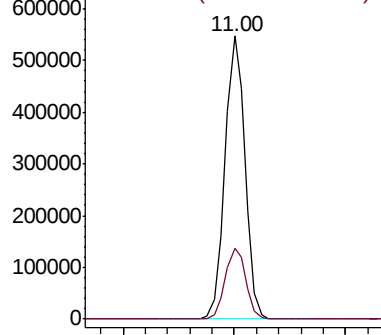
105 100

120 26.0 13.3 39.8

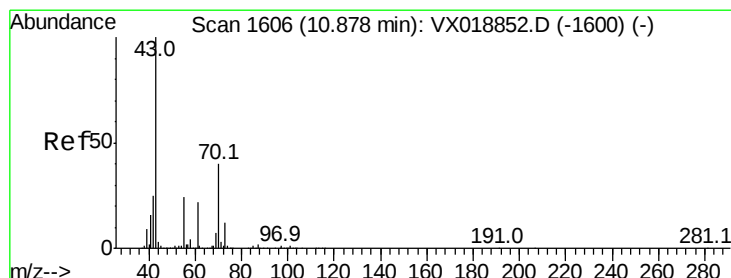
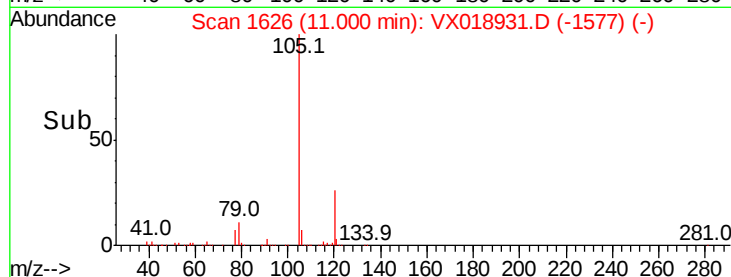


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 47.337 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Tgt Ion: 43 Resp: 260145

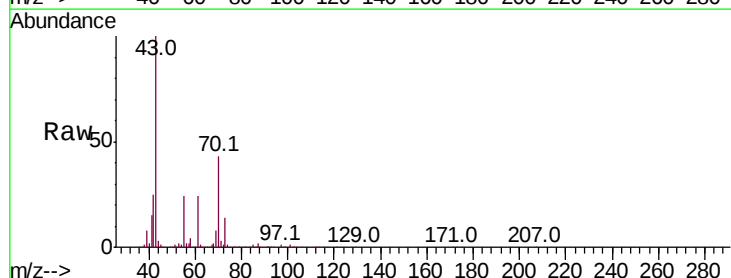
Ion Ratio Lower Upper

43 100

70 43.7 33.7 50.5

55 25.4 19.8 29.8

61 24.3 18.6 28.0

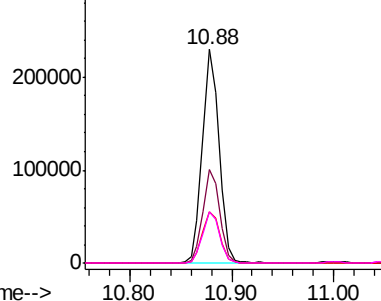


Abundance Ion 43.00 (42.70 to 43.70): VX0

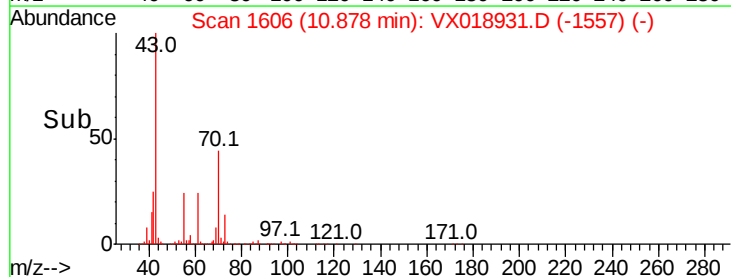
Ion 70.00 (69.70 to 70.70): VX0

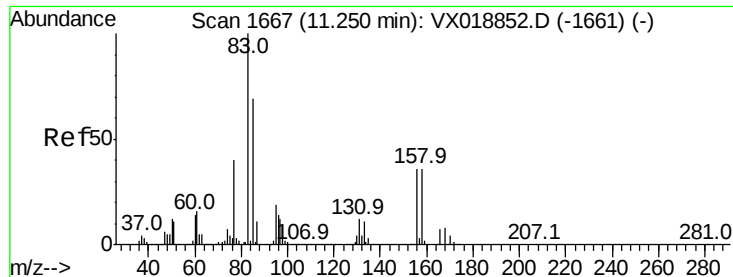
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 43.958 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

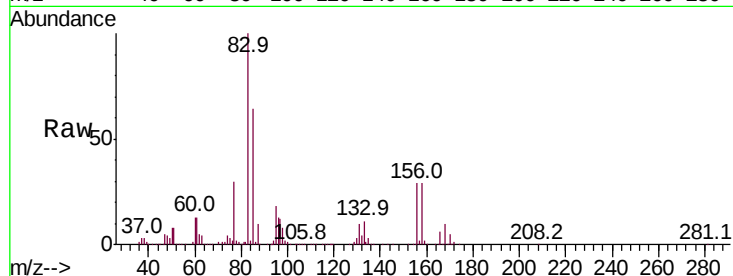
Tot Ion: 83 Resp: 203509

Ion Ratio Lower Upper

83 100

131 10.9 5.9 17.8

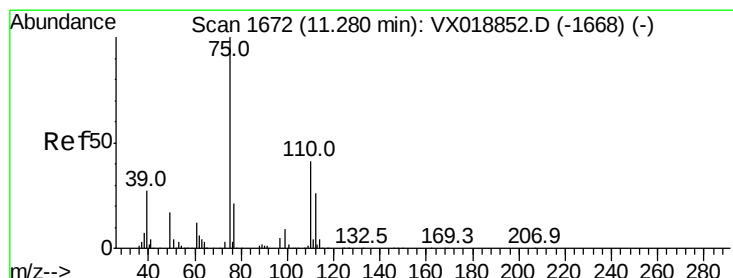
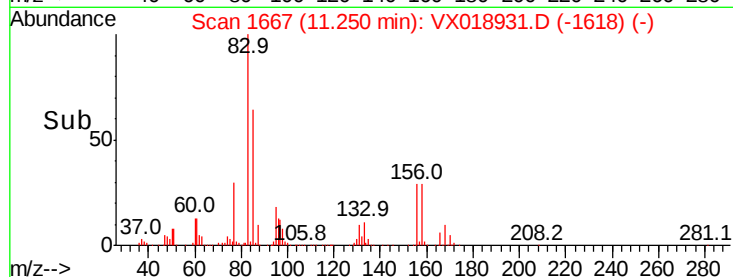
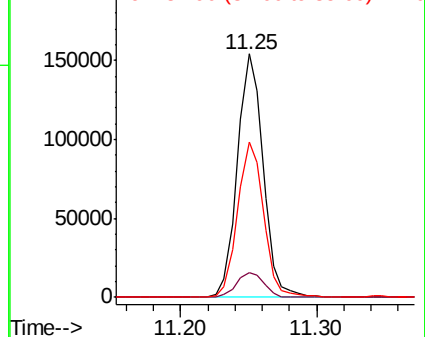
85 64.6 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.087 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018931.D

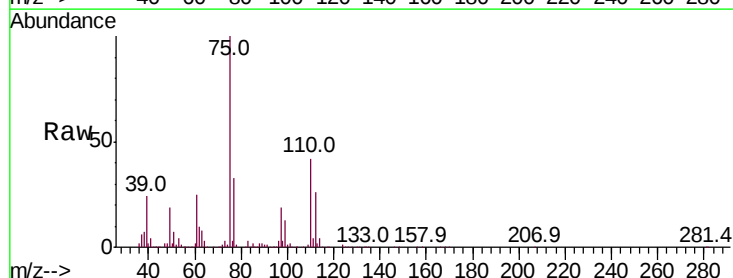
Acq: 13 Oct 2020 16:22

Tgt Ion: 75 Resp: 256611

Ion Ratio Lower Upper

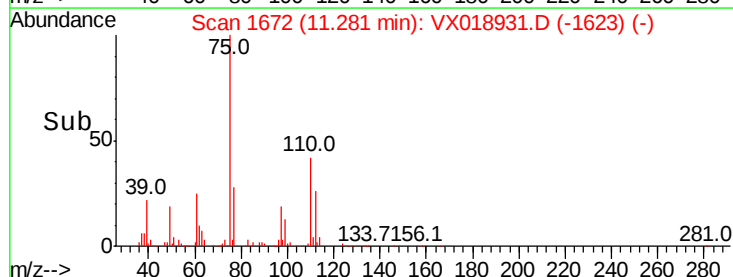
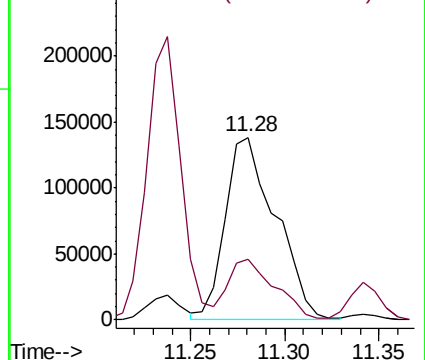
75 100

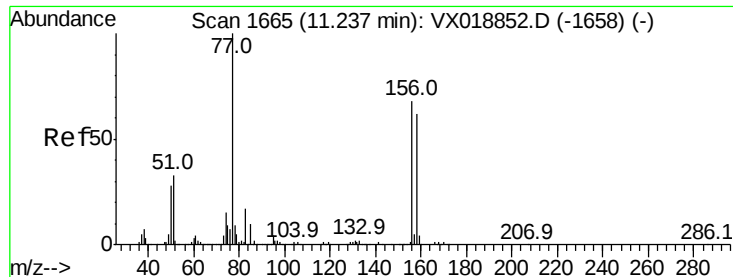
77 30.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.634 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

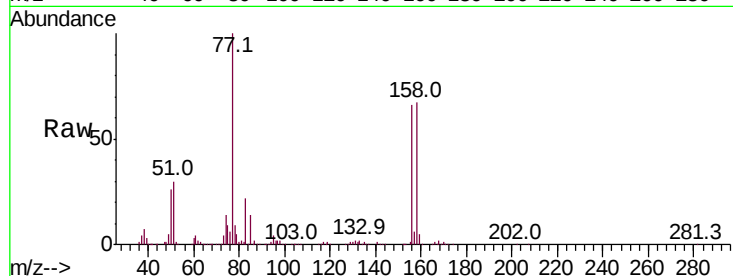
Tot Ion:156 Resp: 177938

Ion Ratio Lower Upper

156 100

77 152.5 76.0 228.1

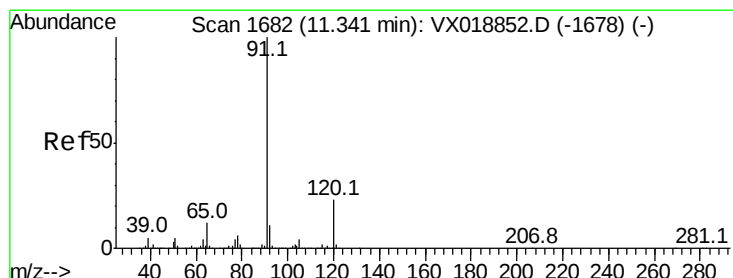
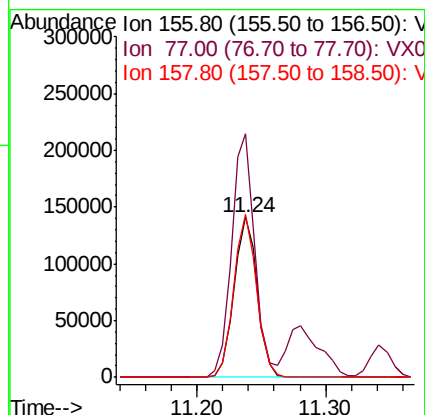
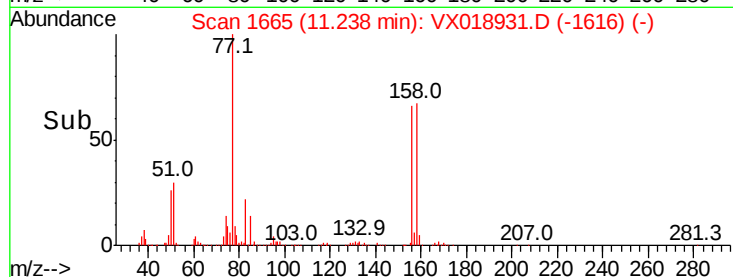
158 100.3 47.2 141.6



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: 48.606 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018931.D

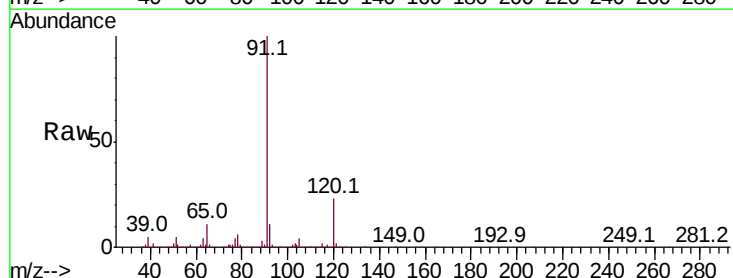
Acq: 13 Oct 2020 16:22

Tgt Ion: 91 Resp: 769325

Ion Ratio Lower Upper

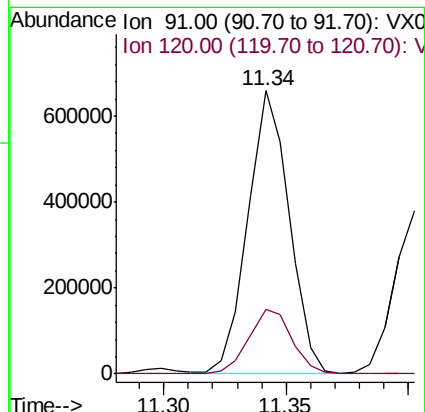
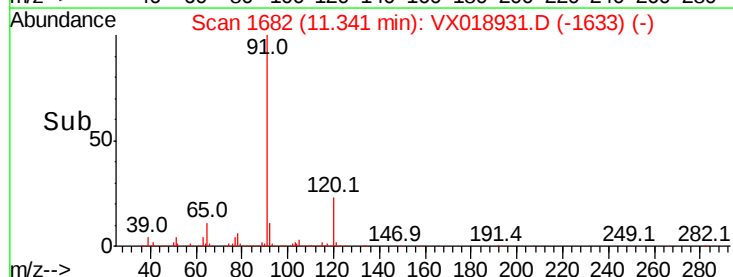
91 100

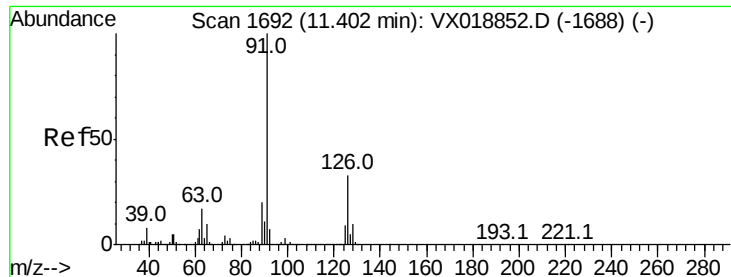
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.640 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

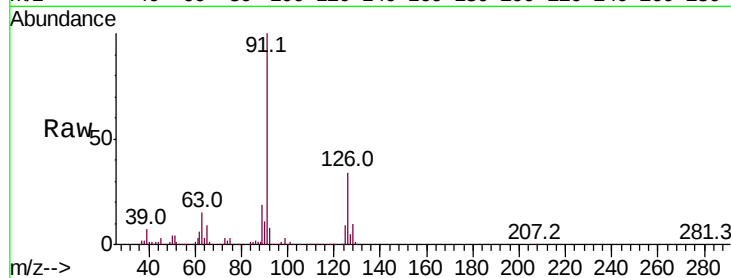
VSTDCCC050EC

Tot Ion: 91 Resp: 460166

Ion Ratio Lower Upper

91 100

126 34.4 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX018852.D (-1688) (-)

600000

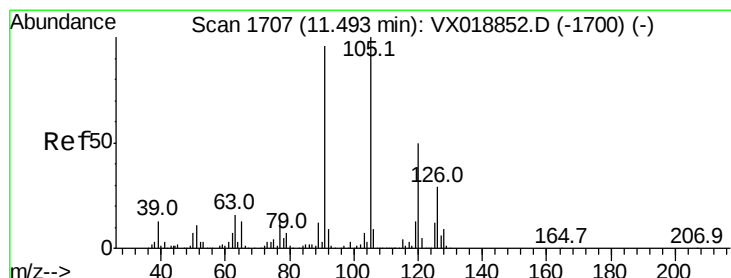
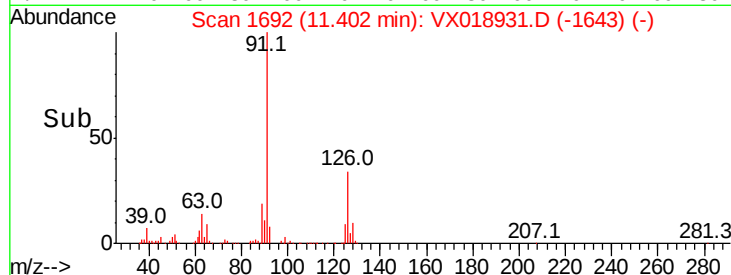
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.272 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018931.D

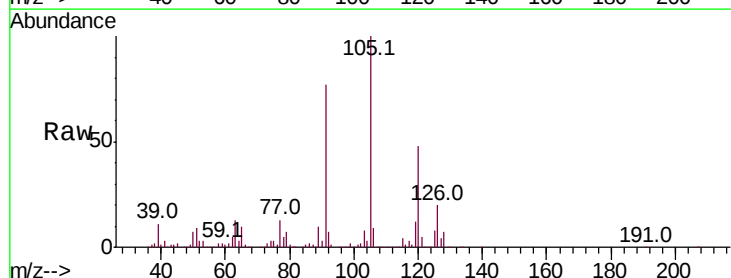
Acq: 13 Oct 2020 16:22

Tgt Ion: 105 Resp: 585422

Ion Ratio Lower Upper

105 100

120 48.6 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VX018852.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX018852.D (-1700) (-)

500000

400000

300000

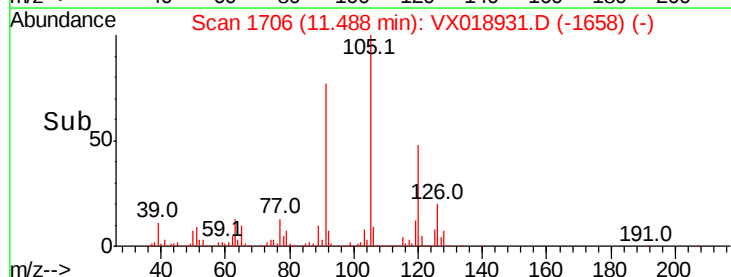
200000

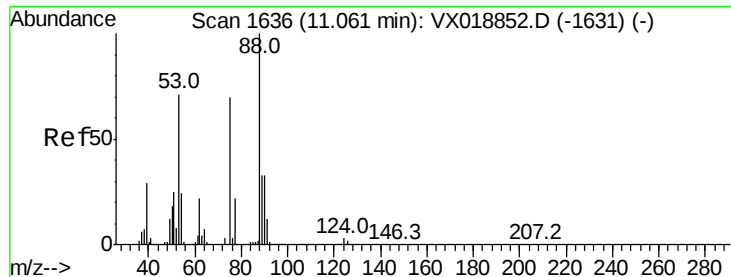
100000

0

11.40 11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 45.619 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

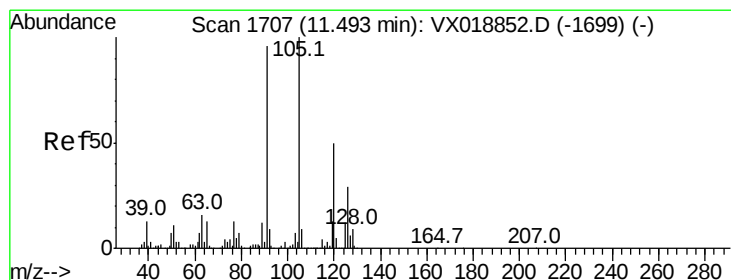
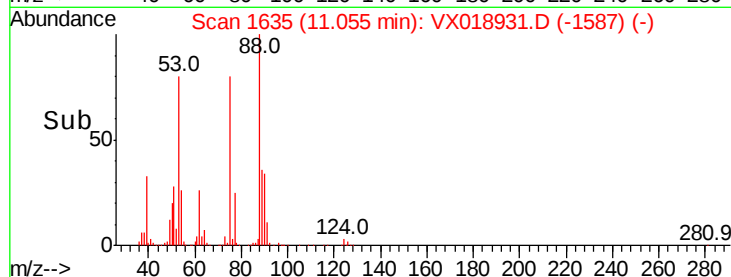
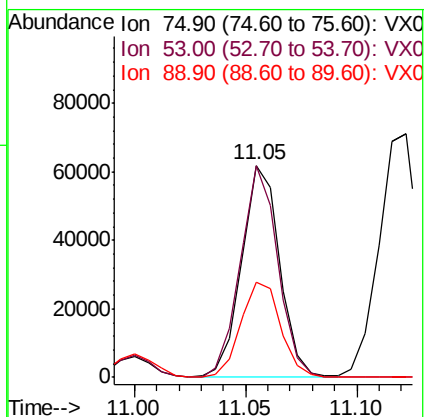
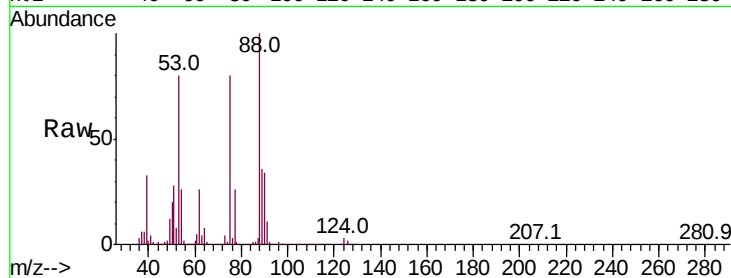
Tot Ion: 75 Resp: 73650

Ion Ratio Lower Upper

75 100

53 97.7 85.0 127.4

89 47.5 39.0 58.4



#82

4-Chlorotoluene

Concen: 48.526 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018931.D

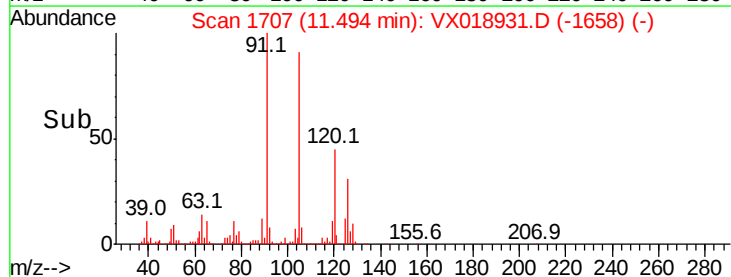
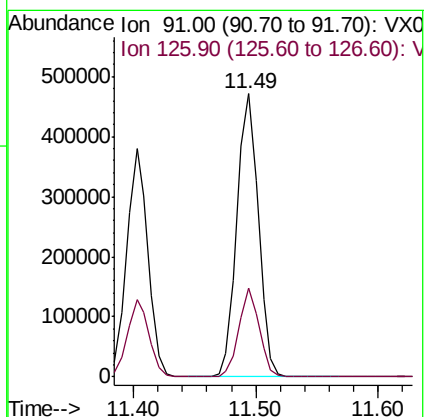
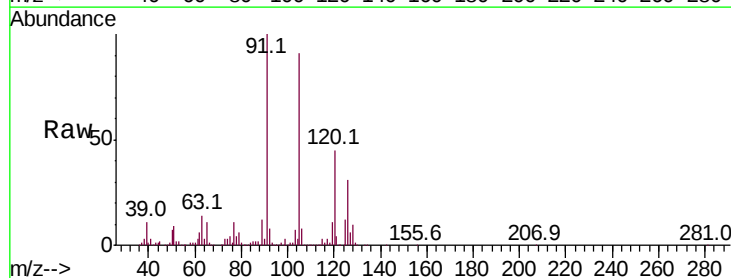
Acq: 13 Oct 2020 16:22

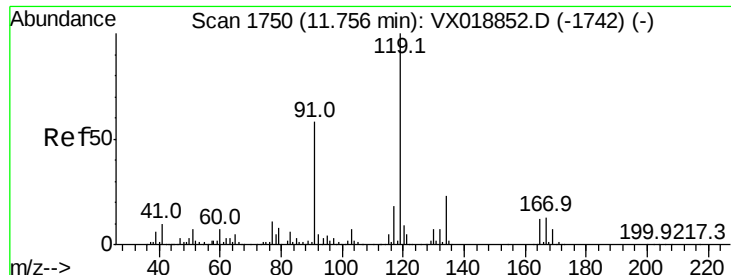
Tgt Ion: 91 Resp: 569281

Ion Ratio Lower Upper

91 100

126 29.5 14.9 44.7

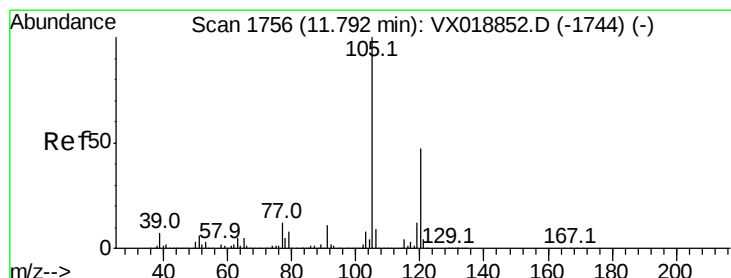
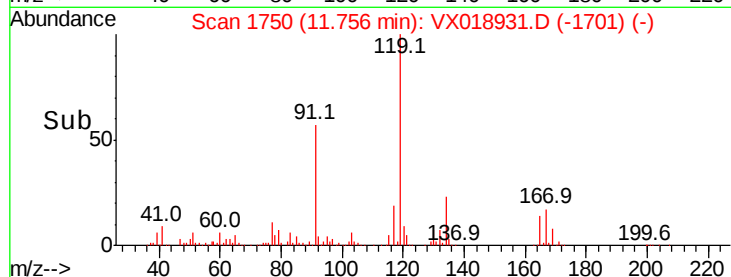
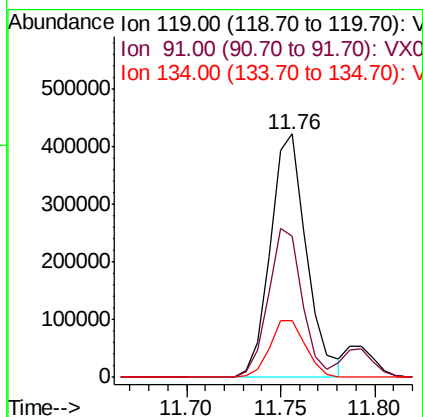
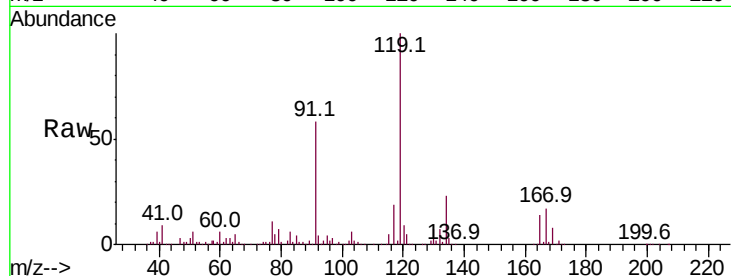




#83
 tert-Butylbenzene
 Concen: 47.033 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

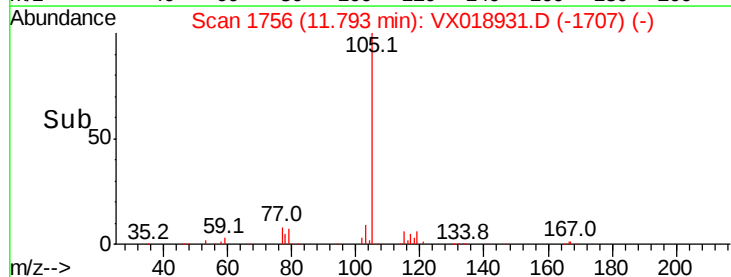
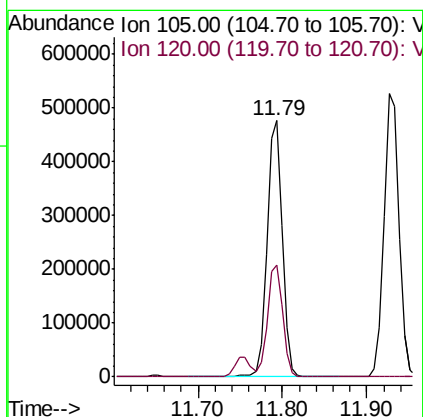
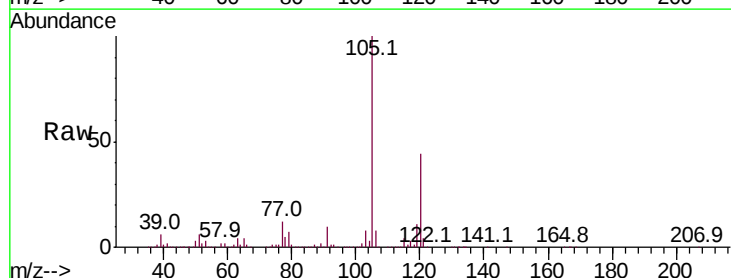
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

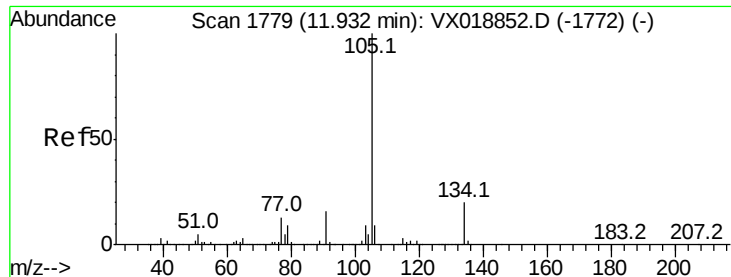
Tot Ion:119 Resp: 559628
 Ion Ratio Lower Upper
 119 100
 91 57.5 28.6 85.9
 134 23.3 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.137 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion:105 Resp: 593480
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.6 67.8

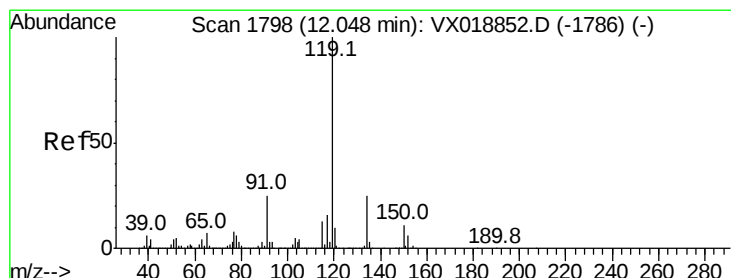
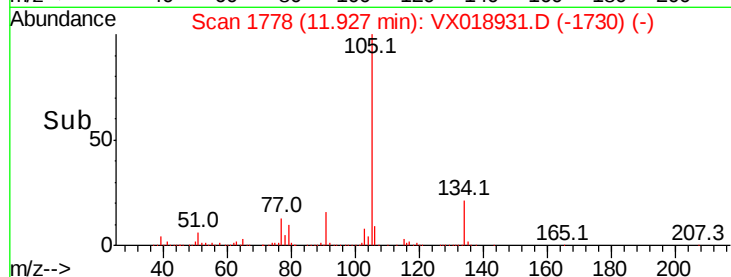
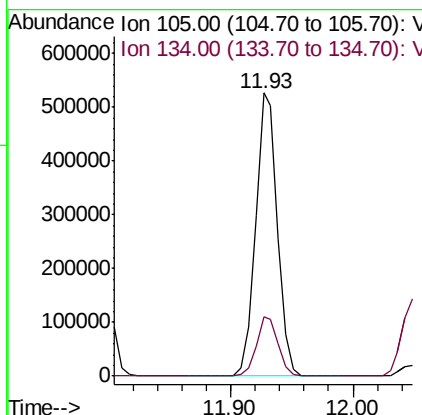
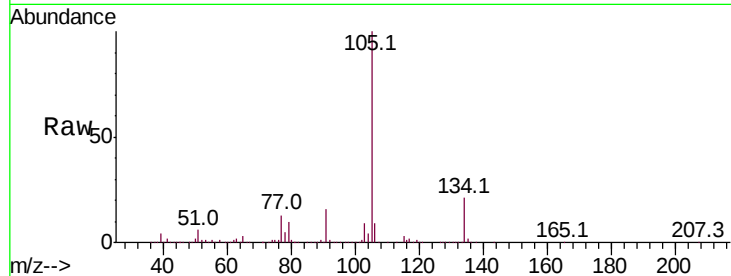




#85
 sec-Butylbenzene
 Concen: 48.691 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

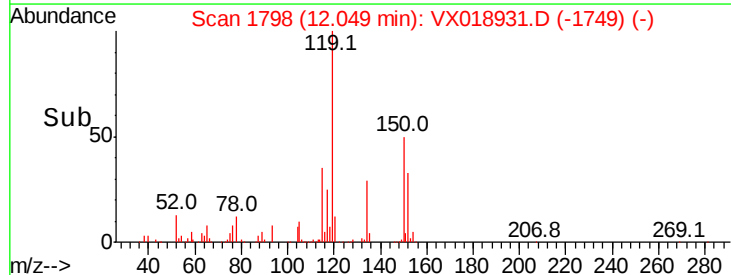
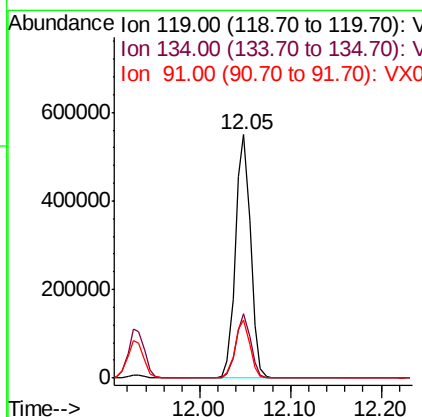
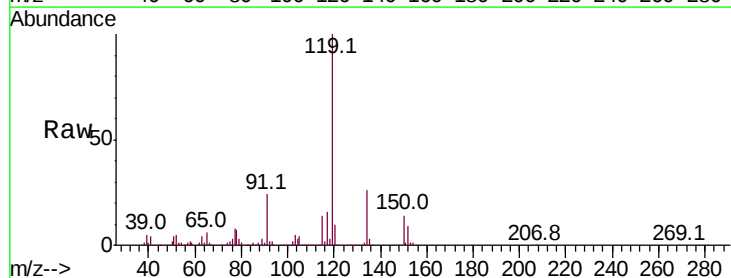
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

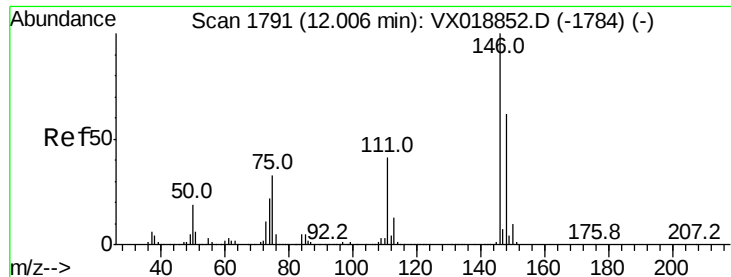
Tot Ion:105 Resp: 652687
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 49.818 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion:119 Resp: 633535
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 23.8 12.3 36.9

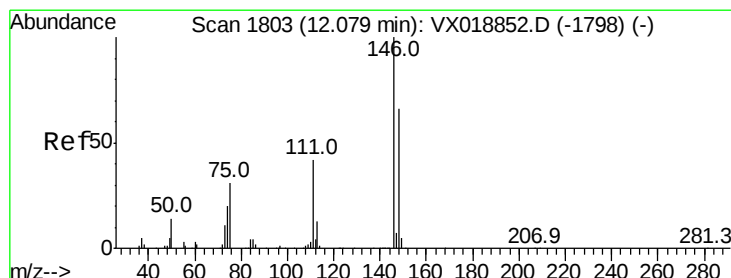
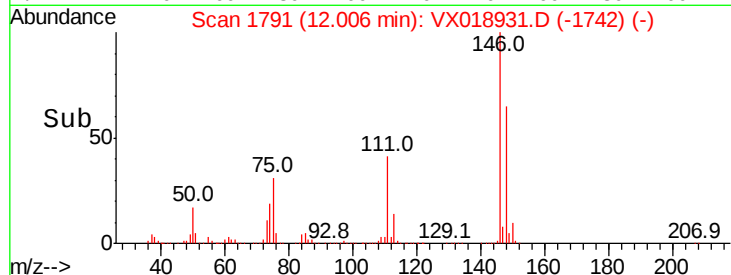
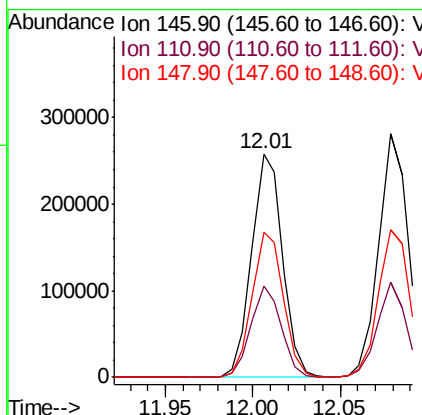
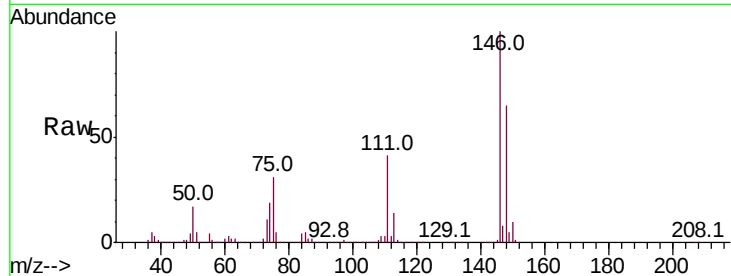




#87
 1,3-Dichlorobenzene
 Concen: 45.612 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

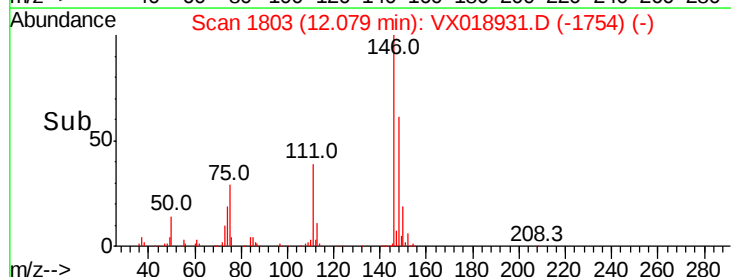
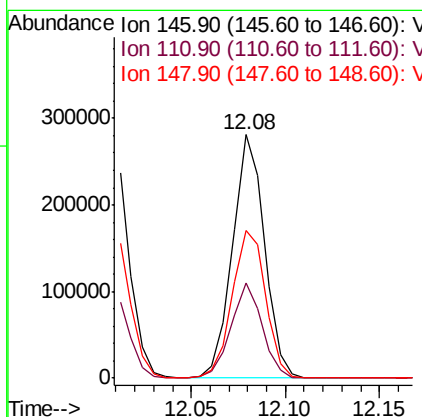
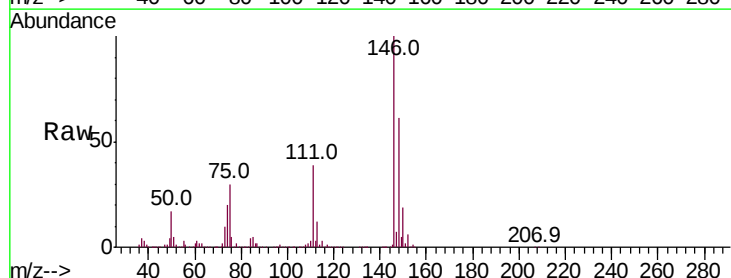
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

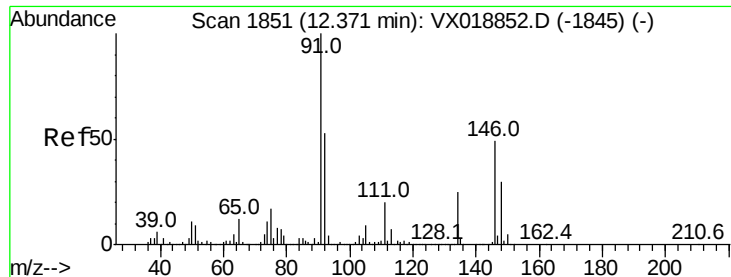
Tot Ion:146 Resp: 319631
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 59.9
 148 65.7 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 46.603 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion:146 Resp: 330795
 Ion Ratio Lower Upper
 146 100
 111 38.3 20.5 61.5
 148 63.4 32.2 96.6

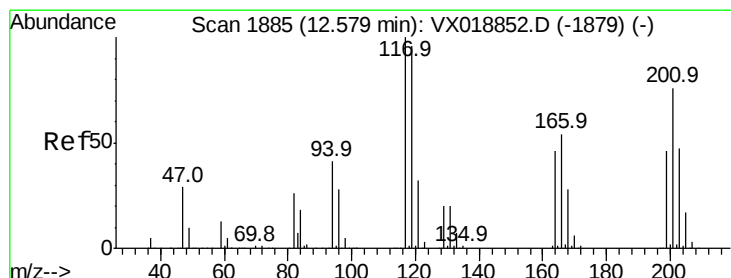
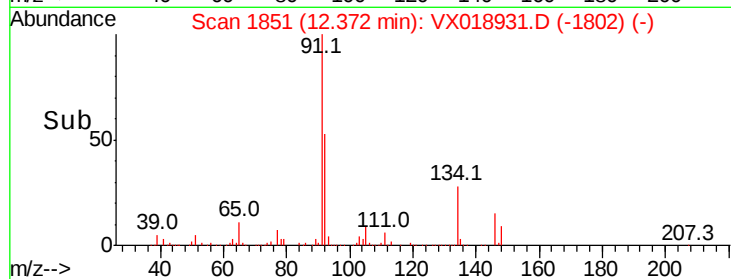
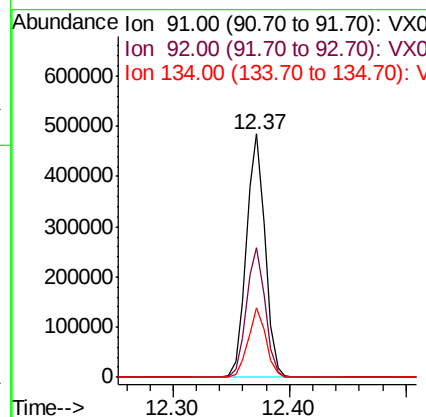
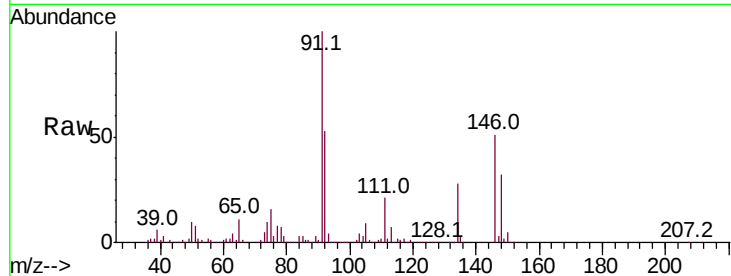




#89
n-Butylbenzene
Concen: 49.278 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

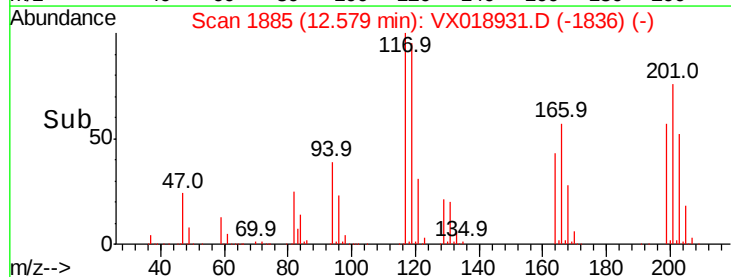
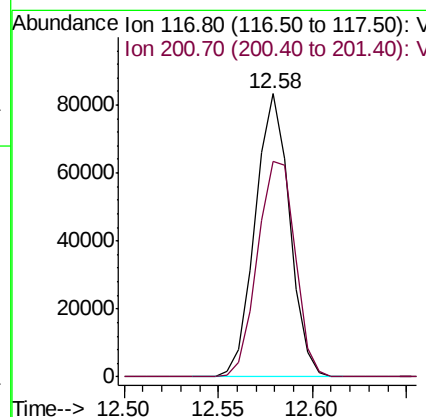
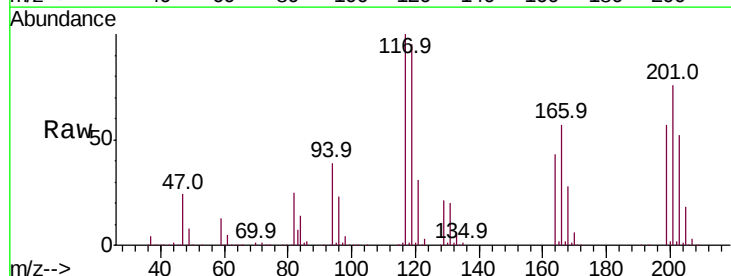
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

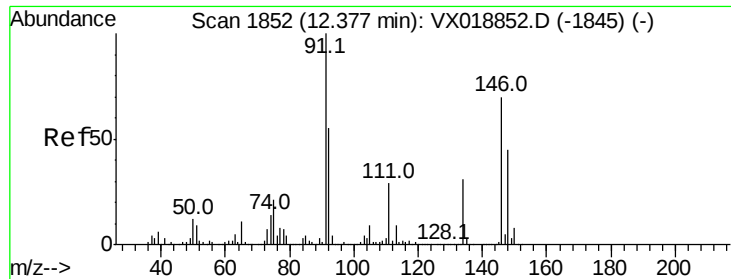
Tot Ion: 91 Resp: 544486
Ion Ratio Lower Upper
91 100
92 53.2 26.7 80.0
134 27.3 13.5 40.4



#90
Hexachloroethane
Concen: 44.694 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 117 Resp: 105665
Ion Ratio Lower Upper
117 100
201 83.4 37.4 112.2

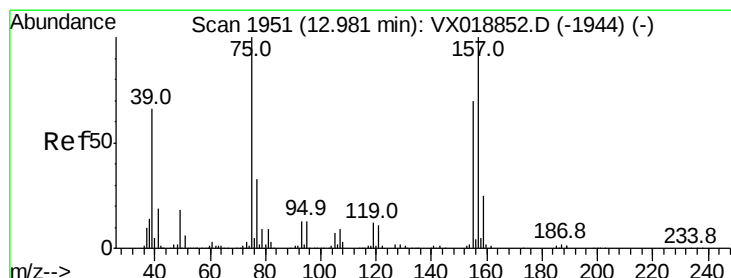
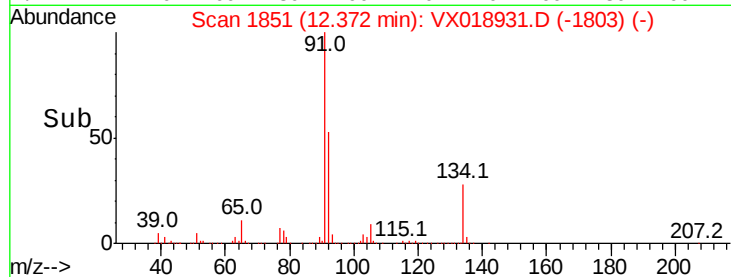
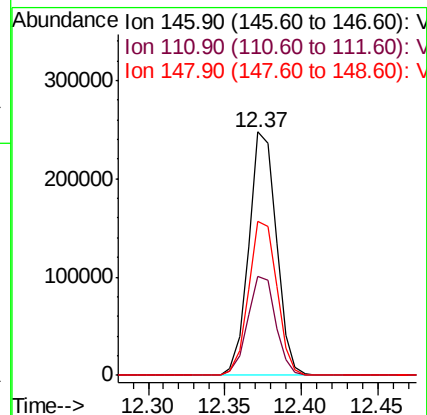
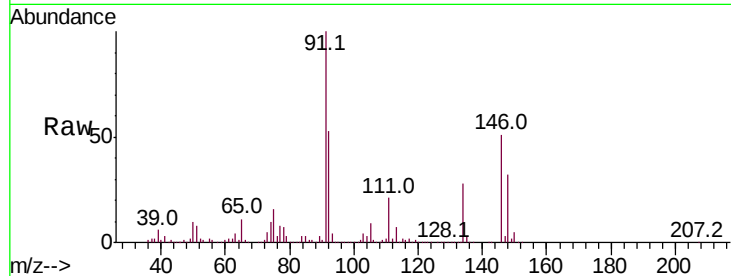




#91
 1,2-Dichlorobenzene
 Concen: 46.418 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

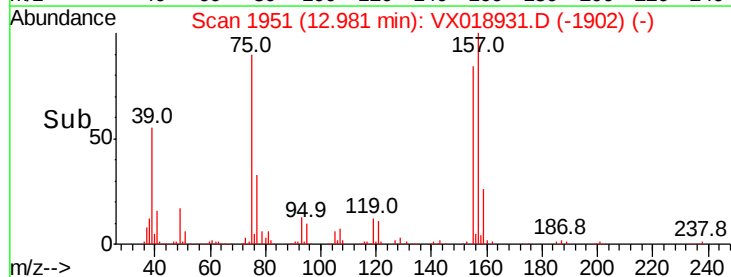
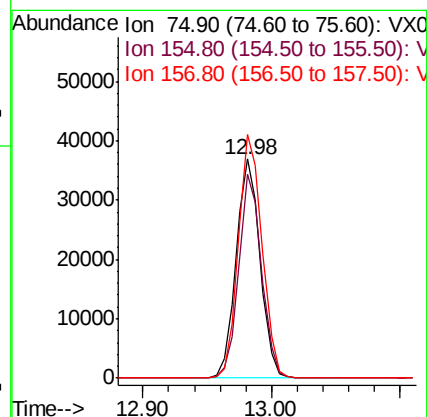
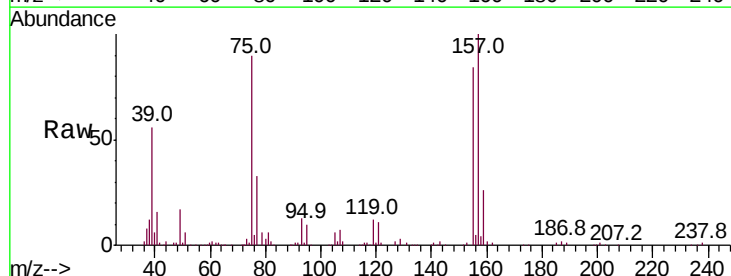
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

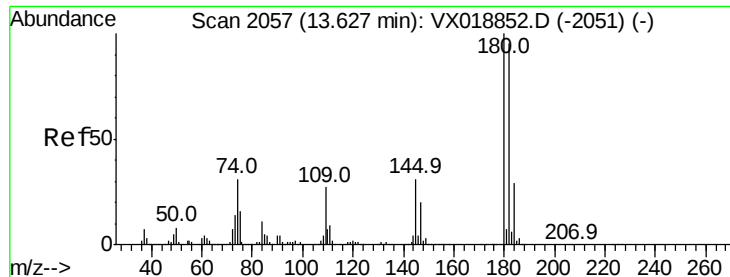
Tot Ion:146 Resp: 309623
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.6 61.9
 148 65.1 31.1 93.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.518 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion: 75 Resp: 47975
 Ion Ratio Lower Upper
 75 100
 155 88.2 38.0 113.9
 157 109.6 50.9 152.7

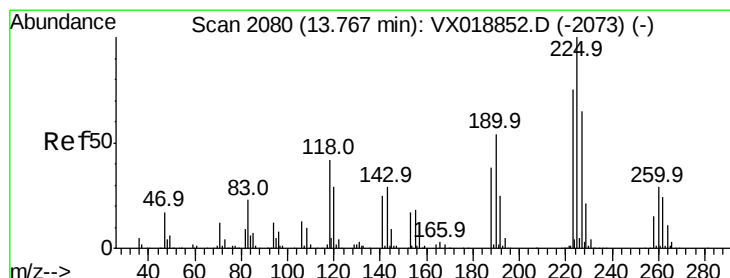
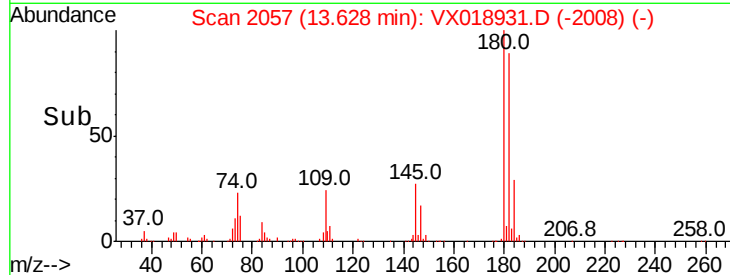
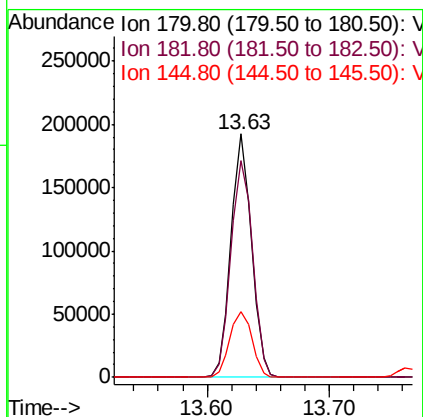
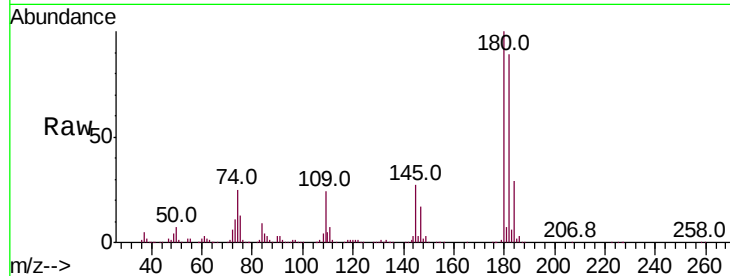




#93
 1,2,4-Trichlorobenzene
 Concen: 51.857 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

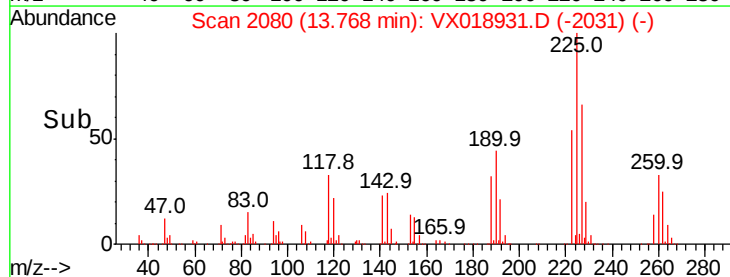
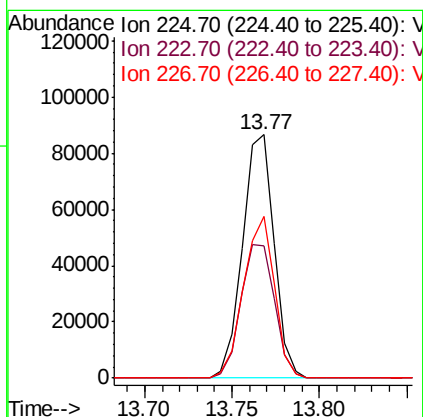
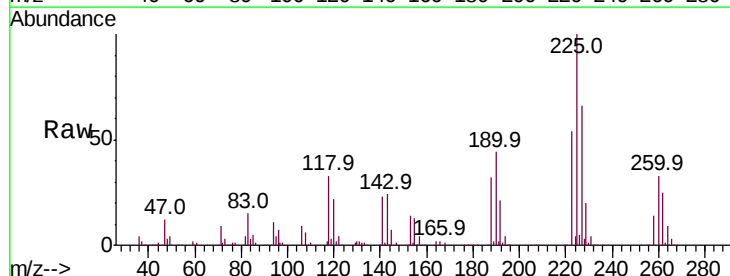
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

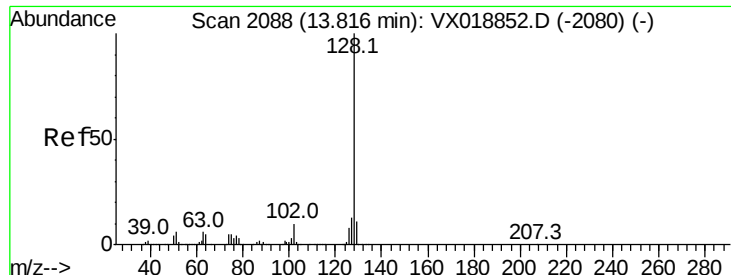
Tot Ion:180 Resp: 221913
 Ion Ratio Lower Upper
 180 100
 182 94.9 49.1 147.3
 145 29.3 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 57.197 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion:225 Resp: 108716
 Ion Ratio Lower Upper
 225 100
 223 59.0 32.1 96.3
 227 64.8 33.0 98.9

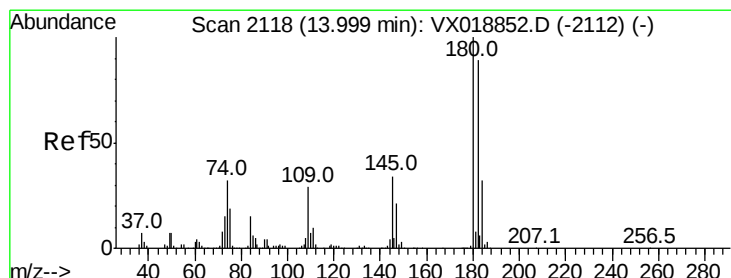
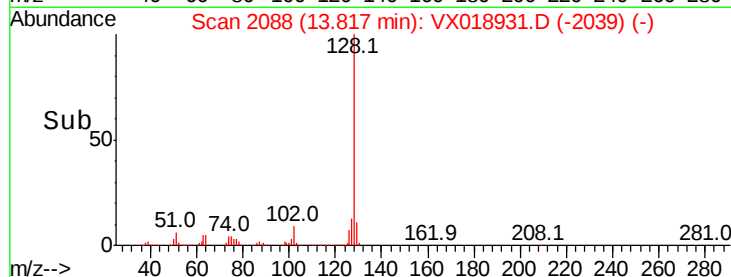
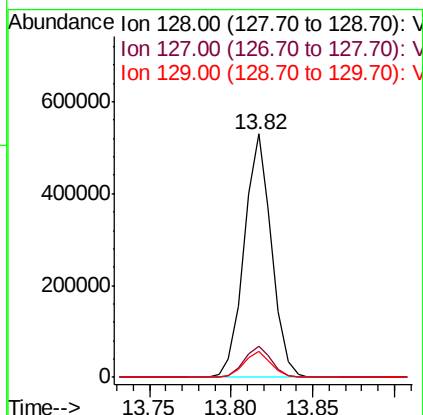
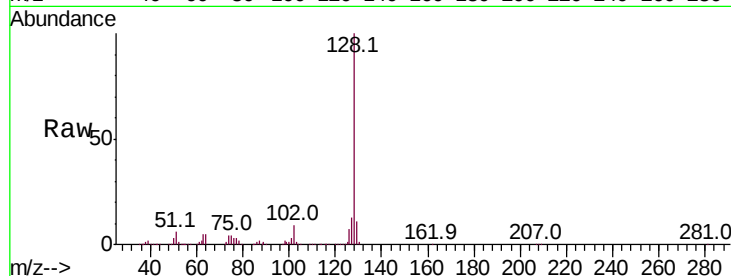




#95
Naphthalene
Concen: 43.618 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 617188
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.618 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion:180 Resp: 220304
Ion Ratio Lower Upper
180 100
182 93.1 47.7 143.1
145 31.3 16.7 50.0

