

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019329.D
 Acq On : 06 Nov 2020 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 07 00:58:32 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	271215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	447052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	406269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214297	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	166724	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
35) Dibromofluoromethane	5.46	113	132588	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
50) Toluene-d8	8.70	98	497170	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
62) 4-Bromofluorobenzene	11.12	95	200388	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	115256	50.975	ug/l	98
3) Chloromethane	1.31	50	124314	49.214	ug/l	100
4) Vinyl Chloride	1.39	62	153348	52.347	ug/l	97
5) Bromomethane	1.62	94	97611	48.791	ug/l	100
6) Chloroethane	1.71	64	101306	54.163	ug/l	97
7) Trichlorofluoromethane	1.92	101	241500	52.474	ug/l	97
8) Diethyl Ether	2.17	74	96049	54.379	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	136847	53.646	ug/l	98
10) Methyl Iodide	2.49	142	141911	47.497	ug/l	100
11) Tert butyl alcohol	3.01	59	177476	256.900	ug/l	99
12) 1,1-Dichloroethene	2.36	96	136773	52.031	ug/l	98
13) Acrolein	2.27	56	79210	256.302	ug/l	99
14) Allyl chloride	2.70	41	221178	55.551	ug/l	99
15) Acrylonitrile	3.11	53	396925	273.422	ug/l	100
16) Acetone	2.42	43	349081	289.302	ug/l	99
17) Carbon Disulfide	2.55	76	363030	48.473	ug/l	100
18) Methyl Acetate	2.75	43	162648	55.432	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	499464	54.838	ug/l	99
20) Methylene Chloride	2.83	84	156515	51.667	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	154124	50.945	ug/l	96
22) Diisopropyl ether	3.82	45	455848	57.429	ug/l	97
23) Vinyl Acetate	3.78	43	2003166	282.997	ug/l	98
24) 1,1-Dichloroethane	3.67	63	271780	54.839	ug/l	99
25) 2-Butanone	4.62	43	535626	281.663	ug/l	99
26) 2,2-Dichloropropane	4.54	77	256115	54.972	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	176373	52.171	ug/l	95
28) Bromochloromethane	4.98	49	112676	50.011	ug/l	93
29) Tetrahydrofuran	5.08	42	333759	278.501	ug/l	97
30) Chloroform	5.17	83	286978	54.402	ug/l	99
31) Cyclohexane	5.54	56	236351	53.457	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	257720	53.887	ug/l	100
36) 1,1-Dichloropropene	5.76	75	219574	53.189	ug/l	99
37) Ethyl Acetate	4.78	43	206625	53.908	ug/l	99
38) Carbon Tetrachloride	5.75	117	222146	52.793	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	258639	52.397	ug/l	98
40) Benzene	6.11	78	624587	53.362	ug/l	99
41) Methacrylonitrile	5.00	41	110372	53.471	ug/l	99
42) 1,2-Dichloroethane	6.15	62	231961	53.773	ug/l	100
43) Isopropyl Acetate	6.40	43	346815	54.038	ug/l	99
44) Trichloroethene	7.18	130	172173	51.362	ug/l	95
45) 1,2-Dichloropropane	7.48	63	159169	55.520	ug/l	97
46) Dibromomethane	7.63	93	111427	52.561	ug/l	97
47) Bromodichloromethane	7.87	83	229823	55.000	ug/l	98
48) Methyl methacrylate	7.74	41	170054	55.051	ug/l	98
49) 1,4-Dioxane	7.71	88	69525	1012.064	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1030128	279.265	ug/l	99
52) Toluene	8.76	92	405763	53.825	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	260181	54.514	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	276591	55.111	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	160094	53.748	ug/l	99
56) Ethyl methacrylate	9.16	69	251984	56.009	ug/l	98
57) 1,3-Dichloropropane	9.35	76	273305	54.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	654615	260.168	ug/l	97
59) 2-Hexanone	9.47	43	808877	288.074	ug/l	99
60) Dibromochloromethane	9.56	129	172959	53.506	ug/l	98
61) 1,2-Dibromoethane	9.65	107	170416	53.503	ug/l	98
64) Tetrachloroethene	9.32	164	161741	52.253	ug/l	98
65) Chlorobenzene	10.12	112	428260	51.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	155043	51.865	ug/l	98
67) Ethyl Benzene	10.23	91	787419	53.216	ug/l	100
68) m/p-Xylenes	10.34	106	591113	106.441	ug/l	97
69) o-Xylene	10.68	106	280723	53.295	ug/l	99
70) Styrene	10.70	104	489182	54.430	ug/l	99
71) Bromoform	10.84	173	124341	52.461	ug/l #	99
73) Isopropylbenzene	11.00	105	774931	51.086	ug/l	99
74) N-amyl acetate	10.88	43	298803	53.875	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	248300	52.376	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	300920	68.008	ug/l	85
77) Bromobenzene	11.24	156	187179	49.719	ug/l	94
78) n-propylbenzene	11.34	91	903281	52.165	ug/l	99
79) 2-Chlorotoluene	11.40	91	533372	52.319	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	665844	51.959	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	84959	50.555	ug/l	98
82) 4-Chlorotoluene	11.49	91	638163	51.262	ug/l	99
83) tert-Butylbenzene	11.76	119	624544	50.900	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	668908	51.704	ug/l	99
85) sec-Butylbenzene	11.93	105	757759	51.491	ug/l	99
86) p-Isopropyltoluene	12.05	119	704090	51.835	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	357264	50.958	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	364485	49.943	ug/l	100
89) n-Butylbenzene	12.37	91	665022	52.086	ug/l	99
90) Hexachloroethane	12.58	117	121043	52.427	ug/l	95
91) 1,2-Dichlorobenzene	12.37	146	340730	50.612	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56977	49.095	ug/l	95

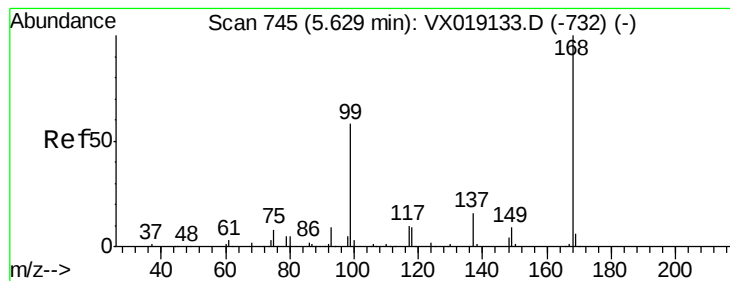
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	231985	45.876	ug/l	95
94) Hexachlorobutadiene	13.76	225	96434	43.322	ug/l	98
95) Naphthalene	13.82	128	766883	48.152	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	224094	45.681	ug/l	99

(#) = 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: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

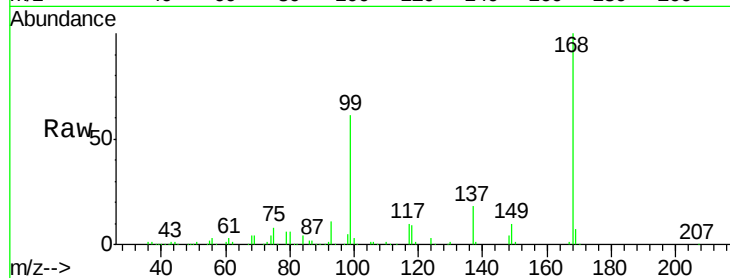
VSTDCCC050

Tot Ion:168 Resp: 271215

Ion Ratio Lower Upper

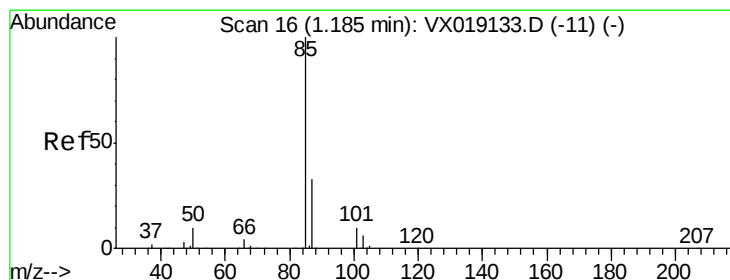
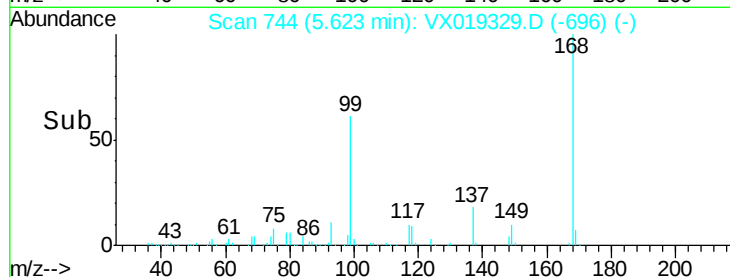
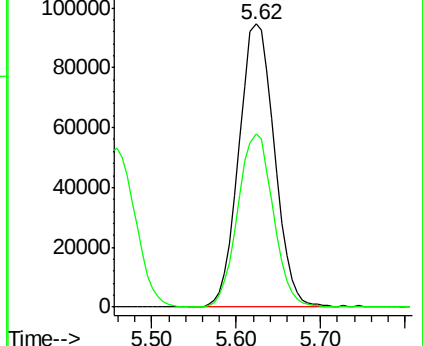
168 100

99 61.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.975 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019329.D

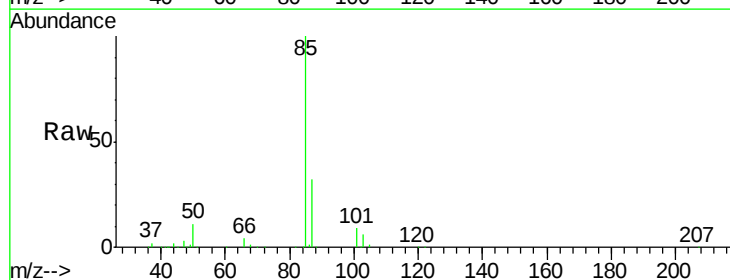
Acq: 06 Nov 2020 10:02

Tgt Ion: 85 Resp: 115256

Ion Ratio Lower Upper

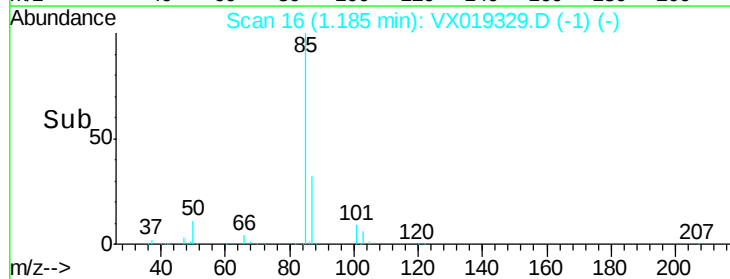
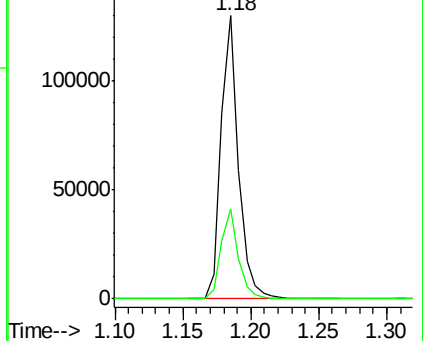
85 100

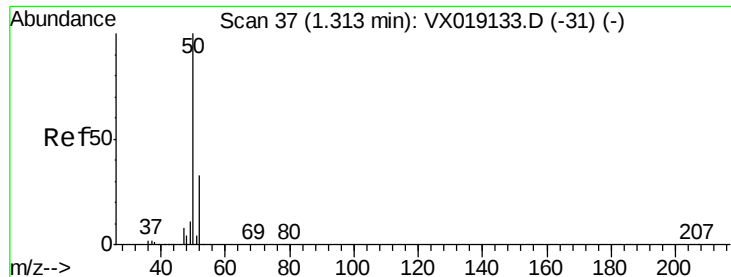
87 32.0 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.214 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

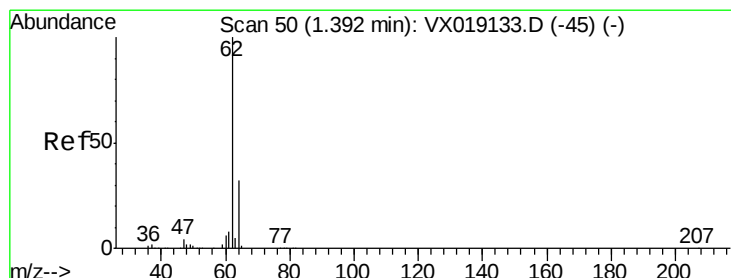
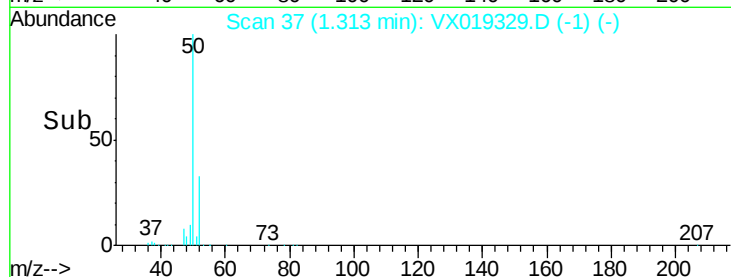
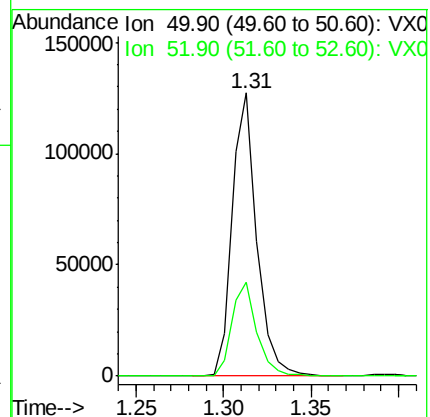
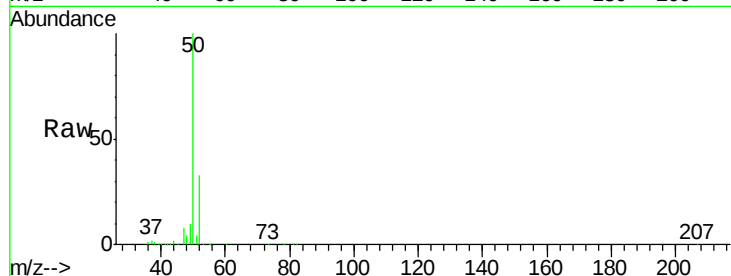
VSTDCCC050

Tot Ion: 50 Resp: 124314

Ion Ratio Lower Upper

50 100

52 33.4 26.8 40.2



#4

Vinyl Chloride

Concen: 52.347 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019329.D

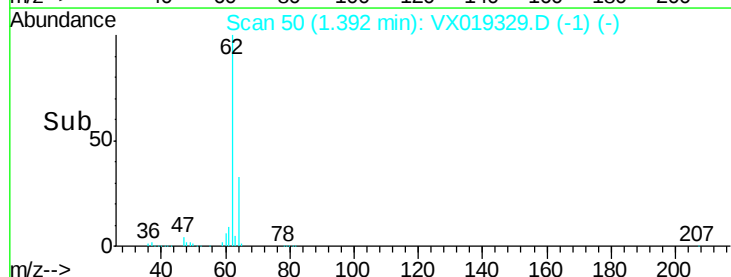
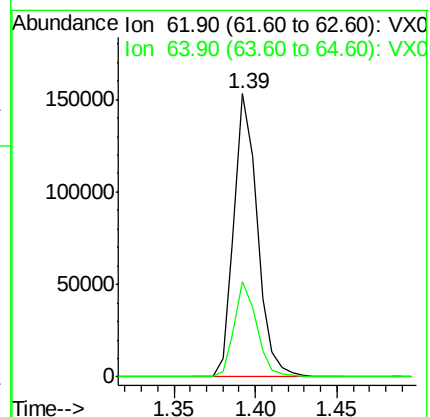
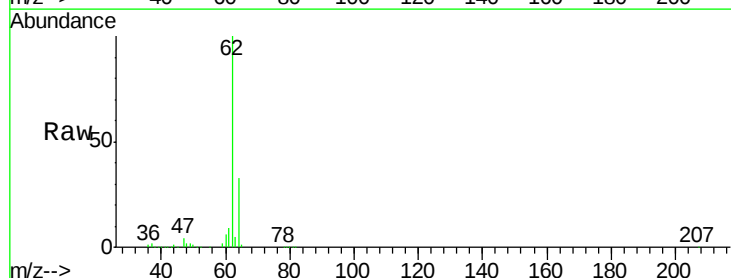
Acq: 06 Nov 2020 10:02

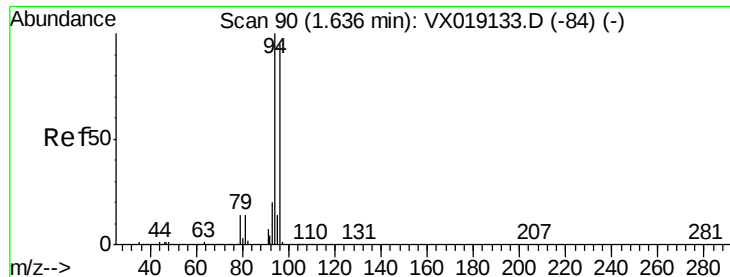
Tgt Ion: 62 Resp: 153348

Ion Ratio Lower Upper

62 100

64 33.5 25.4 38.0





#5

Bromomethane

Concen: 48.791 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

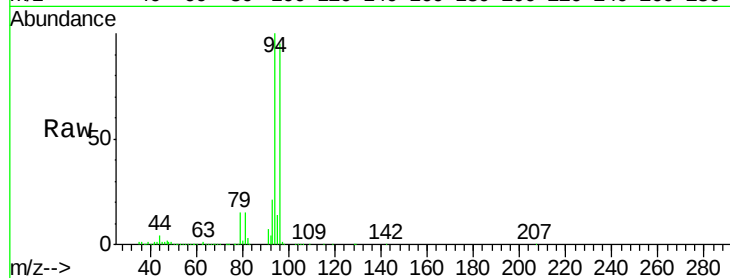
VSTDCCC050

Tot Ion: 94 Resp: 97611

Ion Ratio Lower Upper

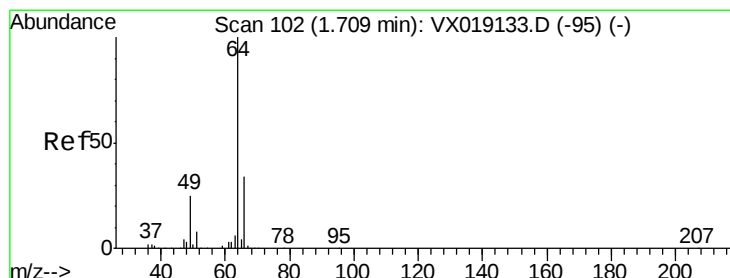
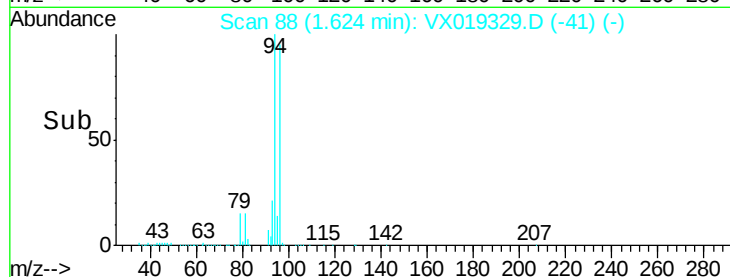
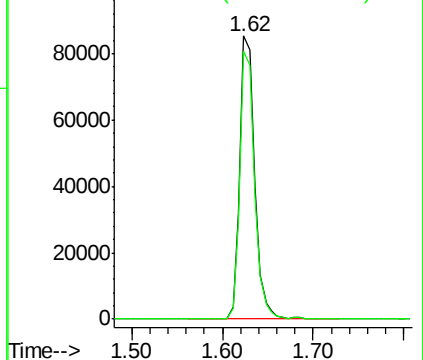
94 100

96 94.8 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.163 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019329.D

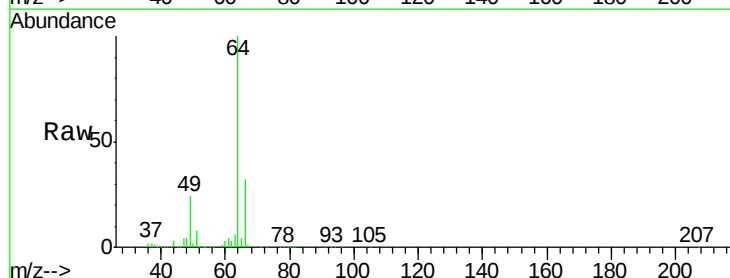
Acq: 06 Nov 2020 10:02

Tgt Ion: 64 Resp: 101306

Ion Ratio Lower Upper

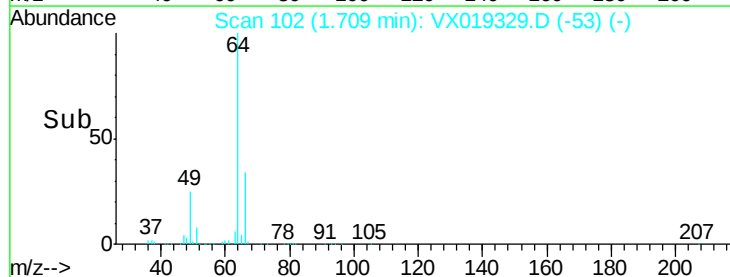
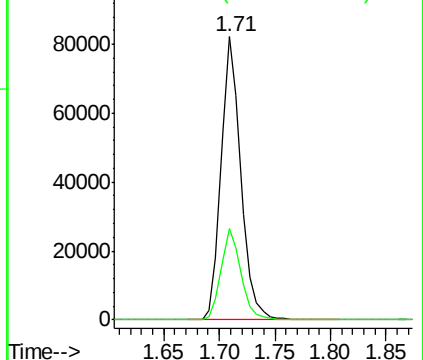
64 100

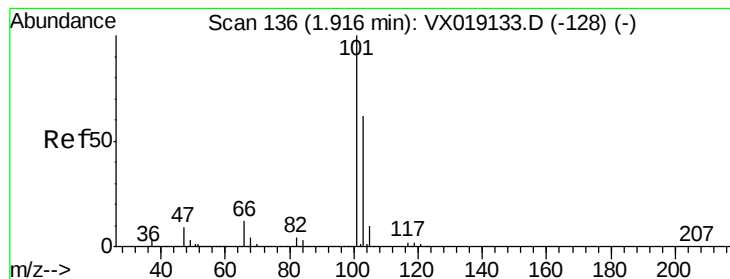
66 32.2 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



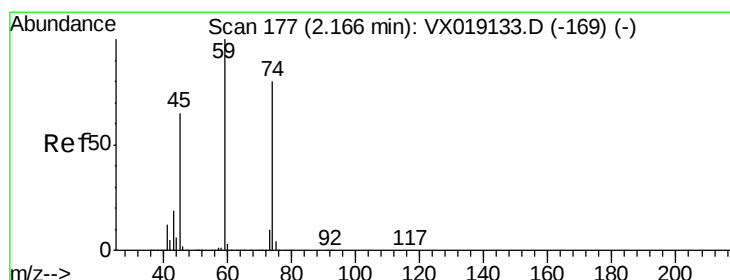
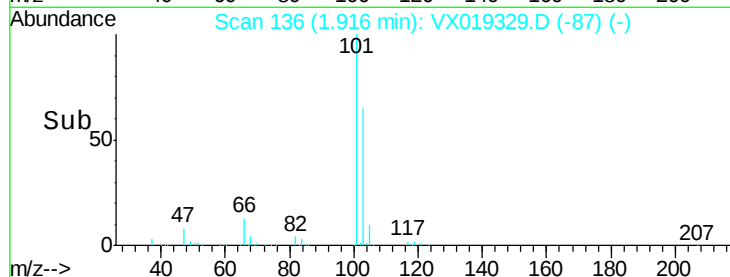
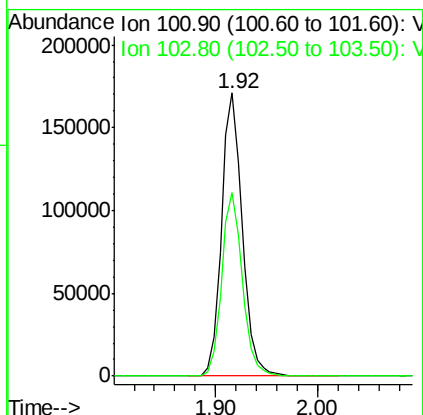
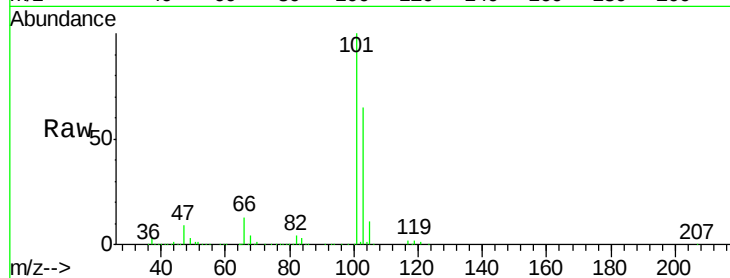


#7

Trichlorofluoromethane
Concen: 52.474 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

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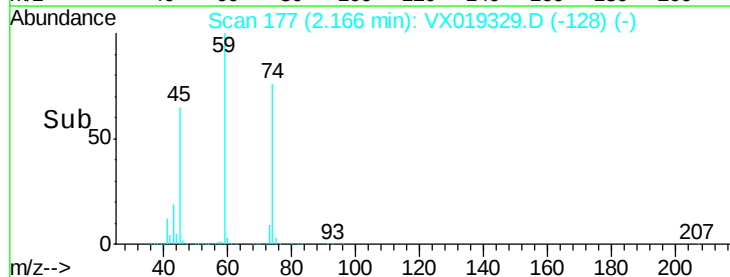
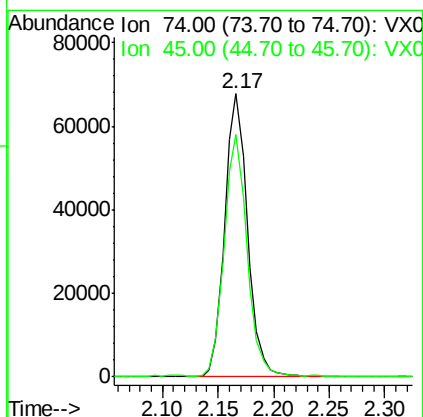
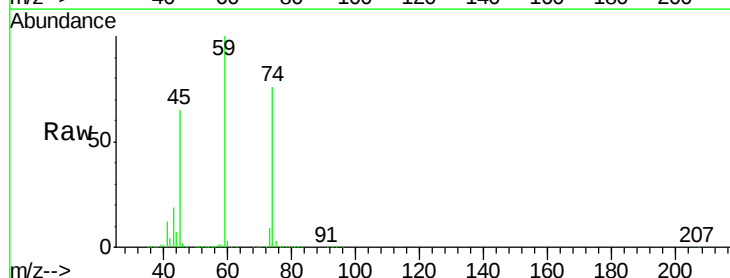
Tot Ion:101 Resp: 241500
Ion Ratio Lower Upper
101 100
103 64.6 50.0 75.0

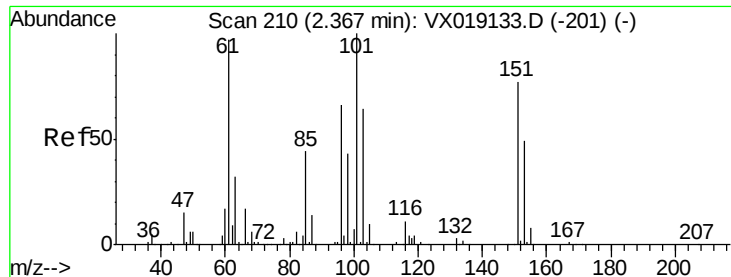


#8

Diethyl Ether
Concen: 54.379 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Tgt Ion: 74 Resp: 96049
Ion Ratio Lower Upper
74 100
45 86.4 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.646 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

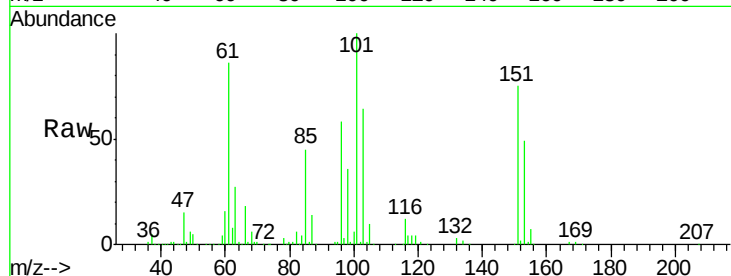
Tot Ion:101 Resp: 136847

Ion Ratio Lower Upper

101 100

85 44.5 35.0 52.4

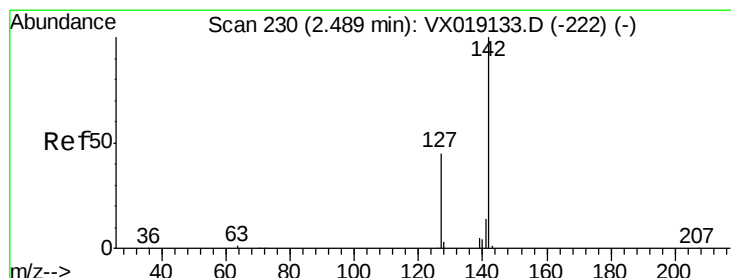
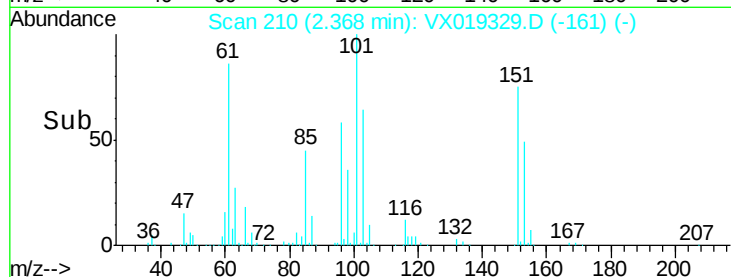
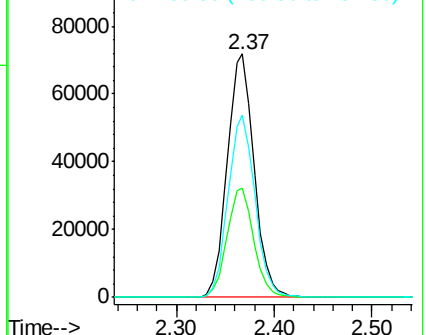
151 74.9 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.497 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

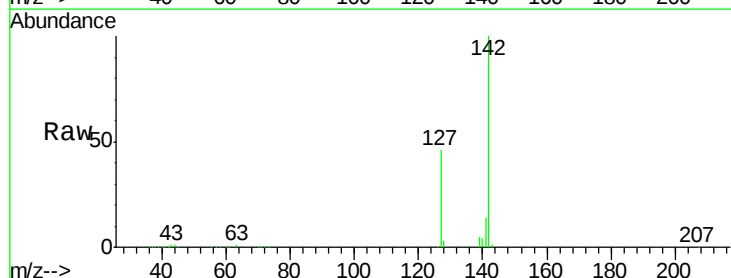
Tgt Ion:142 Resp: 141911

Ion Ratio Lower Upper

142 100

127 45.1 36.1 54.1

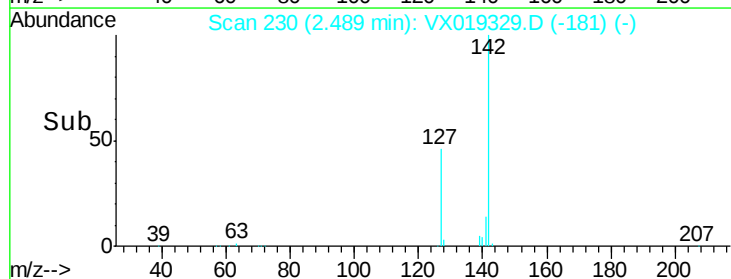
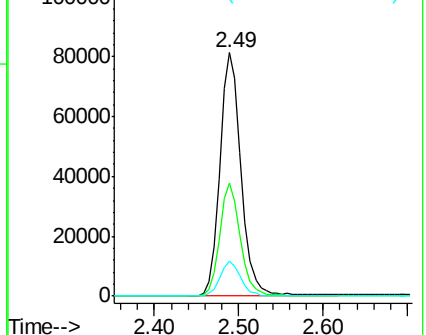
141 14.0 11.3 16.9

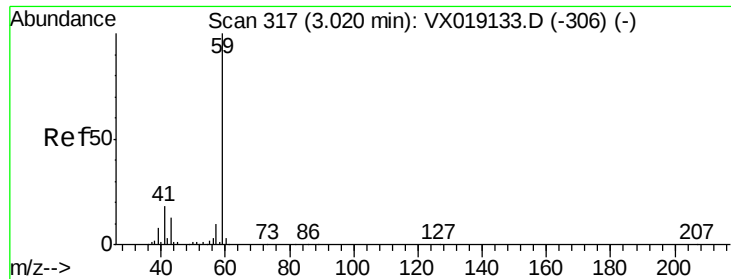


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



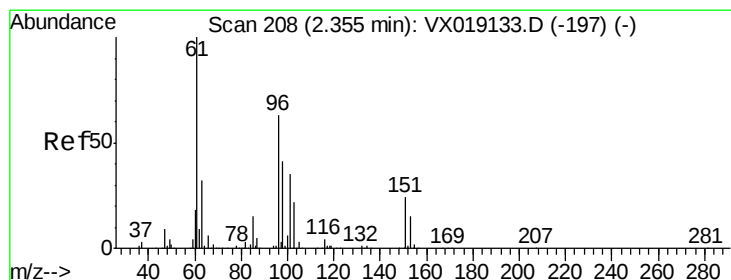
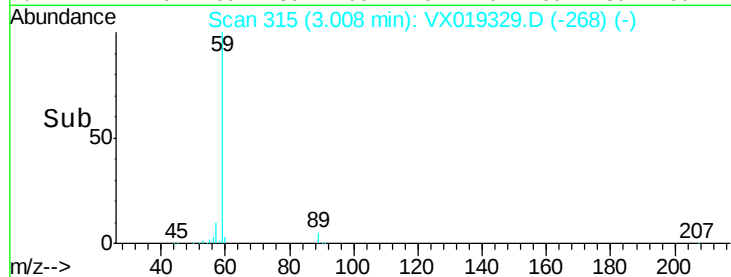
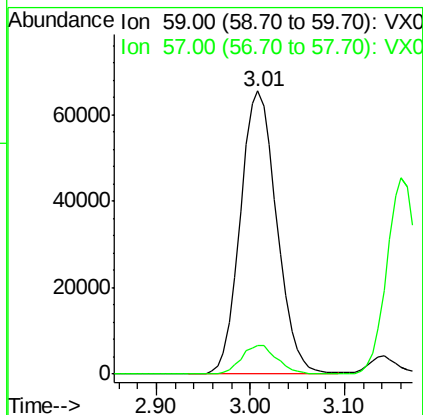
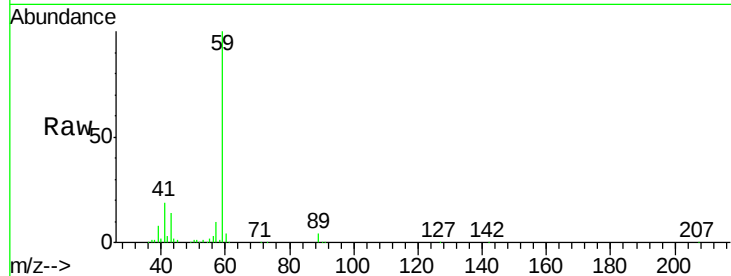


#11

Tert butyl alcohol
Concen: 256.900 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

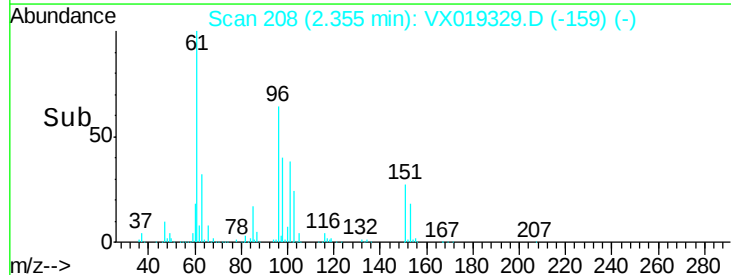
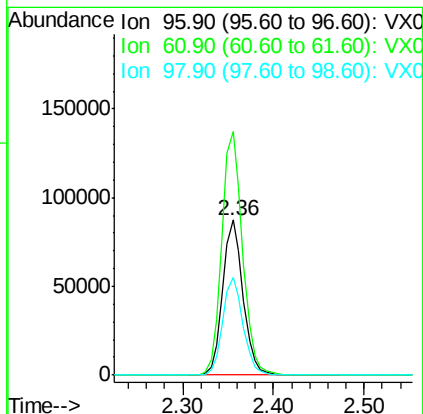
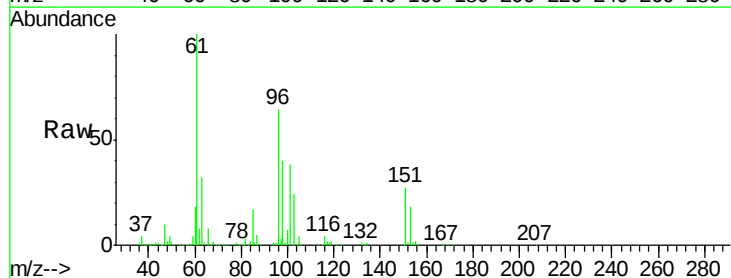
Tot Ion: 59 Resp: 177476
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6

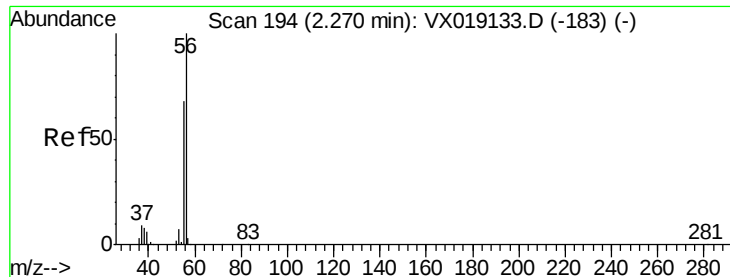


#12

1,1-Dichloroethene
Concen: 52.031 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Tgt Ion: 96 Resp: 136773
Ion Ratio Lower Upper
96 100
61 157.0 127.7 191.5
98 63.2 52.1 78.1





#13

Acrolein

Concen: 256.302 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

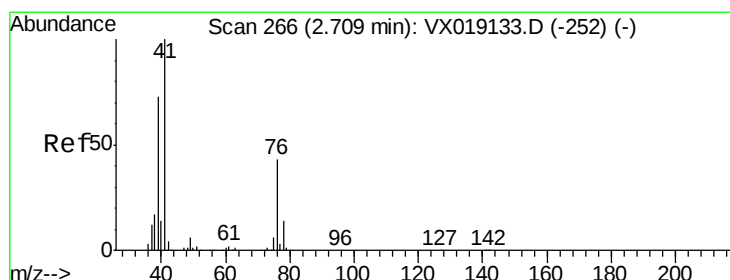
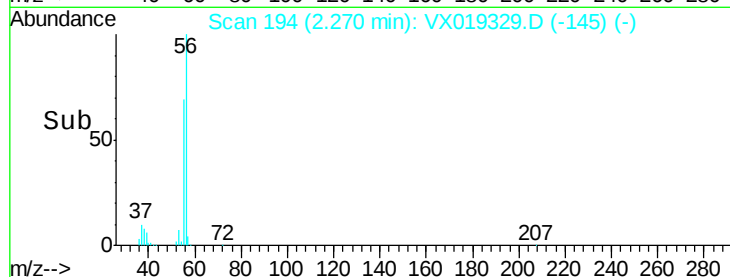
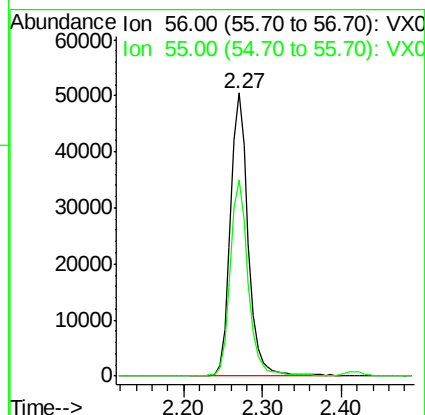
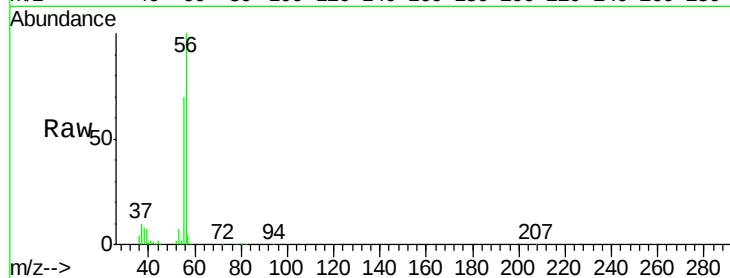
VSTDCCC050

Tot Ion: 56 Resp: 79210

Ion Ratio Lower Upper

56 100

55 69.3 54.7 82.1



#14

Allyl chloride

Concen: 55.551 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

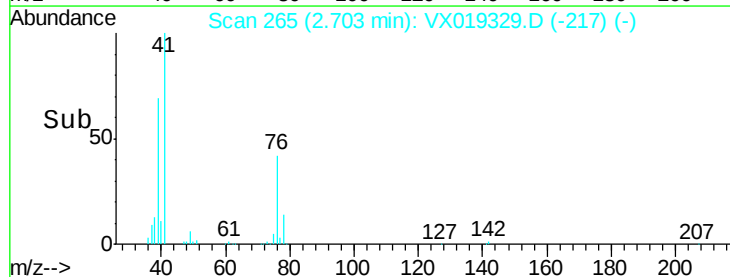
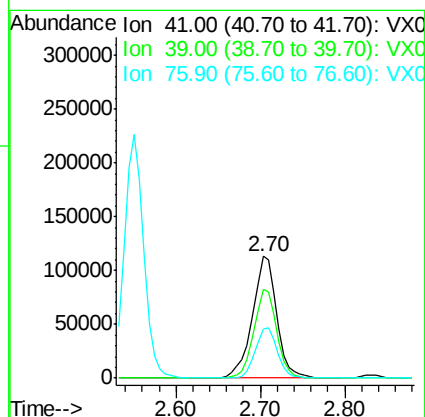
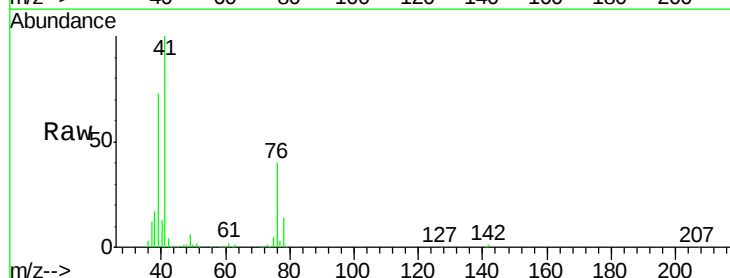
Tgt Ion: 41 Resp: 221178

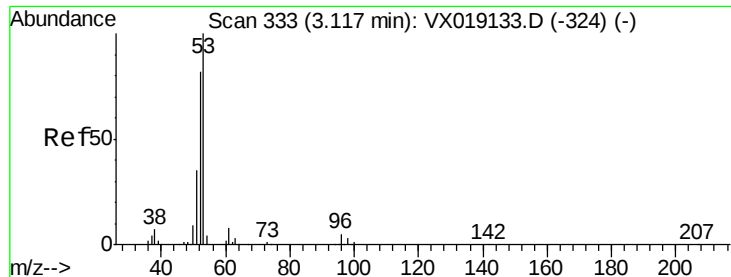
Ion Ratio Lower Upper

41 100

39 68.6 55.2 82.8

76 37.6 31.5 47.3





#15

Acrylonitrile

Concen: 273.422 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

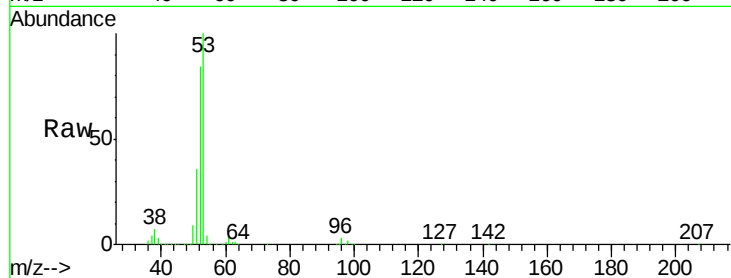
Tot Ion: 53 Resp: 396925

Ion Ratio Lower Upper

53 100

52 82.3 65.7 98.5

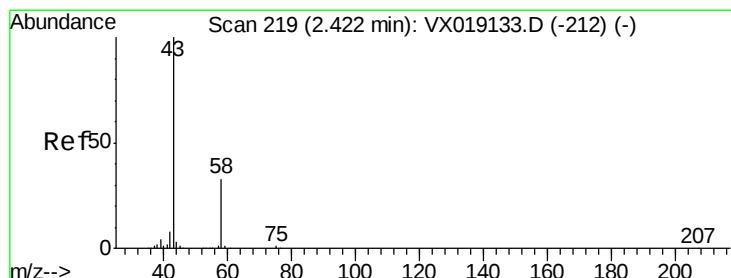
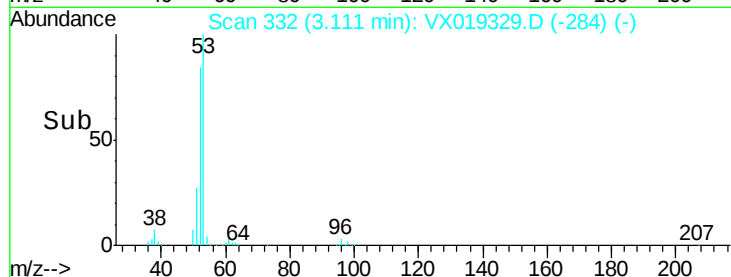
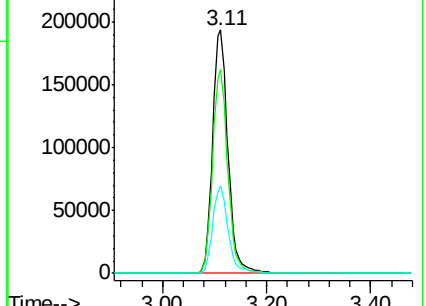
51 36.1 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 289.302 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019329.D

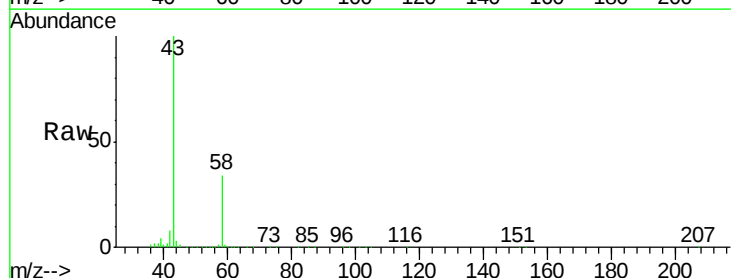
Acq: 06 Nov 2020 10:02

Tgt Ion: 43 Resp: 349081

Ion Ratio Lower Upper

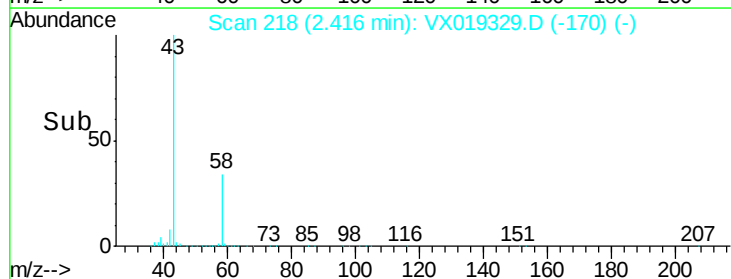
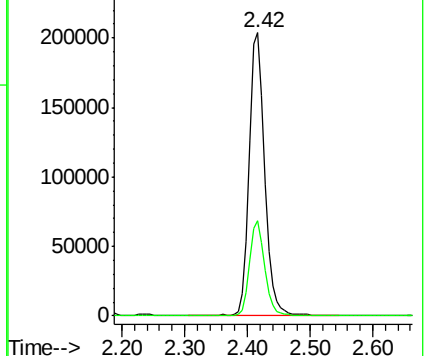
43 100

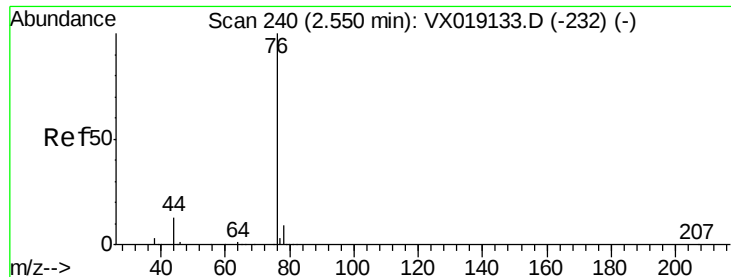
58 33.7 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.473 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

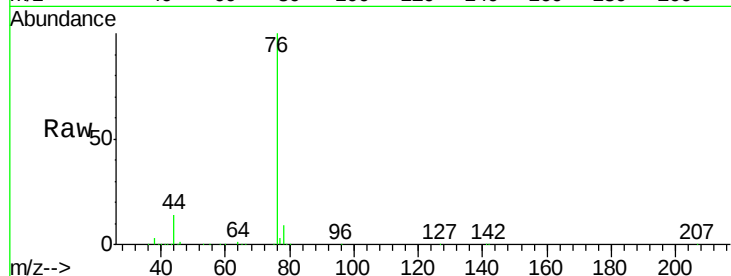
VSTDCCC050

Tot Ion: 76 Resp: 363030

Ion Ratio Lower Upper

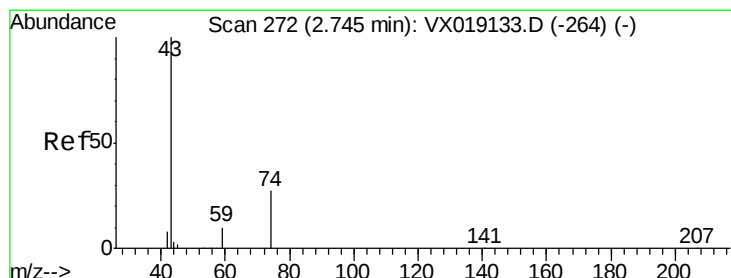
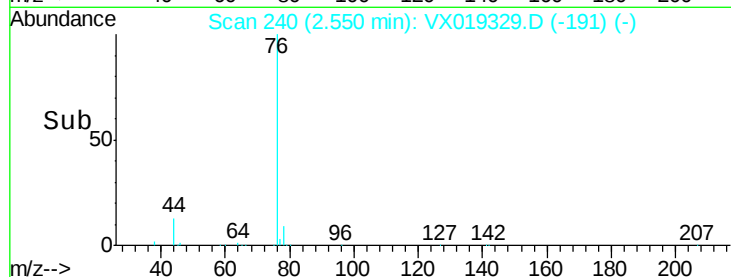
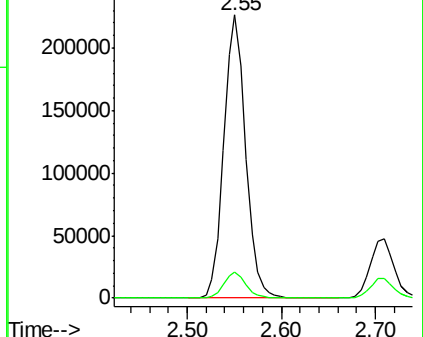
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.432 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019329.D

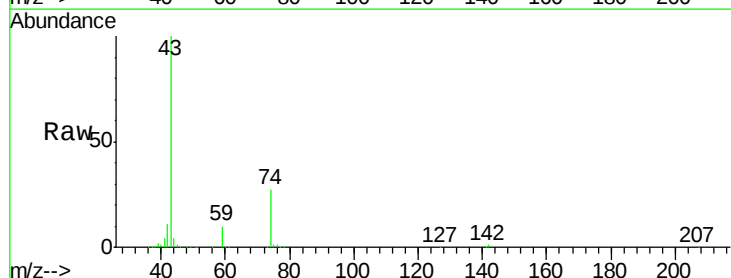
Acq: 06 Nov 2020 10:02

Tgt Ion: 43 Resp: 162648

Ion Ratio Lower Upper

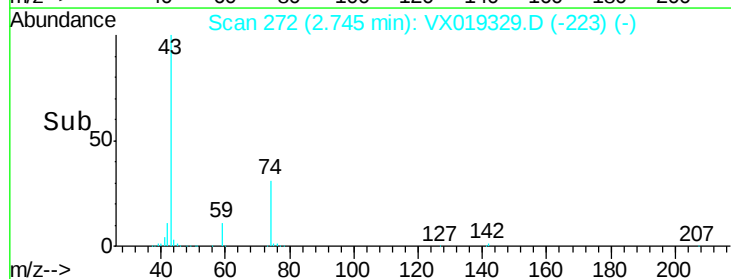
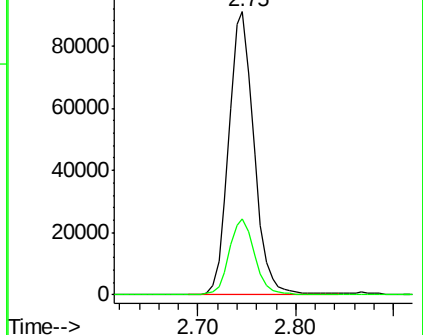
43 100

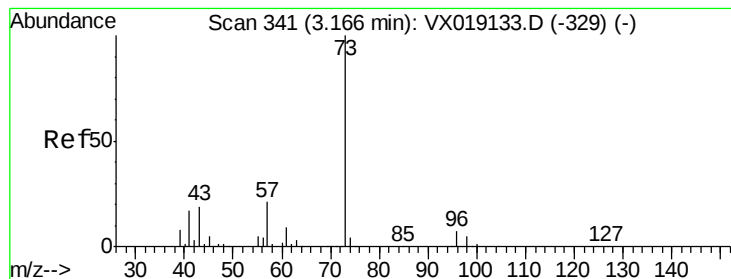
74 27.4 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



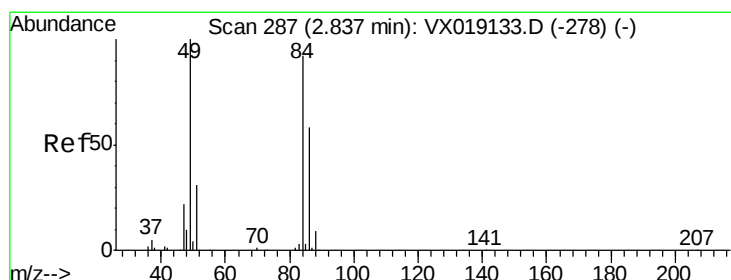
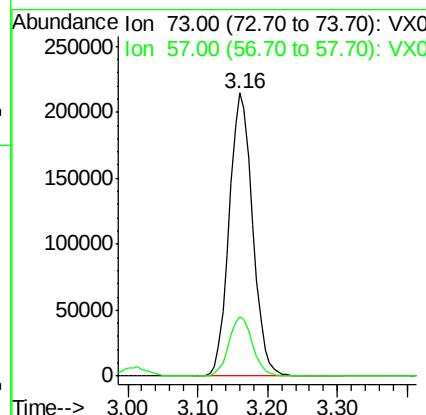
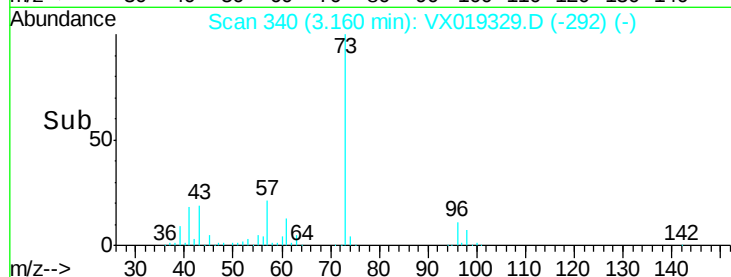
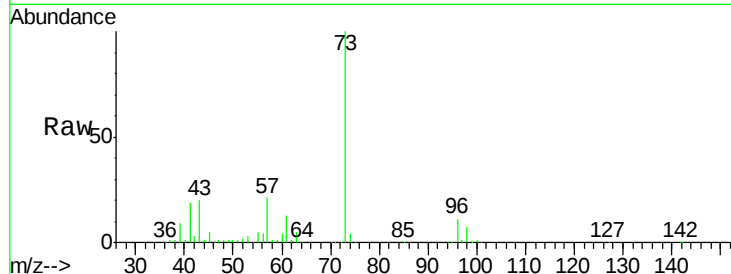


#19

Methyl tert-butyl Ether
 Concen: 54.838 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

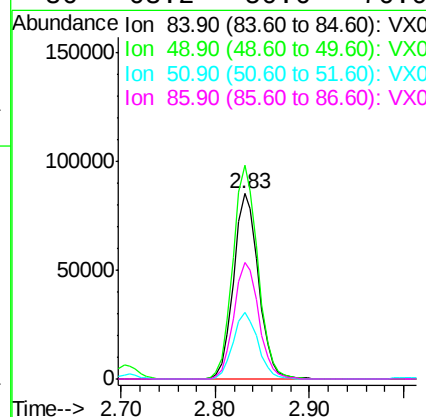
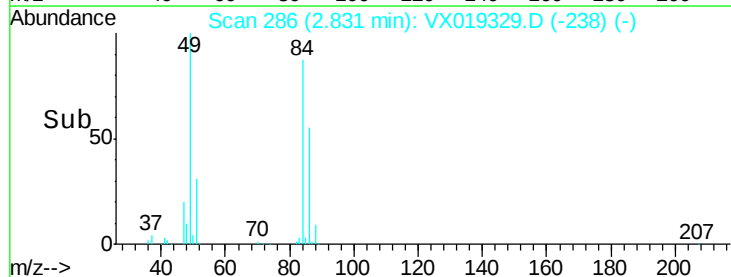
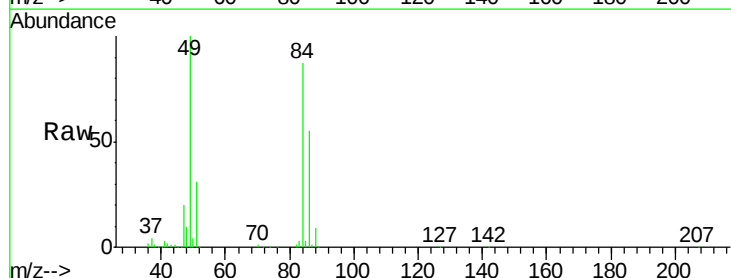
Tot Ion: 73 Resp: 499464
 Ion Ratio Lower Upper
 73 100
 57 21.2 16.6 25.0

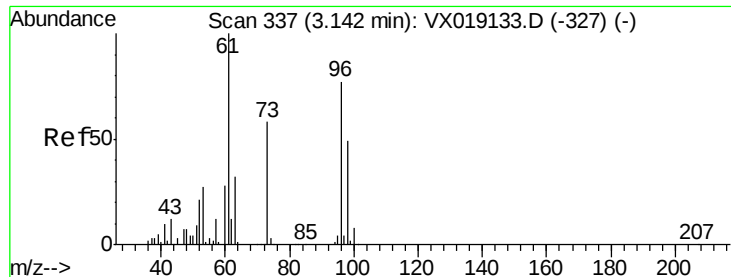


#20

Methylene Chloride
 Concen: 51.667 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

Tgt Ion: 84 Resp: 156515
 Ion Ratio Lower Upper
 84 100
 49 115.3 86.8 130.2
 51 35.7 27.3 40.9
 86 63.2 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 50.945 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

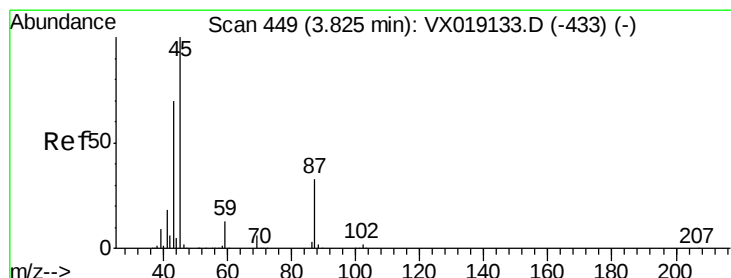
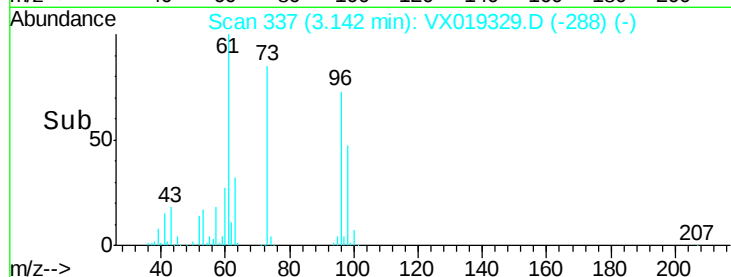
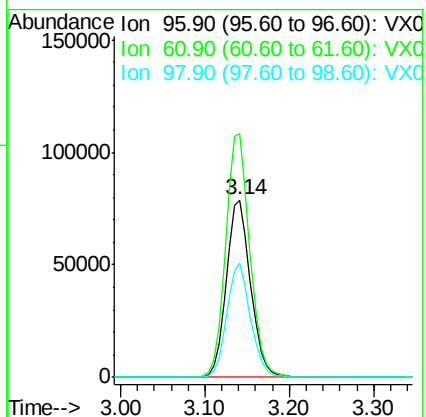
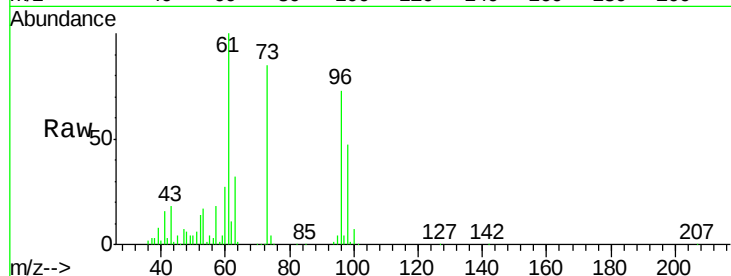
Tot Ion: 96 Resp: 154124

Ion Ratio Lower Upper

96 100

61 137.5 104.2 156.4

98 64.5 51.3 76.9



#22

Diisopropyl ether

Concen: 57.429 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Tgt Ion: 45 Resp: 455848

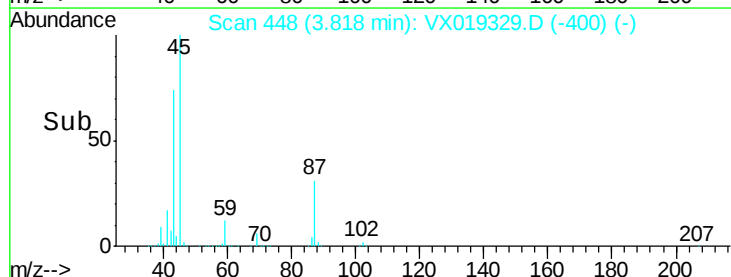
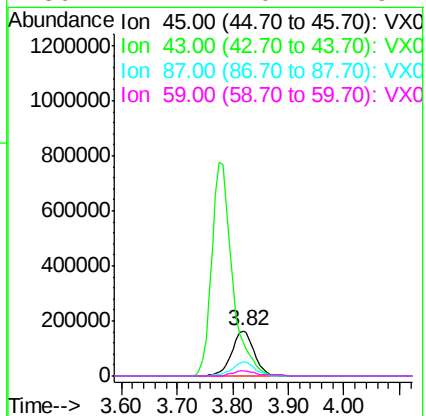
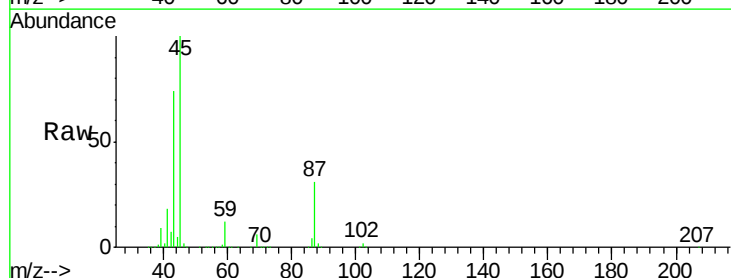
Ion Ratio Lower Upper

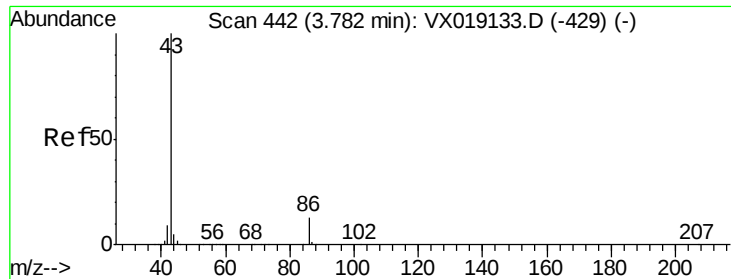
45 100

43 73.5 56.2 84.4

87 30.8 26.2 39.2

59 12.4 10.1 15.1





#23

Vinyl Acetate

Concen: 282.997 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

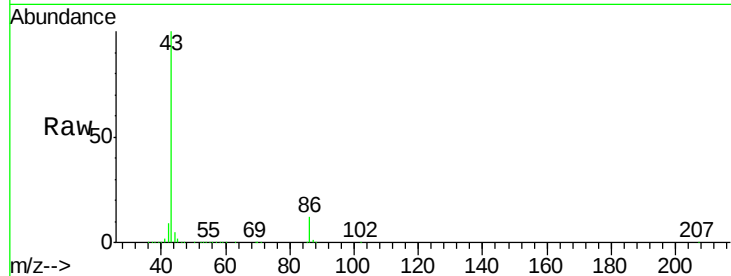
VSTDCCC050

Tot Ion: 43 Resp: 2003166

Ion Ratio Lower Upper

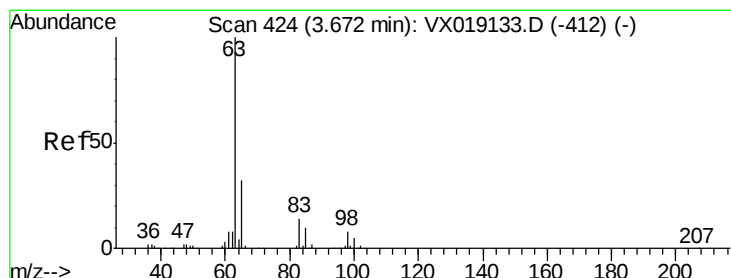
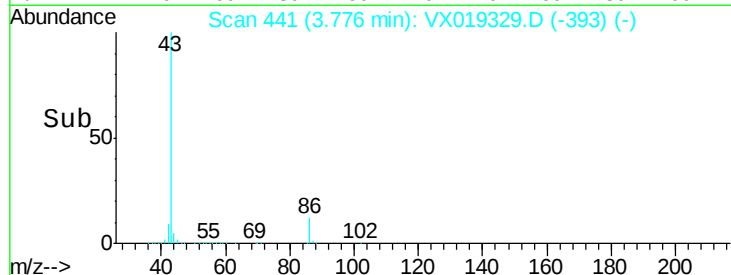
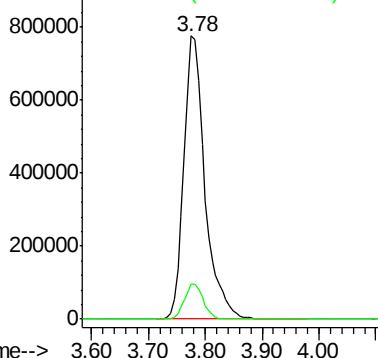
43 100

86 12.2 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.839 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

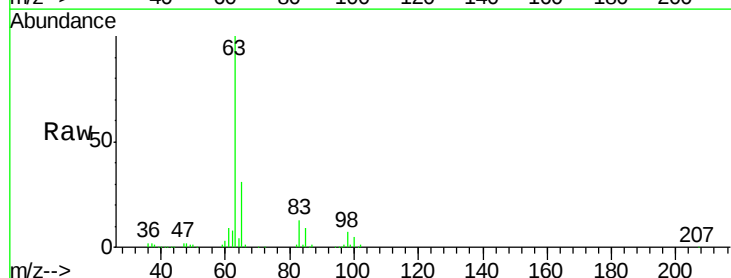
Tgt Ion: 63 Resp: 271780

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

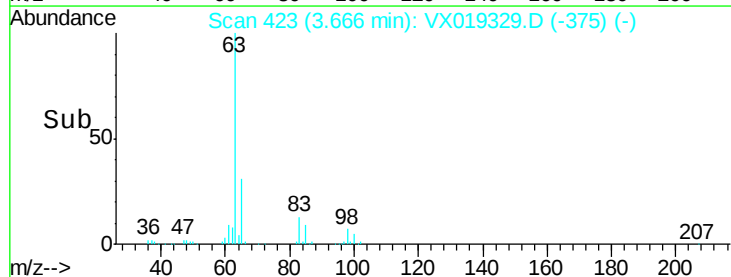
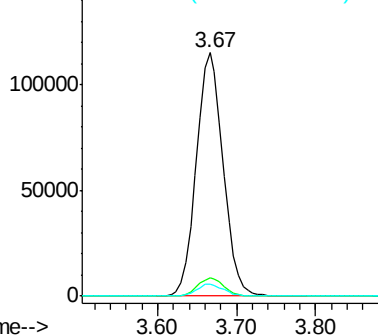
100 5.1 2.4 7.2

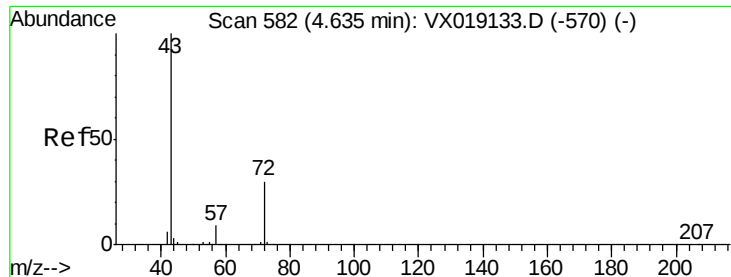


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 281.663 ug/l

RT: 4.62 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

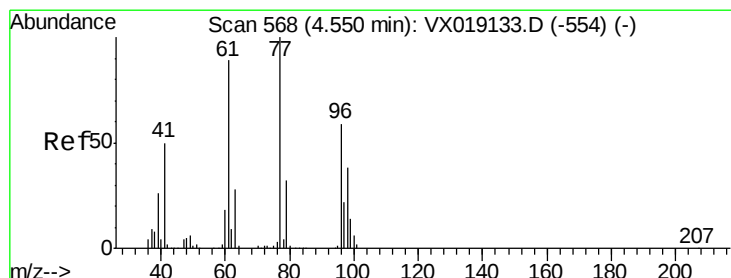
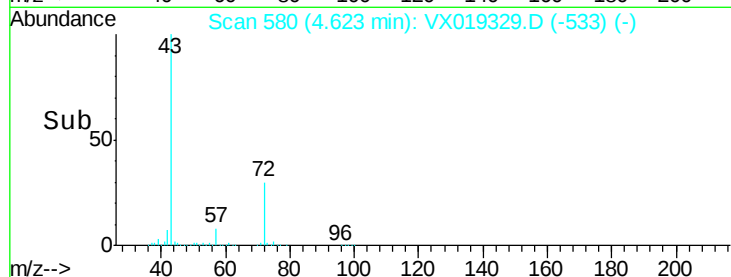
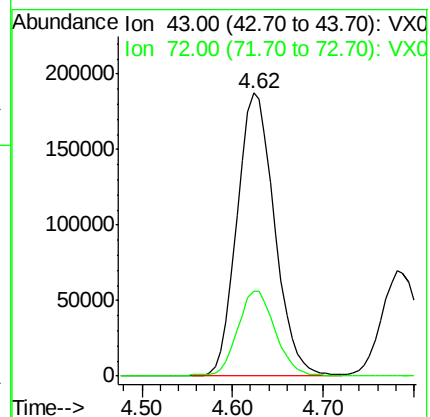
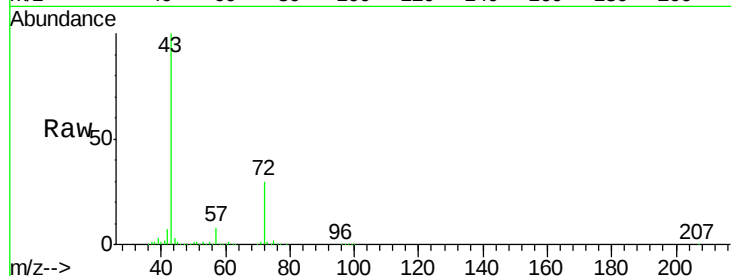
VSTDCCC050

Tot Ion: 43 Resp: 535626

Ion Ratio Lower Upper

43 100

72 30.1 24.6 36.8



#26

2,2-Dichloropropane

Concen: 54.972 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019329.D

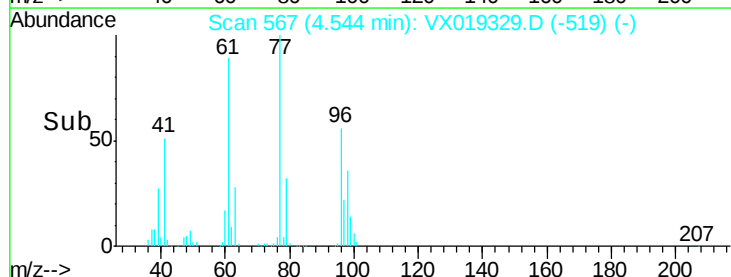
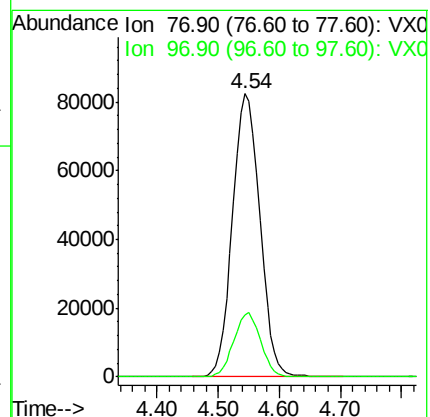
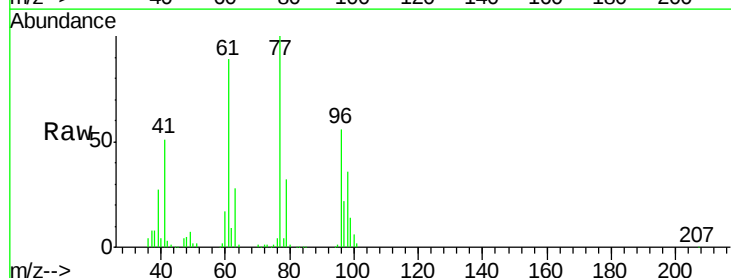
Acq: 06 Nov 2020 10:02

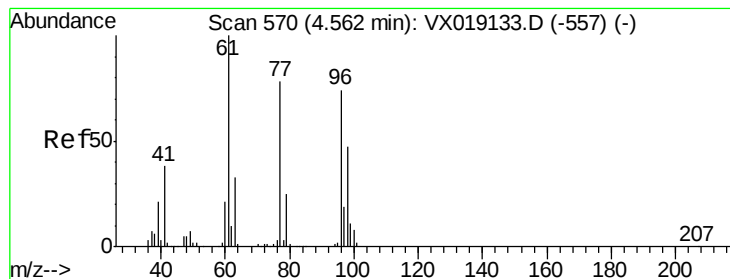
Tgt Ion: 77 Resp: 256115

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.171 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

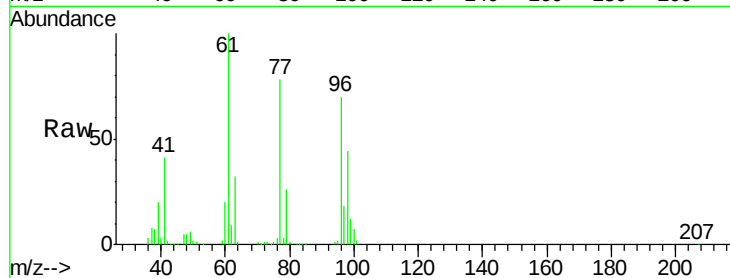
Tot Ion: 96 Resp: 176373

Ion Ratio Lower Upper

96 100

61 147.2 0.0 278.8

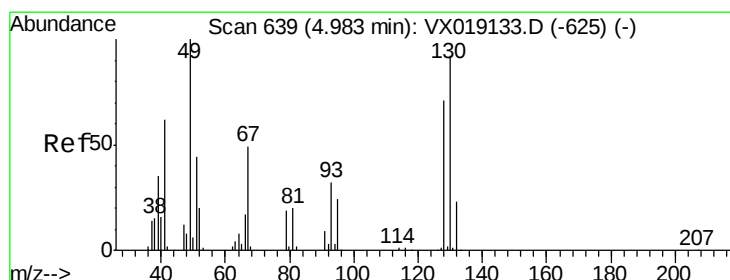
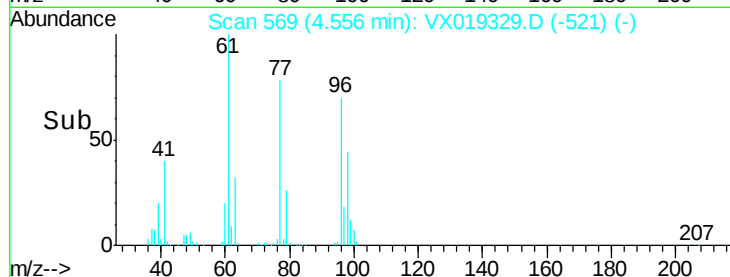
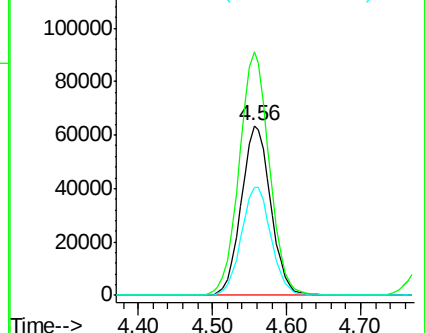
98 64.8 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 50.011 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

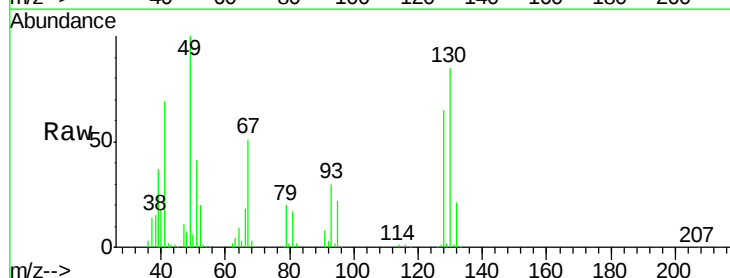
Tgt Ion: 49 Resp: 112676

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

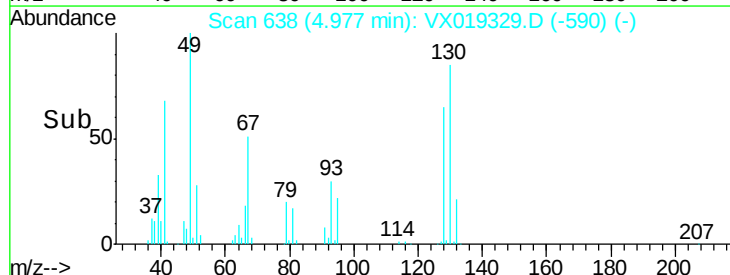
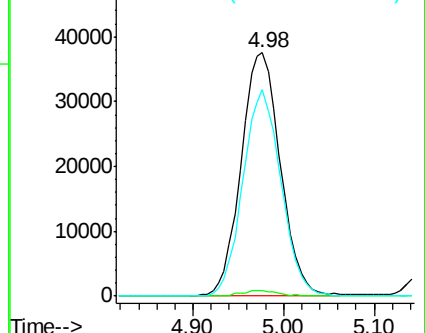
130 82.4 71.3 106.9

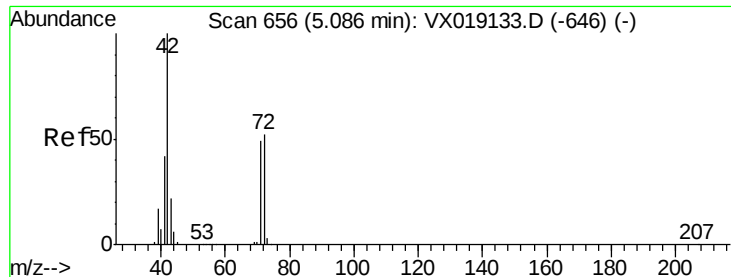


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 278.501 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

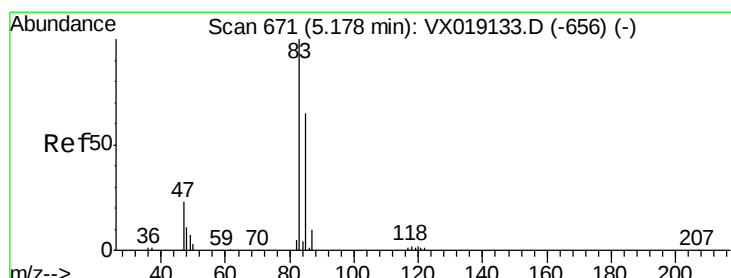
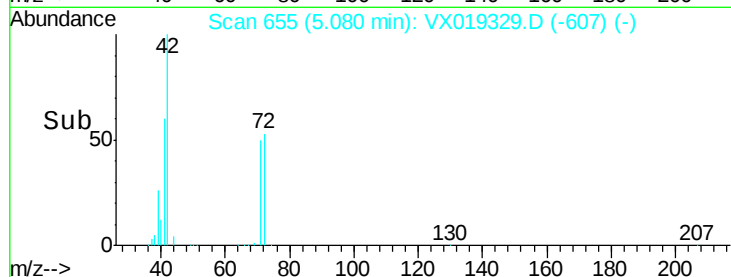
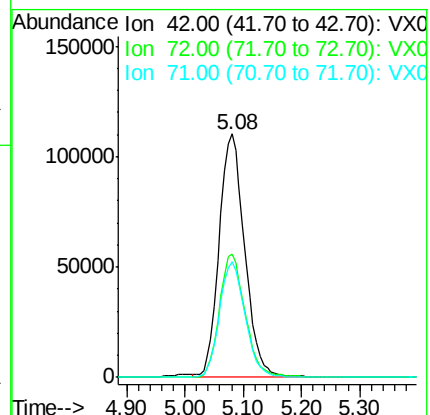
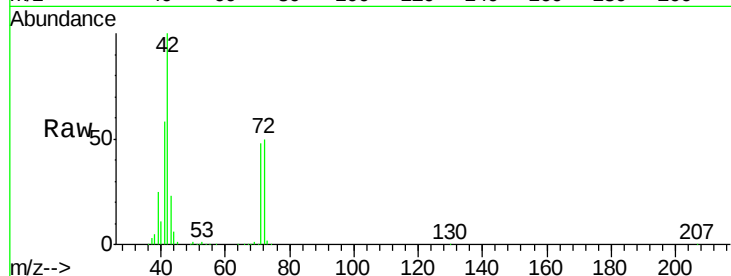
Tot Ion: 42 Resp: 333759

Ion Ratio Lower Upper

42 100

72 51.2 42.6 63.8

71 47.7 39.7 59.5



#30

Chloroform

Concen: 54.402 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019329.D

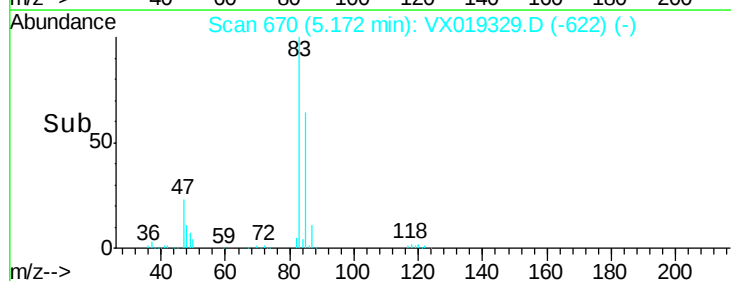
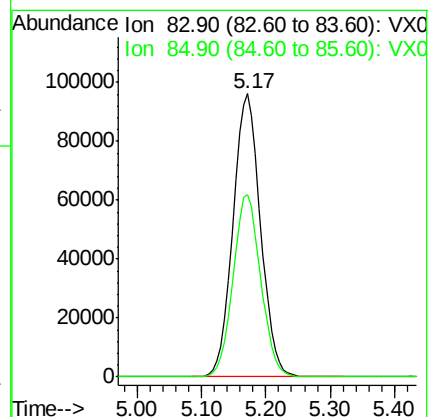
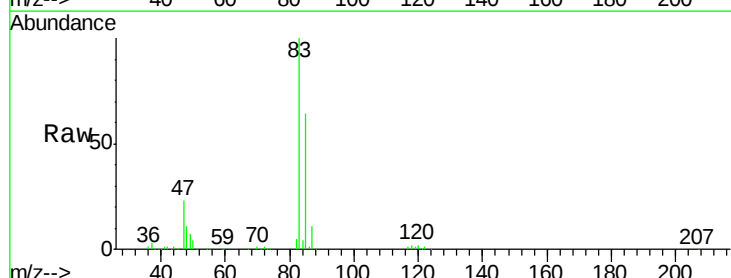
Acq: 06 Nov 2020 10:02

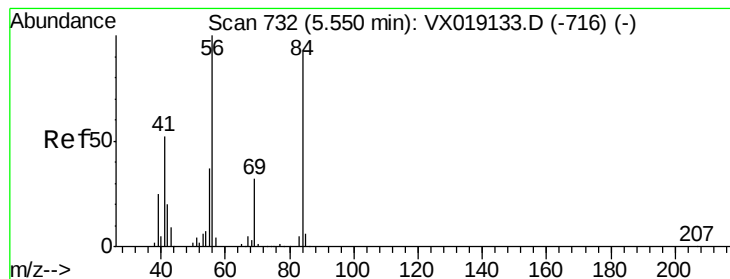
Tgt Ion: 83 Resp: 286978

Ion Ratio Lower Upper

83 100

85 64.2 51.9 77.9





#31

Cyclohexane

Concen: 53.457 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

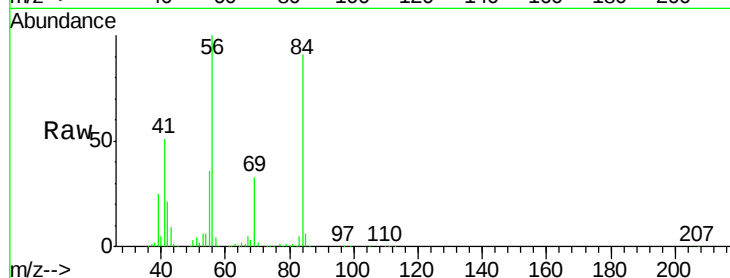
Tot Ion: 56 Resp: 236351

Ion Ratio Lower Upper

56 100

69 32.6 25.9 38.9

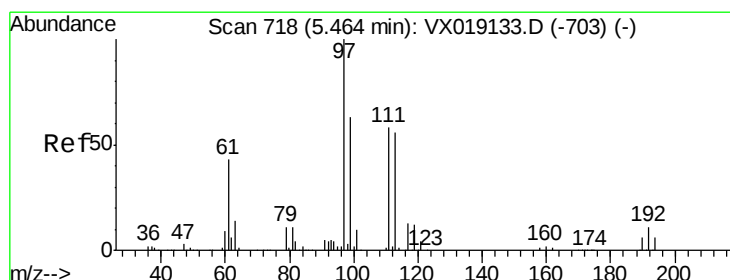
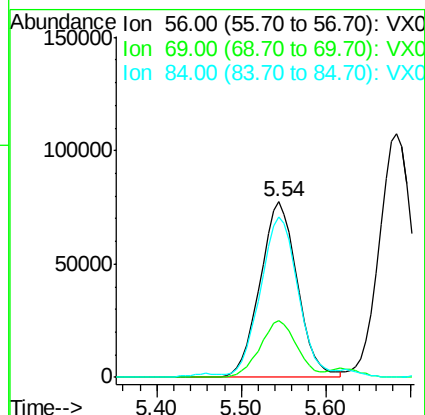
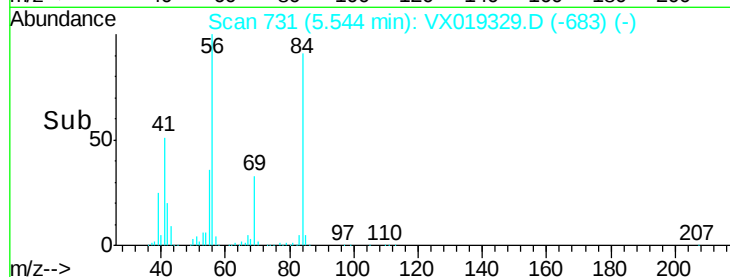
84 90.2 73.4 110.2



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: 53.887 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

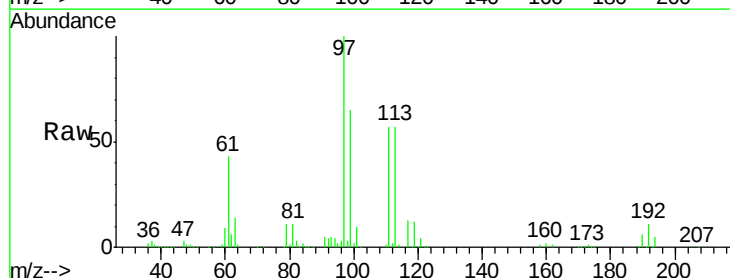
Tgt Ion: 97 Resp: 257720

Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

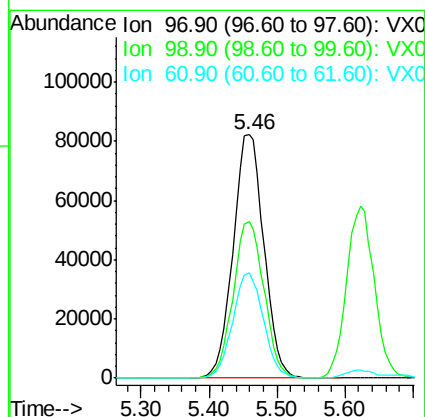
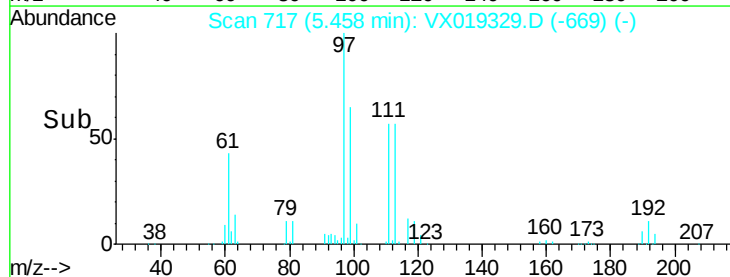
61 42.9 34.2 51.2

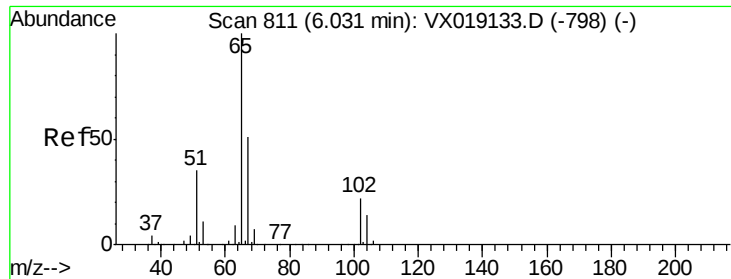


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.667 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

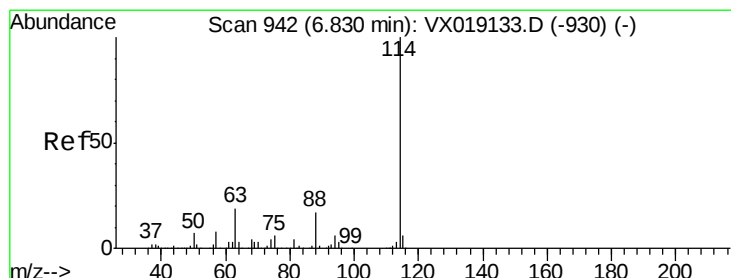
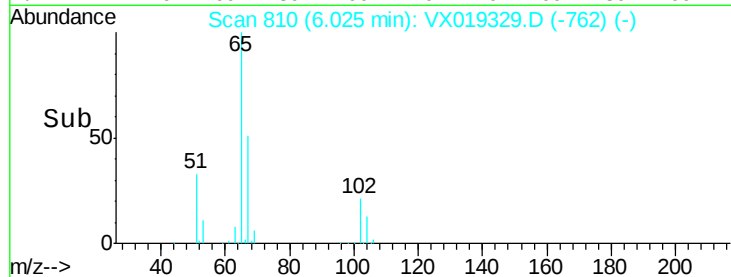
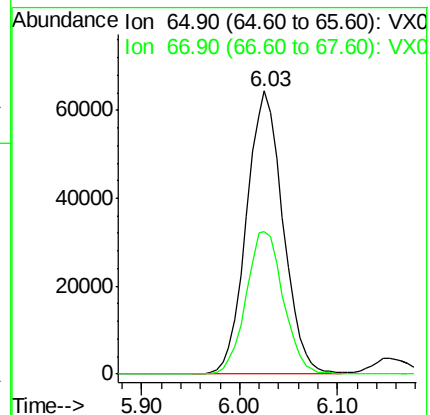
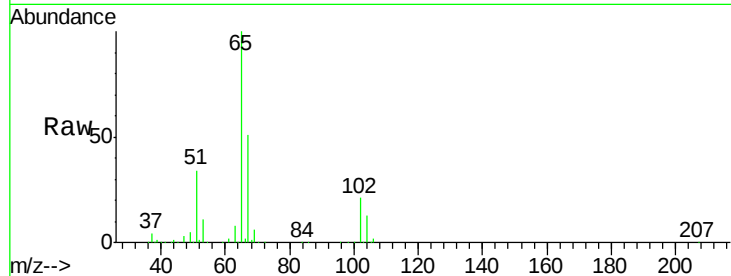
VSTDCCC050

Tot Ion: 65 Resp: 166724

Ion Ratio Lower Upper

65 100

67 51.4 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: VX019329.D

Acq: 06 Nov 2020 10:02

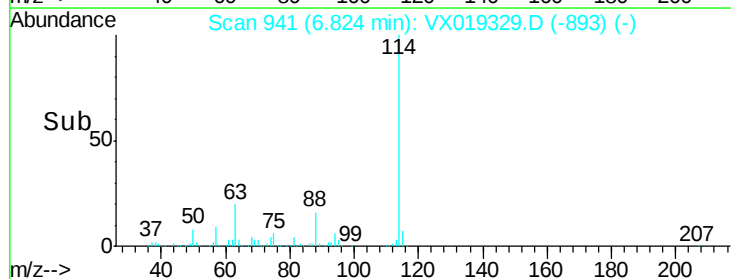
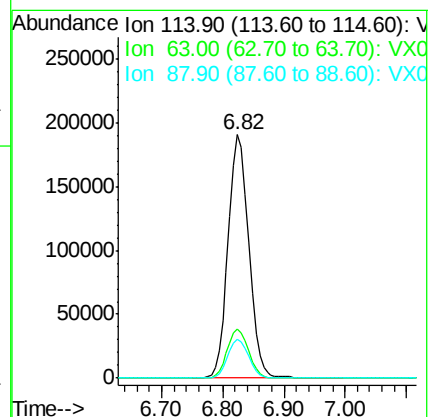
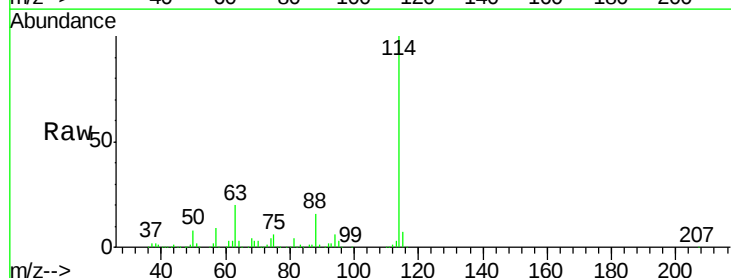
Tgt Ion: 114 Resp: 447052

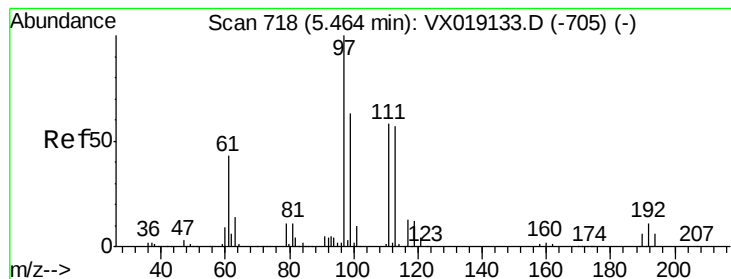
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

88 16.2 0.0 34.2





#35

Dibromofluoromethane

Concen: 47.216 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

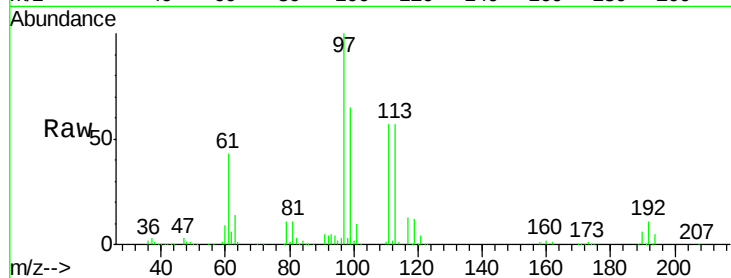
Tot Ion:113 Resp: 132588

Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

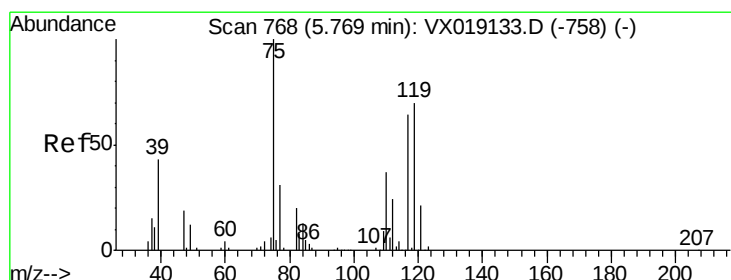
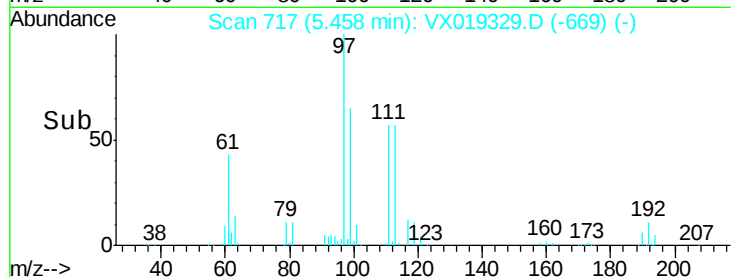
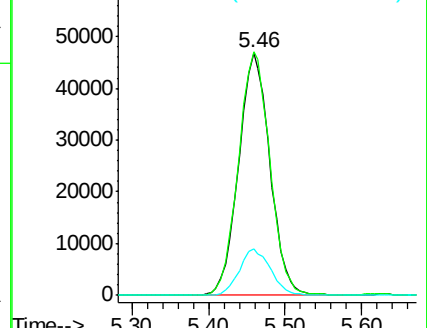
192 19.1 16.2 24.2



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: 53.189 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

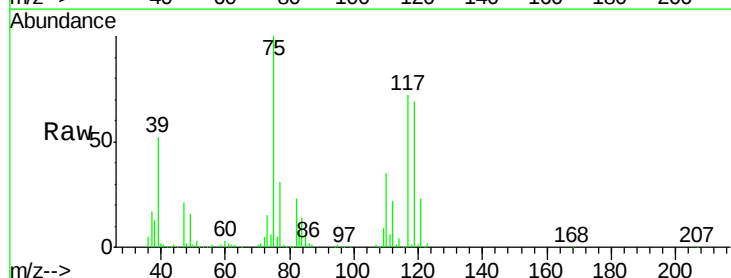
Tgt Ion: 75 Resp: 219574

Ion Ratio Lower Upper

75 100

110 35.4 18.3 54.9

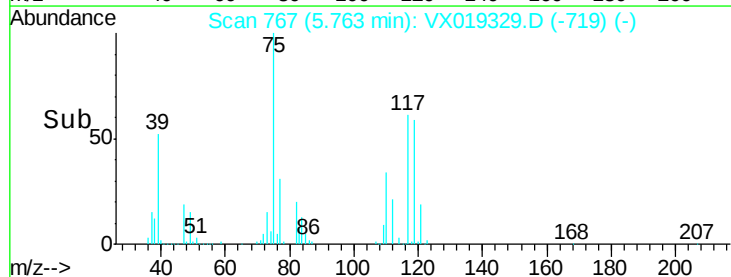
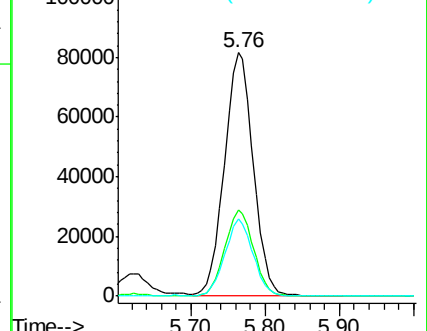
77 31.0 24.9 37.3

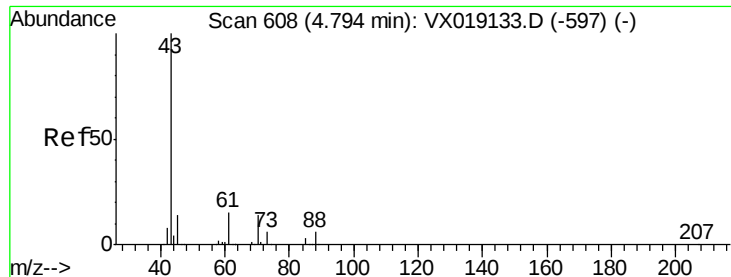


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

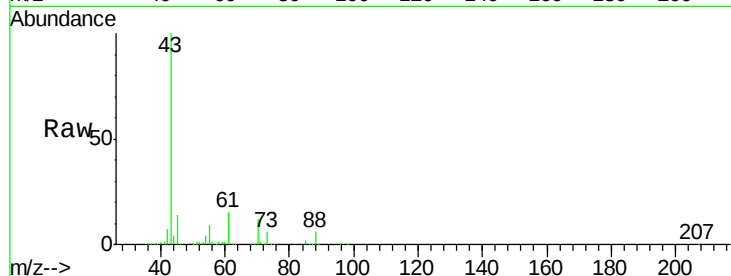




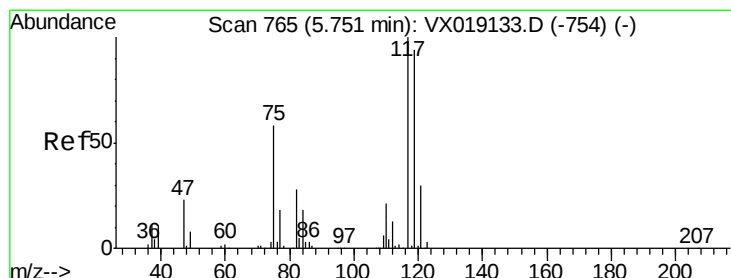
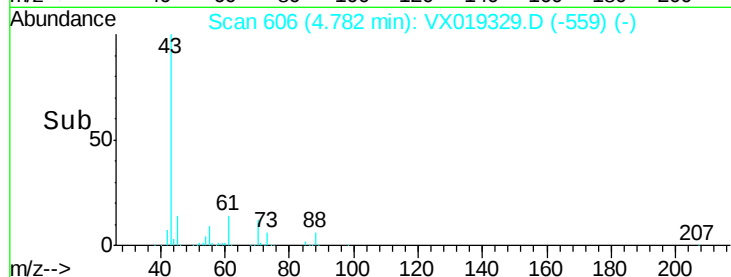
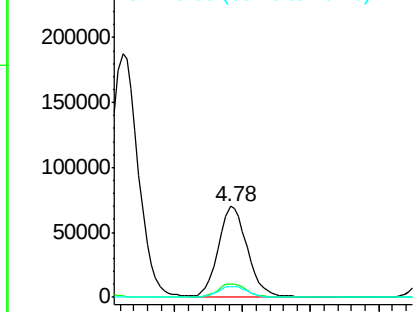
#37
Ethyl Acetate
Concen: 53.908 ug/l
RT: 4.78 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 206625
Ion Ratio Lower Upper
43 100
61 15.2 12.5 18.7
70 12.6 10.5 15.7

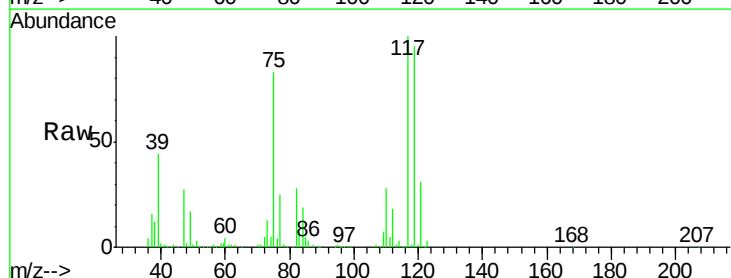


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

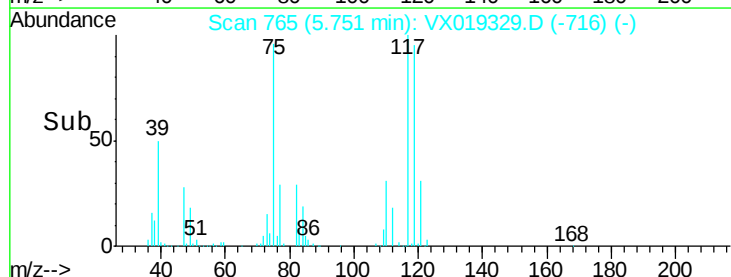
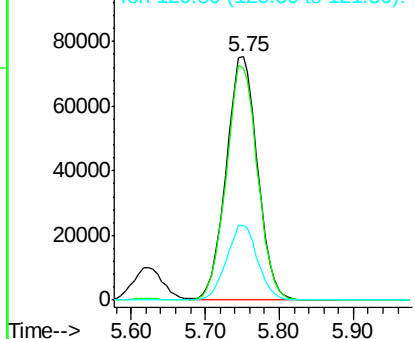


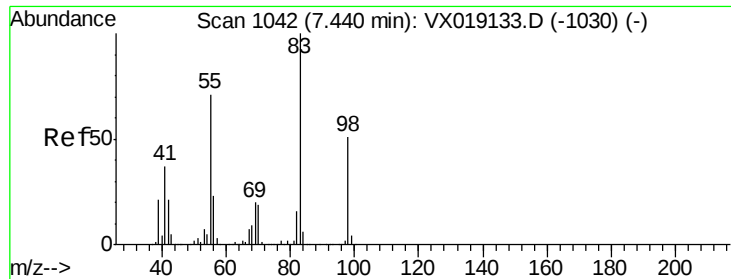
#38
Carbon Tetrachloride
Concen: 52.793 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Tgt Ion: 117 Resp: 222146
Ion Ratio Lower Upper
117 100
119 95.2 75.0 112.6
121 30.7 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

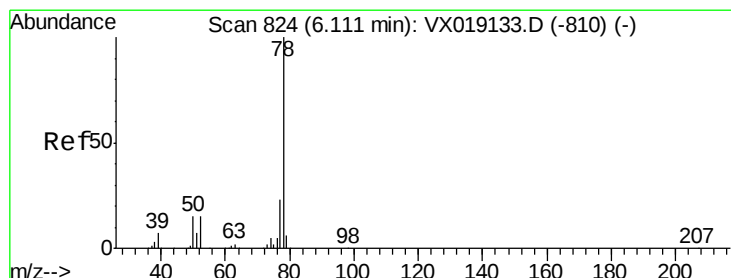
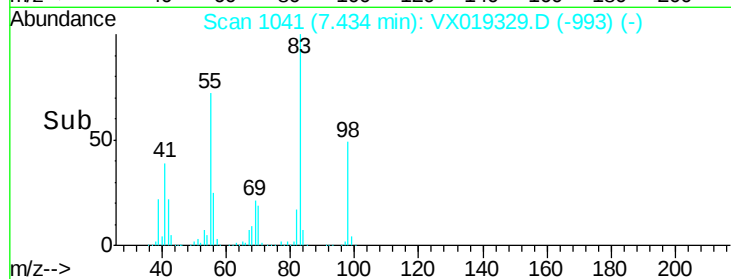
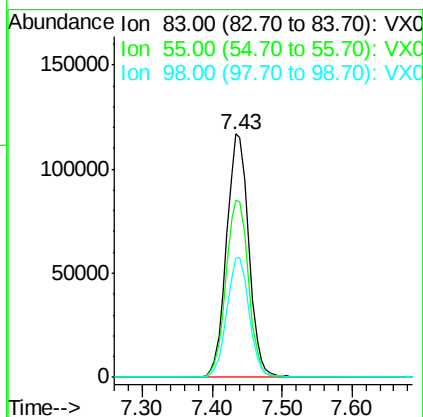
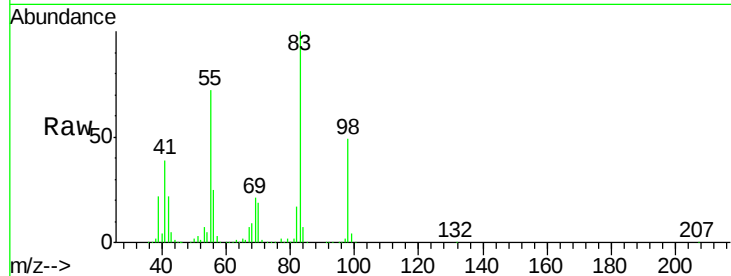




#39
Methvlcvclohexane
Concen: 52.397 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

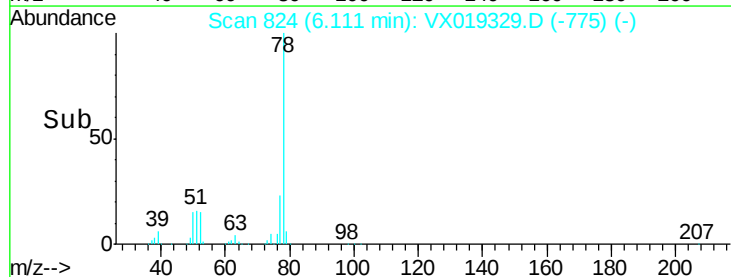
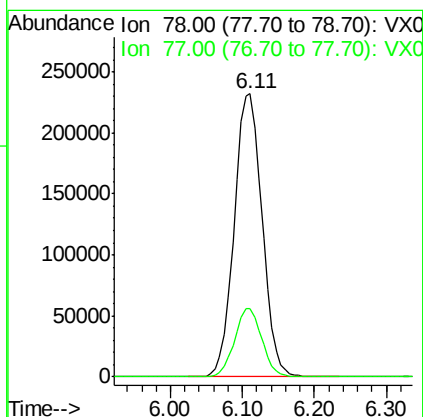
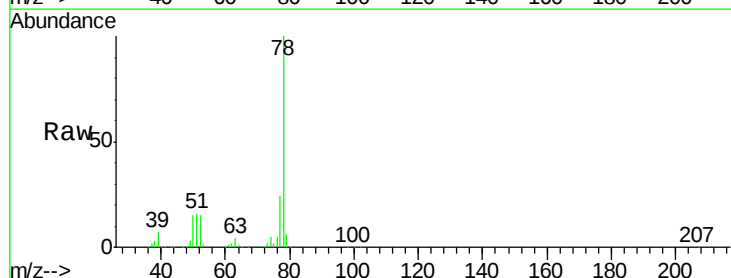
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

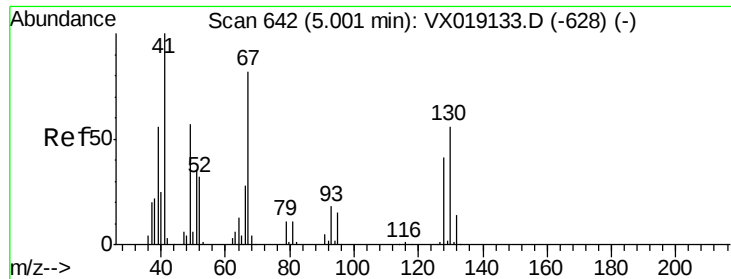
Tot Ion: 83 Resp: 258639
Ion Ratio Lower Upper
83 100
55 72.5 57.0 85.6
98 49.3 40.5 60.7



#40
Benzene
Concen: 53.362 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Tgt Ion: 78 Resp: 624587
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1





#41

Methacrylonitrile

Concen: 53.471 ug/l

RT: 5.00 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 110372

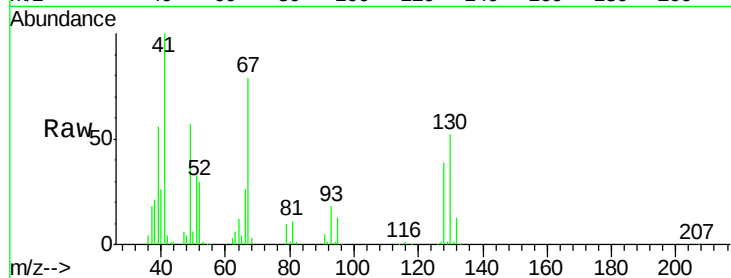
Ion Ratio Lower Upper

41 100

39 57.3 44.4 66.6

67 82.9 66.4 99.6

52 33.0 26.2 39.4

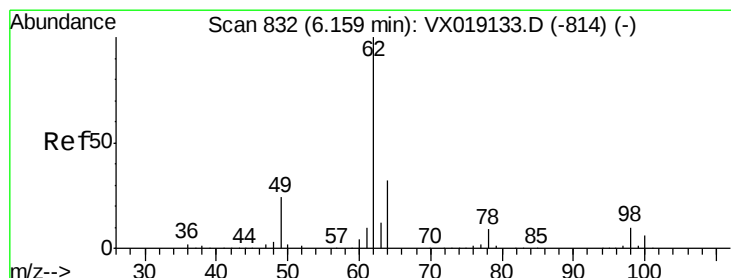
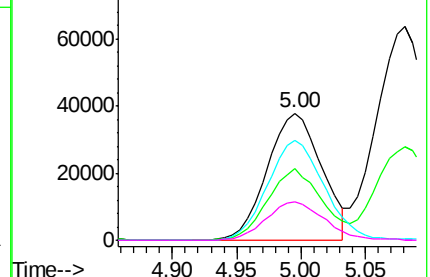
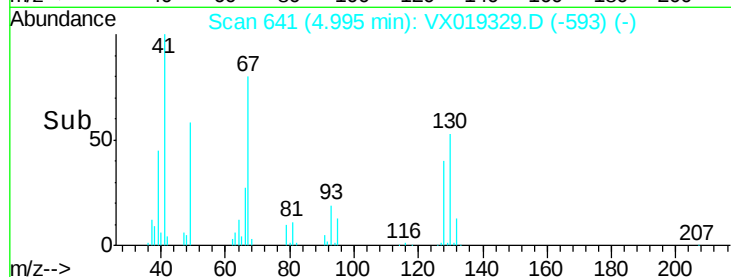


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.773 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX019329.D

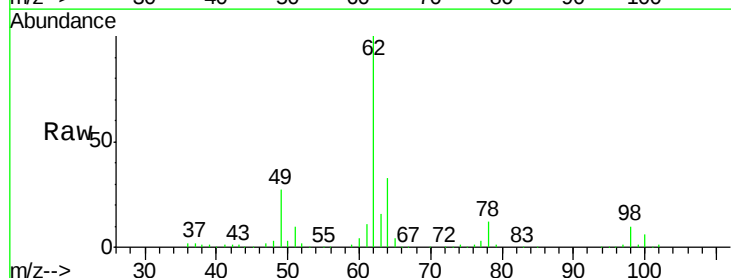
Acq: 06 Nov 2020 10:02

Tgt Ion: 62 Resp: 231961

Ion Ratio Lower Upper

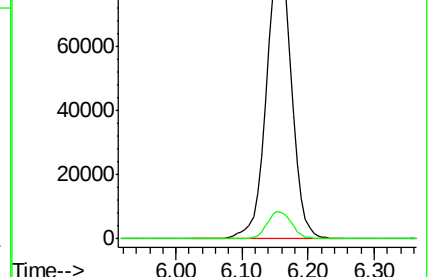
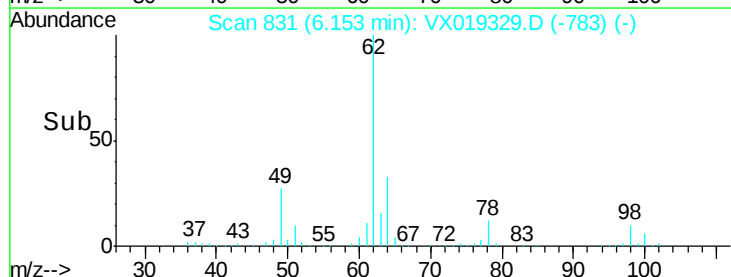
62 100

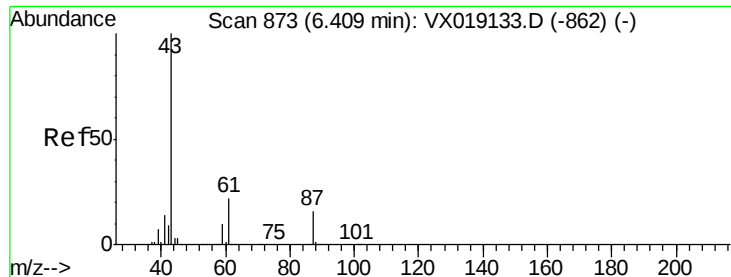
98 9.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



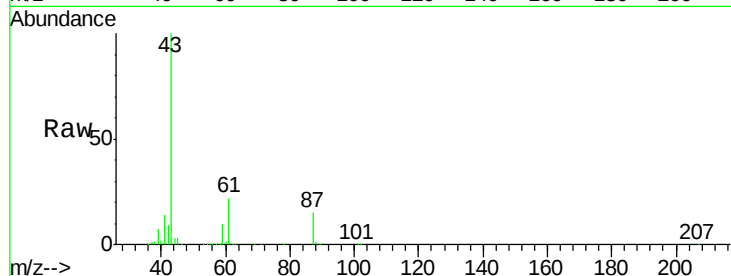


#43

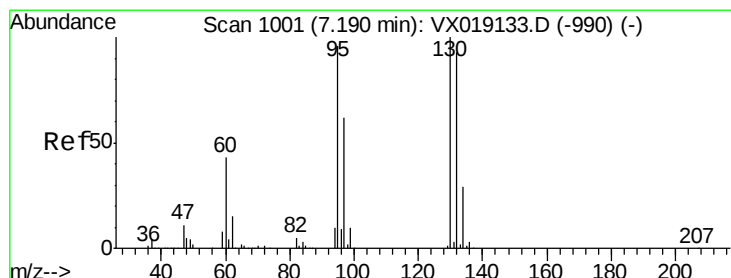
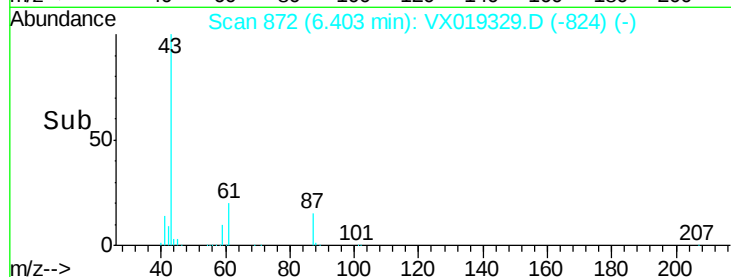
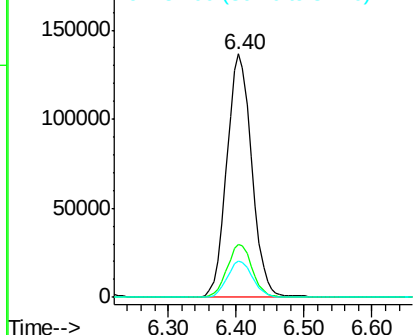
Isopropyl Acetate
 Concen: 54.038 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.8	26.6
87	15.1	12.6	19.0



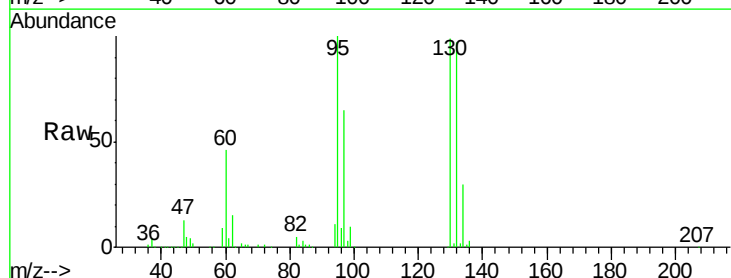
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



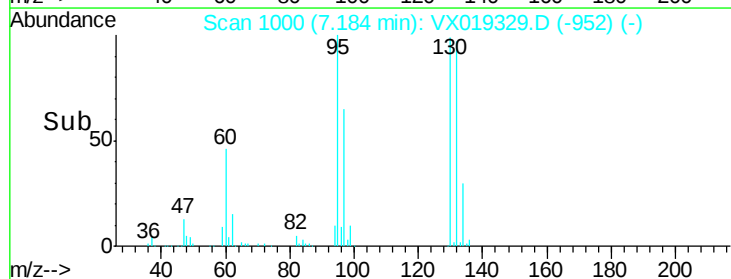
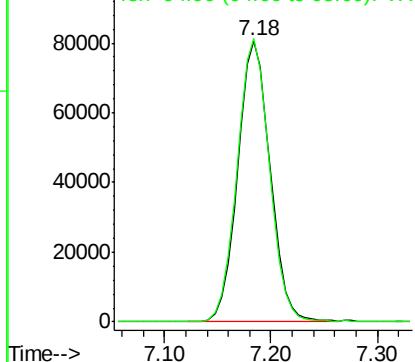
#44

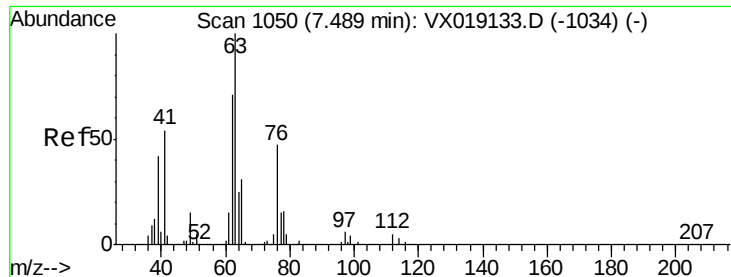
Trichloroethene
 Concen: 51.362 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	192.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 55.520 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

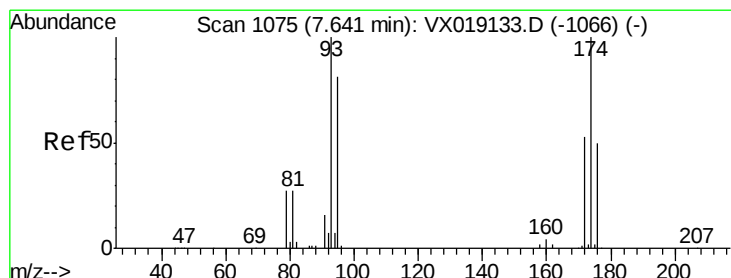
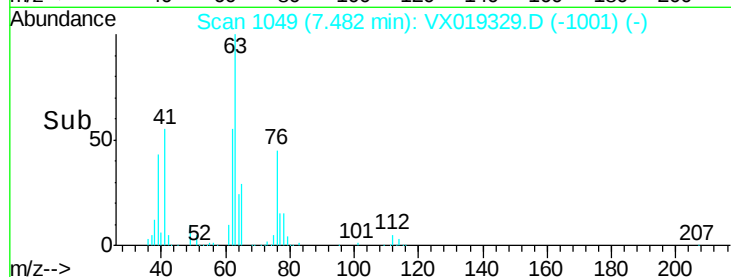
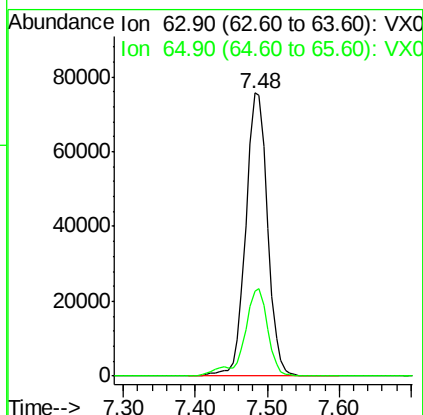
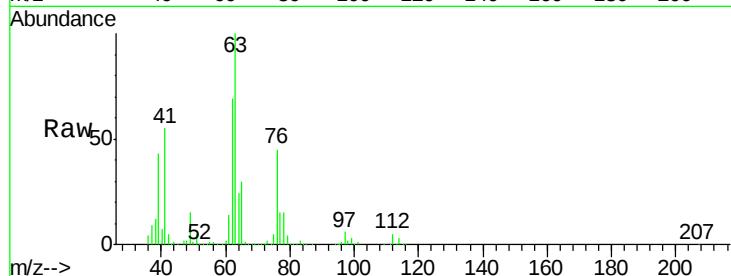
VSTDCCC050

Tot Ion: 63 Resp: 159169

Ion Ratio Lower Upper

63 100

65 30.0 25.2 37.8



#46

Dibromomethane

Concen: 52.561 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

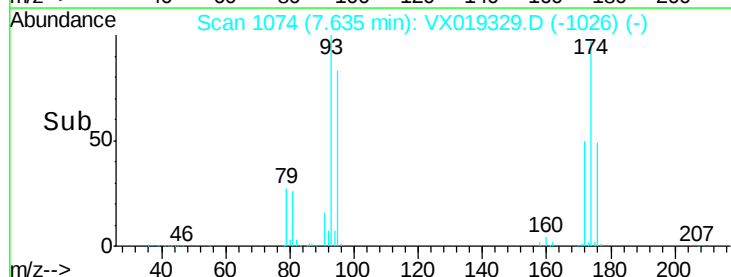
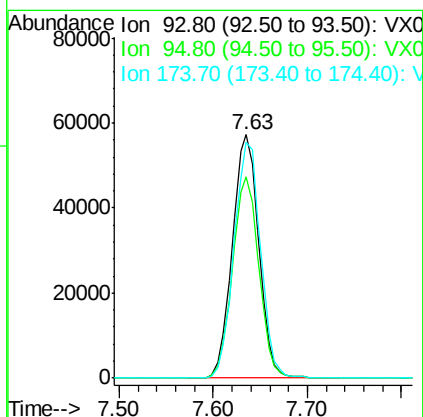
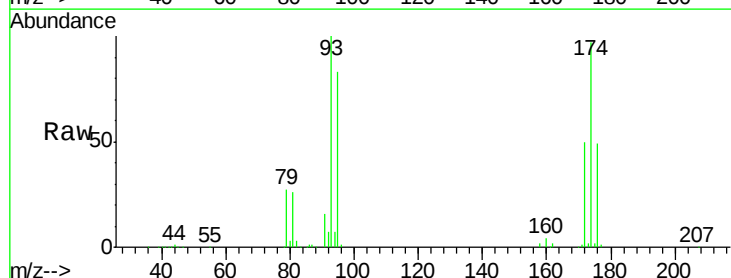
Tgt Ion: 93 Resp: 111427

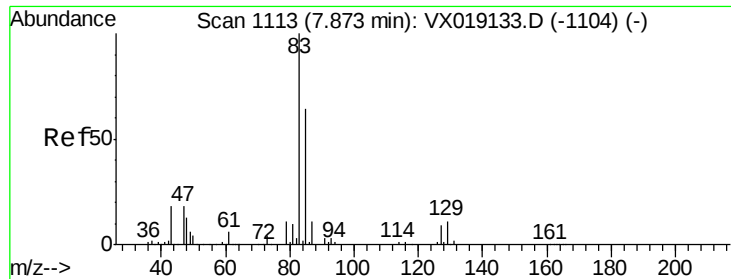
Ion Ratio Lower Upper

93 100

95 82.9 67.0 100.6

174 98.0 81.7 122.5





#47

Bromodichloromethane

Concen: 55.000 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

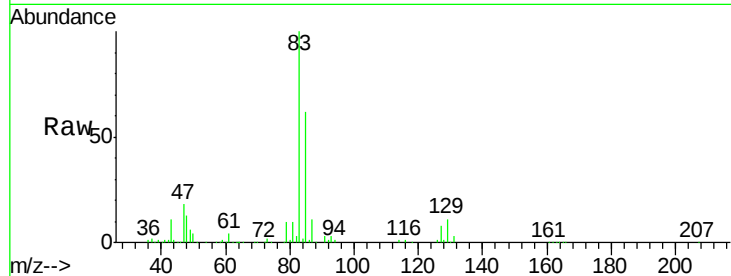
Tot Ion: 83 Resp: 229823

Ion Ratio Lower Upper

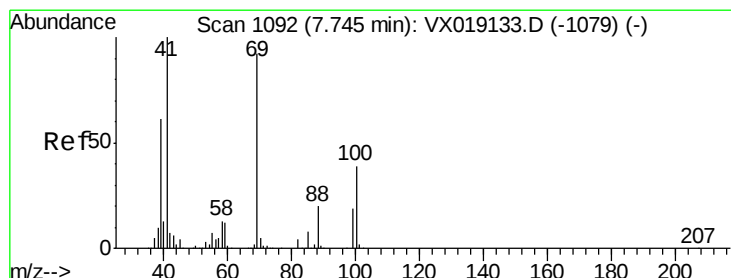
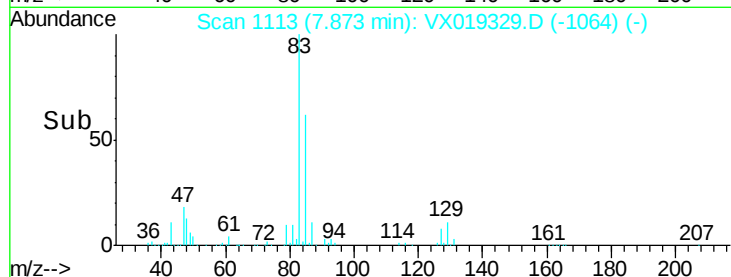
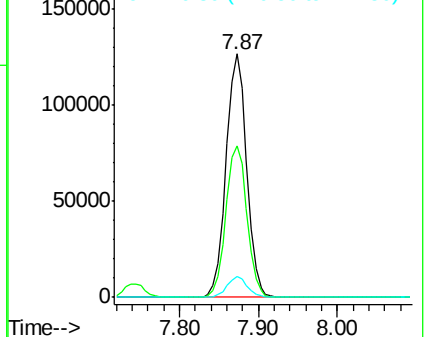
83 100

85 62.1 51.2 76.8

127 8.4 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: 55.051 ug/l

RT: 7.74 min Scan# 1091

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

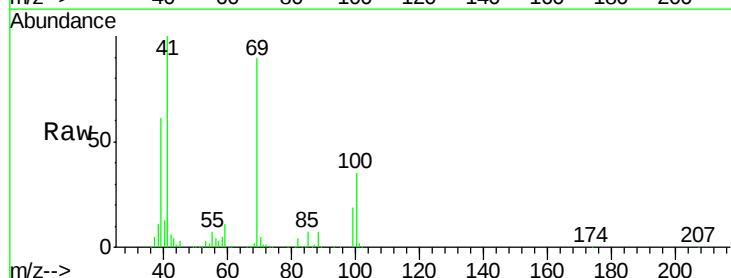
Tgt Ion: 41 Resp: 170054

Ion Ratio Lower Upper

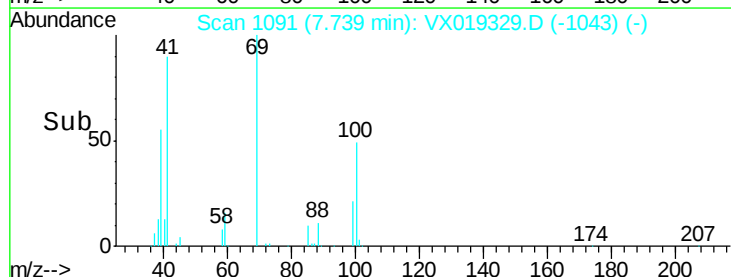
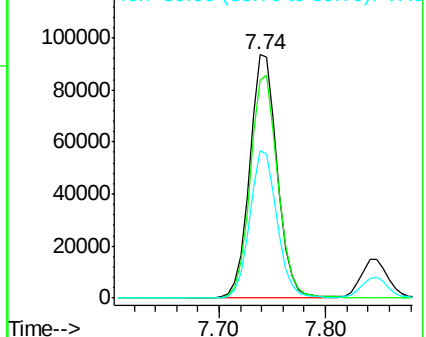
41 100

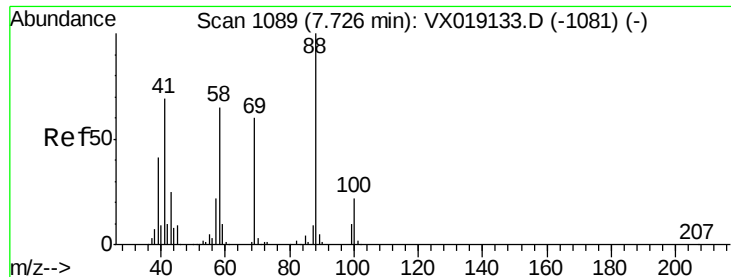
69 92.2 75.5 113.3

39 59.7 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

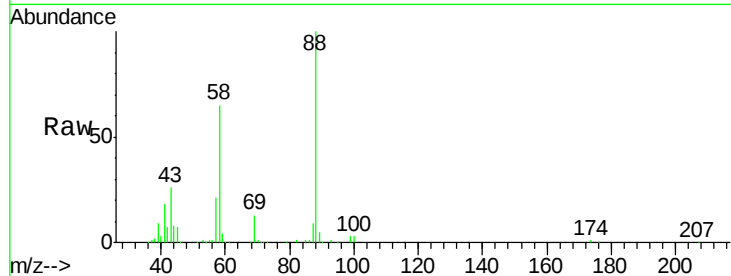




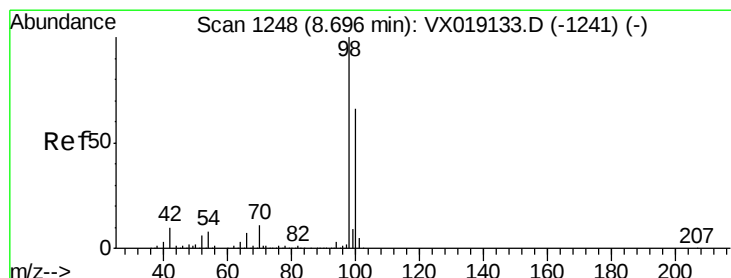
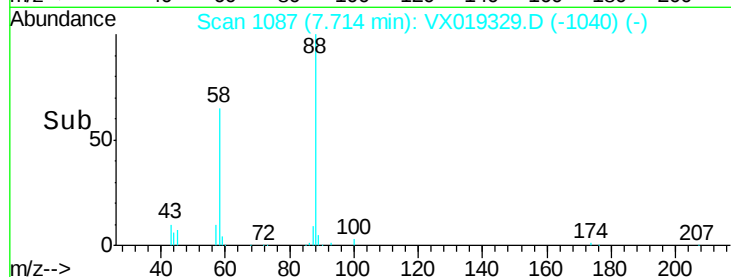
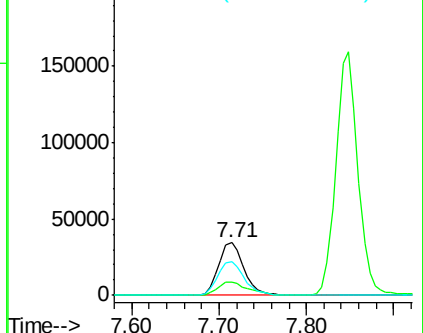
#49
1,4-Dioxane
Concen: 1012.064 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 69525
Ion Ratio Lower Upper
88 100
43 30.9 23.0 34.6
58 67.5 52.2 78.2

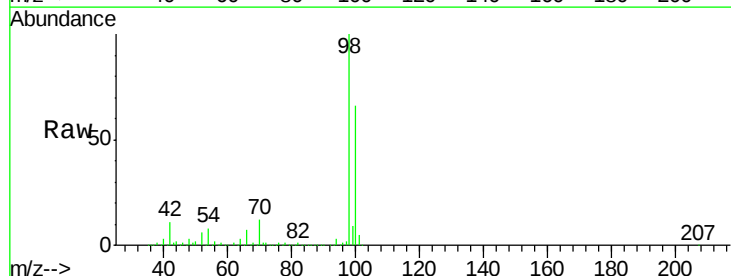


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

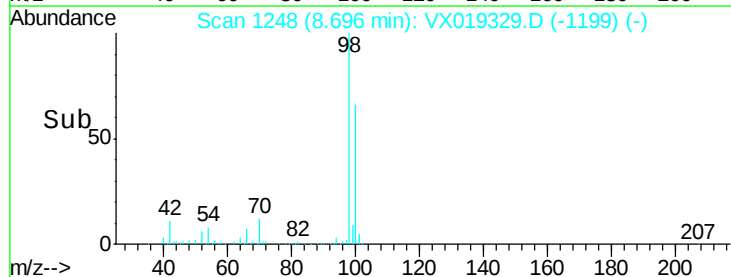
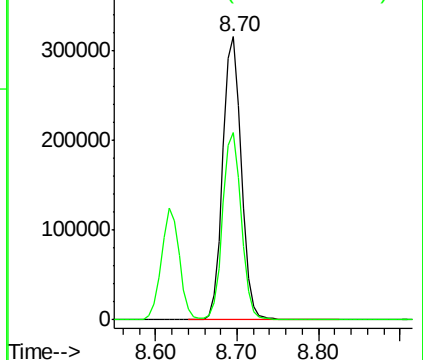


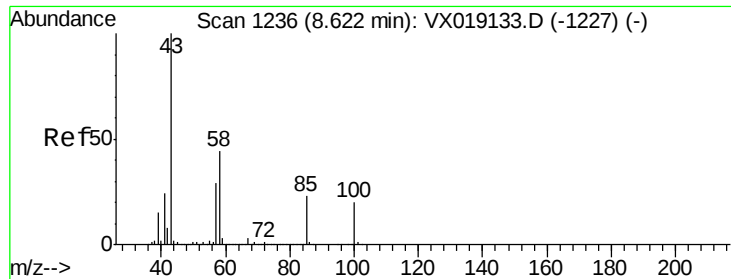
#50
Toluene-d8
Concen: 46.967 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Tgt Ion: 98 Resp: 497170
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.6



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





#51

4-Methyl-2-Pentanone

Concen: 279.265 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

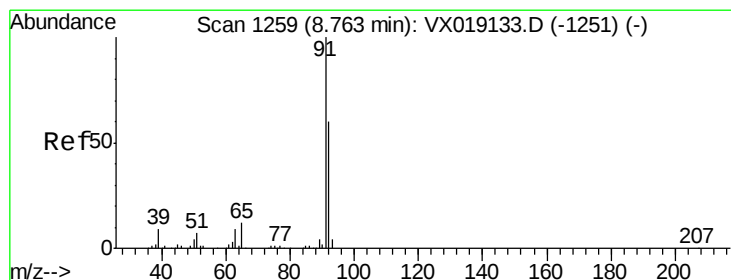
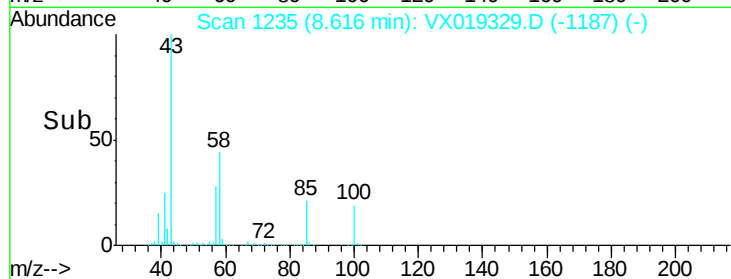
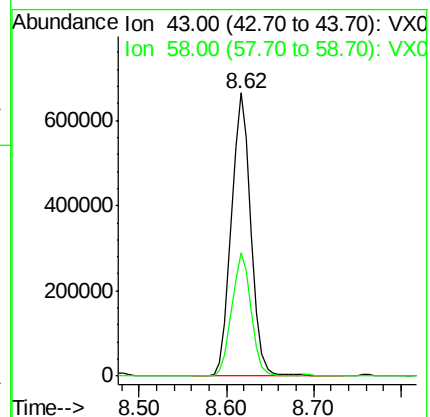
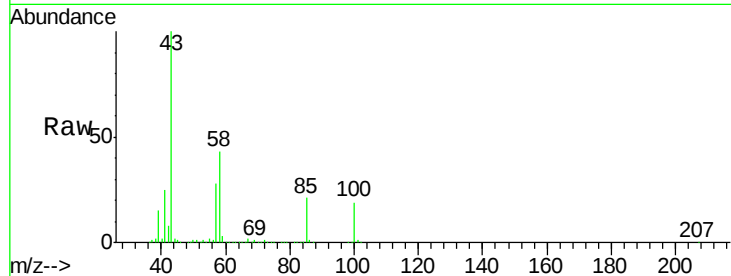
VSTDCCC050

Tot Ion: 43 Resp: 1030128

Ion Ratio Lower Upper

43 100

58 43.1 35.0 52.4



#52

Toluene

Concen: 53.825 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019329.D

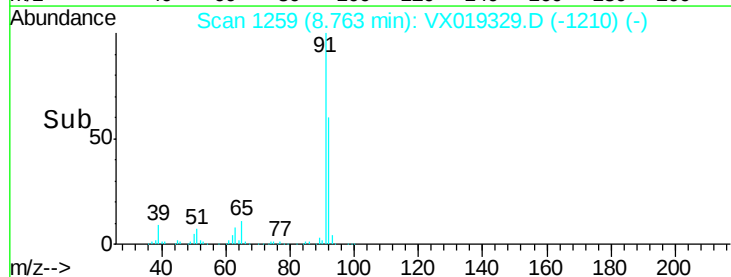
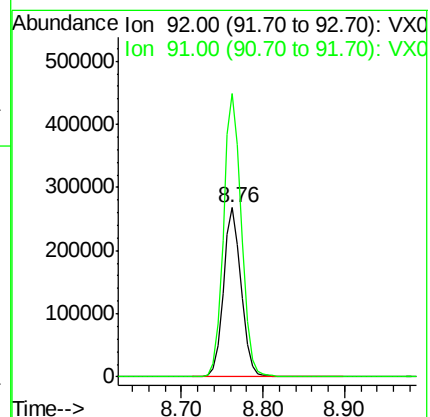
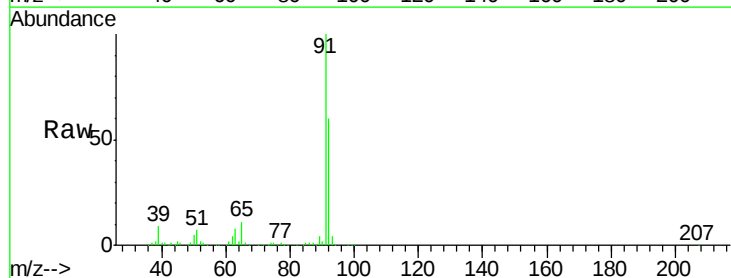
Acq: 06 Nov 2020 10:02

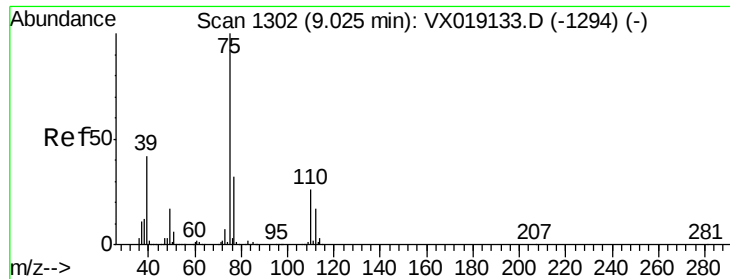
Tgt Ion: 92 Resp: 405763

Ion Ratio Lower Upper

92 100

91 169.8 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 54.514 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

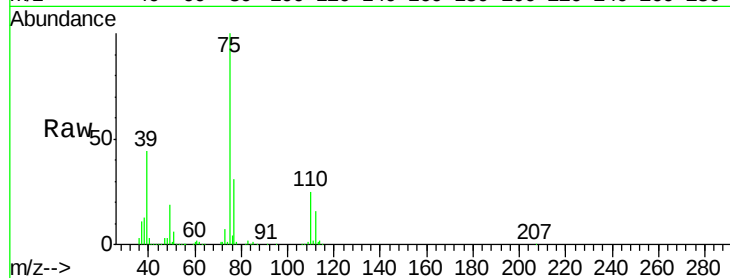
VSTDCCC050

Tot Ion: 75 Resp: 260181

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

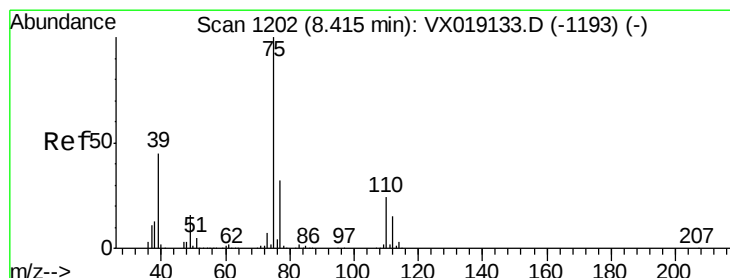
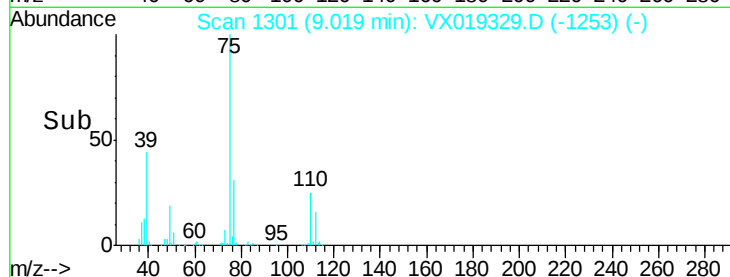
150000

100000

50000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 55.111 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

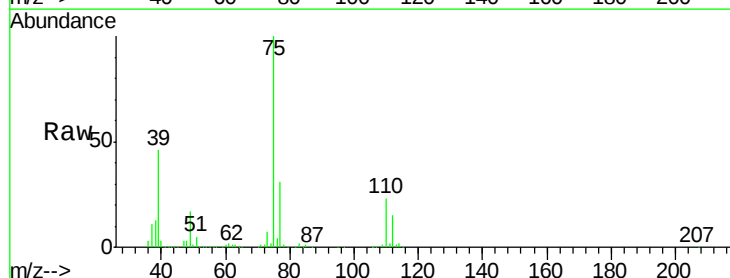
Tgt Ion: 75 Resp: 276591

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

39 46.0 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

200000

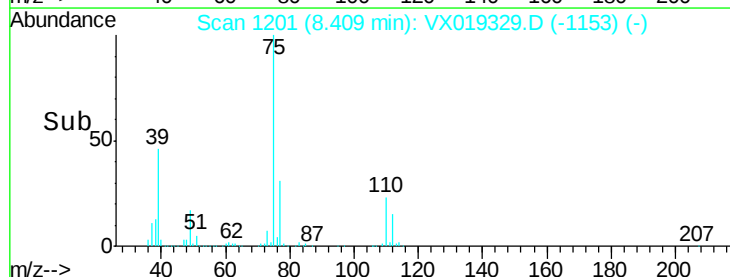
150000

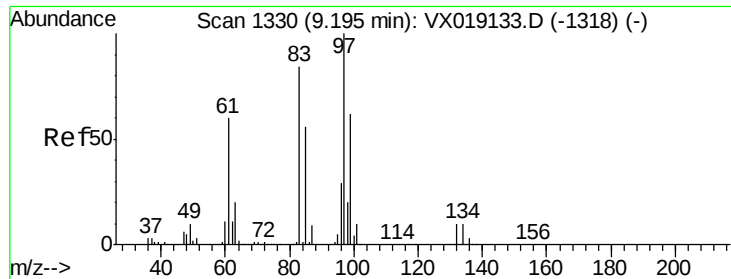
100000

50000

0

Time--> 8.30 8.40 8.50

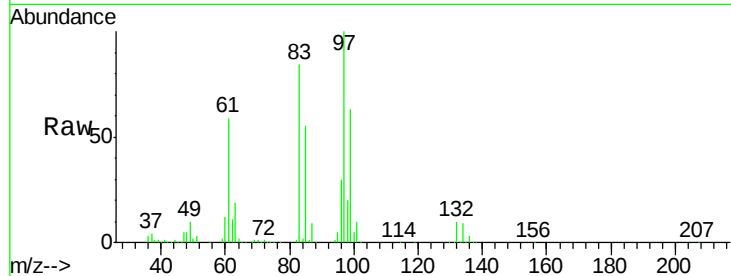




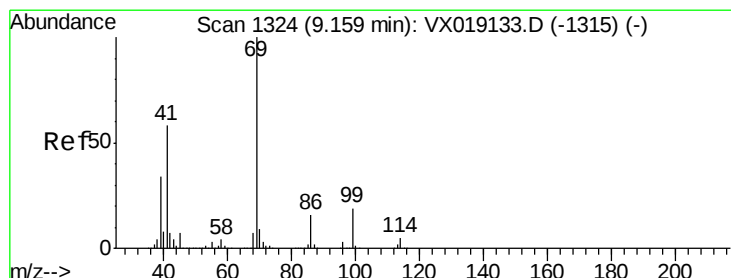
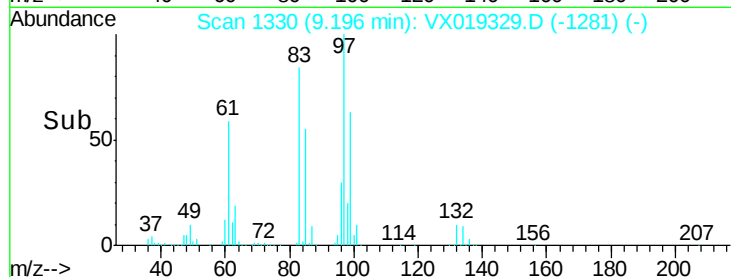
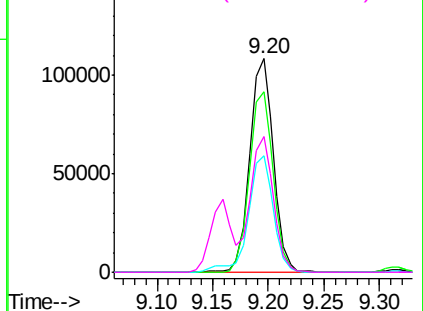
#55
 1,1,2-Trichloroethane
 Concen: 53.748 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	160094
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.2	100.8
85	54.6	44.6	67.0
99	63.2	49.4	74.0

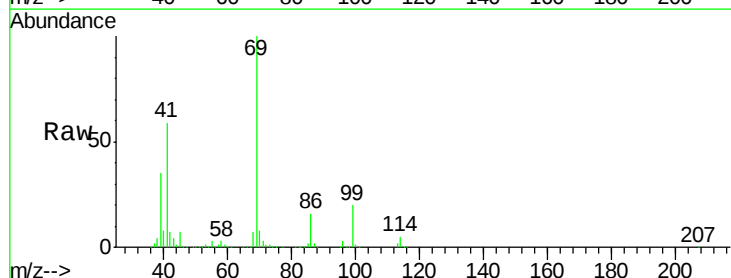


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

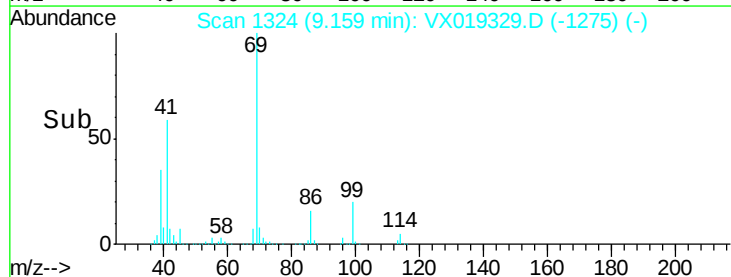
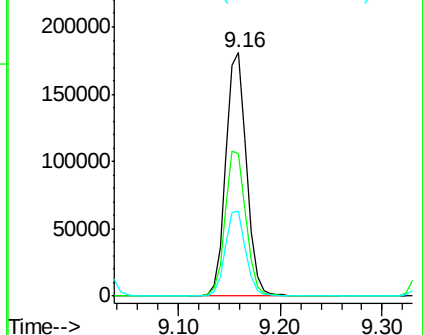


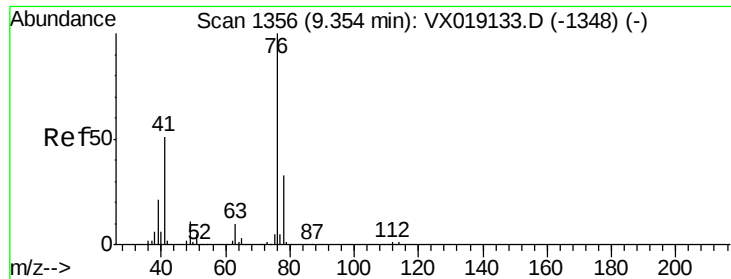
#56
 Ethyl methacrylate
 Concen: 56.009 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

Tgt Ion:	69	Resp:	251984
Ion	Ratio	Lower	Upper
69	100		
41	59.8	46.5	69.7
39	34.9	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

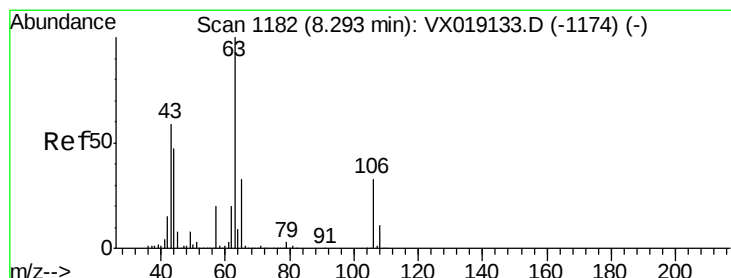
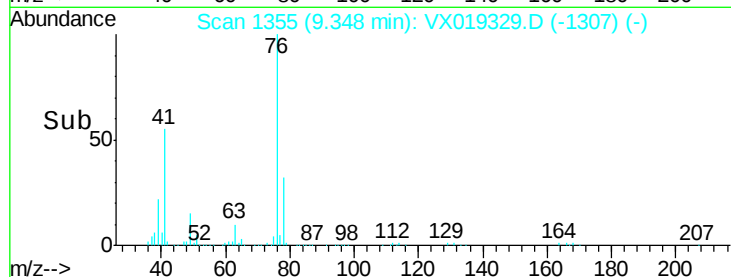
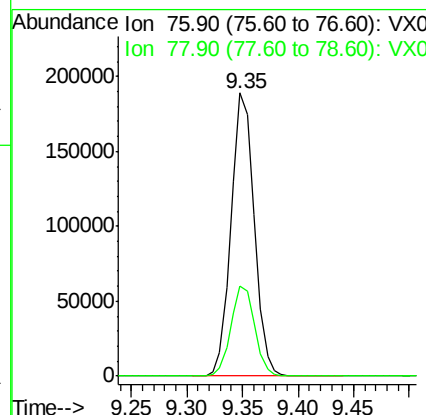
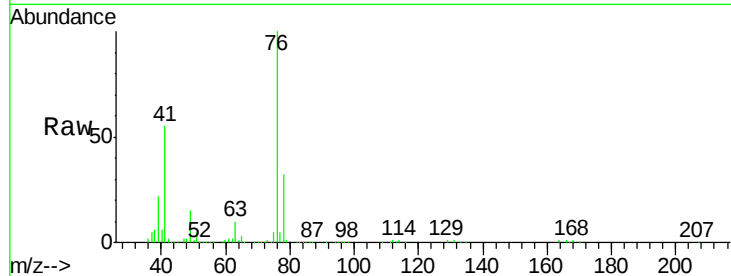




#57
 1,3-Dichloropropane
 Concen: 54.423 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

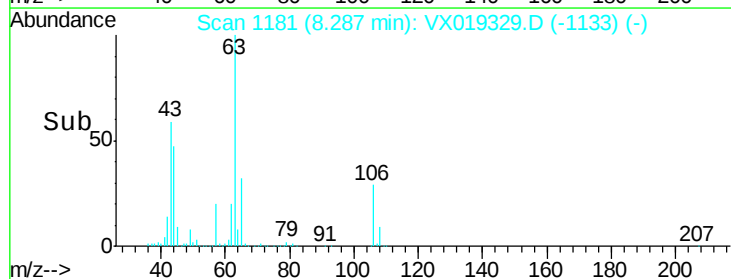
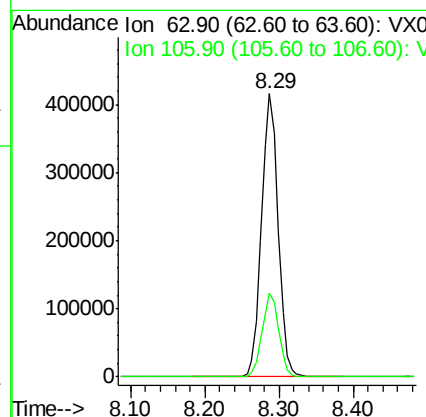
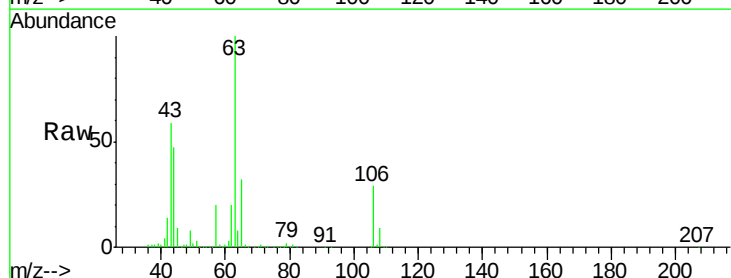
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

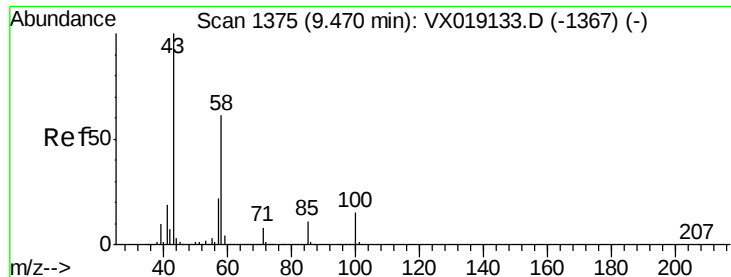
Tot Ion: 76 Resp: 273305
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.168 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

Tgt Ion: 63 Resp: 654615
 Ion Ratio Lower Upper
 63 100
 106 29.6 25.1 37.7

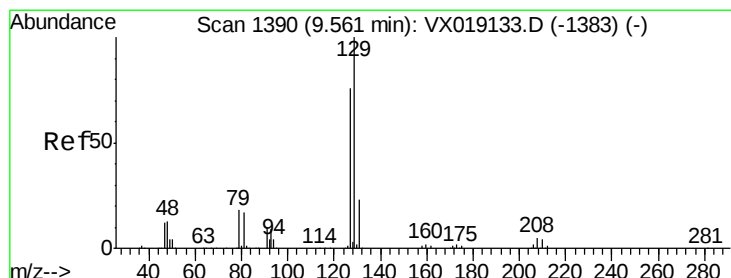
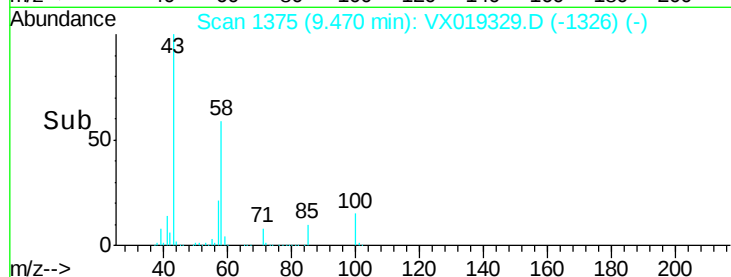
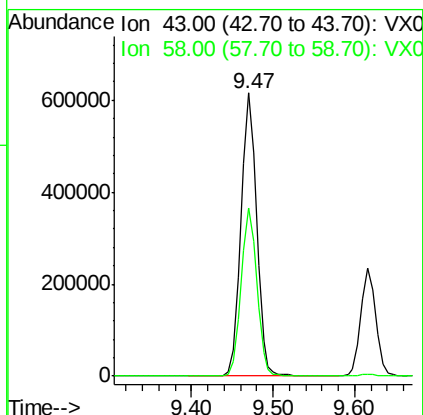
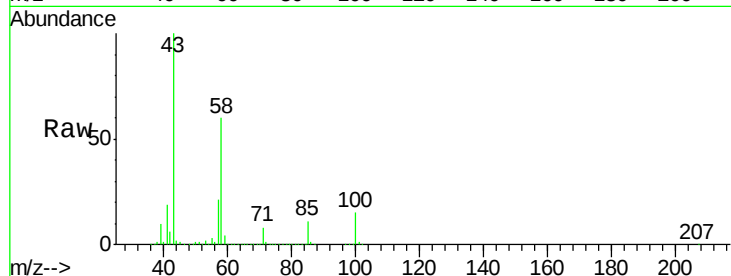




#59
2-Hexanone
Concen: 288.074 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

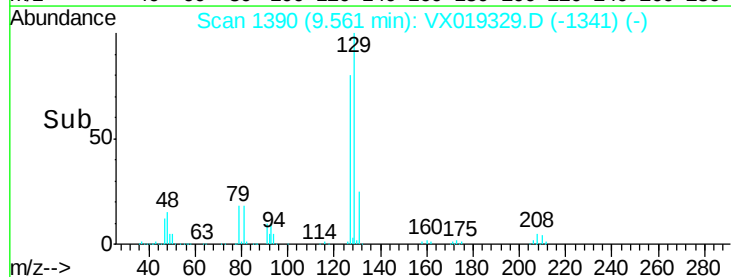
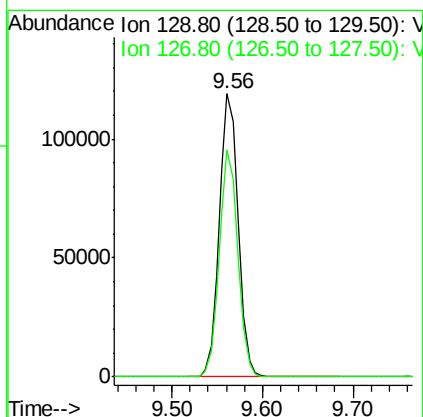
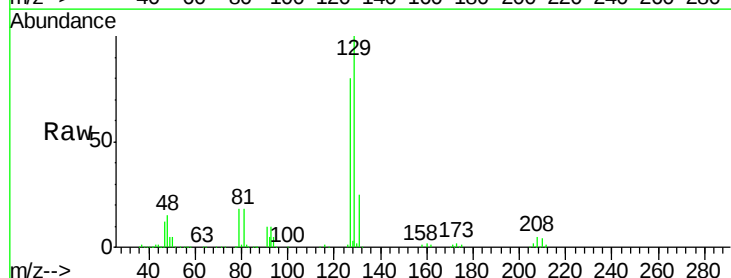
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 808877
Ion Ratio Lower Upper
43 100
58 59.9 30.5 91.5



#60
Dibromochloromethane
Concen: 53.506 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Tgt Ion: 129 Resp: 172959
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.503 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

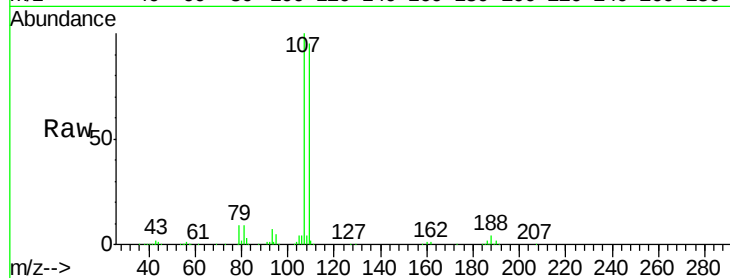
VSTDCCC050

Tot Ion:107 Resp: 170416

Ion Ratio Lower Upper

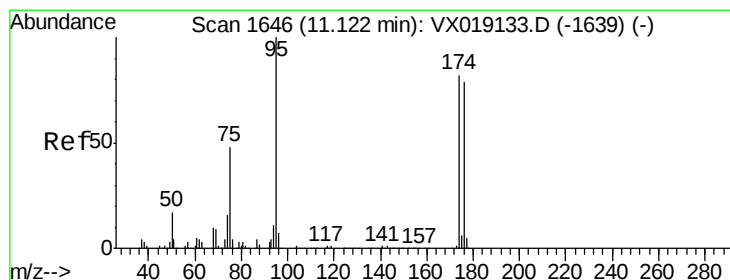
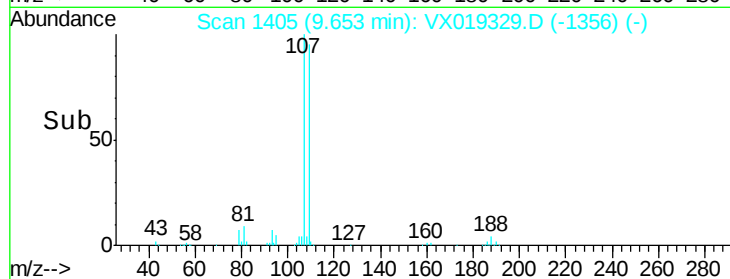
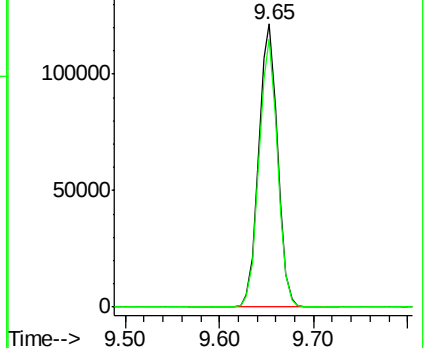
107 100

109 92.9 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.987 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

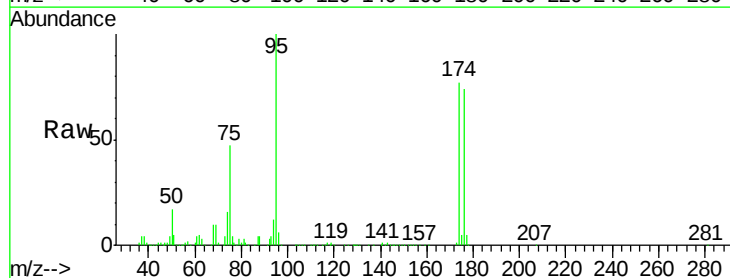
Tgt Ion: 95 Resp: 200388

Ion Ratio Lower Upper

95 100

174 75.0 0.0 156.0

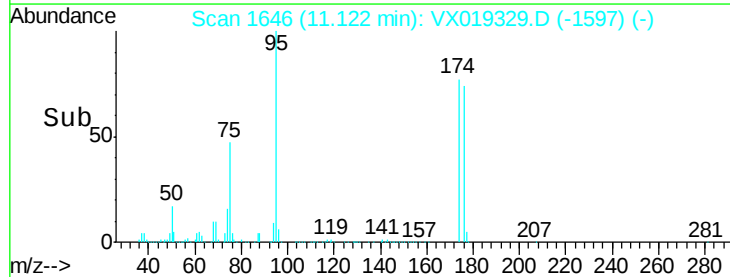
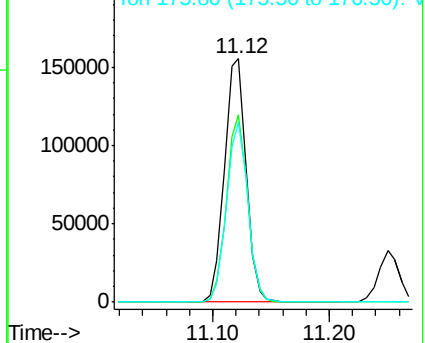
176 72.9 0.0 149.8

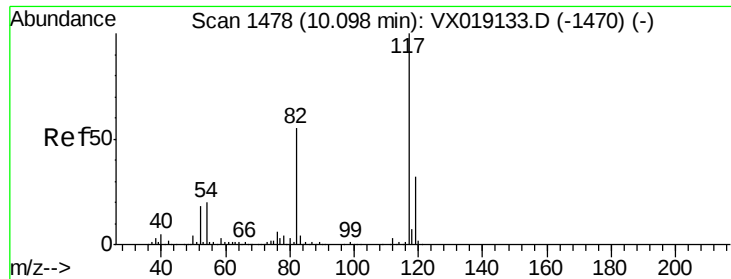


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

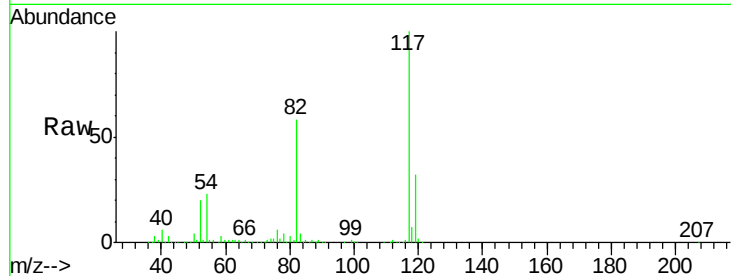




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	43.6	65.4
119	31.7	25.5	38.3

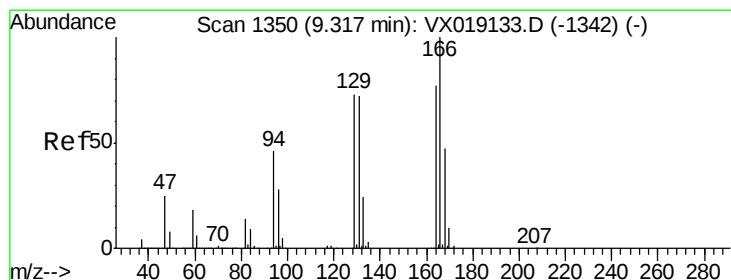
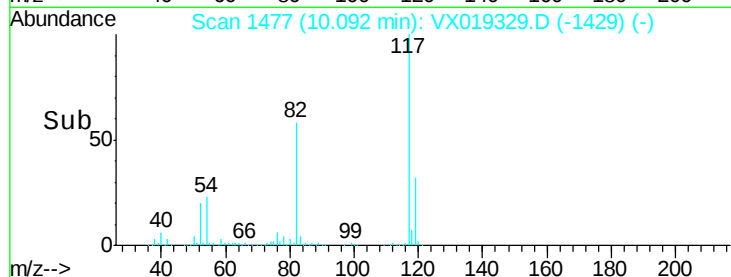
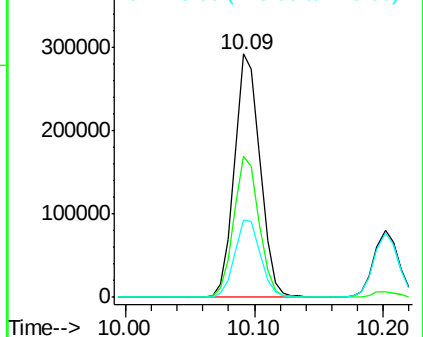


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 52.253 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.5	104.1	156.1
129	92.7	76.2	114.4
131	91.5	74.6	112.0

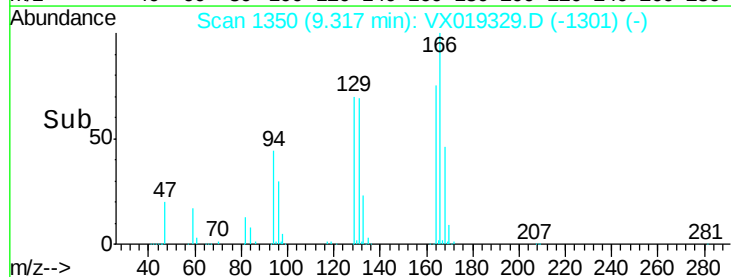
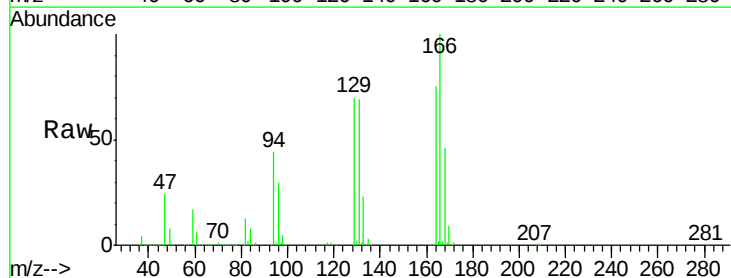
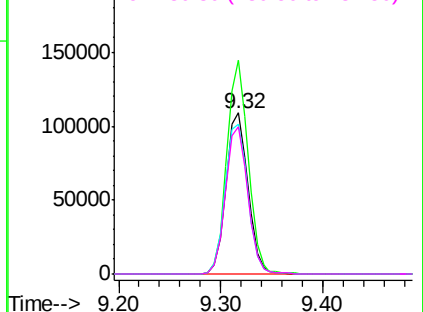
Abundance

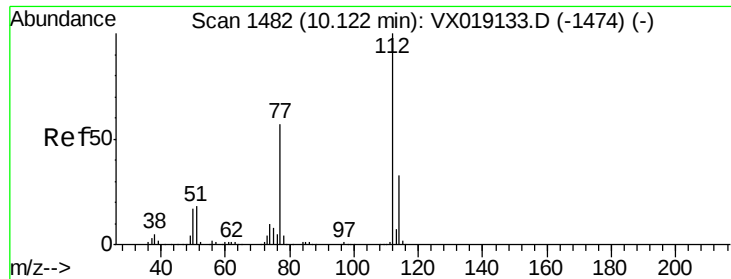
Ion 163.80 (163.50 to 164.50): V

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

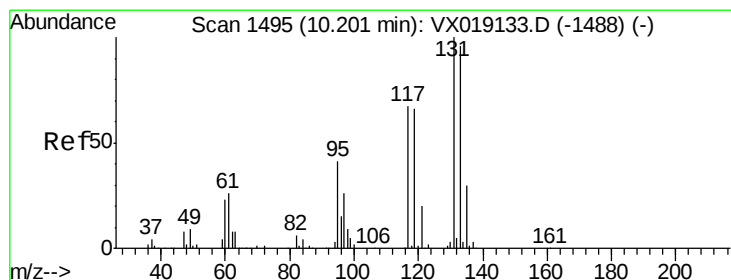
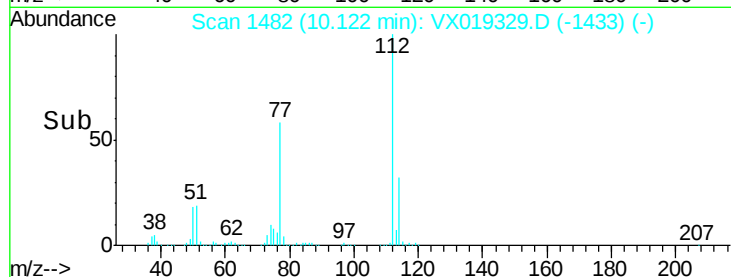
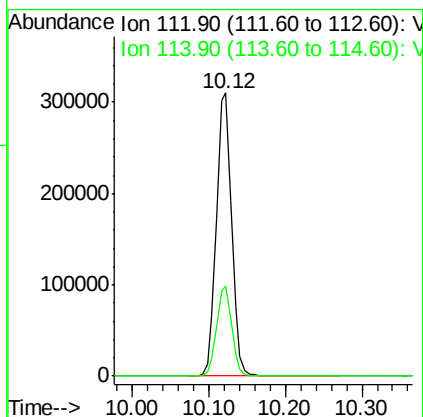
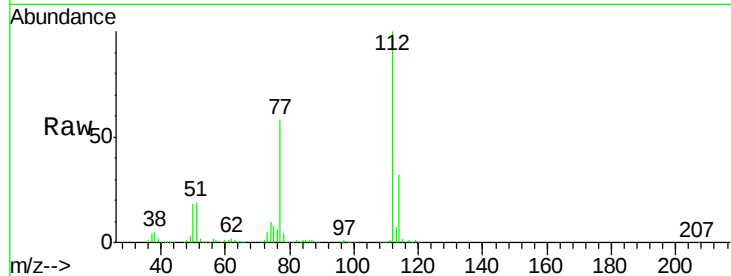




#65
Chlorobenzene
Concen: 51.574 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

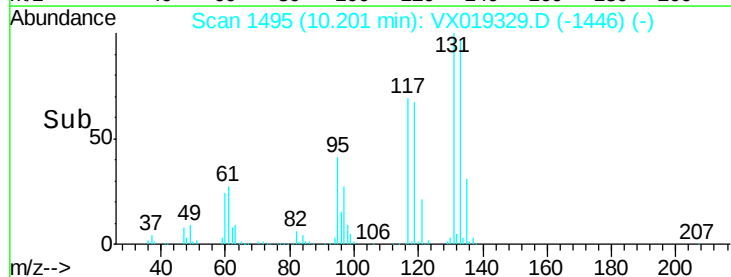
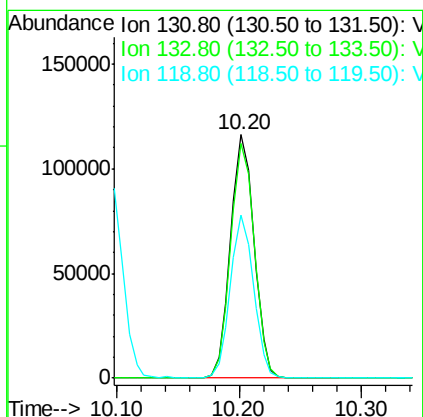
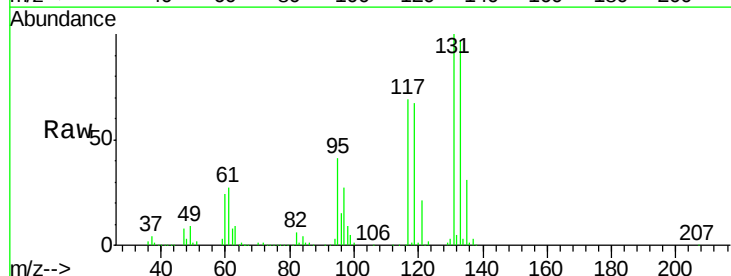
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

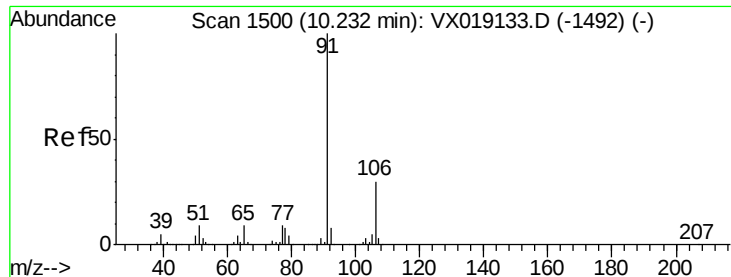
Tot Ion:112 Resp: 428260
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.865 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Tgt Ion:131 Resp: 155043
Ion Ratio Lower Upper
131 100
133 97.0 47.3 141.8
119 65.8 32.3 96.9

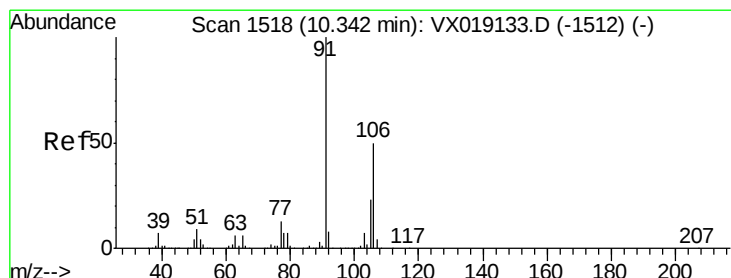
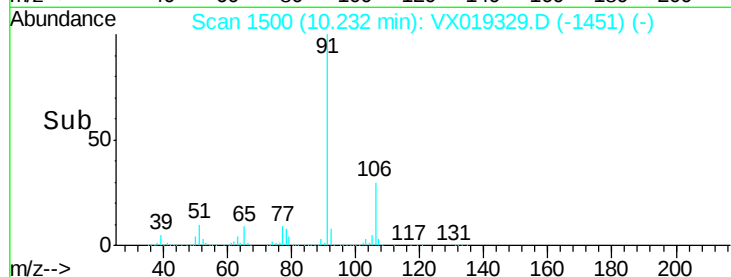
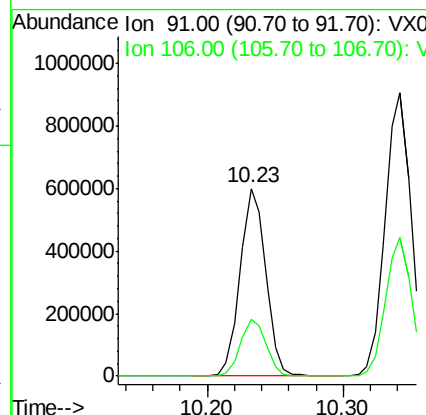
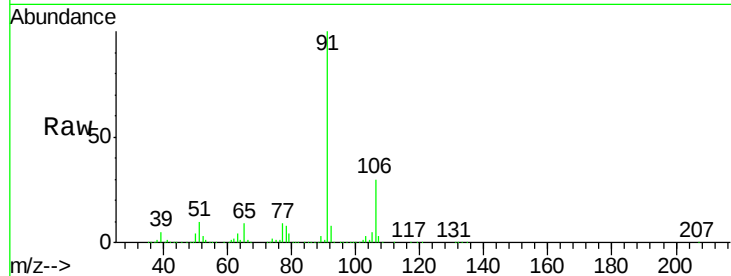




#67
Ethyl Benzene
Concen: 53.216 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

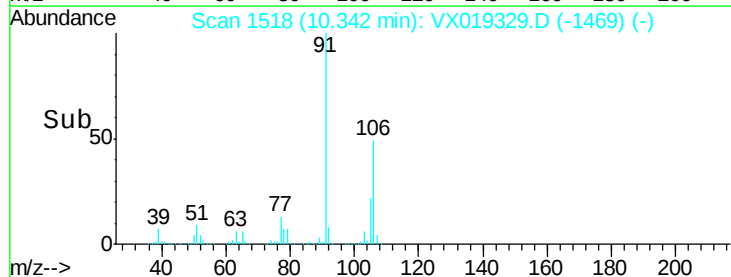
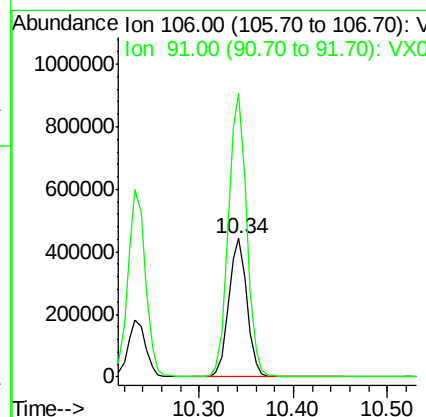
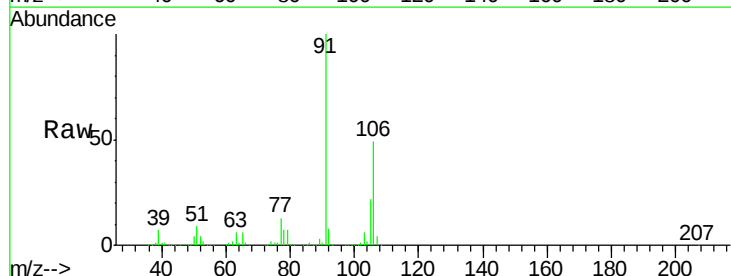
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

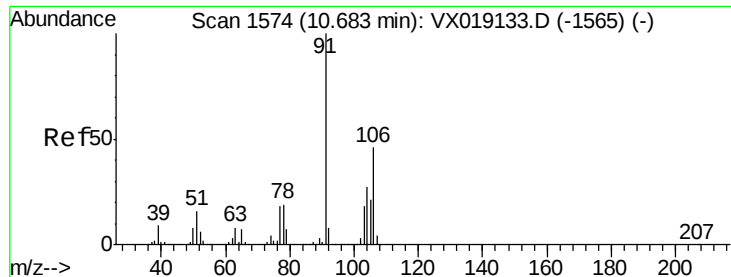
Tot Ion: 91 Resp: 787419
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 106.441 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Tgt Ion: 106 Resp: 591113
Ion Ratio Lower Upper
106 100
91 205.9 161.0 241.4

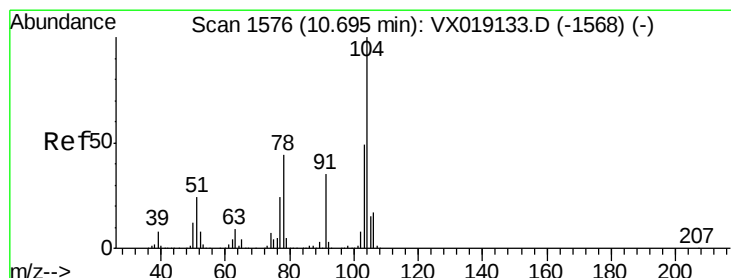
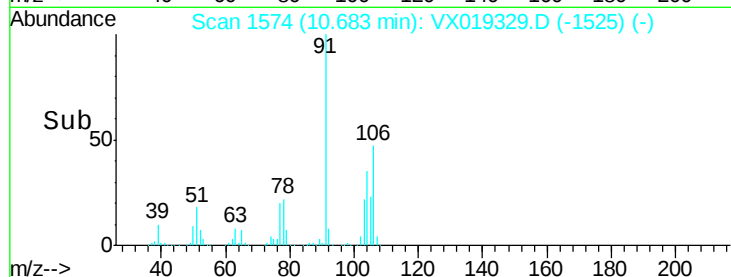
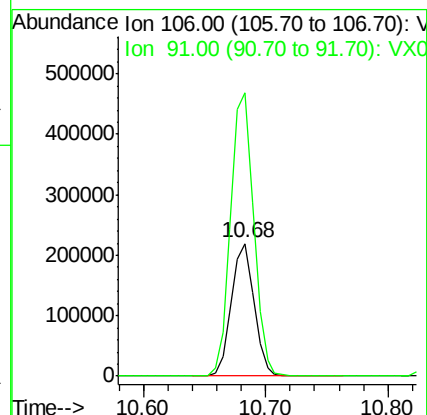
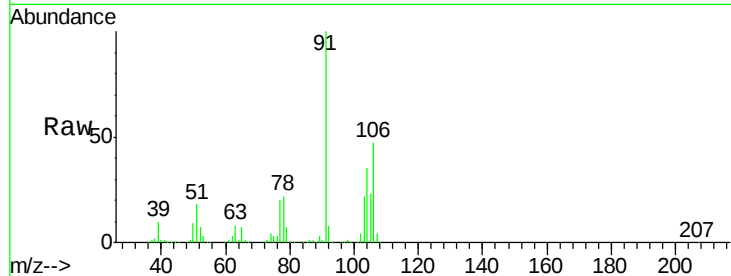




#69
o-Xylene
Concen: 53.295 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

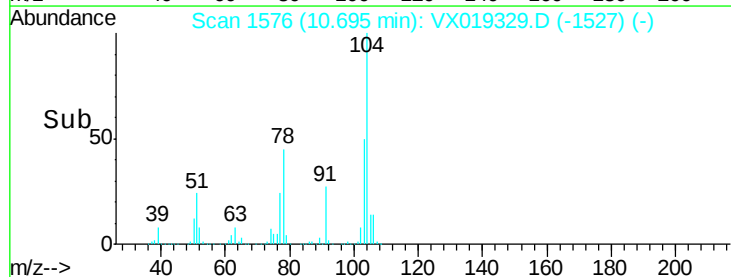
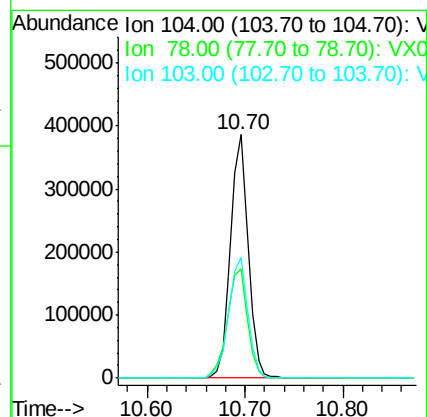
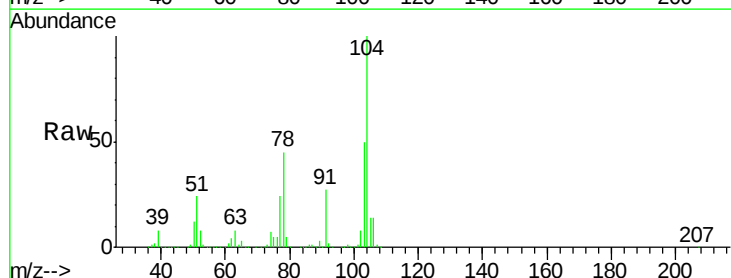
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

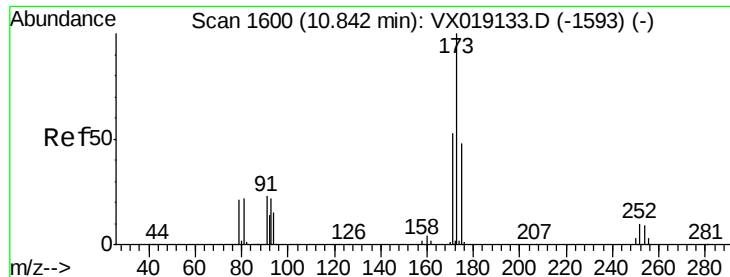
Tot Ion:106 Resp: 280723
Ion Ratio Lower Upper
106 100
91 217.7 108.3 324.8



#70
Styrene
Concen: 54.430 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Tgt Ion:104 Resp: 489182
Ion Ratio Lower Upper
104 100
78 50.9 40.0 60.0
103 53.9 43.5 65.3





#71

Bromoform

Concen: 52.461 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

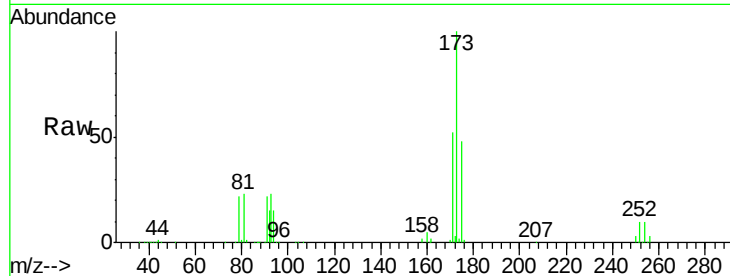
Tot Ion:173 Resp: 124341

Ion Ratio Lower Upper

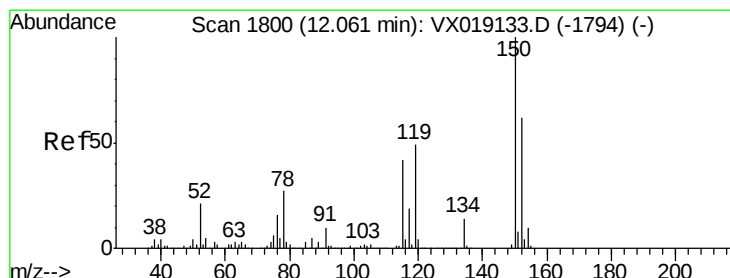
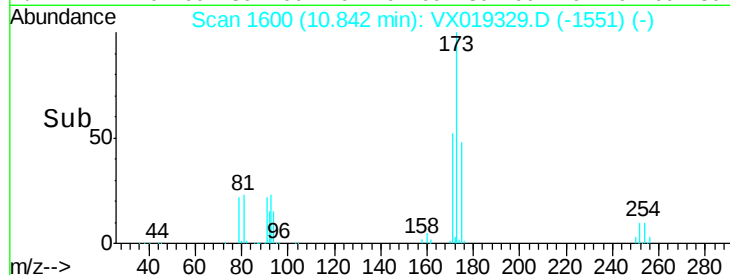
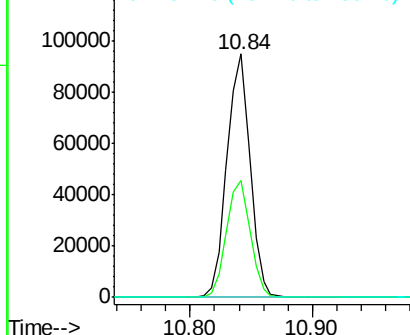
173 100

175 49.4 24.4 73.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

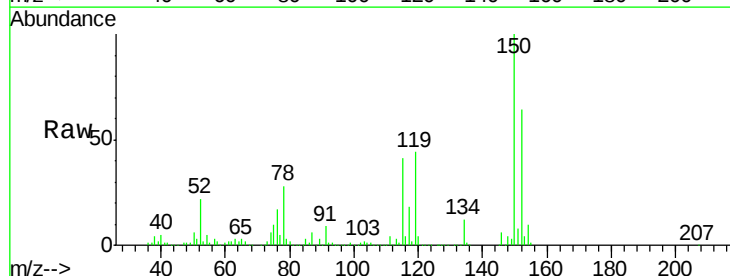
Tgt Ion:152 Resp: 214297

Ion Ratio Lower Upper

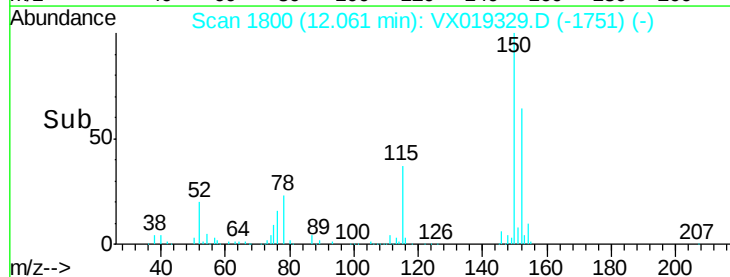
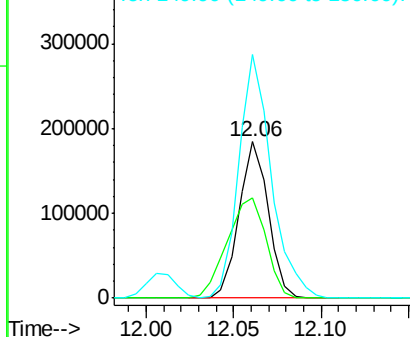
152 100

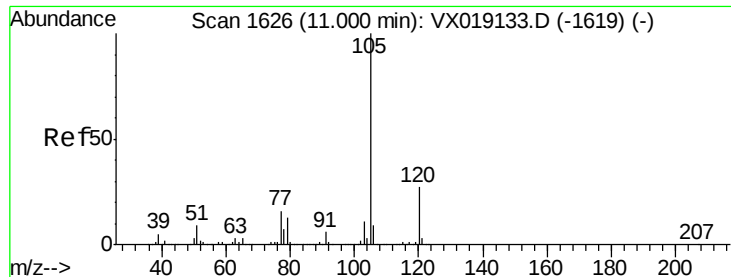
115 85.7 41.9 125.7

150 174.1 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: 51.086 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

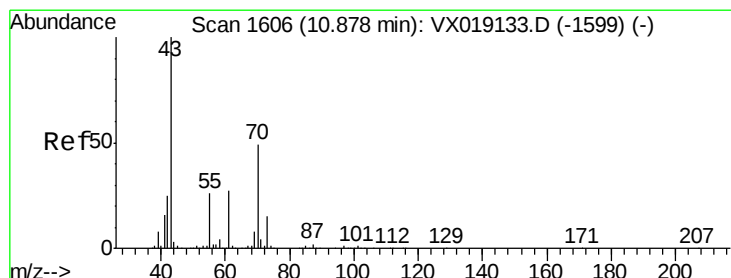
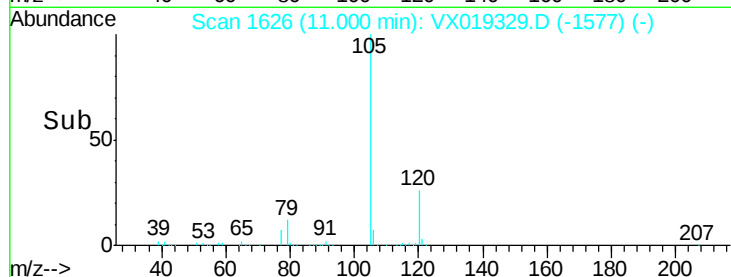
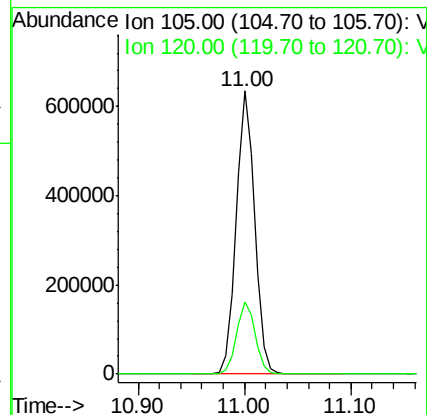
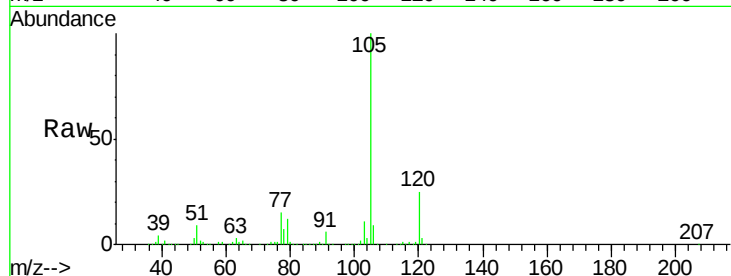
VSTDCCC050

Tot Ion:105 Resp: 774931

Ion Ratio Lower Upper

105 100

120 25.9 13.3 39.8



#74

N-ethyl acetate

Concen: 53.875 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Tgt Ion: 43 Resp: 298803

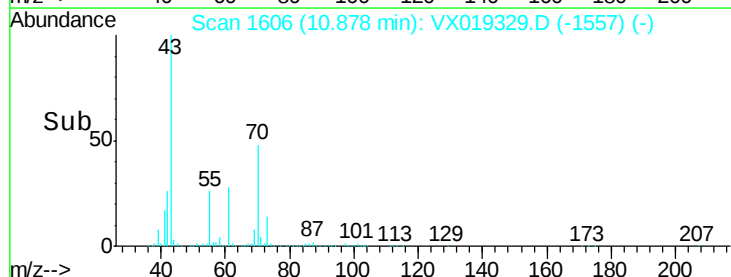
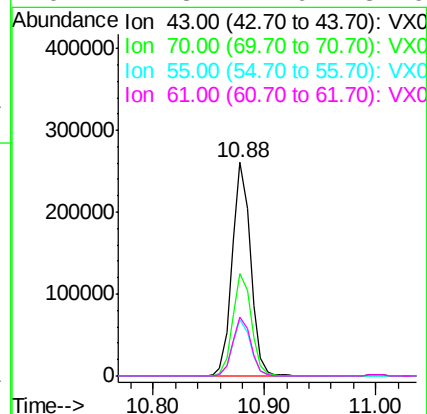
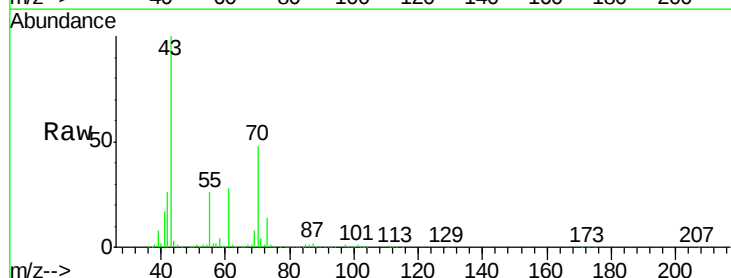
Ion Ratio Lower Upper

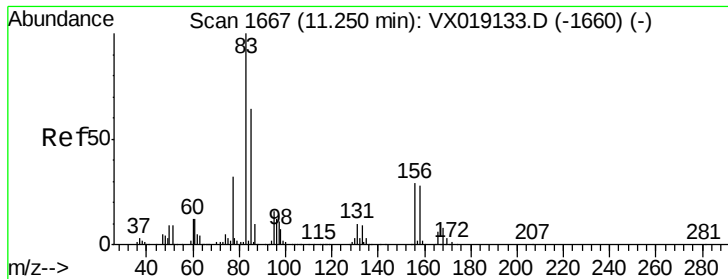
43 100

70 48.5 39.6 59.4

55 25.9 20.7 31.1

61 27.3 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.376 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

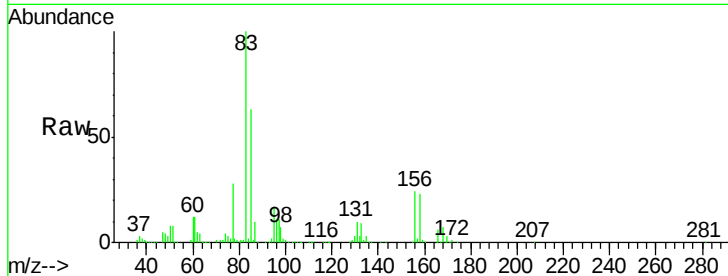
Tot Ion: 83 Resp: 248300

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

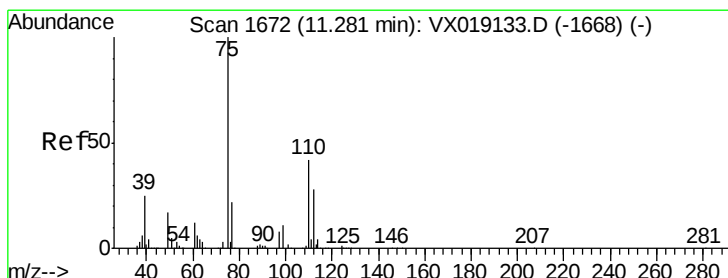
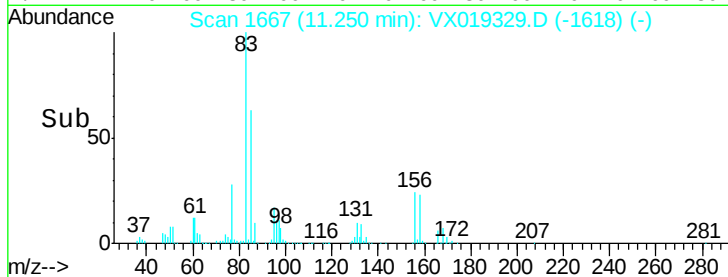
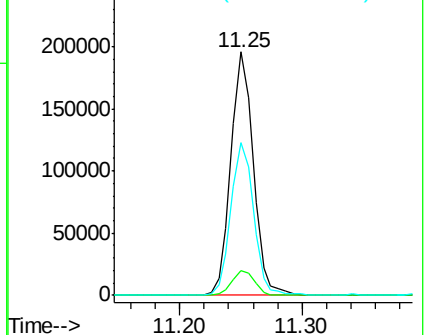
85 63.9 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.008 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019329.D

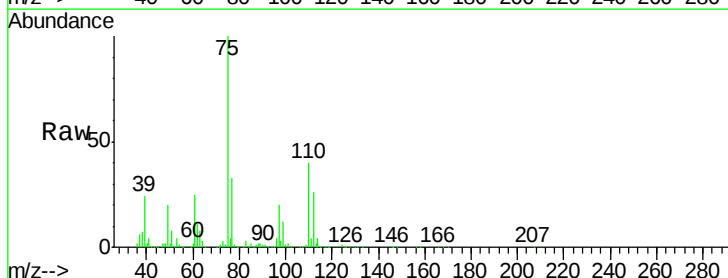
Acq: 06 Nov 2020 10:02

Tgt Ion: 75 Resp: 300920

Ion Ratio Lower Upper

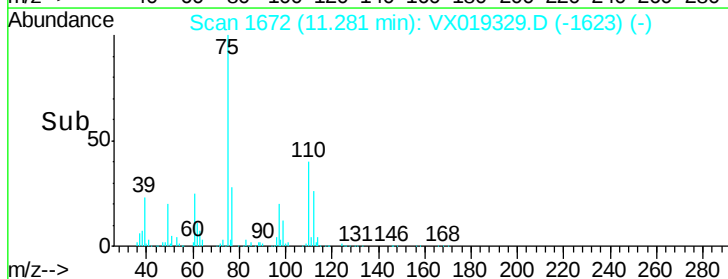
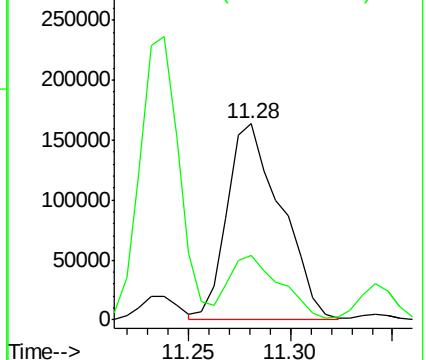
75 100

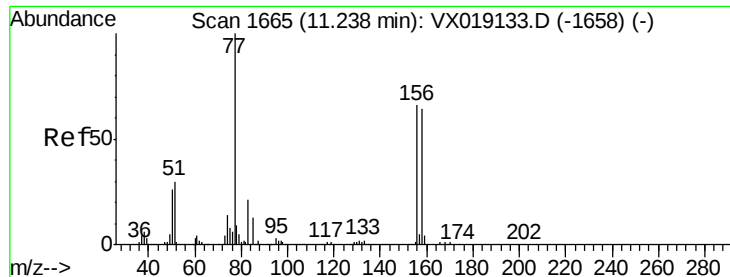
77 31.2 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.719 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

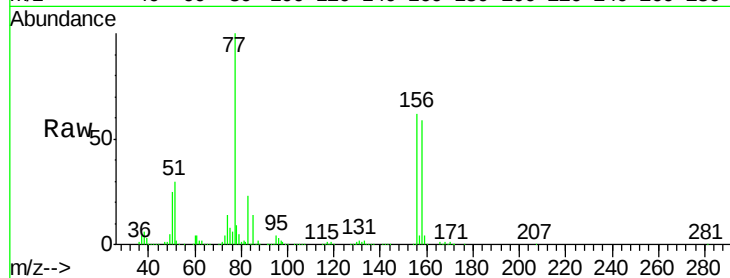
Tot Ion:156 Resp: 187179

Ion Ratio Lower Upper

156 100

77 168.5 77.7 233.1

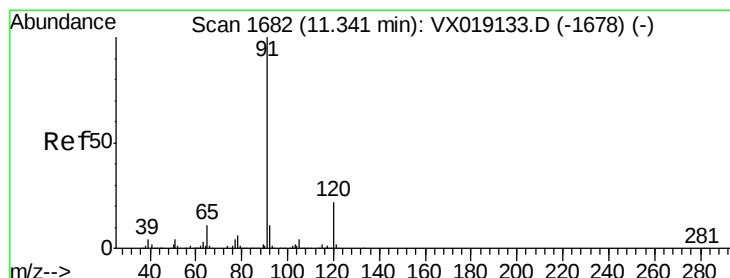
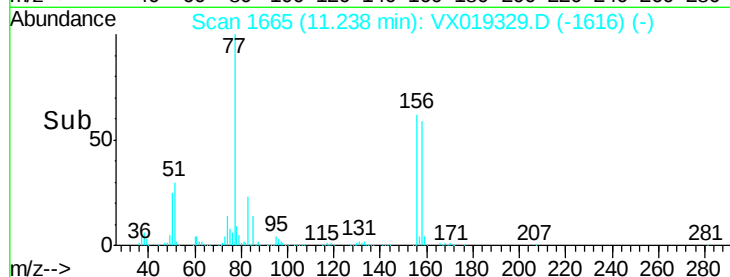
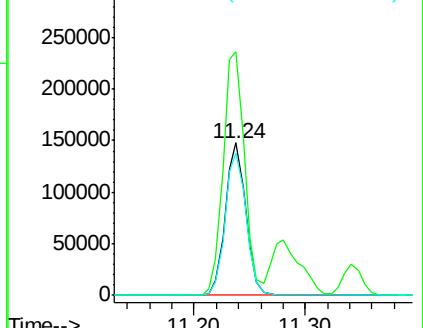
158 95.9 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.165 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019329.D

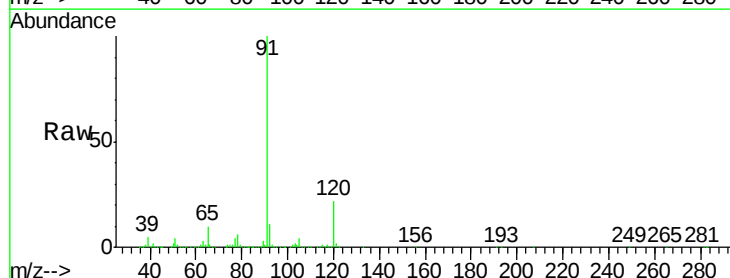
Acq: 06 Nov 2020 10:02

Tgt Ion: 91 Resp: 903281

Ion Ratio Lower Upper

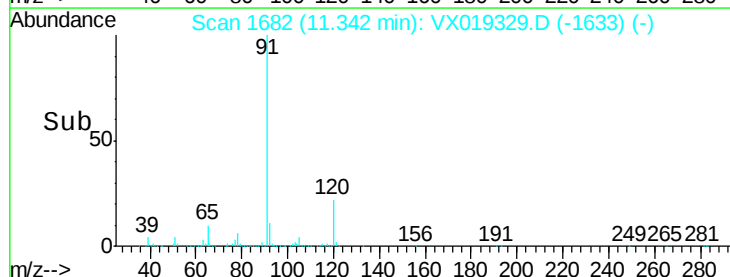
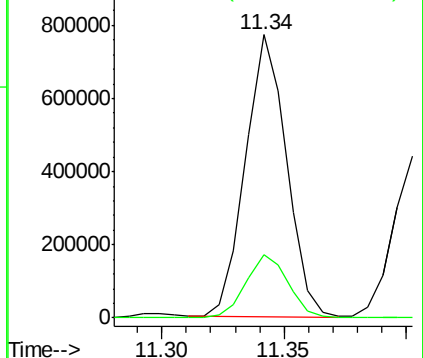
91 100

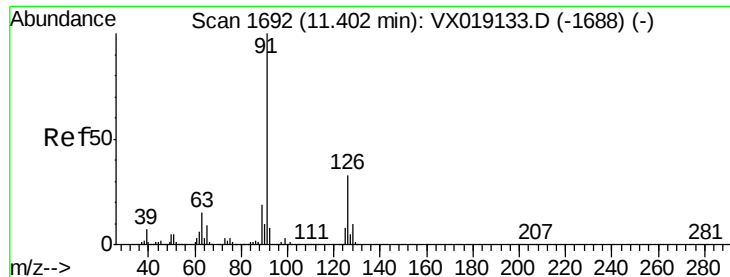
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

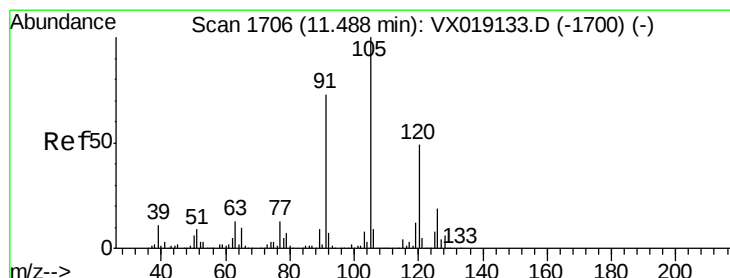
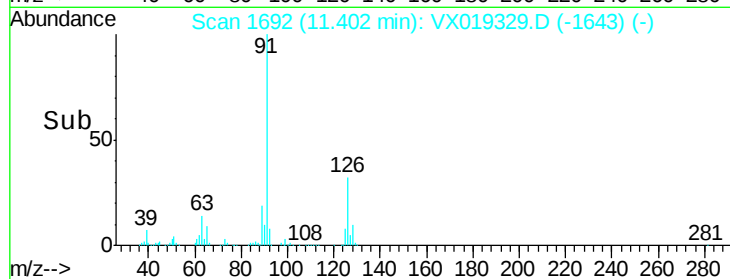
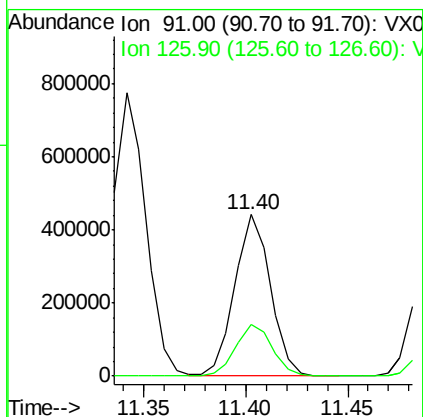
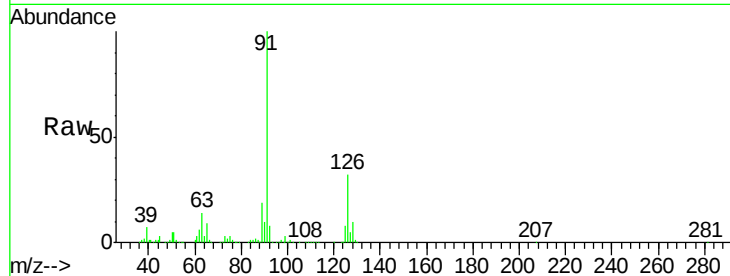




#79
 2-Chlorotoluene
 Concen: 52.319 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

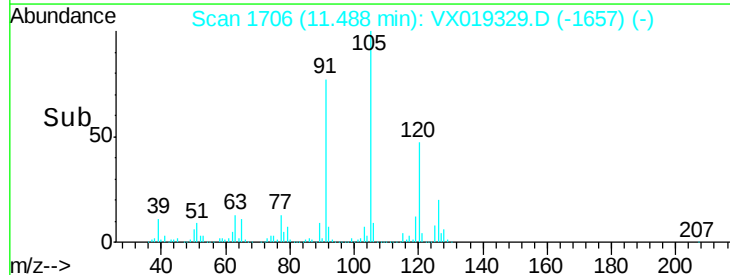
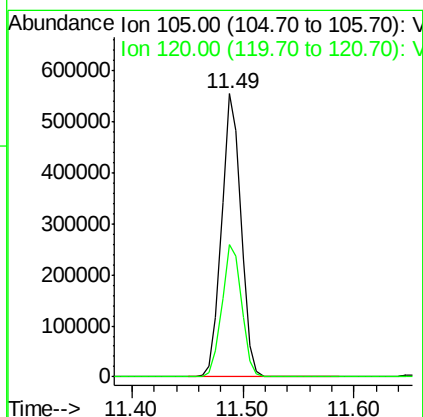
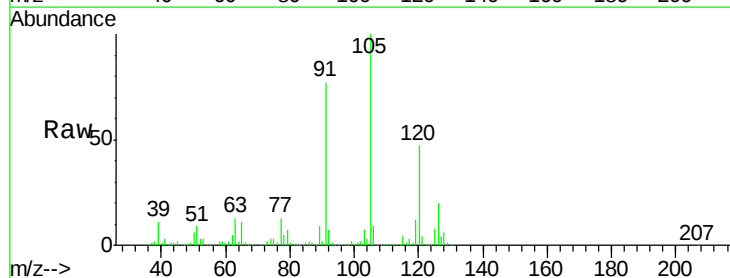
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

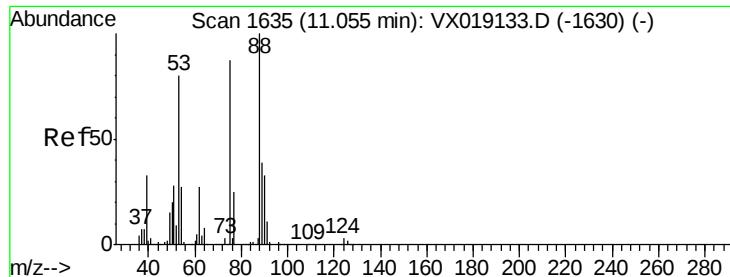
Tot Ion: 91 Resp: 533372
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.959 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

Tgt Ion: 105 Resp: 665844
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.3 72.8

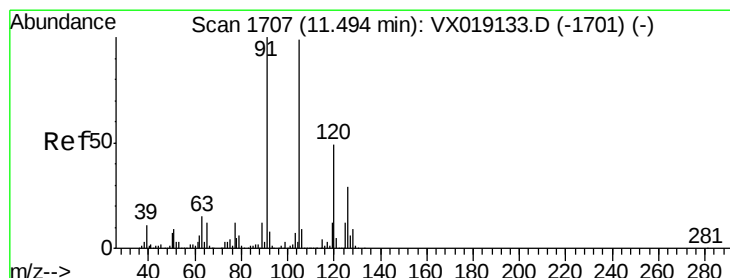
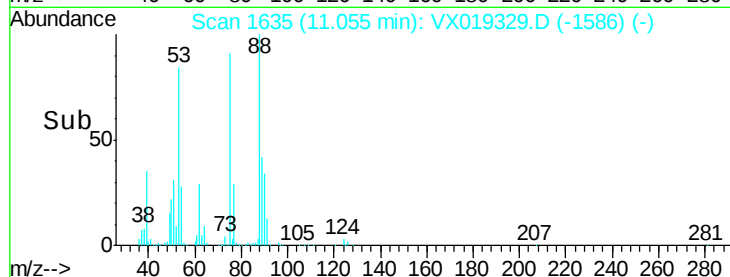
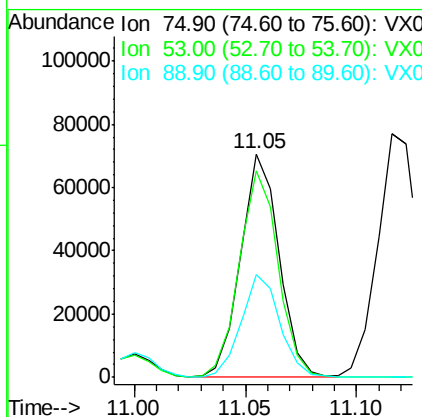
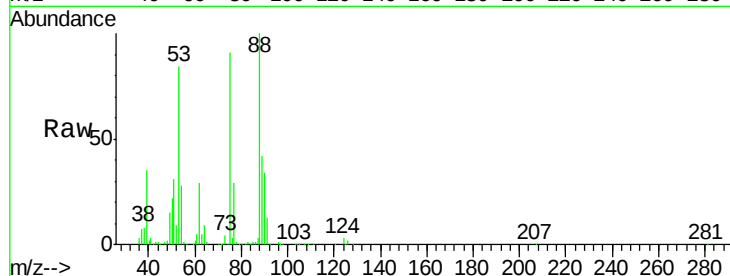




#81
trans-1,4-Dichloro-2-butene
Concen: 50.555 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

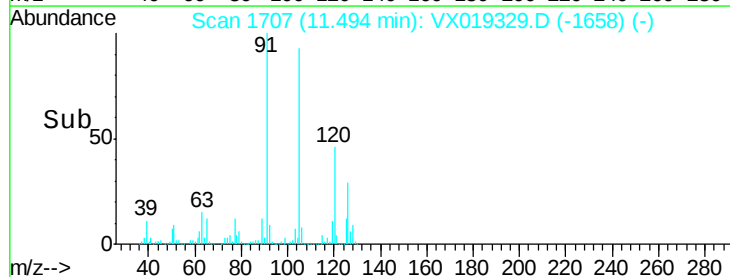
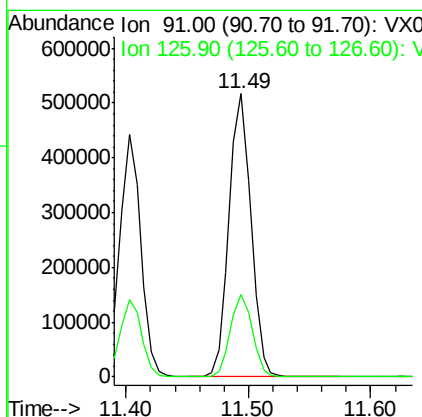
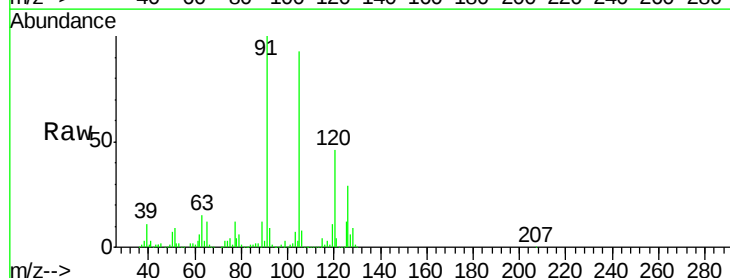
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

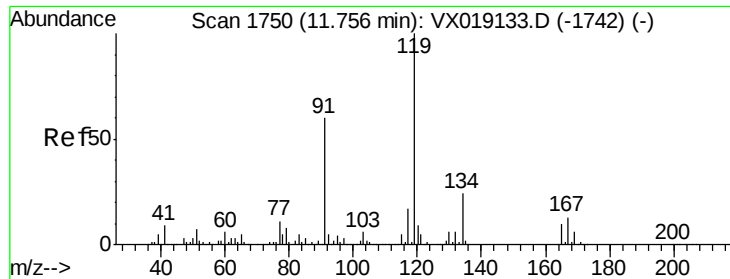
Tot Ion: 75 Resp: 84959
Ion Ratio Lower Upper
75 100
53 93.2 73.3 109.9
89 46.7 38.2 57.2



#82
4-Chlorotoluene
Concen: 51.262 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019329.D
Acq: 06 Nov 2020 10:02

Tgt Ion: 91 Resp: 638163
Ion Ratio Lower Upper
91 100
126 29.1 14.8 44.4

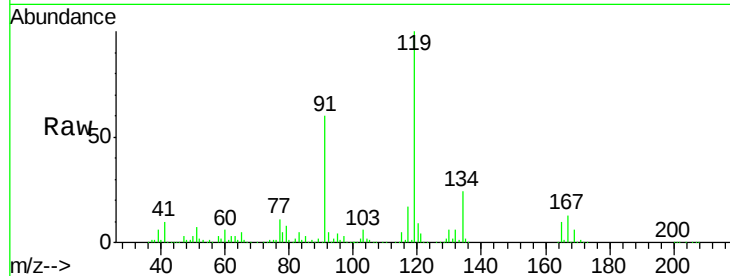




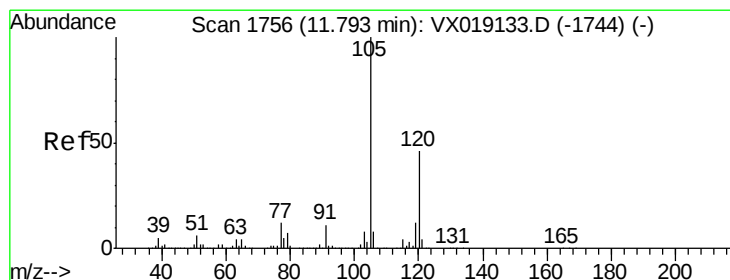
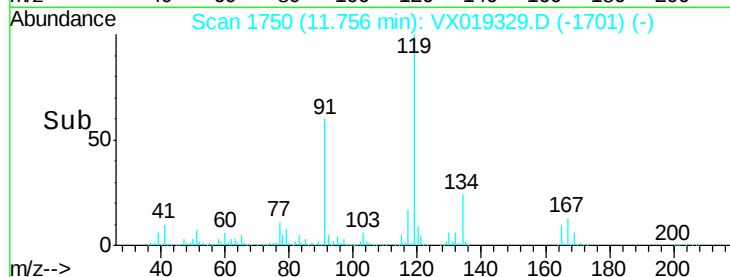
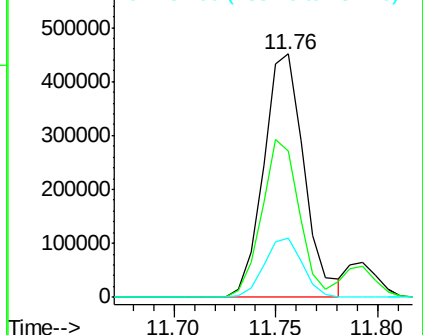
#83
 tert-Butylbenzene
 Concen: 50.900 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 624544
 Ion Ratio Lower Upper
 119 100
 91 59.9 29.0 87.1
 134 23.1 11.7 35.0

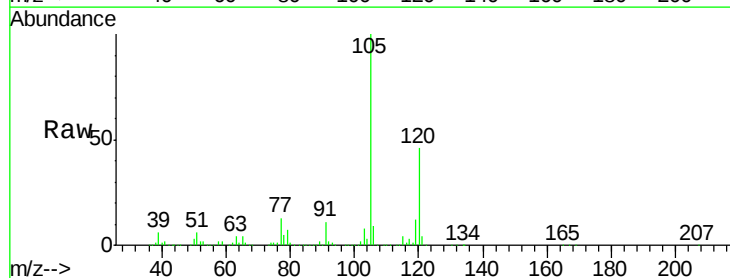


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

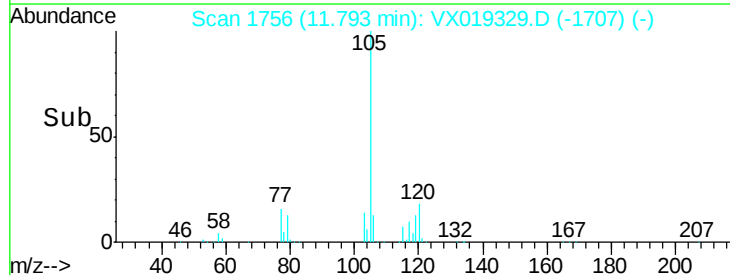
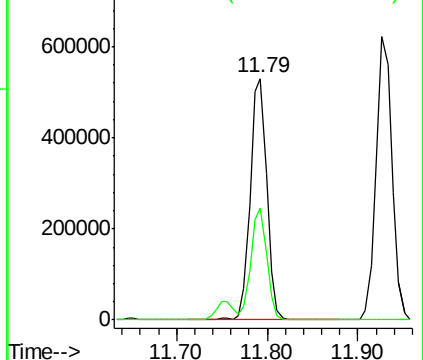


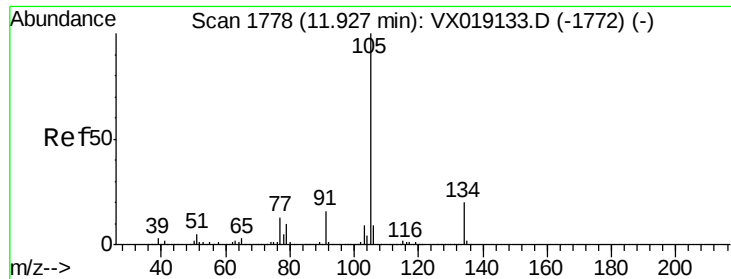
#84
 1,2,4-Trimethylbenzene
 Concen: 51.704 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

Tgt Ion:105 Resp: 668908
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

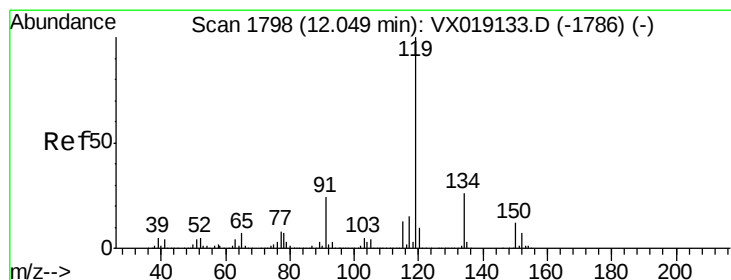
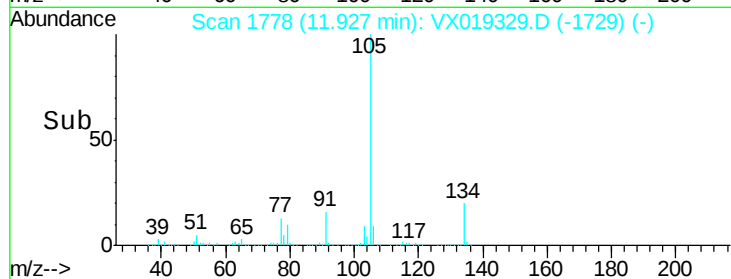
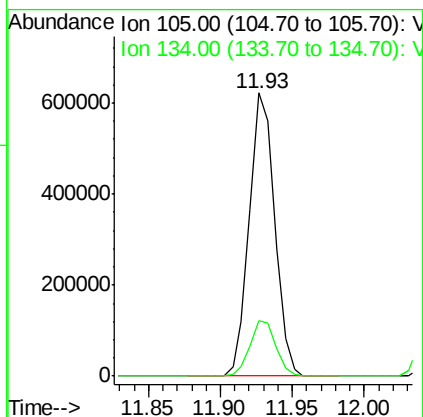
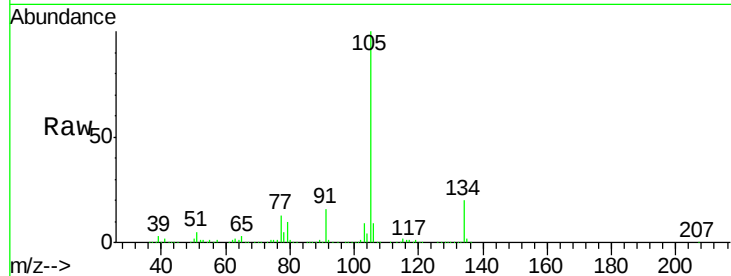




#85
 sec-Butylbenzene
 Concen: 51.491 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

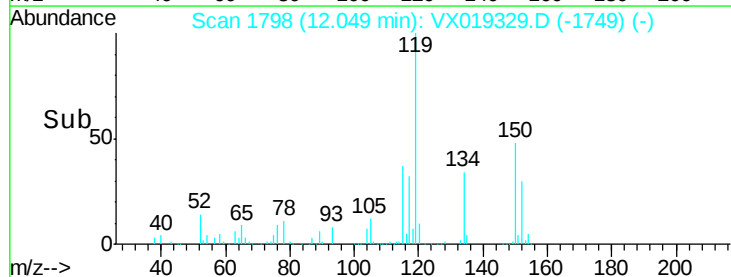
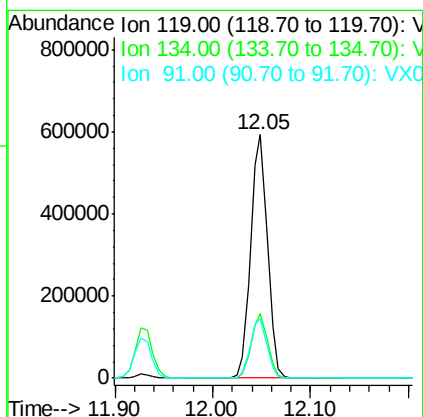
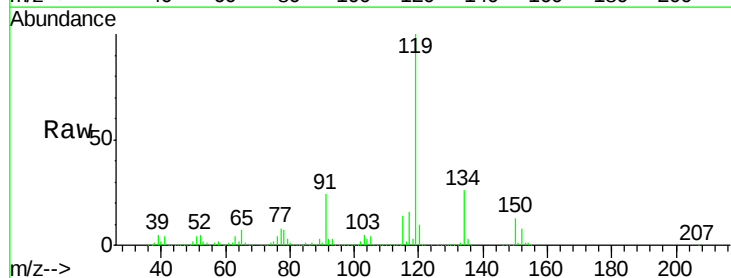
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

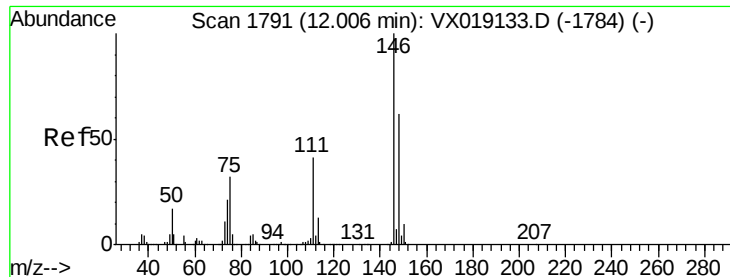
Tot Ion:105 Resp: 757759
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 51.835 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

Tgt Ion:119 Resp: 704090
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.5 12.0 36.0

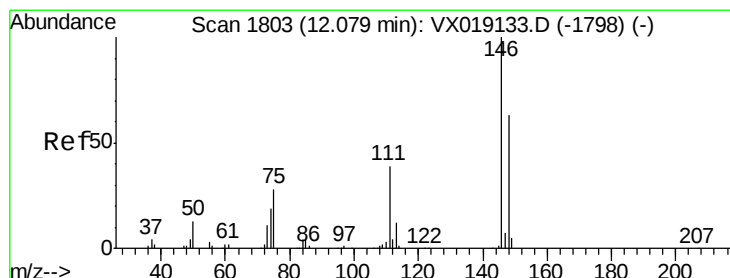
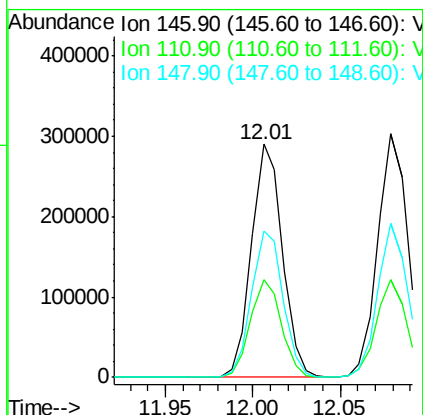
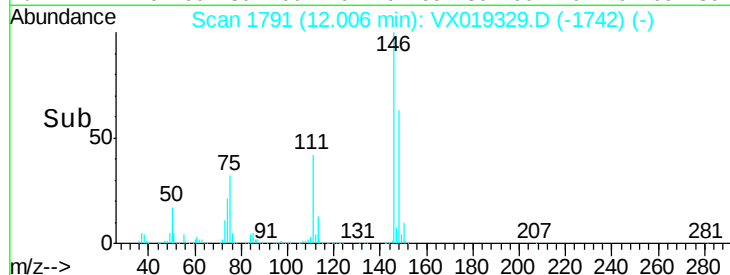
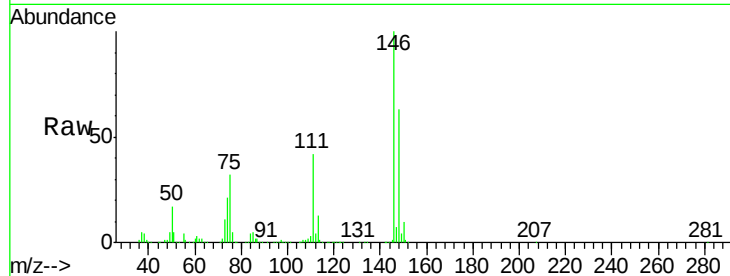




#87
 1,3-Dichlorobenzene
 Concen: 50.958 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

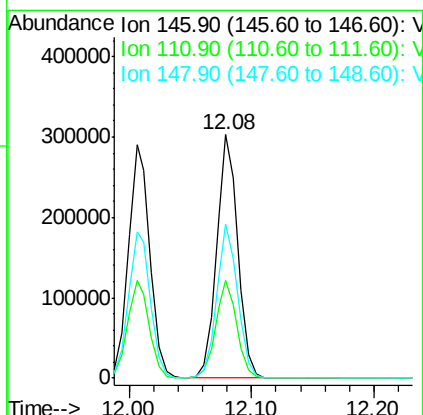
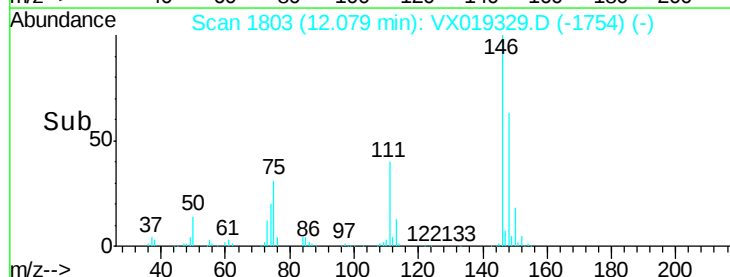
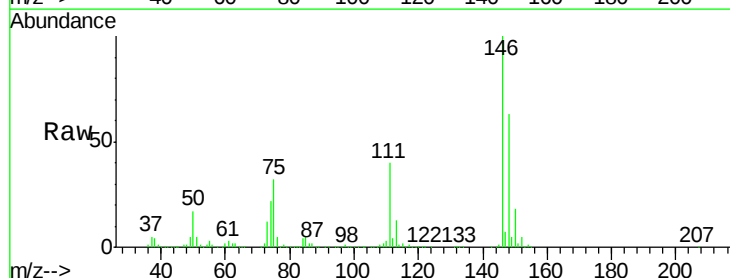
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

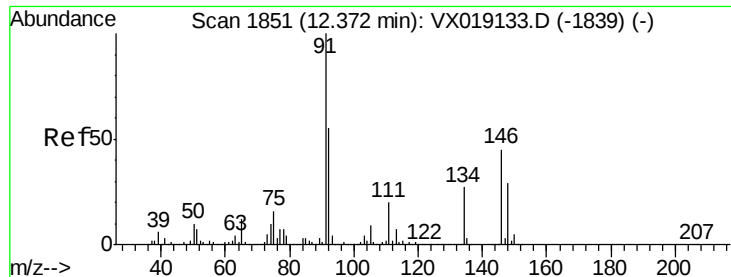
Tot Ion:146 Resp: 357264
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.4 61.2
 148 64.0 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 49.943 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

Tgt Ion:146 Resp: 364485
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.2 60.5
 148 62.9 31.3 93.8





#89

n-Butylbenzene

Concen: 52.086 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

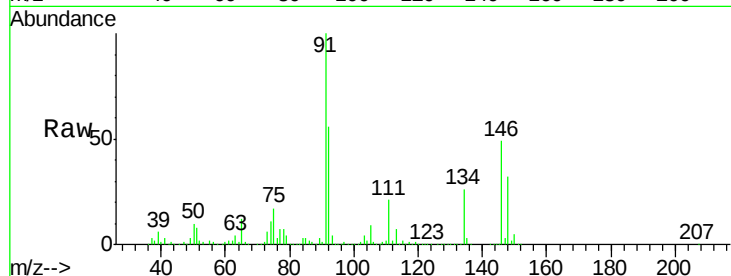
Tot Ion: 91 Resp: 665022

Ion Ratio Lower Upper

91 100

92 54.9 27.5 82.4

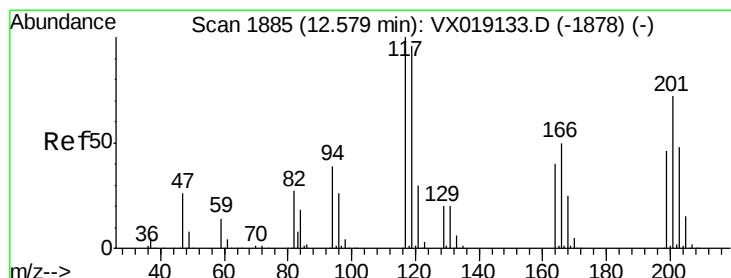
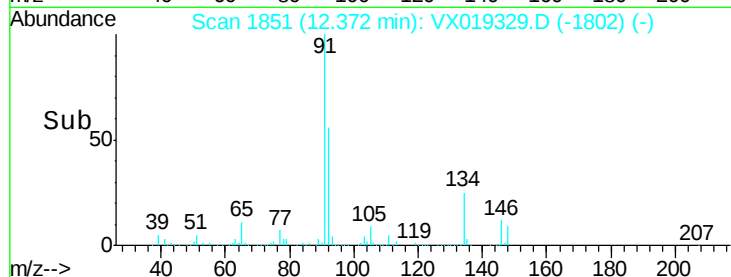
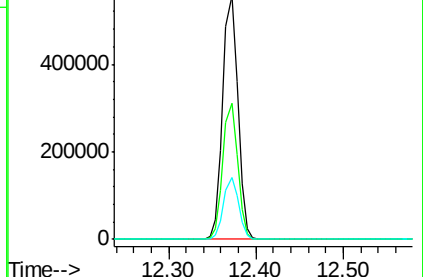
134 25.2 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1839) (-)

Ion 92.00 (91.70 to 92.70): VX019133.D (-1839) (-)

Ion 134.00 (133.70 to 134.70): VX019133.D (-1839) (-)



#90

Hexachloroethane

Concen: 52.427 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019329.D

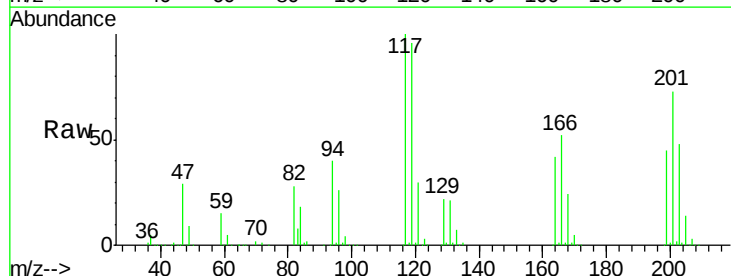
Acq: 06 Nov 2020 10:02

Tgt Ion: 117 Resp: 121043

Ion Ratio Lower Upper

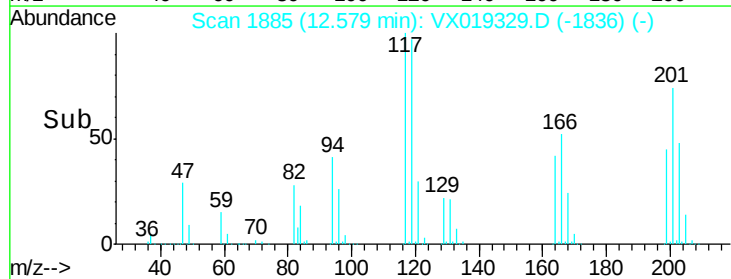
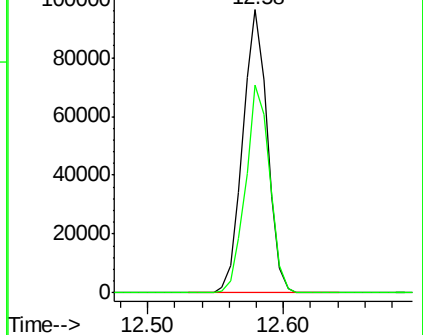
117 100

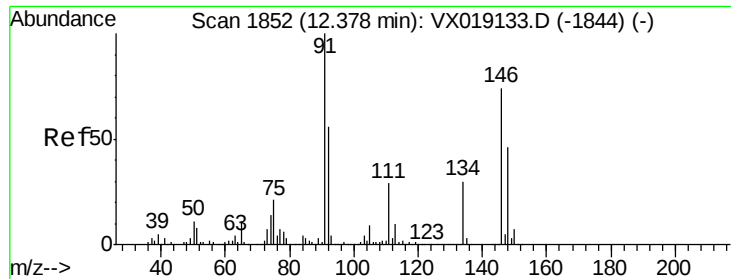
201 72.3 38.5 115.3



Abundance Ion 116.80 (116.50 to 117.50): VX019133.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX019133.D (-1878) (-)

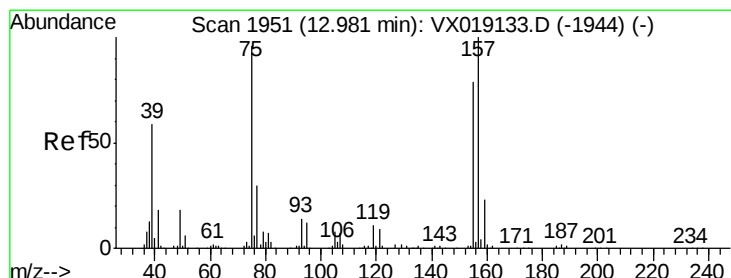
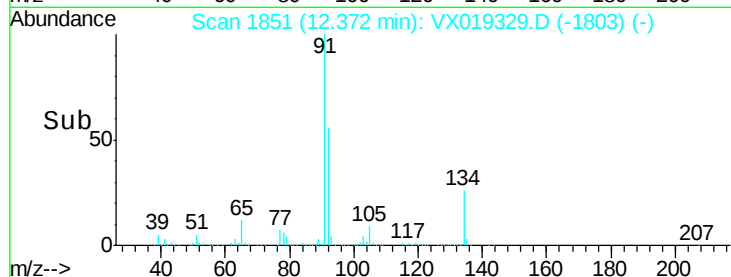
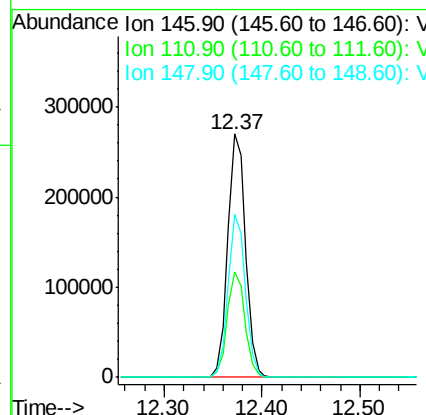
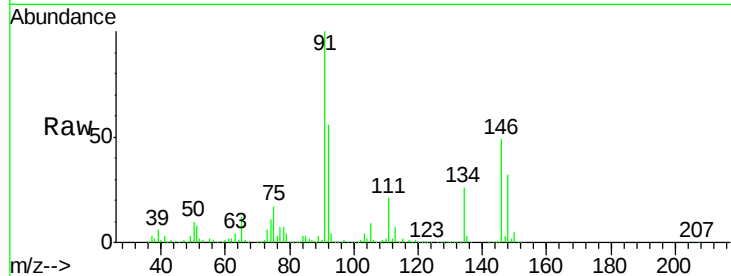




#91
 1,2-Dichlorobenzene
 Concen: 50.612 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

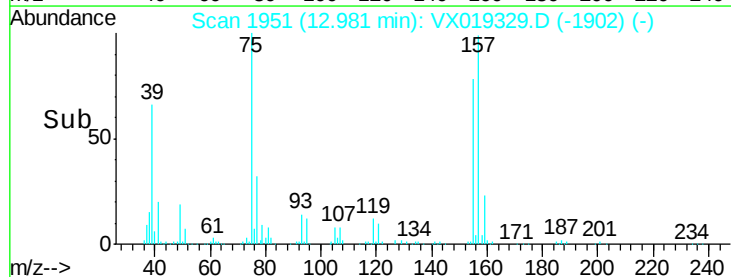
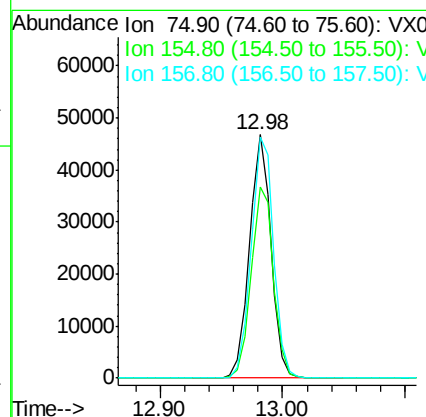
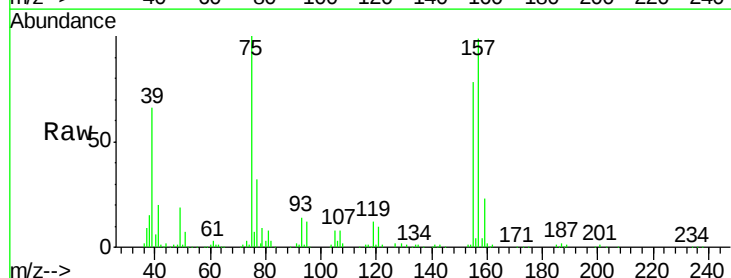
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

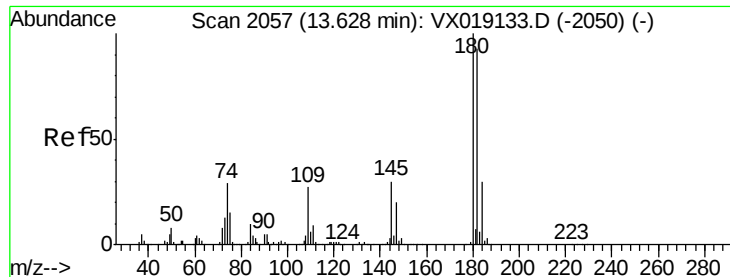
Tot Ion:146 Resp: 340730
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.2 63.6
 148 65.1 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.095 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

Tgt Ion: 75 Resp: 56977
 Ion Ratio Lower Upper
 75 100
 155 81.4 42.8 128.4
 157 103.4 54.8 164.4

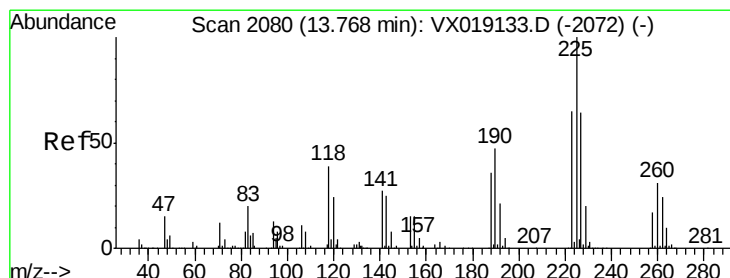
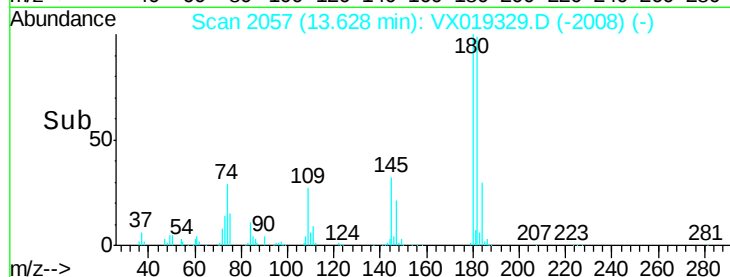
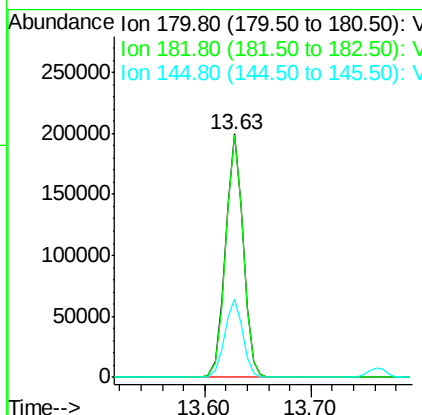
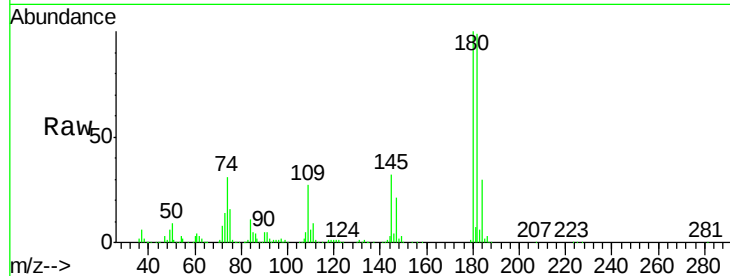




#93
 1,2,4-Trichlorobenzene
 Concen: 45.876 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

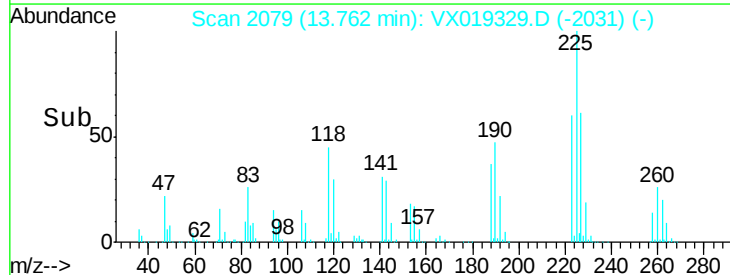
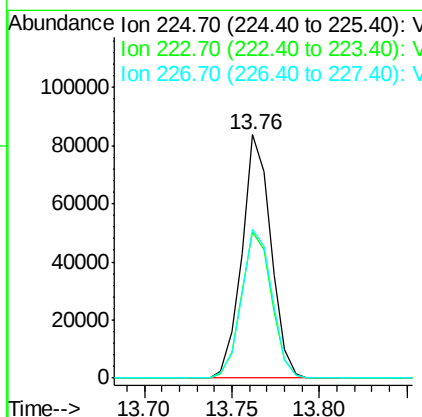
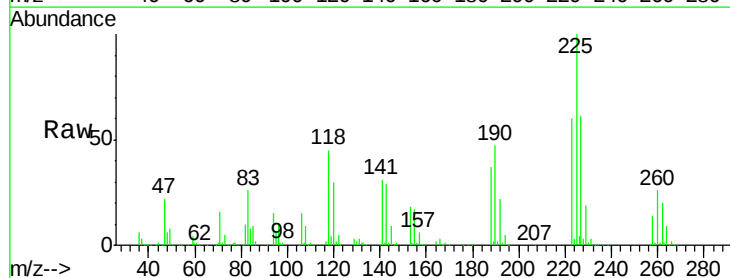
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

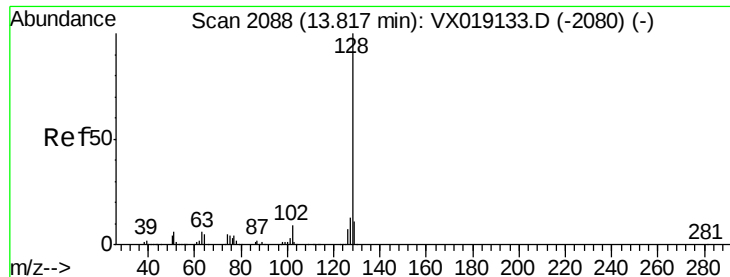
Tot Ion:180 Resp: 231985
 Ion Ratio Lower Upper
 180 100
 182 98.6 46.8 140.3
 145 32.7 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 43.322 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019329.D
 Acq: 06 Nov 2020 10:02

Tgt Ion:225 Resp: 96434
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.4 97.2
 227 63.9 31.6 94.7





#95

Naphthalene

Concen: 48.152 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

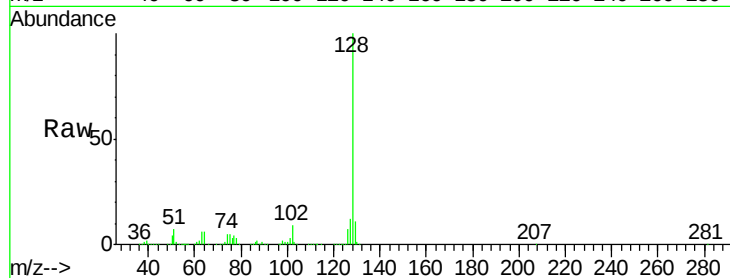
Tot Ion:128 Resp: 766883

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

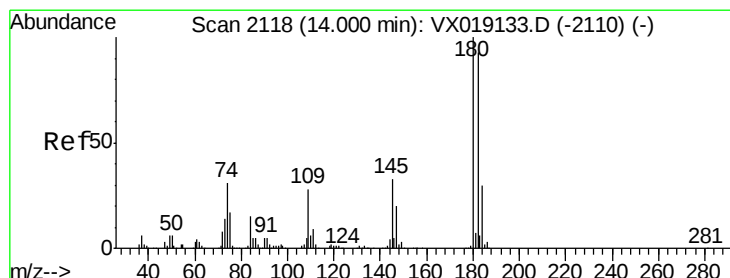
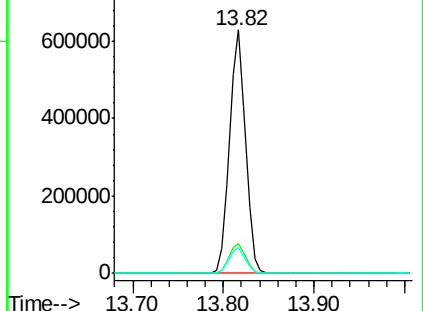
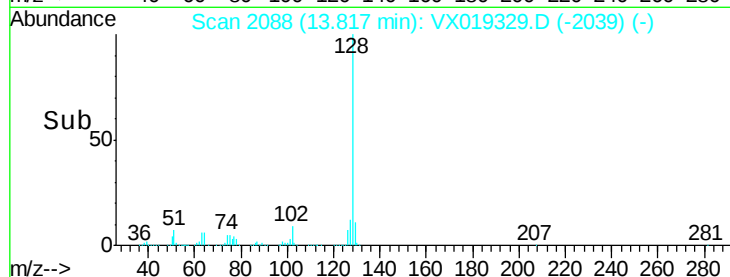
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.681 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019329.D

Acq: 06 Nov 2020 10:02

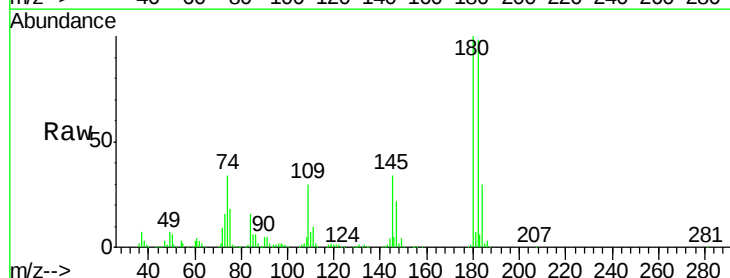
Tgt Ion:180 Resp: 224094

Ion Ratio Lower Upper

180 100

182 96.8 47.8 143.3

145 33.8 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

