

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019300.D
 Acq On : 05 Nov 2020 09:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 06 01:06:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	266581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	440883	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	404545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209346	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	169269	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
35) Dibromofluoromethane	5.46	113	132812	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
50) Toluene-d8	8.70	98	508665	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.12	95	194064	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	113839	51.224	ug/l	99
3) Chloromethane	1.31	50	125383	50.500	ug/l	99
4) Vinyl Chloride	1.39	62	152346	52.909	ug/l	100
5) Bromomethane	1.64	94	92026	46.799	ug/l	98
6) Chloroethane	1.71	64	100347	54.583	ug/l	98
7) Trichlorofluoromethane	1.92	101	236121	52.197	ug/l	97
8) Diethyl Ether	2.17	74	92297	53.163	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	134458	53.625	ug/l	98
10) Methyl Iodide	2.49	142	125272	43.307	ug/l	100
11) Tert butyl alcohol	3.01	59	156016	229.762	ug/l	100
12) 1,1-Dichloroethene	2.36	96	130178	50.383	ug/l	98
13) Acrolein	2.27	56	87361	286.900	ug/l	99
14) Allyl chloride	2.71	41	210369	53.755	ug/l	99
15) Acrylonitrile	3.11	53	372108	260.782	ug/l	100
16) Acetone	2.42	43	332620	280.451	ug/l	100
17) Carbon Disulfide	2.55	76	360303	48.938	ug/l	99
18) Methyl Acetate	2.75	43	152911	53.020	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	470664	52.574	ug/l	99
20) Methylene Chloride	2.83	84	150770	50.636	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	149586	50.304	ug/l	95
22) Diisopropyl ether	3.82	45	437664	56.097	ug/l	97
23) Vinyl Acetate	3.78	43	1922856	276.373	ug/l	98
24) 1,1-Dichloroethane	3.67	63	264964	54.393	ug/l	100
25) 2-Butanone	4.63	43	508805	272.210	ug/l	97
26) 2,2-Dichloropropane	4.54	77	243186	53.104	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	170788	51.398	ug/l	96
28) Bromochloromethane	4.98	49	114657	51.775	ug/l	92
29) Tetrahydrofuran	5.08	42	313019	265.736	ug/l	97
30) Chloroform	5.17	83	276504	53.327	ug/l	100
31) Cyclohexane	5.54	56	232575	53.518	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	248381	52.837	ug/l	99
36) 1,1-Dichloropropene	5.76	75	213034	52.327	ug/l	99
37) Ethyl Acetate	4.79	43	194927	51.568	ug/l	99
38) Carbon Tetrachloride	5.74	117	215817	52.007	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	257947	52.988	ug/l	98
40) Benzene	6.10	78	611914	53.011	ug/l	98
41) Methacrylonitrile	5.00	41	107130	52.626	ug/l	98
42) 1,2-Dichloroethane	6.15	62	225298	52.959	ug/l	99
43) Isopropyl Acetate	6.40	43	326312	51.555	ug/l	99
44) Trichloroethene	7.18	130	163726	49.526	ug/l	92
45) 1,2-Dichloropropane	7.48	63	155624	55.043	ug/l	99
46) Dibromomethane	7.63	93	106158	50.776	ug/l	97
47) Bromodichloromethane	7.87	83	218893	53.118	ug/l	99
48) Methyl methacrylate	7.74	41	160984	52.844	ug/l	98
49) 1,4-Dioxane	7.73	88	64610	953.677	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	977319	268.656	ug/l	99
52) Toluene	8.76	92	391824	52.703	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	242684	51.560	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	261894	52.913	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	152214	51.818	ug/l	98
56) Ethyl methacrylate	9.16	69	232663	52.438	ug/l	97
57) 1,3-Dichloropropane	9.35	76	258865	52.269	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	580758	234.044	ug/l	96
59) 2-Hexanone	9.47	43	767186	277.049	ug/l	98
60) Dibromochloromethane	9.56	129	166017	52.077	ug/l	100
61) 1,2-Dibromoethane	9.65	107	159762	50.860	ug/l	98
64) Tetrachloroethene	9.32	164	153237	49.717	ug/l	93
65) Chlorobenzene	10.12	112	409346	49.507	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	149650	50.274	ug/l	99
67) Ethyl Benzene	10.23	91	746495	50.666	ug/l	100
68) m/p-Xylenes	10.34	106	561621	101.562	ug/l	98
69) o-Xylene	10.68	106	264064	50.346	ug/l	99
70) Styrene	10.70	104	459511	51.346	ug/l	99
71) Bromoform	10.84	173	114696	48.598	ug/l #	100
73) Isopropylbenzene	11.00	105	727972	49.126	ug/l	100
74) N-amyl acetate	10.88	43	275849	50.912	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	227648	49.155	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	275363	63.704	ug/l	85
77) Bromobenzene	11.24	156	175018	47.588	ug/l	94
78) n-propylbenzene	11.34	91	848447	50.157	ug/l	100
79) 2-Chlorotoluene	11.40	91	502838	50.491	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	625675	49.979	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	77991	47.507	ug/l	97
82) 4-Chlorotoluene	11.49	91	597903	49.164	ug/l	98
83) tert-Butylbenzene	11.76	119	591899	49.380	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	629190	49.784	ug/l	99
85) sec-Butylbenzene	11.93	105	728363	50.664	ug/l	99
86) p-Isopropyltoluene	12.05	119	673274	50.739	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	328269	47.929	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	334175	46.872	ug/l	99
89) n-Butylbenzene	12.37	91	638198	51.168	ug/l	99
90) Hexachloroethane	12.58	117	112143	49.721	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	309164	47.009	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51680	45.584	ug/l	96

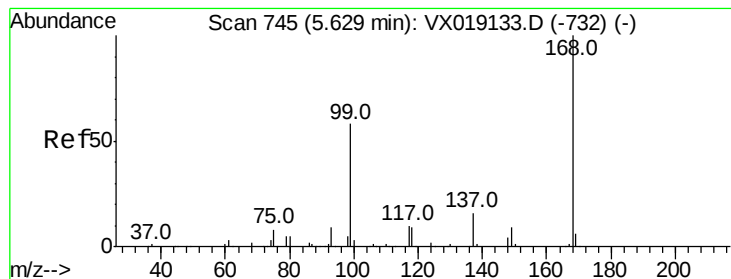
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	224938	45.535	ug/l	100
94) Hexachlorobutadiene	13.76	225	97792	44.971	ug/l	96
95) Naphthalene	13.82	128	710299	45.654	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	217185	45.320	ug/l	100

(#) = 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: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

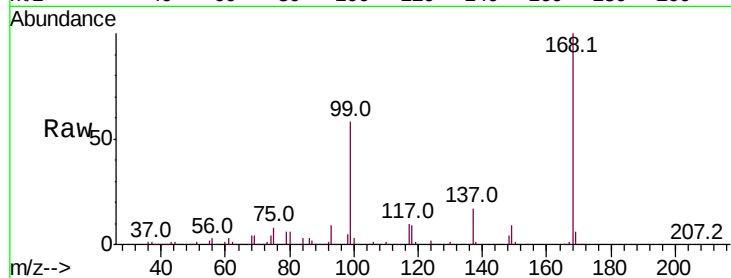
VSTDCCC050

Tot Ion:168 Resp: 266581

Ion Ratio Lower Upper

168 100

99 57.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

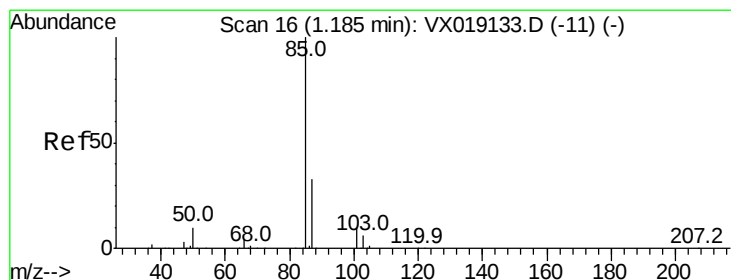
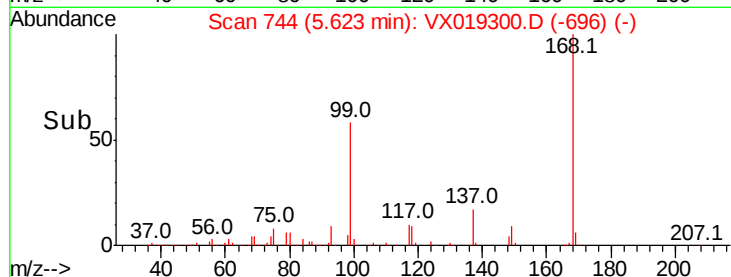
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.224 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019300.D

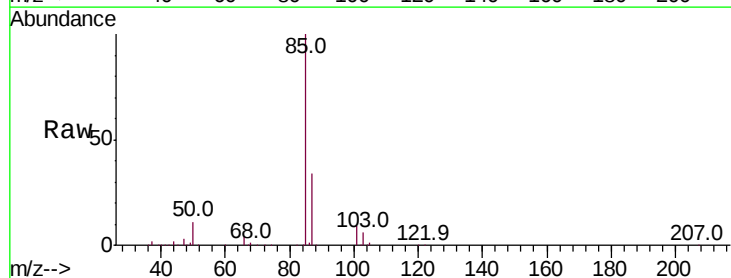
Acq: 05 Nov 2020 09:41

Tgt Ion: 85 Resp: 113839

Ion Ratio Lower Upper

85 100

87 33.6 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

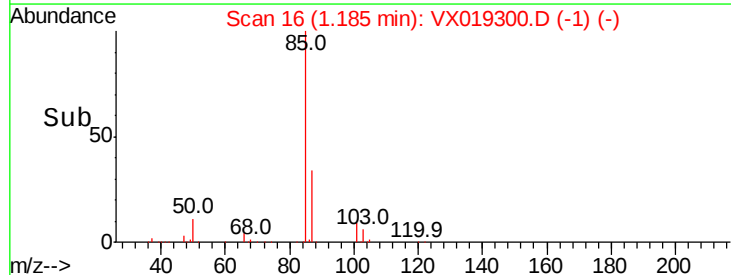
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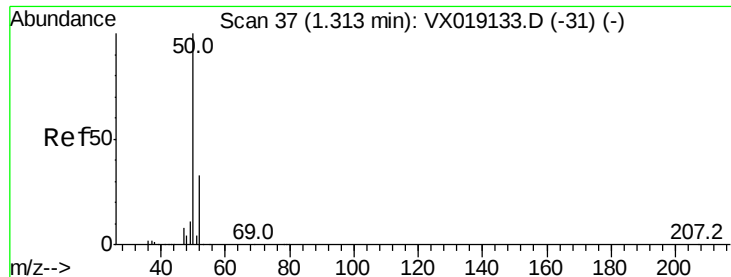
100000

50000

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Time-->





#3

Chloromethane

Concen: 50.500 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

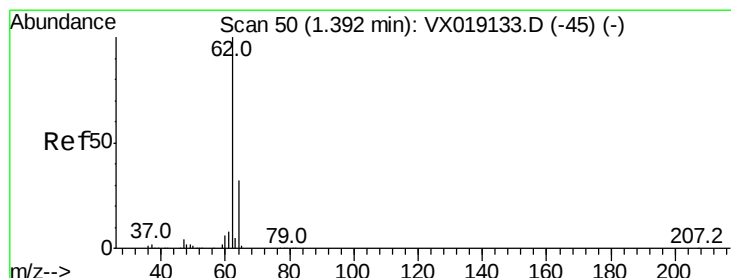
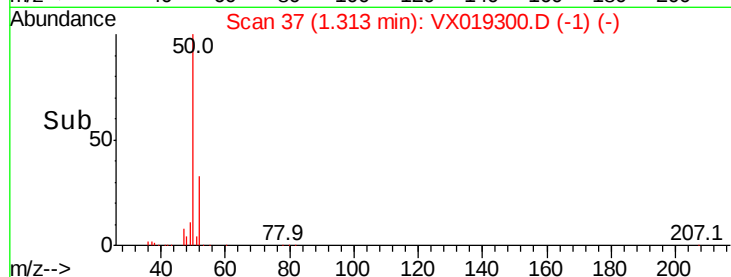
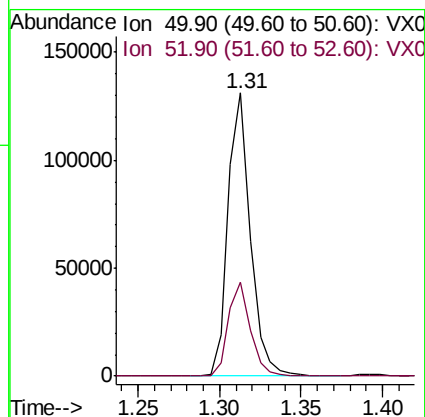
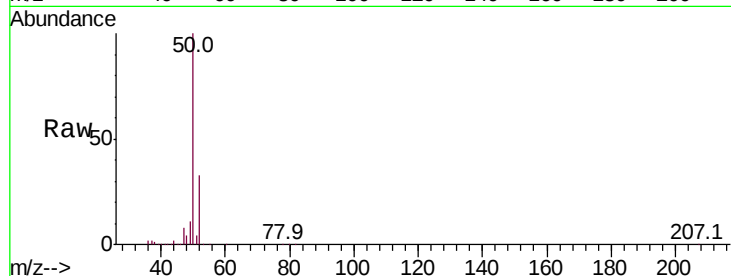
VSTDCCC050

Tot Ion: 50 Resp: 125383

Ion Ratio Lower Upper

50 100

52 33.2 26.8 40.2



#4

Vinyl Chloride

Concen: 52.909 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019300.D

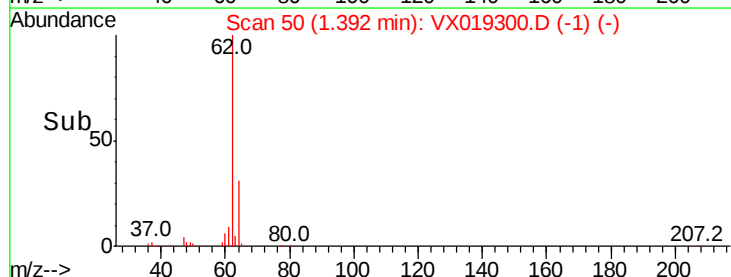
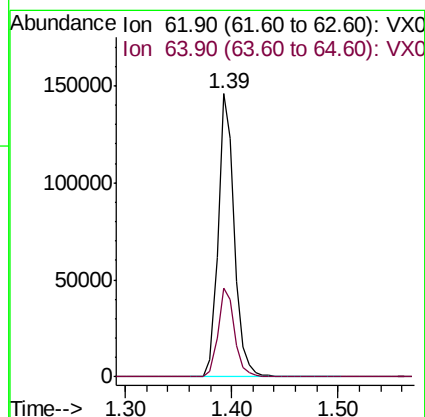
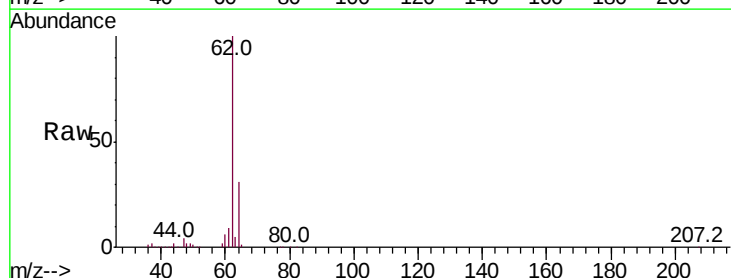
Acq: 05 Nov 2020 09:41

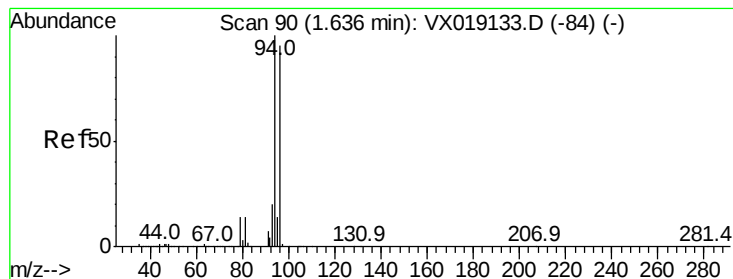
Tgt Ion: 62 Resp: 152346

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 46.799 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

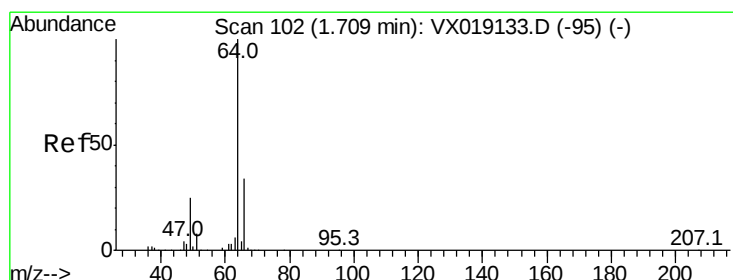
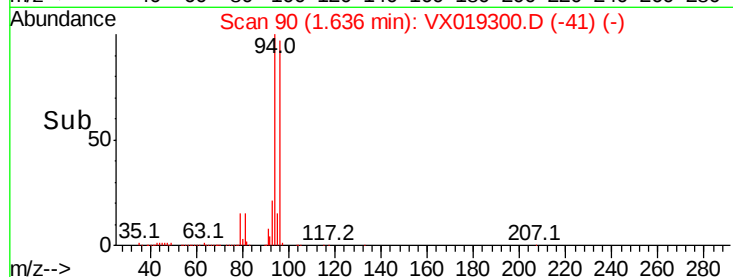
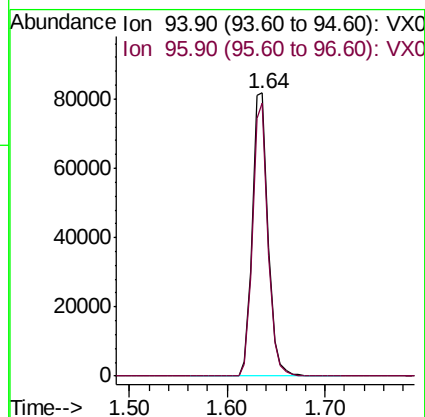
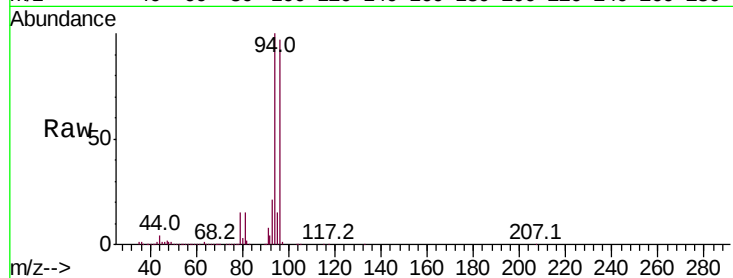
VSTDCCC050

Tot Ion: 94 Resp: 92026

Ion Ratio Lower Upper

94 100

96 96.6 76.0 114.0



#6

Chloroethane

Concen: 54.583 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019300.D

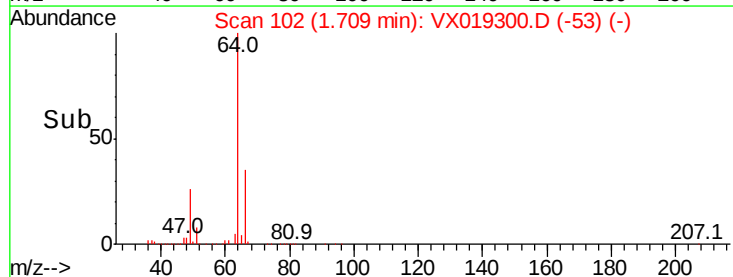
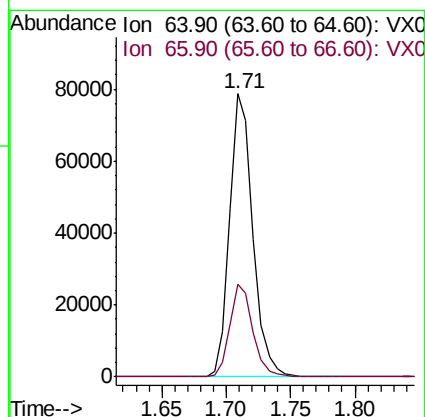
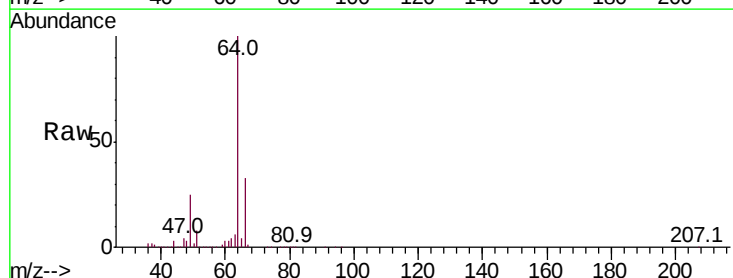
Acq: 05 Nov 2020 09:41

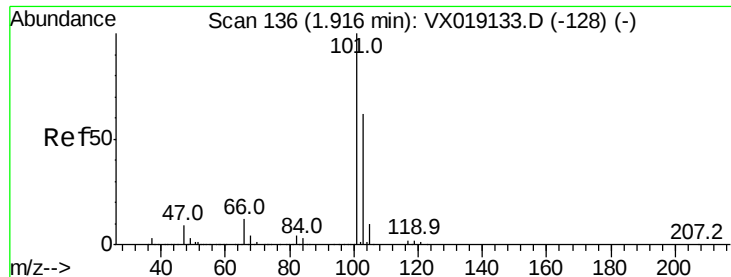
Tgt Ion: 64 Resp: 100347

Ion Ratio Lower Upper

64 100

66 32.7 27.1 40.7



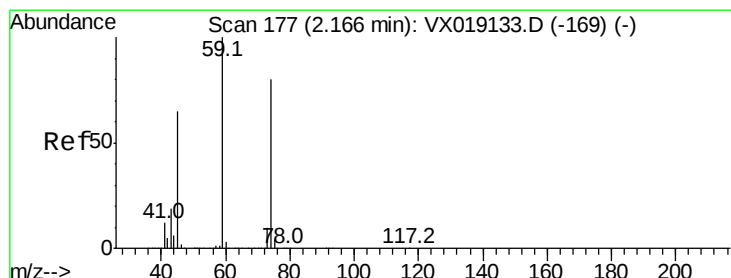
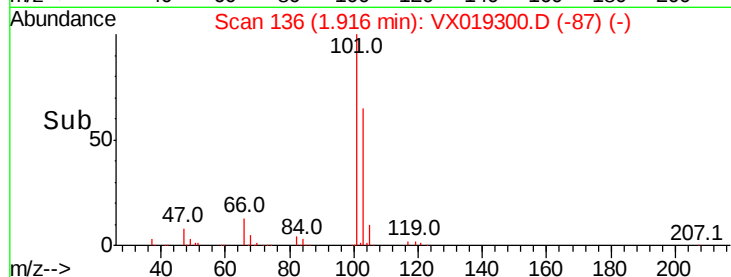
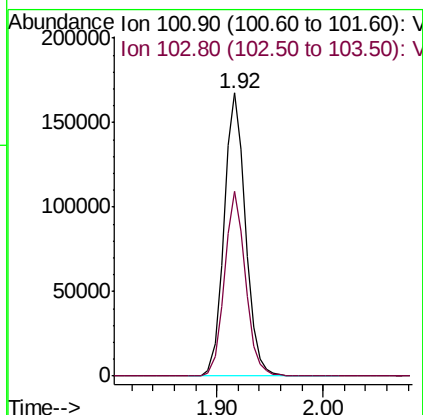
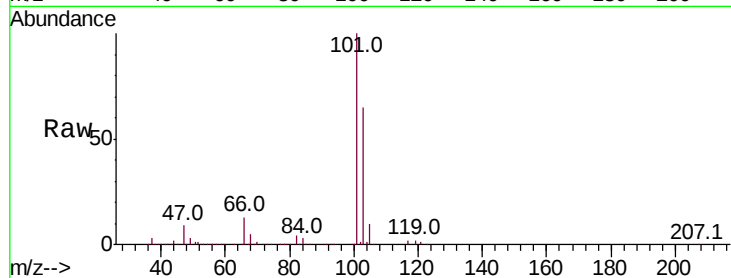


#7

Trichlorofluoromethane
 Concen: 52.197 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

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 VSTDCCC050

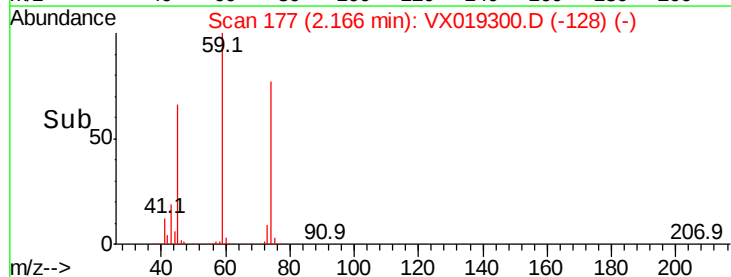
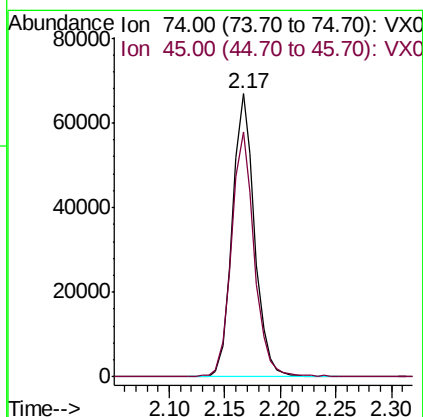
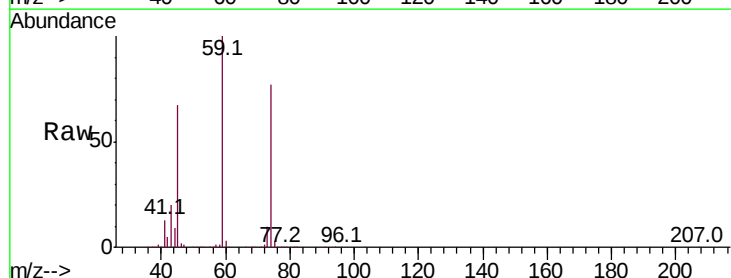
Tot Ion:101 Resp: 236121
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.0 75.0

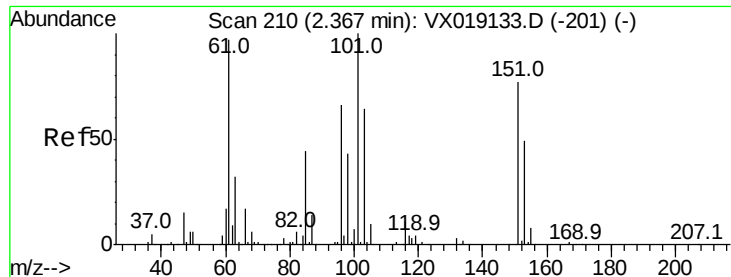


#8

Diethyl Ether
 Concen: 53.163 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion: 74 Resp: 92297
 Ion Ratio Lower Upper
 74 100
 45 88.3 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.625 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

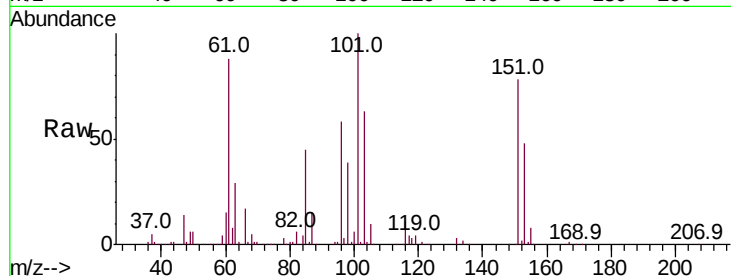
Tot Ion:101 Resp: 134458

Ion Ratio Lower Upper

101 100

85 44.9 35.0 52.4

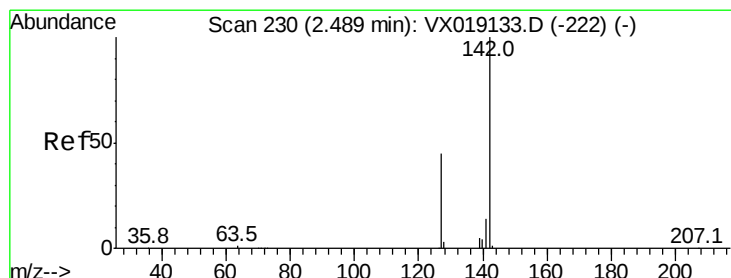
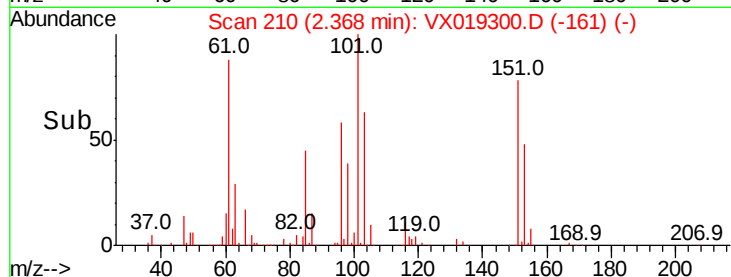
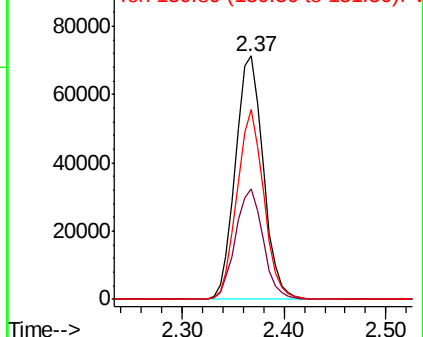
151 74.9 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.307 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

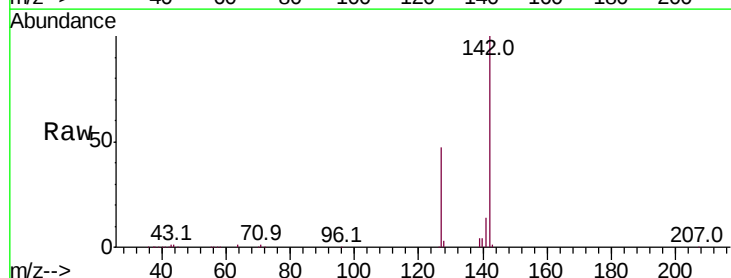
Tgt Ion:142 Resp: 125272

Ion Ratio Lower Upper

142 100

127 45.3 36.1 54.1

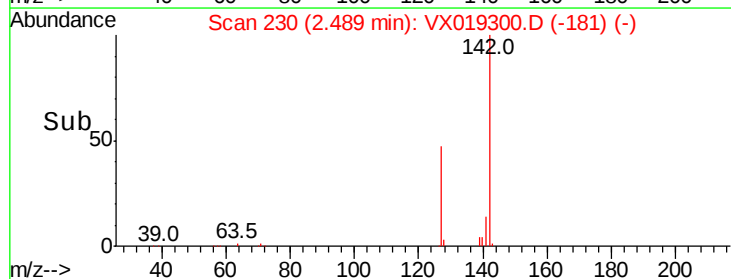
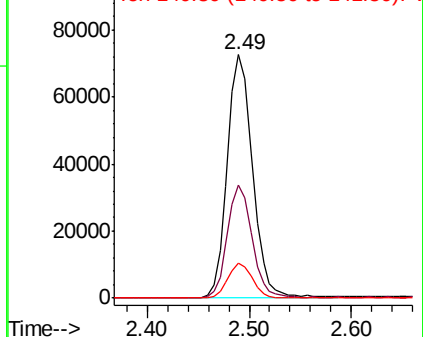
141 14.0 11.3 16.9

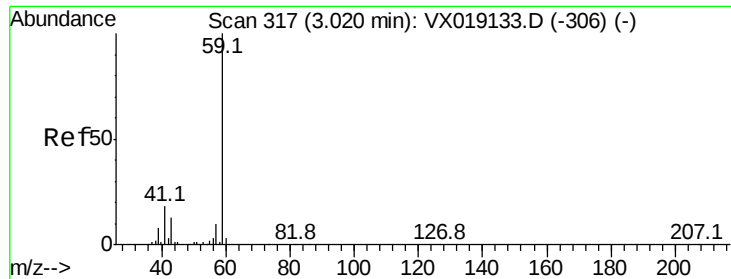


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



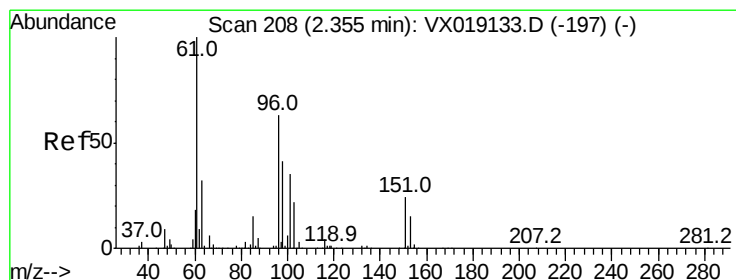
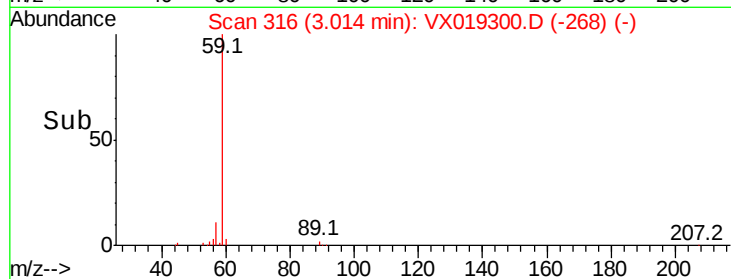
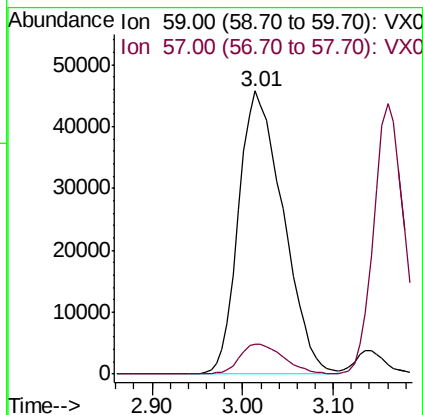
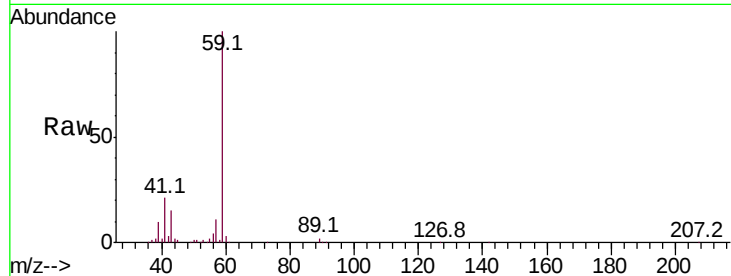


#11

Tert butyl alcohol
Concen: 229.762 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

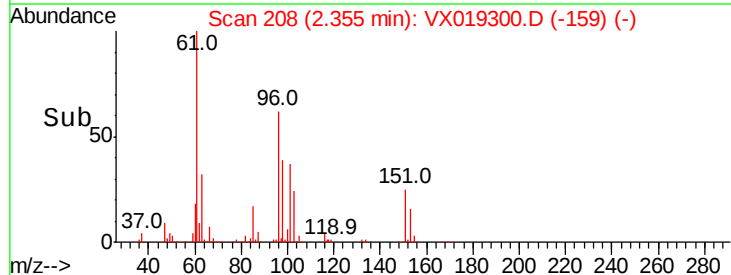
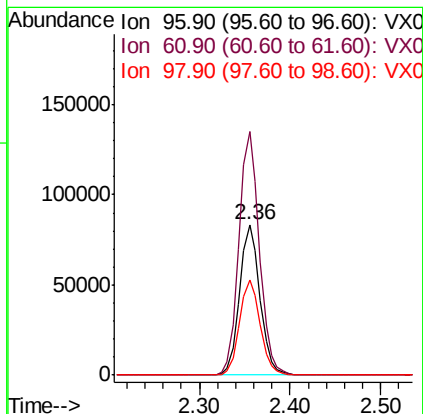
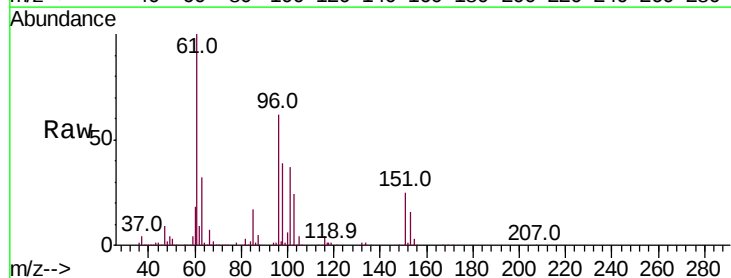
Tot Ion: 59 Resp: 156016
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

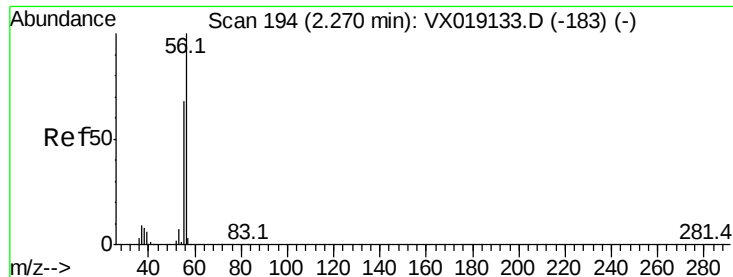


#12

1,1-Dichloroethene
Concen: 50.383 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion: 96 Resp: 130178
Ion Ratio Lower Upper
96 100
61 161.5 127.7 191.5
98 63.0 52.1 78.1





#13

Acrolein

Concen: 286.900 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

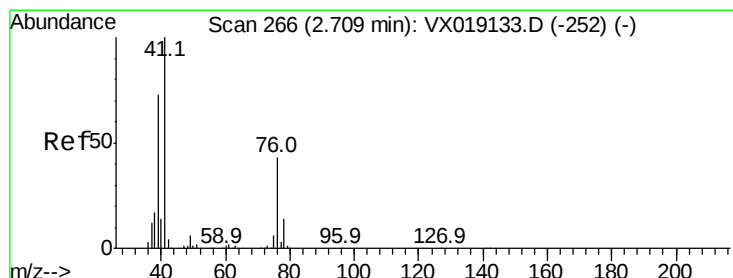
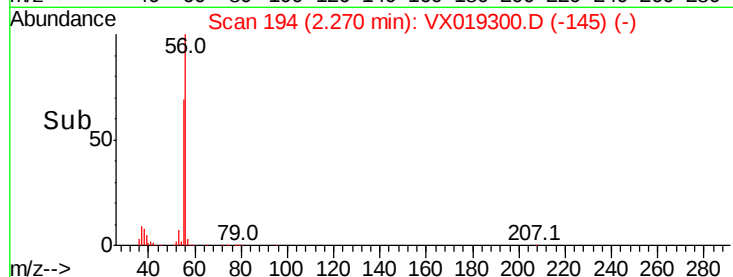
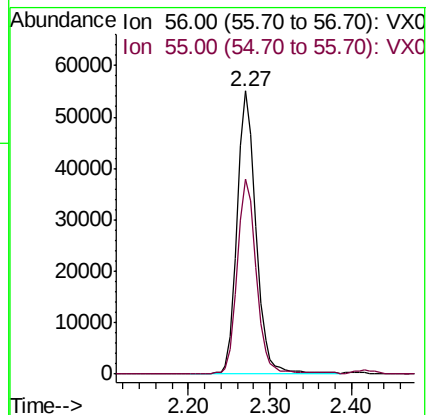
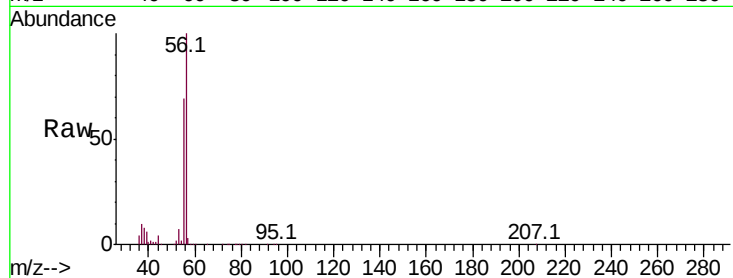
VSTDCCC050

Tot Ion: 56 Resp: 87361

Ion Ratio Lower Upper

56 100

55 69.1 54.7 82.1



#14

Allyl chloride

Concen: 53.755 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

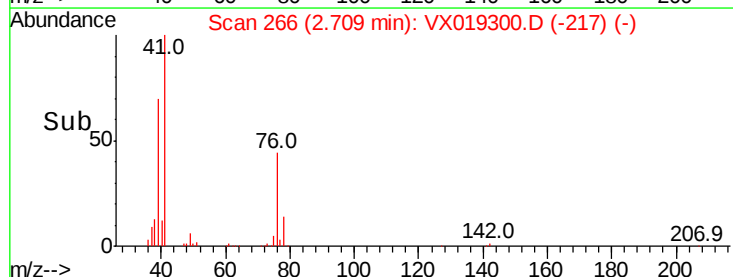
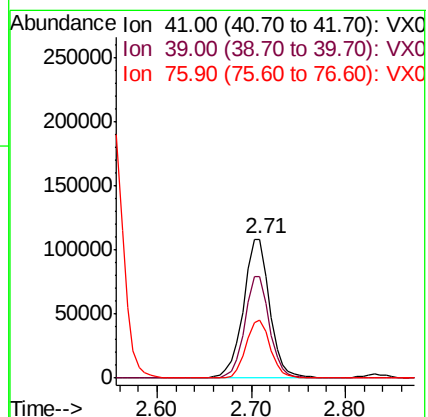
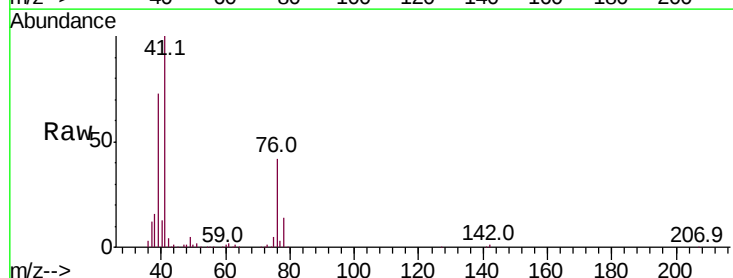
Tgt Ion: 41 Resp: 210369

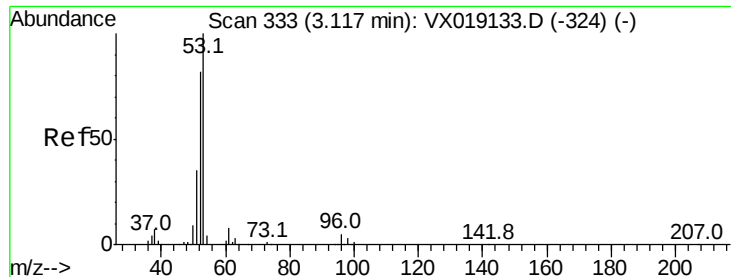
Ion Ratio Lower Upper

41 100

39 68.2 55.2 82.8

76 38.5 31.5 47.3





#15

Acrylonitrile

Concen: 260.782 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

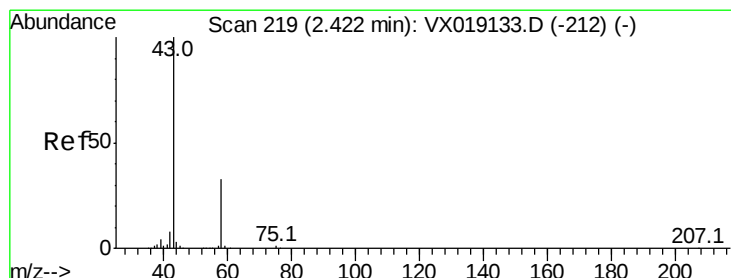
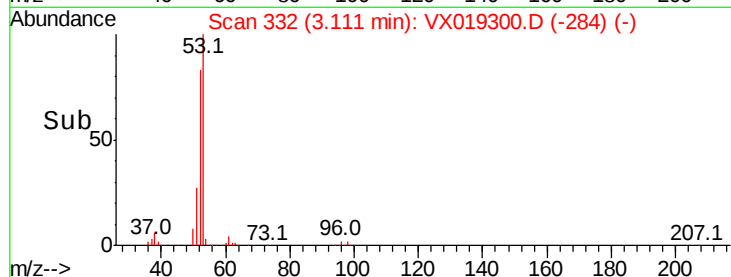
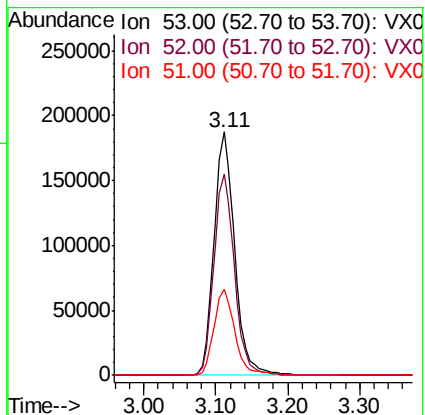
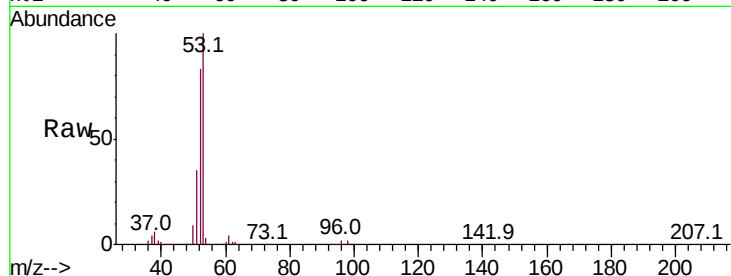
Tot Ion: 53 Resp: 372108

Ion Ratio Lower Upper

53 100

52 82.5 65.7 98.5

51 35.7 28.4 42.6



#16

Acetone

Concen: 280.451 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019300.D

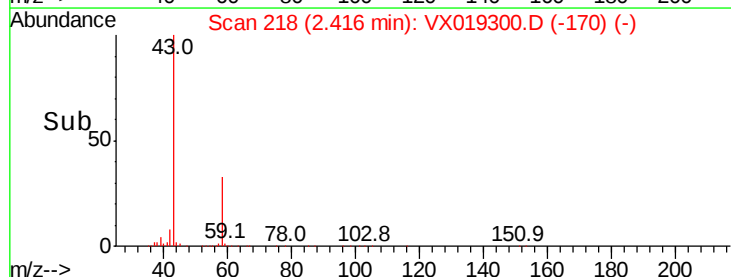
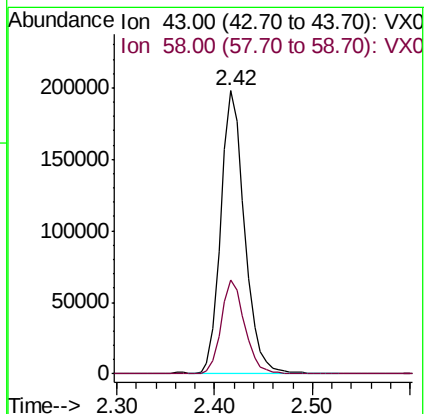
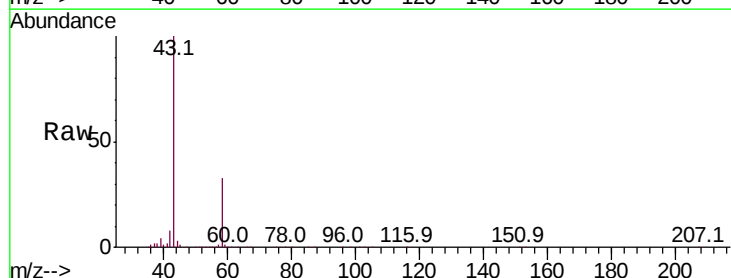
Acq: 05 Nov 2020 09:41

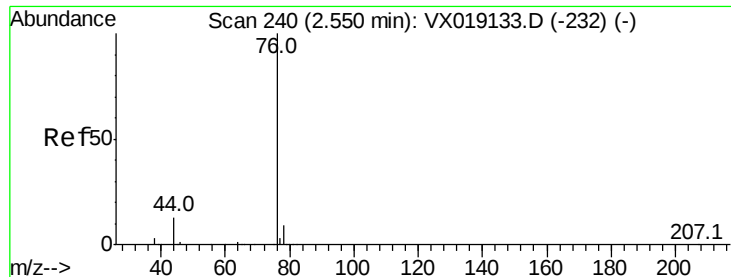
Tgt Ion: 43 Resp: 332620

Ion Ratio Lower Upper

43 100

58 33.0 26.3 39.5

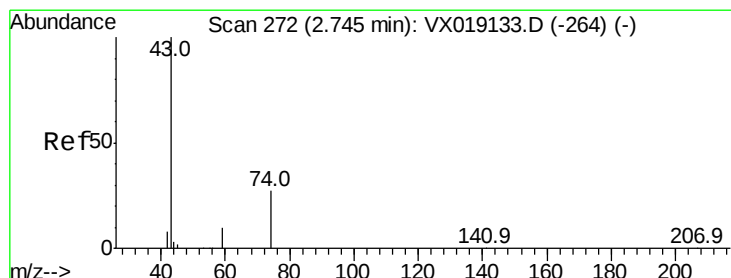
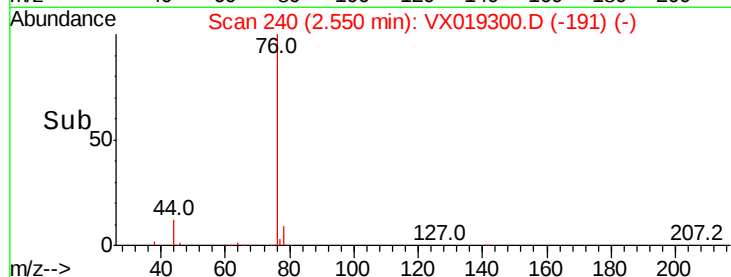
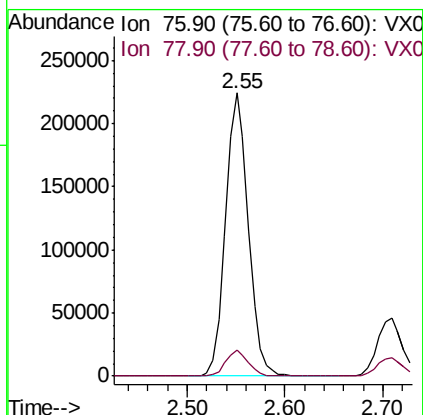
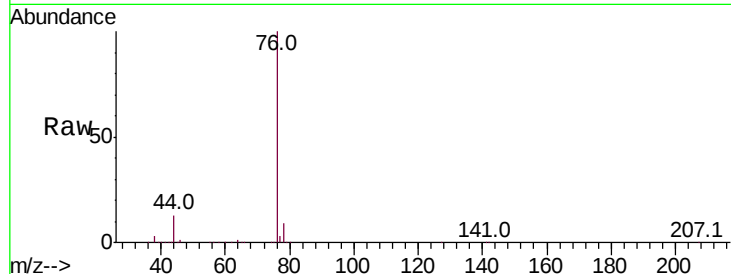




#17
Carbon Disulfide
Concen: 48.938 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

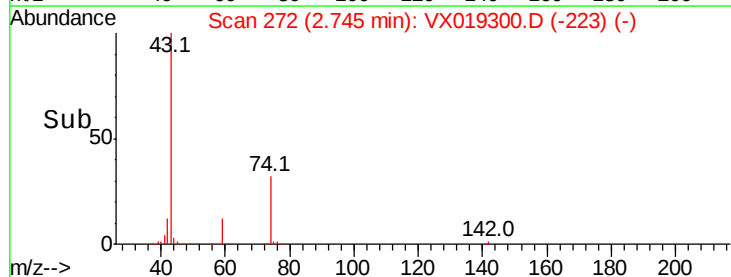
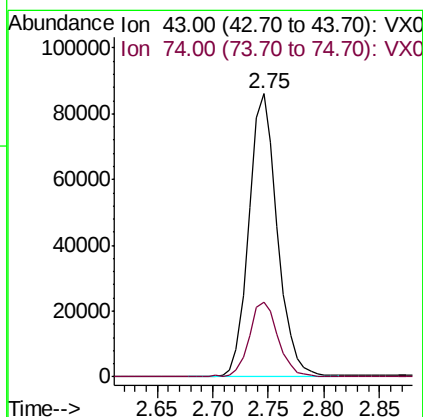
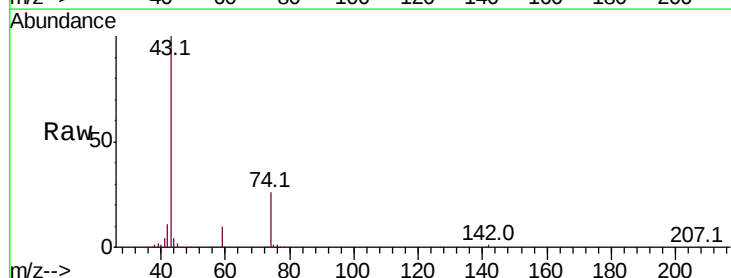
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

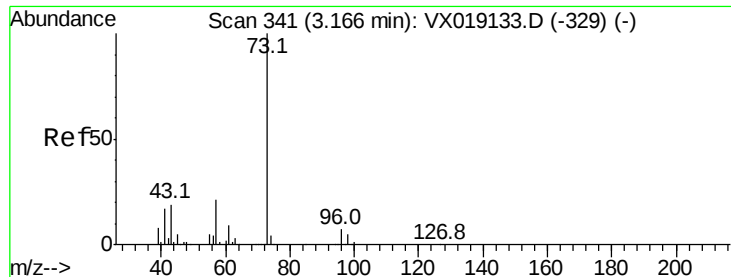
Tot Ion: 76 Resp: 360303
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 53.020 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion: 43 Resp: 152911
Ion Ratio Lower Upper
43 100
74 27.3 22.6 33.8

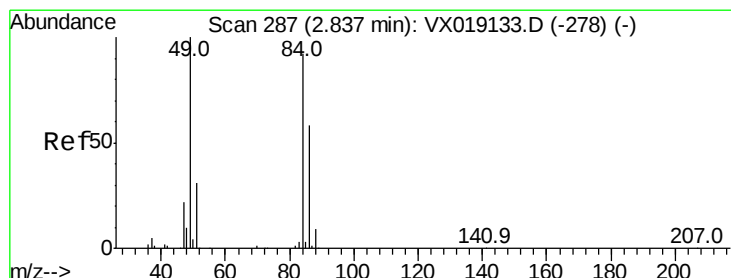
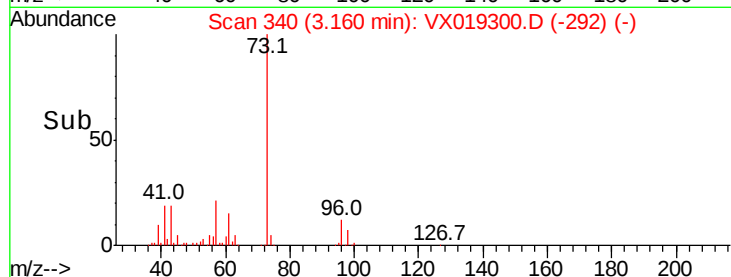
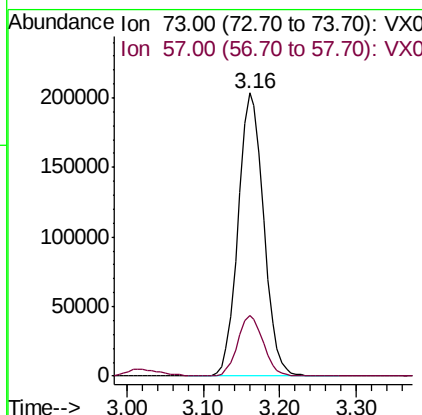
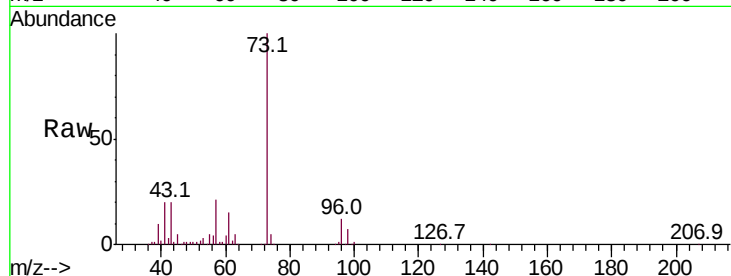




#19
Methvl tert-butvl Ether
Concen: 52.574 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

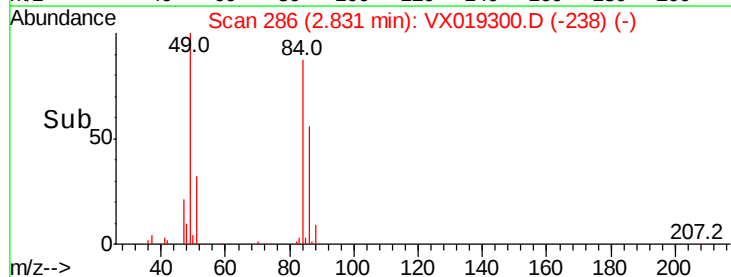
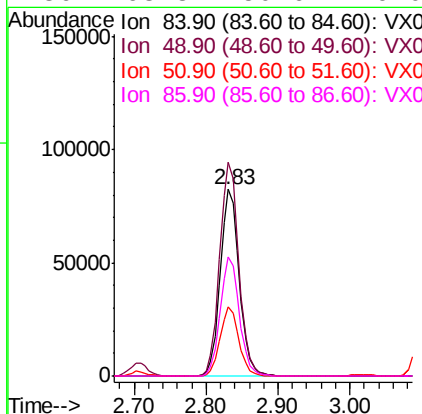
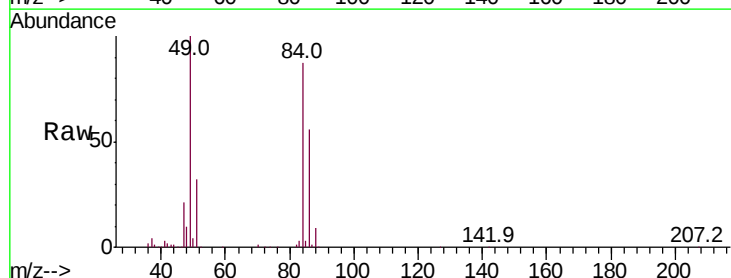
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

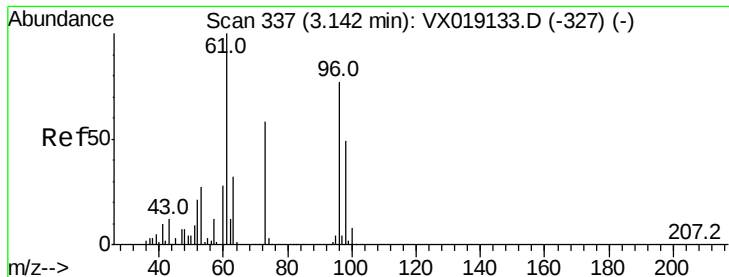
Tot Ion: 73 Resp: 470664
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0



#20
Methylene Chloride
Concen: 50.636 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion: 84 Resp: 150770
Ion Ratio Lower Upper
84 100
49 114.6 86.8 130.2
51 36.8 27.3 40.9
86 63.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 50.304 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

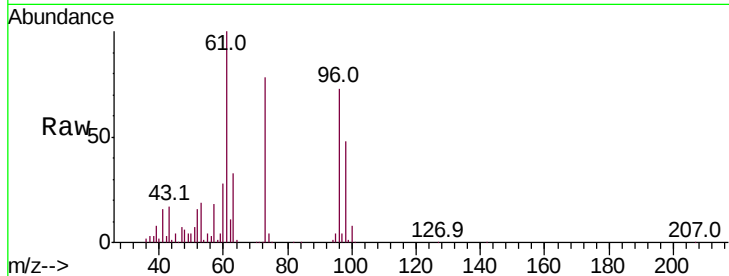
Tot Ion: 96 Resp: 149586

Ion Ratio Lower Upper

96 100

61 137.9 104.2 156.4

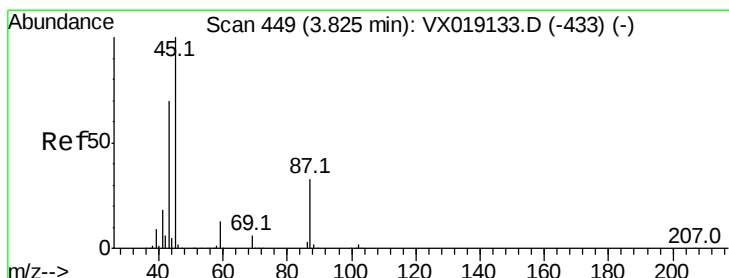
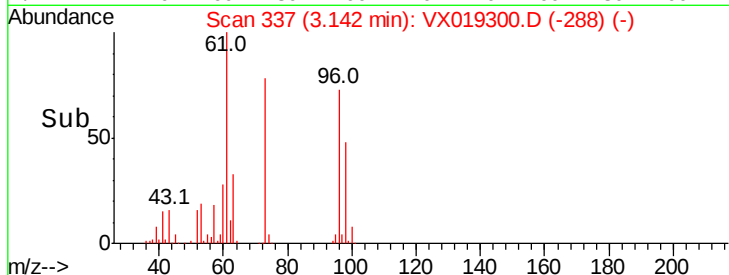
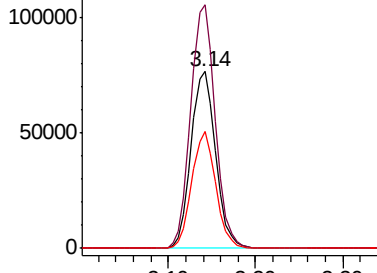
98 65.9 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 56.097 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Tgt Ion: 45 Resp: 437664

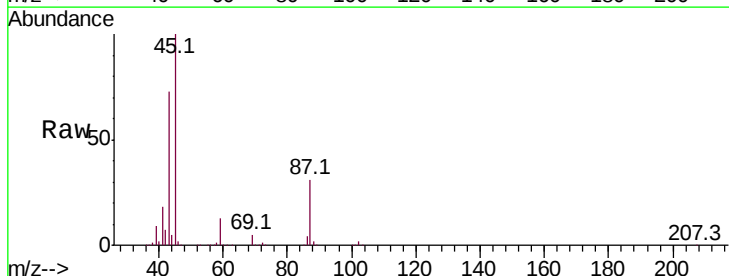
Ion Ratio Lower Upper

45 100

43 73.4 56.2 84.4

87 30.8 26.2 39.2

59 12.8 10.1 15.1

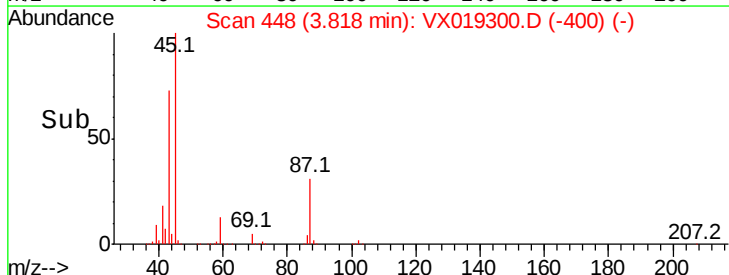
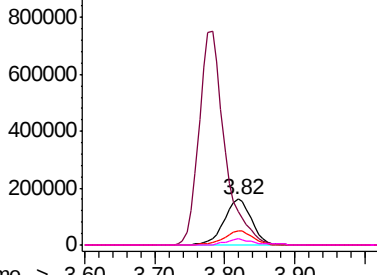


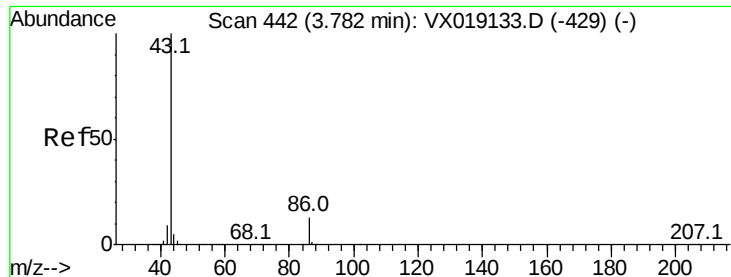
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 276.373 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

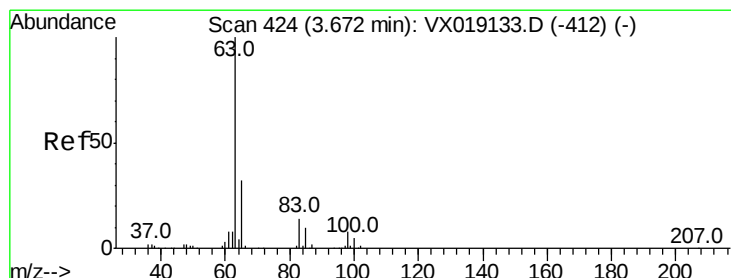
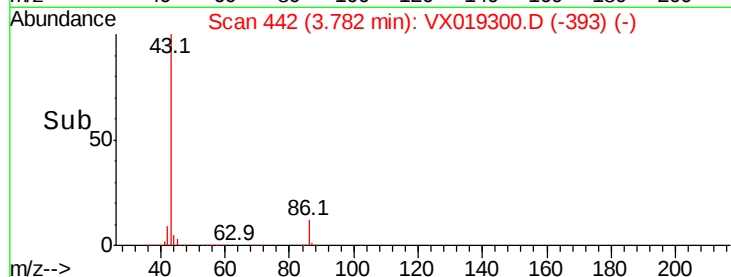
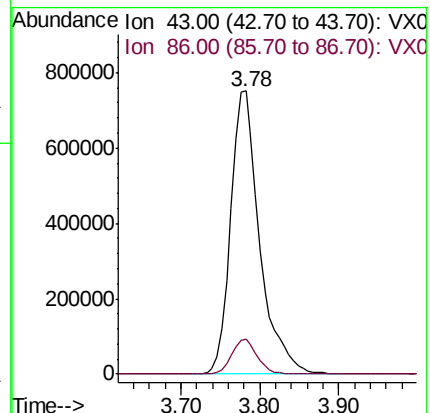
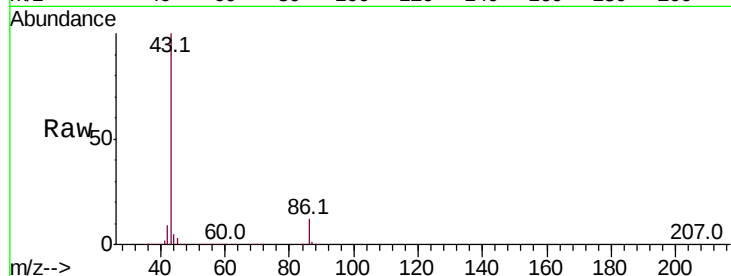
VSTDCCC050

Tot Ion: 43 Resp: 1922856

Ion Ratio Lower Upper

43 100

86 12.2 10.4 15.6



#24

1,1-Dichloroethane

Concen: 54.393 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

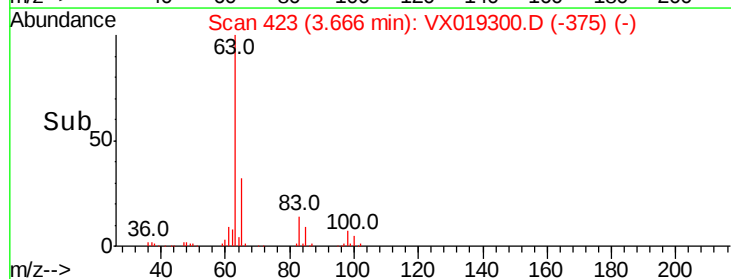
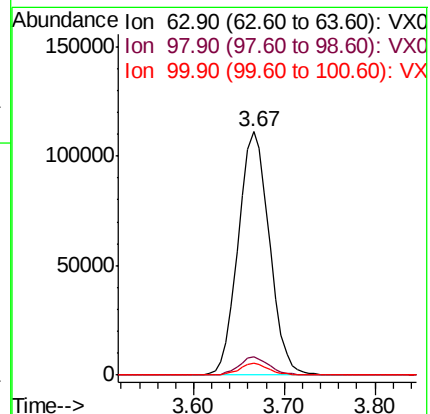
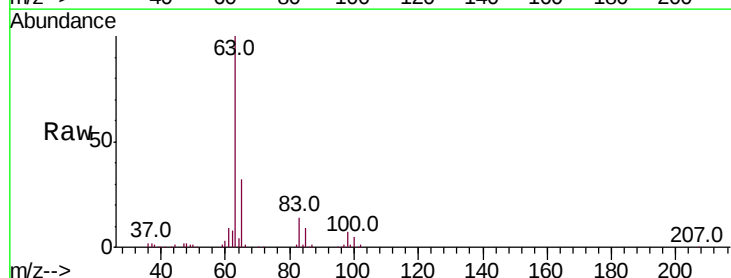
Tgt Ion: 63 Resp: 264964

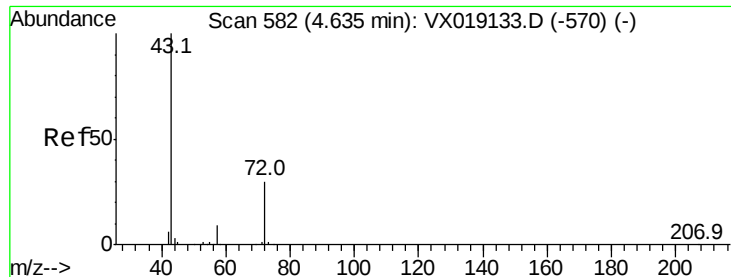
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 272.210 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

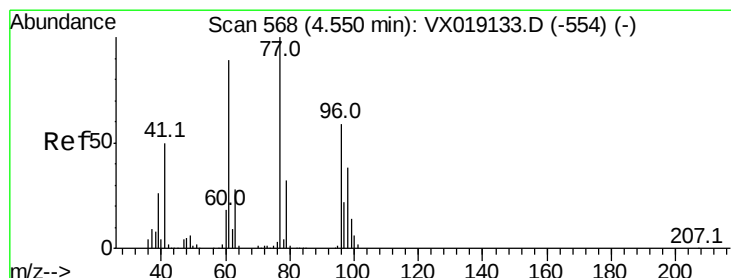
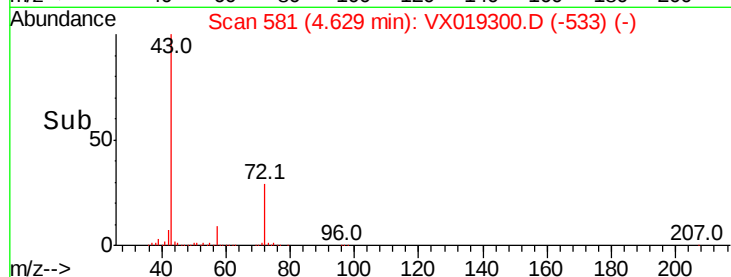
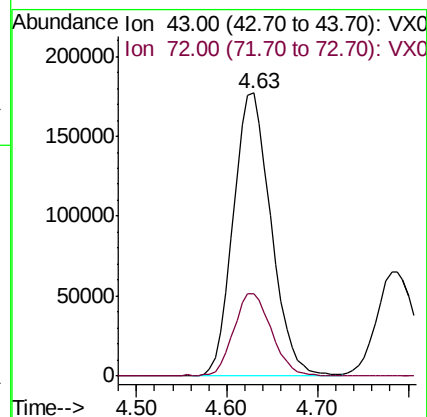
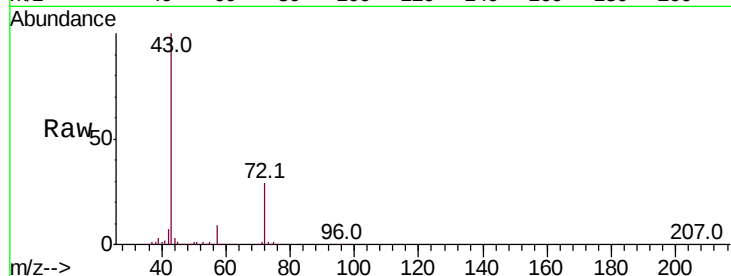
VSTDCCC050

Tot Ion: 43 Resp: 508805

Ion Ratio Lower Upper

43 100

72 29.0 24.6 36.8



#26

2,2-Dichloropropane

Concen: 53.104 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019300.D

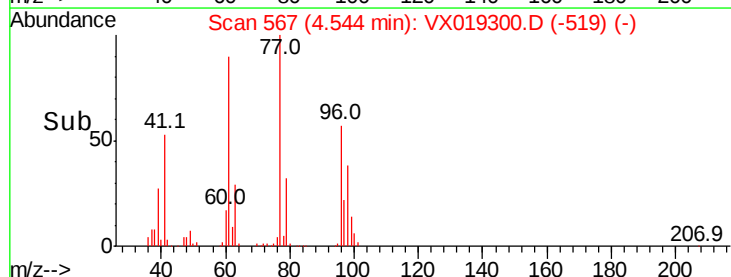
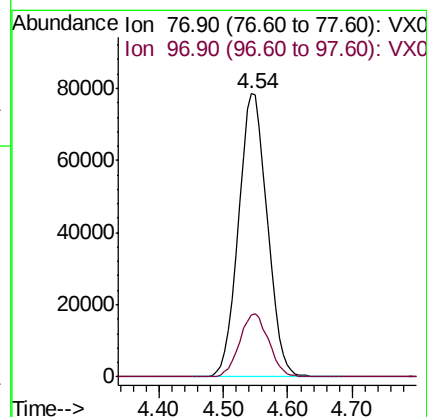
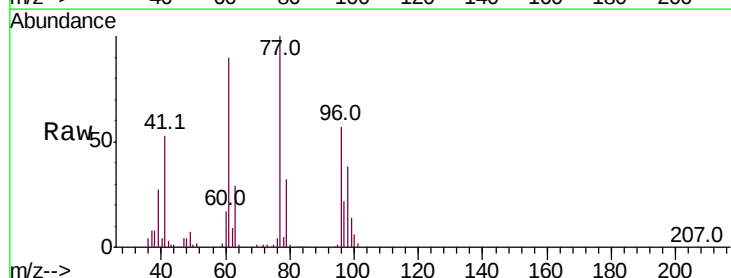
Acq: 05 Nov 2020 09:41

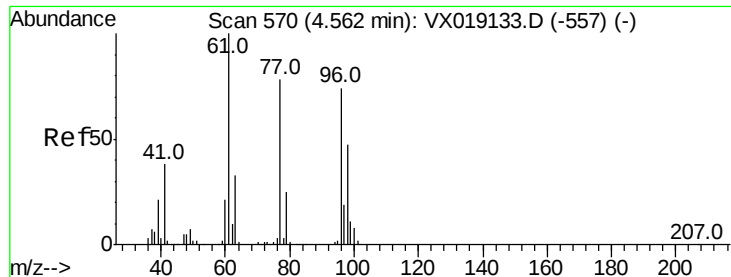
Tgt Ion: 77 Resp: 243186

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1



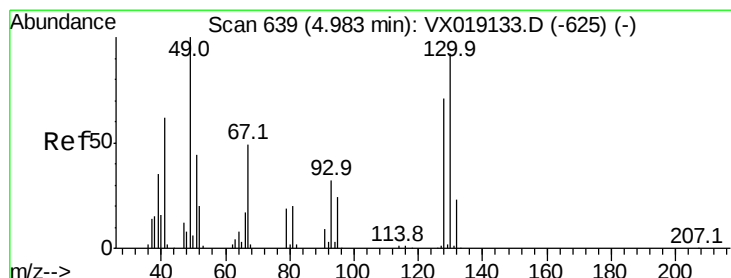
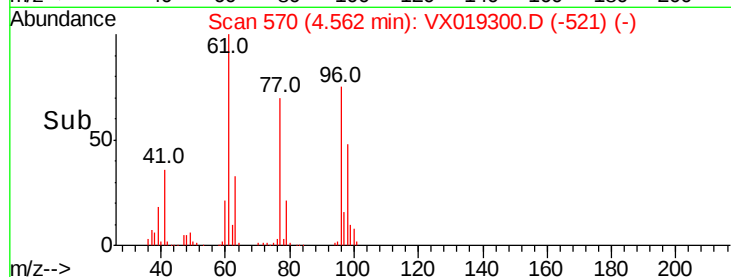
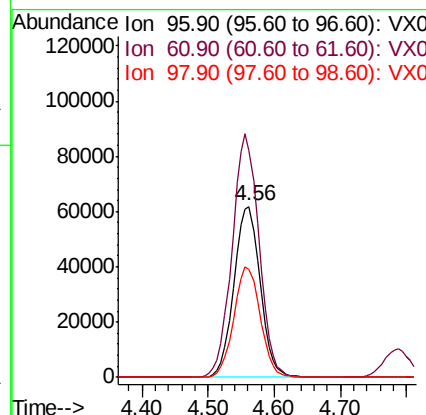
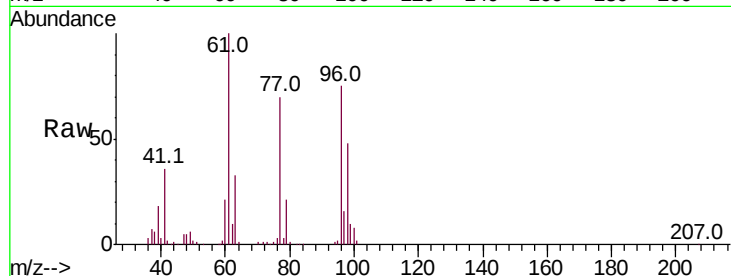


#27

cis-1,2-Dichloroethene
Concen: 51.398 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

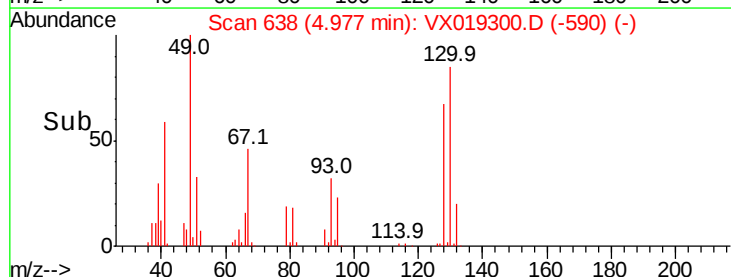
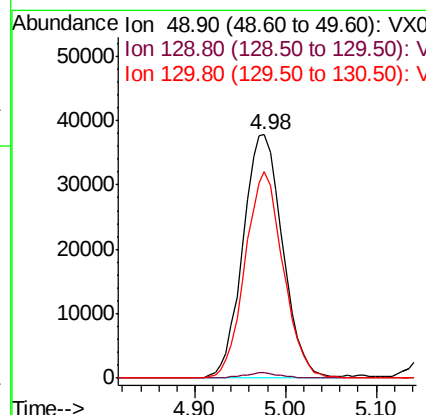
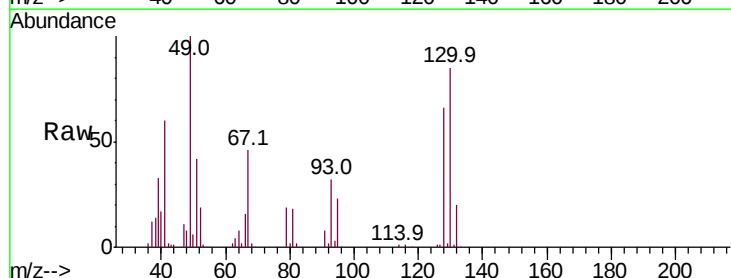
Tot Ion: 96 Resp: 170788
Ion Ratio Lower Upper
96 100
61 145.6 0.0 278.8
98 64.9 0.0 130.2

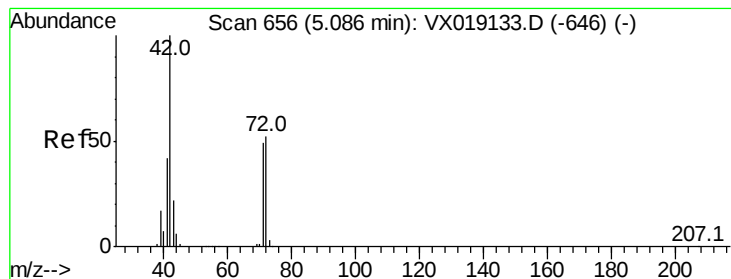


#28

Bromochloromethane
Concen: 51.775 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion: 49 Resp: 114657
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.4
130 81.4 71.3 106.9





#29

Tetrahydrofuran

Concen: 265.736 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

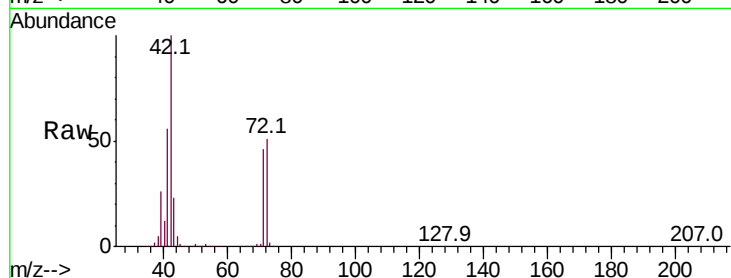
Tot Ion: 42 Resp: 313019

Ion Ratio Lower Upper

42 100

72 51.4 42.6 63.8

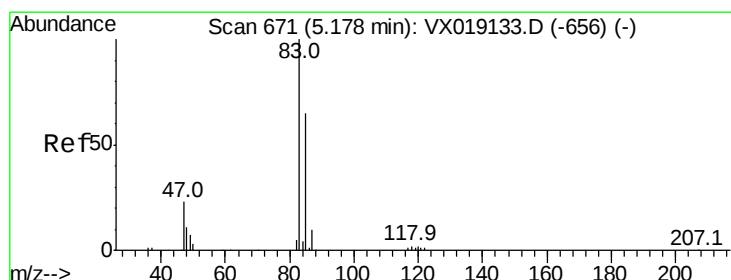
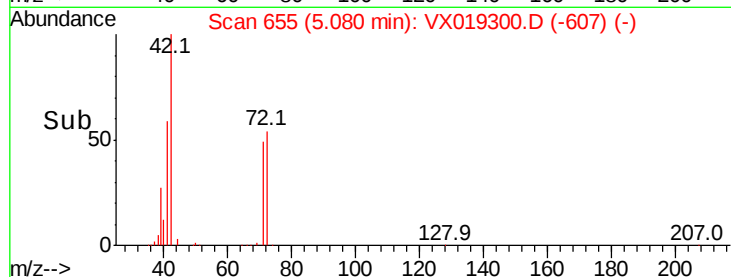
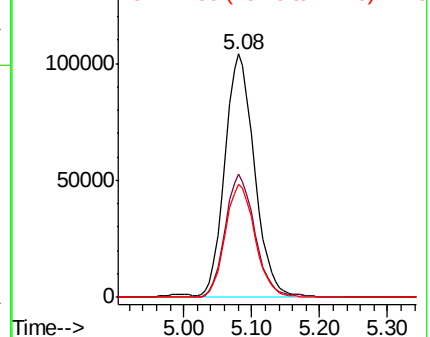
71 47.1 39.7 59.5



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.327 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019300.D

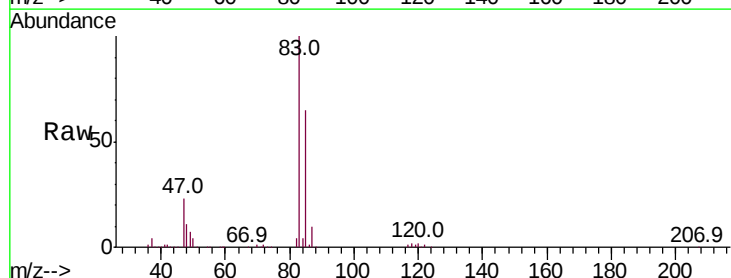
Acq: 05 Nov 2020 09:41

Tgt Ion: 83 Resp: 276504

Ion Ratio Lower Upper

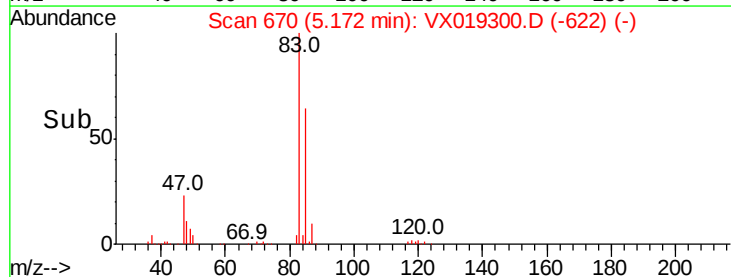
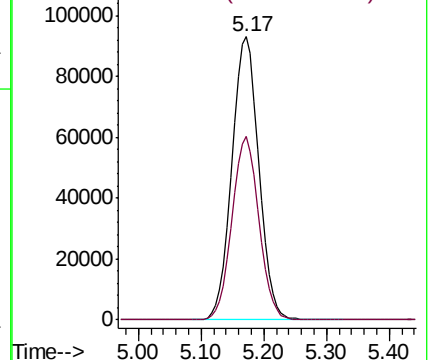
83 100

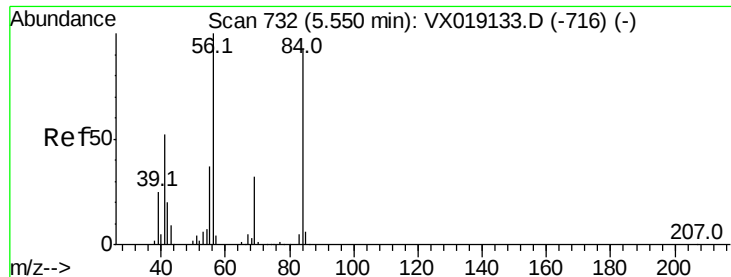
85 64.9 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

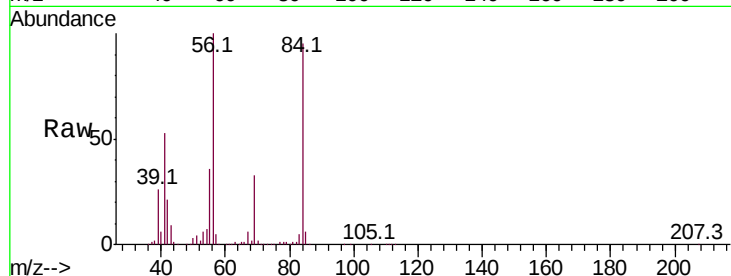




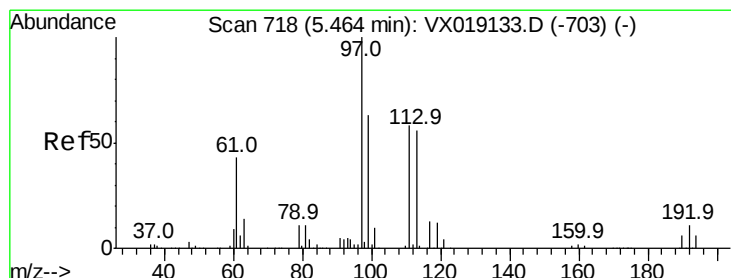
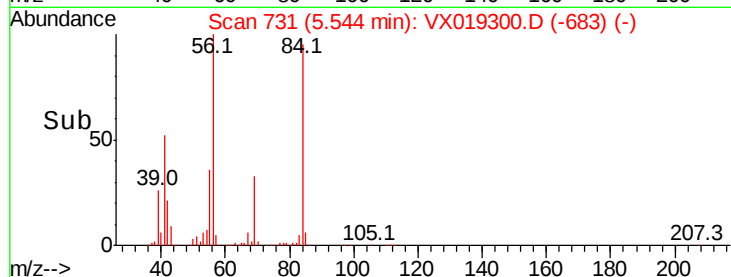
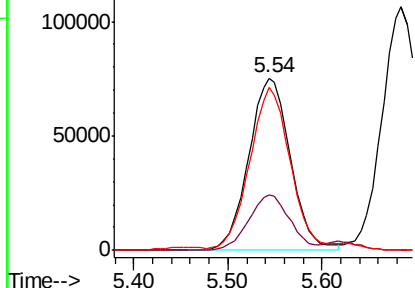
#31
Cyclohexane
Concen: 53.518 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 56 Resp: 232575
Ion Ratio Lower Upper
56 100
69 32.5 25.9 38.9
84 93.0 73.4 110.2

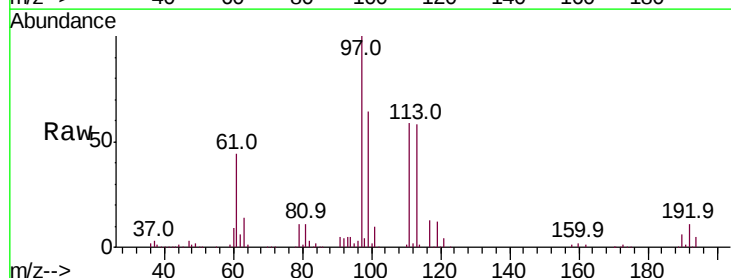


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

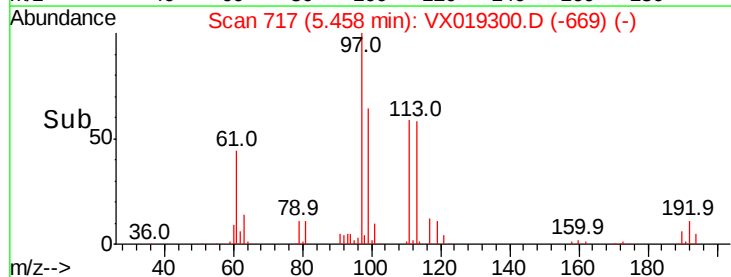
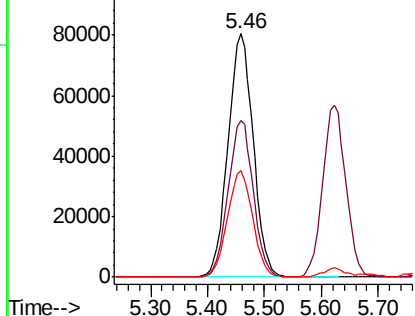


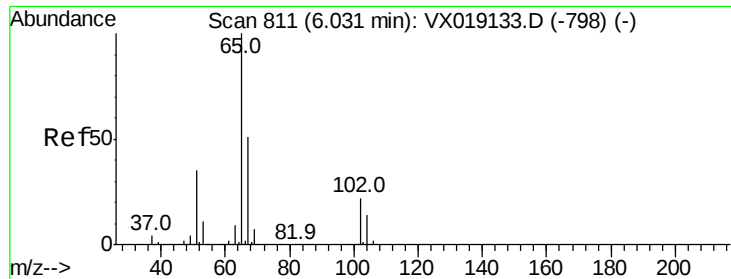
#32
1,1,1-Trichloroethane
Concen: 52.837 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion: 97 Resp: 248381
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 43.9 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

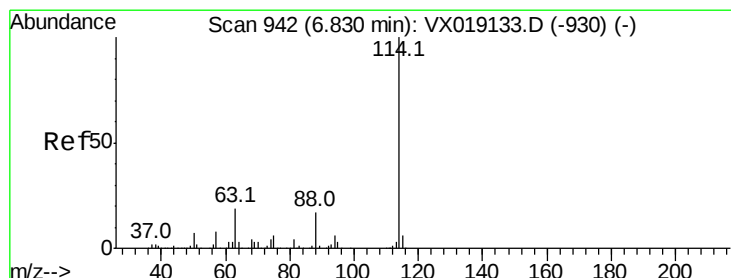
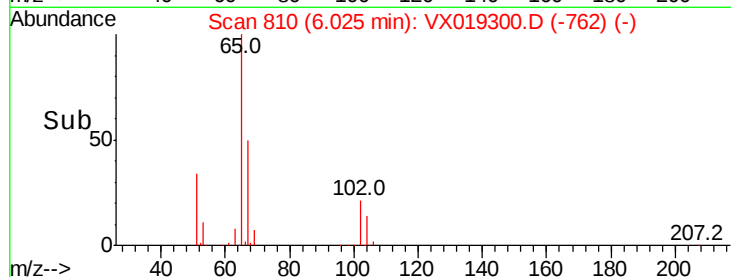
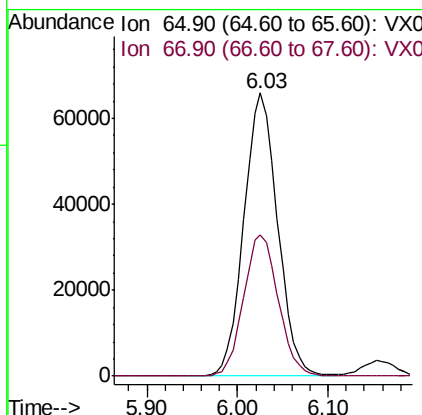
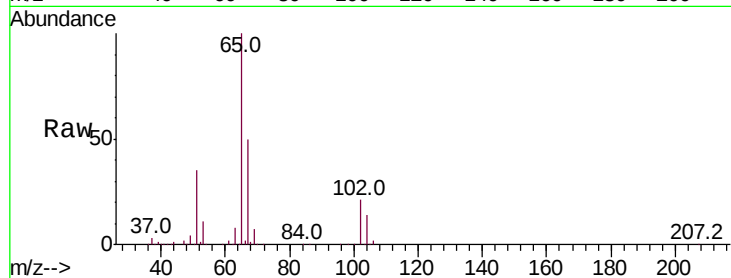




#33
 1,2-Dichloroethane-d4
 Concen: 49.236 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

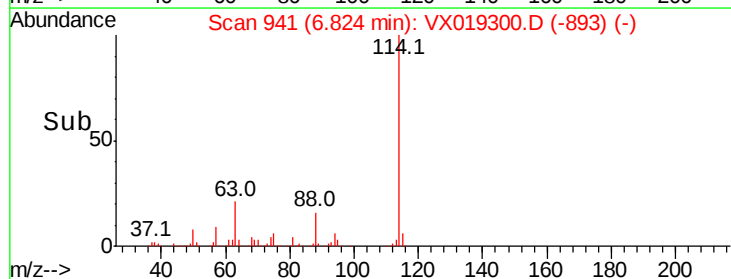
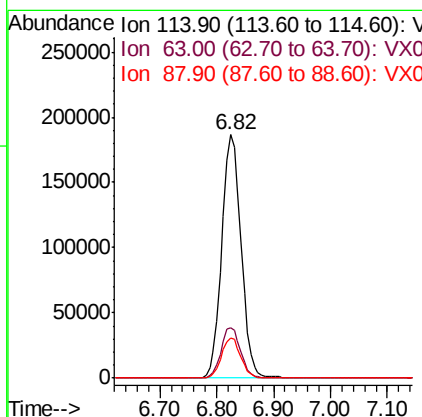
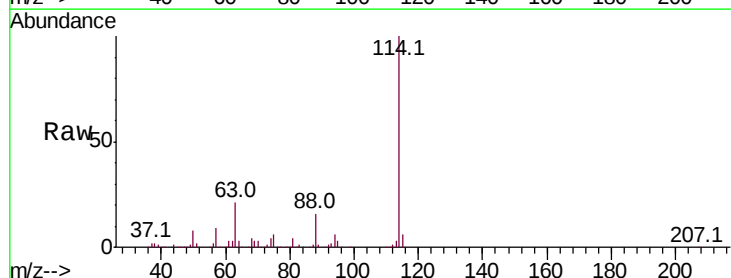
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

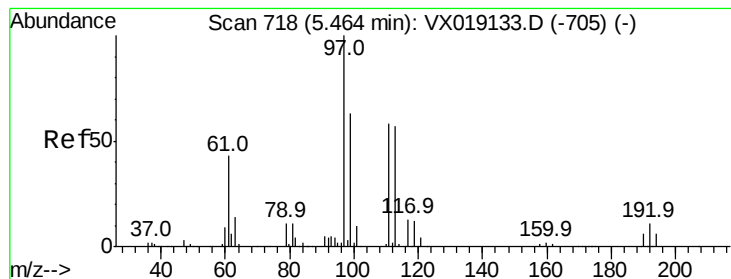
Tot Ion: 65 Resp: 169269
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion: 114 Resp: 440883
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.8
 88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 47.958 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

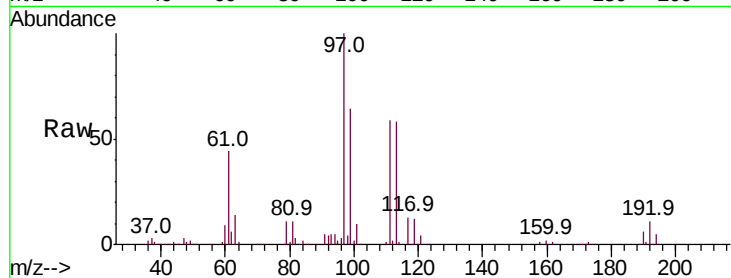
Tot Ion:113 Resp: 132812

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

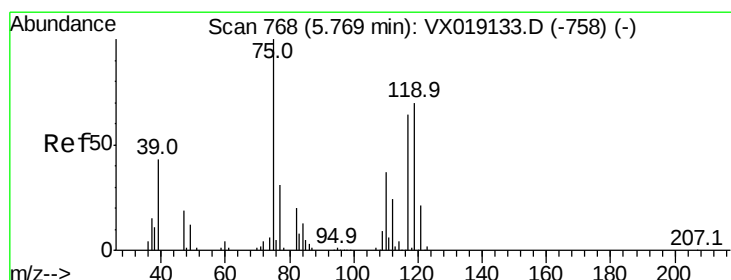
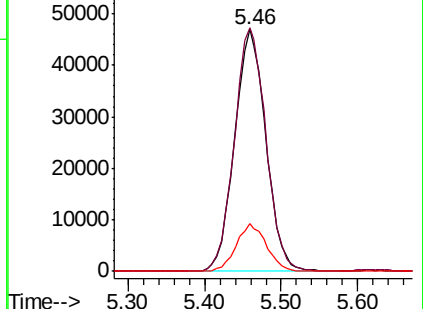
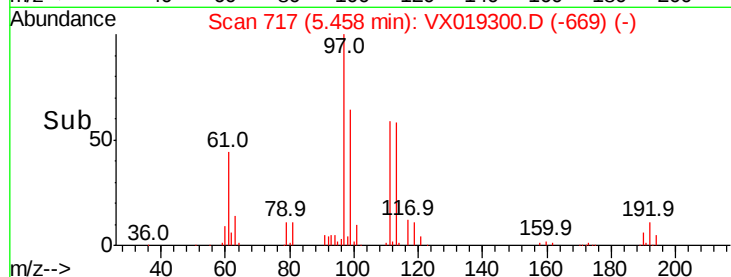
192 18.9 16.2 24.2



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: 52.327 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

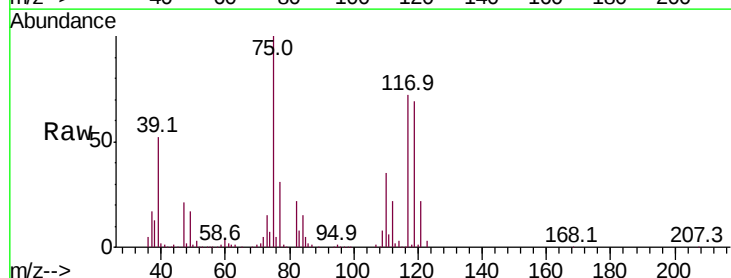
Tgt Ion: 75 Resp: 213034

Ion Ratio Lower Upper

75 100

110 35.4 18.3 54.9

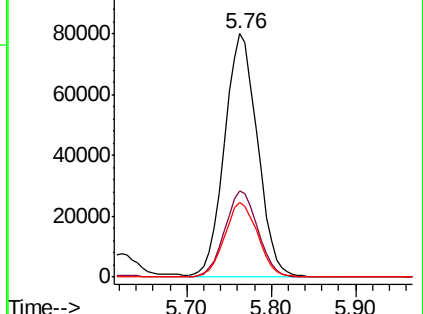
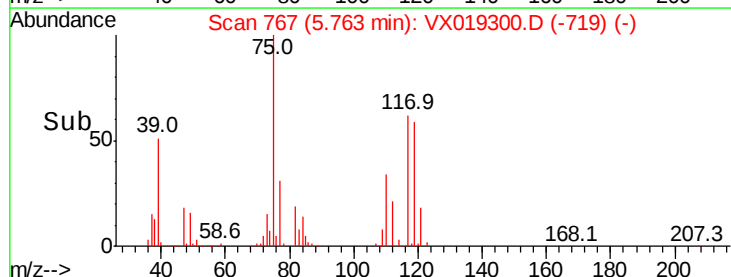
77 30.6 24.9 37.3

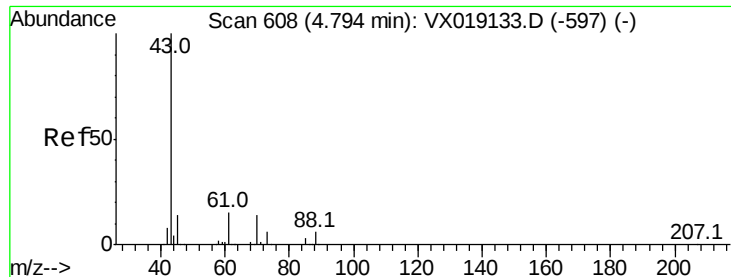


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

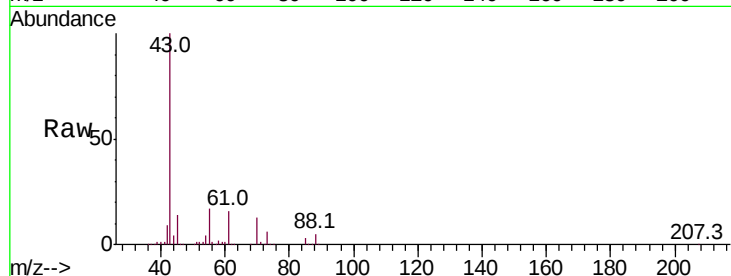




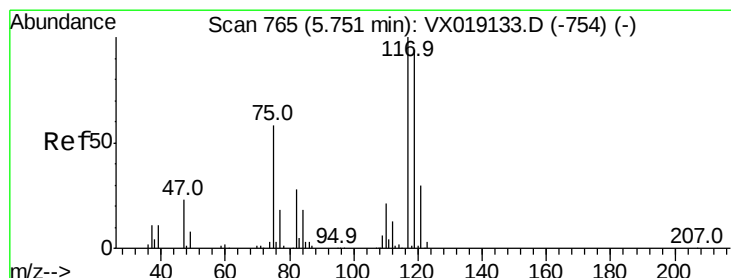
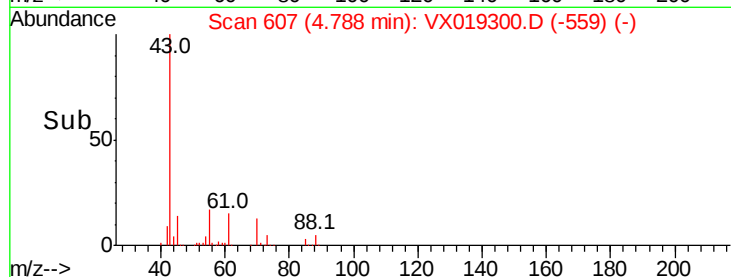
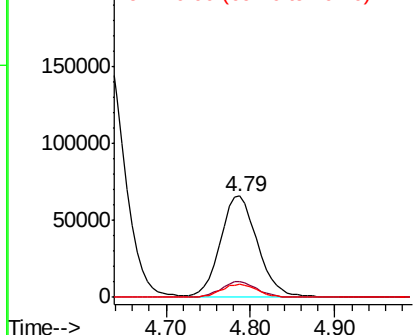
#37
Ethyl Acetate
Concen: 51.568 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	194927
Ion Ratio	100	Lower	Upper
61	15.2	12.5	18.7
70	12.9	10.5	15.7

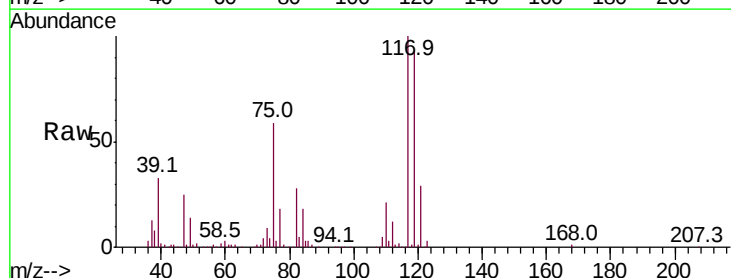


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

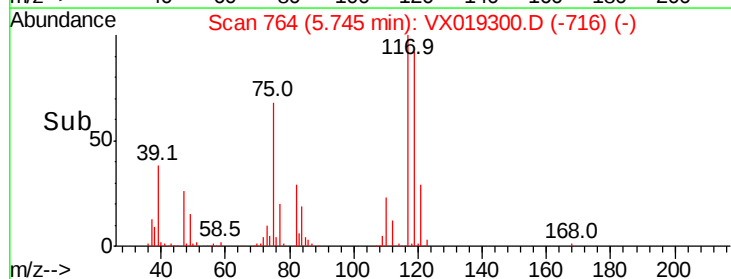
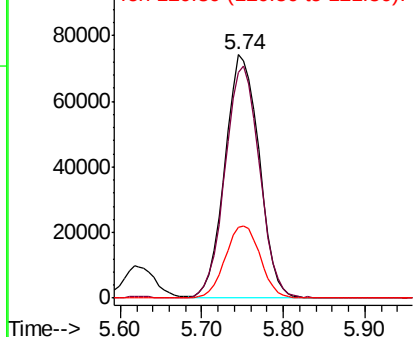


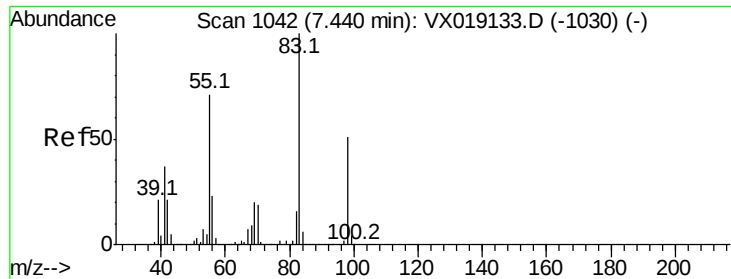
#38
Carbon Tetrachloride
Concen: 52.007 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	117	Resp	215817
Ion Ratio	100	Lower	Upper
119	92.6	75.0	112.6
121	29.2	23.9	35.9



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

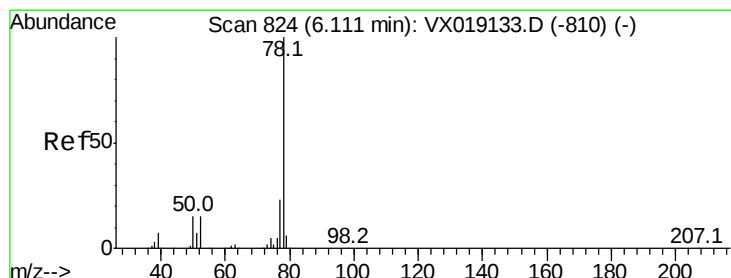
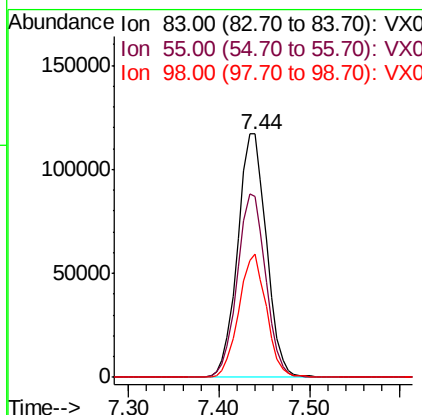
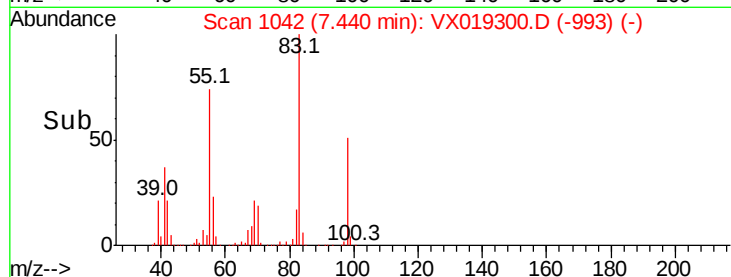
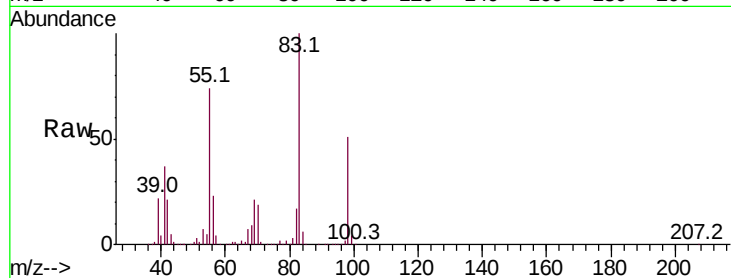




#39
Methvlcvclohexane
Concen: 52.988 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

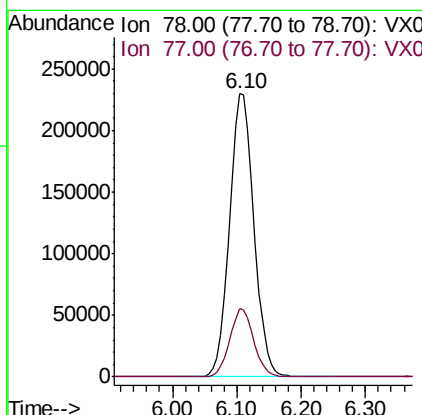
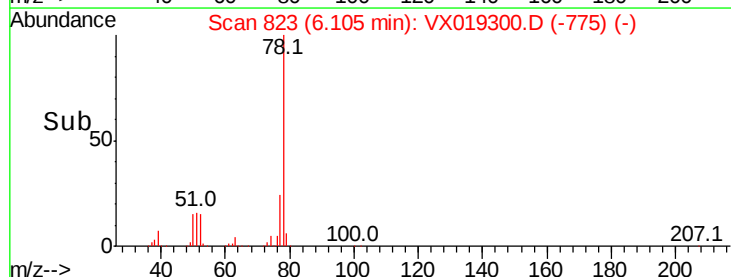
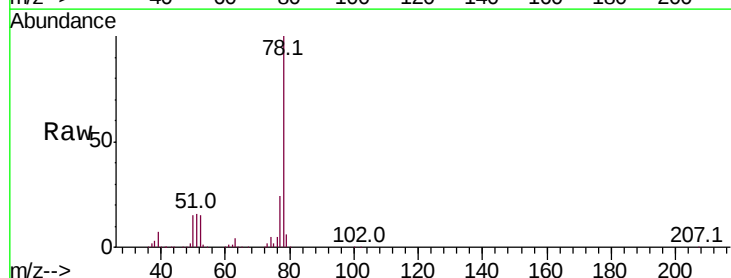
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

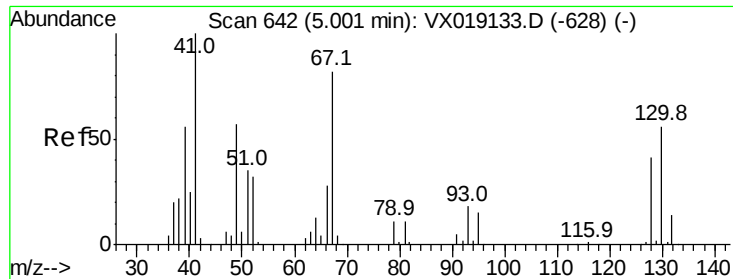
Tot Ion: 83 Resp: 257947
Ion Ratio Lower Upper
83 100
55 74.1 57.0 85.6
98 50.6 40.5 60.7



#40
Benzene
Concen: 53.011 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion: 78 Resp: 611914
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1

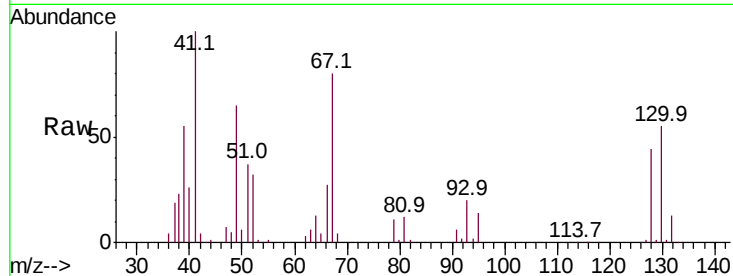




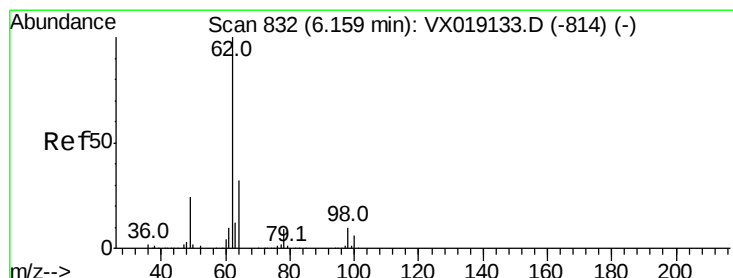
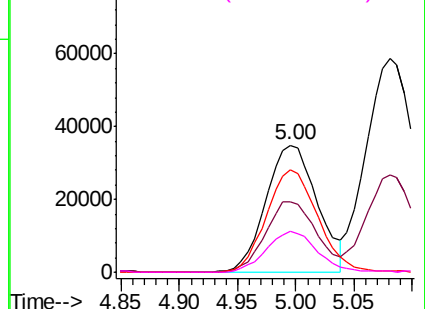
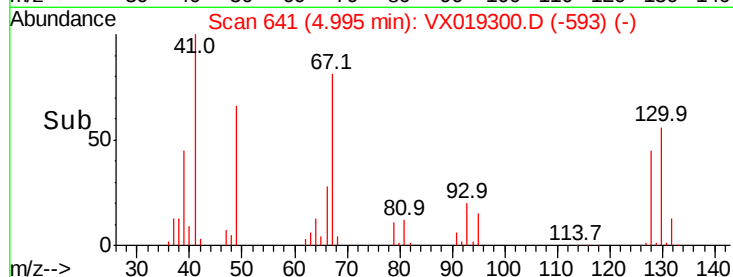
#41
Methacrylonitrile
Concen: 52.626 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	107130
Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.4	66.6
67	80.4	66.4	99.6
52	31.3	26.2	39.4

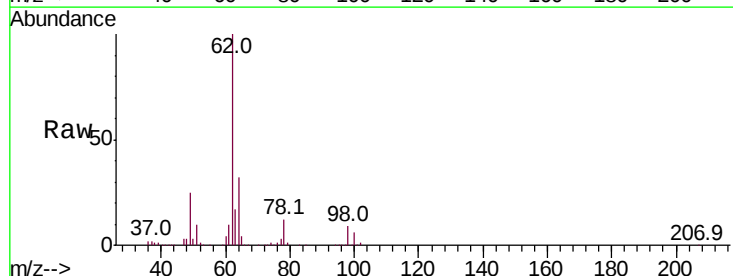


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

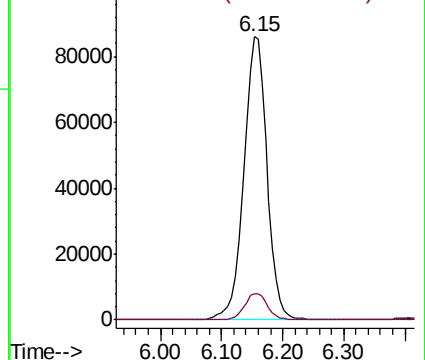
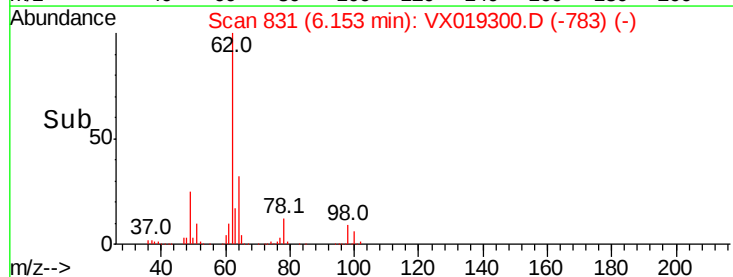


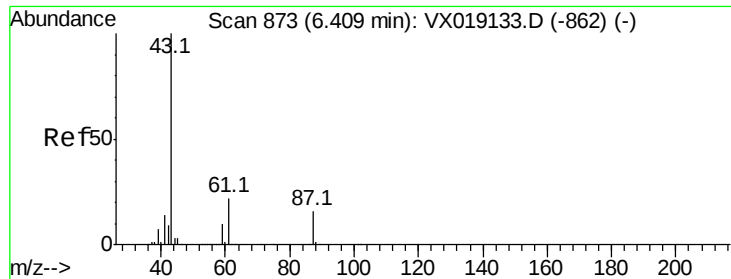
#42
1,2-Dichloroethane
Concen: 52.959 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion:	62	Resp:	225298
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0



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



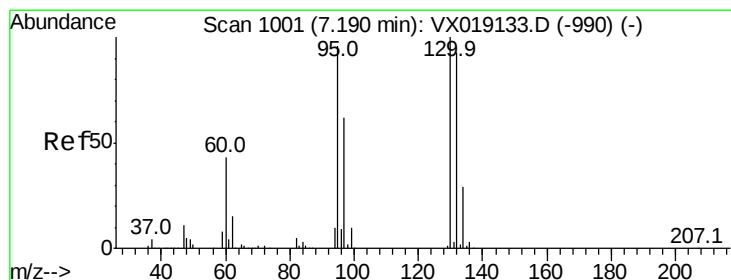
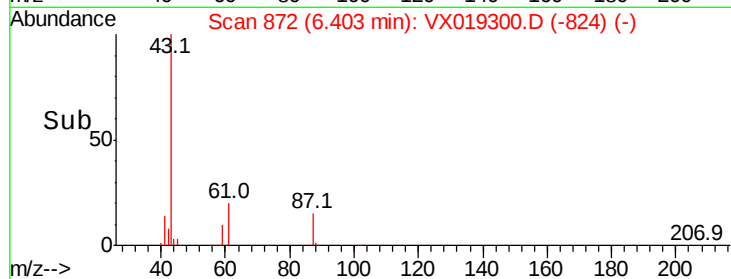
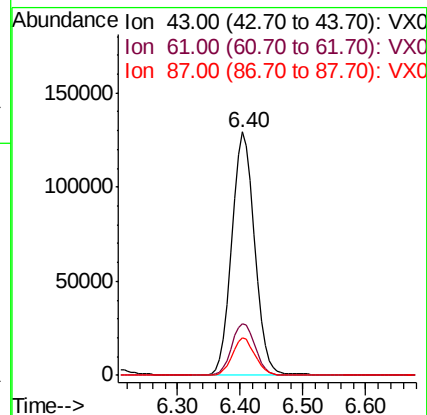
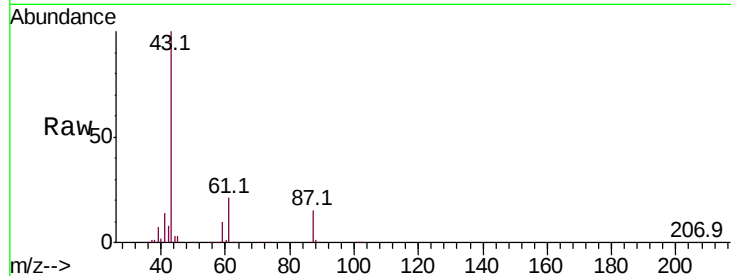


#43

Isopropyl Acetate
 Concen: 51.555 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

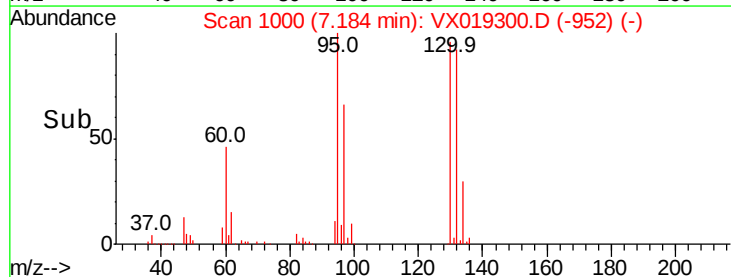
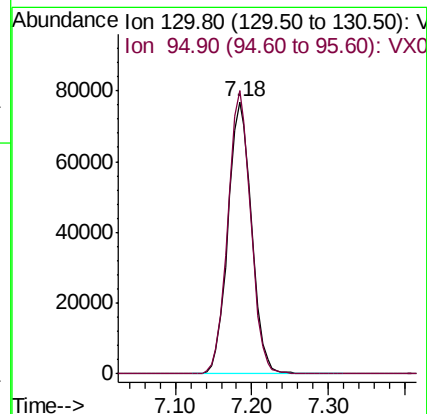
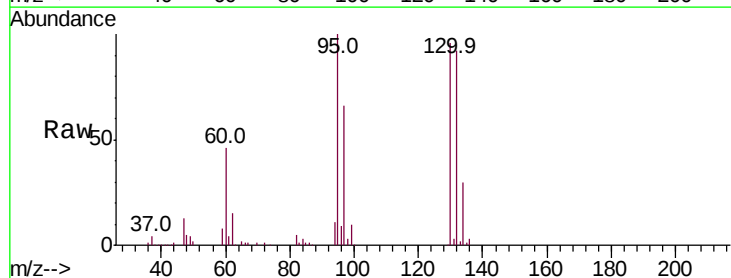
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.8	26.6
87	15.0	12.6	19.0

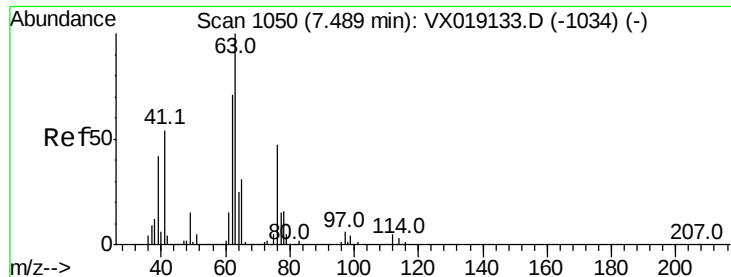


#44

Trichloroethene
 Concen: 49.526 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	192.0





#45

1,2-Dichloropropane

Concen: 55.043 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

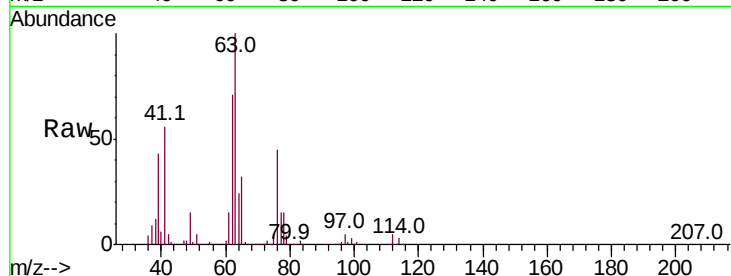
VSTDCCC050

Tot Ion: 63 Resp: 155624

Ion Ratio Lower Upper

63 100

65 32.0 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.48

80000

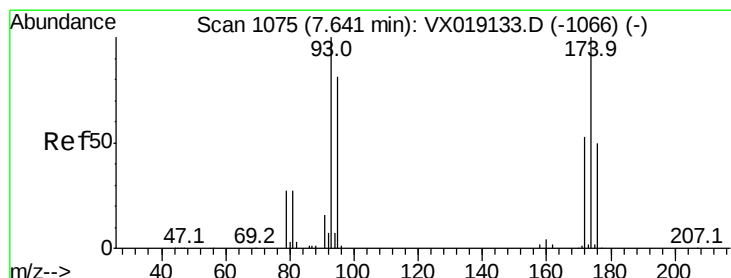
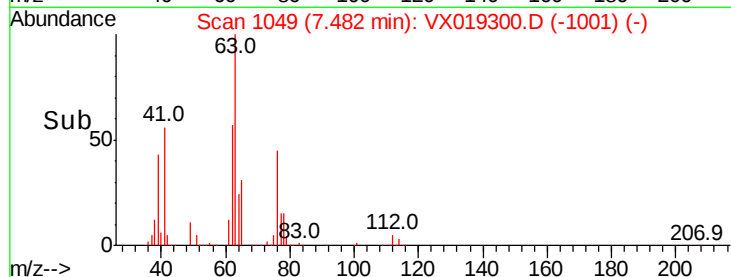
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 50.776 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

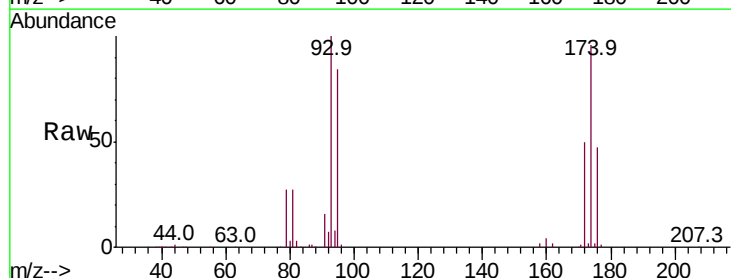
Tgt Ion: 93 Resp: 106158

Ion Ratio Lower Upper

93 100

95 84.0 67.0 100.6

174 97.2 81.7 122.5



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

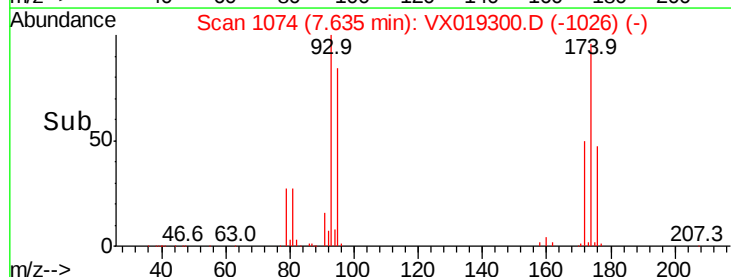
60000

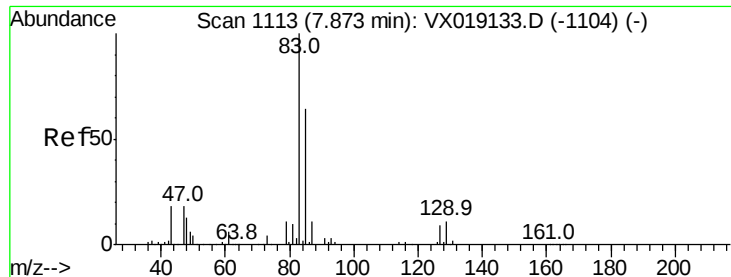
40000

20000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 53.118 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

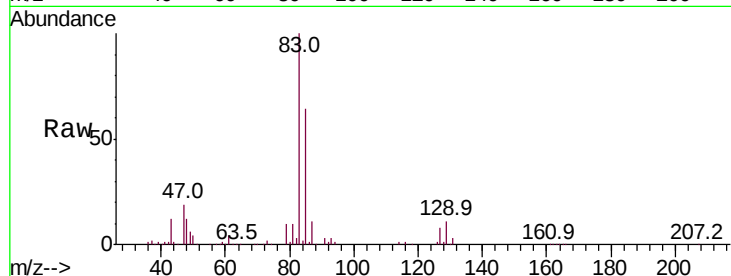
Tot Ion: 83 Resp: 218893

Ion Ratio Lower Upper

83 100

85 63.7 51.2 76.8

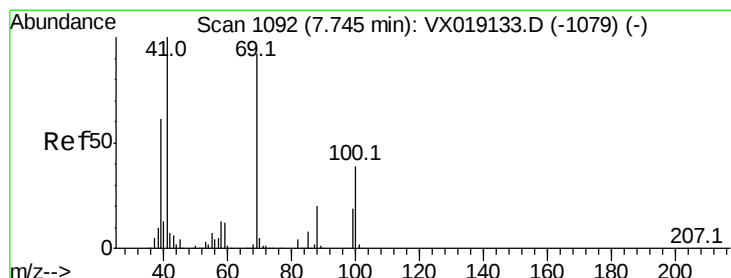
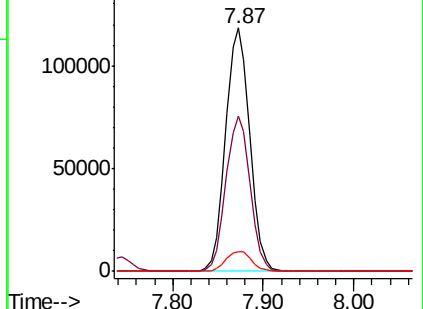
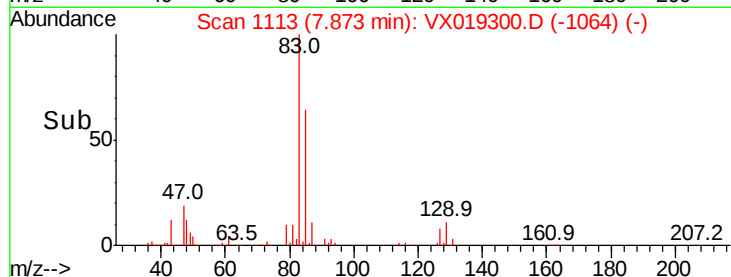
127 8.3 7.1 10.7



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: 52.844 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

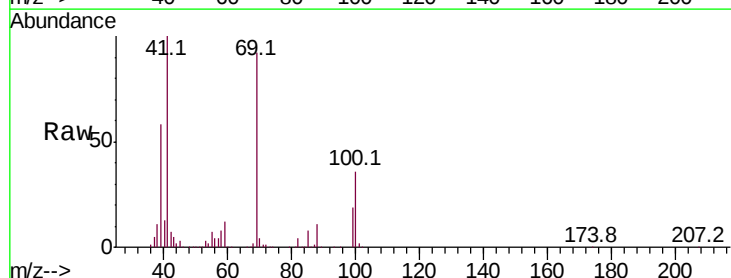
Tgt Ion: 41 Resp: 160984

Ion Ratio Lower Upper

41 100

69 92.7 75.5 113.3

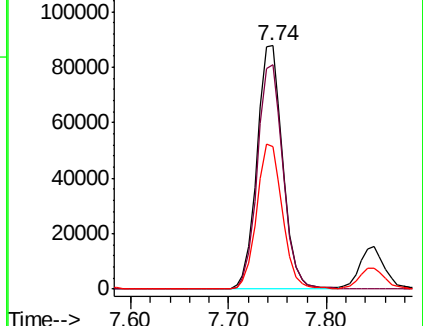
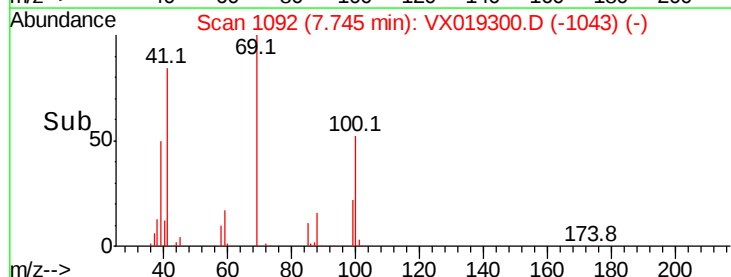
39 59.4 48.9 73.3

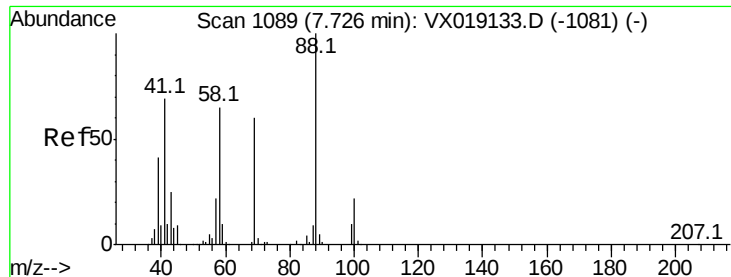


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

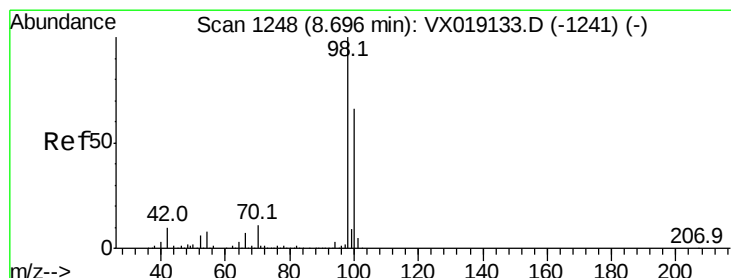
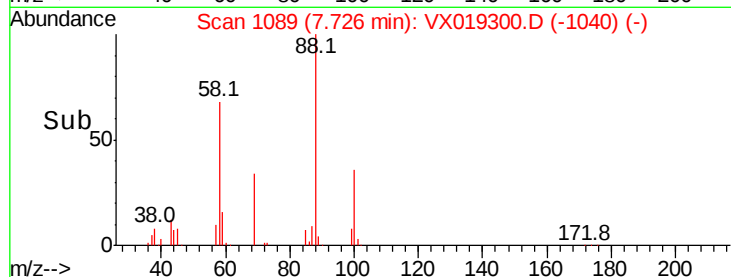
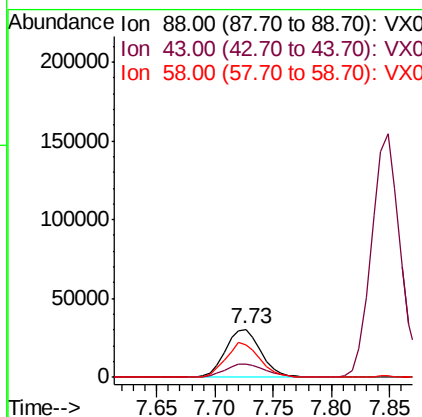
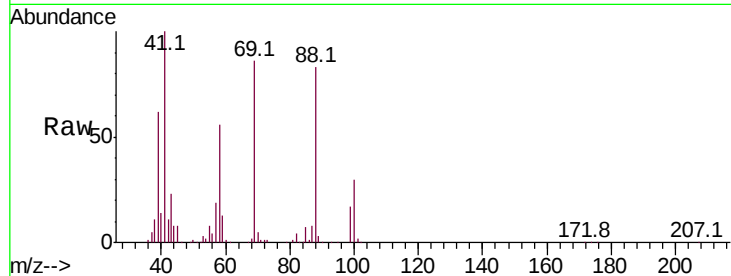




#49
1,4-Dioxane
Concen: 953.677 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

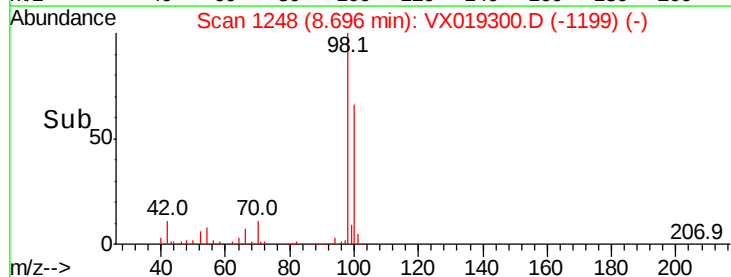
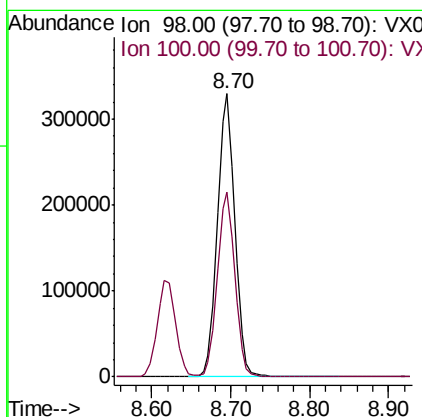
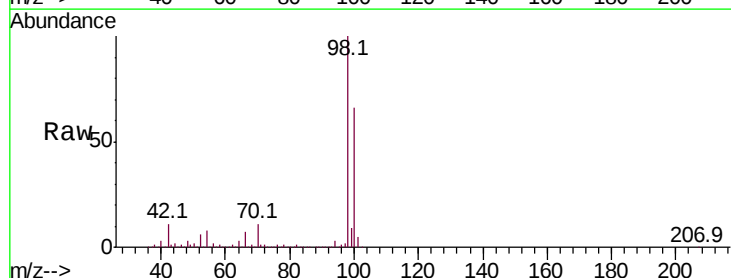
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

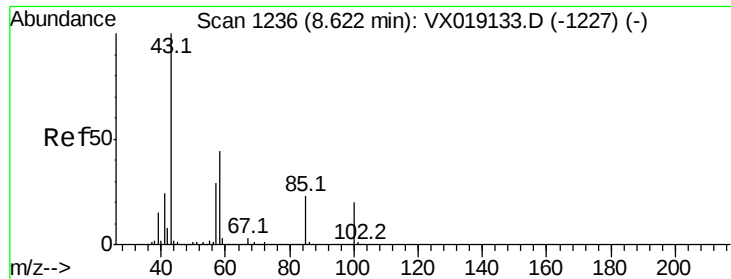
Tot Ion: 88 Resp: 64610
Ion Ratio Lower Upper
88 100
43 31.0 23.0 34.6
58 69.8 52.2 78.2



#50
Toluene-d8
Concen: 48.725 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion: 98 Resp: 508665
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 268.656 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

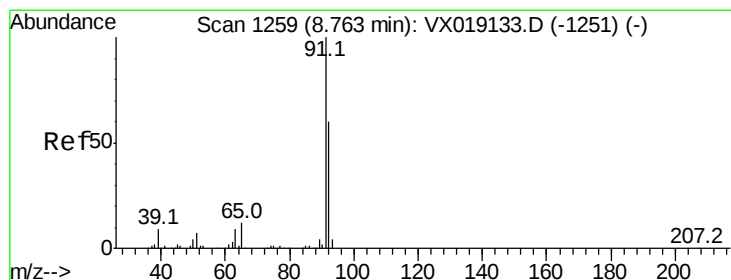
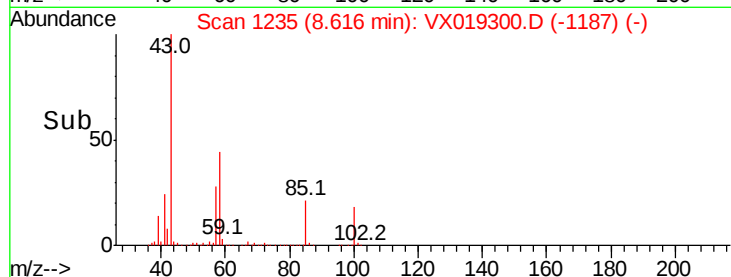
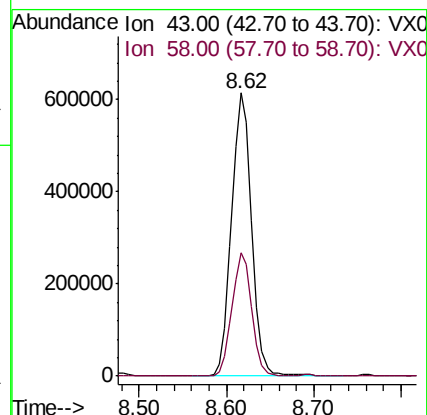
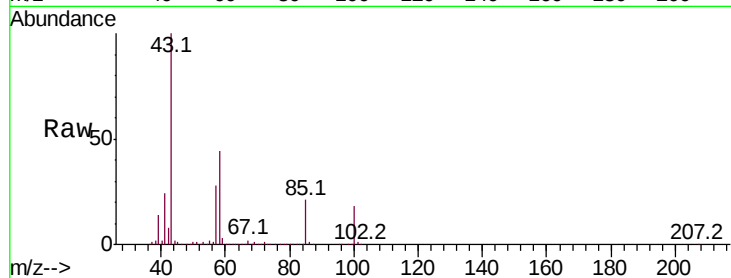
VSTDCCC050

Tot Ion: 43 Resp: 977319

Ion Ratio Lower Upper

43 100

58 43.1 35.0 52.4



#52

Toluene

Concen: 52.703 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019300.D

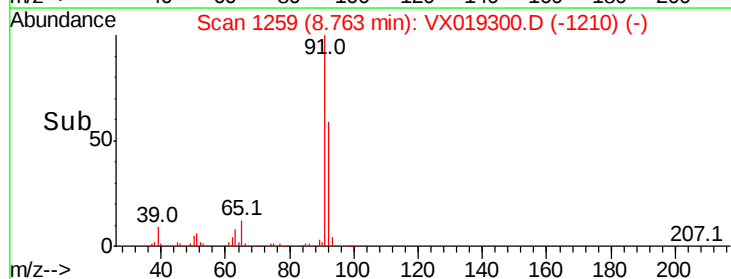
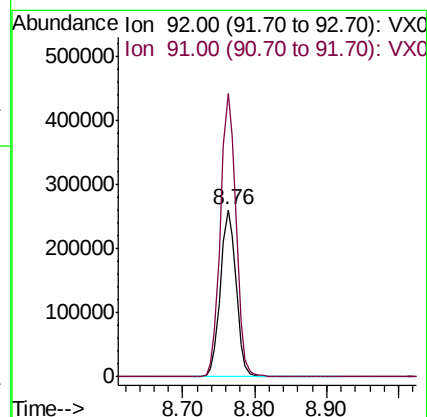
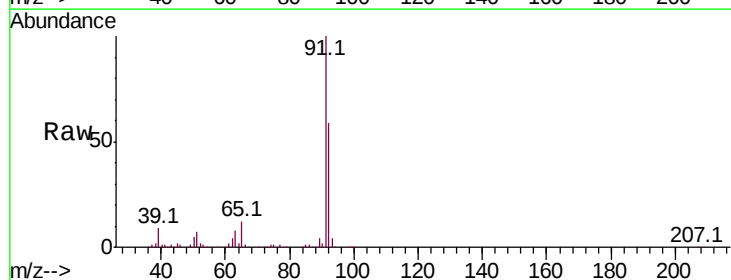
Acq: 05 Nov 2020 09:41

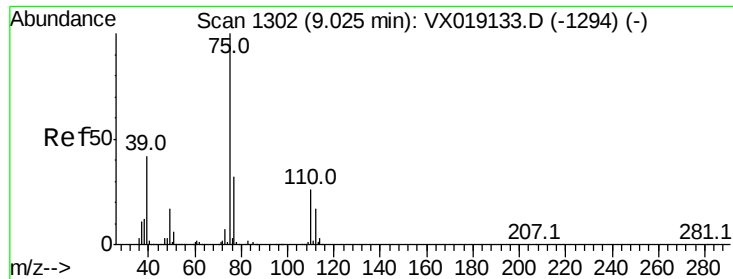
Tgt Ion: 92 Resp: 391824

Ion Ratio Lower Upper

92 100

91 169.2 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 51.560 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

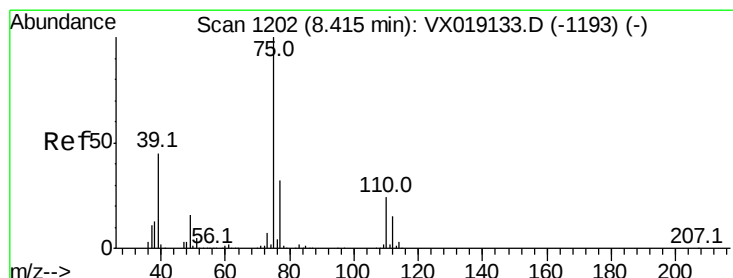
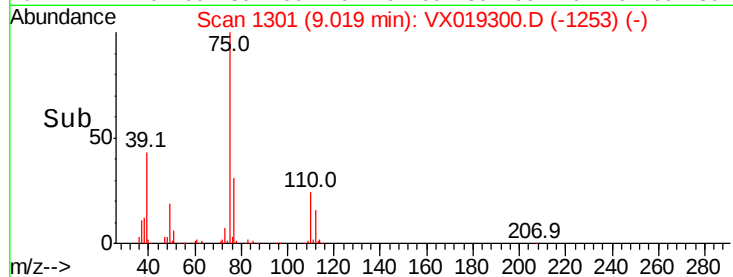
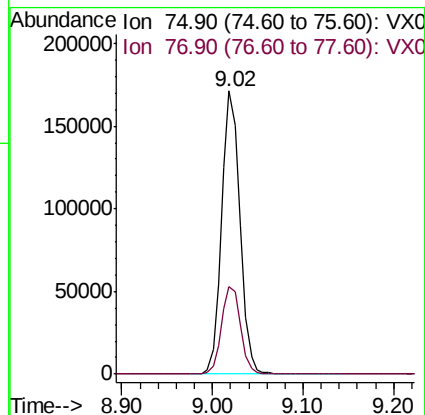
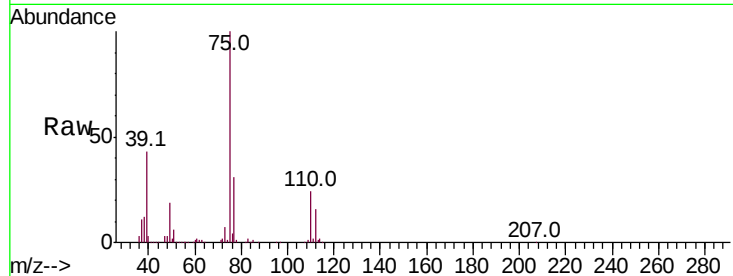
VSTDCCC050

Tot Ion: 75 Resp: 242684

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.913 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

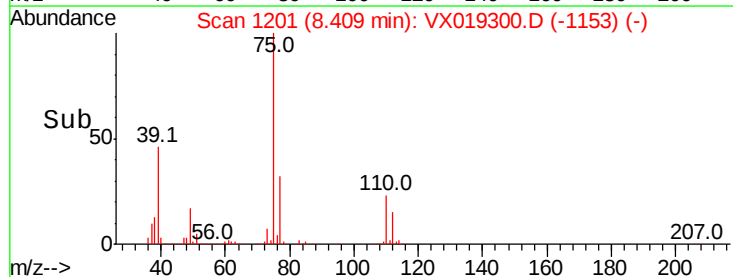
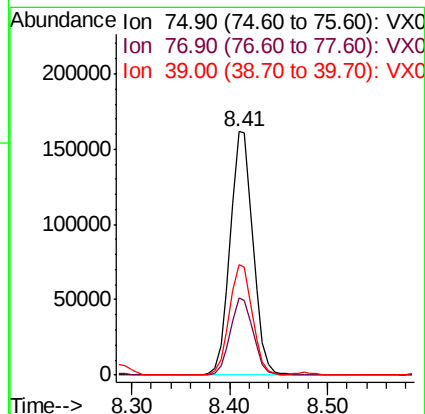
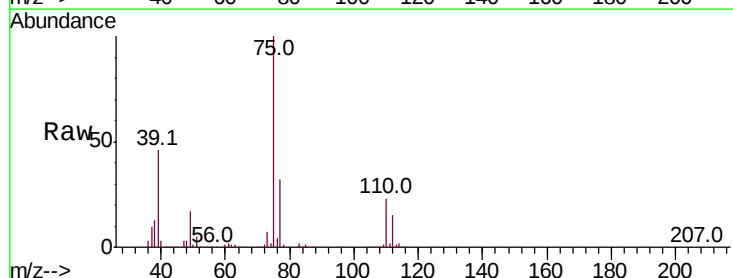
Tgt Ion: 75 Resp: 261894

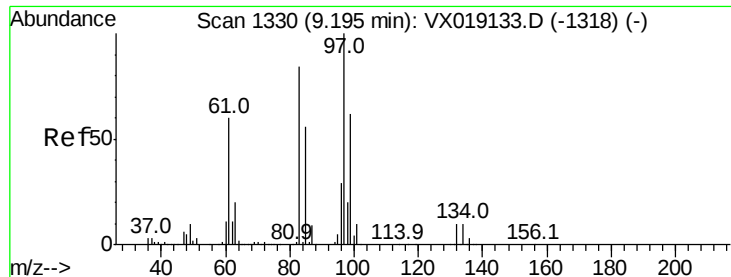
Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

39 45.5 36.2 54.2

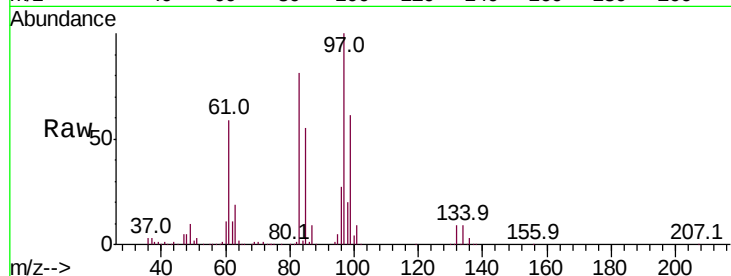




#55
 1,1,2-Trichloroethane
 Concen: 51.818 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	152214
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.2	100.8
85	54.7	44.6	67.0
99	60.6	49.4	74.0



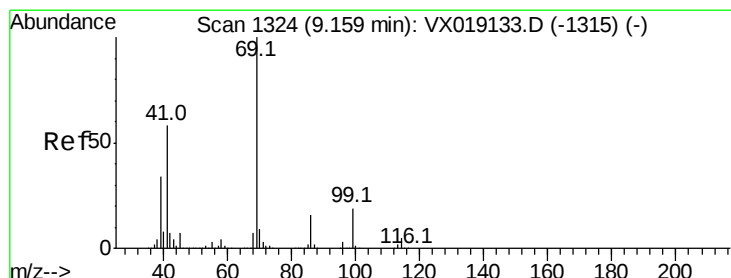
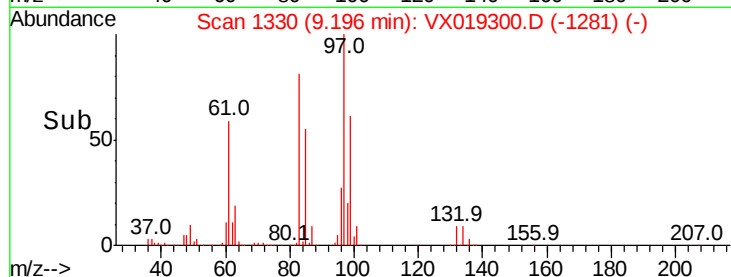
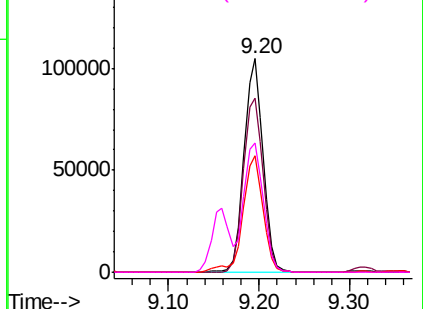
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

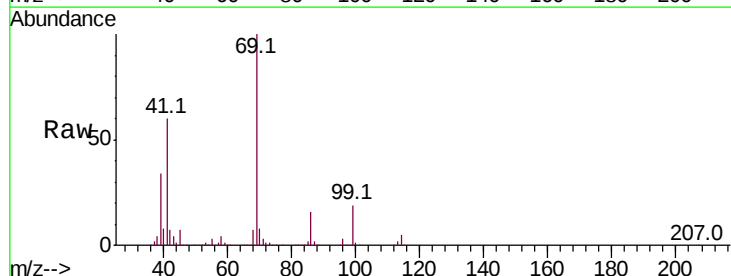
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 52.438 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion:	69	Resp:	232663
Ion	Ratio	Lower	Upper
69	100		
41	61.2	46.5	69.7
39	35.1	27.6	41.4

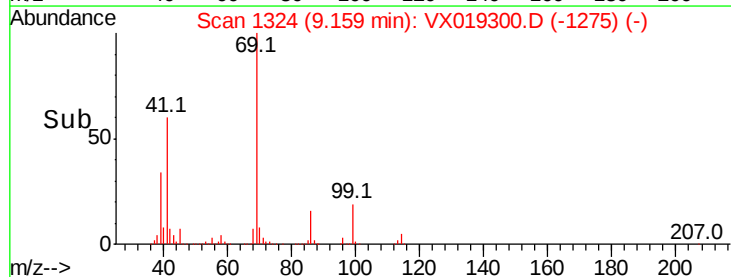
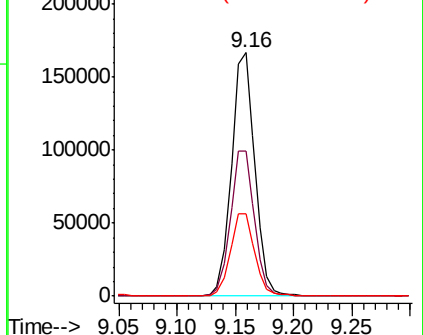


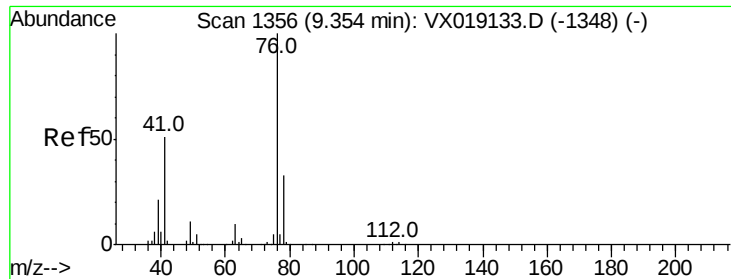
Abundance

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: 52.269 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

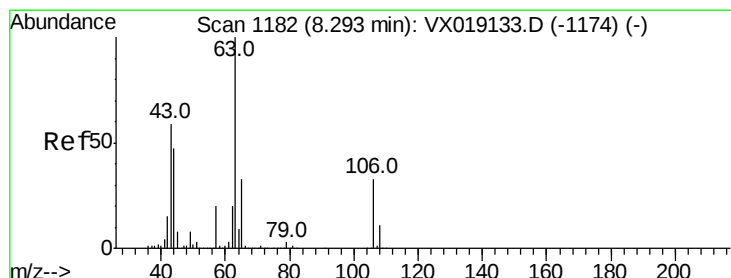
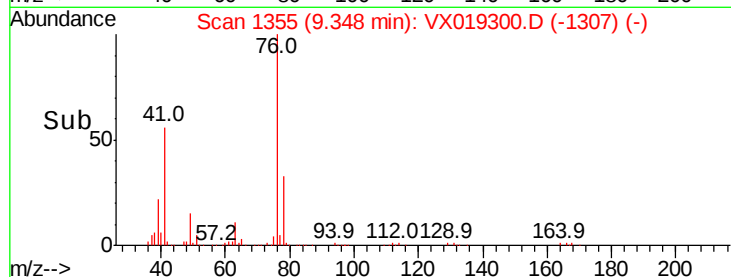
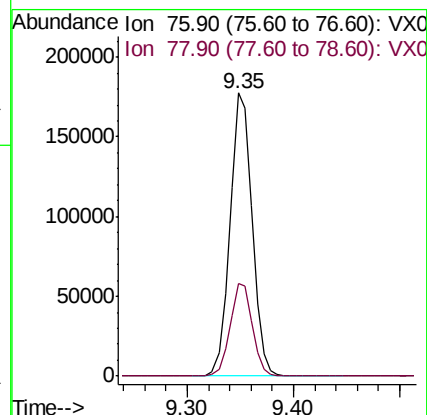
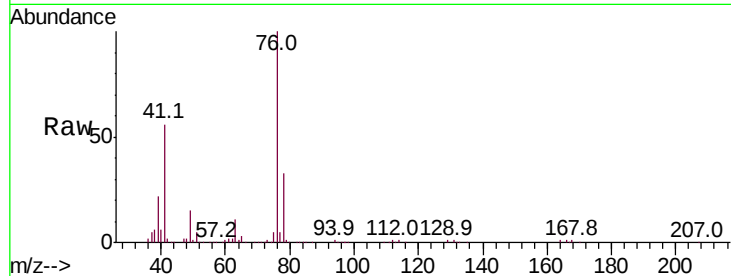
VSTDCCC050

Tot Ion: 76 Resp: 258865

Ion Ratio Lower Upper

76 100

78 32.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 234.044 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019300.D

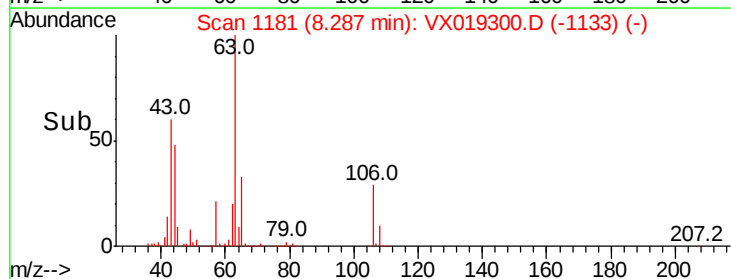
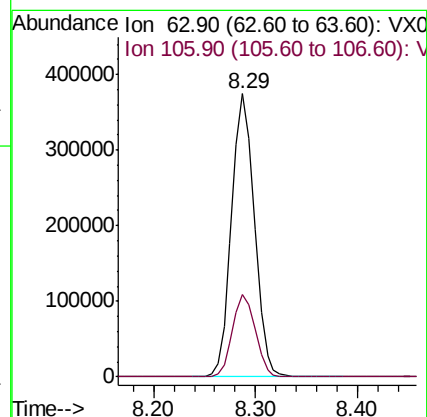
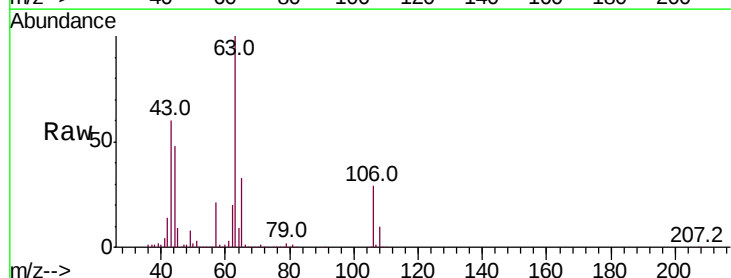
Acq: 05 Nov 2020 09:41

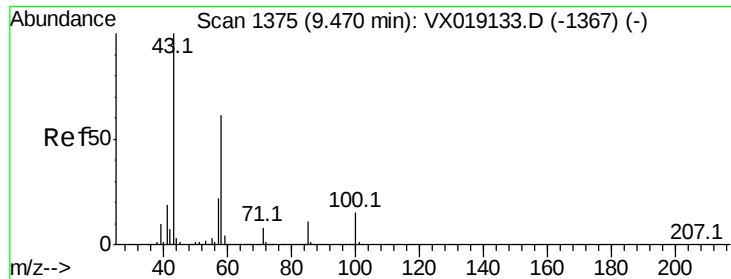
Tgt Ion: 63 Resp: 580758

Ion Ratio Lower Upper

63 100

106 29.3 25.1 37.7

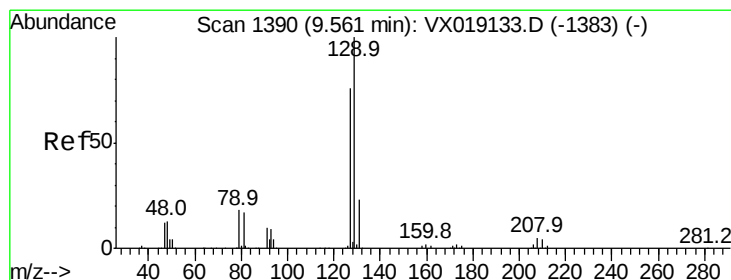
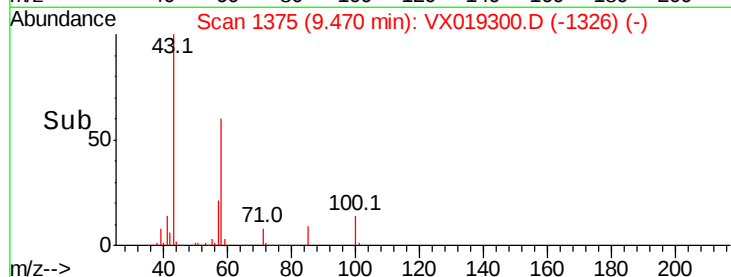
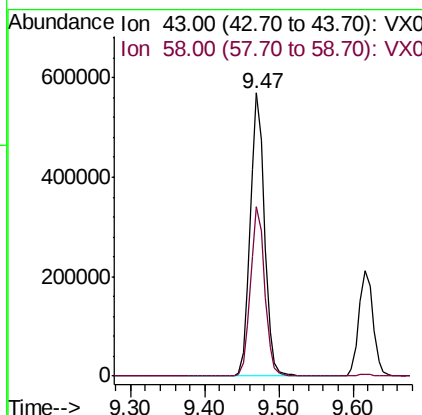
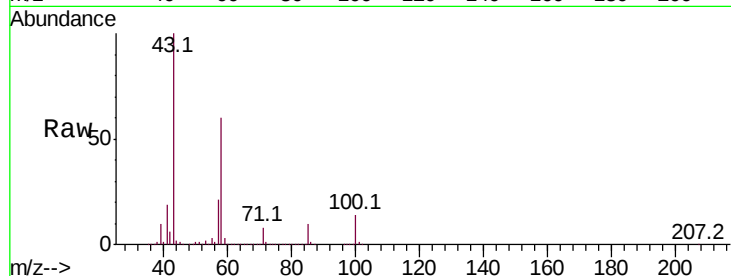




#59
2-Hexanone
Concen: 277.049 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

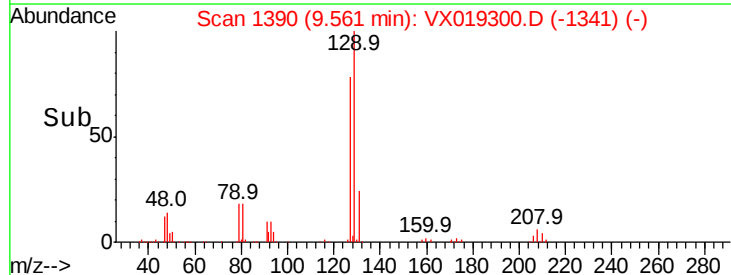
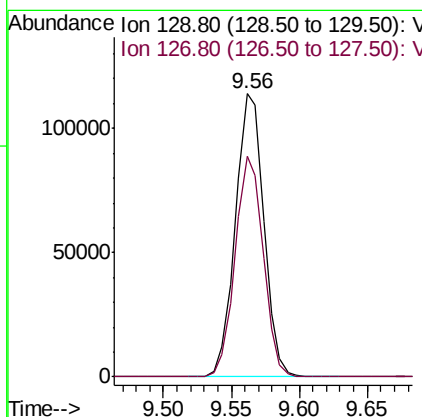
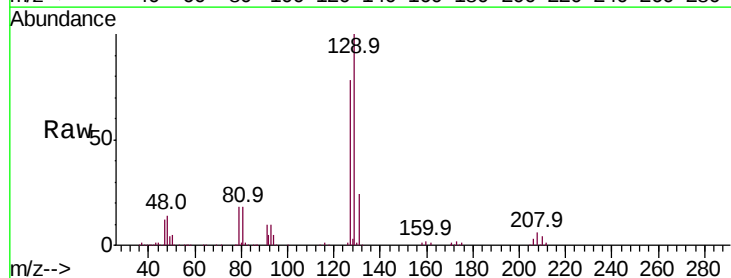
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

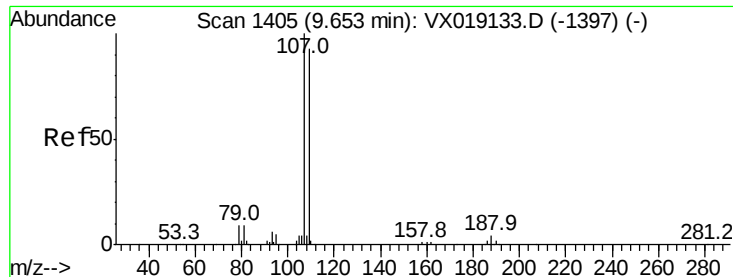
Tot Ion: 43 Resp: 767186
Ion Ratio Lower Upper
43 100
58 59.8 30.5 91.5



#60
Dibromochloromethane
Concen: 52.077 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion: 129 Resp: 166017
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.860 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

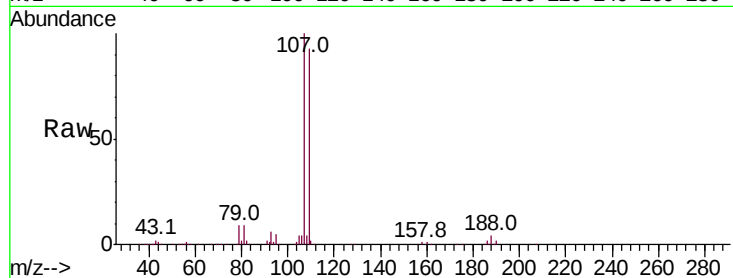
VSTDCCC050

Tot Ion:107 Resp: 159762

Ion Ratio Lower Upper

107 100

109 93.0 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

60000

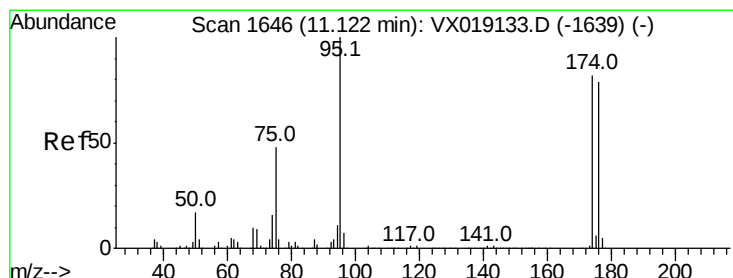
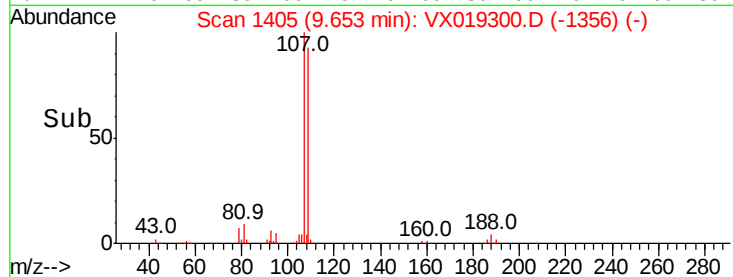
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 49.087 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

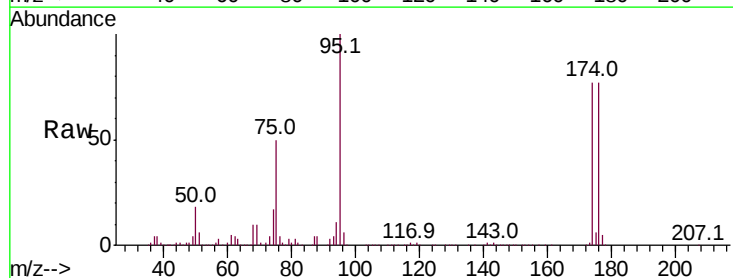
Tgt Ion: 95 Resp: 194064

Ion Ratio Lower Upper

95 100

174 75.0 0.0 156.0

176 72.9 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

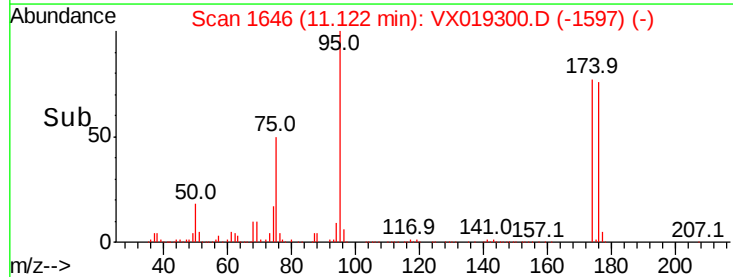
100000

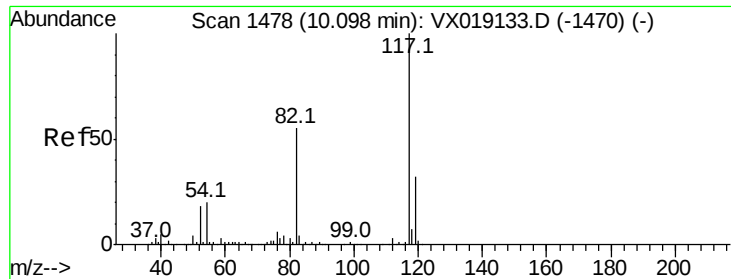
50000

0

Time-->

11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

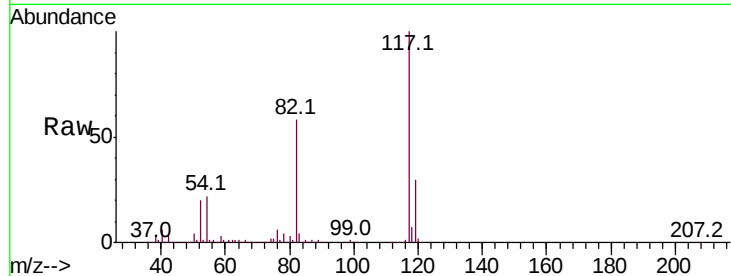
Tot Ion:117 Resp: 404545

Ion Ratio Lower Upper

117 100

82 57.7 43.6 65.4

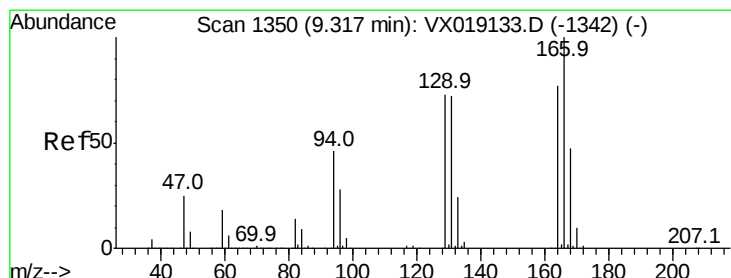
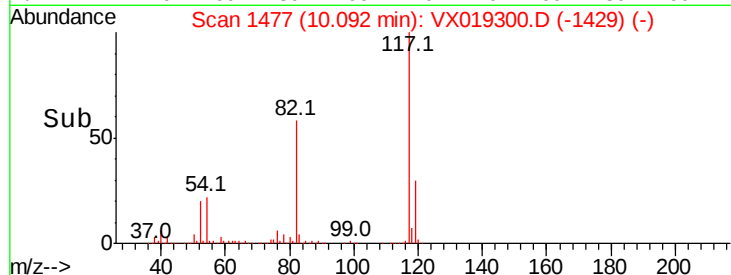
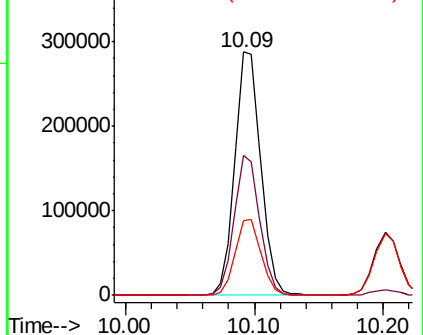
119 30.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 49.717 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Tgt Ion:164 Resp: 153237

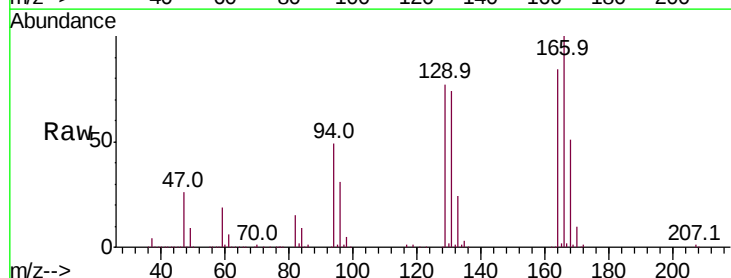
Ion Ratio Lower Upper

164 100

166 118.8 104.1 156.1

129 91.5 76.2 114.4

131 87.5 74.6 112.0

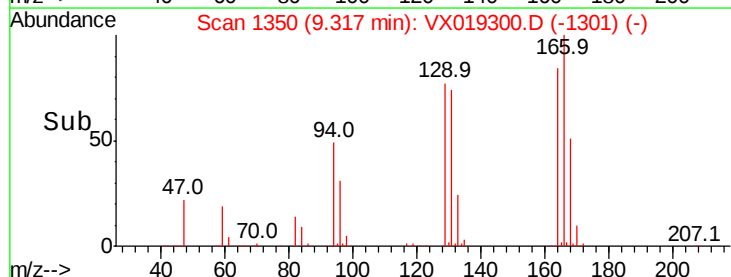
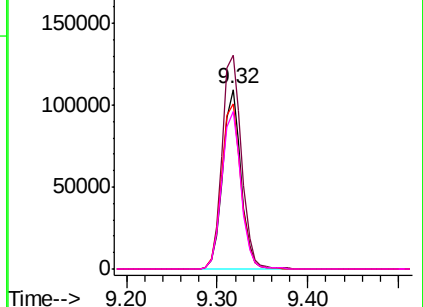


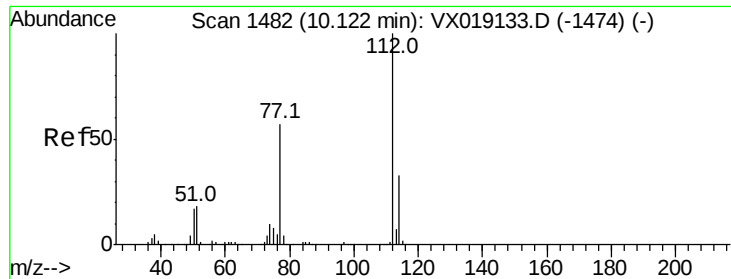
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

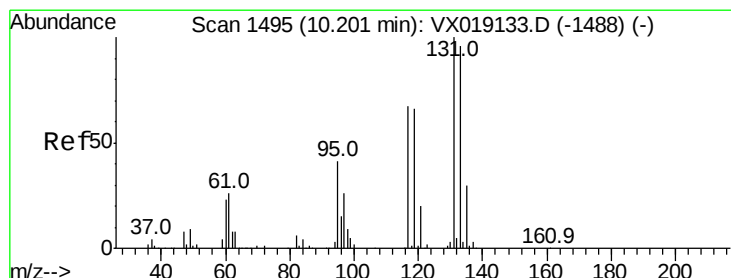
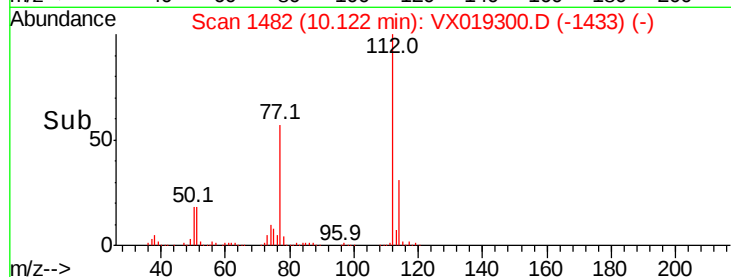
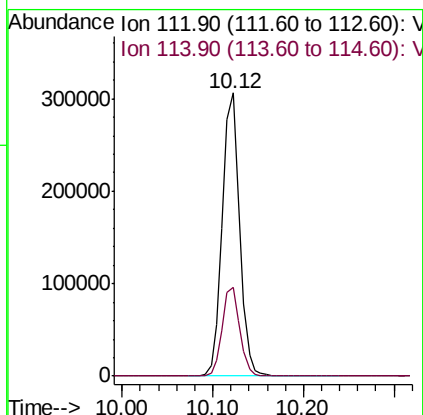
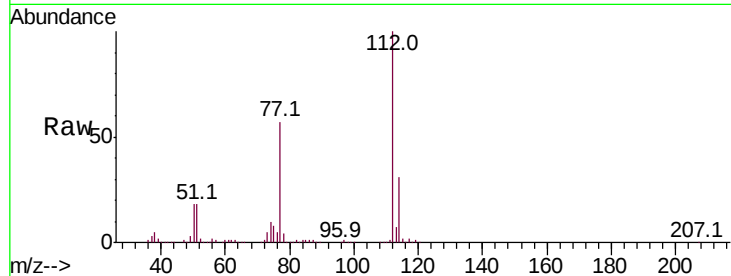




#65
Chlorobenzene
Concen: 49.507 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

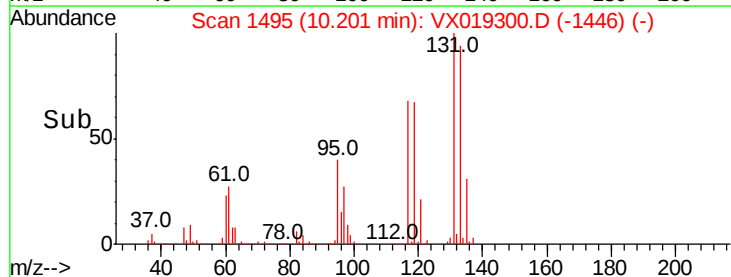
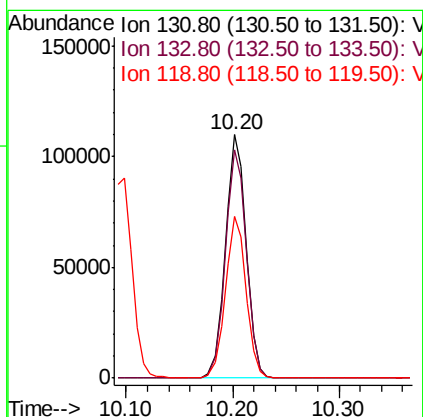
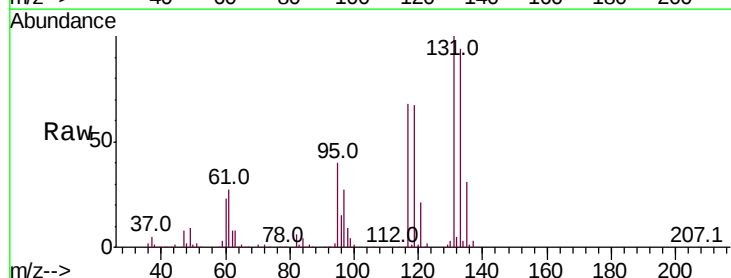
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

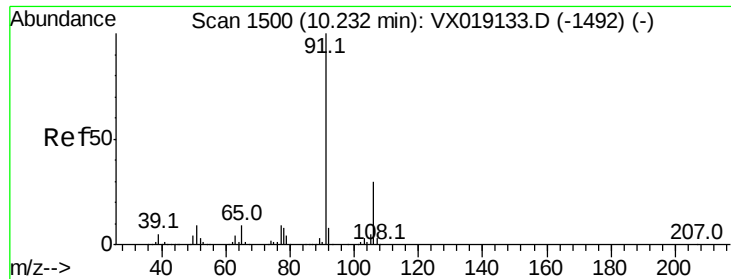
Tot Ion:112 Resp: 409346
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.274 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion:131 Resp: 149650
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 66.4 32.3 96.9

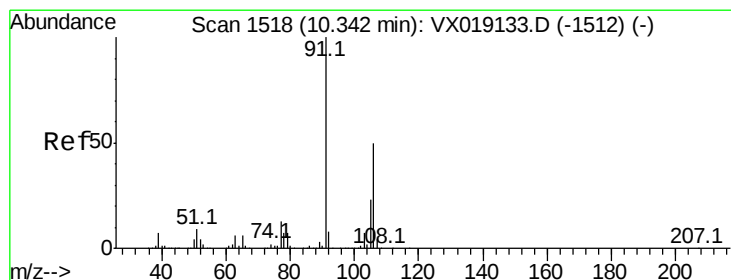
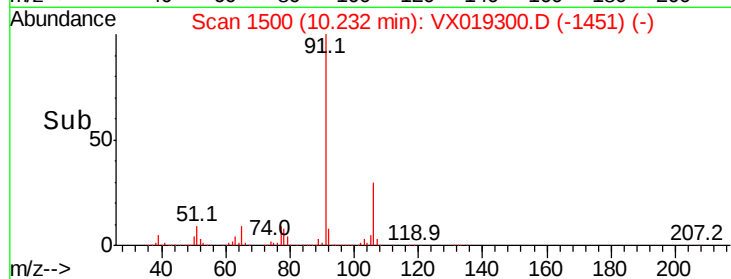
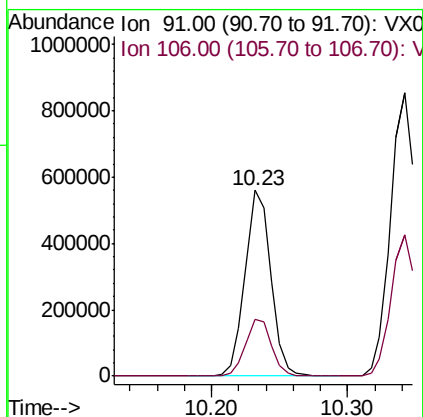
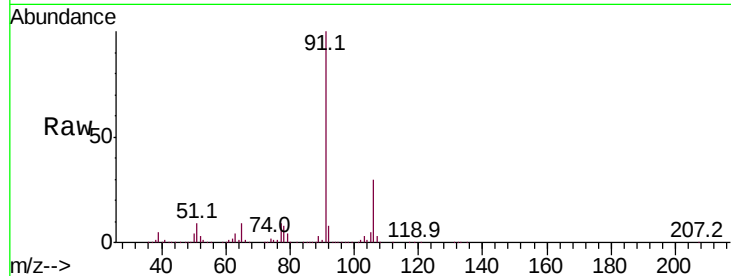




#67
Ethyl Benzene
Concen: 50.666 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

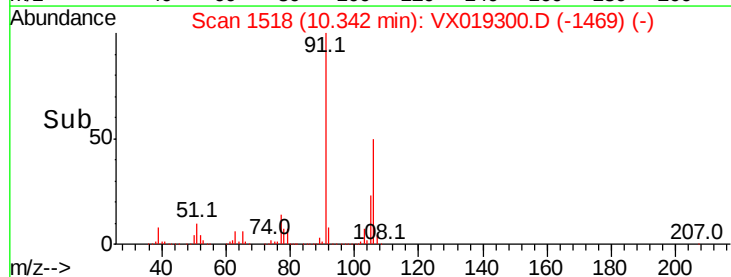
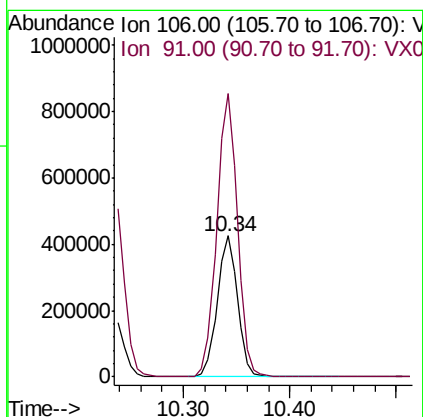
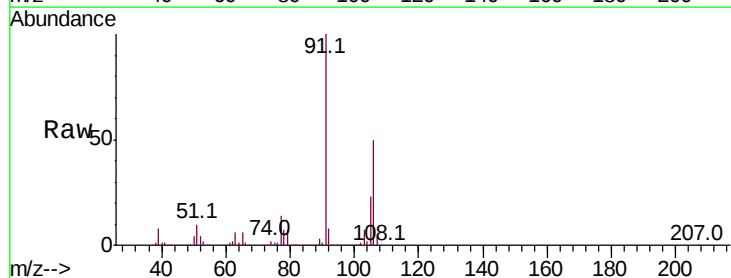
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

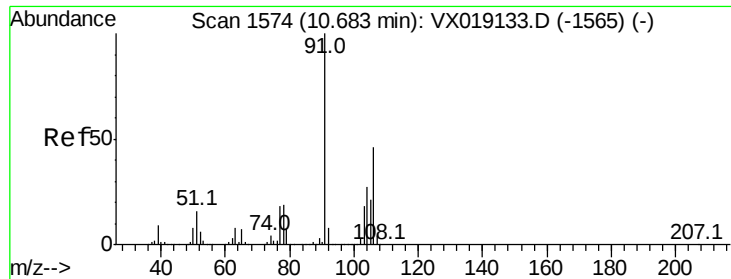
Tot Ion: 91 Resp: 746495
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 101.562 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion: 106 Resp: 561621
Ion Ratio Lower Upper
106 100
91 204.4 161.0 241.4

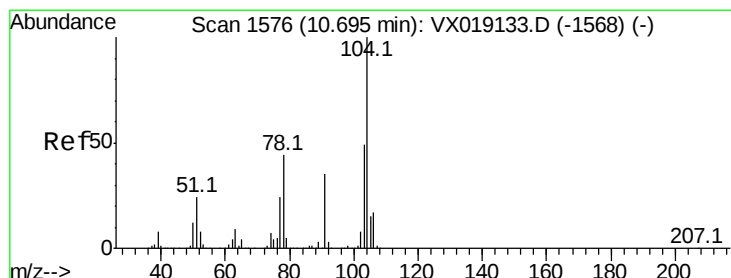
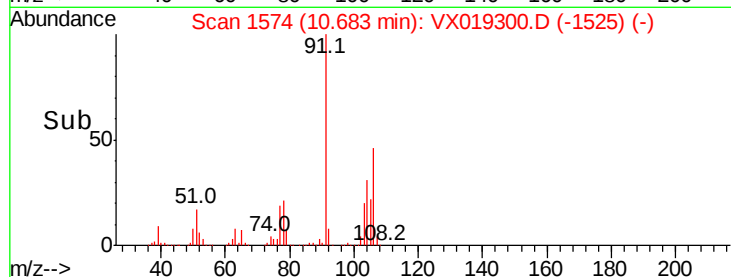
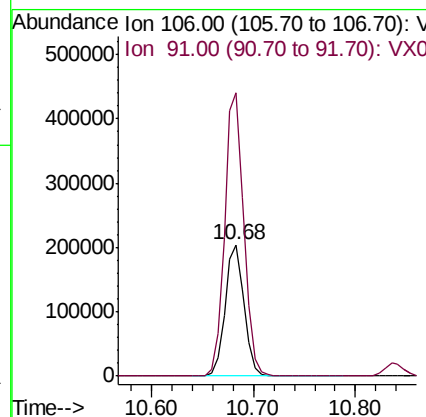
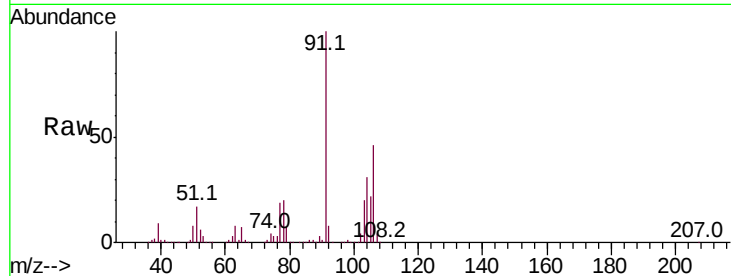




#69
o-Xylene
Concen: 50.346 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

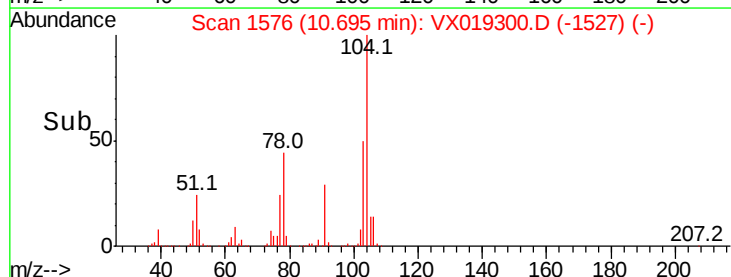
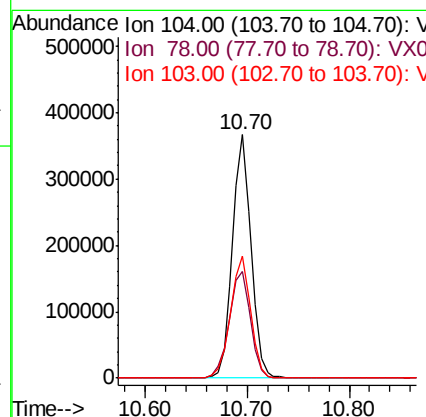
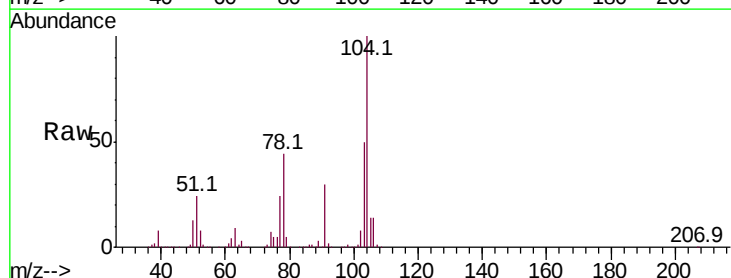
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

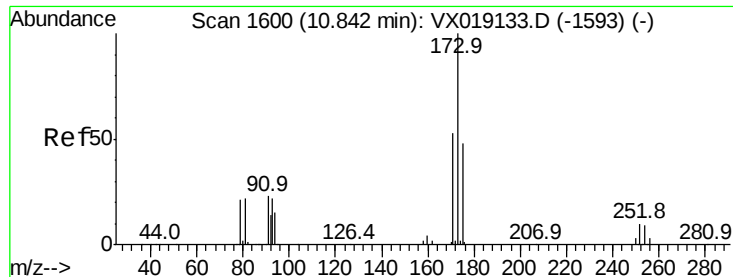
Tot Ion:106 Resp: 264064
Ion Ratio Lower Upper
106 100
91 218.1 108.3 324.8



#70
Styrene
Concen: 51.346 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion:104 Resp: 459511
Ion Ratio Lower Upper
104 100
78 50.7 40.0 60.0
103 54.6 43.5 65.3





#71

Bromoform

Concen: 48.598 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

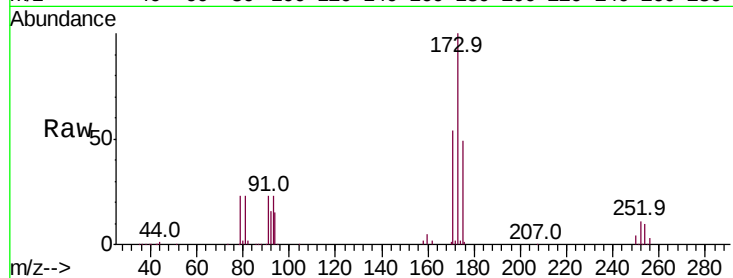
Tot Ion:173 Resp: 114696

Ion Ratio Lower Upper

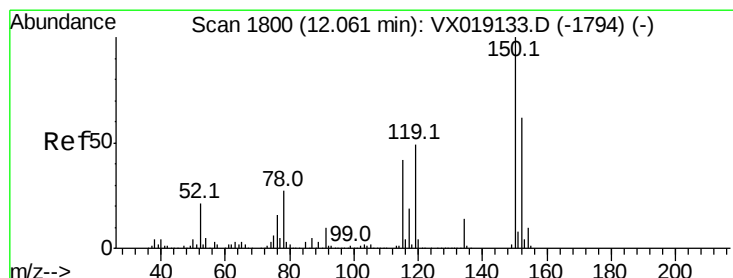
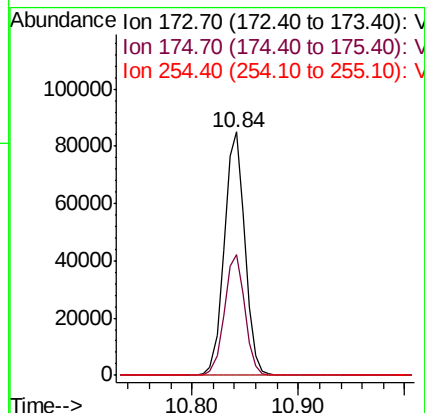
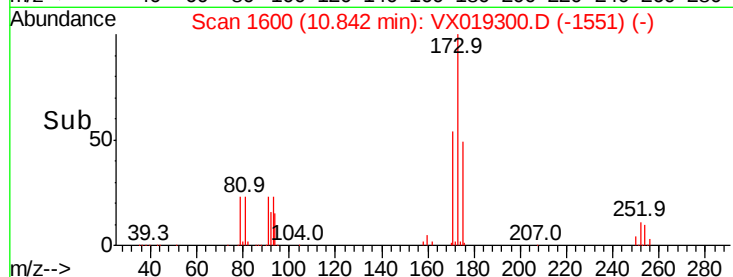
173 100

175 49.2 24.4 73.4

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

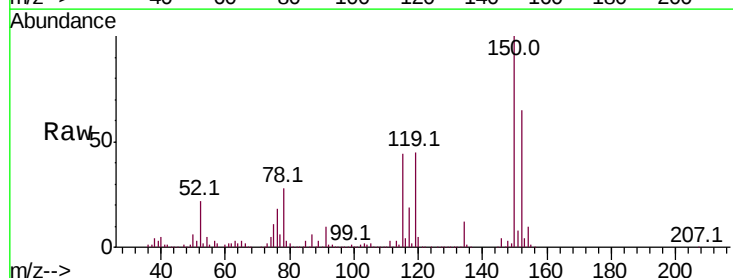
Tgt Ion:152 Resp: 209346

Ion Ratio Lower Upper

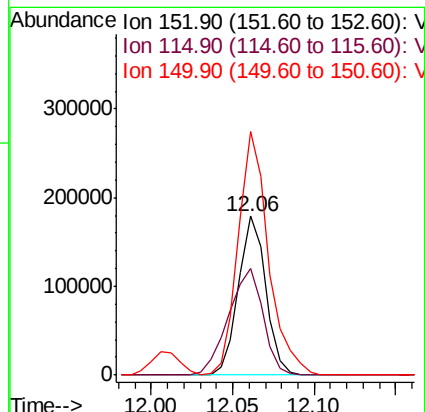
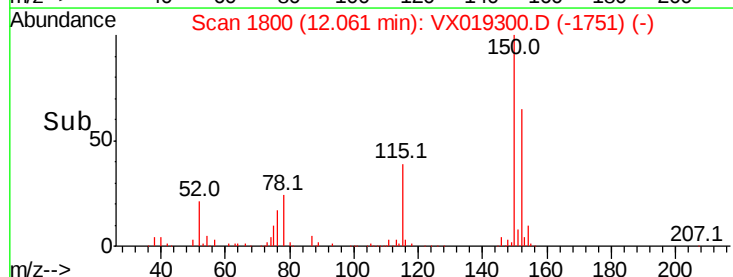
152 100

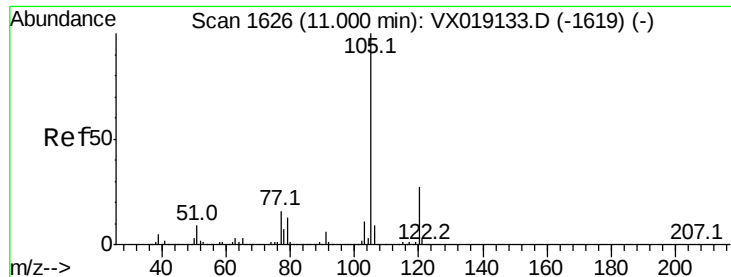
115 84.8 41.9 125.7

150 169.5 0.0 347.8



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: 49.126 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

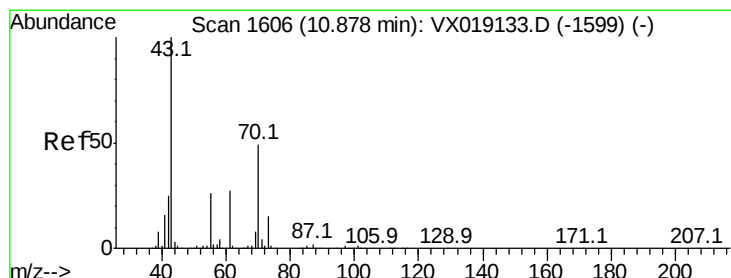
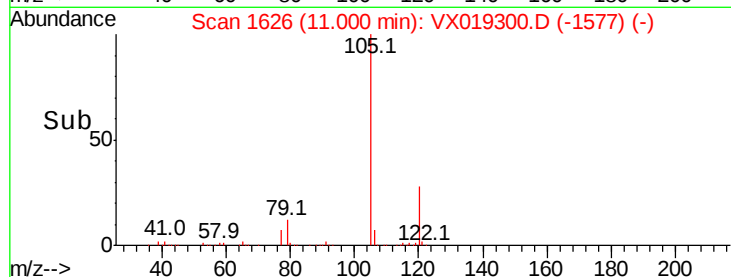
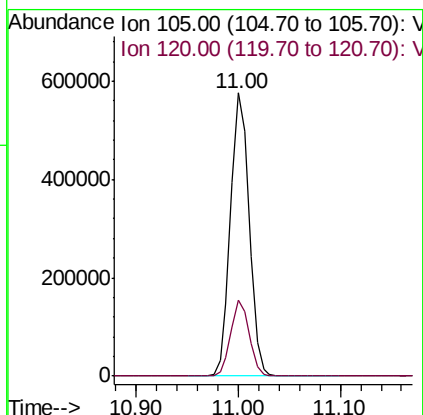
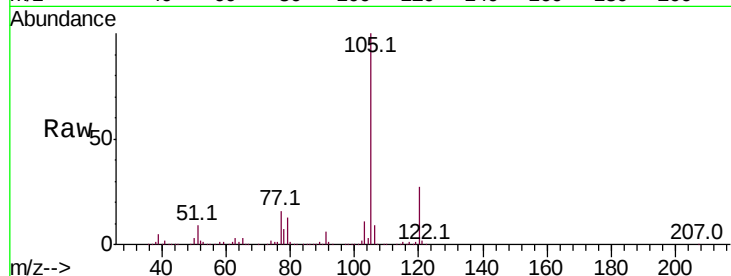
VSTDCCC050

Tot Ion:105 Resp: 727972

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 50.912 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Tgt Ion: 43 Resp: 275849

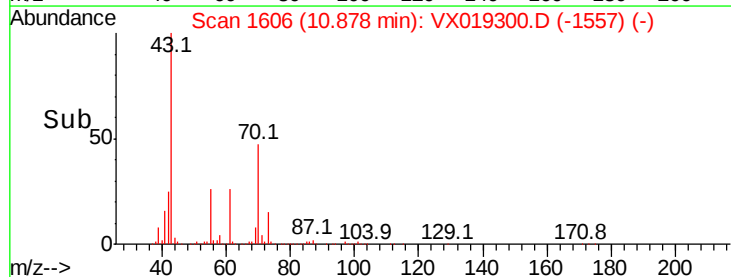
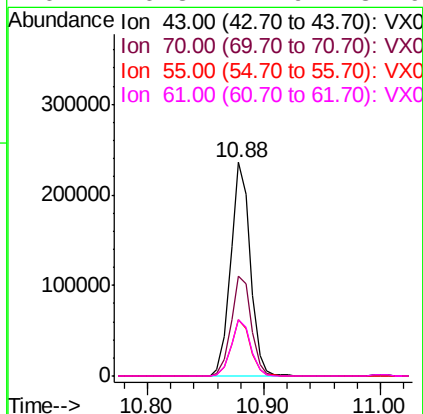
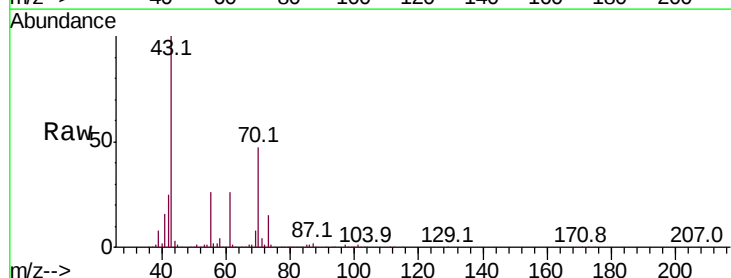
Ion Ratio Lower Upper

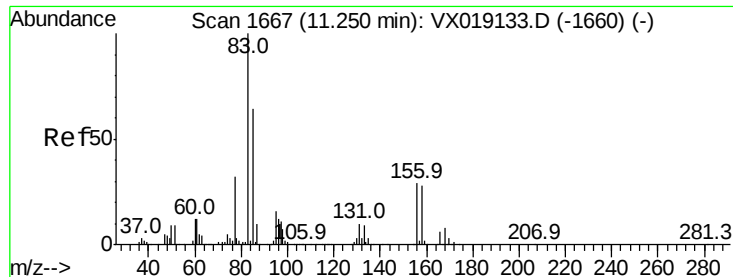
43 100

70 48.2 39.6 59.4

55 26.1 20.7 31.1

61 26.3 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.155 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

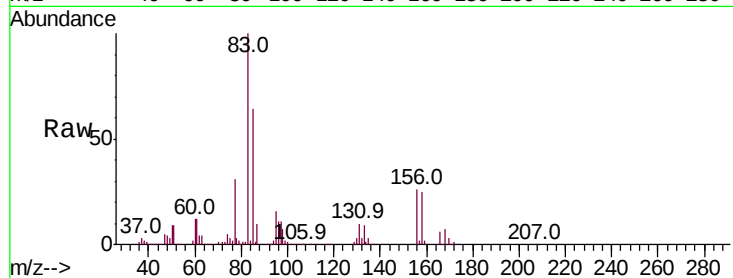
Tot Ion: 83 Resp: 227648

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

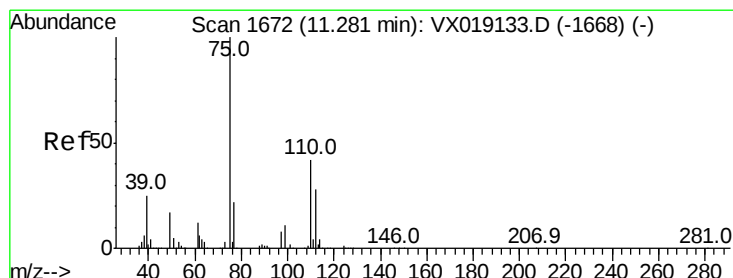
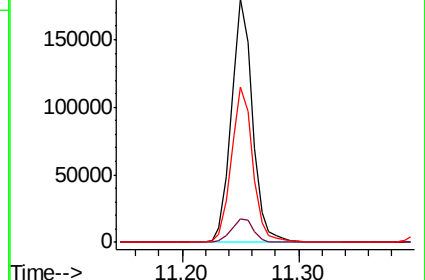
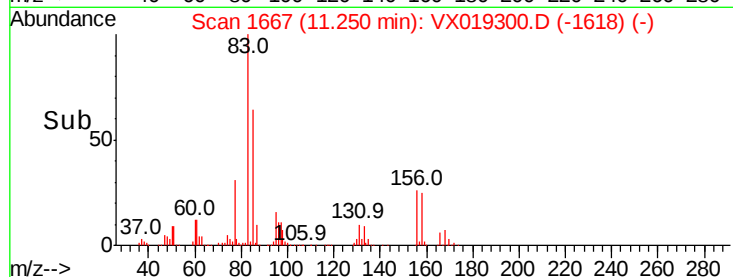
85 64.7 32.1 96.3



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: 63.704 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019300.D

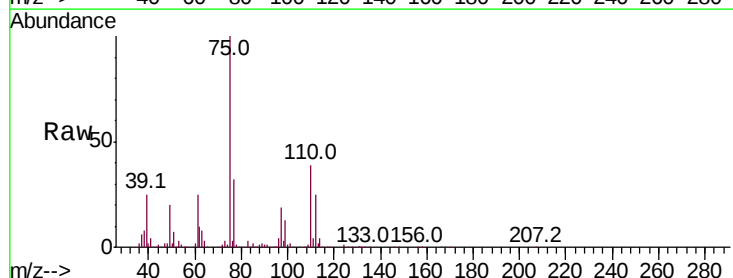
Acq: 05 Nov 2020 09:41

Tgt Ion: 75 Resp: 275363

Ion Ratio Lower Upper

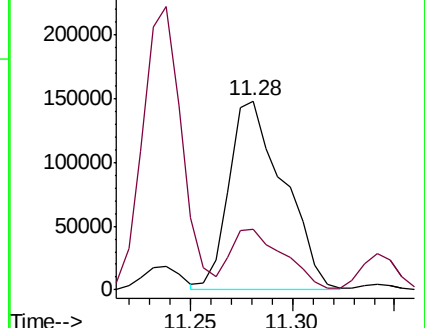
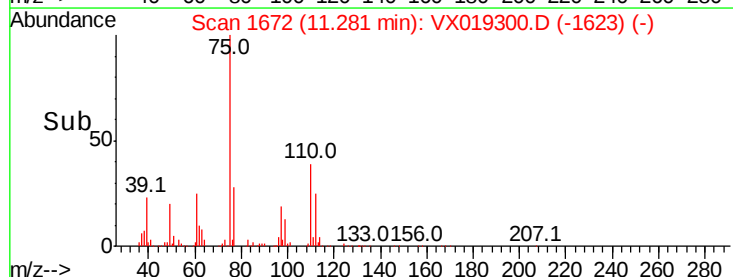
75 100

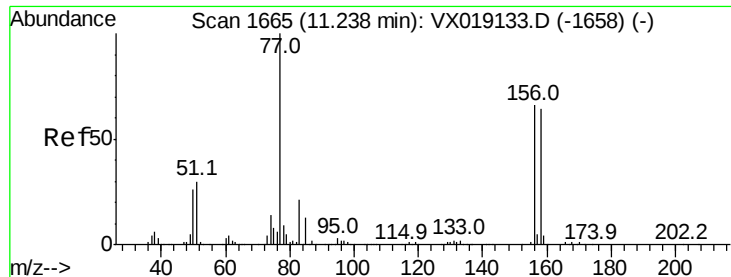
77 31.3 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.588 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

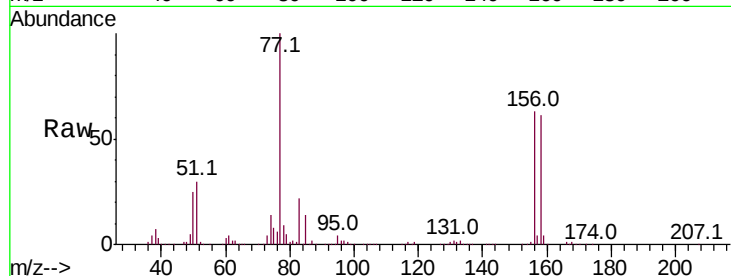
Tot Ion:156 Resp: 175018

Ion Ratio Lower Upper

156 100

77 168.1 77.7 233.1

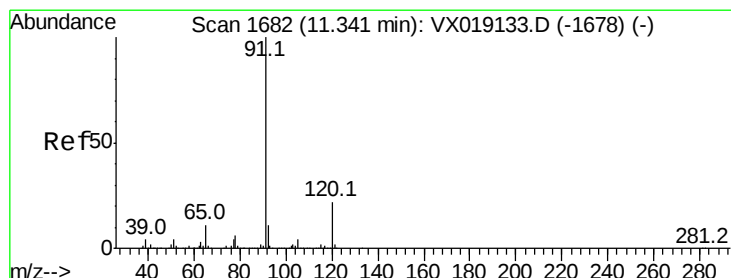
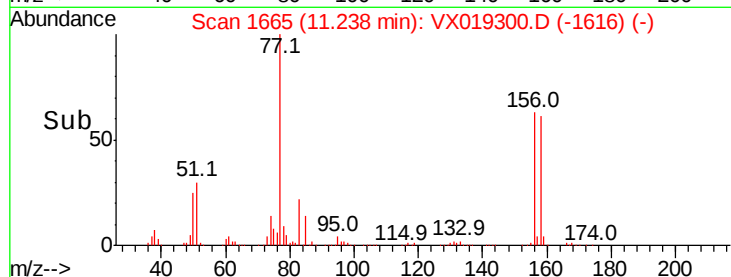
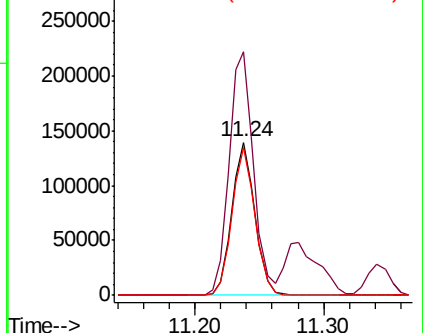
158 96.0 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VX0

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 50.157 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019300.D

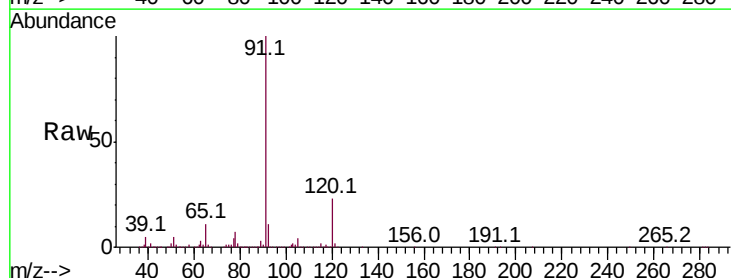
Acq: 05 Nov 2020 09:41

Tgt Ion: 91 Resp: 848447

Ion Ratio Lower Upper

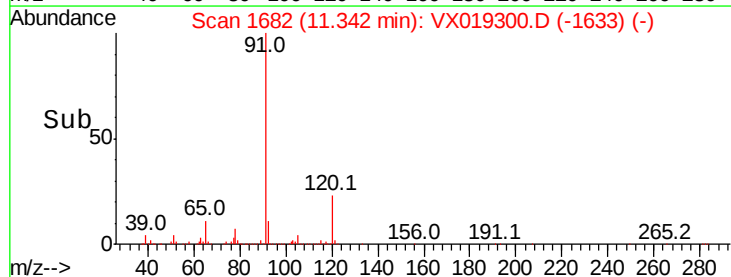
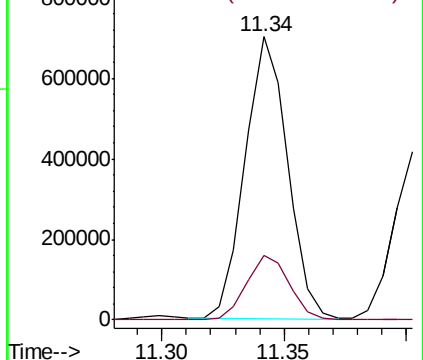
91 100

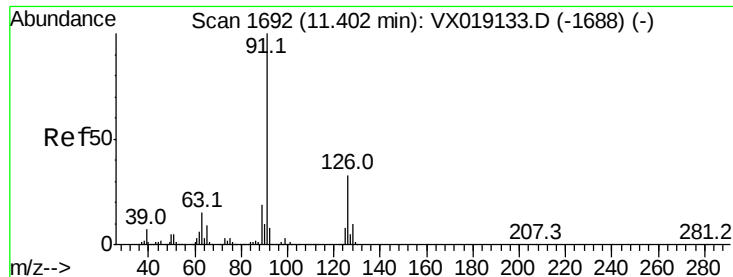
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.30): VX0

Ion 120.00 (119.70 to 120.30): V

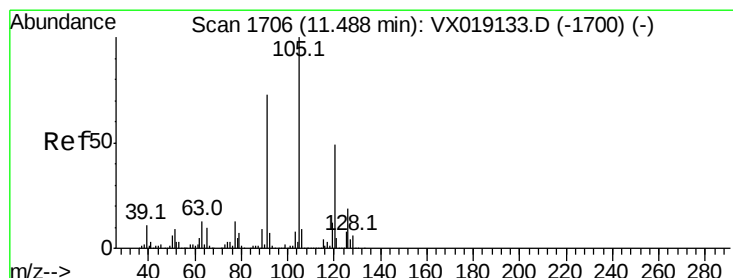
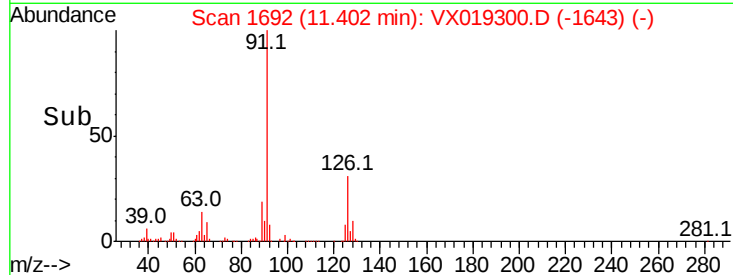
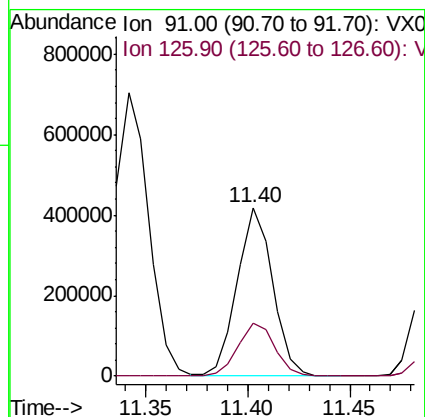
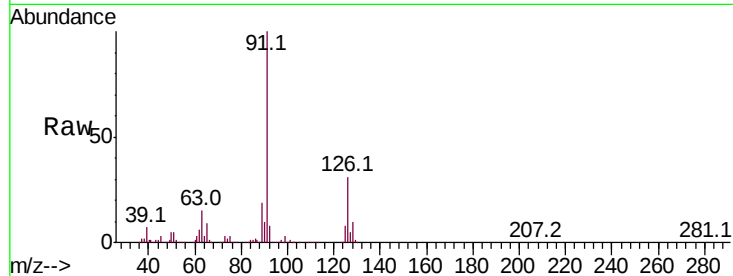




#79
 2-Chlorotoluene
 Concen: 50.491 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

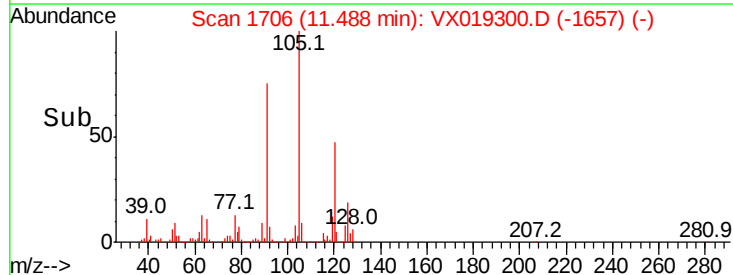
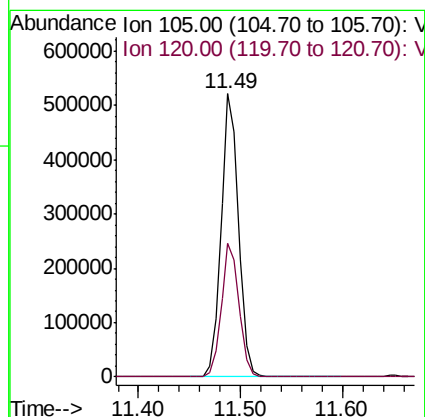
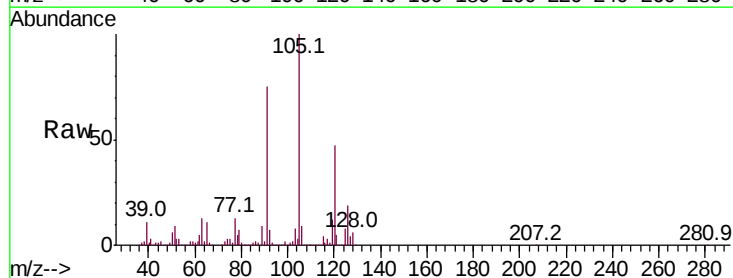
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

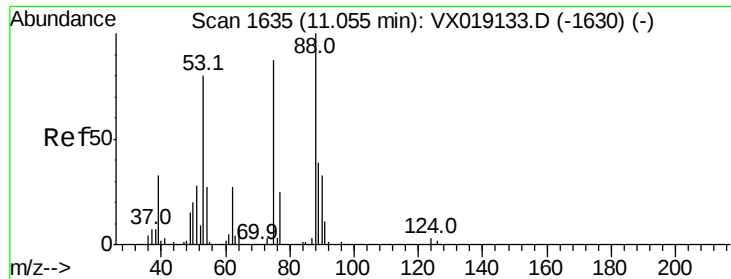
Tot Ion: 91 Resp: 502838
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 49.979 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion: 105 Resp: 625675
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.507 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

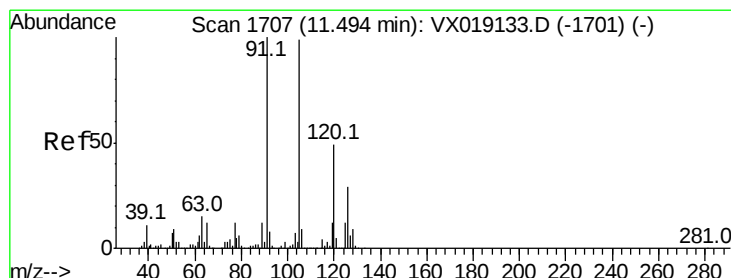
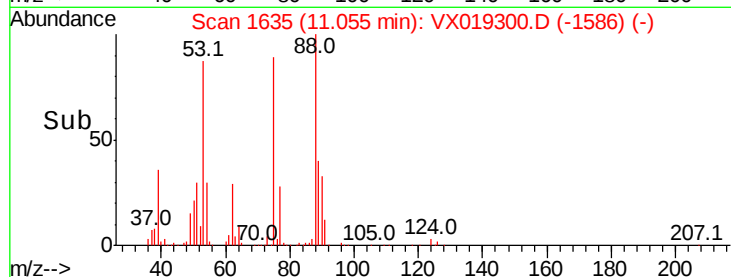
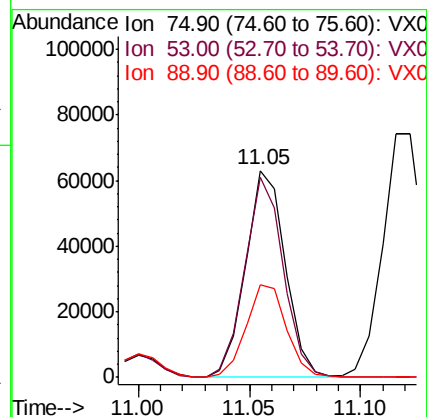
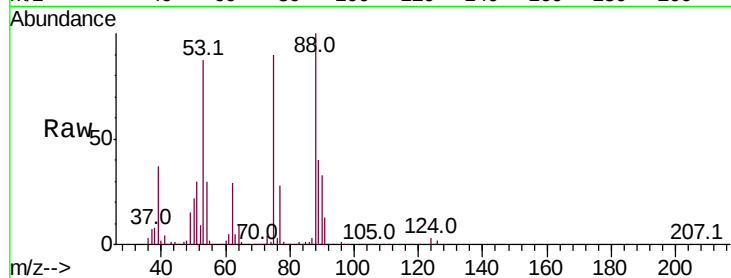
Tot Ion: 75 Resp: 77991

Ion Ratio Lower Upper

75 100

53 95.3 73.3 109.9

89 46.1 38.2 57.2



#82

4-Chlorotoluene

Concen: 49.164 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019300.D

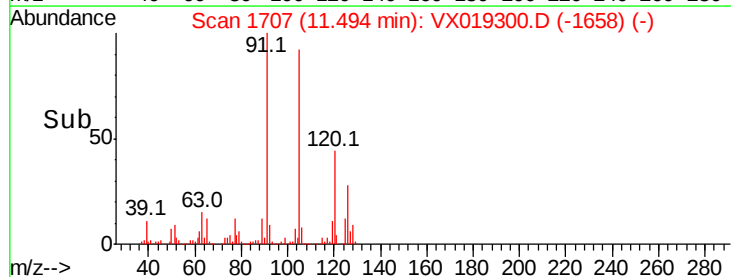
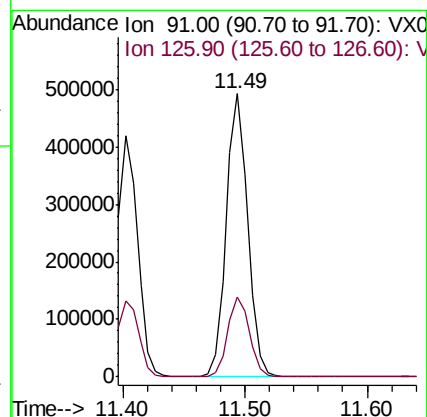
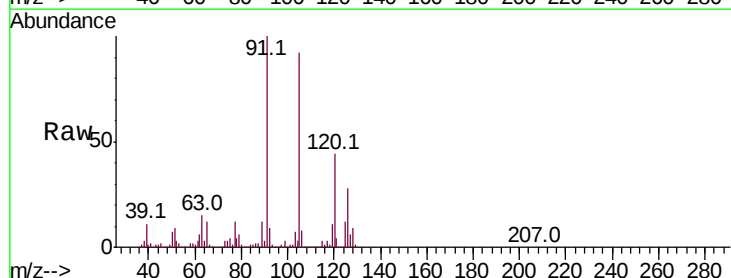
Acq: 05 Nov 2020 09:41

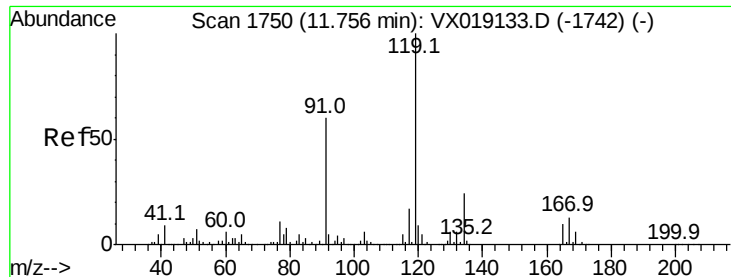
Tgt Ion: 91 Resp: 597903

Ion Ratio Lower Upper

91 100

126 28.7 14.8 44.4

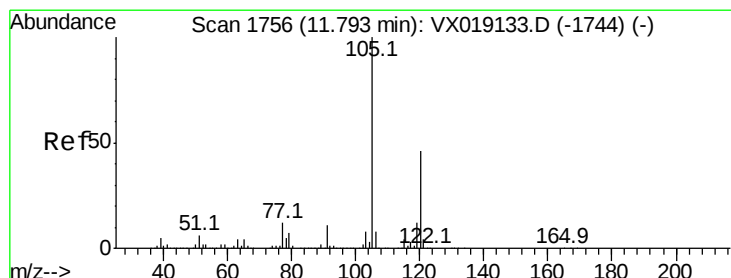
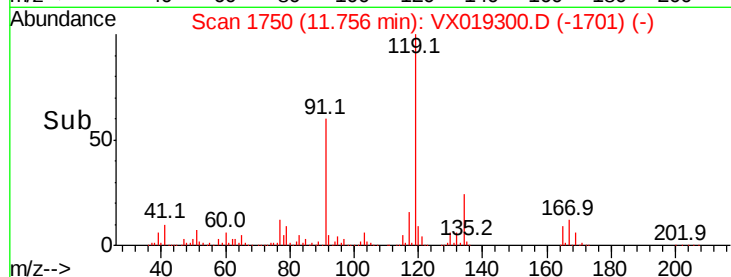
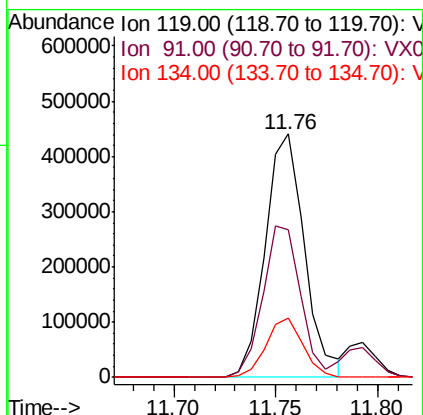
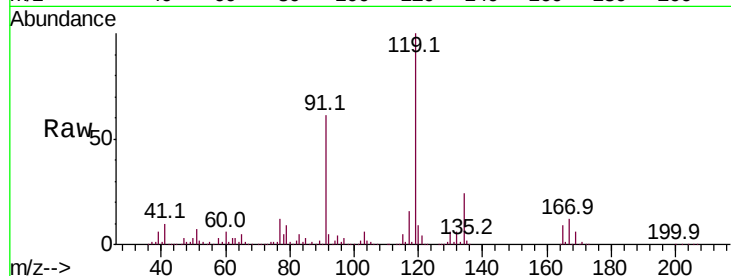




#83
tert-Butylbenzene
Concen: 49.380 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

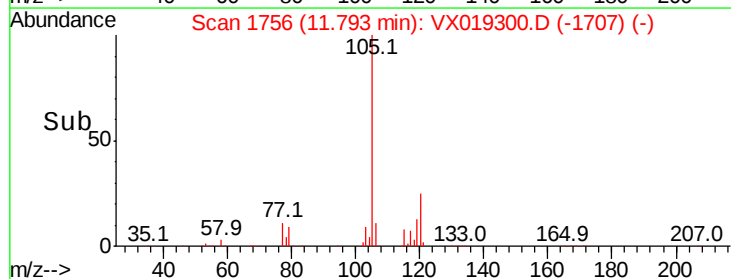
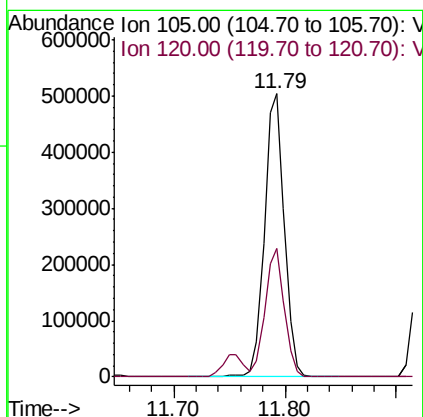
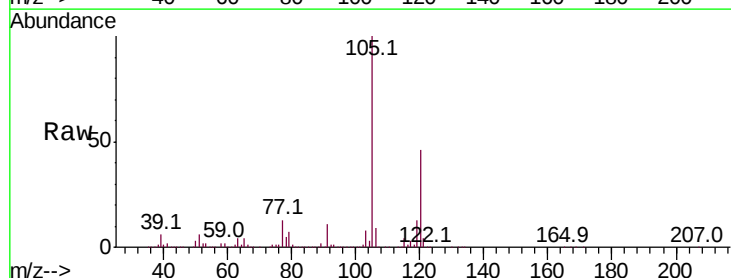
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

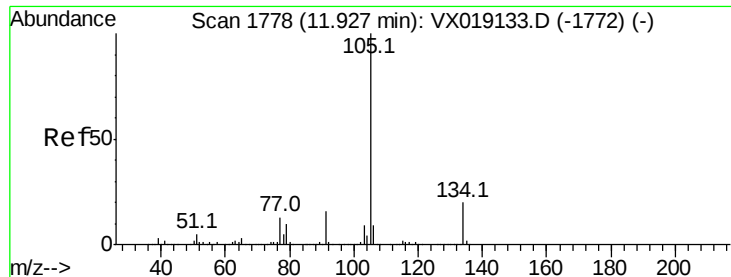
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.9	29.0	87.1
134	23.1	11.7	35.0



#84
1,2,4-Trimethylbenzene
Concen: 49.784 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.4	67.3

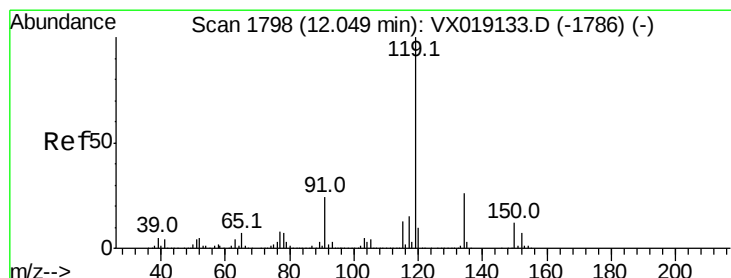
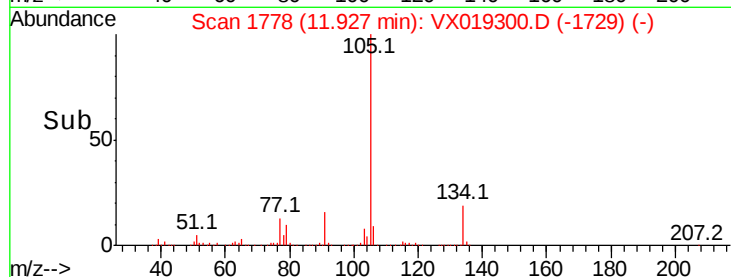
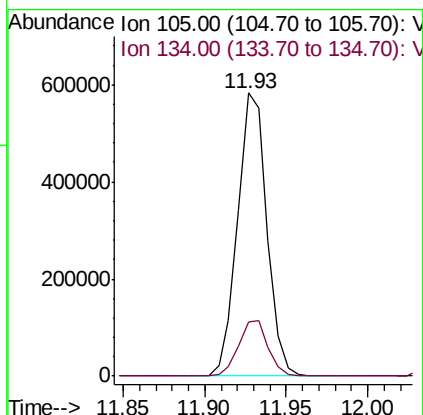
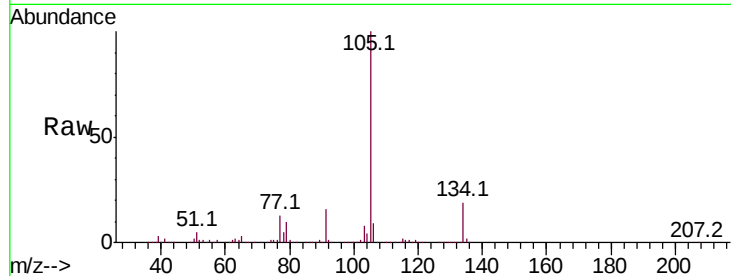




#85
 sec-Butylbenzene
 Concen: 50.664 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

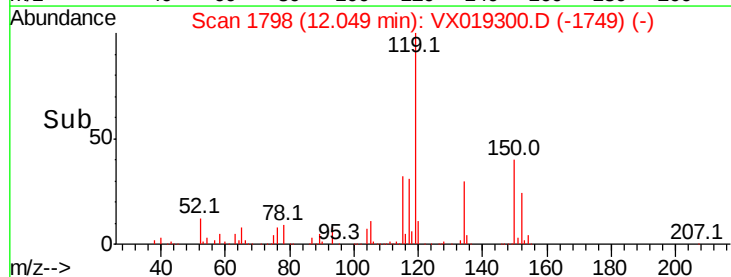
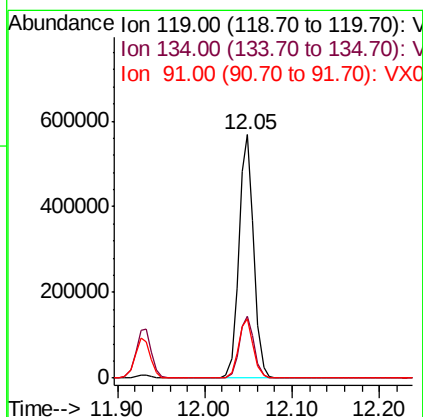
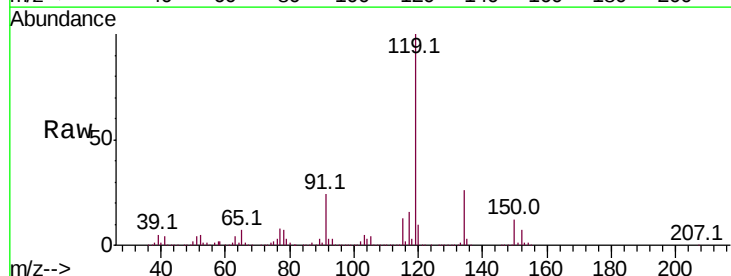
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

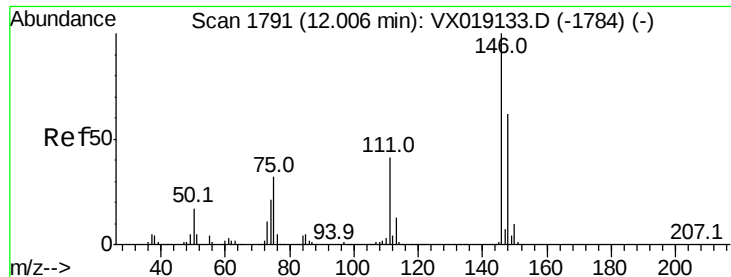
Tot Ion:105 Resp: 728363
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.739 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion:119 Resp: 673274
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 24.3 12.0 36.0

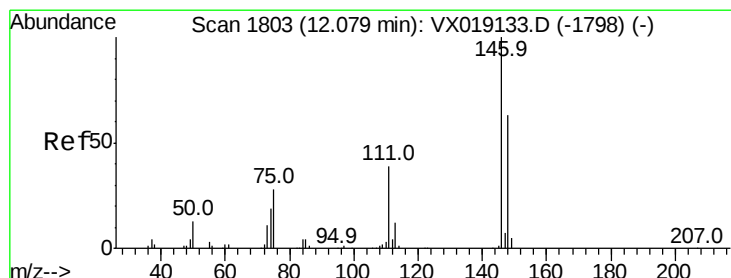
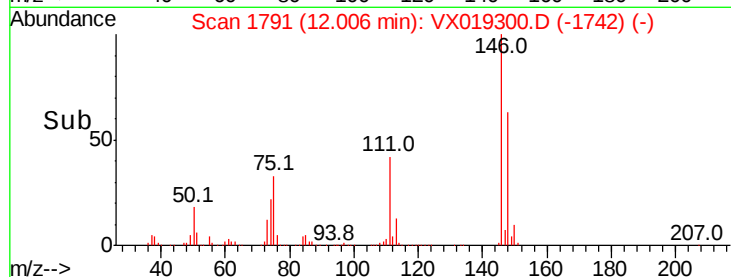
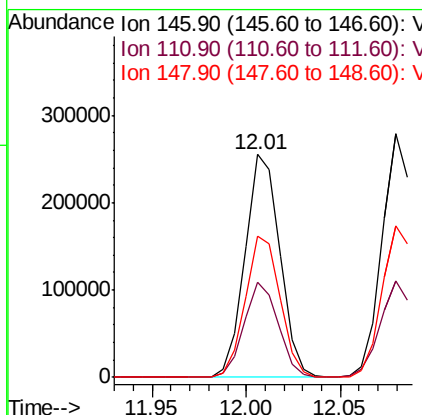
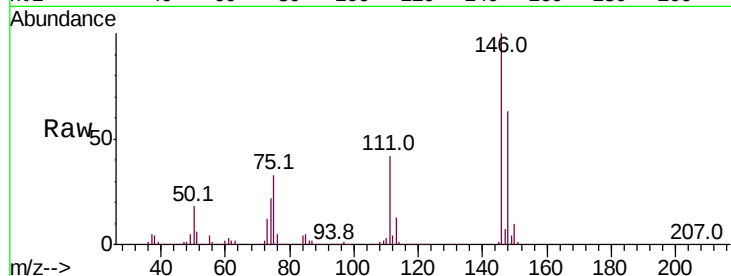




#87
 1,3-Dichlorobenzene
 Concen: 47.929 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

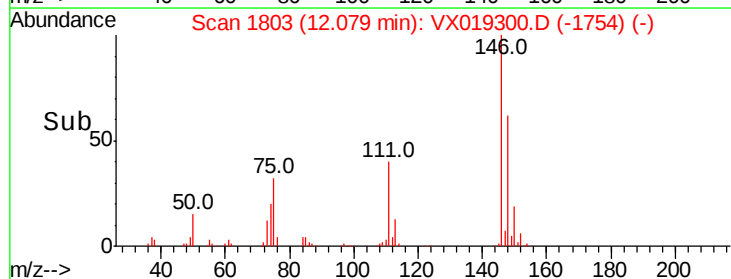
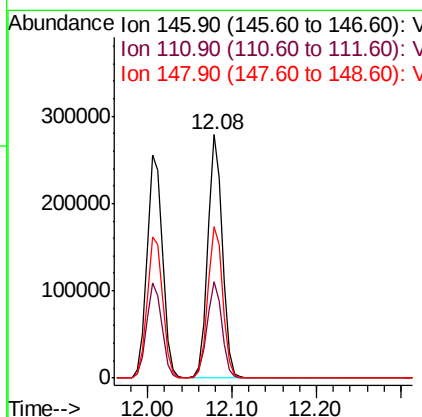
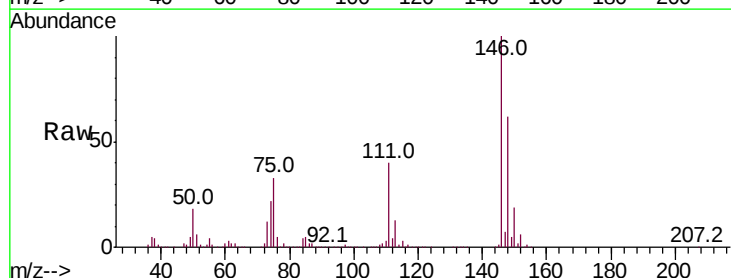
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

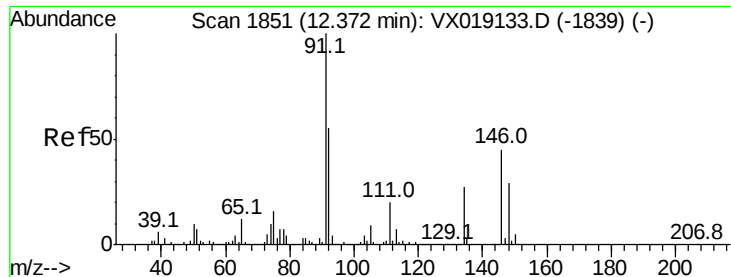
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.4	61.2
148	63.4	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 46.872 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.5
148	63.6	31.3	93.8





#89

n-Butylbenzene

Concen: 51.168 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

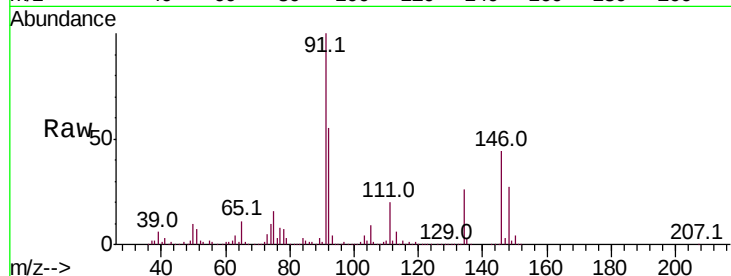
Tot Ion: 91 Resp: 638198

Ion Ratio Lower Upper

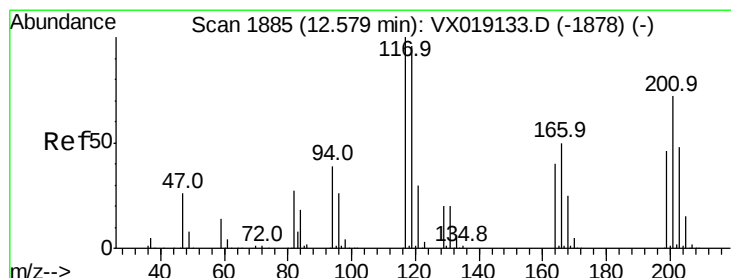
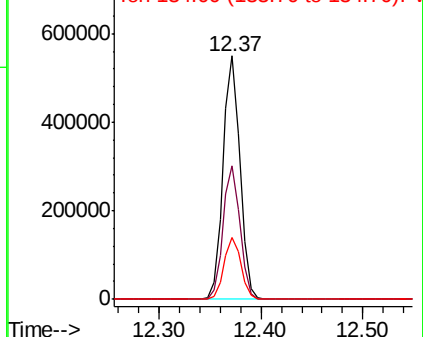
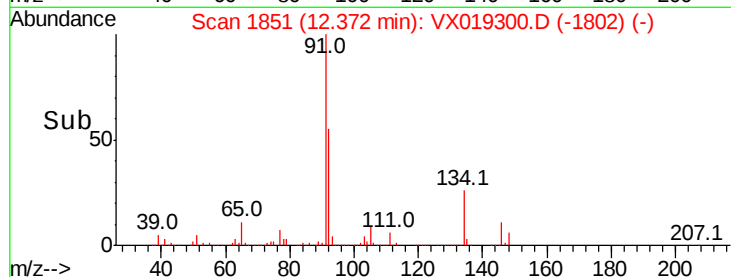
91 100

92 54.7 27.5 82.4

134 25.5 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX019300.D (-1802) (-)



#90

Hexachloroethane

Concen: 49.721 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019300.D

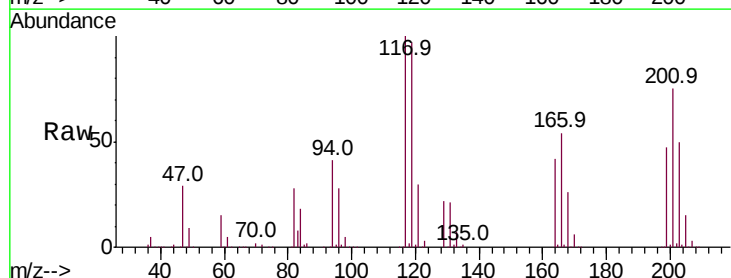
Acq: 05 Nov 2020 09:41

Tgt Ion: 117 Resp: 112143

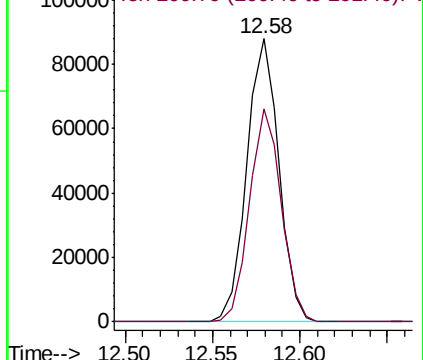
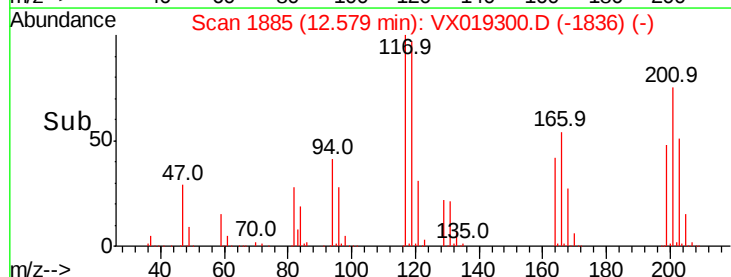
Ion Ratio Lower Upper

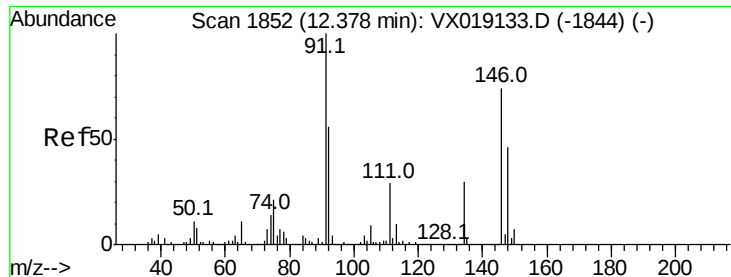
117 100

201 74.5 38.5 115.3



Abundance Ion 116.80 (116.50 to 117.50): VX019300.D (-1836) (-)





#91

1,2-Dichlorobenzene

Concen: 47.009 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

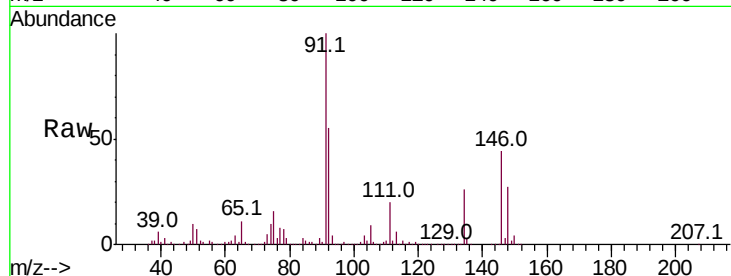
Tot Ion:146 Resp: 309164

Ion Ratio Lower Upper

146 100

111 43.9 21.2 63.6

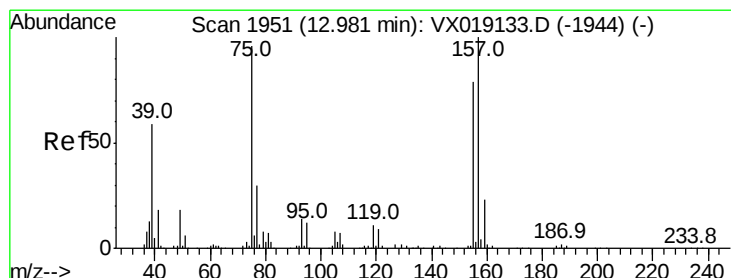
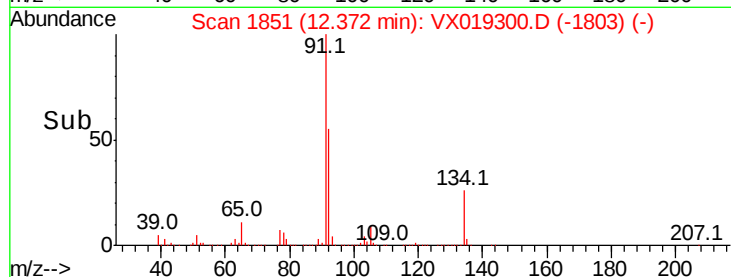
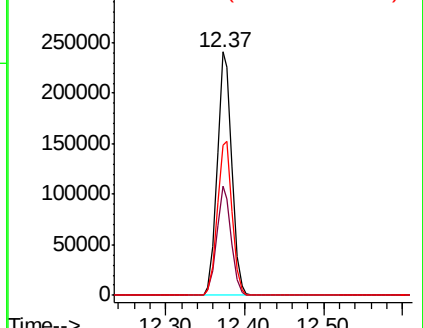
148 64.4 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.584 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

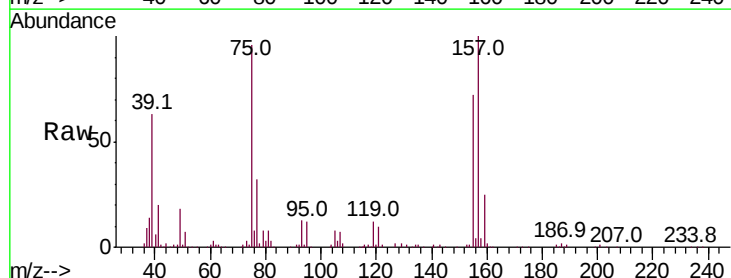
Tgt Ion: 75 Resp: 51680

Ion Ratio Lower Upper

75 100

155 80.8 42.8 128.4

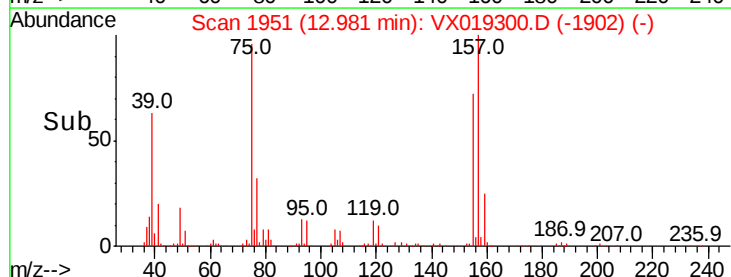
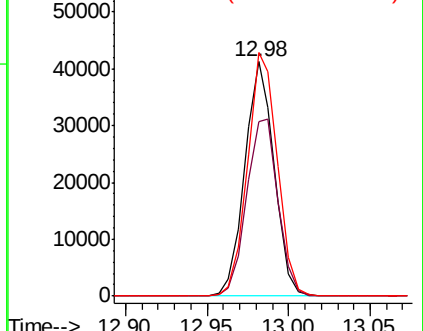
157 105.6 54.8 164.4

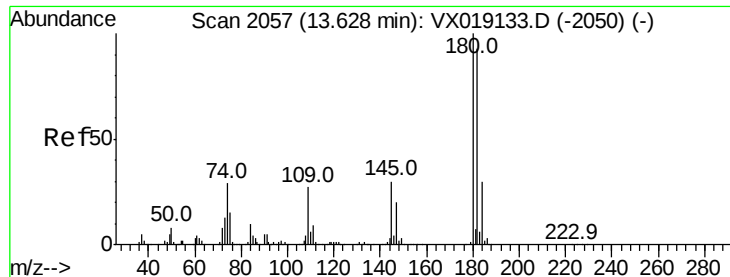


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

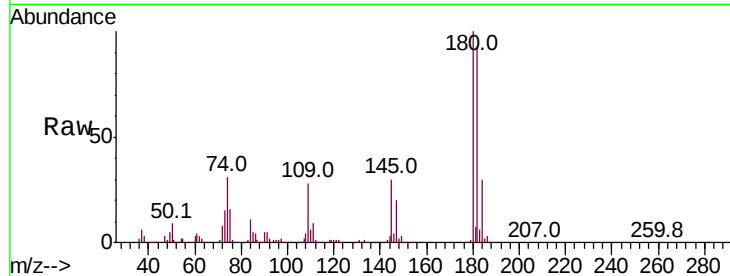




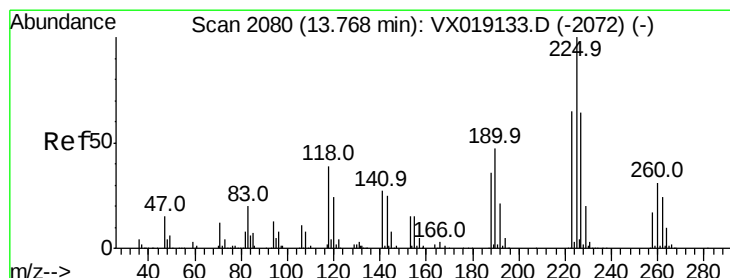
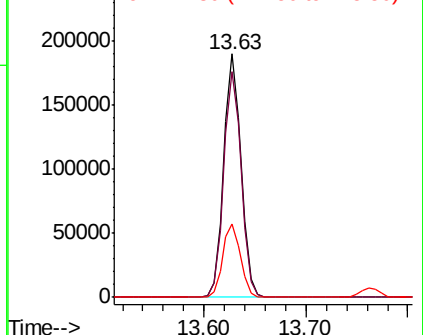
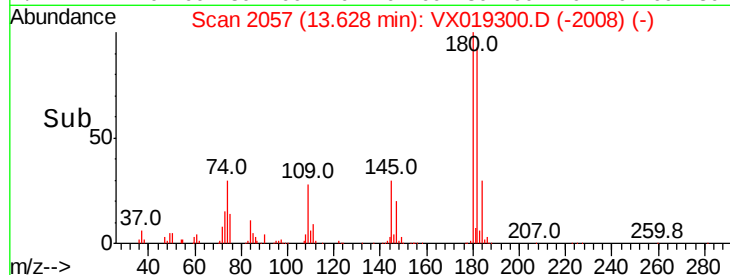
#93
 1,2,4-Trichlorobenzene
 Concen: 45.535 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.8	140.3
145	30.8	15.5	46.5

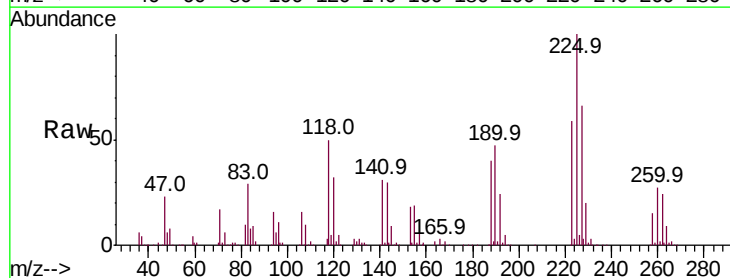


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

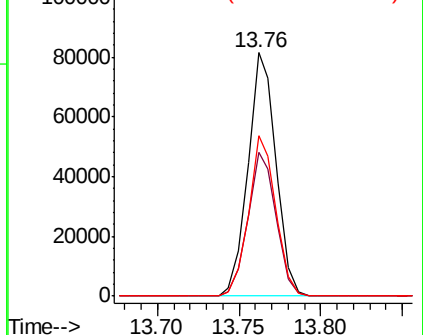
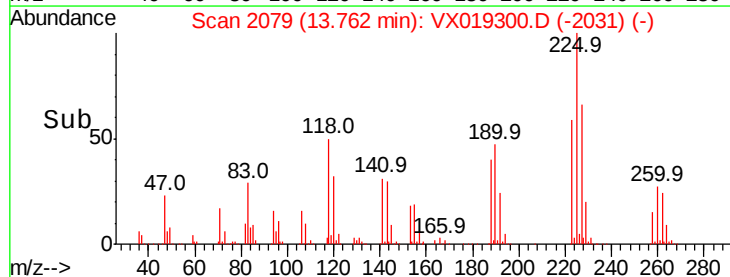


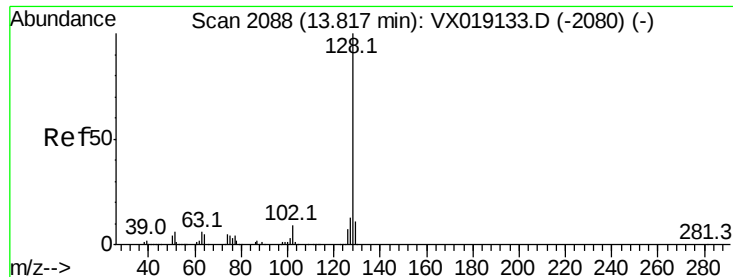
#94
 Hexachlorobutadiene
 Concen: 44.971 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.4	32.4	97.2
227	63.7	31.6	94.7



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





#95

Naphthalene

Concen: 45.654 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

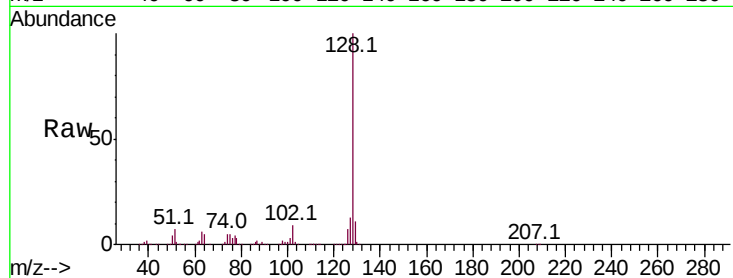
Tot Ion:128 Resp: 710299

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

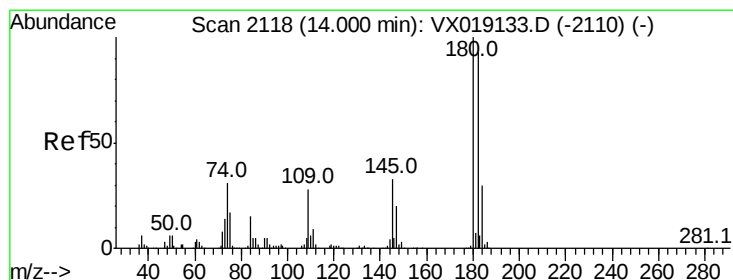
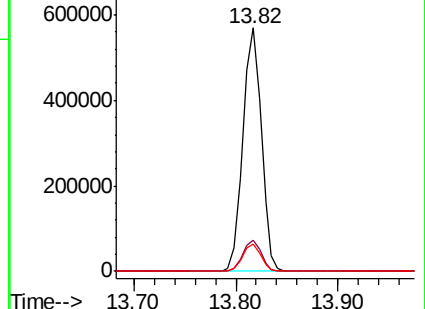
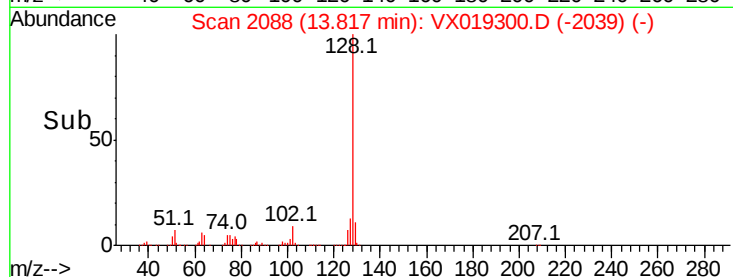
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.320 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

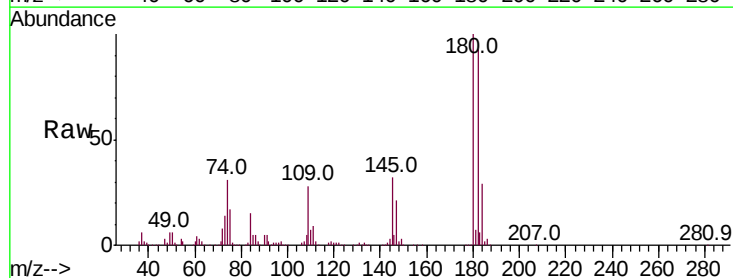
Tgt Ion:180 Resp: 217185

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.3

145 33.2 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

