

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019014.D
 Acq On : 22 Oct 2020 10:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 23 08:30:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	259438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	421650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	394857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204120	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	149322	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	5.46	113	131632	49.31	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.70	98	505488	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.12	95	182528	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	132677	51.341	ug/l	99
3) Chloromethane	1.31	50	124931	48.622	ug/l	99
4) Vinyl Chloride	1.39	62	151049	49.822	ug/l	99
5) Bromomethane	1.64	94	140282	51.043	ug/l	97
6) Chloroethane	1.71	64	102700	48.399	ug/l	100
7) Trichlorofluoromethane	1.92	101	250307	48.856	ug/l	99
8) Diethyl Ether	2.17	74	93818	46.765	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	121644	50.117	ug/l	100
10) Methyl Iodide	2.49	142	149630	44.317	ug/l	99
11) Tert butyl alcohol	3.03	59	146902	233.400	ug/l	100
12) 1,1-Dichloroethene	2.36	96	121448	48.095	ug/l	97
13) Acrolein	2.27	56	54286	229.888	ug/l	97
14) Allyl chloride	2.70	41	162159	49.640	ug/l	98
15) Acrylonitrile	3.11	53	282975	232.499	ug/l	99
16) Acetone	2.42	43	243580	230.118	ug/l	100
17) Carbon Disulfide	2.55	76	344697	47.331	ug/l	100
18) Methyl Acetate	2.75	43	124587	47.432	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	386790	48.356	ug/l	99
20) Methylene Chloride	2.83	84	139184	47.232	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	140667	47.739	ug/l	98
22) Diisopropyl ether	3.82	45	318434	49.434	ug/l	98
23) Vinyl Acetate	3.78	43	1503249	245.764	ug/l	100
24) 1,1-Dichloroethane	3.67	63	227738	48.546	ug/l	99
25) 2-Butanone	4.63	43	396931	237.325	ug/l	98
26) 2,2-Dichloropropane	4.54	77	221309	51.094	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	162132	48.484	ug/l	100
28) Bromochloromethane	4.98	49	92867	46.620	ug/l	99
29) Tetrahydrofuran	5.08	42	228283	228.360	ug/l	99
30) Chloroform	5.17	83	252006	49.480	ug/l	99
31) Cyclohexane	5.54	56	181449	49.859	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	228126	49.386	ug/l	100
36) 1,1-Dichloropropene	5.76	75	191659	50.657	ug/l	98
37) Ethyl Acetate	4.79	43	157330	48.721	ug/l	99
38) Carbon Tetrachloride	5.75	117	197590	49.756	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	217276	51.259	ug/l	97
40) Benzene	6.10	78	559330	50.197	ug/l	99
41) Methacrylonitrile	4.99	41	83133	47.925	ug/l	99
42) 1,2-Dichloroethane	6.15	62	191499	50.359	ug/l	100
43) Isopropyl Acetate	6.40	43	271352	49.616	ug/l	100
44) Trichloroethene	7.18	130	160608	49.425	ug/l	99
45) 1,2-Dichloropropane	7.49	63	134817	50.440	ug/l	100
46) Dibromomethane	7.63	93	98773	48.520	ug/l	99
47) Bromodichloromethane	7.87	83	205150	51.397	ug/l	98
48) Methyl methacrylate	7.74	41	129388	48.015	ug/l	99
49) 1,4-Dioxane	7.73	88	59003	969.070	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	804788	249.727	ug/l	100
52) Toluene	8.76	92	372848	50.661	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	230971	51.243	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	244563	51.381	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	149819	49.936	ug/l	99
56) Ethyl methacrylate	9.16	69	219848	50.933	ug/l	99
57) 1,3-Dichloropropane	9.35	76	240373	50.476	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	537378	236.995	ug/l	99
59) 2-Hexanone	9.47	43	620635	258.427	ug/l	100
60) Dibromochloromethane	9.56	129	168319	51.473	ug/l	100
61) 1,2-Dibromoethane	9.65	107	160202	49.906	ug/l	99
64) Tetrachloroethene	9.32	164	148229	49.306	ug/l	86
65) Chlorobenzene	10.12	112	408976	49.379	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	151367	51.404	ug/l	100
67) Ethyl Benzene	10.23	91	723278	50.661	ug/l	99
68) m/p-Xylenes	10.34	106	561571	102.683	ug/l	99
69) o-Xylene	10.68	106	265107	50.649	ug/l	100
70) Styrene	10.70	104	450620	50.708	ug/l	99
71) Bromoform	10.84	173	124598	52.415	ug/l #	99
73) Isopropylbenzene	11.00	105	720409	49.061	ug/l	100
74) N-amyl acetate	10.88	43	230227	48.936	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	216006	48.830	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	260093	63.752	ug/l	85
77) Bromobenzene	11.24	156	177000	47.729	ug/l	99
78) n-propylbenzene	11.34	91	821707	49.385	ug/l	100
79) 2-Chlorotoluene	11.40	91	476734	49.113	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	602725	49.706	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	79215	49.469	ug/l	95
82) 4-Chlorotoluene	11.49	91	563941	48.827	ug/l	99
83) tert-Butylbenzene	11.76	119	599122	50.156	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	610572	50.286	ug/l	99
85) sec-Butylbenzene	11.93	105	724654	50.132	ug/l	100
86) p-Isopropyltoluene	12.05	119	667111	50.509	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	332067	48.813	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	337094	48.286	ug/l	99
89) n-Butylbenzene	12.37	91	622216	51.467	ug/l	99
90) Hexachloroethane	12.58	117	107773	53.301	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	308246	48.599	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48431	48.081	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration

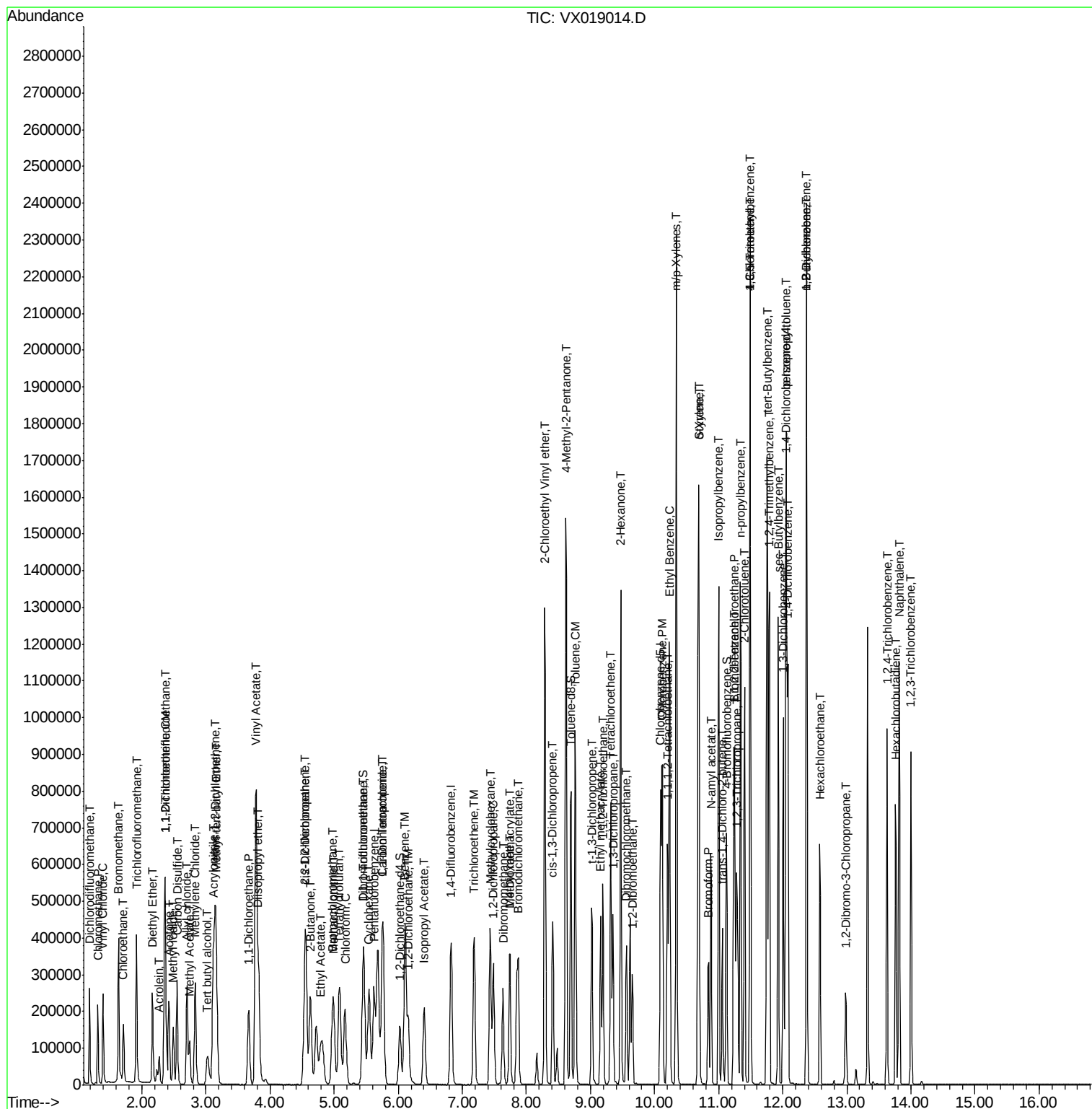
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	220260	47.466	ug/l	97
94) Hexachlorobutadiene	13.77	225	106571	49.537	ug/l	97
95) Naphthalene	13.82	128	704178	48.231	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	216051	47.833	ug/l	98

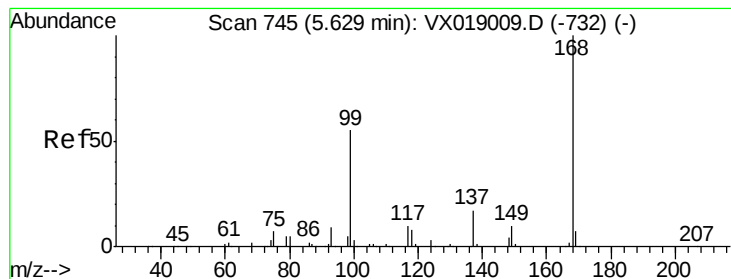
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102220\
Data File : VX019014.D
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Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

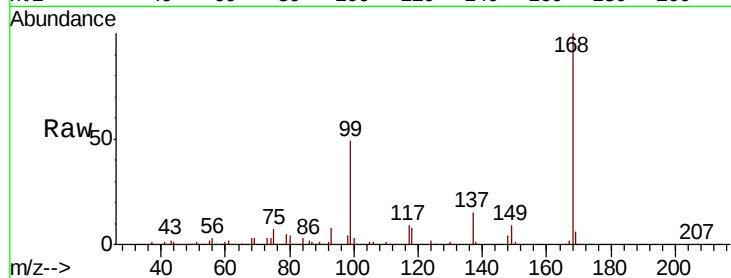
VSTDCCC050

Tot Ion:168 Resp: 259438

Ion Ratio Lower Upper

168 100

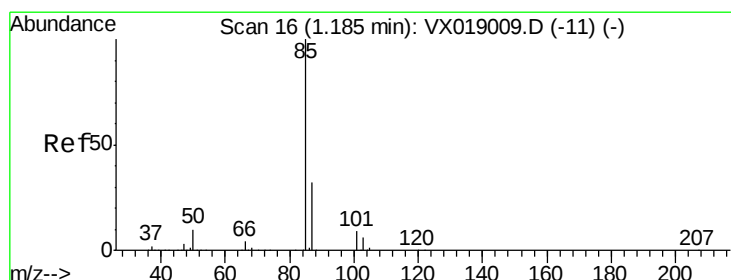
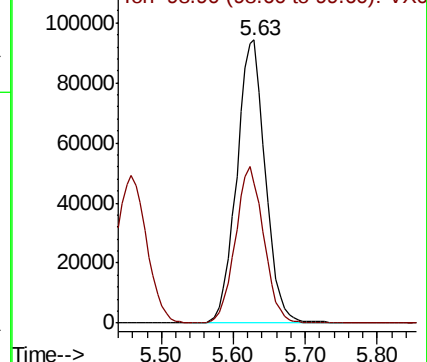
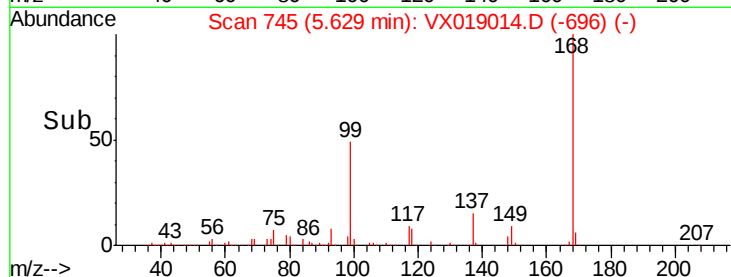
99 49.3 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63



#2

Dichlorodifluoromethane

Concen: 51.341 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019014.D

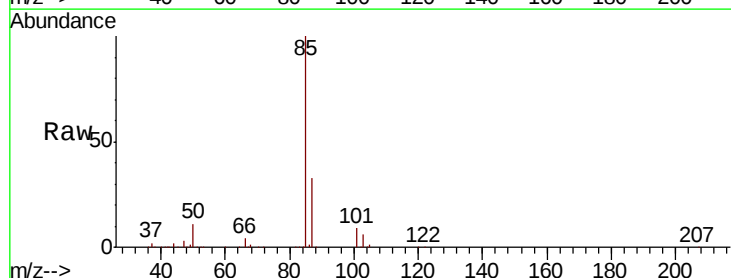
Acq: 22 Oct 2020 10:01

Tgt Ion: 85 Resp: 132677

Ion Ratio Lower Upper

85 100

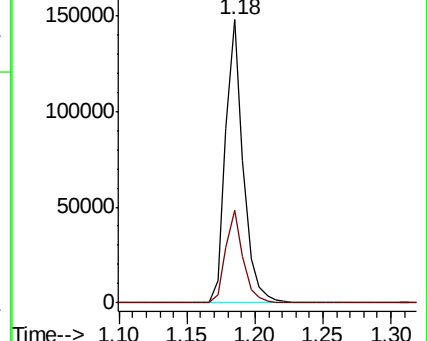
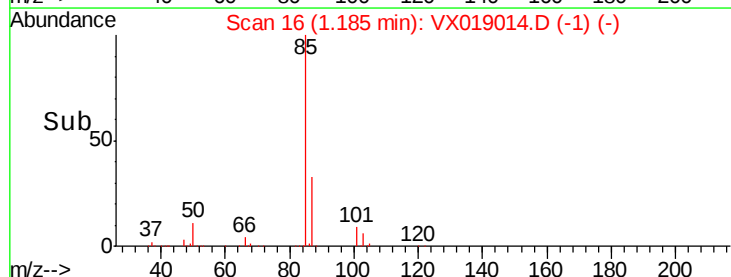
87 32.8 16.2 48.6

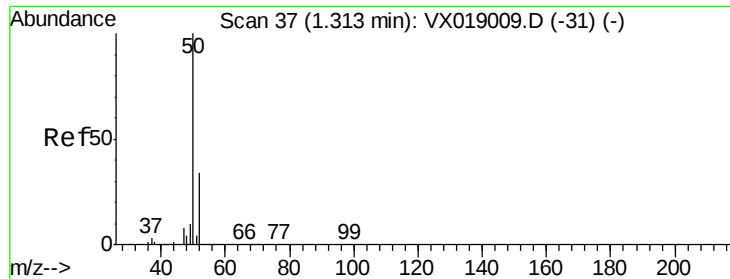


Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18





#3

Chloromethane

Concen: 48.622 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

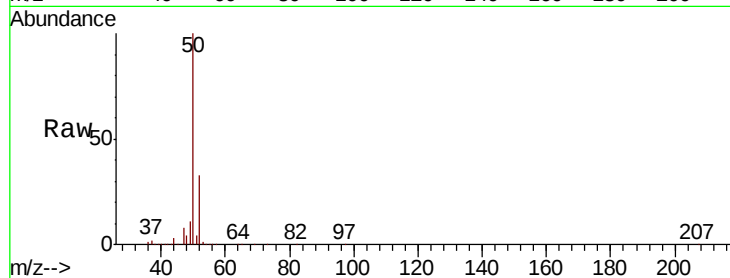
VSTDCCC050

Tot Ion: 50 Resp: 124931

Ion Ratio Lower Upper

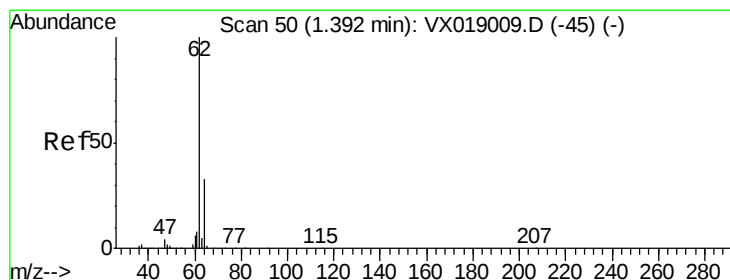
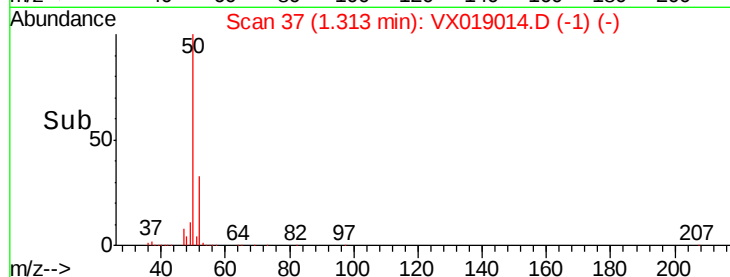
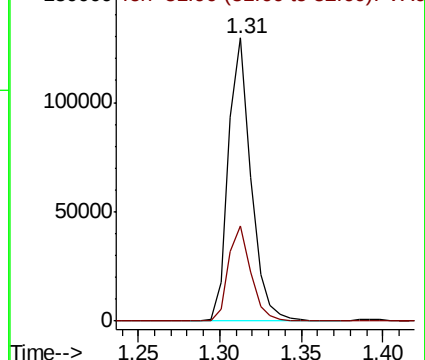
50 100

52 33.5 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.822 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019014.D

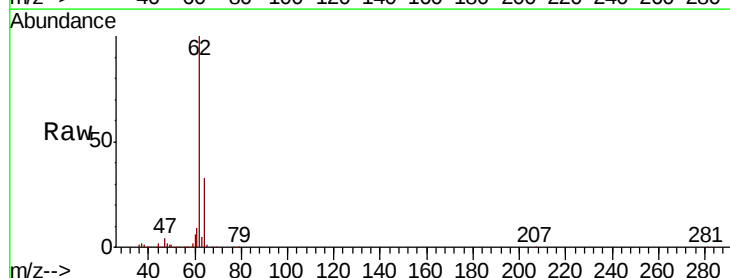
Acq: 22 Oct 2020 10:01

Tgt Ion: 62 Resp: 151049

Ion Ratio Lower Upper

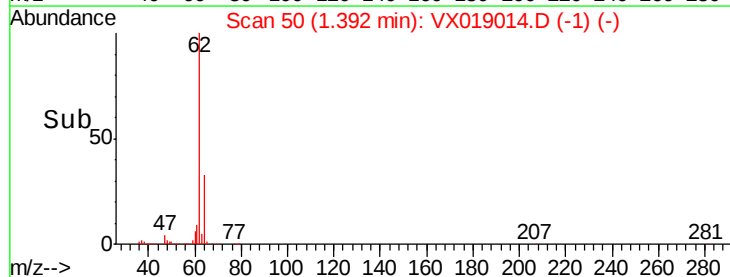
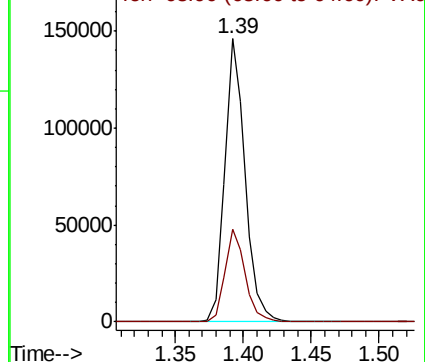
62 100

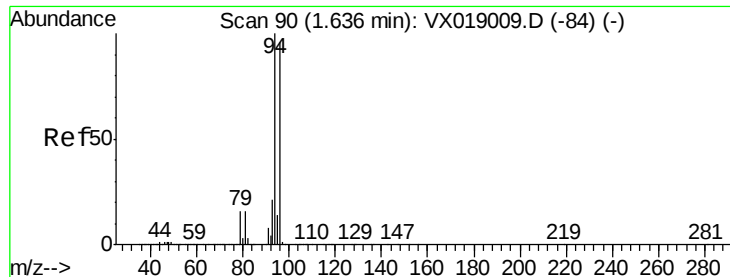
64 32.7 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.043 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

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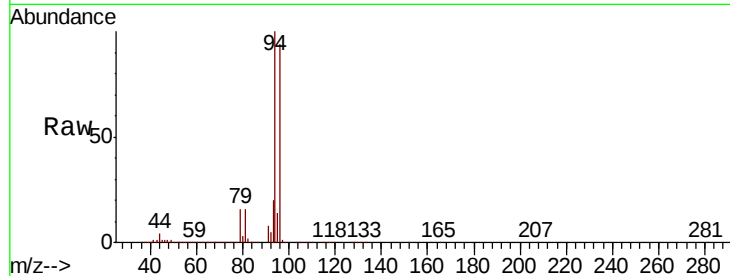
VSTDCCC050

Tot Ion: 94 Resp: 140282

Ion Ratio Lower Upper

94 100

96 93.6 77.1 115.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

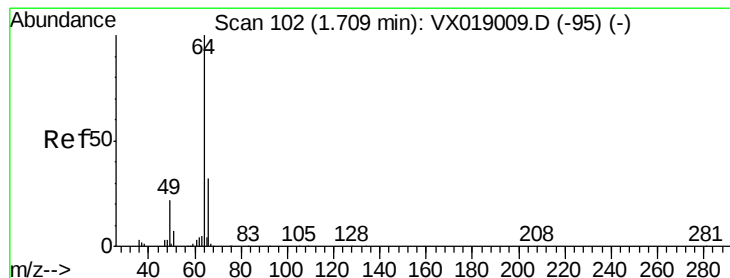
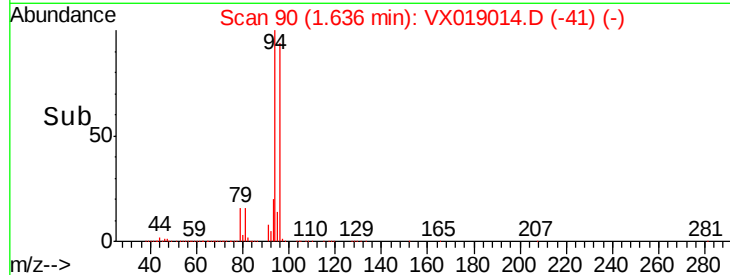
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 48.399 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019014.D

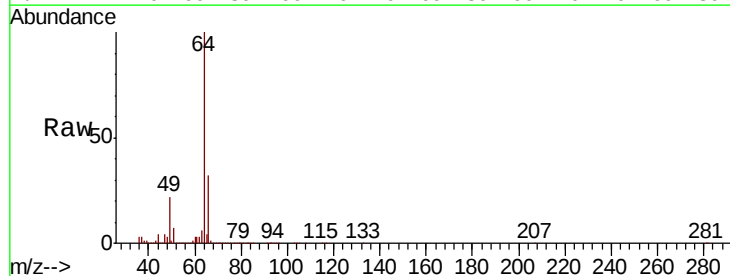
Acq: 22 Oct 2020 10:01

Tgt Ion: 64 Resp: 102700

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

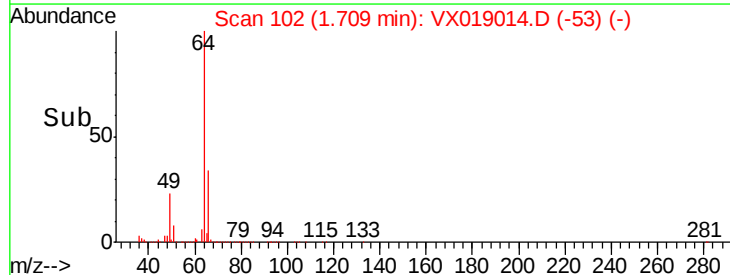
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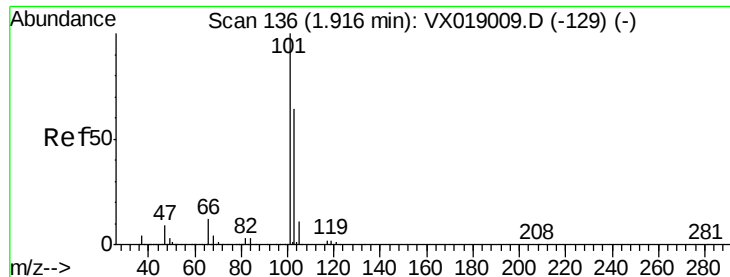
40000

20000

0

Time-->



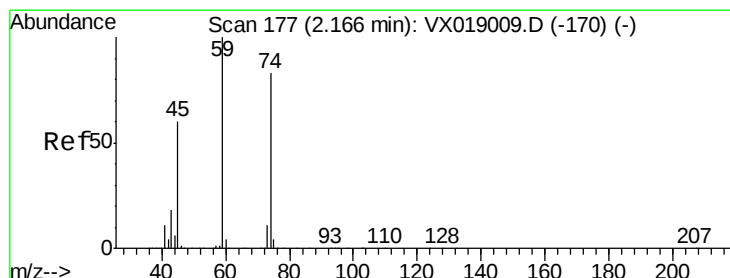
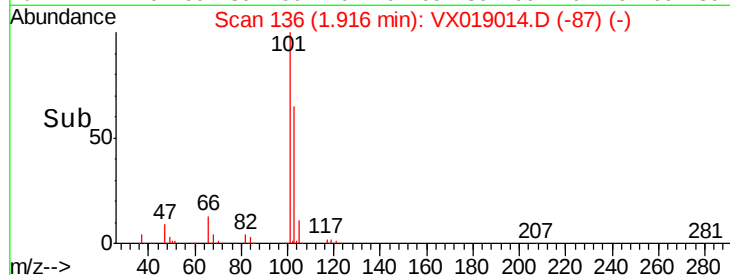
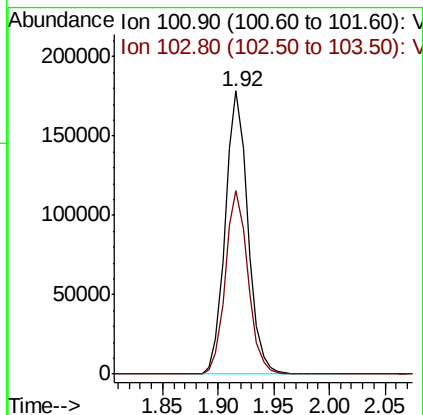
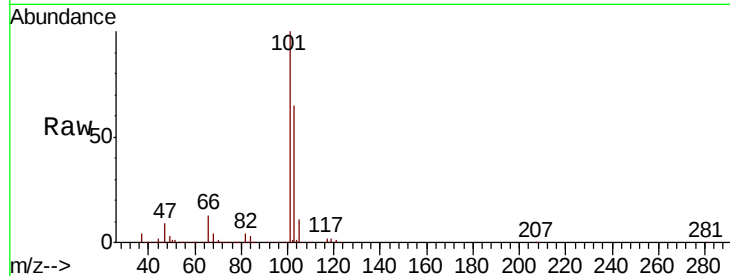


#7

Trichlorofluoromethane
Concen: 48.856 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Instrument :
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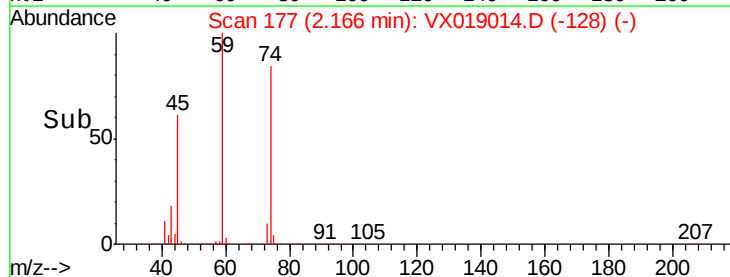
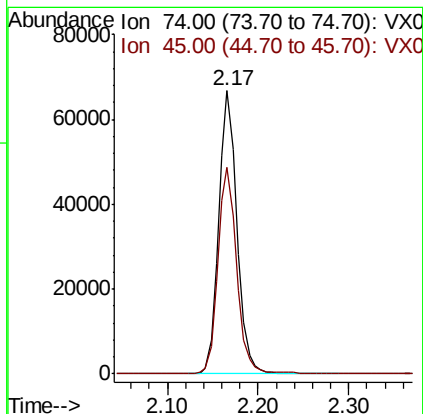
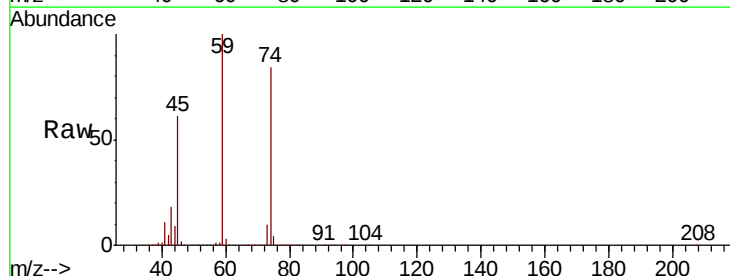
Tot Ion:101 Resp: 250307
Ion Ratio Lower Upper
101 100
103 64.7 51.2 76.8

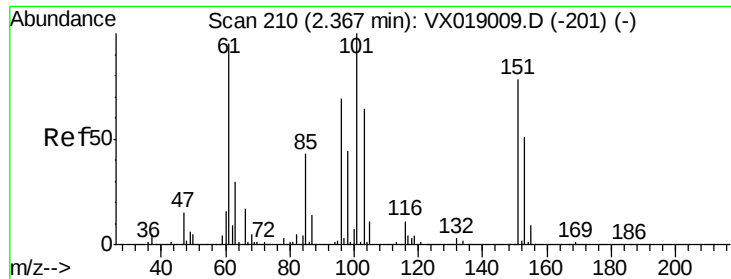


#8

Diethyl Ether
Concen: 46.765 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion: 74 Resp: 93818
Ion Ratio Lower Upper
74 100
45 74.3 36.8 110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.117 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

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VSTDCCC050

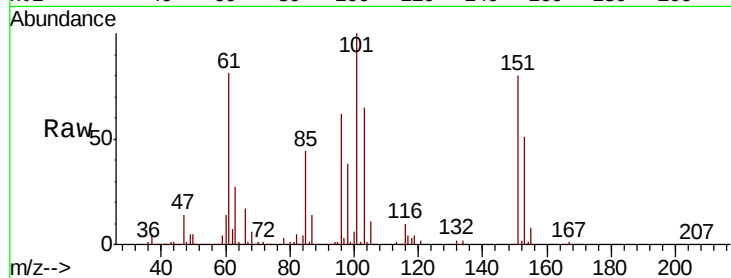
Tot Ion:101 Resp: 121644

Ion Ratio Lower Upper

101 100

85 43.9 35.2 52.8

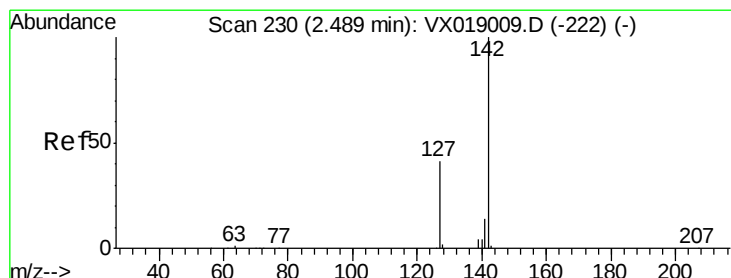
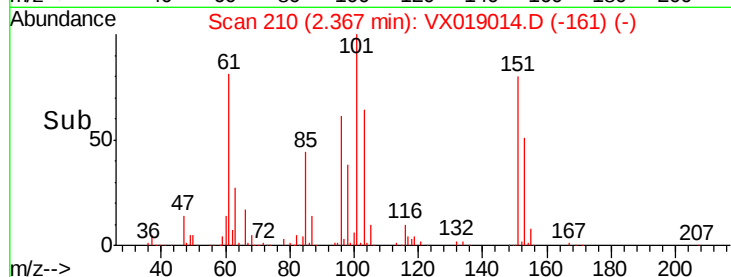
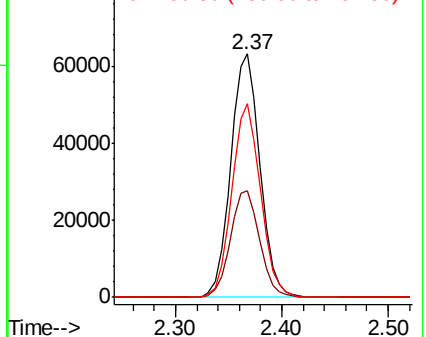
151 78.0 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.317 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

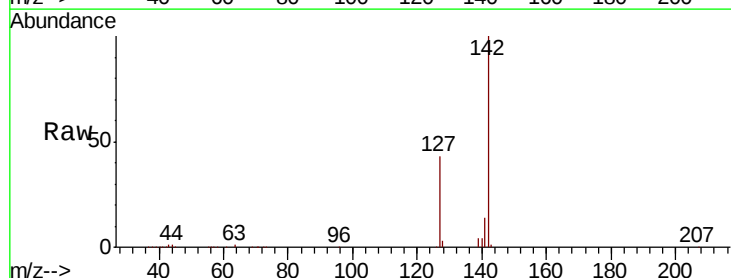
Tgt Ion:142 Resp: 149630

Ion Ratio Lower Upper

142 100

127 42.5 33.6 50.4

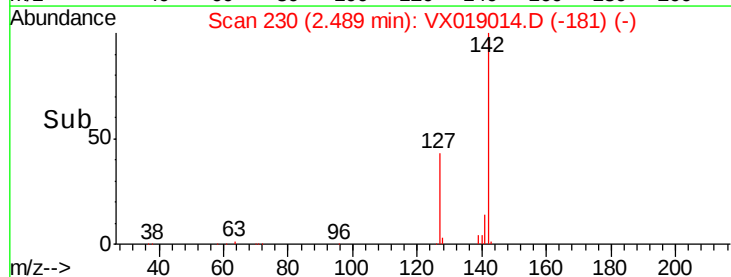
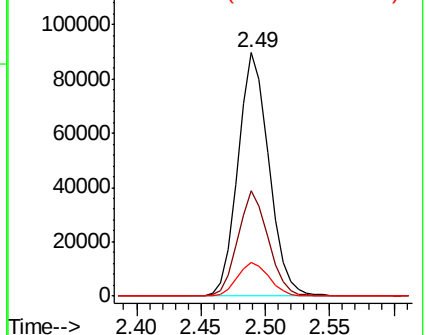
141 14.1 11.2 16.8

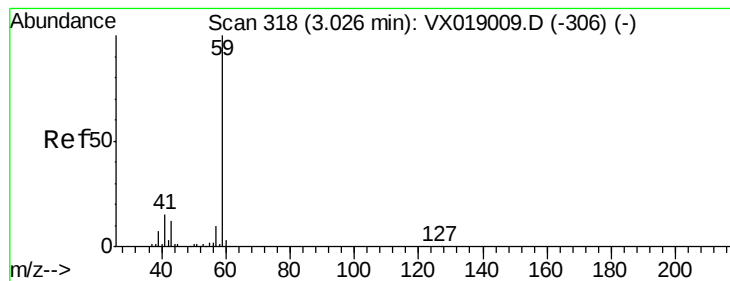


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



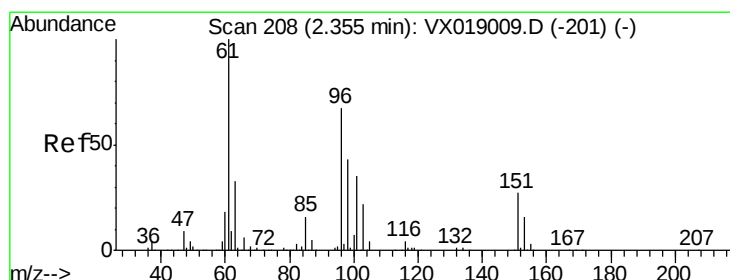
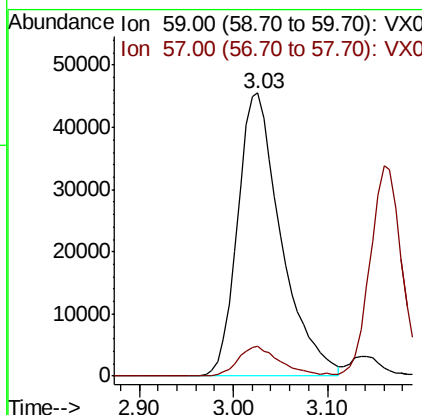
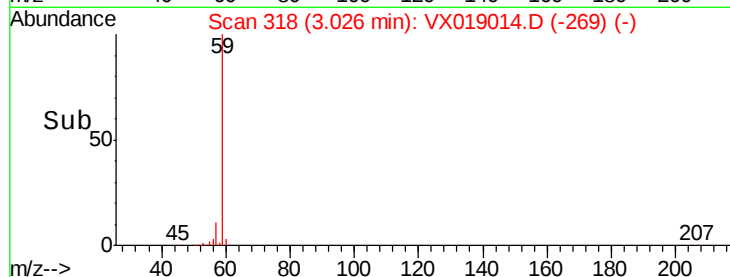
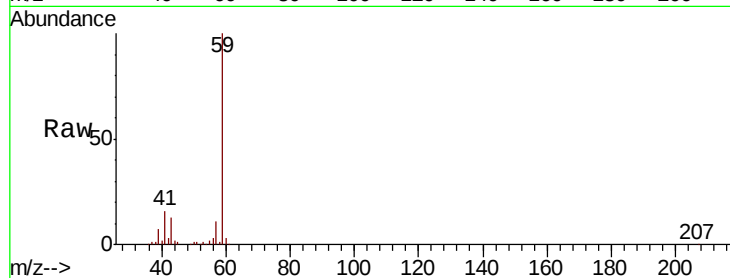


#11

Tert butyl alcohol
 Concen: 233.400 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. -0.00 min
 Lab File: VX019014.D
 Acq: 22 Oct 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

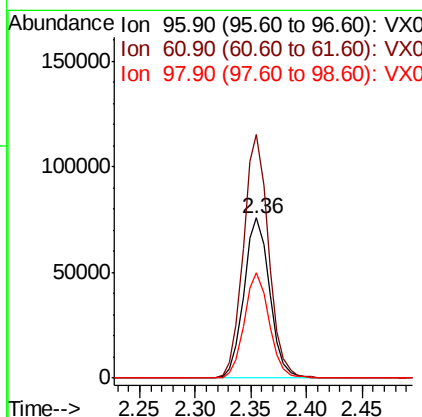
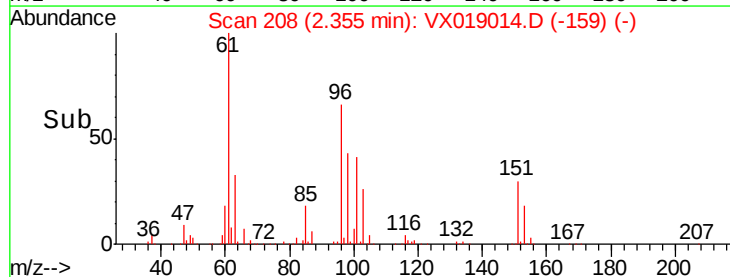
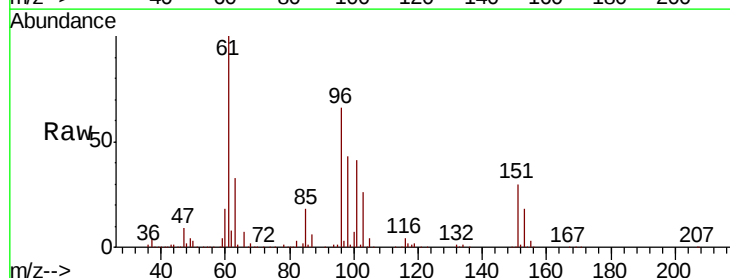
Tot Ion: 59 Resp: 146902
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

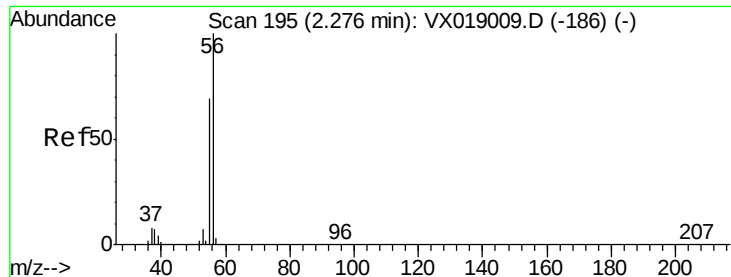


#12

1,1-Dichloroethene
 Concen: 48.095 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019014.D
 Acq: 22 Oct 2020 10:01

Tgt Ion: 96 Resp: 121448
 Ion Ratio Lower Upper
 96 100
 61 152.3 119.0 178.6
 98 66.2 51.0 76.4





#13

Acrolein

Concen: 229.888 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

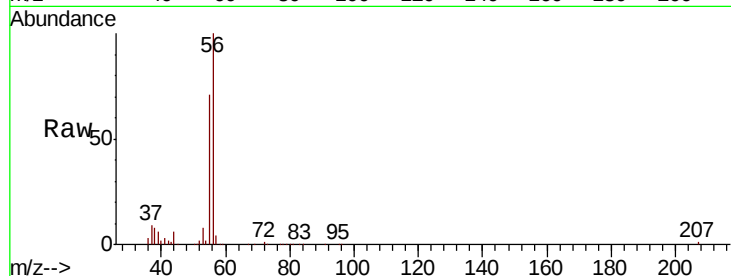
VSTDCCC050

Tot Ion: 56 Resp: 54286

Ion Ratio Lower Upper

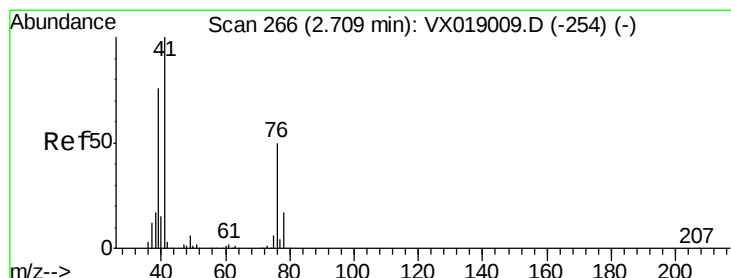
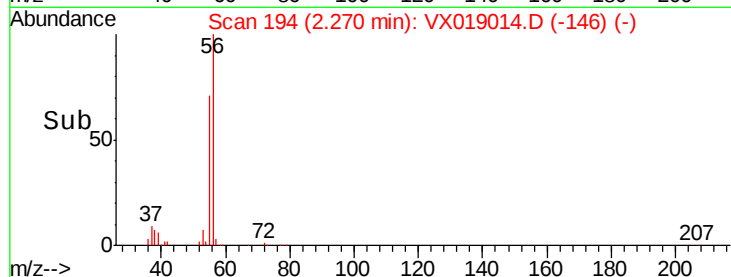
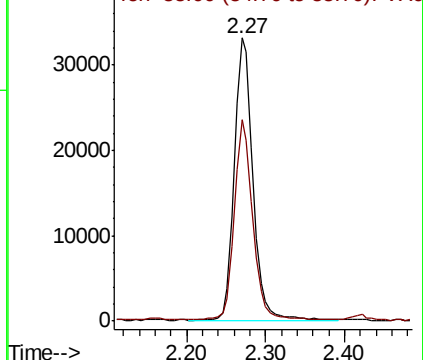
56 100

55 70.5 54.2 81.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.640 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

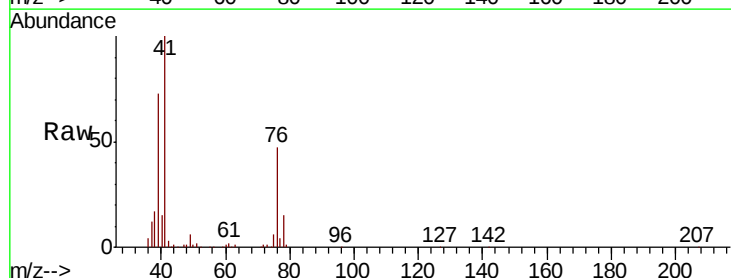
Tgt Ion: 41 Resp: 162159

Ion Ratio Lower Upper

41 100

39 69.4 57.4 86.0

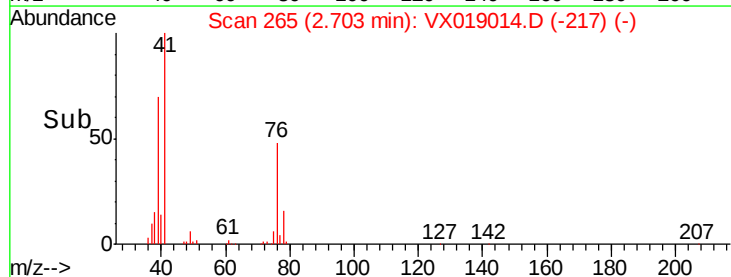
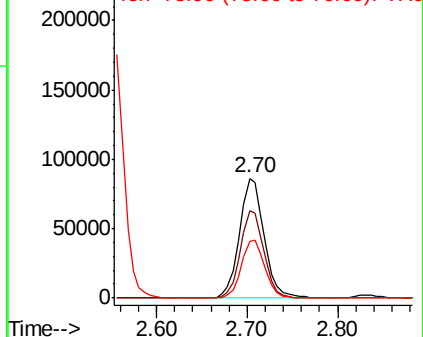
76 46.4 37.7 56.5

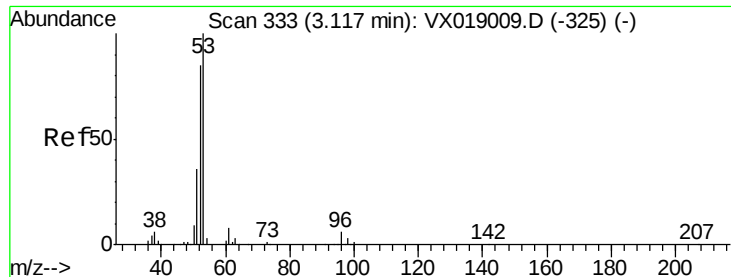


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 232.499 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

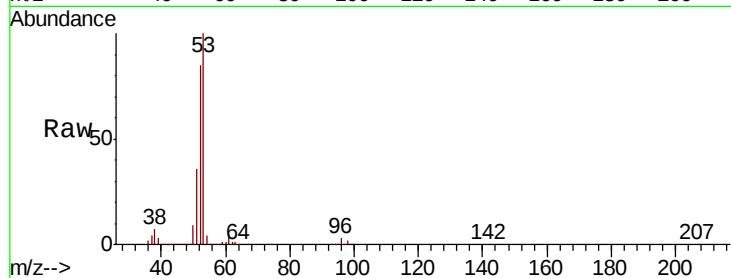
Tot Ion: 53 Resp: 282975

Ion Ratio Lower Upper

53 100

52 83.1 65.9 98.9

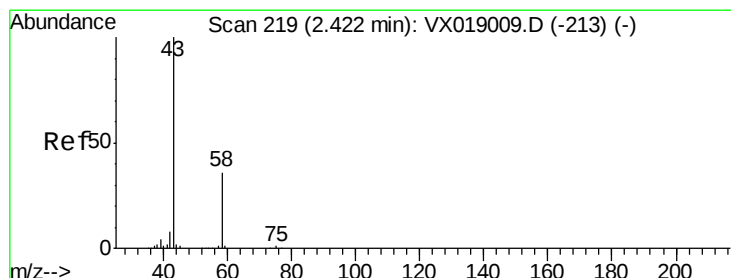
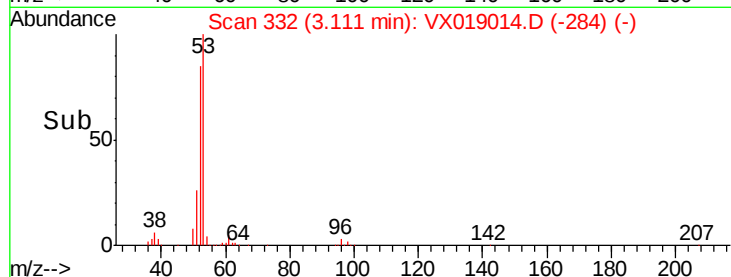
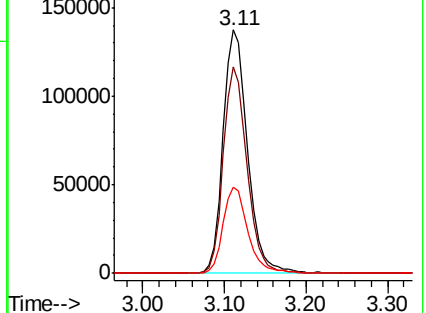
51 35.9 28.3 42.5



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: 230.118 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019014.D

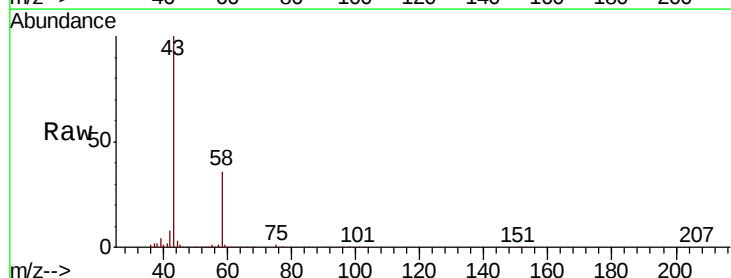
Acq: 22 Oct 2020 10:01

Tgt Ion: 43 Resp: 243580

Ion Ratio Lower Upper

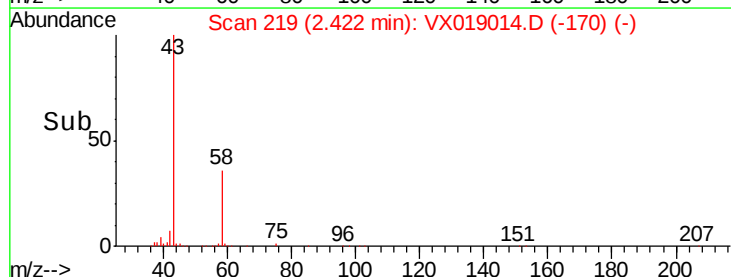
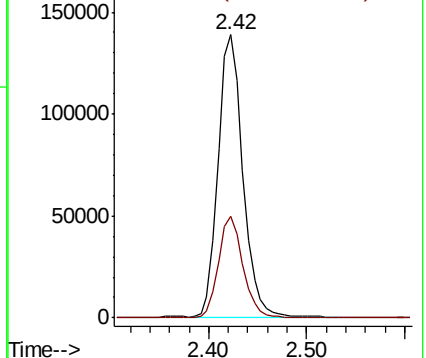
43 100

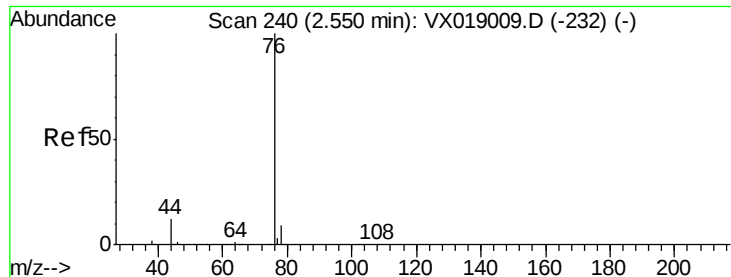
58 35.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.331 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

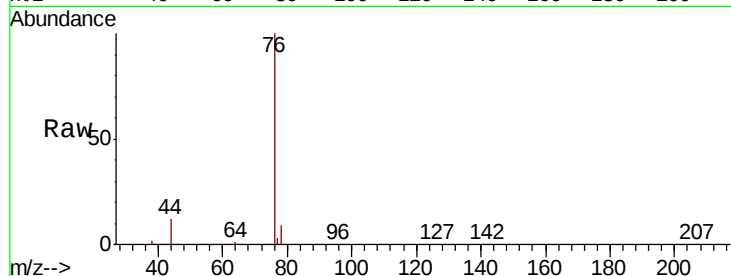
VSTDCCC050

Tot Ion: 76 Resp: 344697

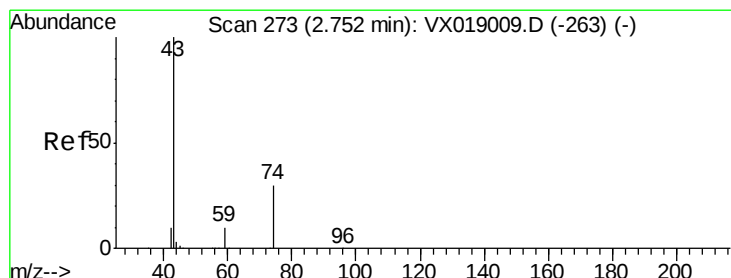
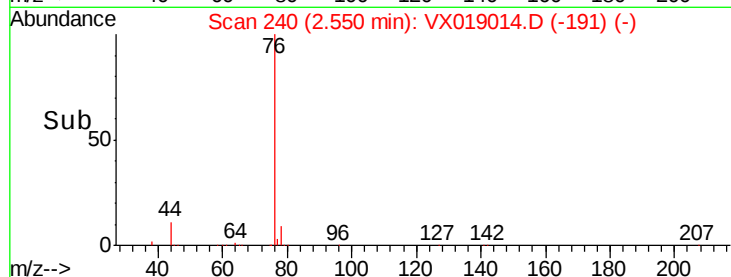
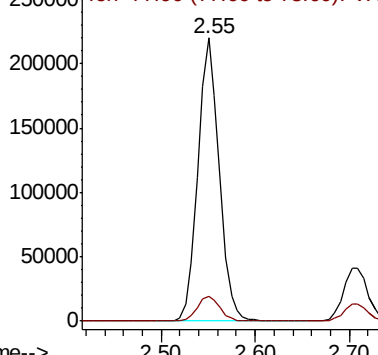
Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.432 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX019014.D

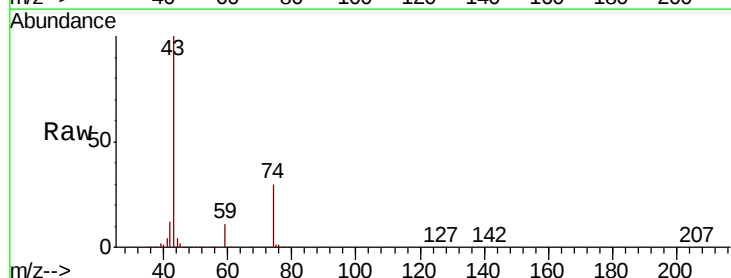
Acq: 22 Oct 2020 10:01

Tgt Ion: 43 Resp: 124587

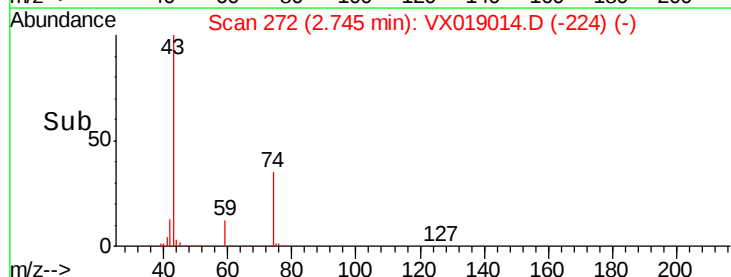
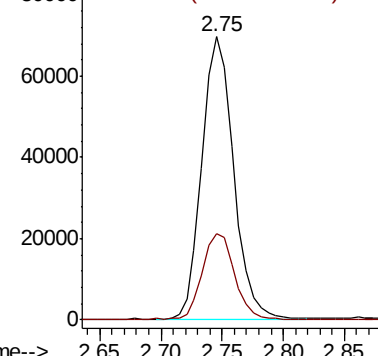
Ion Ratio Lower Upper

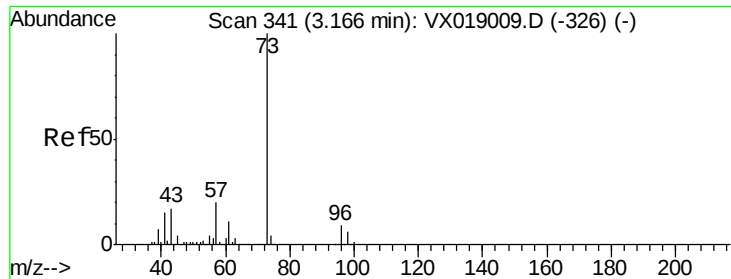
43 100

74 31.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

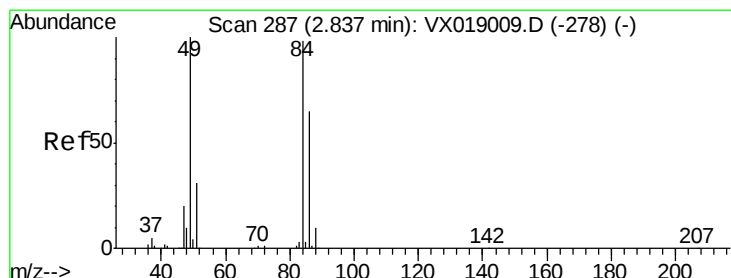
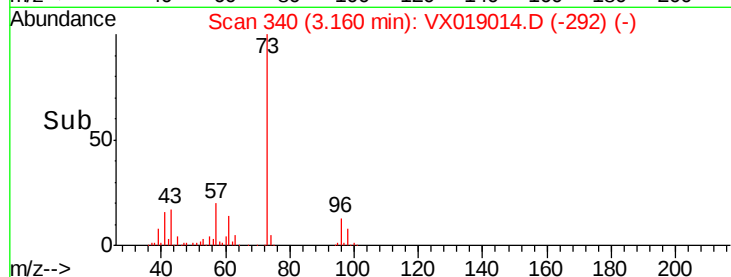
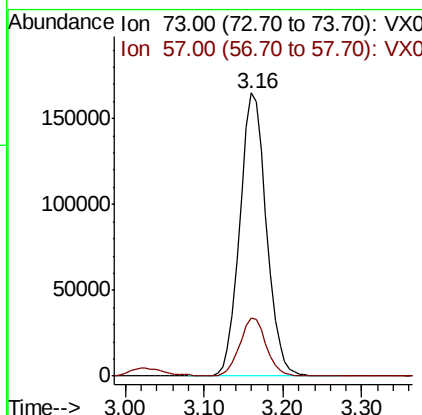
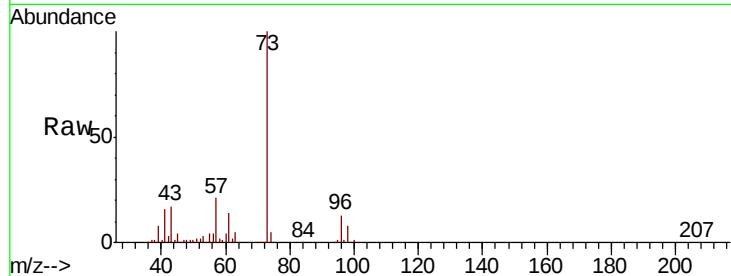




#19
Methvl tert-butvl Ether
Concen: 48.356 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

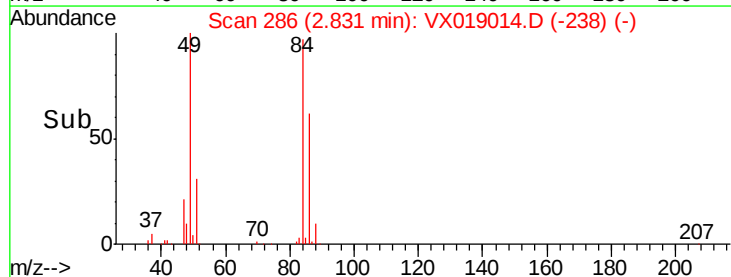
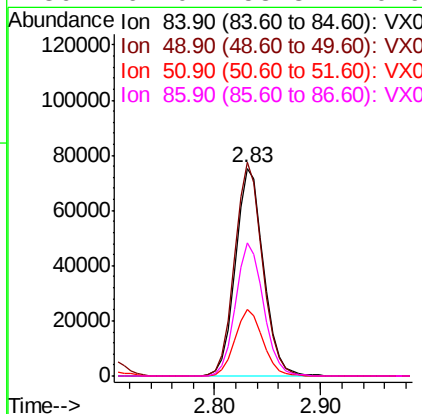
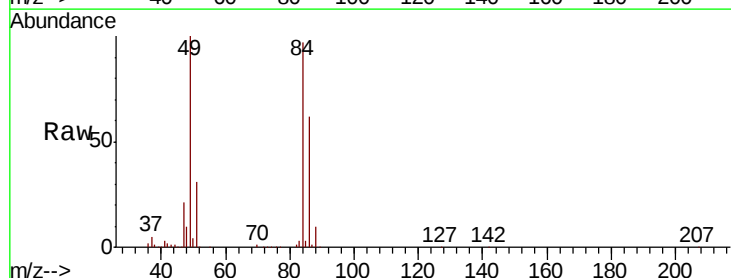
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

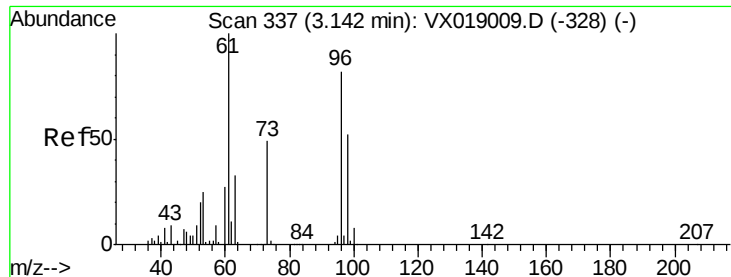
Tot Ion: 73 Resp: 386790
Ion Ratio Lower Upper
73 100
57 20.5 16.2 24.2



#20
Methylene Chloride
Concen: 47.232 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion: 84 Resp: 139184
Ion Ratio Lower Upper
84 100
49 102.8 81.6 122.4
51 32.0 25.6 38.4
86 64.0 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 47.739 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

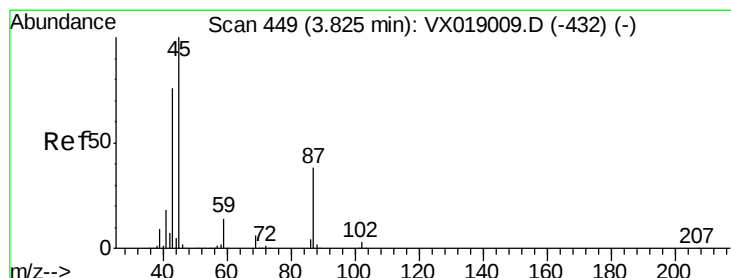
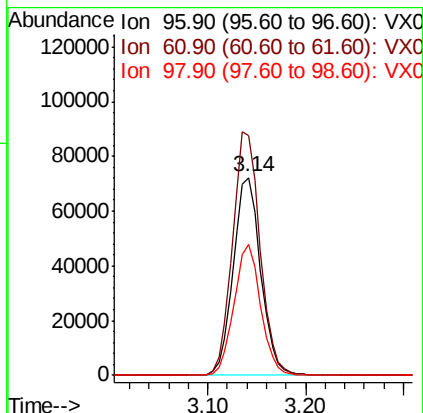
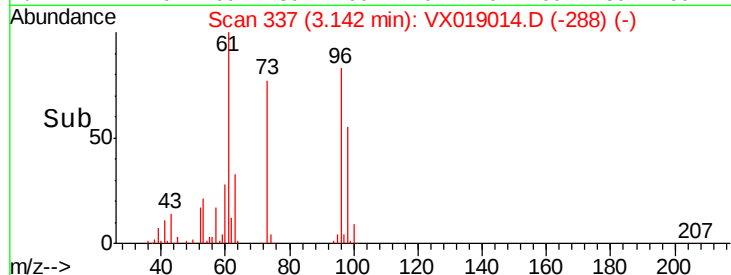
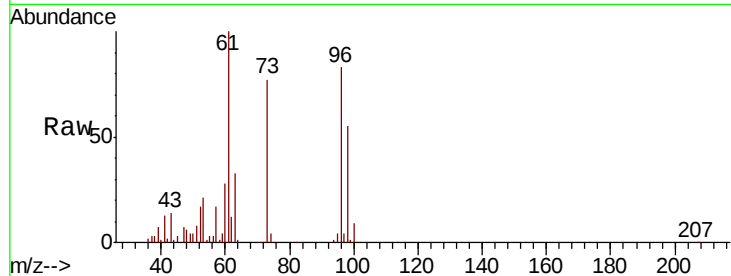
Tot Ion: 96 Resp: 140667

Ion Ratio Lower Upper

96 100

61 121.1 97.8 146.6

98 66.0 50.7 76.1



#22

Diisopropyl ether

Concen: 49.434 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Tgt Ion: 45 Resp: 318434

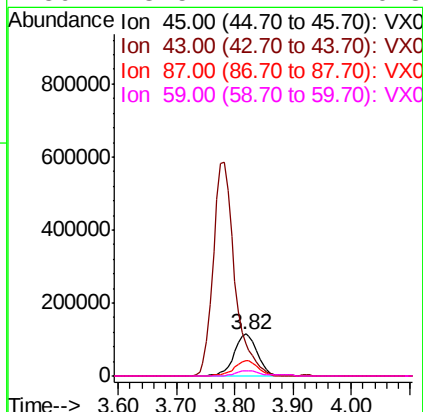
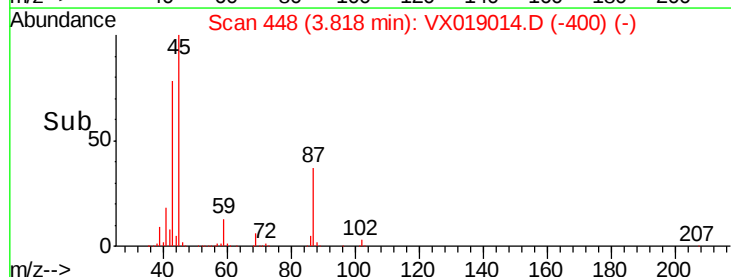
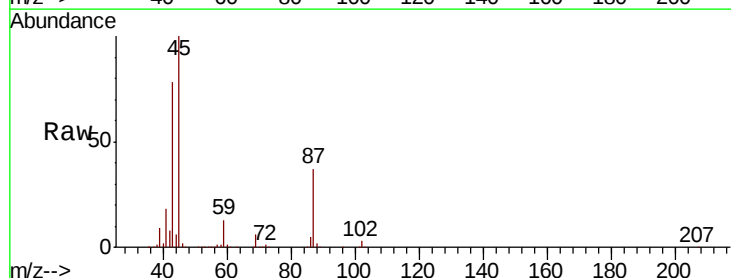
Ion Ratio Lower Upper

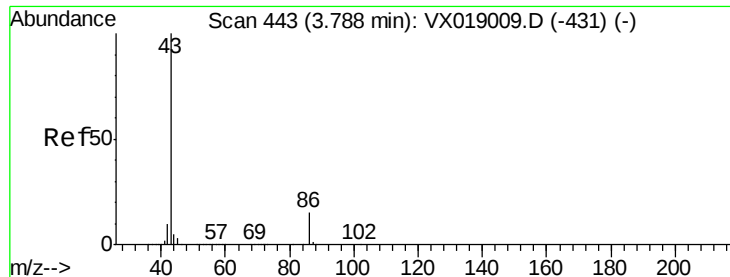
45 100

43 77.8 60.4 90.6

87 36.8 30.4 45.6

59 13.5 11.2 16.8





#23

Vinyl Acetate

Concen: 245.764 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

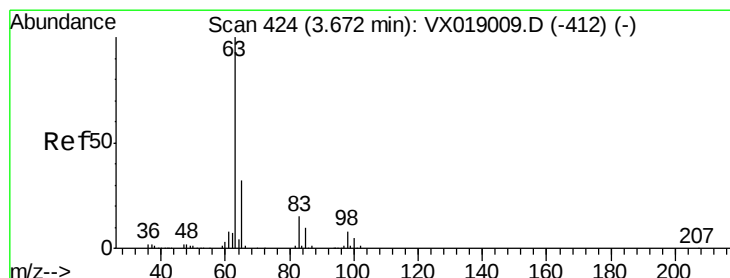
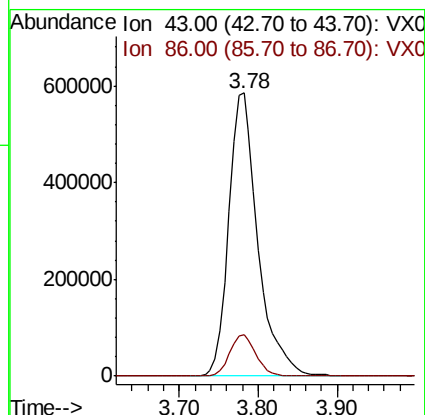
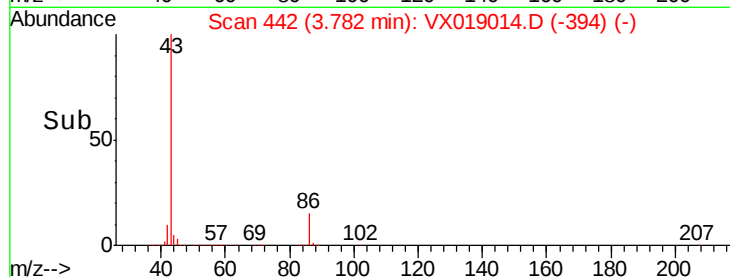
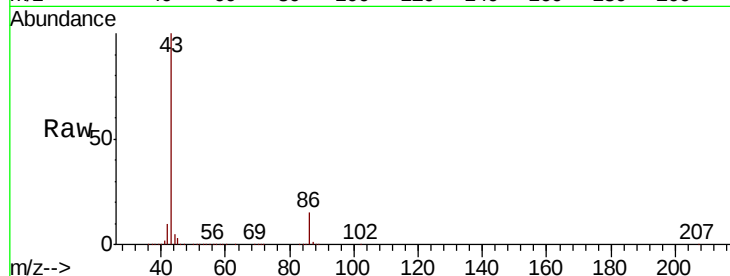
VSTDCCC050

Tot Ion: 43 Resp: 1503249

Ion Ratio Lower Upper

43 100

86 14.7 11.7 17.5



#24

1,1-Dichloroethane

Concen: 48.546 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

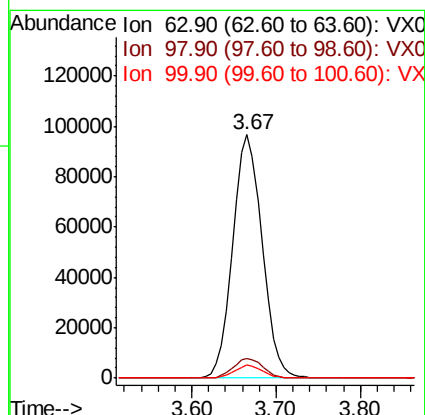
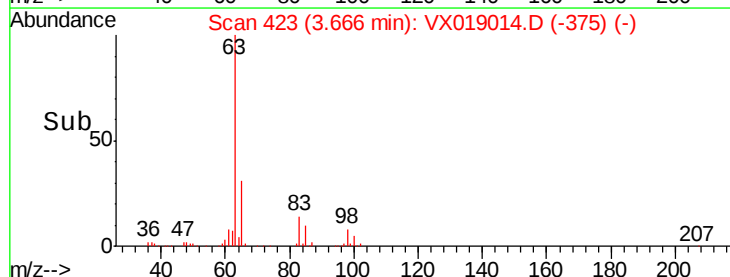
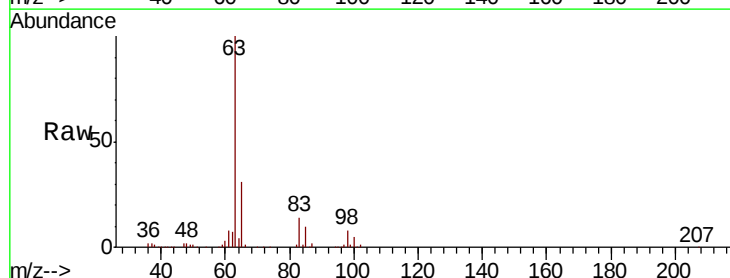
Tgt Ion: 63 Resp: 227738

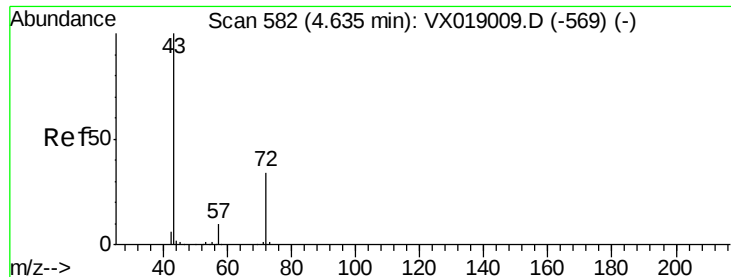
Ion Ratio Lower Upper

63 100

98 8.3 4.0 12.0

100 5.2 2.5 7.4

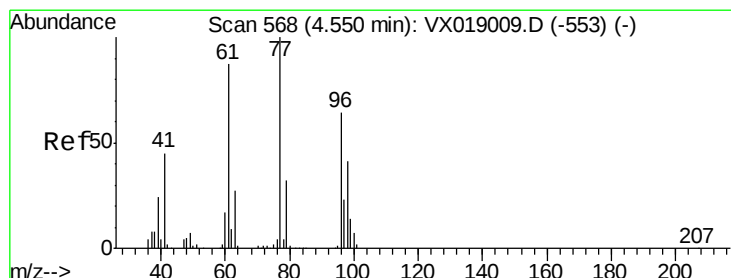
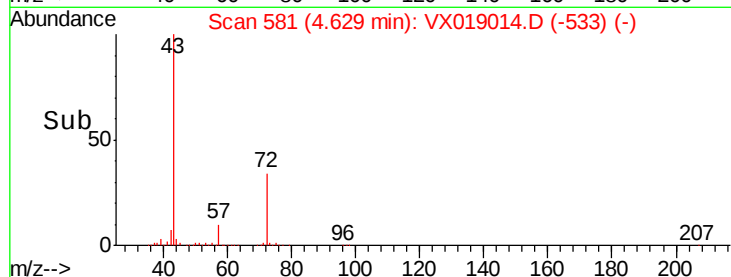
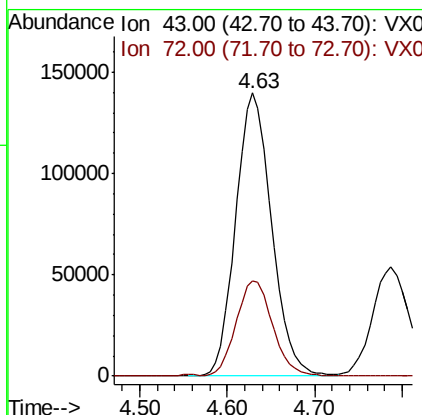
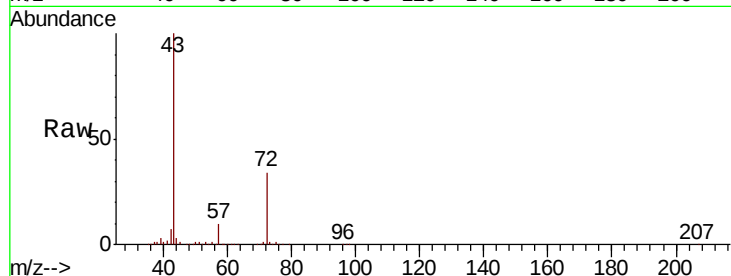




#25
2-Butanone
Concen: 237.325 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

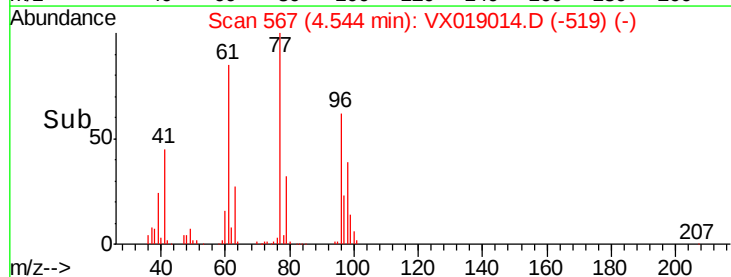
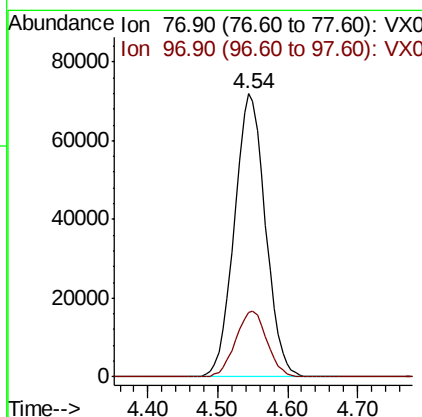
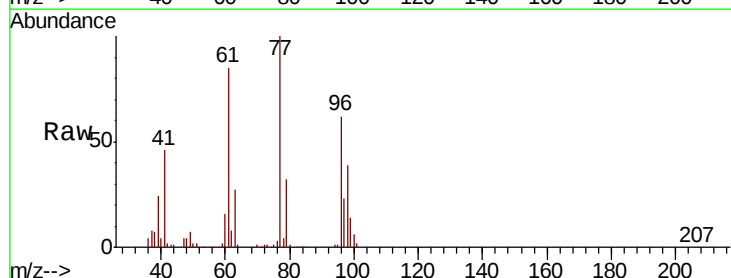
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

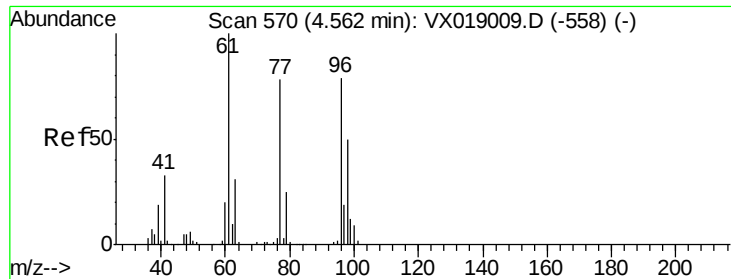
Tot Ion: 43 Resp: 396931
Ion Ratio Lower Upper
43 100
72 33.6 27.8 41.6



#26
2,2-Dichloropropane
Concen: 51.094 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion: 77 Resp: 221309
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.7



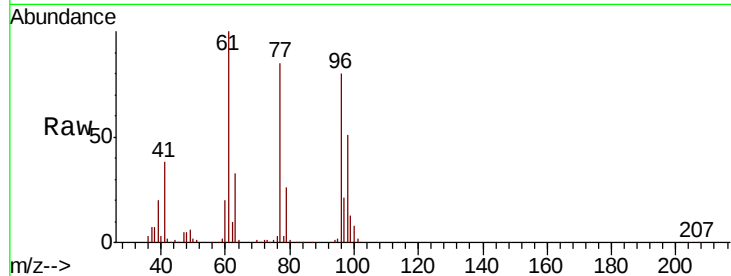


#27

cis-1,2-Dichloroethene
Concen: 48.484 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	260.0
98	64.8	0.0	131.4

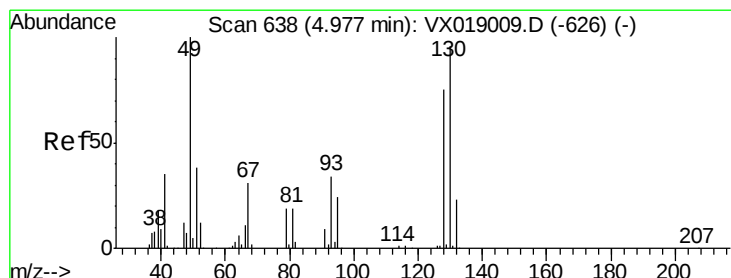
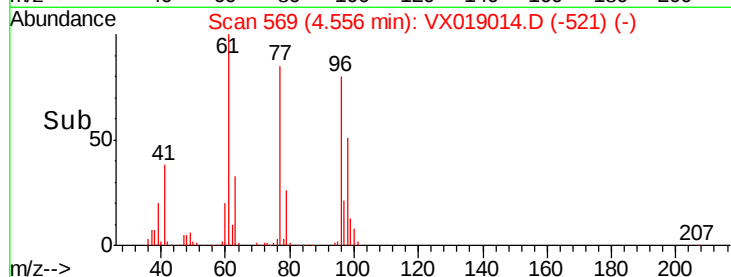
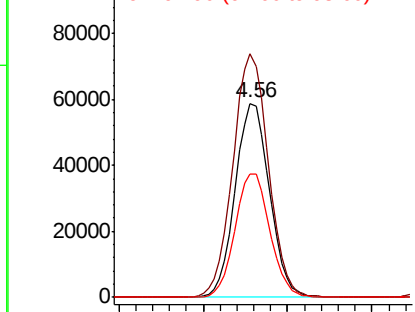


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

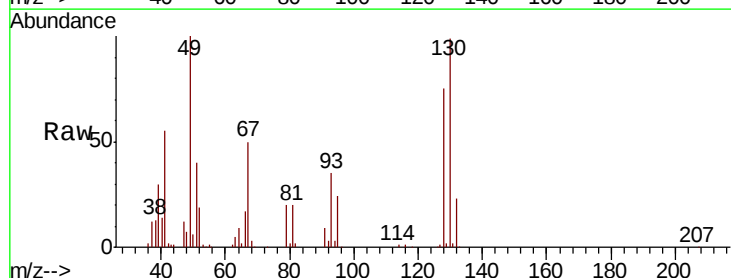
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 46.620 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	98.3	79.0	118.6

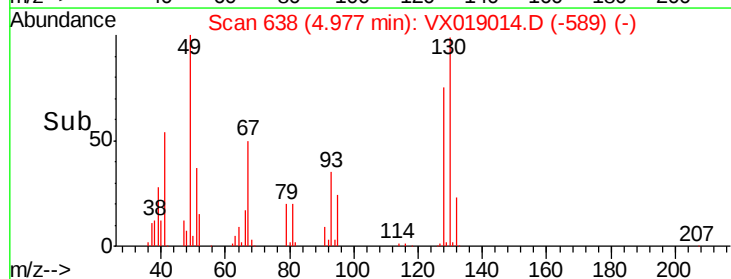
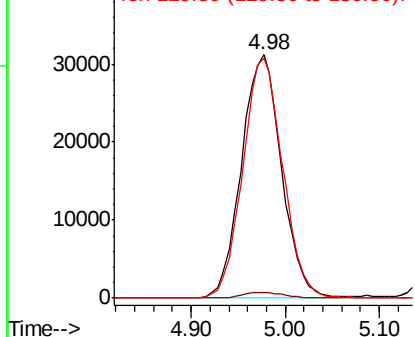


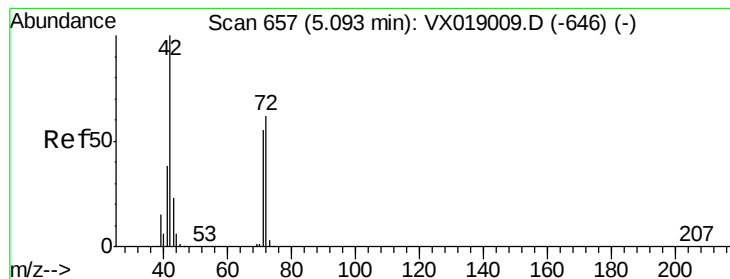
Abundance

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: 228.360 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

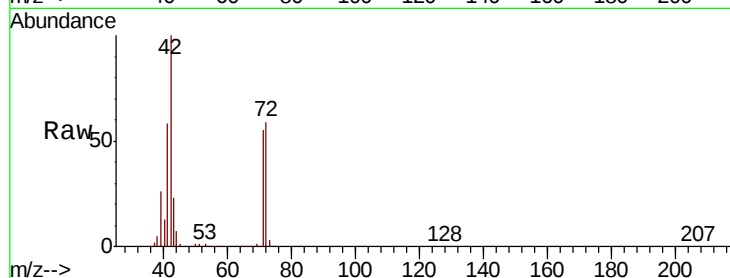
Tot Ion: 42 Resp: 228283

Ion Ratio Lower Upper

42 100

72 60.5 49.1 73.7

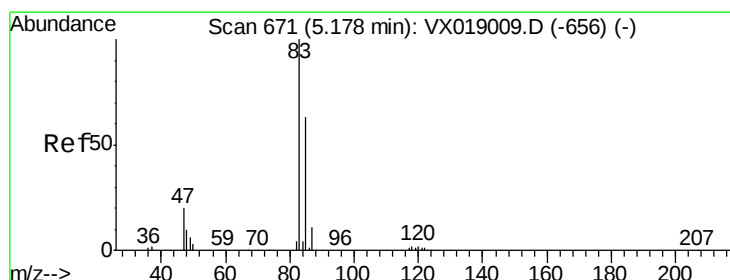
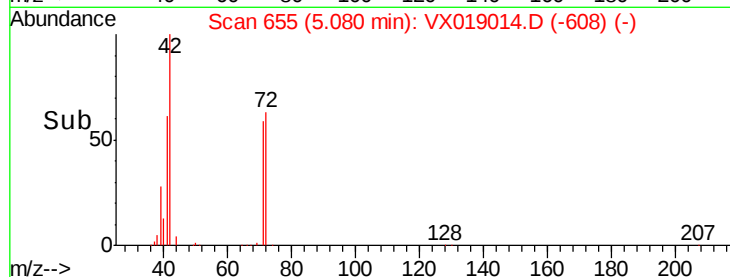
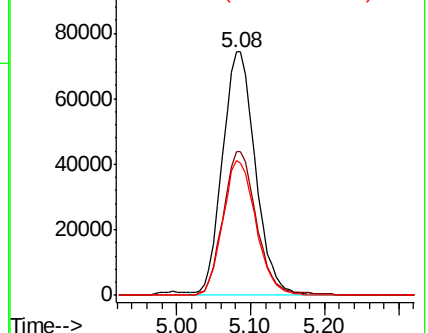
71 55.8 44.2 66.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.480 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019014.D

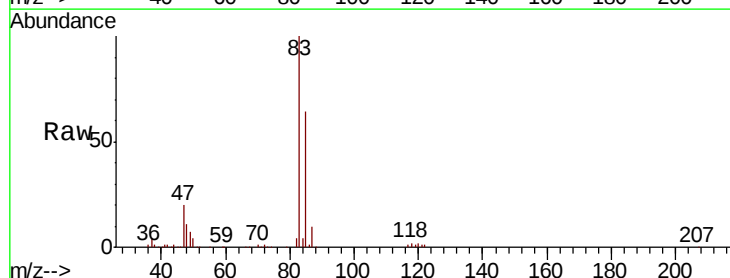
Acq: 22 Oct 2020 10:01

Tgt Ion: 83 Resp: 252006

Ion Ratio Lower Upper

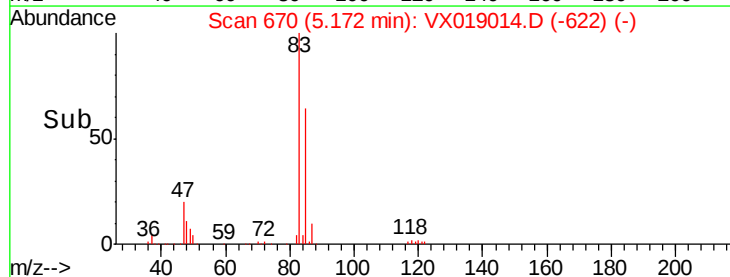
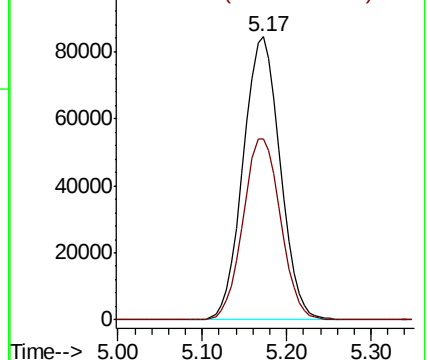
83 100

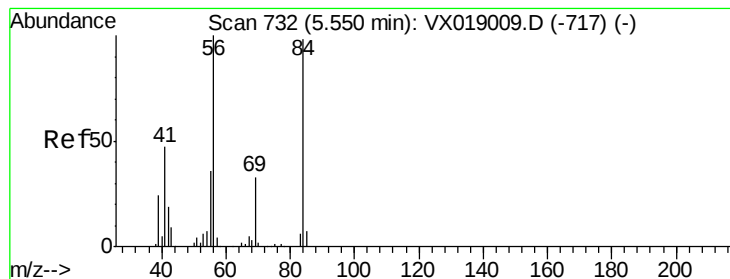
85 64.0 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.859 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

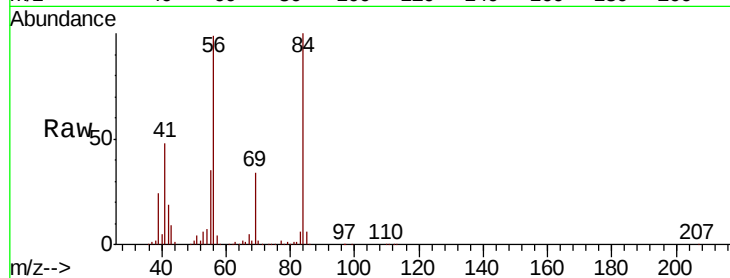
Tot Ion: 56 Resp: 181449

Ion Ratio Lower Upper

56 100

69 33.8 26.2 39.2

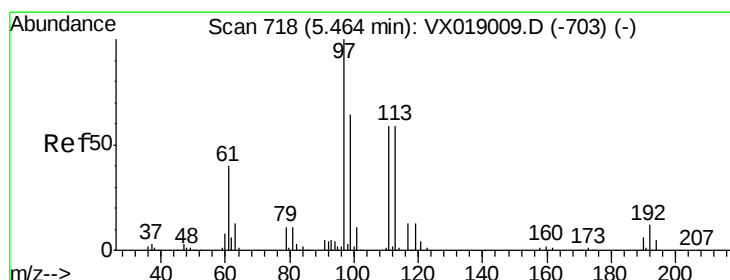
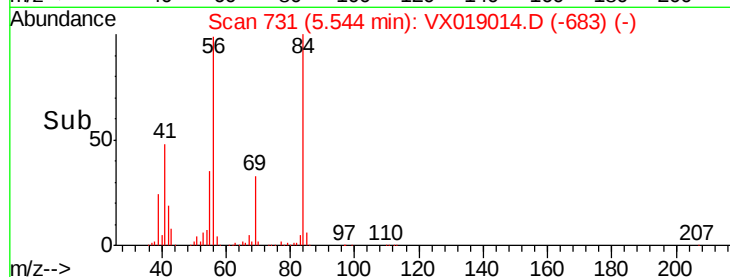
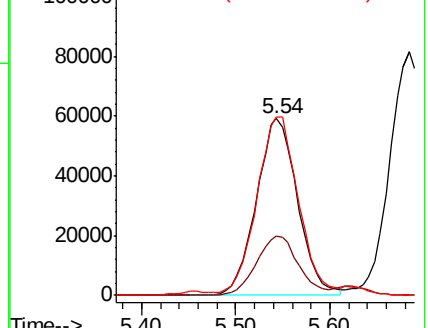
84 98.7 78.3 117.5



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: 49.386 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

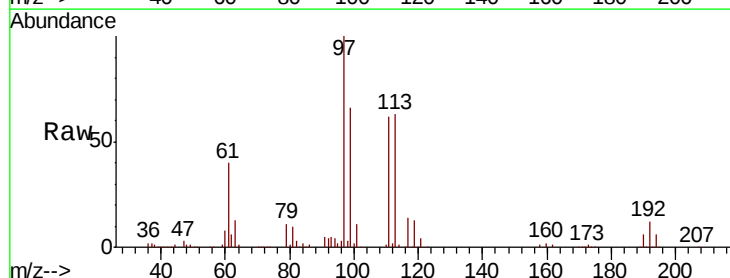
Tgt Ion: 97 Resp: 228126

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

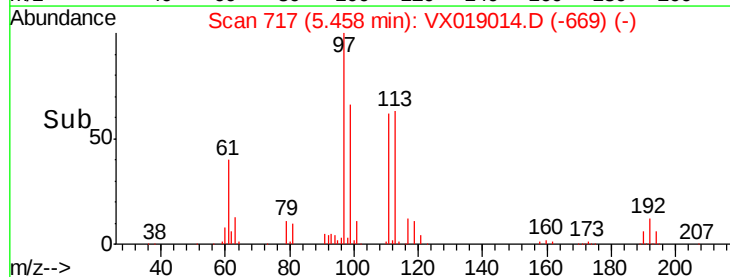
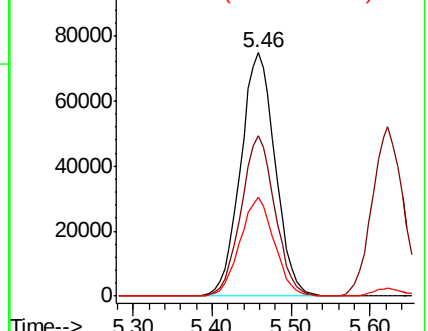
61 40.2 31.9 47.9

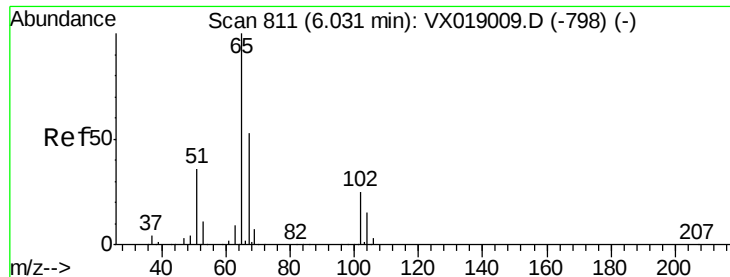


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.050 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

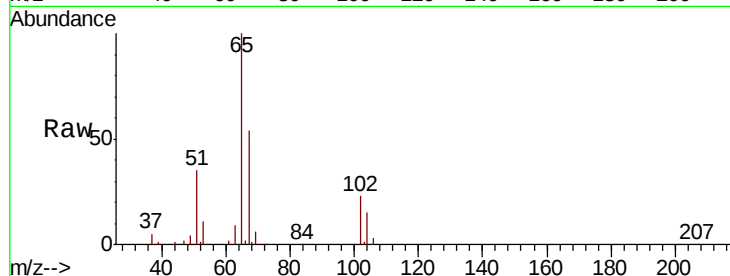
VSTDCCC050

Tot Ion: 65 Resp: 149322

Ion Ratio Lower Upper

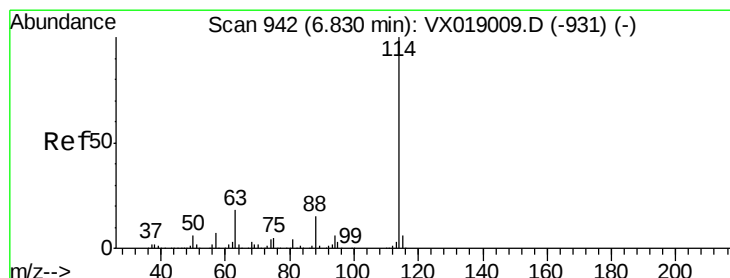
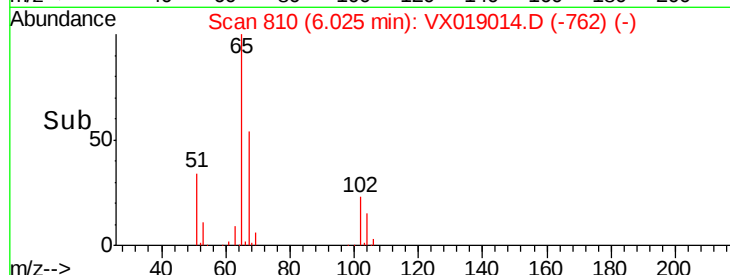
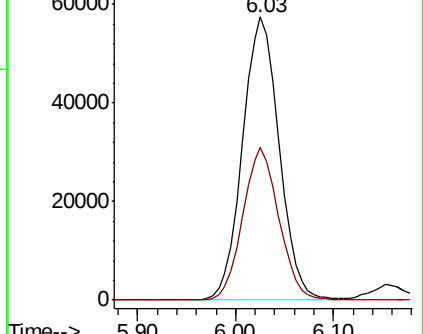
65 100

67 53.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

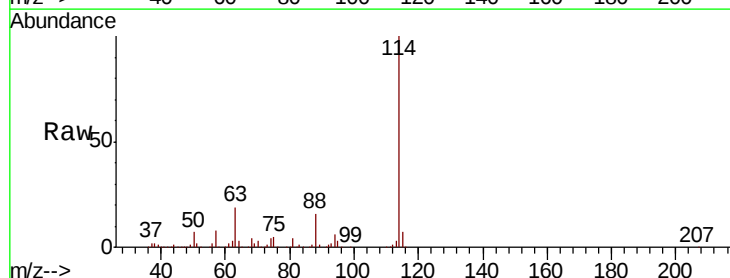
Tgt Ion: 114 Resp: 421650

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

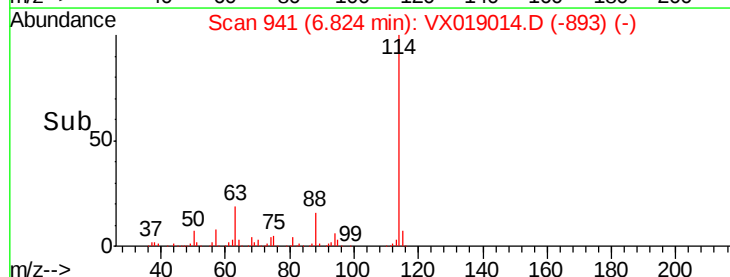
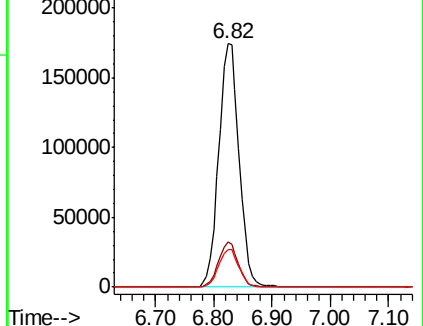
88 15.7 0.0 30.2

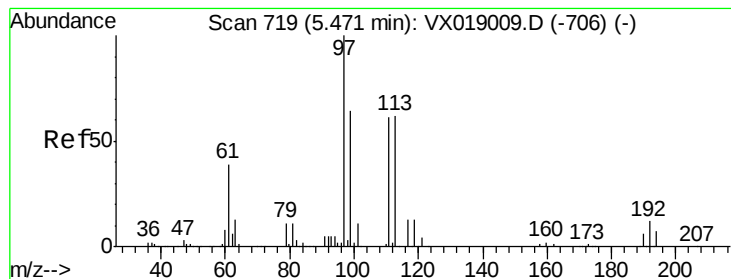


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.308 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

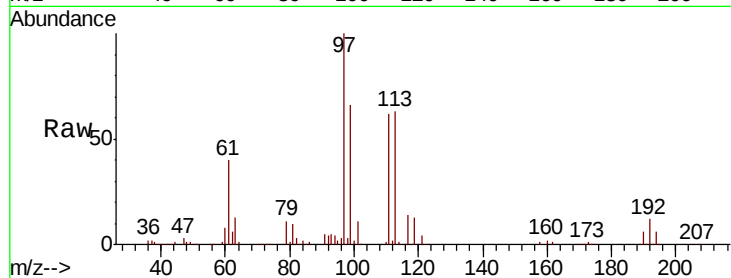
Tot Ion:113 Resp: 131632

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

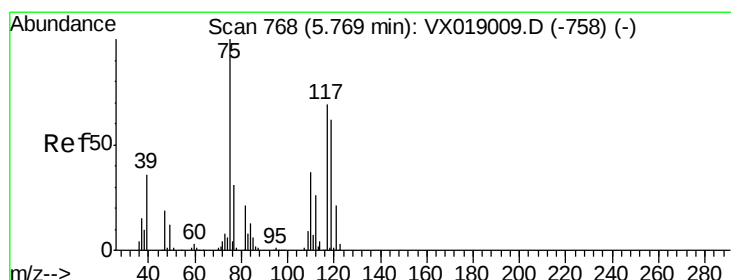
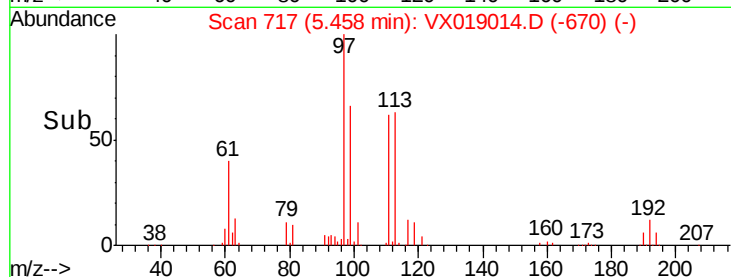
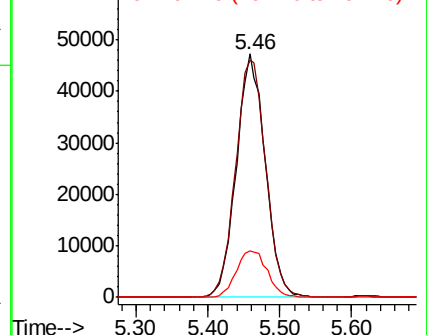
192 20.5 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.657 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

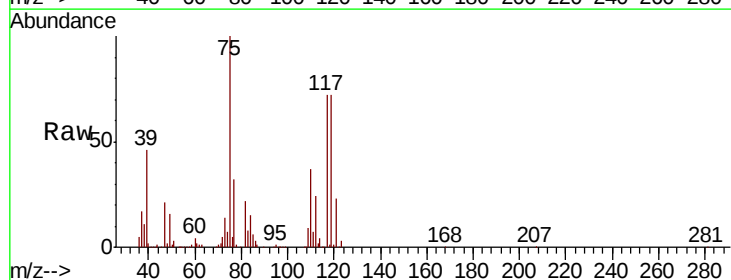
Tgt Ion: 75 Resp: 191659

Ion Ratio Lower Upper

75 100

110 37.5 19.4 58.2

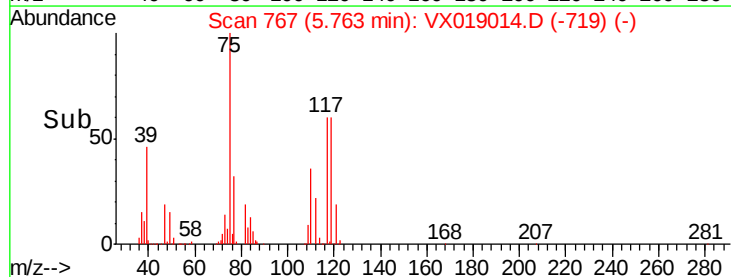
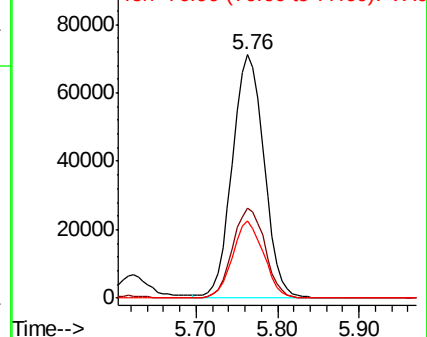
77 31.0 25.2 37.8

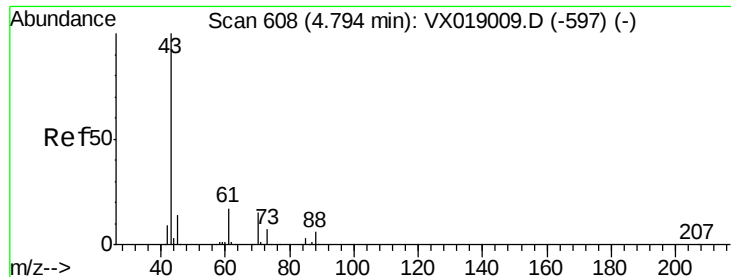


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

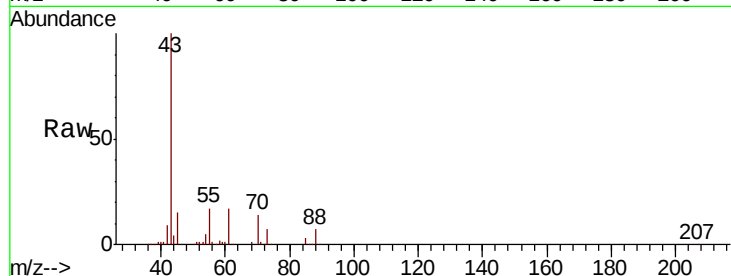




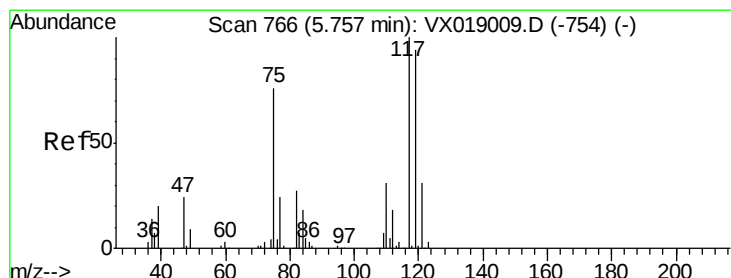
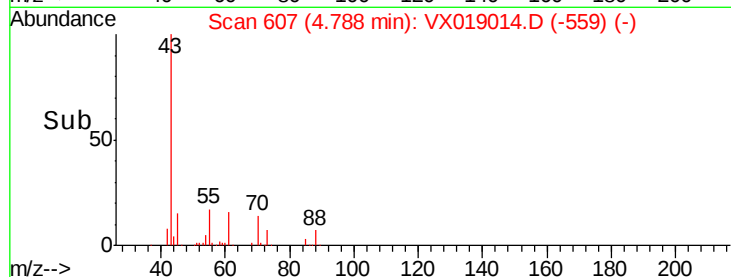
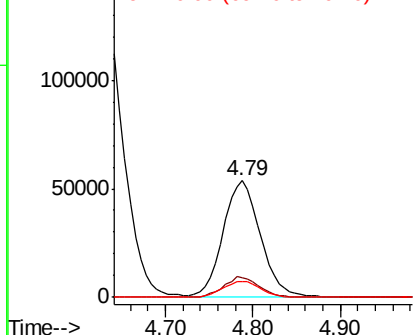
#37
Ethyl Acetate
Concen: 48.721 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 157330
Ion Ratio Lower Upper
43 100
61 17.0 13.8 20.8
70 14.1 11.4 17.2

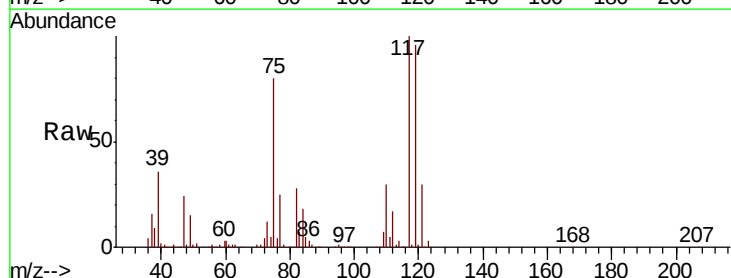


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

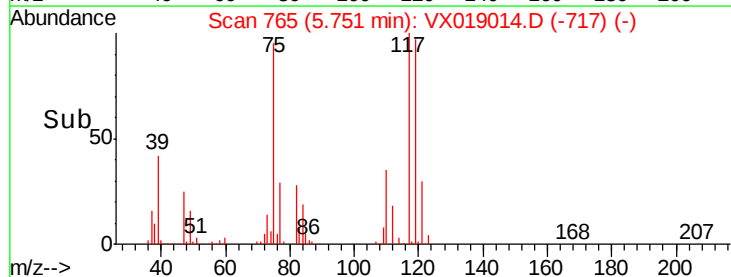
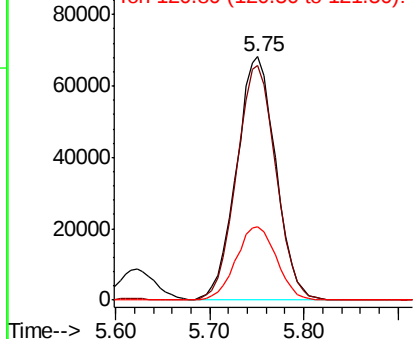


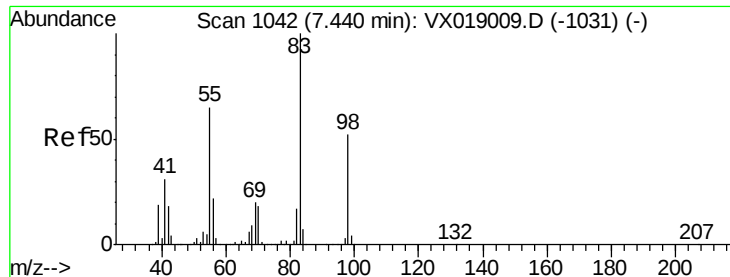
#38
Carbon Tetrachloride
Concen: 49.756 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion: 117 Resp: 197590
Ion Ratio Lower Upper
117 100
119 96.4 75.4 113.0
121 30.3 25.0 37.6



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

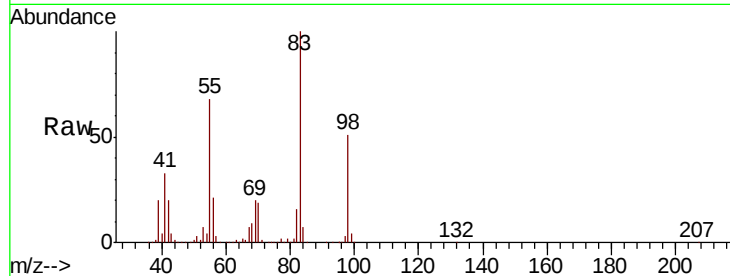




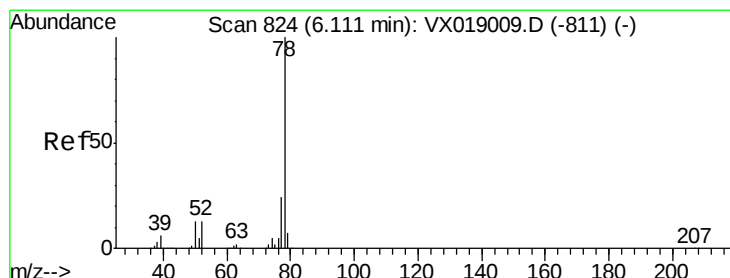
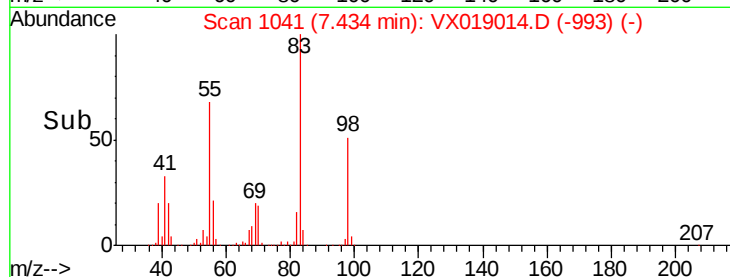
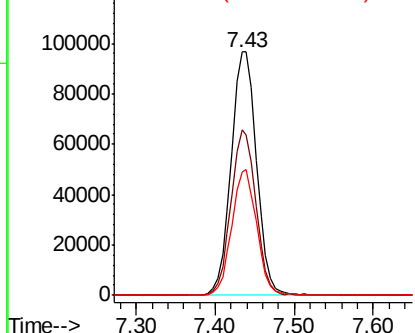
#39
Methvlcvclohexane
Concen: 51.259 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 217276
Ion Ratio Lower Upper
83 100
55 68.1 51.8 77.6
98 50.8 41.4 62.2

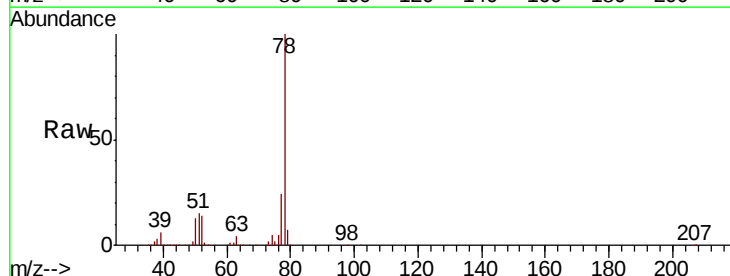


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

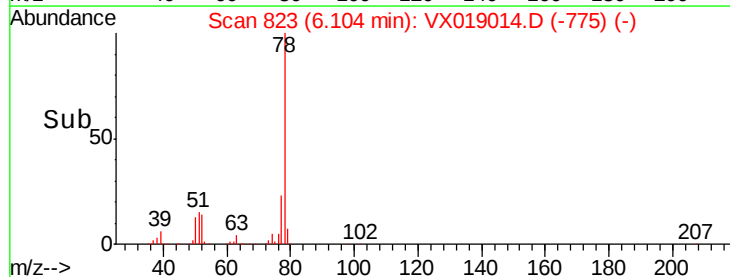
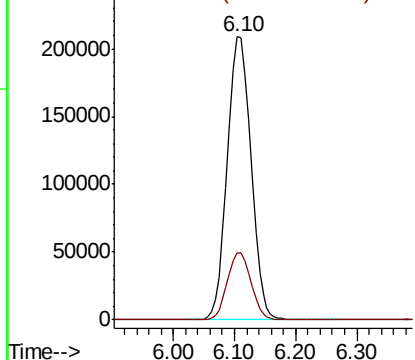


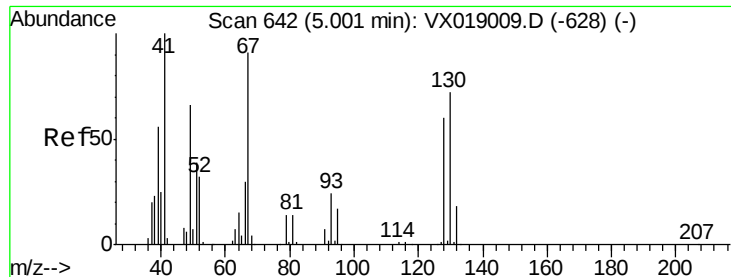
#40
Benzene
Concen: 50.197 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion: 78 Resp: 559330
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

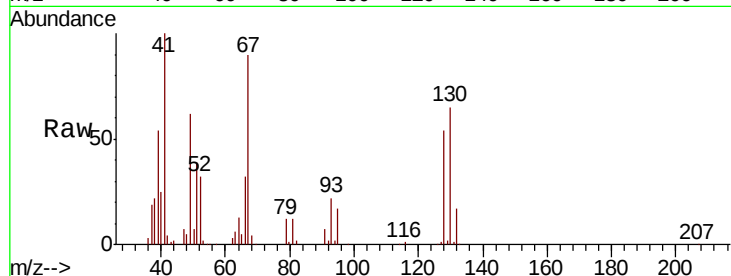




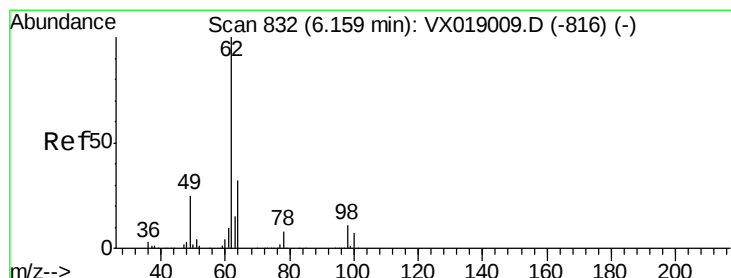
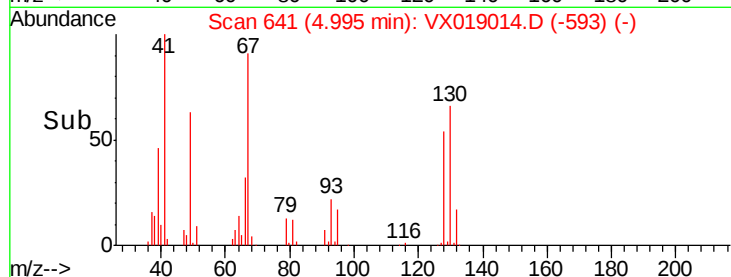
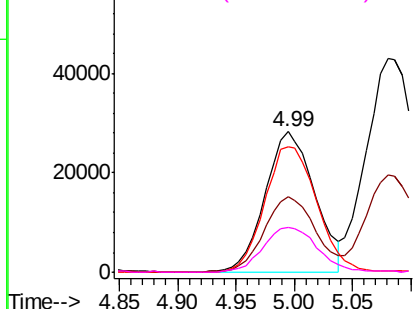
#41
Methacrylonitrile
Concen: 47.925 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	83133
Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.6	67.0
67	95.3	76.1	114.1
52	34.8	28.3	42.5

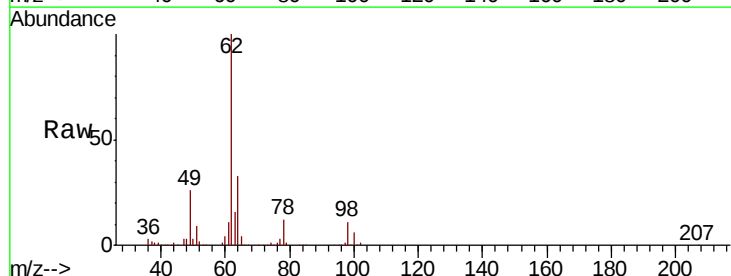


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

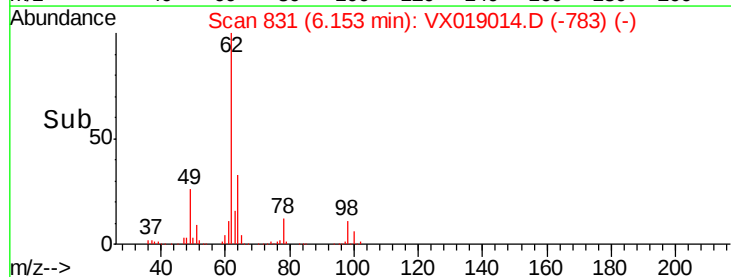
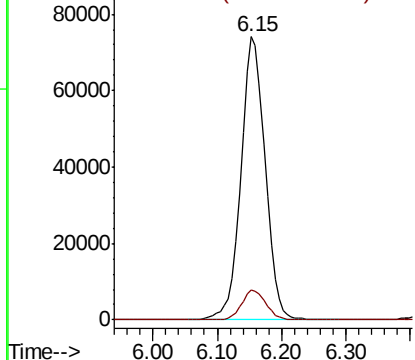


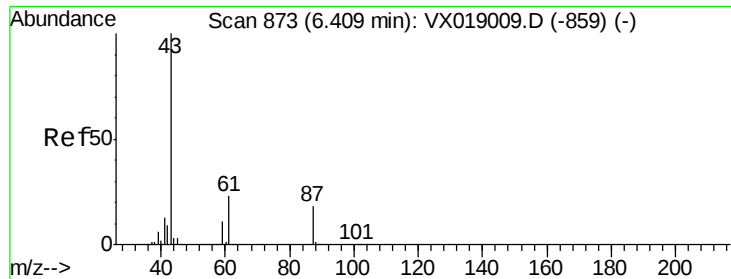
#42
1,2-Dichloroethane
Concen: 50.359 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion:	62	Resp:	191499
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 49.616 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

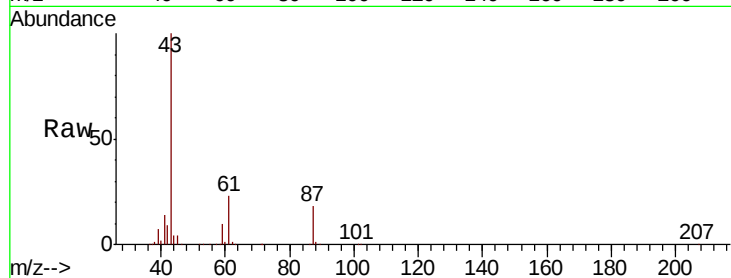
Tot Ion: 43 Resp: 271352

Ion Ratio Lower Upper

43 100

61 23.7 18.7 28.1

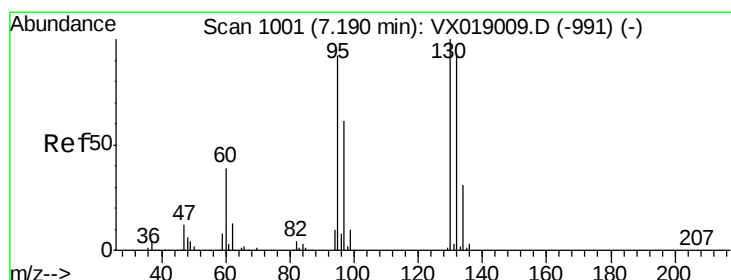
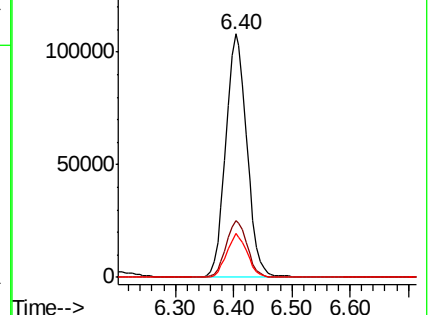
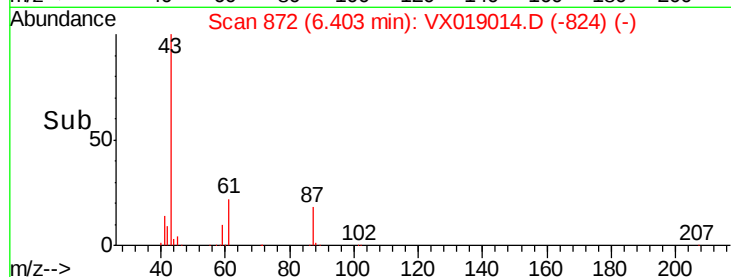
87 17.6 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.425 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX019014.D

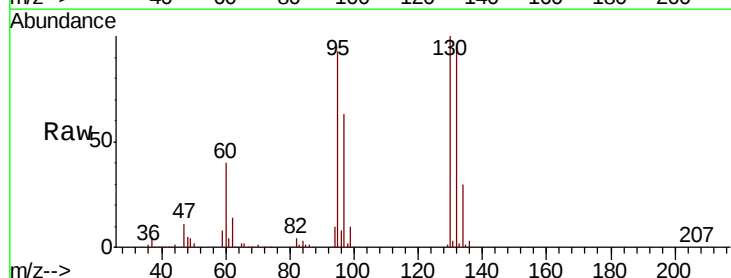
Acq: 22 Oct 2020 10:01

Tgt Ion: 130 Resp: 160608

Ion Ratio Lower Upper

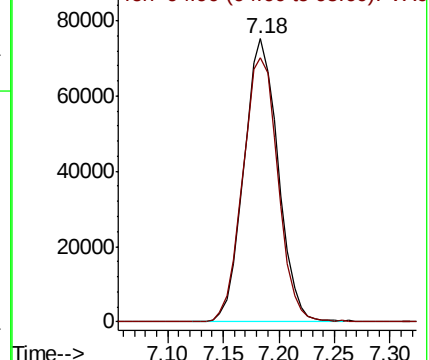
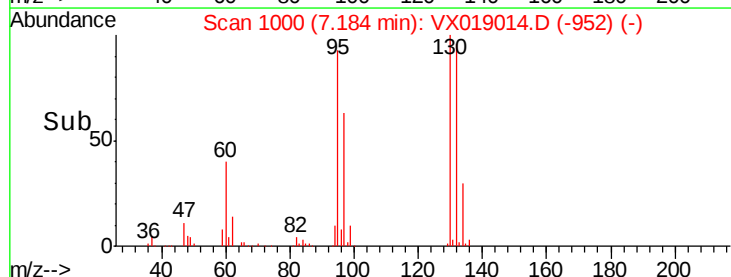
130 100

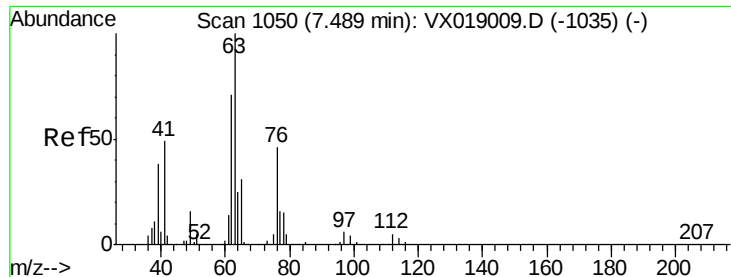
95 93.1 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.440 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

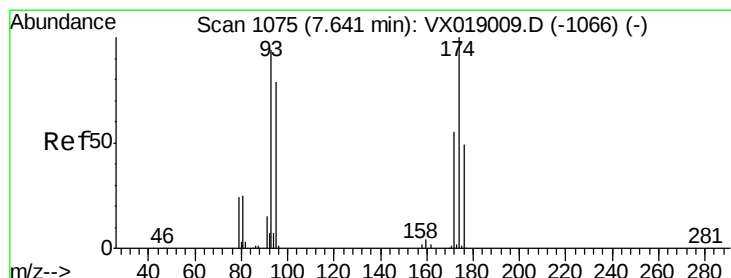
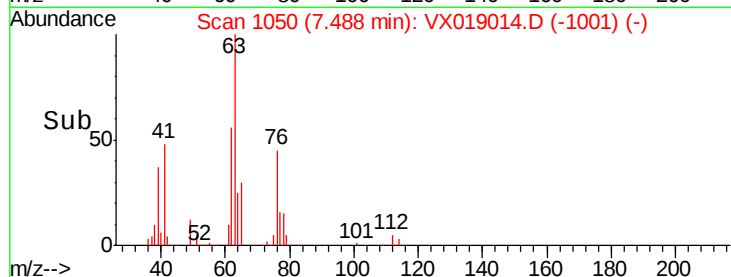
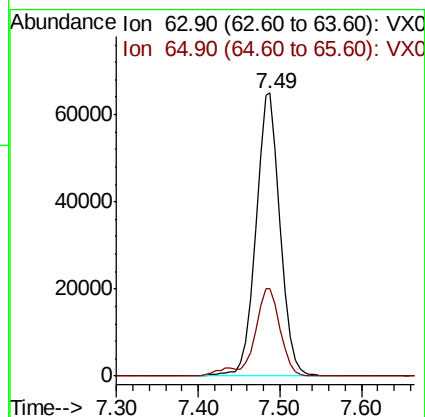
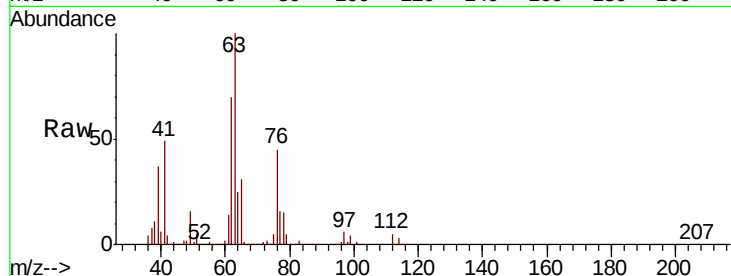
VSTDCCC050

Tot Ion: 63 Resp: 134817

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



#46

Dibromomethane

Concen: 48.520 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

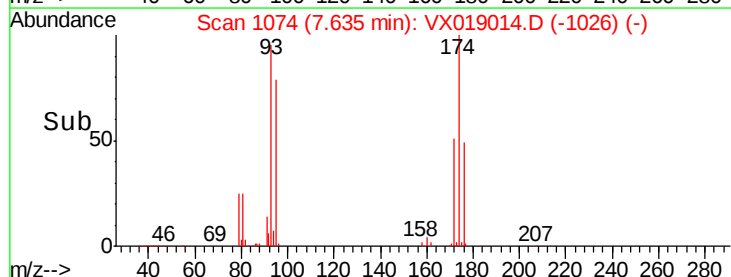
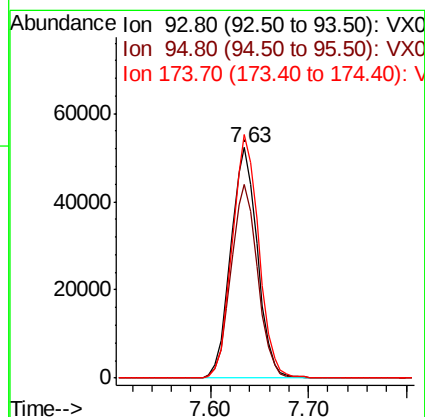
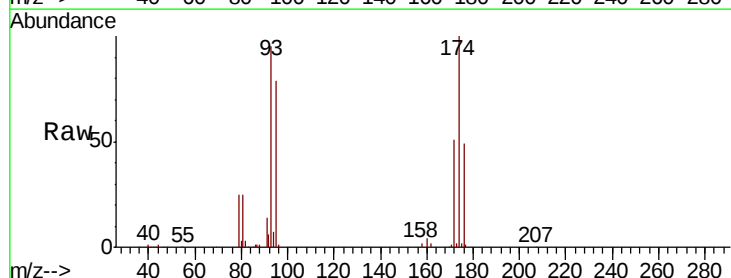
Tgt Ion: 93 Resp: 98773

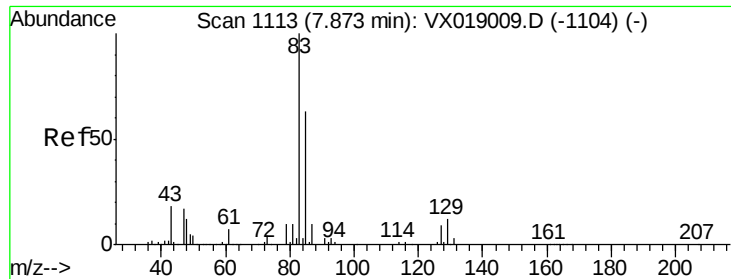
Ion Ratio Lower Upper

93 100

95 84.5 66.8 100.2

174 105.7 83.8 125.8

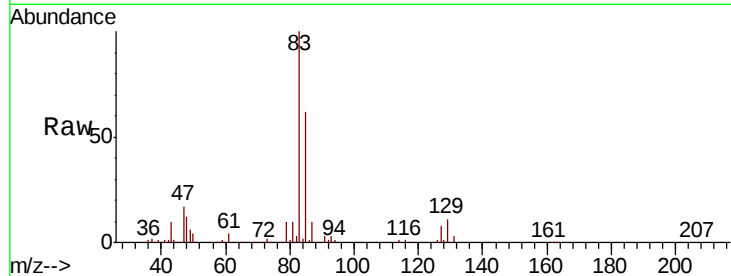




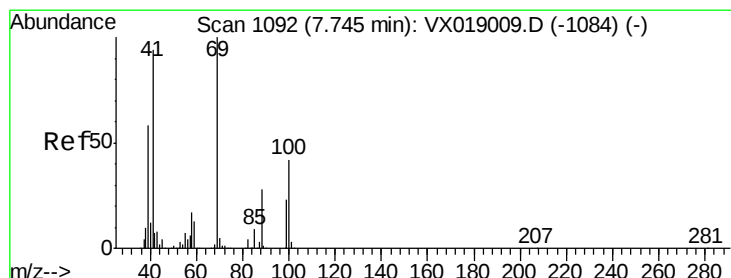
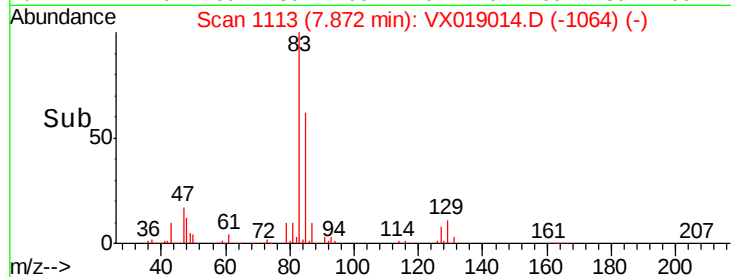
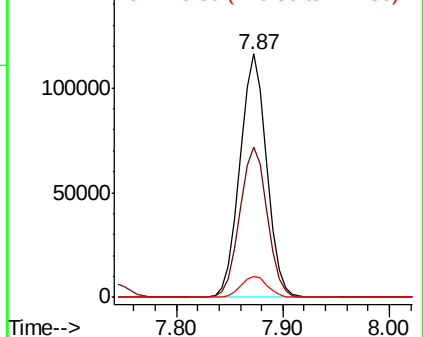
#47
 Bromodichloromethane
 Concen: 51.397 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VX019014.D
 Acq: 22 Oct 2020 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	205150
Ion Ratio	Lower	Upper	
83	100		
85	61.7	50.7	76.1
127	8.3	6.8	10.2

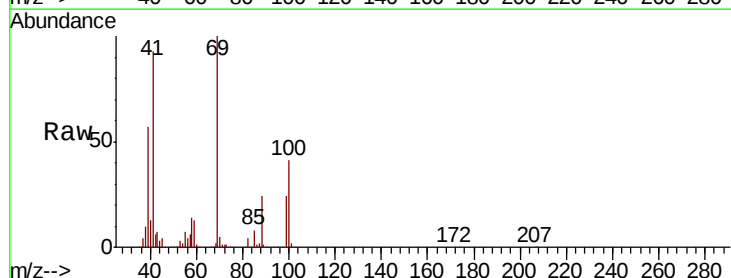


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

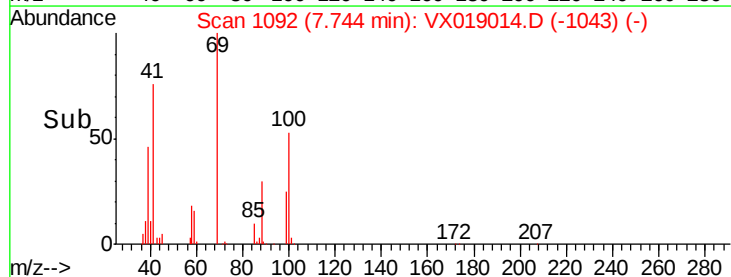
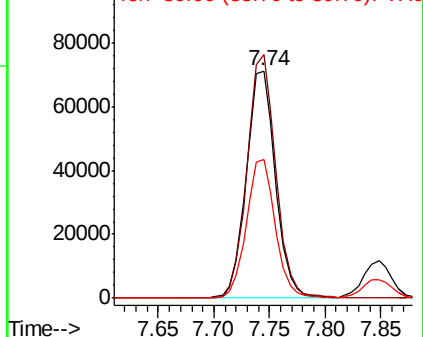


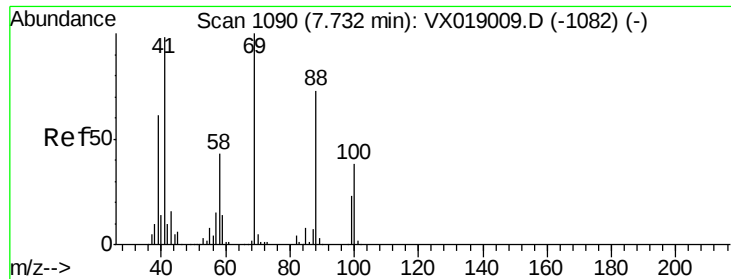
#48
 Methyl methacrylate
 Concen: 48.015 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX019014.D
 Acq: 22 Oct 2020 10:01

Tgt Ion	41	Resp	129388
Ion Ratio	Lower	Upper	
41	100		
69	105.6	85.5	128.3
39	60.3	49.3	73.9



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

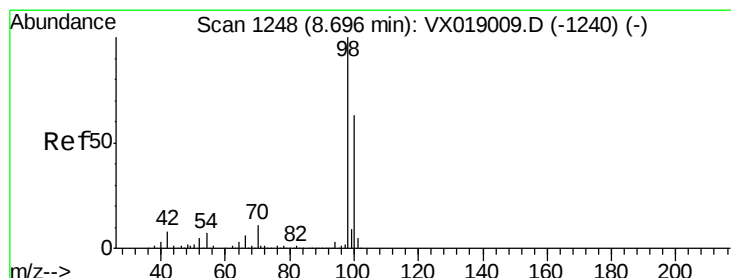
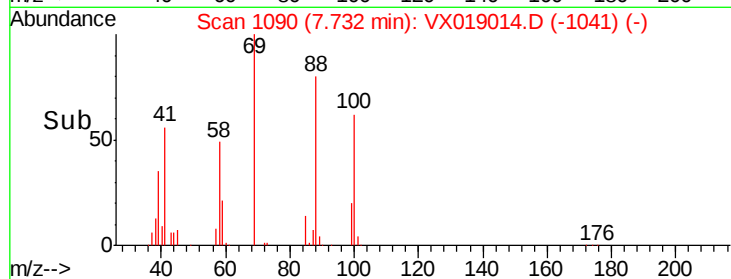
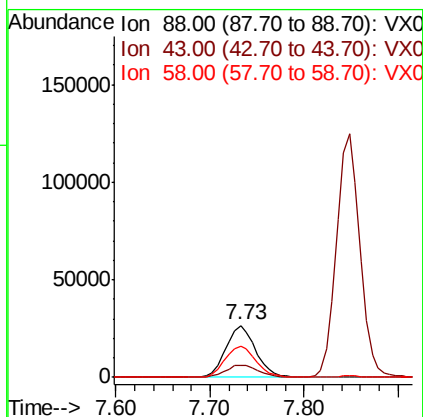
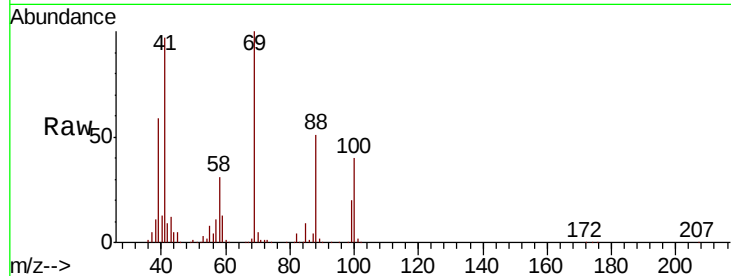




#49
 1,4-Dioxane
 Concen: 969.070 ug/l
 RT: 7.73 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VX019014.D
 Acq: 22 Oct 2020 10:01

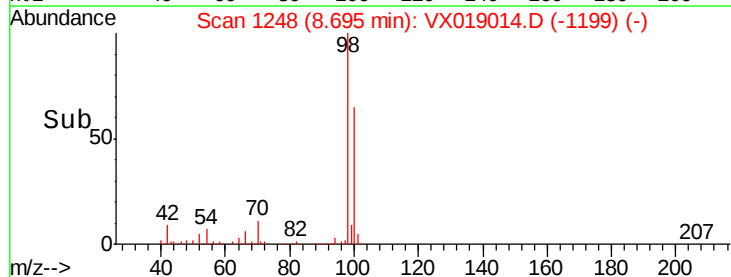
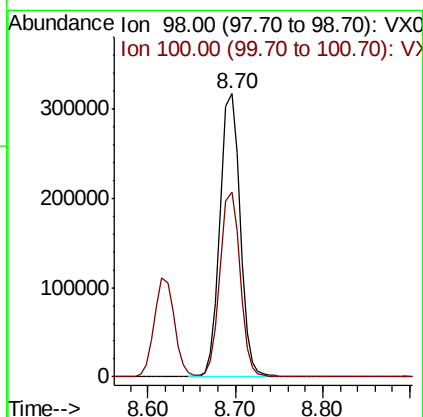
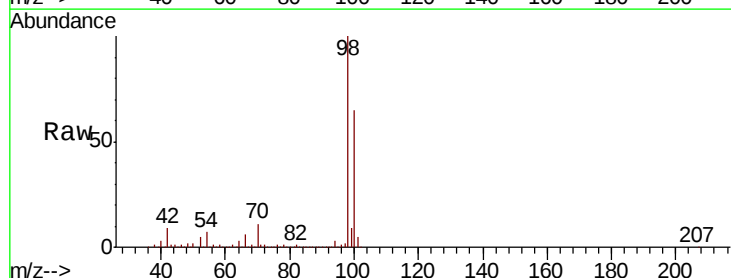
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

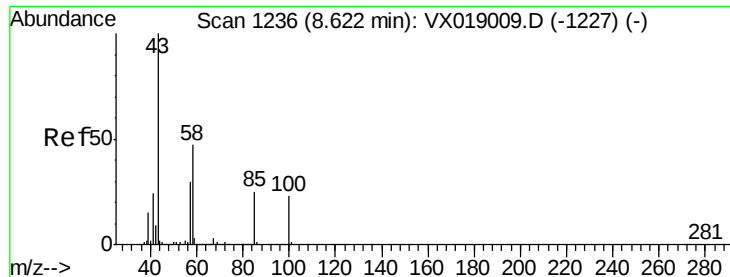
Tot Ion: 88 Resp: 59003
 Ion Ratio Lower Upper
 88 100
 43 25.5 20.3 30.5
 58 61.6 48.4 72.6



#50
 Toluene-d8
 Concen: 49.620 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019014.D
 Acq: 22 Oct 2020 10:01

Tgt Ion: 98 Resp: 505488
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.1 78.1

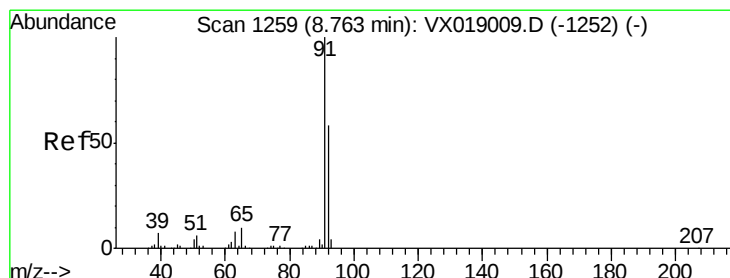
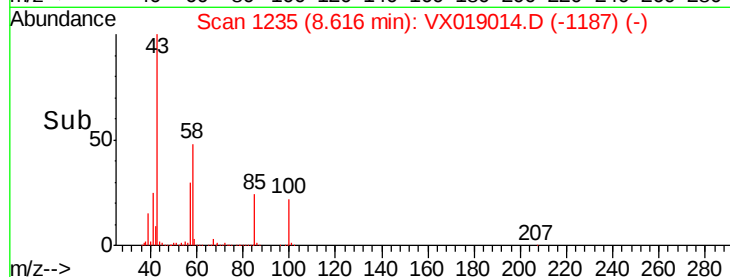
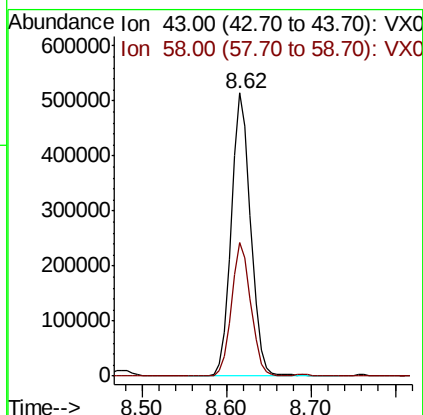
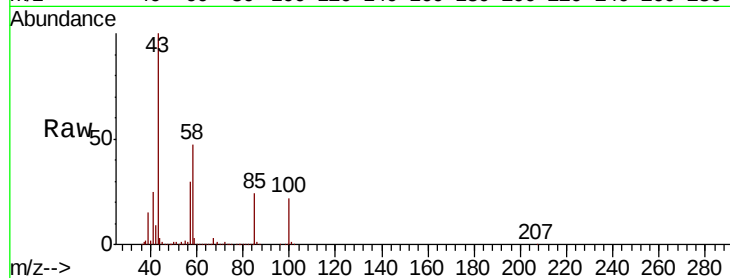




#51
4-Methyl-2-Pentanone
Concen: 249.727 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

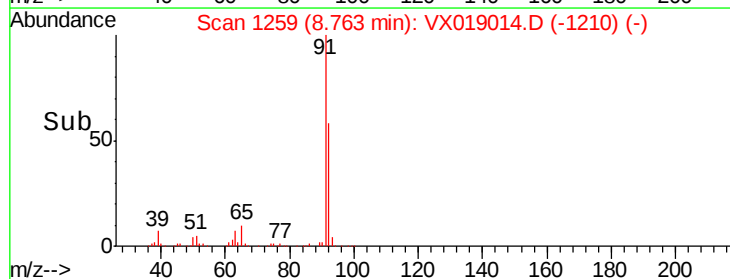
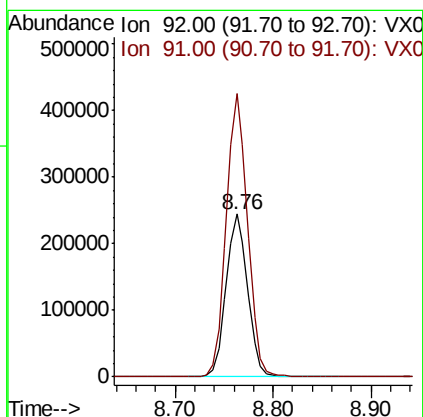
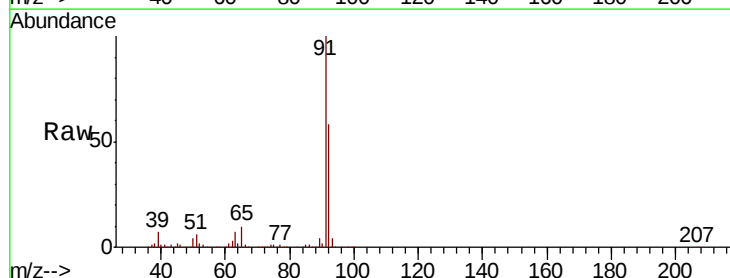
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

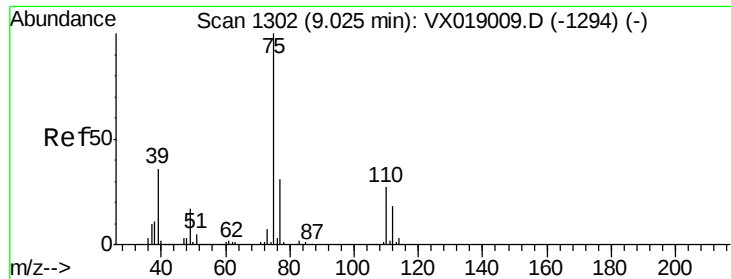
Tot Ion: 43 Resp: 804788
Ion Ratio Lower Upper
43 100
58 46.8 37.4 56.0



#52
Toluene
Concen: 50.661 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion: 92 Resp: 372848
Ion Ratio Lower Upper
92 100
91 172.4 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 51.243 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

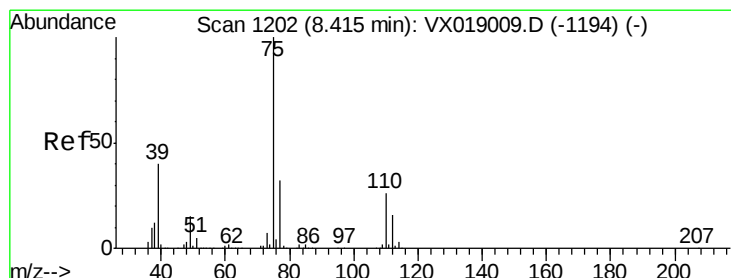
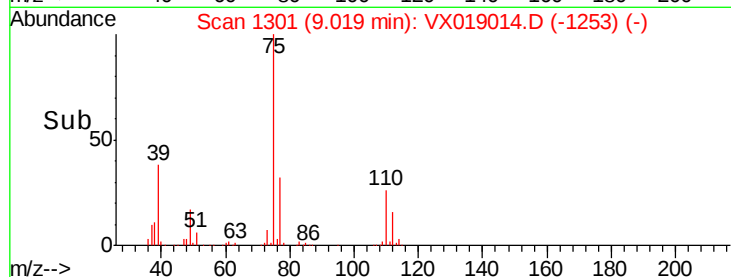
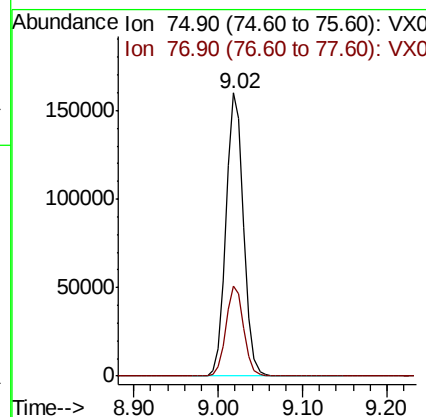
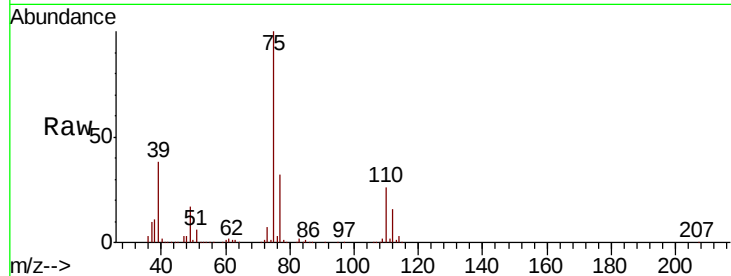
VSTDCCC050

Tot Ion: 75 Resp: 230971

Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 51.381 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

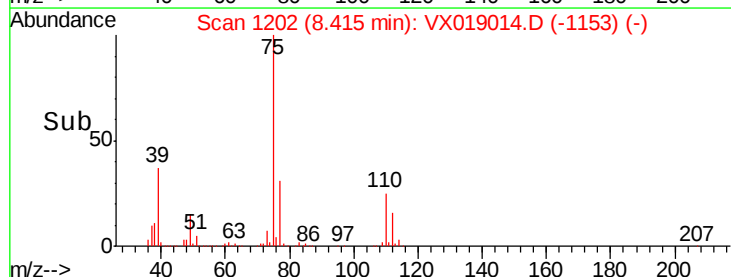
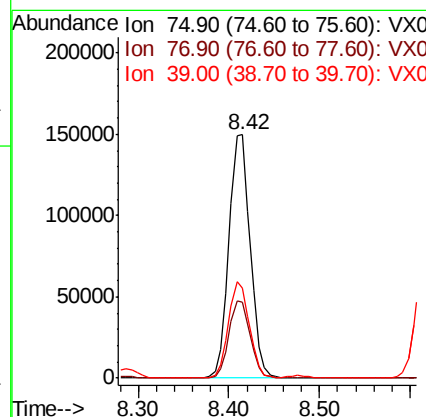
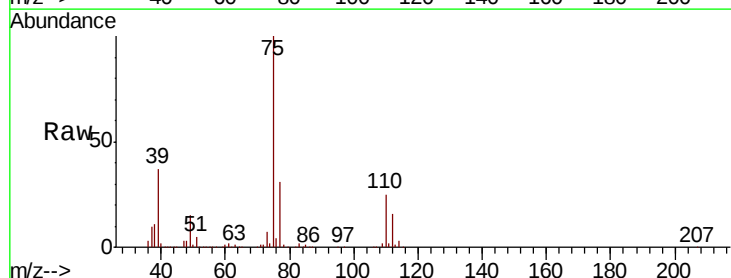
Tgt Ion: 75 Resp: 244563

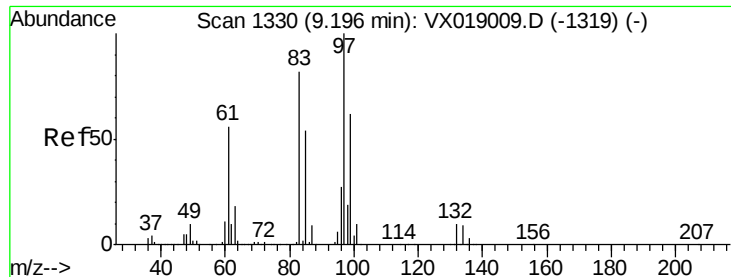
Ion Ratio Lower Upper

75 100

77 31.1 25.9 38.9

39 37.1 31.7 47.5

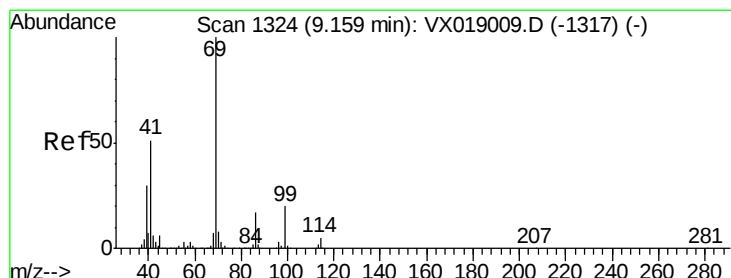
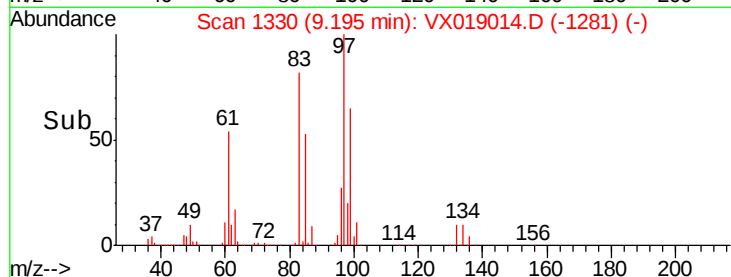
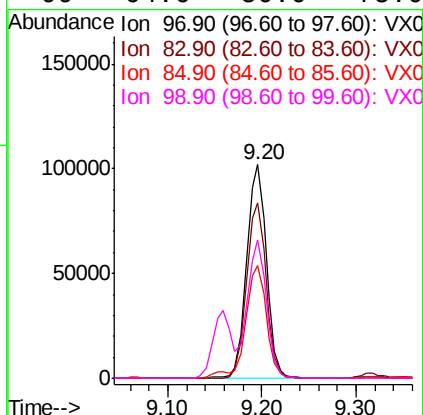
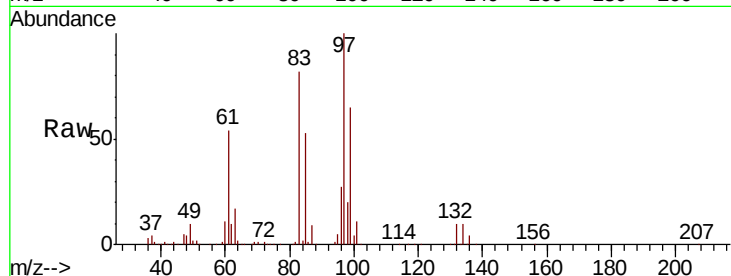




#55
 1,1,2-Trichloroethane
 Concen: 49.936 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019014.D
 Acq: 22 Oct 2020 10:01

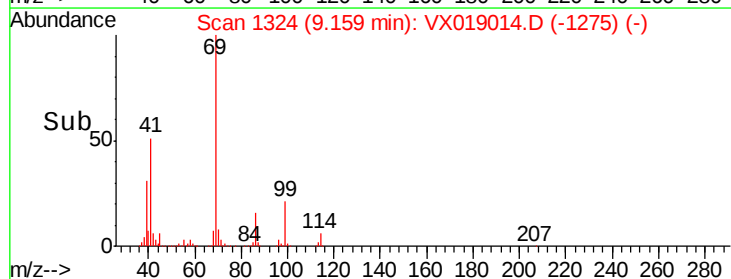
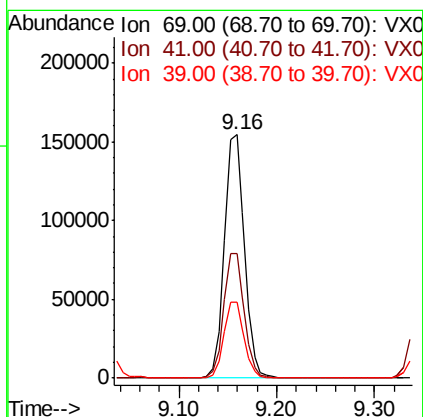
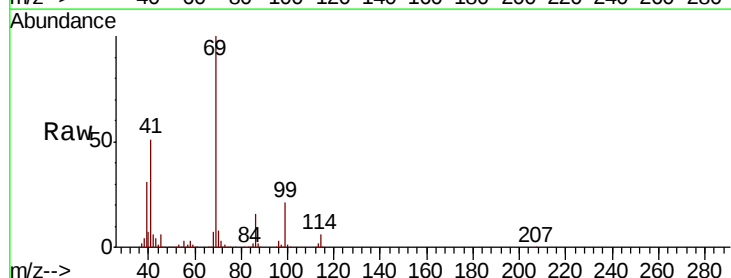
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

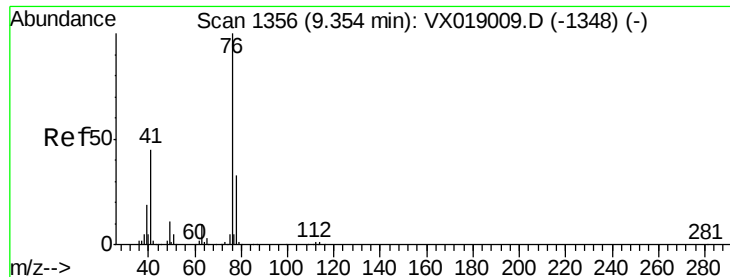
Tot Ion:	97	Resp:	149819
Ion	Ratio	Lower	Upper
97	100		
83	81.9	65.4	98.2
85	52.7	43.3	64.9
99	64.6	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 50.933 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019014.D
 Acq: 22 Oct 2020 10:01

Tgt Ion:	69	Resp:	219848
Ion	Ratio	Lower	Upper
69	100		
41	51.9	41.1	61.7
39	31.4	24.6	37.0





#57

1,3-Dichloropropane

Concen: 50.476 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

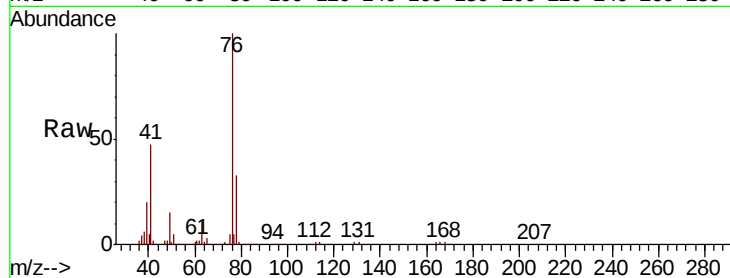
VSTDCCC050

Tot Ion: 76 Resp: 240373

Ion Ratio Lower Upper

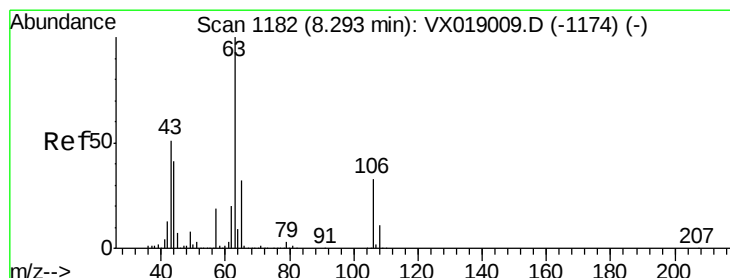
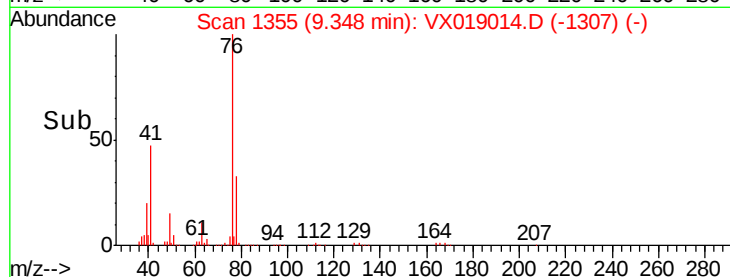
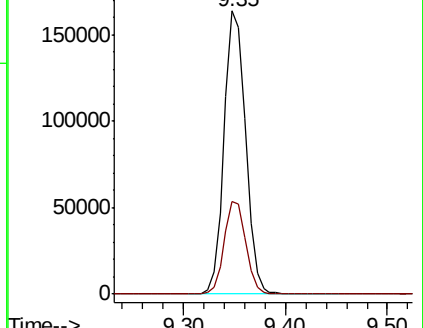
76 100

78 32.8 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 236.995 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019014.D

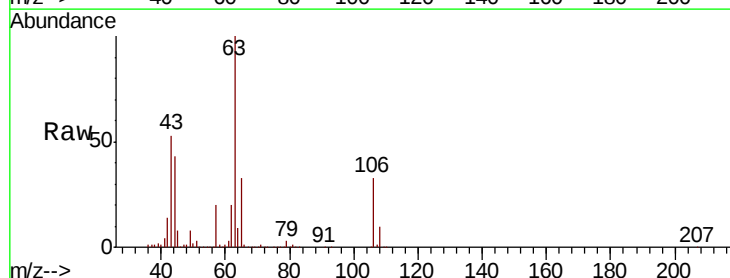
Acq: 22 Oct 2020 10:01

Tgt Ion: 63 Resp: 537378

Ion Ratio Lower Upper

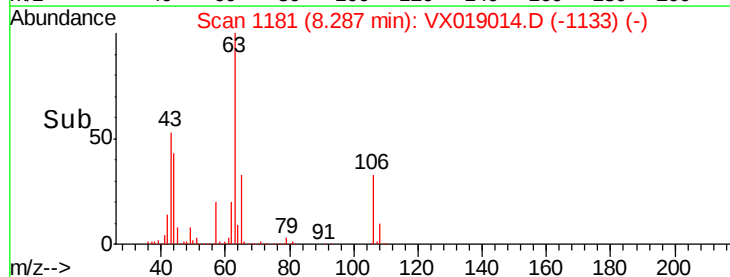
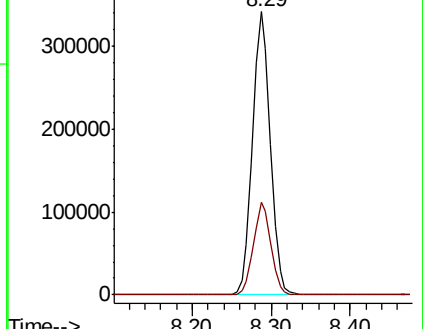
63 100

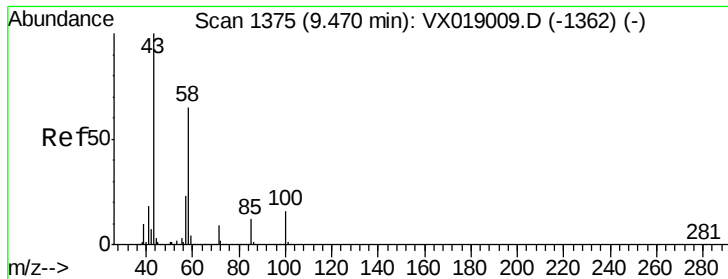
106 32.2 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

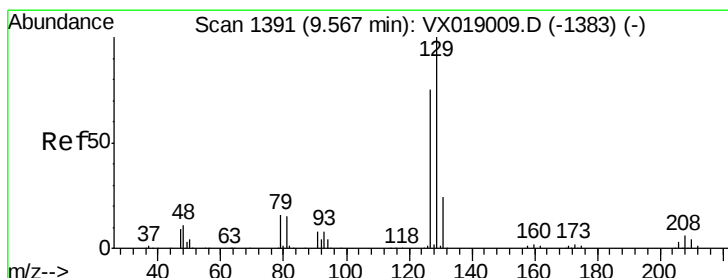
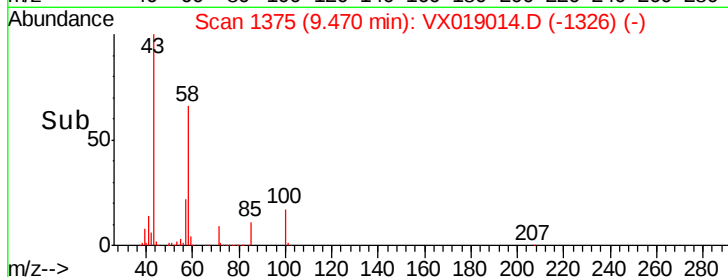
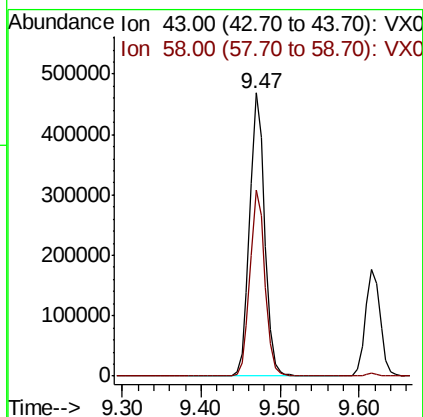
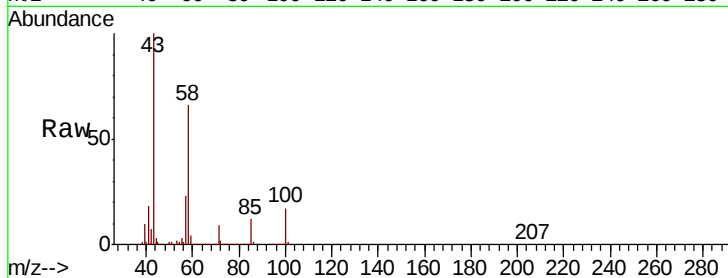




#59
2-Hexanone
Concen: 258.427 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

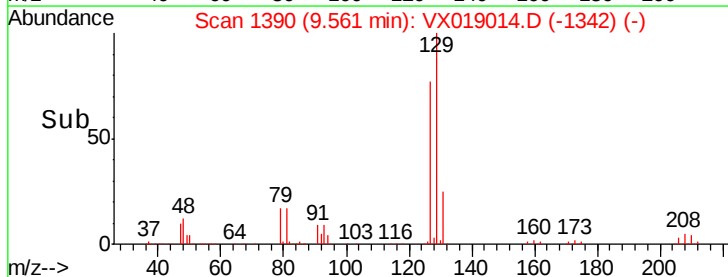
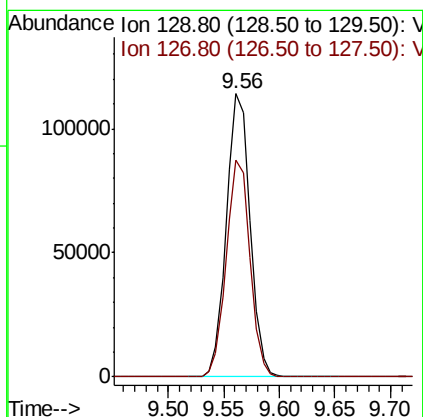
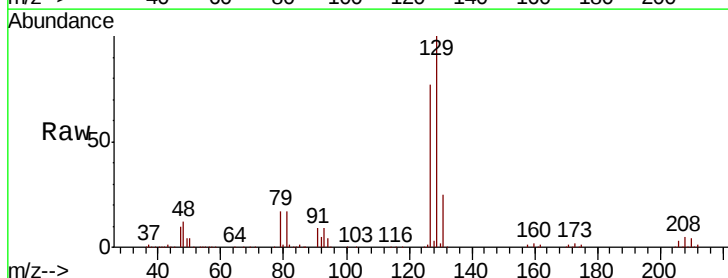
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

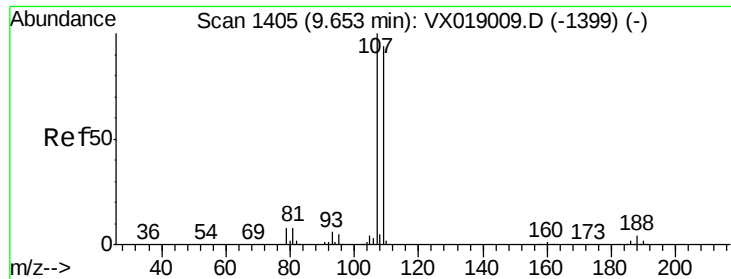
Tot Ion: 43 Resp: 620635
Ion Ratio Lower Upper
43 100
58 65.6 32.8 98.4



#60
Dibromochloromethane
Concen: 51.473 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion: 129 Resp: 168319
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.7





#61

1,2-Dibromoethane

Concen: 49.906 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

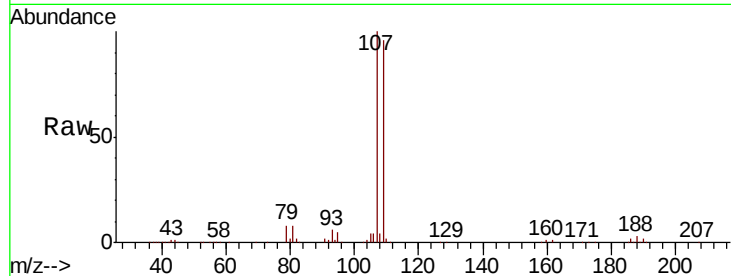
VSTDCCC050

Tot Ion:107 Resp: 160202

Ion Ratio Lower Upper

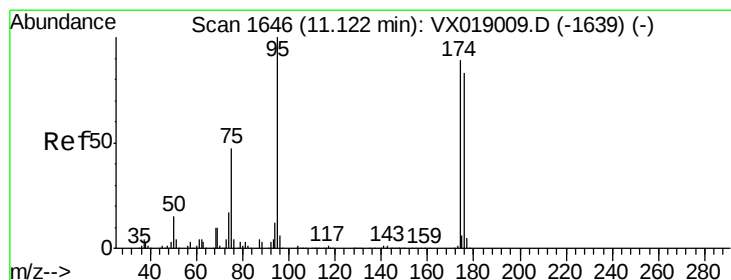
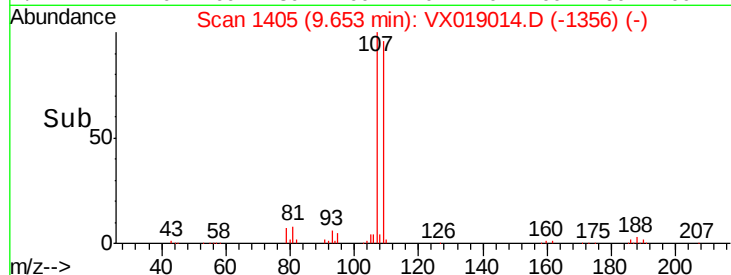
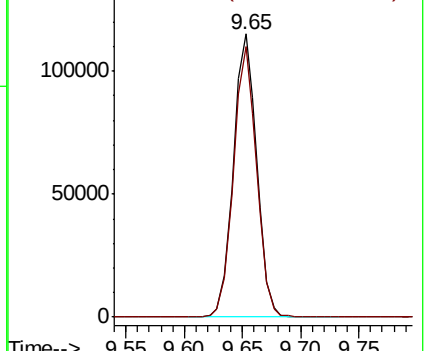
107 100

109 95.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.371 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

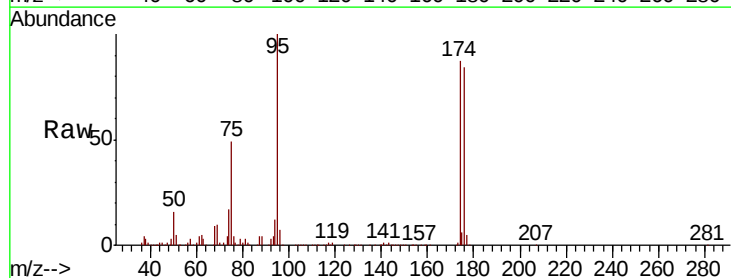
Tgt Ion: 95 Resp: 182528

Ion Ratio Lower Upper

95 100

174 84.7 0.0 167.6

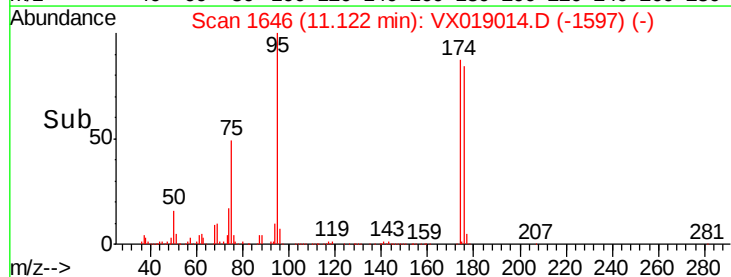
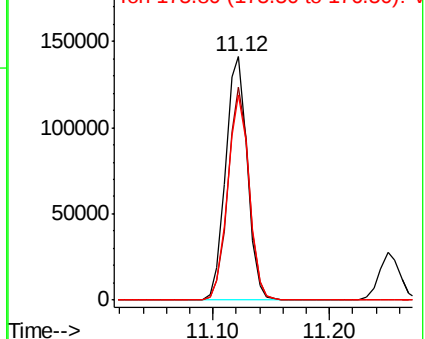
176 83.7 0.0 165.2

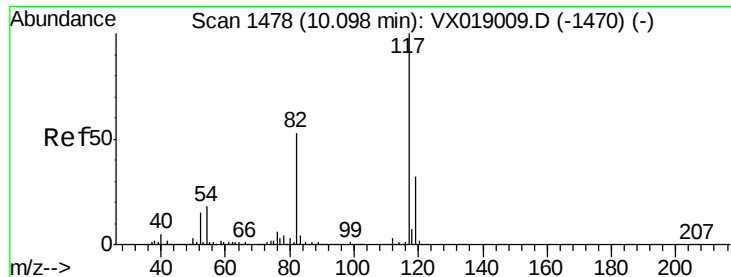


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

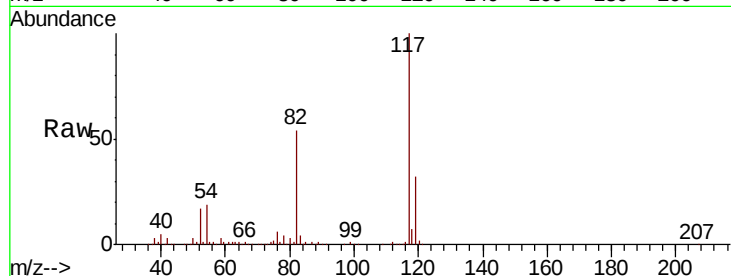




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.4	63.6
119	31.5	25.6	38.4

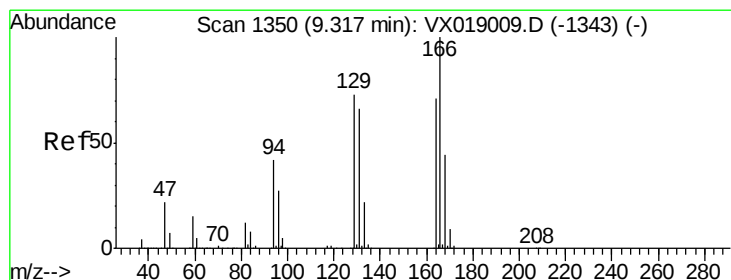
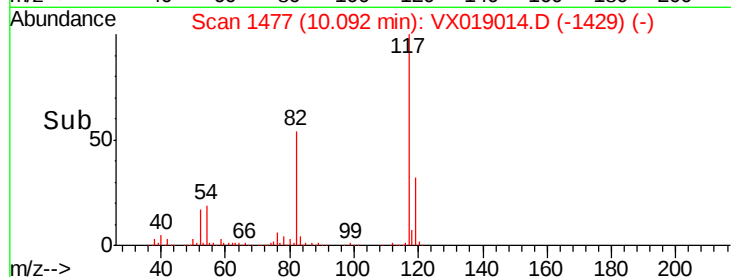
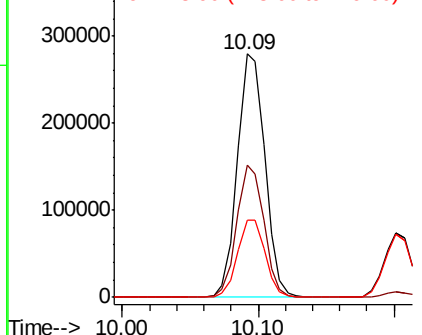


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.306 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.3	112.2	168.4
129	87.6	81.8	122.8
131	86.6	74.6	112.0

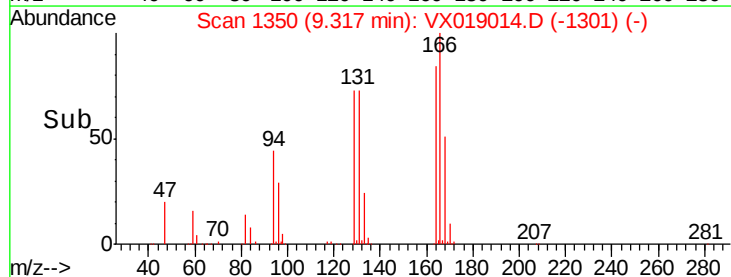
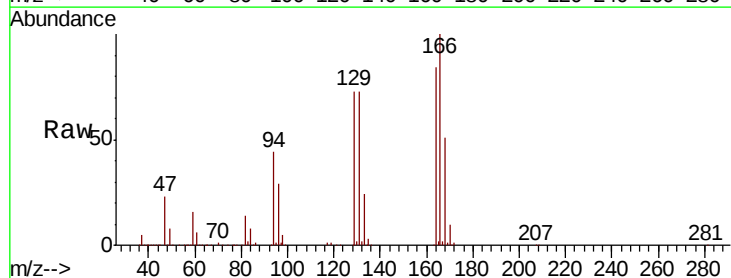
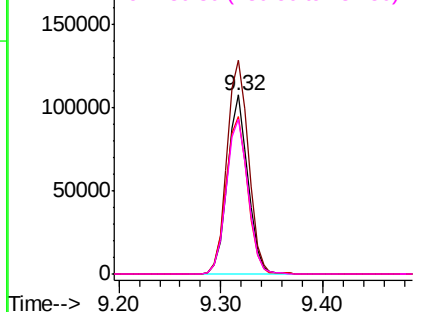
Abundance

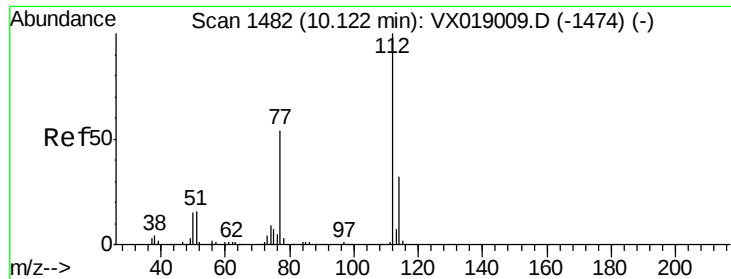
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.379 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

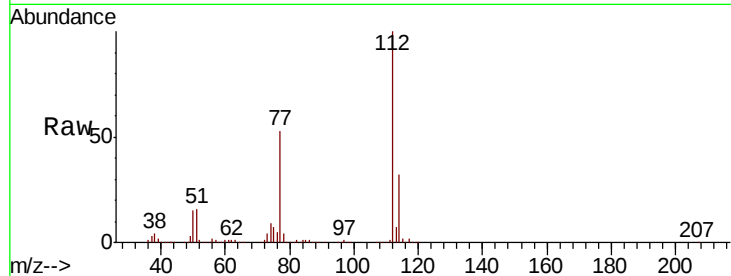
VSTDCCC050

Tot Ion:112 Resp: 408976

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

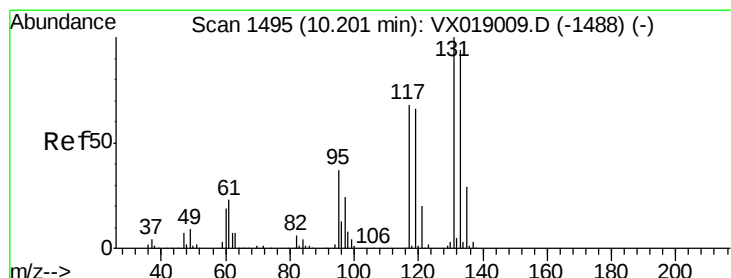
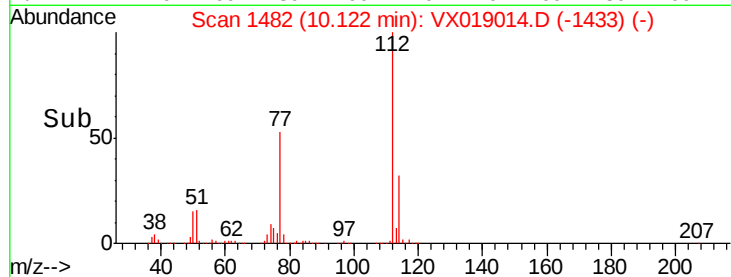
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.404 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

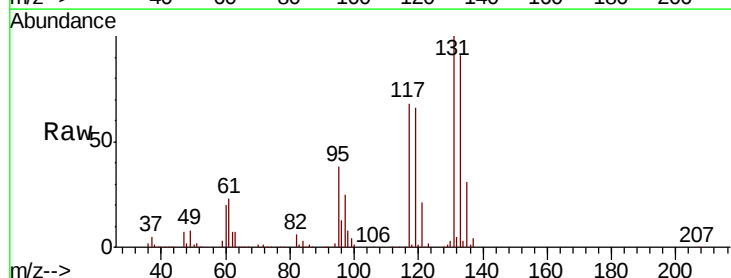
Tgt Ion:131 Resp: 151367

Ion Ratio Lower Upper

131 100

133 93.5 47.0 141.2

119 65.8 32.9 98.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

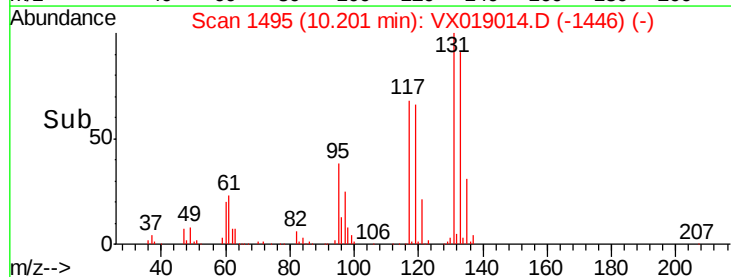
150000

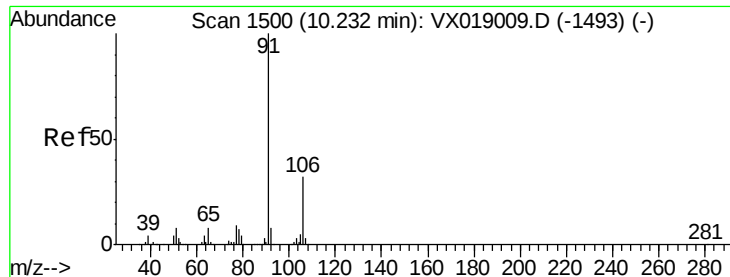
100000

50000

0

Time-->

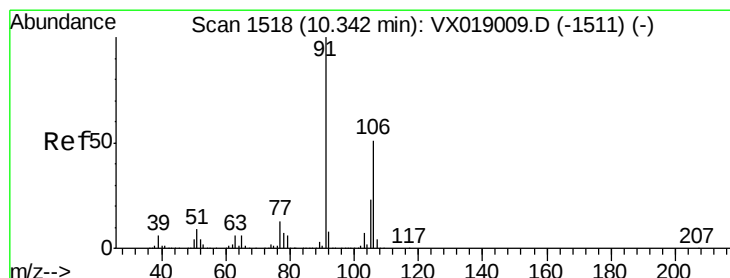
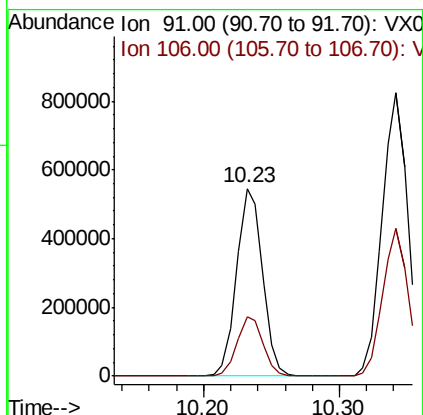
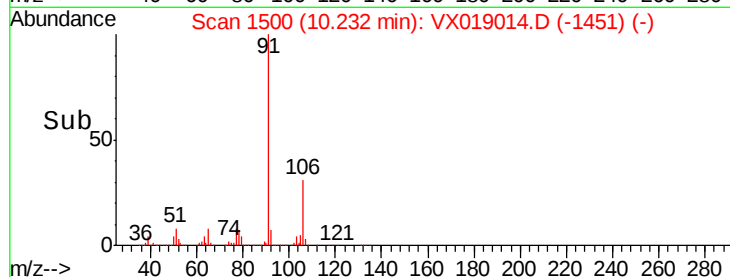
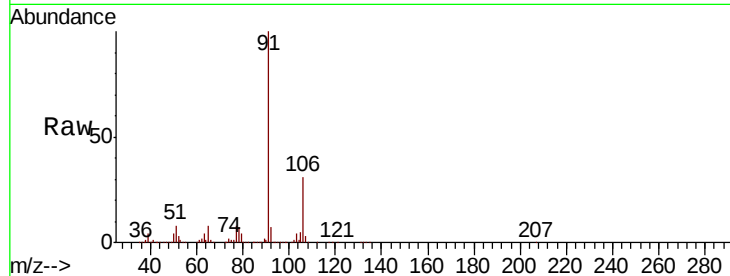




#67
Ethyl Benzene
Concen: 50.661 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

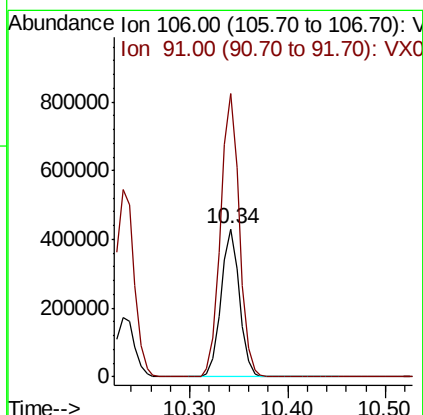
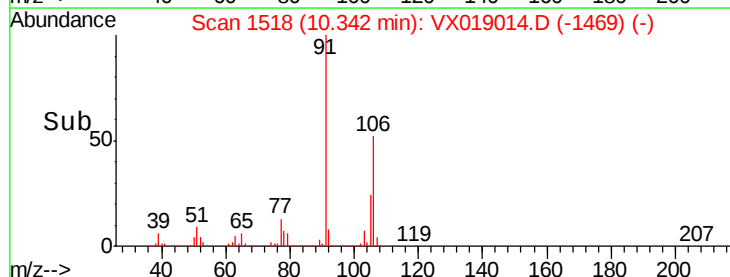
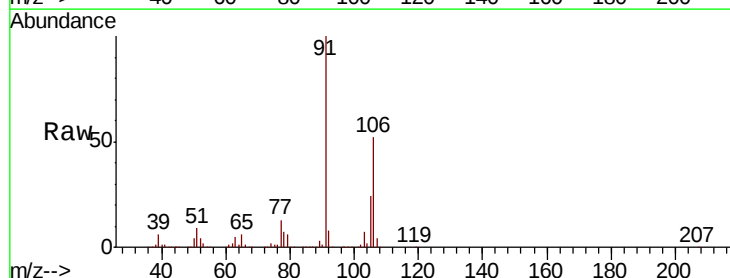
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

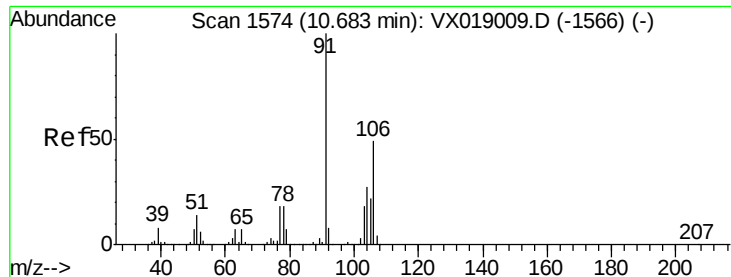
Tot Ion: 91 Resp: 723278
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 102.683 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion: 106 Resp: 561571
Ion Ratio Lower Upper
106 100
91 194.8 156.9 235.3

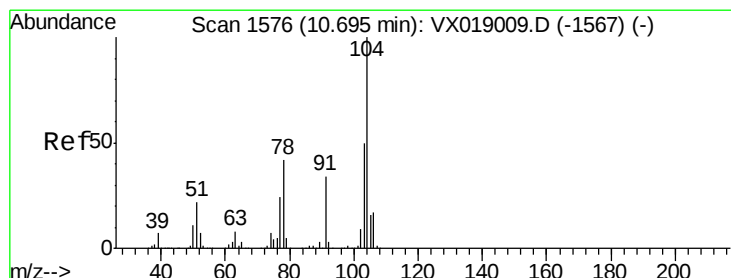
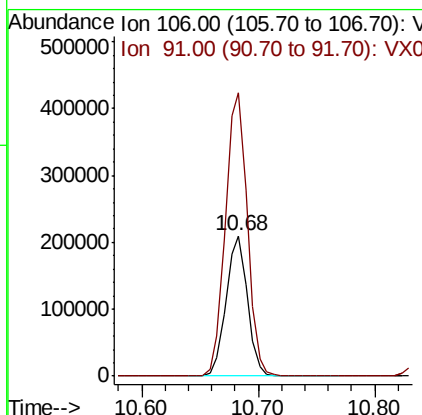
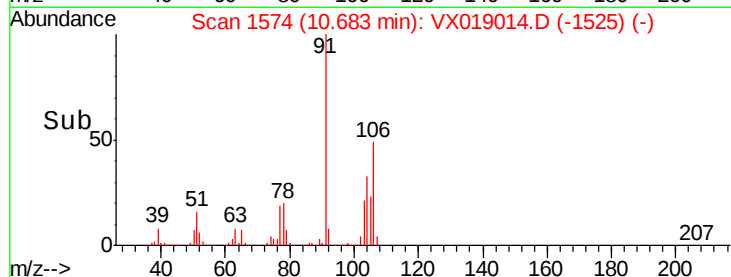
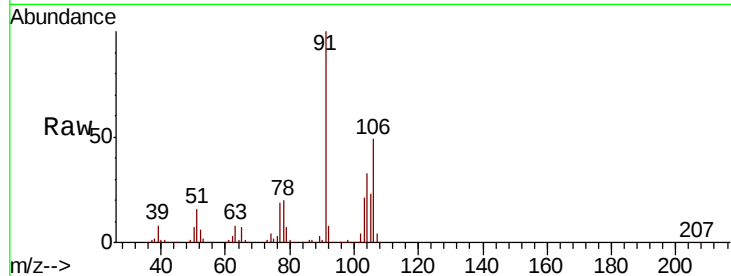




#69
o-Xylene
Concen: 50.649 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

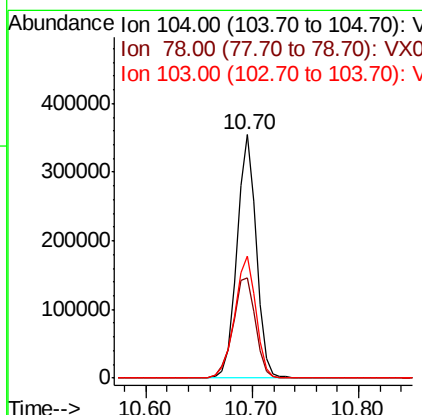
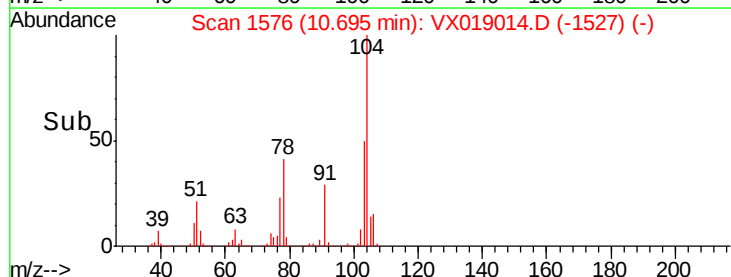
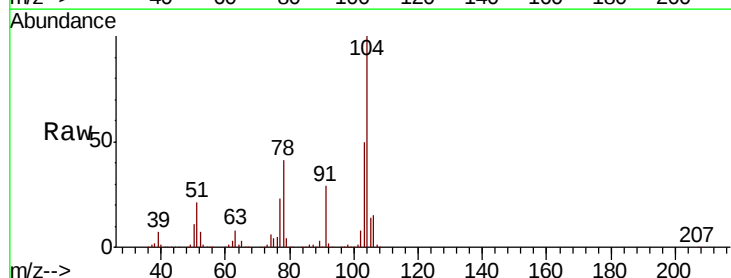
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

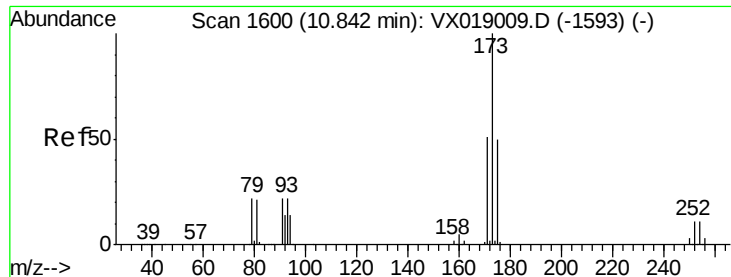
Tot Ion:106 Resp: 265107
Ion Ratio Lower Upper
106 100
91 207.9 104.0 312.0



#70
Styrene
Concen: 50.708 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion:104 Resp: 450620
Ion Ratio Lower Upper
104 100
78 48.1 37.7 56.5
103 55.1 43.5 65.3





#71

Bromoform

Concen: 52.415 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

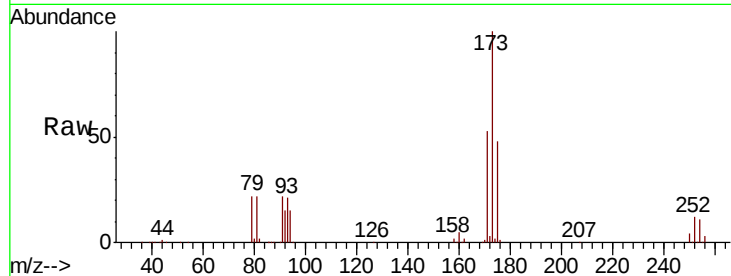
Tot Ion:173 Resp: 124598

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.4

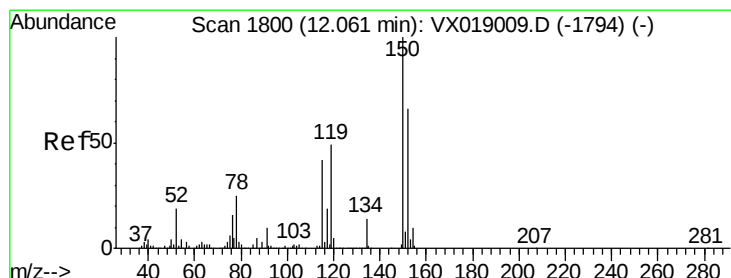
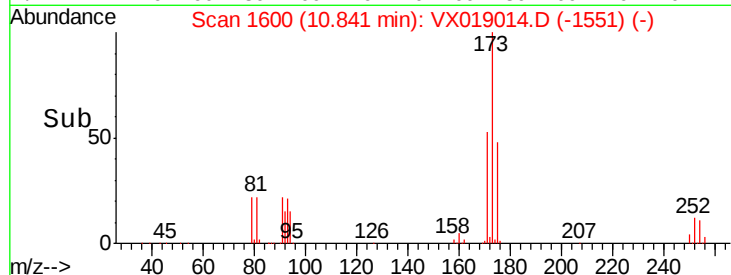
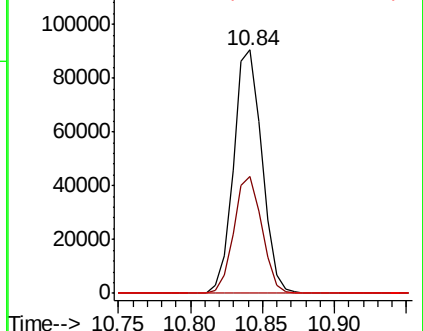
254 0.2 0.1 0.1#



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: VX019014.D

Acq: 22 Oct 2020 10:01

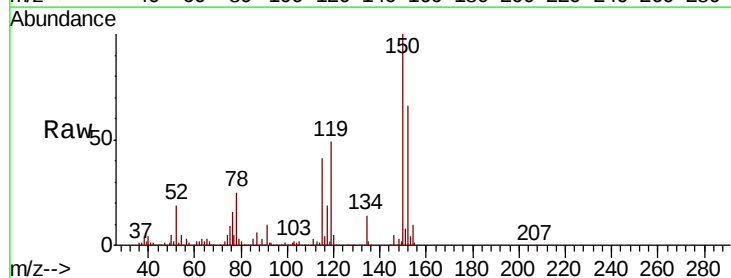
Tgt Ion:152 Resp: 204120

Ion Ratio Lower Upper

152 100

115 81.2 40.8 122.5

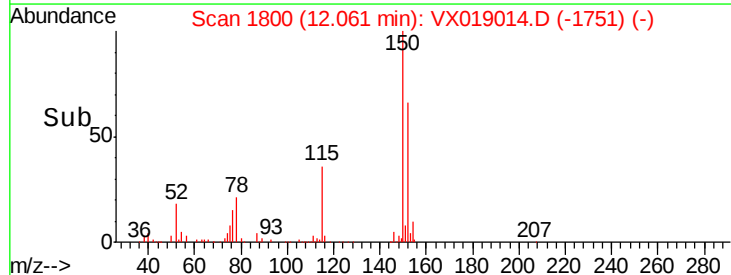
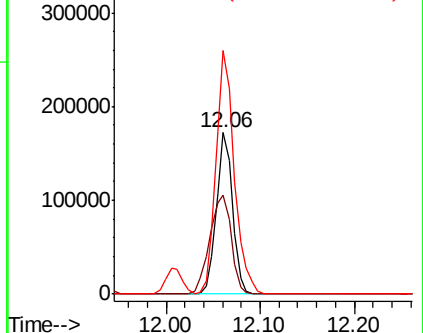
150 170.6 0.0 345.6

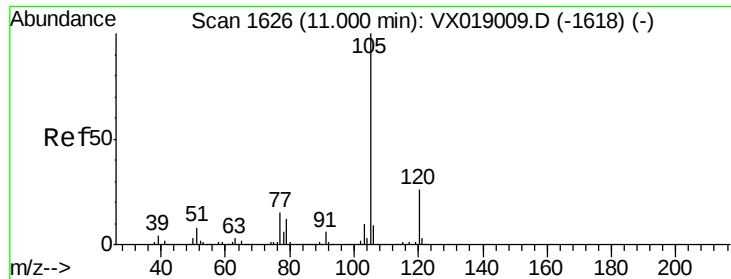


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.061 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

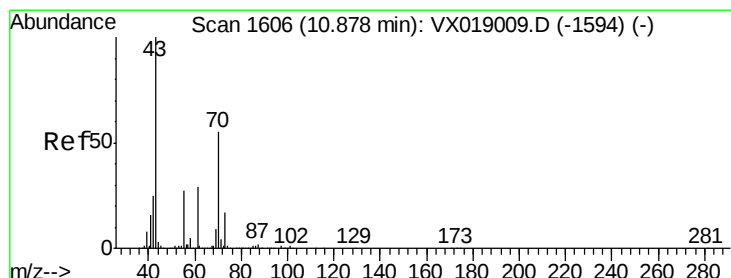
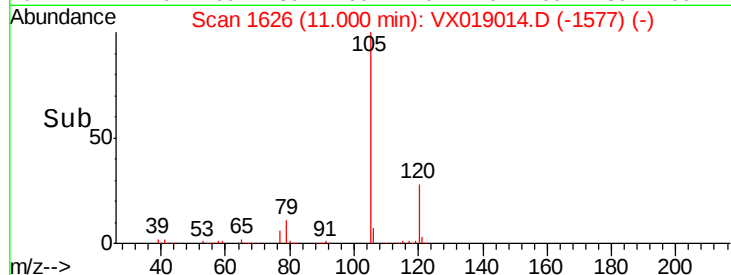
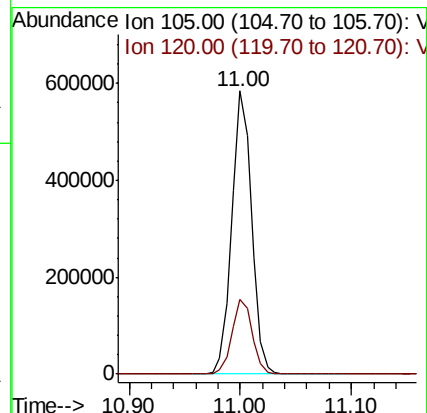
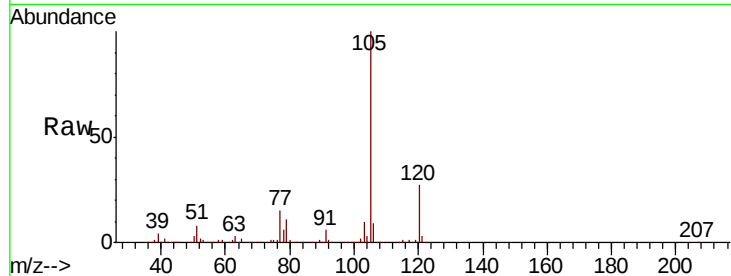
VSTDCCC050

Tot Ion:105 Resp: 720409

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 48.936 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Tgt Ion: 43 Resp: 230227

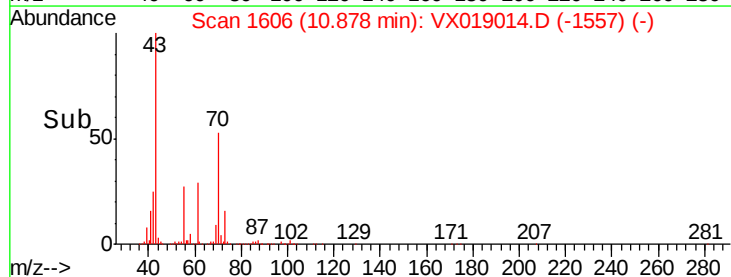
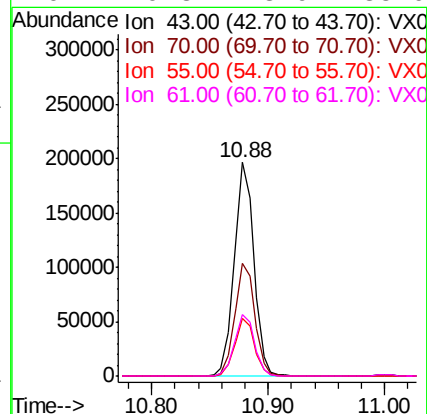
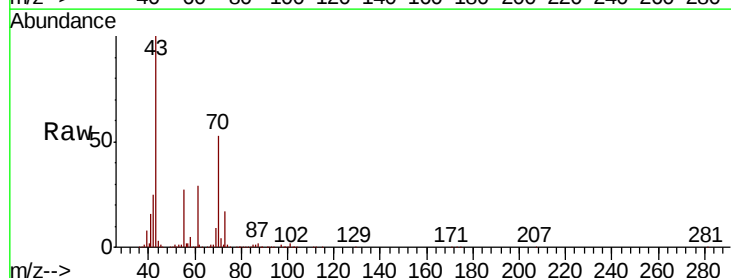
Ion Ratio Lower Upper

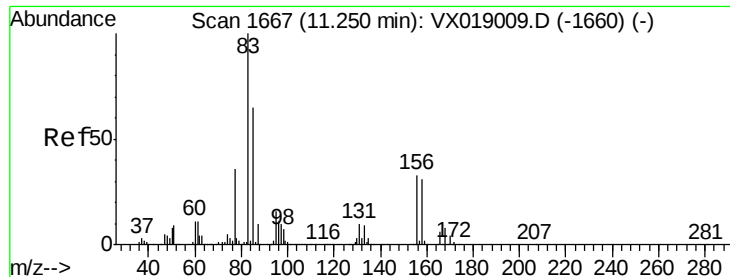
43 100

70 53.9 44.5 66.7

55 27.3 21.9 32.9

61 29.3 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.830 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

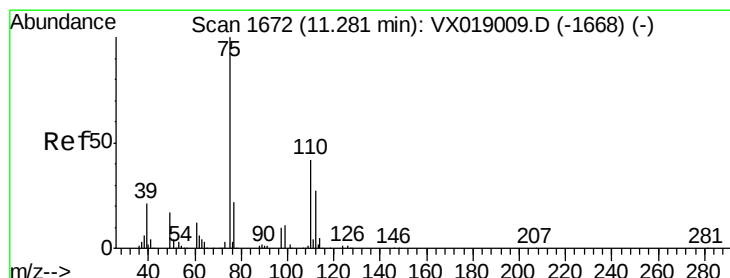
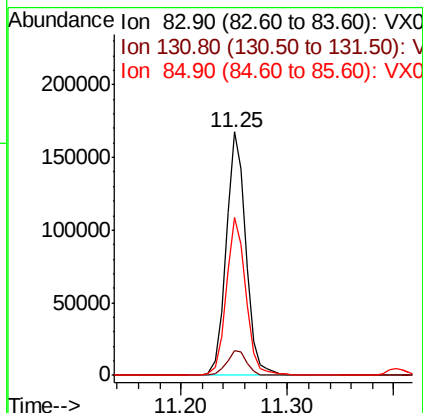
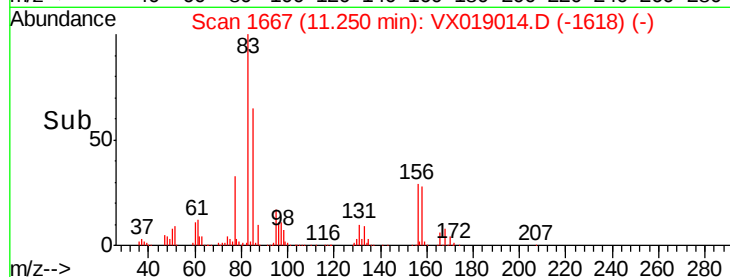
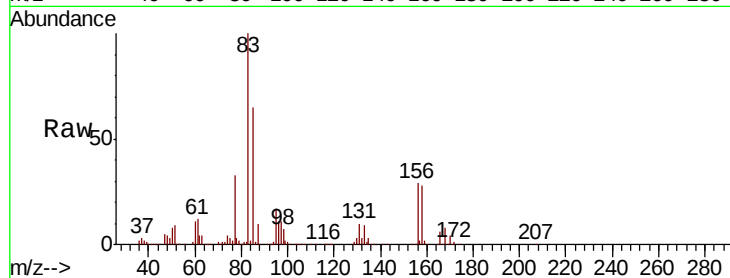
Tot Ion: 83 Resp: 216006

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

85 64.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 63.752 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019014.D

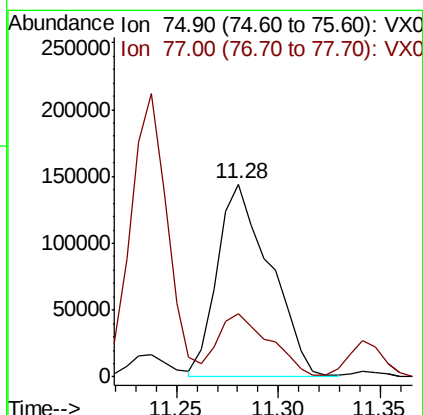
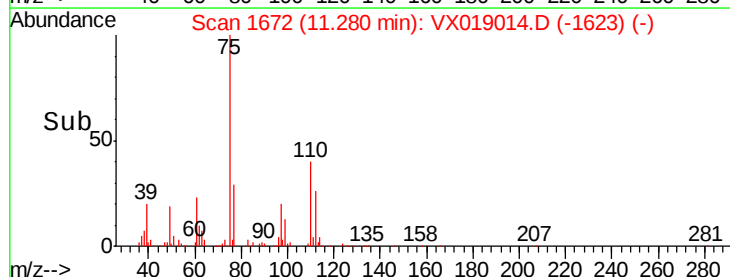
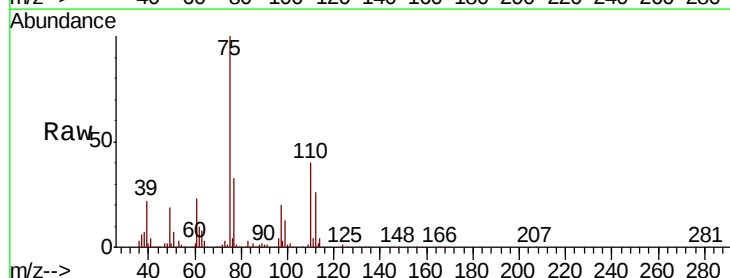
Acq: 22 Oct 2020 10:01

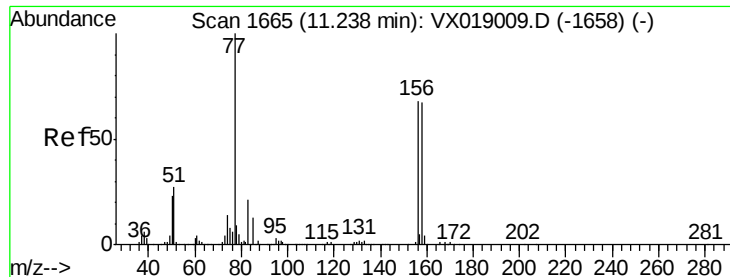
Tgt Ion: 75 Resp: 260093

Ion Ratio Lower Upper

75 100

77 31.8 20.7 62.1





#77

Bromobenzene

Concen: 47.729 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

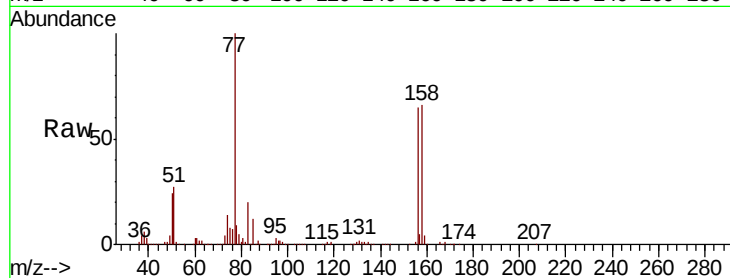
Tot Ion:156 Resp: 177000

Ion Ratio Lower Upper

156 100

77 149.8 74.4 223.1

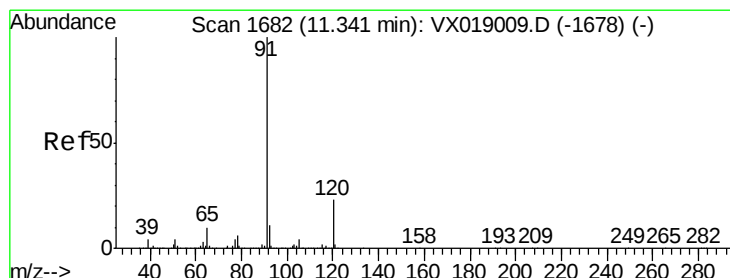
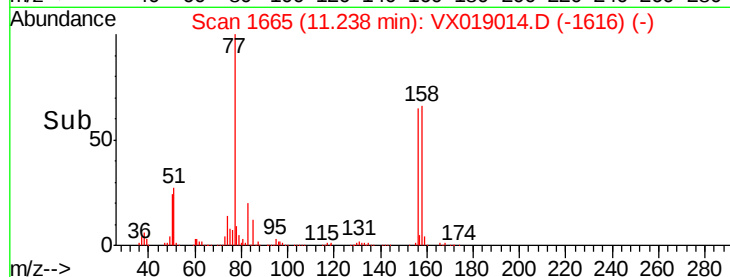
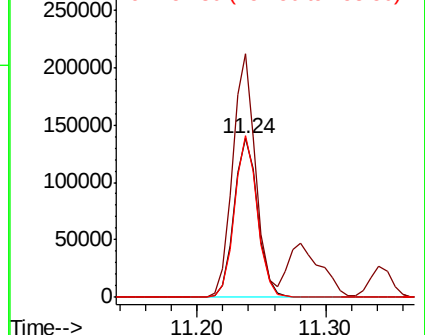
158 98.2 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.385 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019014.D

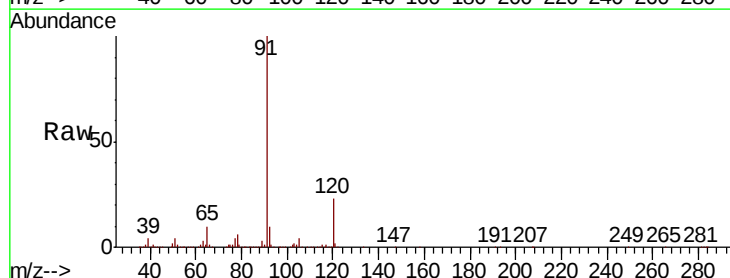
Acq: 22 Oct 2020 10:01

Tgt Ion: 91 Resp: 821707

Ion Ratio Lower Upper

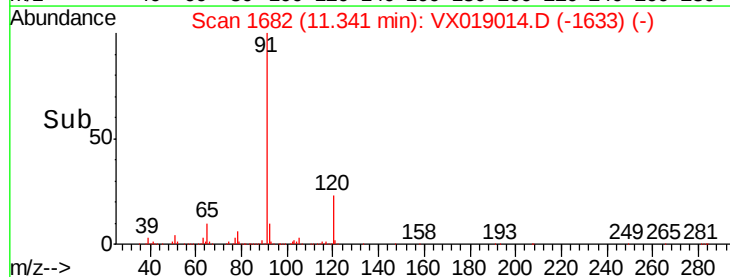
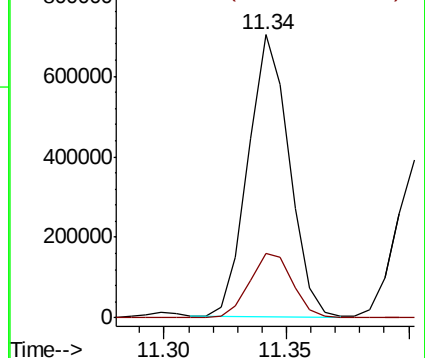
91 100

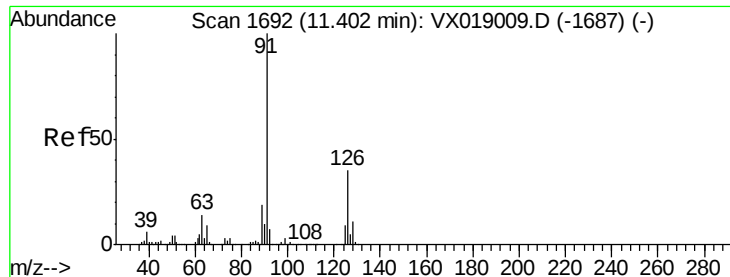
120 24.1 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.113 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

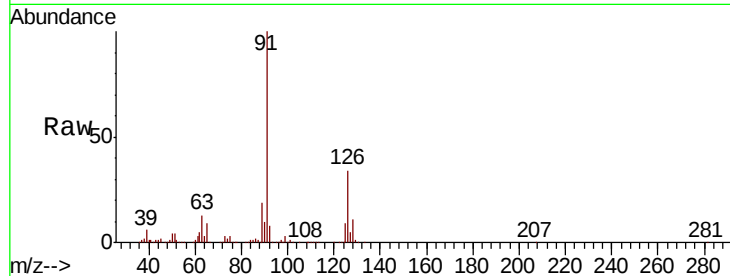
VSTDCCC050

Tot Ion: 91 Resp: 476734

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX019009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019009.D (-1687) (-)

800000

600000

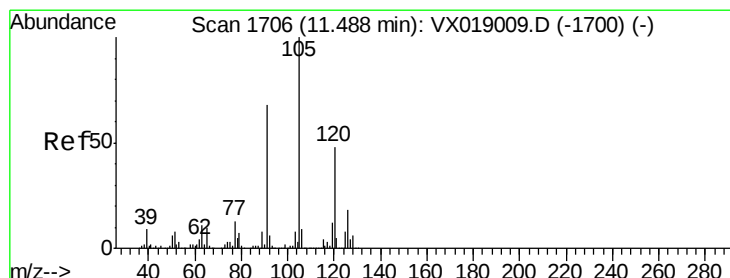
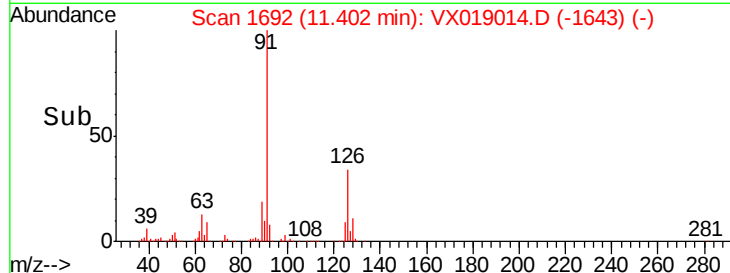
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.706 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019014.D

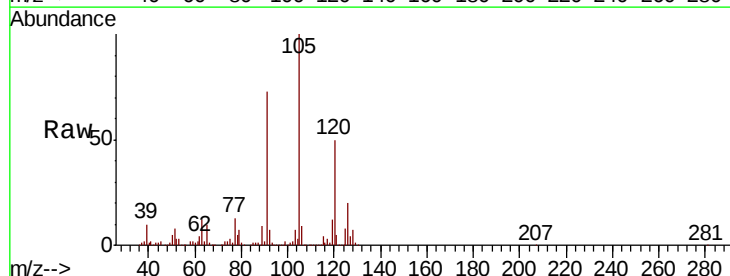
Acq: 22 Oct 2020 10:01

Tgt Ion: 105 Resp: 602725

Ion Ratio Lower Upper

105 100

120 50.5 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX019009.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019009.D (-1700) (-)

500000

400000

300000

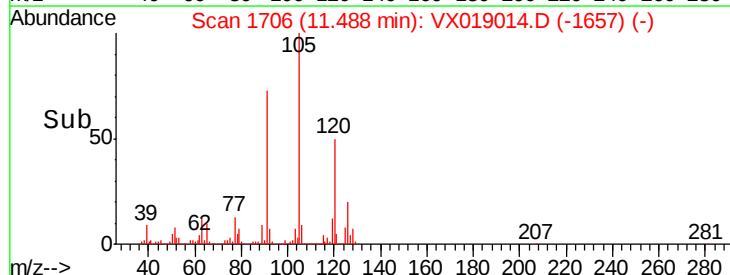
200000

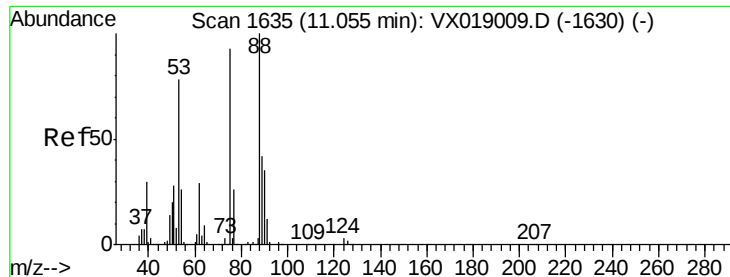
100000

0

11.40 11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.469 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

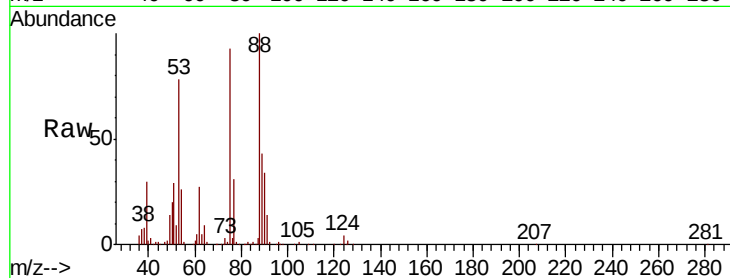
Tot Ion: 75 Resp: 79215

Ion Ratio Lower Upper

75 100

53 82.0 67.4 101.2

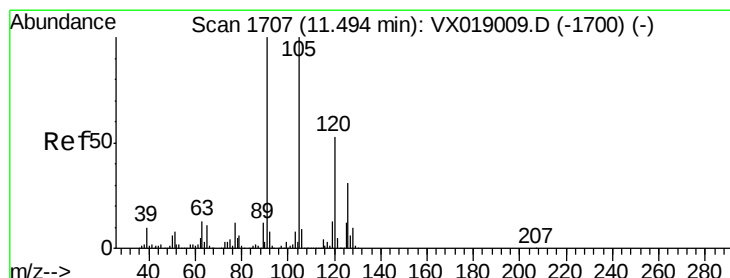
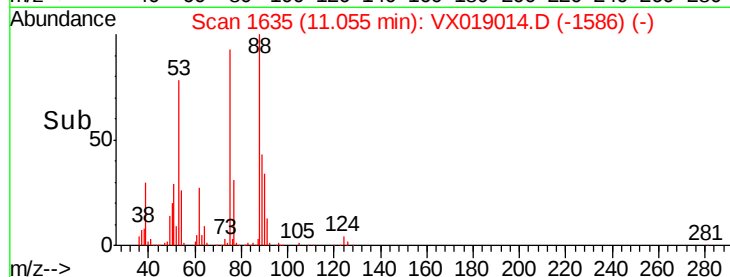
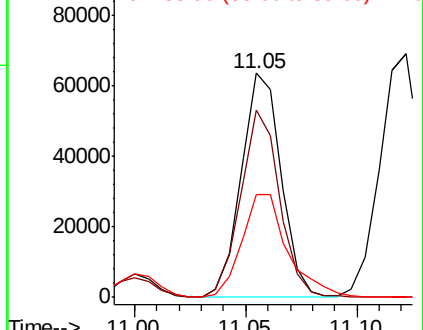
89 53.5 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.827 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019014.D

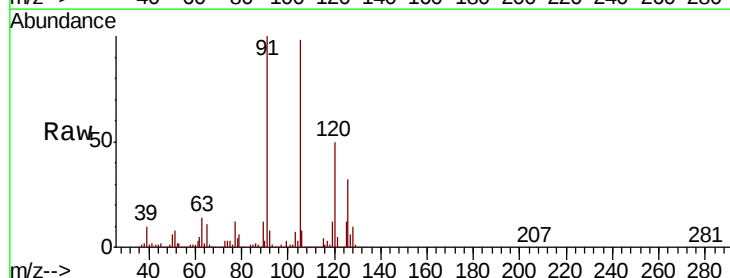
Acq: 22 Oct 2020 10:01

Tgt Ion: 91 Resp: 563941

Ion Ratio Lower Upper

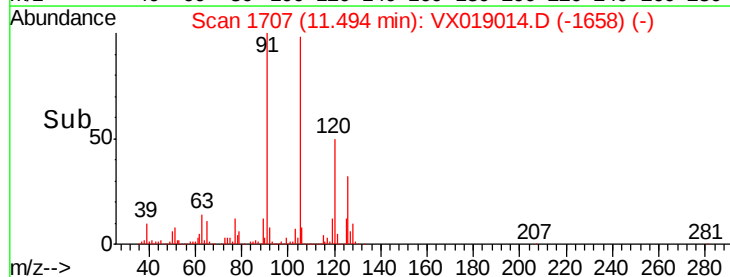
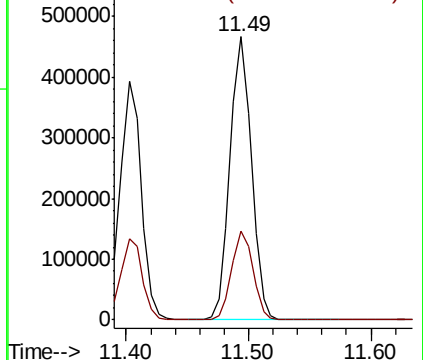
91 100

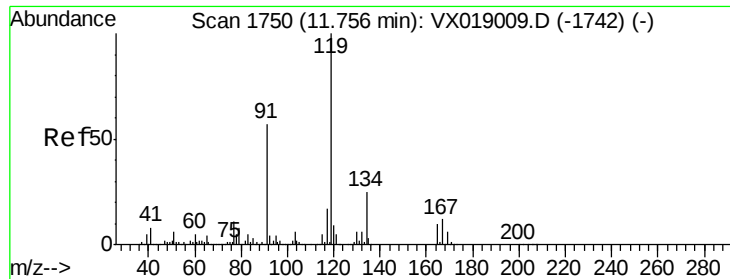
126 31.4 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

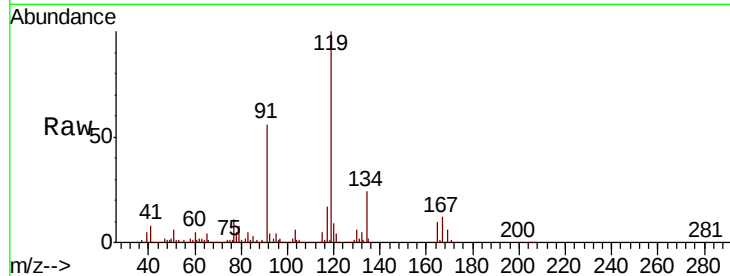




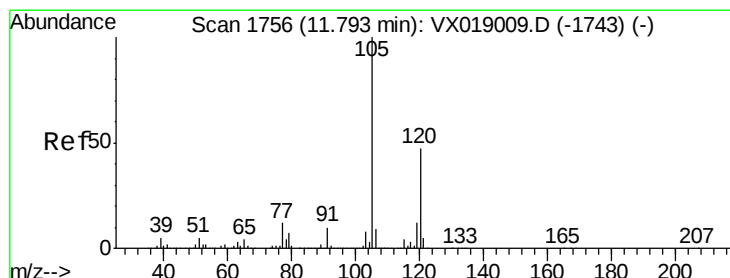
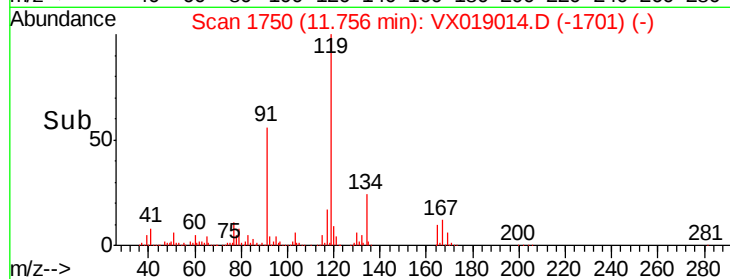
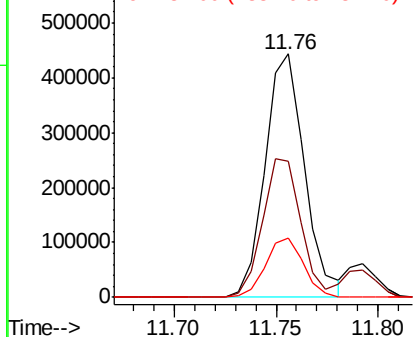
#83
tert-Butylbenzene
Concen: 50.156 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.1	28.1	84.4
134	23.5	11.8	35.3

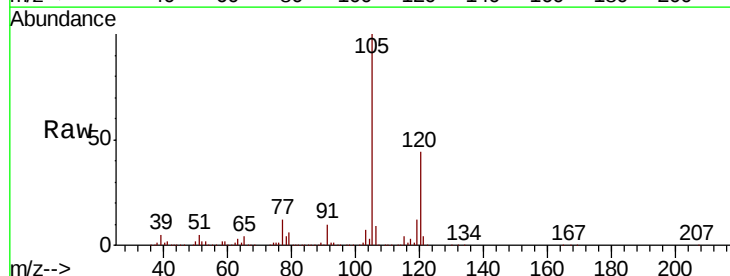


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

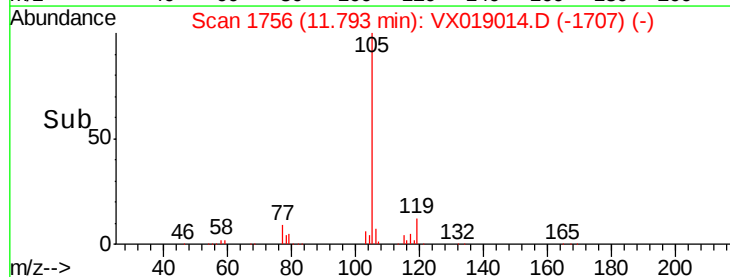
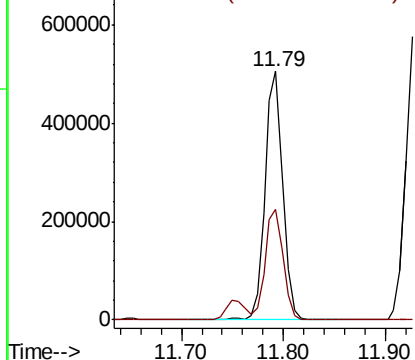


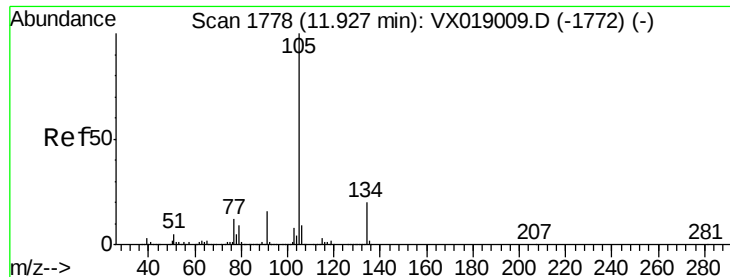
#84
1,2,4-Trimethylbenzene
Concen: 50.286 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.9	68.8



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

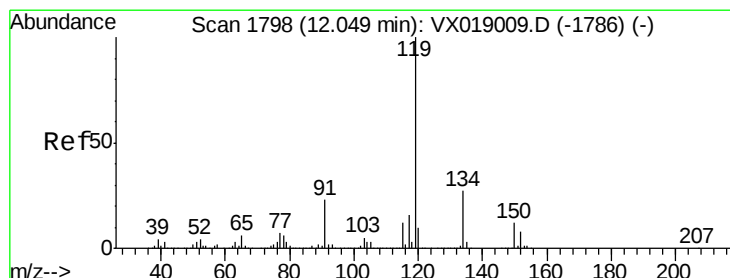
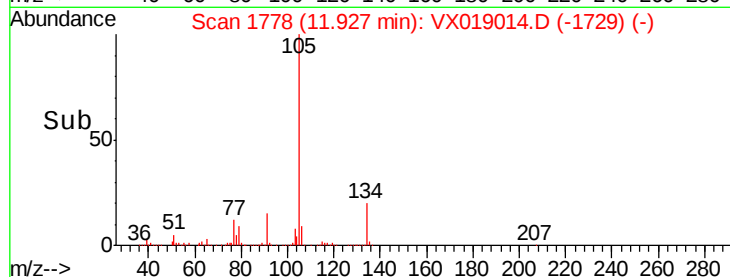
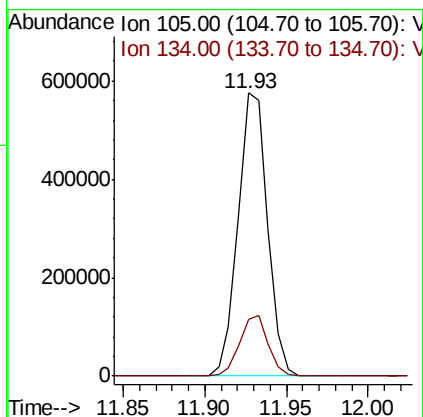
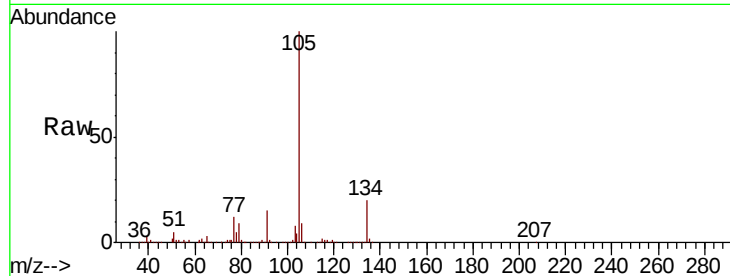




#85
 sec-Butylbenzene
 Concen: 50.132 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019014.D
 Acq: 22 Oct 2020 10:01

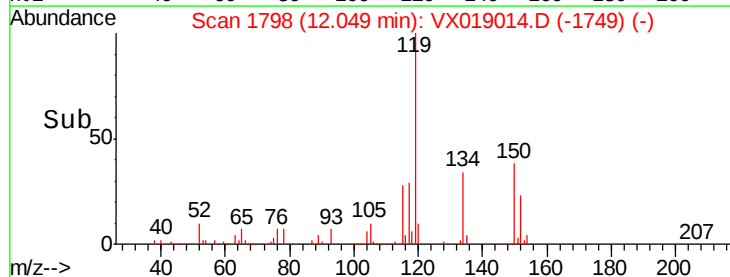
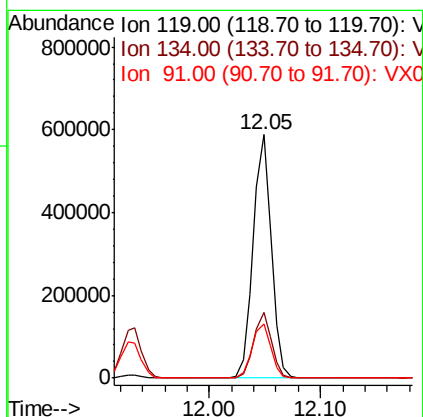
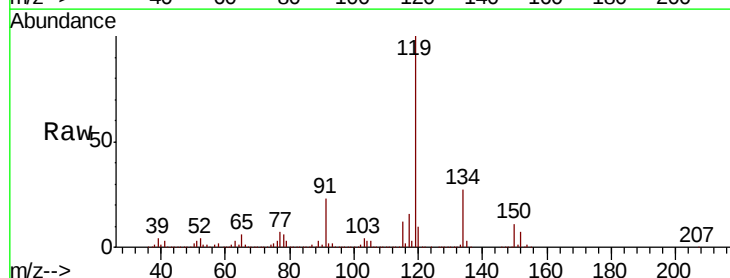
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

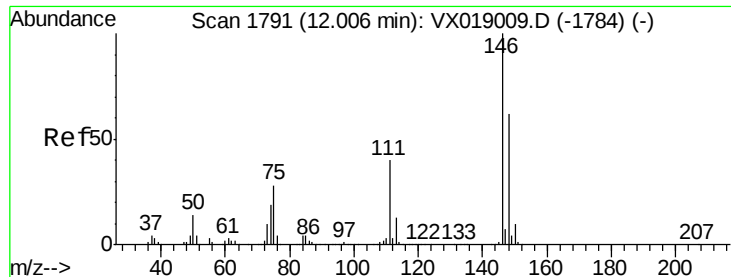
Tot Ion:105 Resp: 724654
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 50.509 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019014.D
 Acq: 22 Oct 2020 10:01

Tgt Ion:119 Resp: 667111
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 23.1 11.4 34.2

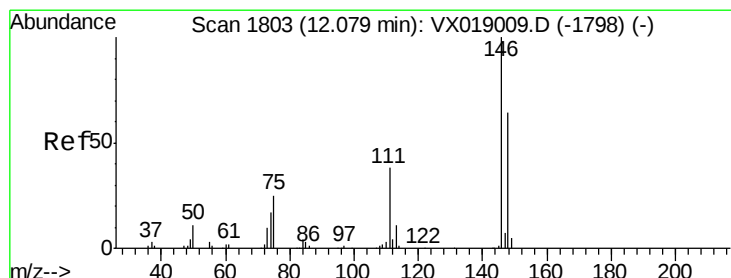
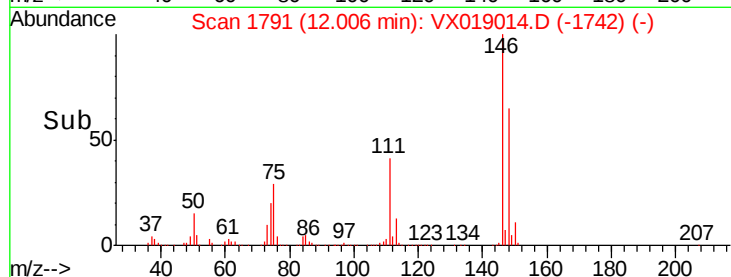
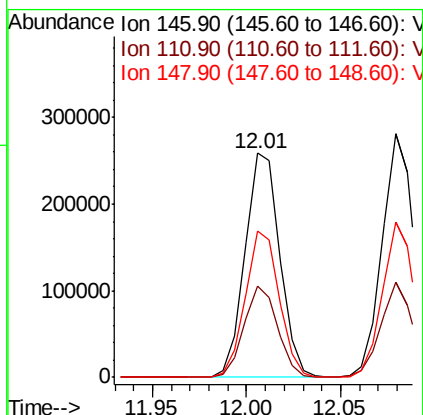
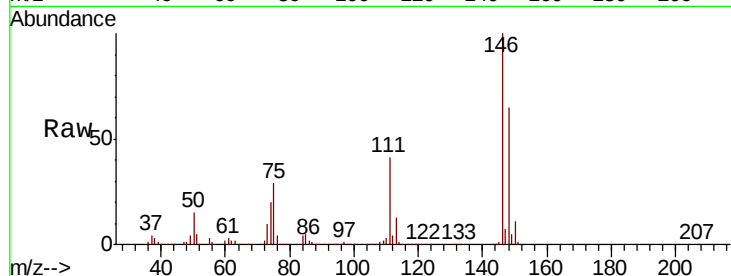




#87
 1,3-Dichlorobenzene
 Concen: 48.813 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019014.D
 Acq: 22 Oct 2020 10:01

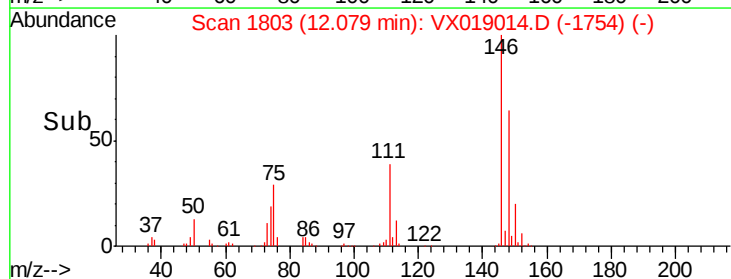
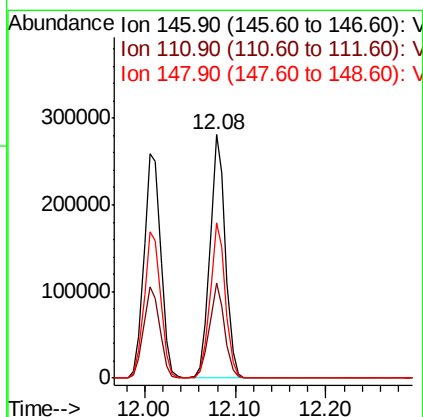
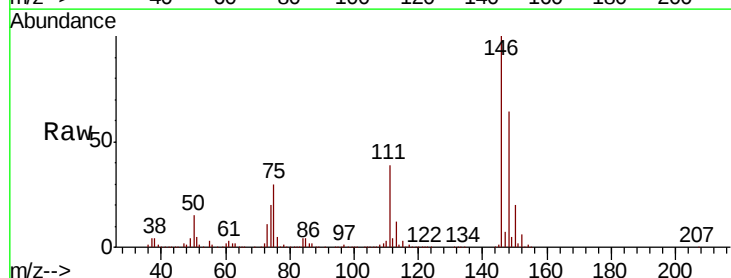
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

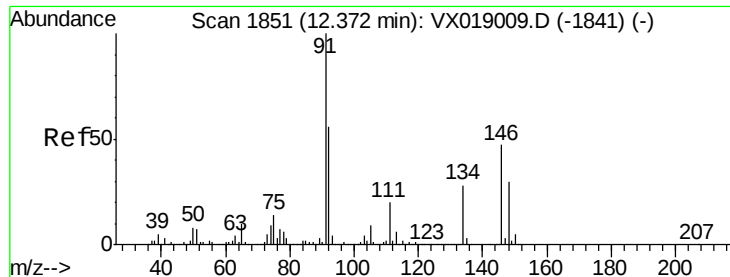
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	63.8	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.286 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019014.D
 Acq: 22 Oct 2020 10:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.2
148	62.9	32.2	96.6

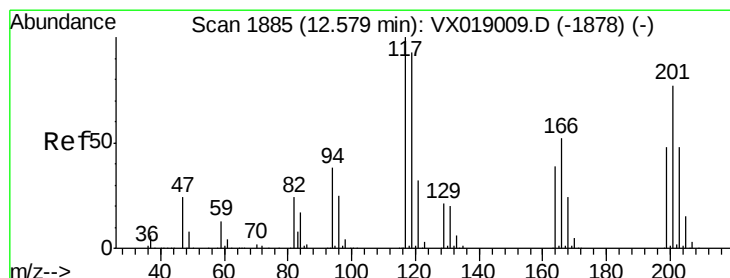
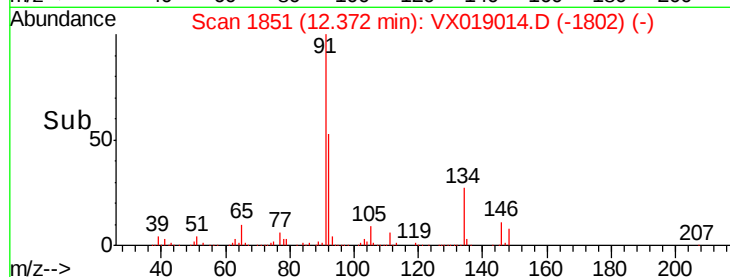
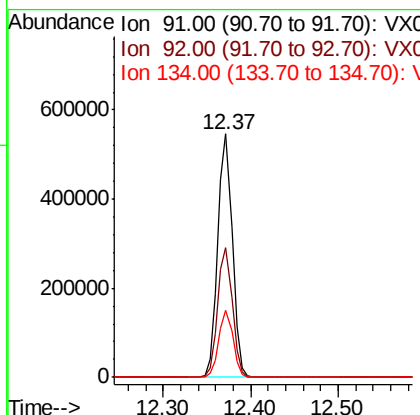
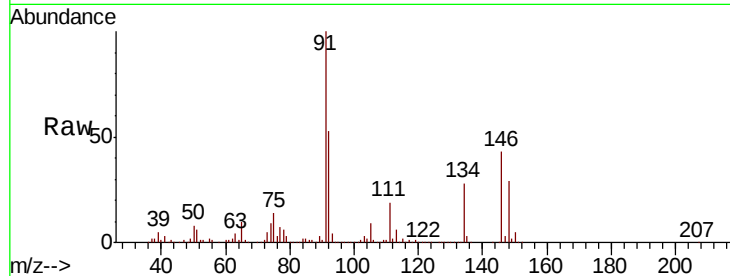




#89
n-Butylbenzene
Concen: 51.467 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

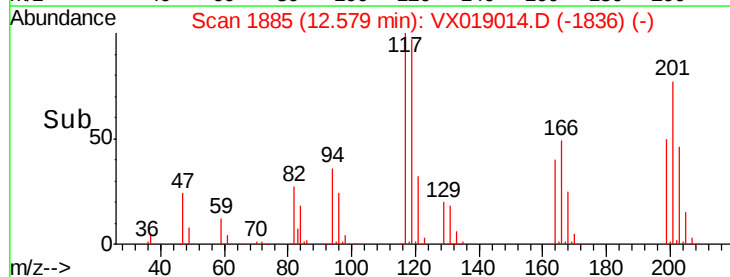
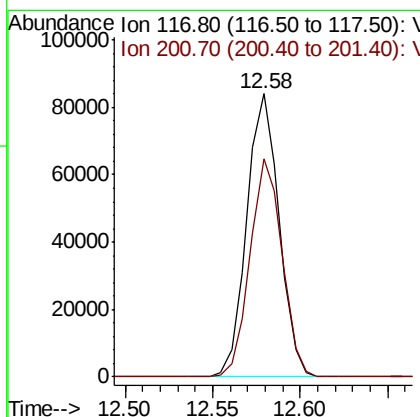
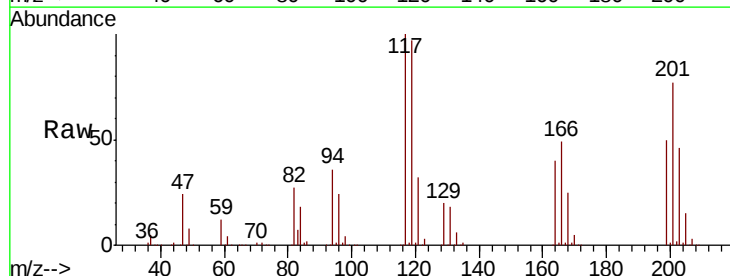
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

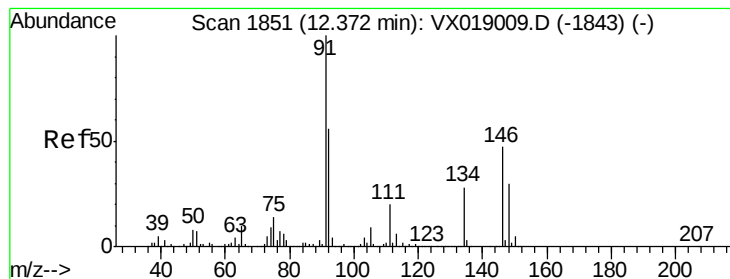
Tot Ion: 91 Resp: 622216
Ion Ratio Lower Upper
91 100
92 53.7 27.3 81.9
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 53.301 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion: 117 Resp: 107773
Ion Ratio Lower Upper
117 100
201 76.7 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 48.599 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

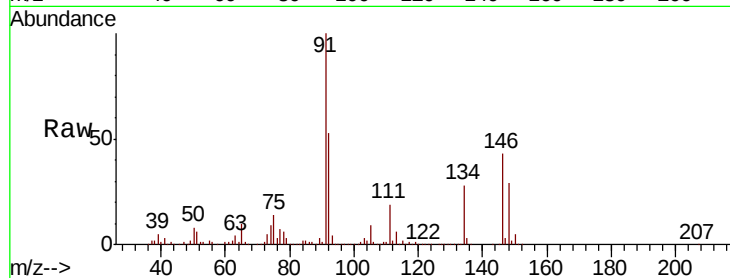
Tot Ion:146 Resp: 308246

Ion Ratio Lower Upper

146 100

111 41.9 19.9 59.7

148 64.0 31.4 94.3

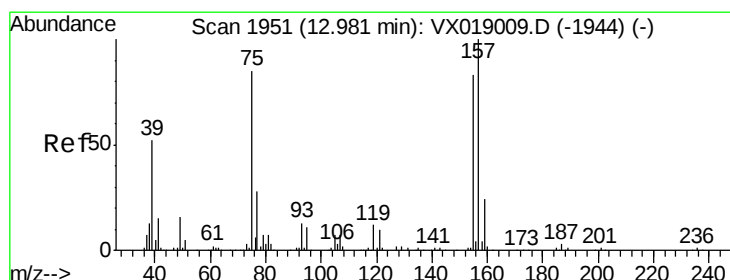
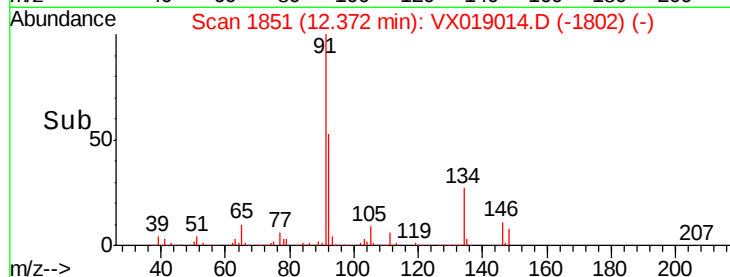
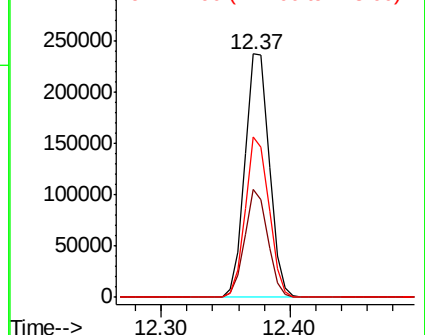


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.081 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019014.D

Acq: 22 Oct 2020 10:01

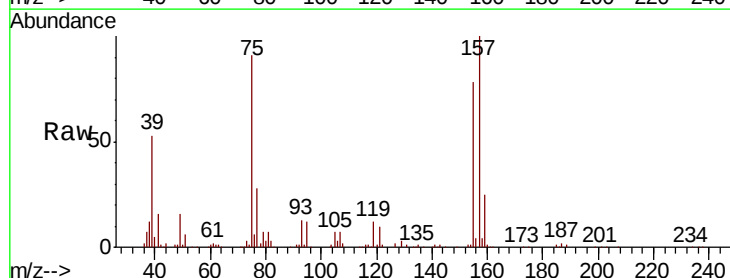
Tgt Ion: 75 Resp: 48431

Ion Ratio Lower Upper

75 100

155 91.8 47.3 142.0

157 116.1 59.7 179.0

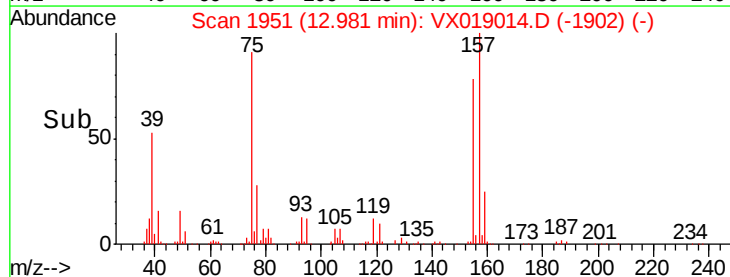
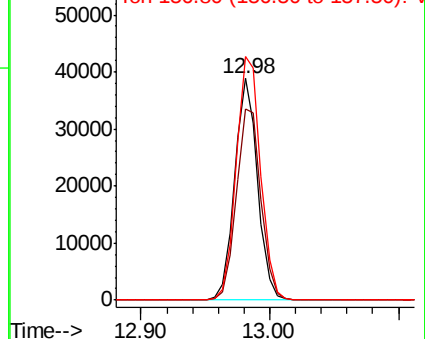


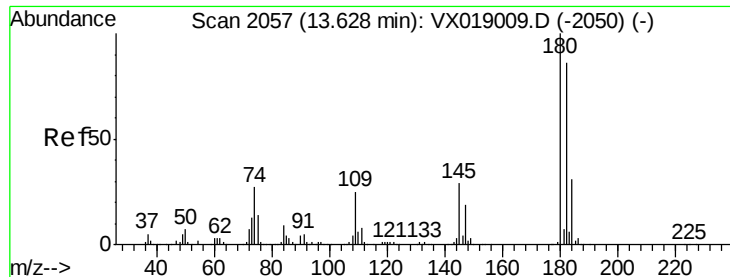
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

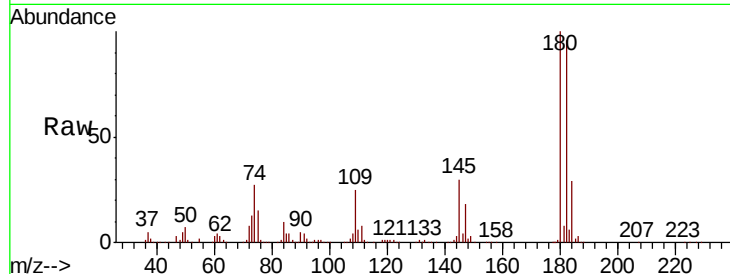




#93
1,2,4-Trichlorobenzene
Concen: 47.466 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.4	139.2
145	31.0	15.2	45.6

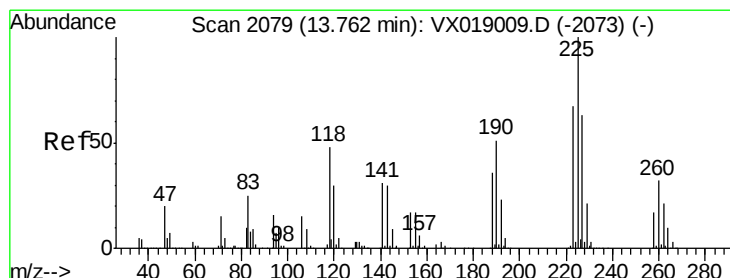
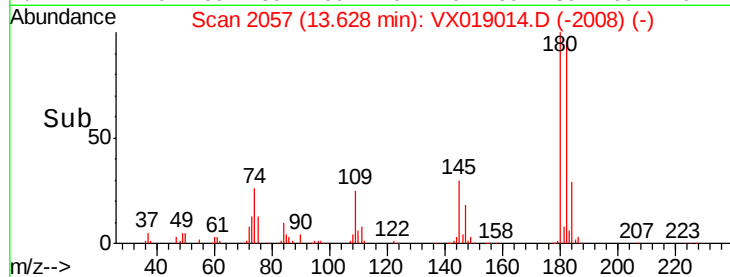
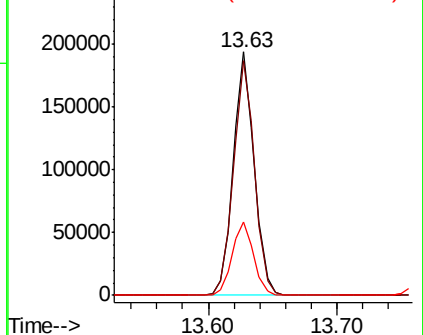


Abundance

Ion 179.80 (179.50 to 180.50): V

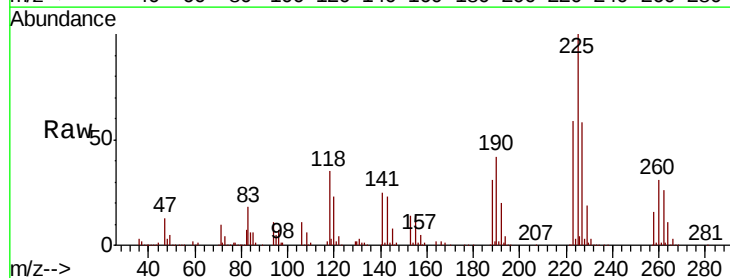
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 49.537 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	32.5	97.4
227	62.5	31.9	95.7

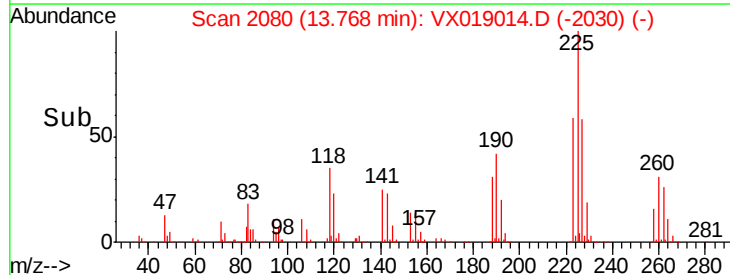
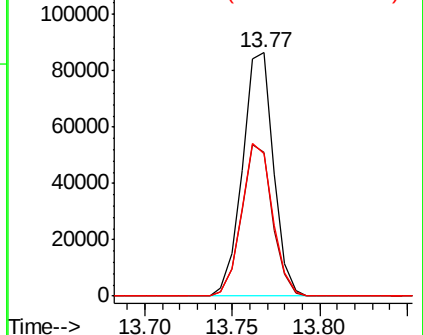


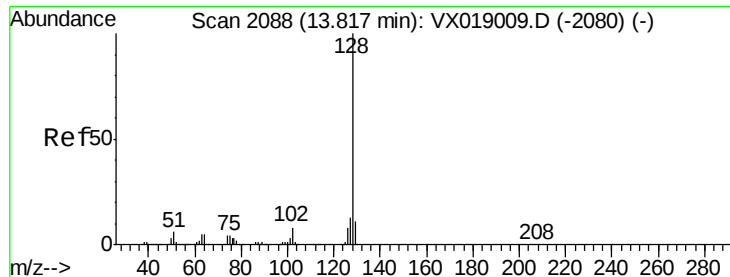
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

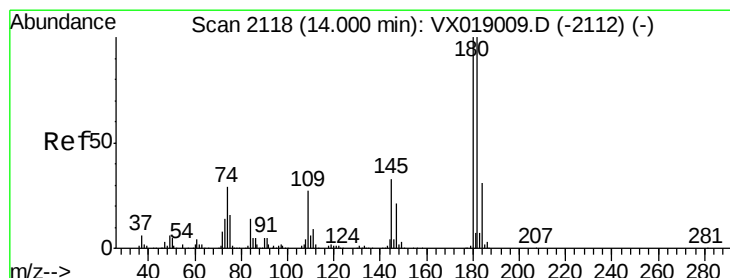
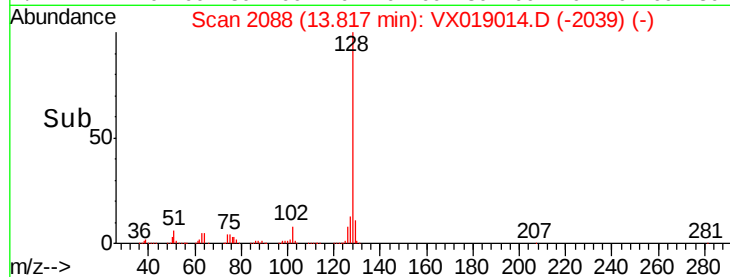
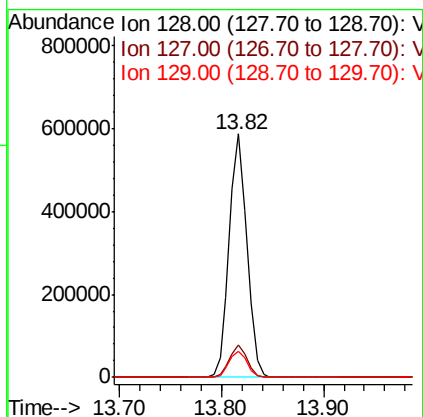
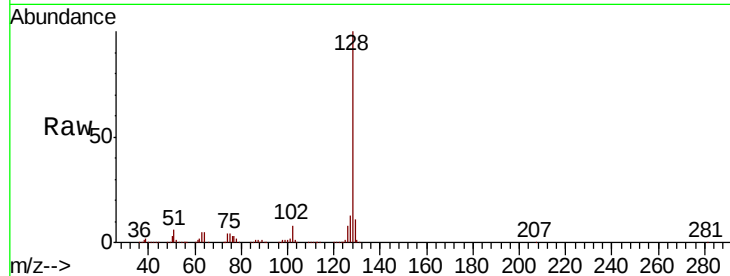




#95
Naphthalene
Concen: 48.231 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 704178
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.833 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019014.D
Acq: 22 Oct 2020 10:01

Tgt Ion:180 Resp: 216051
Ion Ratio Lower Upper
180 100
182 96.4 47.3 142.0
145 32.7 15.9 47.6

