

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019114.D
 Acq On : 24 Oct 2020 07:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 26 05:41:06 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	218816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	372075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	339838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	179132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	128333	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	5.46	113	114067	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	8.70	98	431123	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.12	95	154990	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	106589	48.903	ug/l	100
3) Chloromethane	1.31	50	94904	43.793	ug/l	99
4) Vinyl Chloride	1.39	62	124349	48.629	ug/l	99
5) Bromomethane	1.63	94	78477	31.693	ug/l	97
6) Chloroethane	1.71	64	83146	45.997	ug/l	99
7) Trichlorofluoromethane	1.92	101	212023	49.066	ug/l	99
8) Diethyl Ether	2.17	74	80942	47.837	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	98754	48.240	ug/l	99
10) Methyl Iodide	2.49	142	104114	37.396	ug/l	98
11) Tert butyl alcohol	3.01	59	127803	240.751	ug/l	100
12) 1,1-Dichloroethene	2.36	96	102787	48.262	ug/l	99
13) Acrolein	2.27	56	52679	262.445	ug/l	99
14) Allyl chloride	2.71	41	126423	45.885	ug/l	100
15) Acrylonitrile	3.11	53	245262	238.923	ug/l	99
16) Acetone	2.42	43	207764	232.720	ug/l	99
17) Carbon Disulfide	2.55	76	265642	43.247	ug/l	99
18) Methyl Acetate	2.75	43	109359	49.364	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	329126	48.785	ug/l	100
20) Methylene Chloride	2.84	84	118987	47.874	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	118366	47.628	ug/l	98
22) Diisopropyl ether	3.82	45	265956	48.952	ug/l	96
23) Vinyl Acetate	3.78	43	1243605	241.059	ug/l	99
24) 1,1-Dichloroethane	3.67	63	194060	49.047	ug/l	99
25) 2-Butanone	4.64	43	334954	237.448	ug/l	99
26) 2,2-Dichloropropane	4.56	77	132434	36.252	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	138584	49.136	ug/l	96
28) Bromochloromethane	4.98	49	79852	47.528	ug/l	99
29) Tetrahydrofuran	5.09	42	196497	233.054	ug/l	100
30) Chloroform	5.18	83	214560	49.948	ug/l	100
31) Cyclohexane	5.55	56	143680	46.811	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	192230	49.341	ug/l	99
36) 1,1-Dichloropropene	5.77	75	159518	47.780	ug/l	99
37) Ethyl Acetate	4.79	43	133363	46.801	ug/l	100
38) Carbon Tetrachloride	5.75	117	165890	47.340	ug/l	96

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 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)
39) Methylcyclohexane	7.44	83	164994	44.111	ug/l	97
40) Benzene	6.11	78	472290	48.033	ug/l	98
41) Methacrylonitrile	5.00	41	71015	46.394	ug/l	99
42) 1,2-Dichloroethane	6.16	62	164109	48.906	ug/l	99
43) Isopropyl Acetate	6.41	43	224268	46.470	ug/l	99
44) Trichloroethene	7.19	130	135148	47.131	ug/l	99
45) 1,2-Dichloropropane	7.49	63	113634	48.180	ug/l	98
46) Dibromomethane	7.63	93	84840	47.228	ug/l	99
47) Bromodichloromethane	7.87	83	172225	48.897	ug/l	99
48) Methyl methacrylate	7.74	41	107680	45.283	ug/l	99
49) 1,4-Dioxane	7.73	88	53416	994.201	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	676457	237.873	ug/l	99
52) Toluene	8.77	92	311288	47.932	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	178003	44.753	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	189322	45.075	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	125783	47.510	ug/l	99
56) Ethyl methacrylate	9.16	69	182847	48.005	ug/l	100
57) 1,3-Dichloropropane	9.35	76	203255	48.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	479901	239.846	ug/l	100
59) 2-Hexanone	9.47	43	508991	240.178	ug/l	100
60) Dibromochloromethane	9.57	129	137961	47.810	ug/l	99
61) 1,2-Dibromoethane	9.65	107	132796	46.880	ug/l	99
64) Tetrachloroethene	9.32	164	122340	47.283	ug/l #	84
65) Chlorobenzene	10.12	112	341199	47.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	125674	49.588	ug/l	99
67) Ethyl Benzene	10.24	91	594720	48.400	ug/l	99
68) m/p-Xylenes	10.34	106	457872	97.276	ug/l	100
69) o-Xylene	10.68	106	219524	48.731	ug/l	98
70) Styrene	10.70	104	374971	49.027	ug/l	100
71) Bromoform	10.84	173	99410	48.590	ug/l	99
73) Isopropylbenzene	11.00	105	591524	45.903	ug/l	99
74) N-amyl acetate	10.88	43	191083	46.281	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	191842	49.417	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	209038	58.385	ug/l	85
77) Bromobenzene	11.24	156	144523	44.408	ug/l	98
78) n-propylbenzene	11.34	91	661997	45.336	ug/l	100
79) 2-Chlorotoluene	11.40	91	383557	45.026	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	496176	46.627	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	54563	38.827	ug/l	98
82) 4-Chlorotoluene	11.49	91	460775	45.459	ug/l	99
83) tert-Butylbenzene	11.76	119	483622	46.134	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	499284	46.856	ug/l	99
85) sec-Butylbenzene	11.93	105	574270	45.270	ug/l	99
86) p-Isopropyltoluene	12.05	119	532449	45.937	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	275466	46.142	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	280800	45.833	ug/l	99
89) n-Butylbenzene	12.37	91	472828	44.566	ug/l	100
90) Hexachloroethane	12.58	117	82858	46.695	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	273909	49.209	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	40535	45.855	ug/l	99

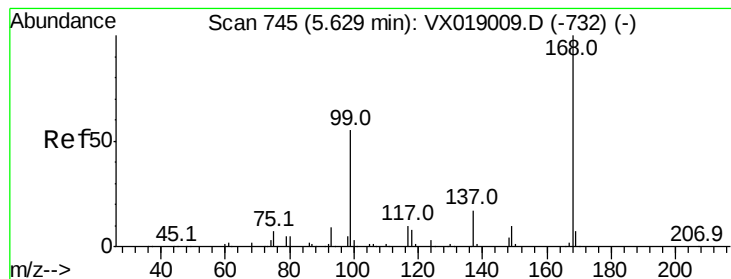
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	189052	46.424	ug/l	98
94) Hexachlorobutadiene	13.76	225	76498	40.519	ug/l	97
95) Naphthalene	13.82	128	615069	48.004	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	183329	46.250	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

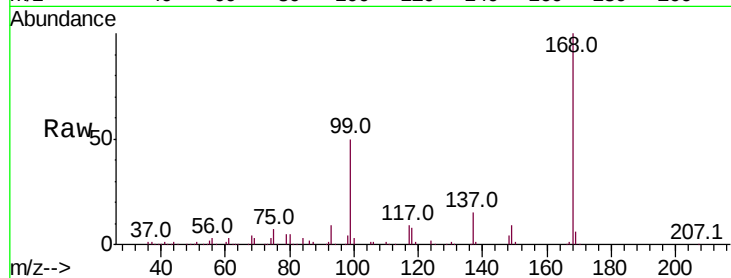
VSTDCCC050EC

Tot Ion:168 Resp: 218816

Ion Ratio Lower Upper

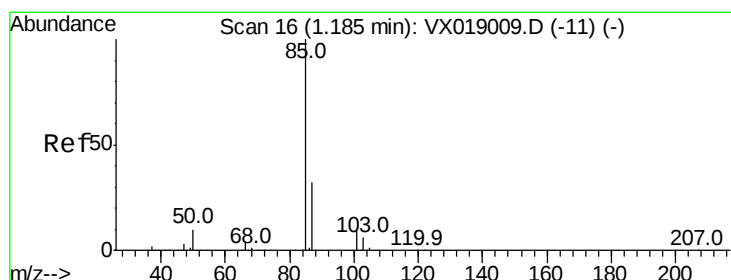
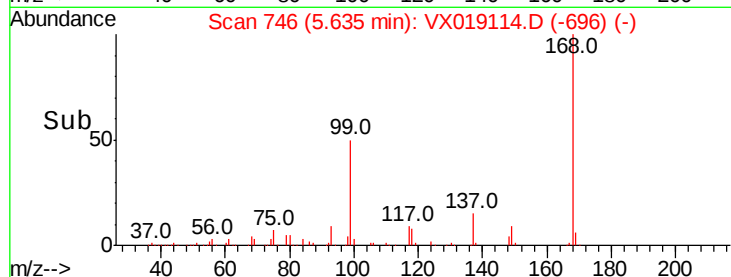
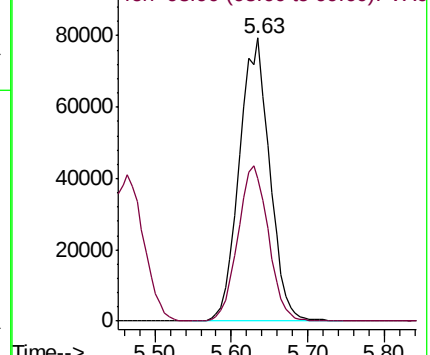
168 100

99 50.1 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.903 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019114.D

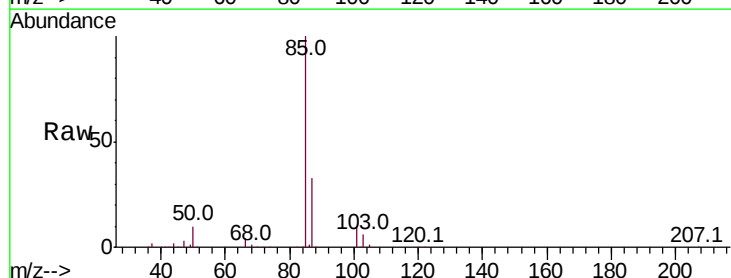
Acq: 24 Oct 2020 07:50

Tgt Ion: 85 Resp: 106589

Ion Ratio Lower Upper

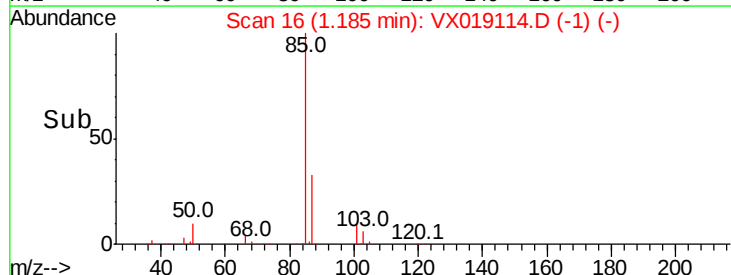
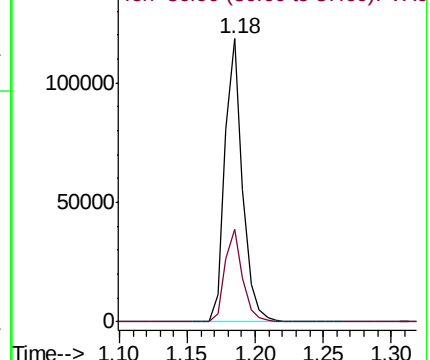
85 100

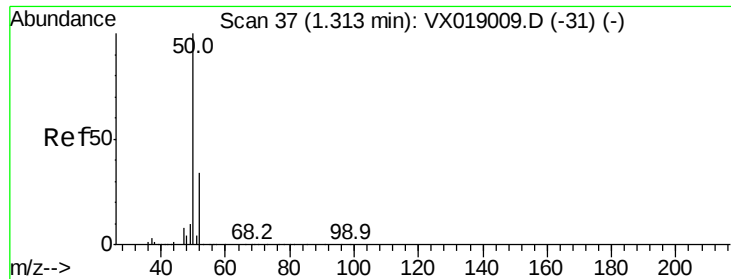
87 32.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.793 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

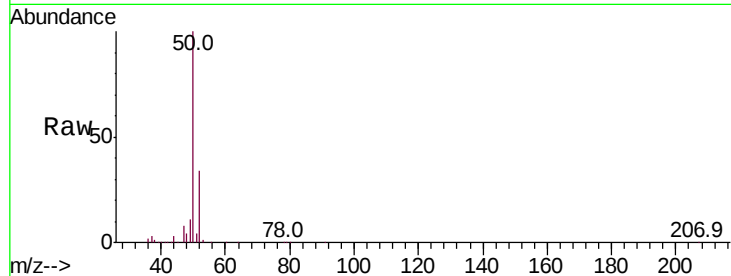
VSTDCCC050EC

Tot Ion: 50 Resp: 94904

Ion Ratio Lower Upper

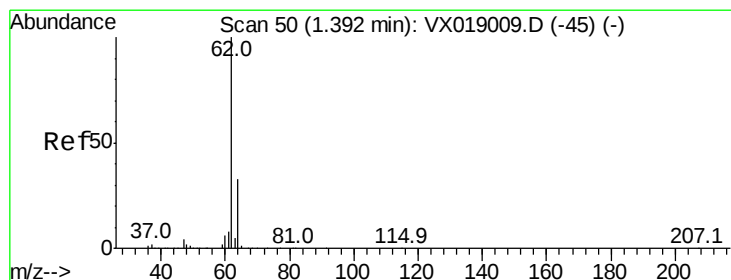
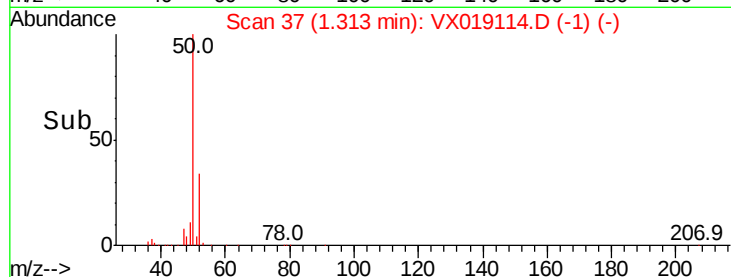
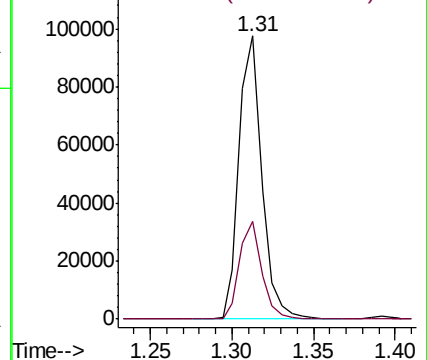
50 100

52 34.4 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: 48.629 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019114.D

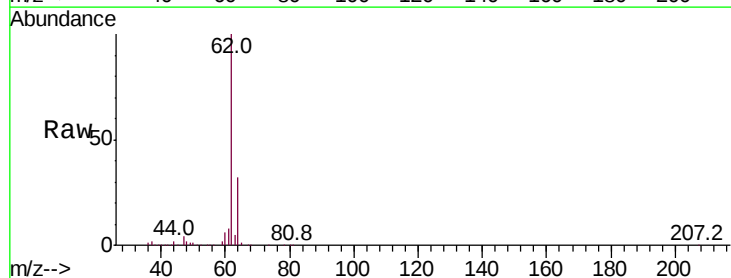
Acq: 24 Oct 2020 07:50

Tgt Ion: 62 Resp: 124349

Ion Ratio Lower Upper

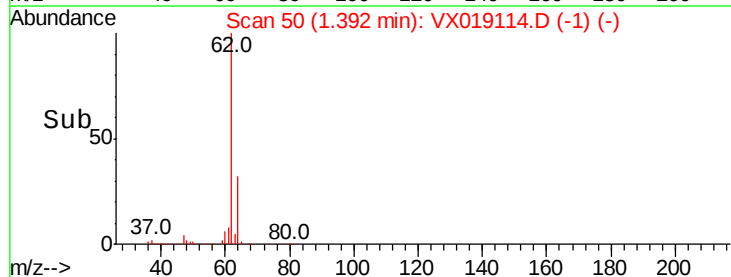
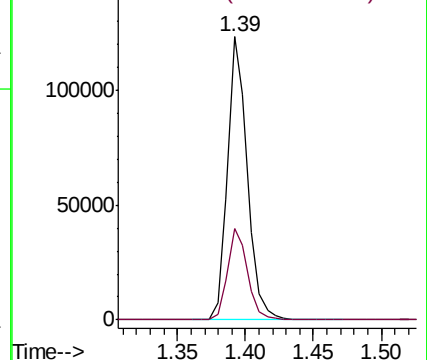
62 100

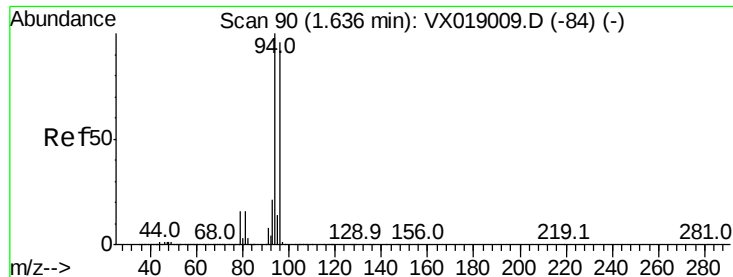
64 32.4 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 31.693 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

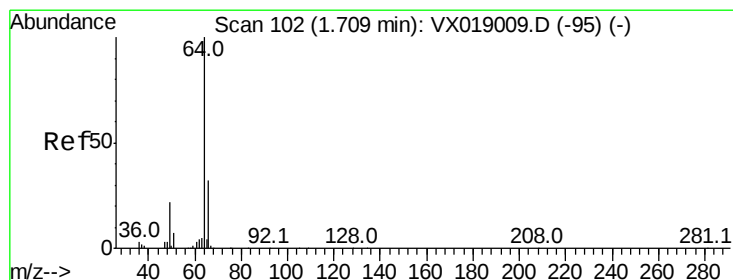
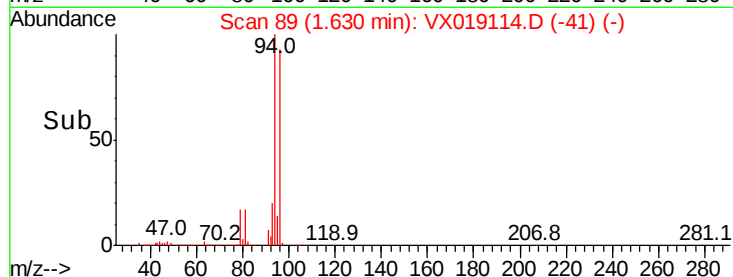
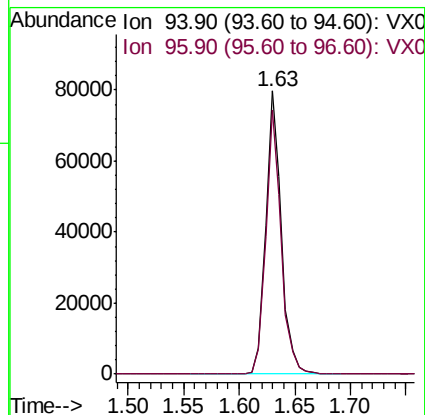
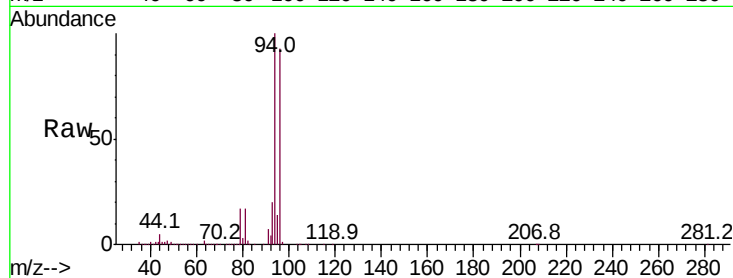
VSTDCCC050EC

Tot Ion: 94 Resp: 78477

Ion Ratio Lower Upper

94 100

96 93.3 77.1 115.7



#6

Chloroethane

Concen: 45.997 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019114.D

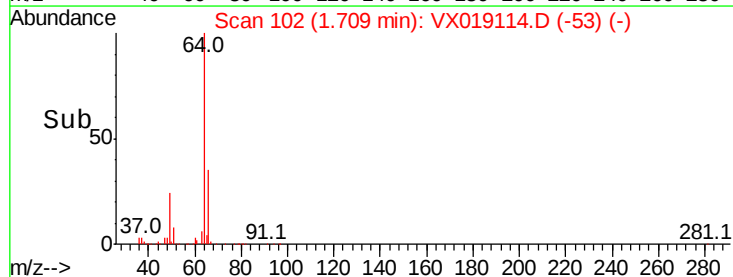
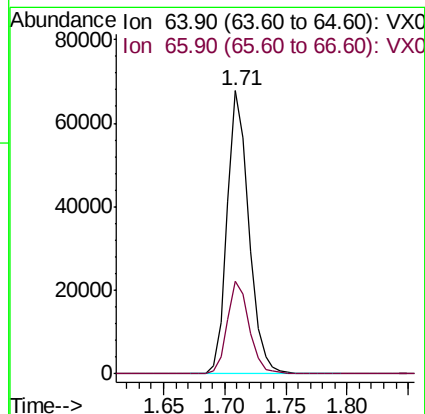
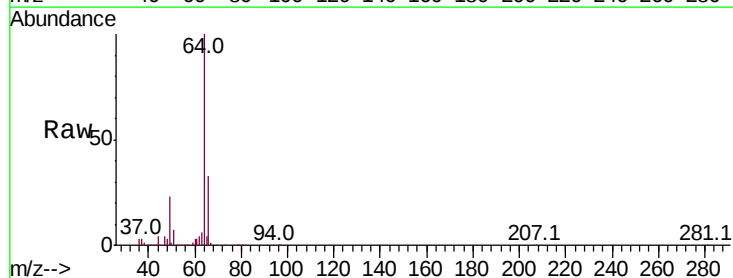
Acq: 24 Oct 2020 07:50

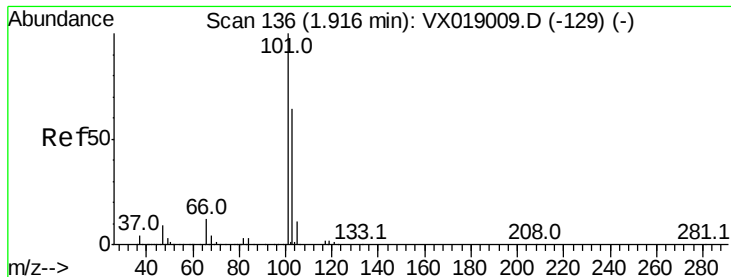
Tgt Ion: 64 Resp: 83146

Ion Ratio Lower Upper

64 100

66 32.6 25.7 38.5



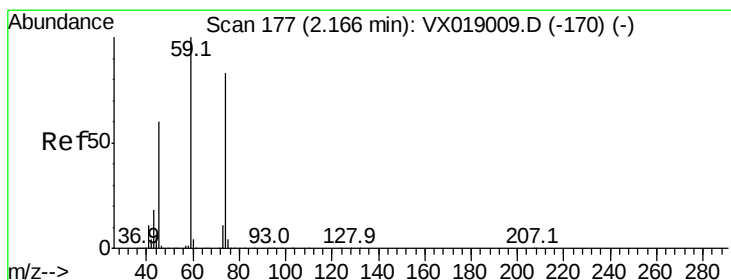
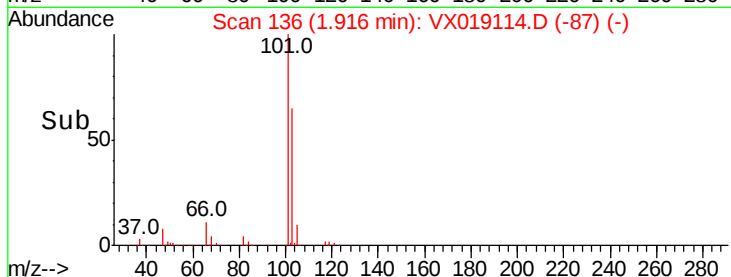
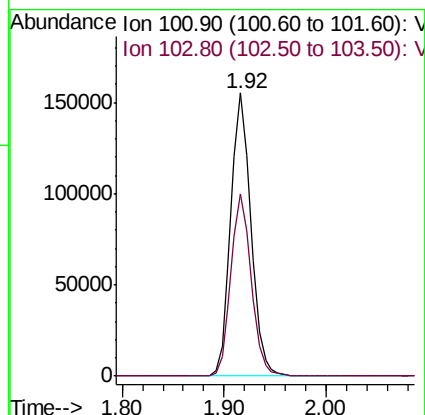
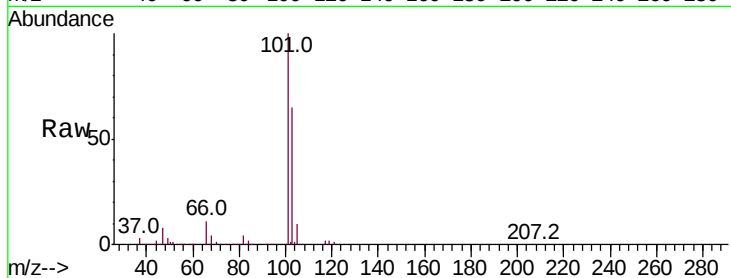


#7

Trichlorofluoromethane
 Concen: 49.066 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

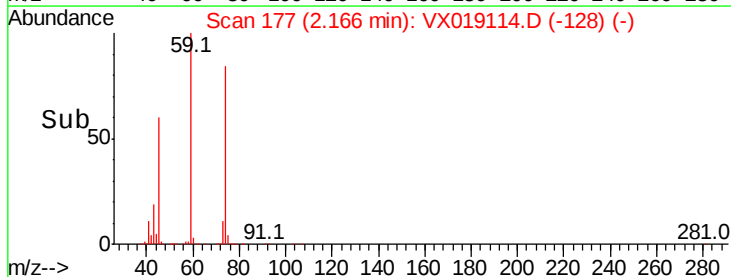
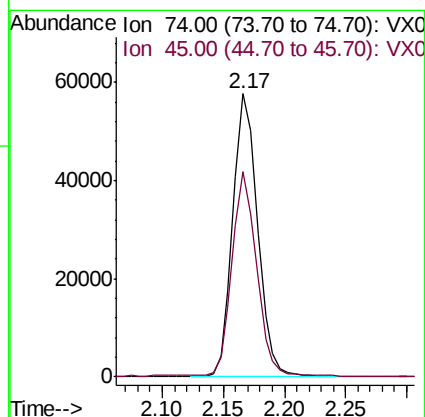
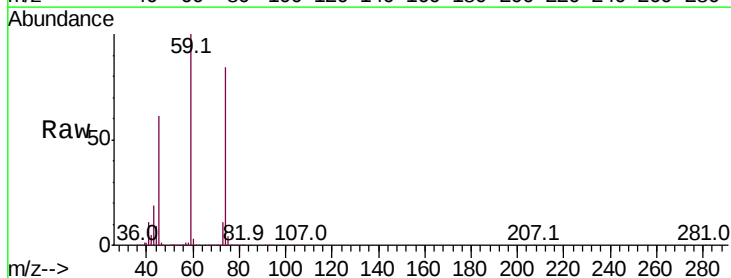
Tot Ion:101 Resp: 212023
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.2 76.8

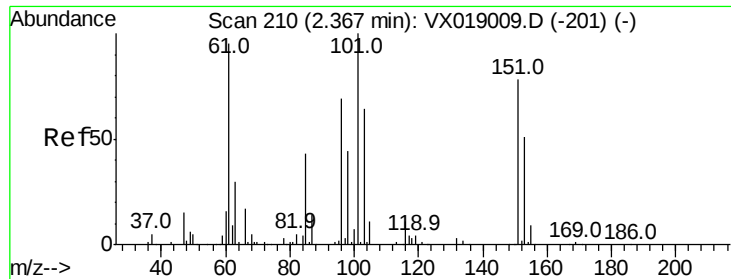


#8

Diethyl Ether
 Concen: 47.837 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Tgt Ion: 74 Resp: 80942
 Ion Ratio Lower Upper
 74 100
 45 72.2 36.8 110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.240 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

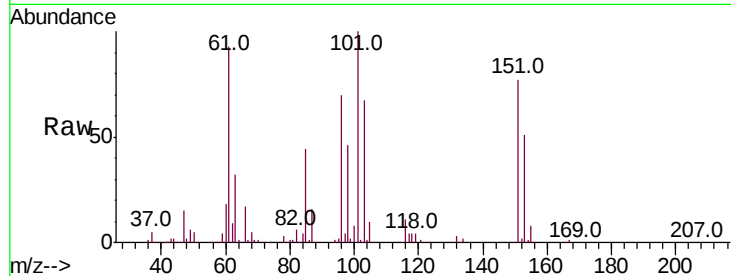
Tot Ion:101 Resp: 98754

Ion Ratio Lower Upper

101 100

85 44.5 35.2 52.8

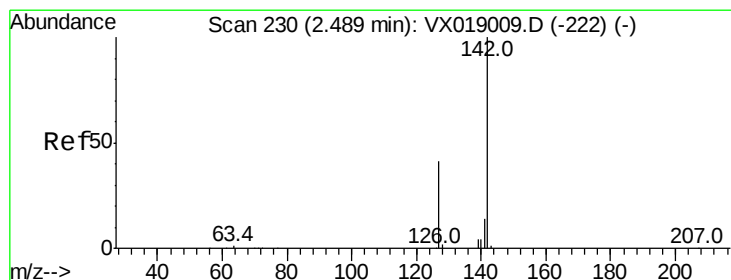
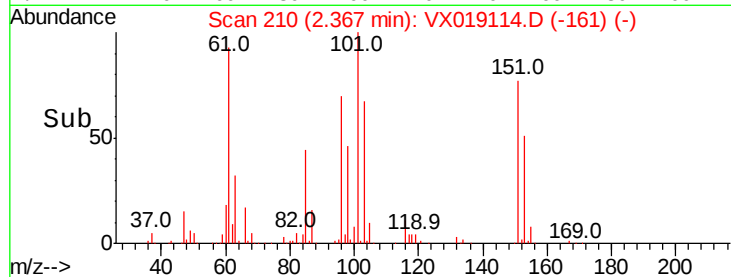
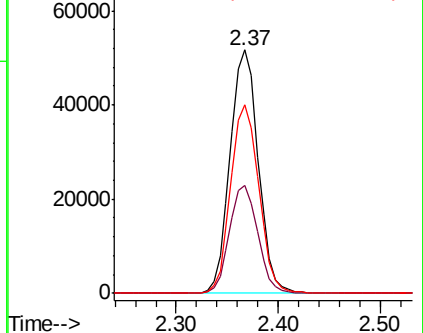
151 77.5 62.4 93.6



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: 37.396 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

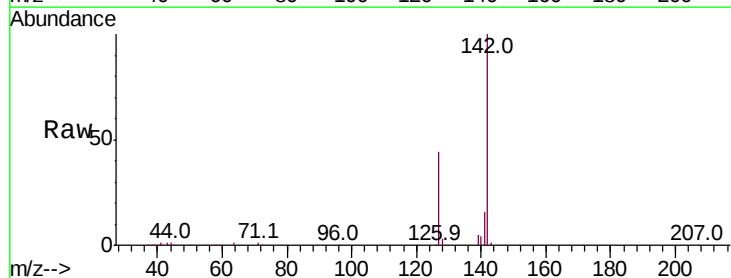
Tgt Ion:142 Resp: 104114

Ion Ratio Lower Upper

142 100

127 43.5 33.6 50.4

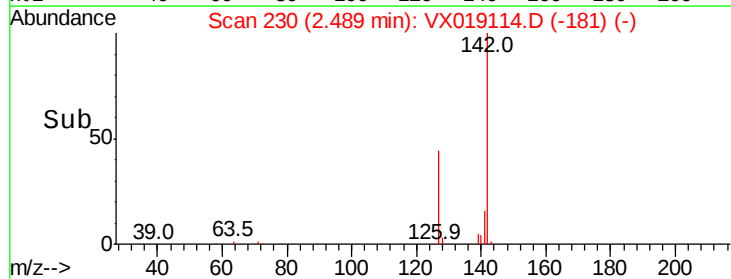
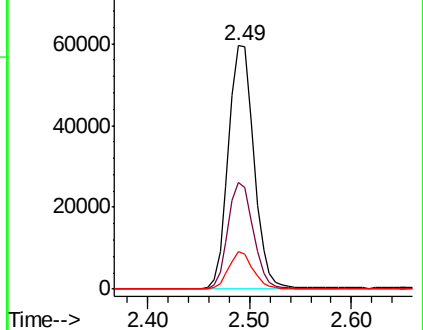
141 14.6 11.2 16.8

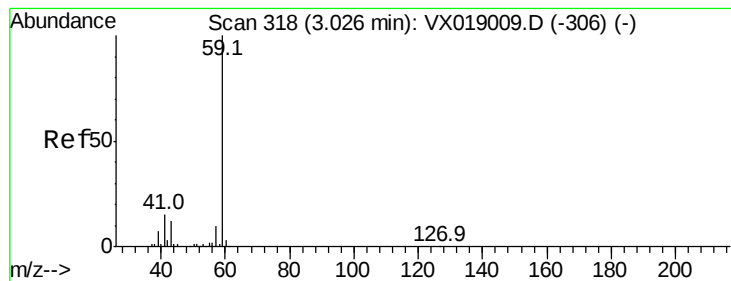


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



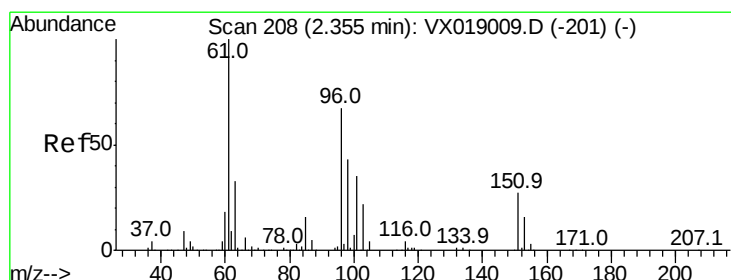
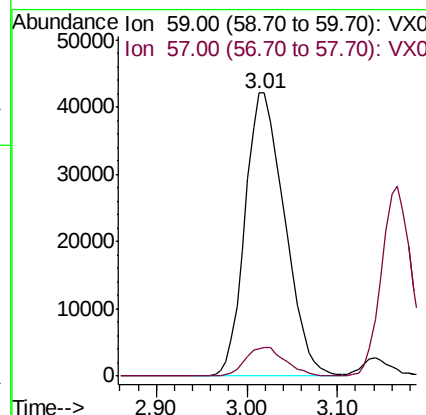
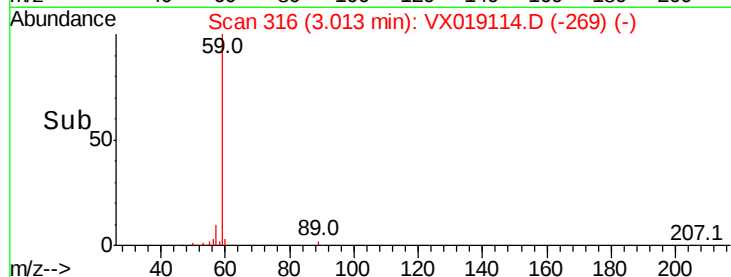
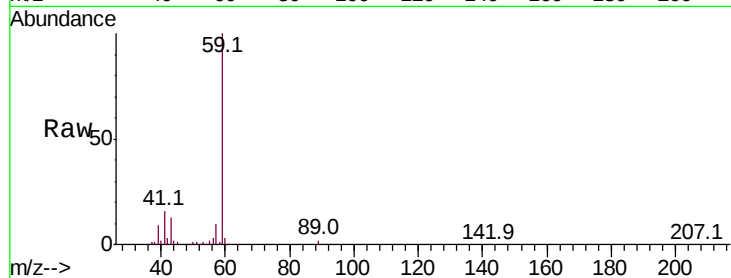


#11

Tert butyl alcohol
 Concen: 240.751 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

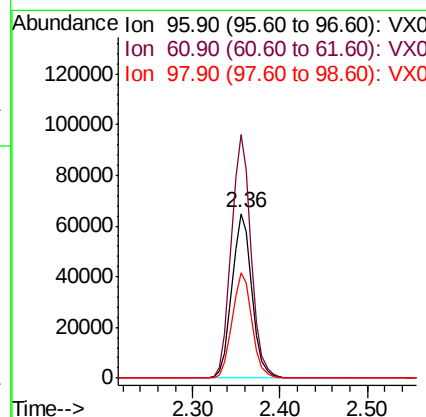
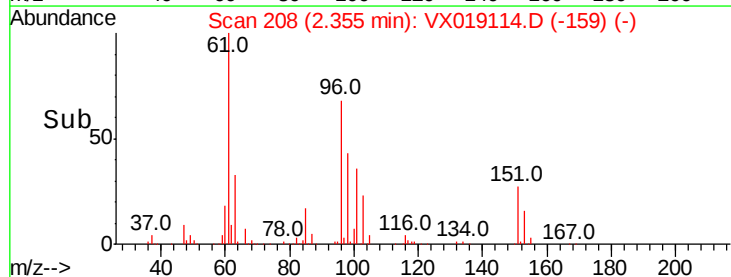
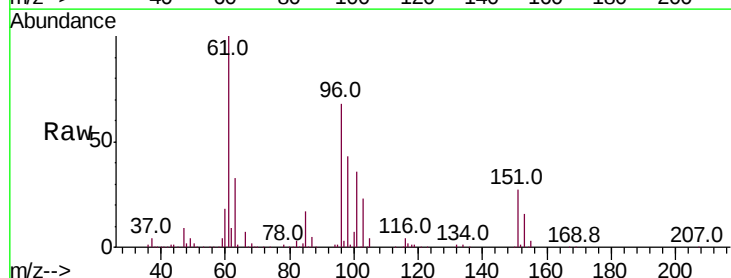
Tot Ion: 59 Resp: 127803
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

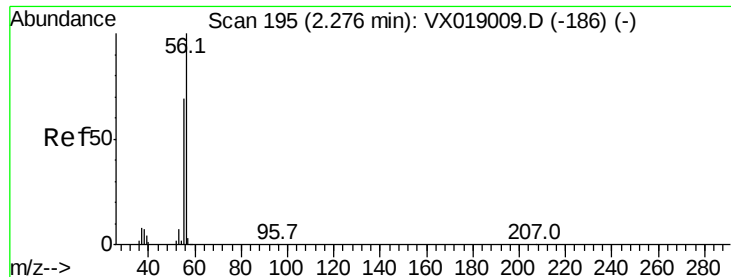


#12

1,1-Dichloroethene
 Concen: 48.262 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Tgt Ion: 96 Resp: 102787
 Ion Ratio Lower Upper
 96 100
 61 147.7 119.0 178.6
 98 64.2 51.0 76.4





#13

Acrolein

Concen: 262.445 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

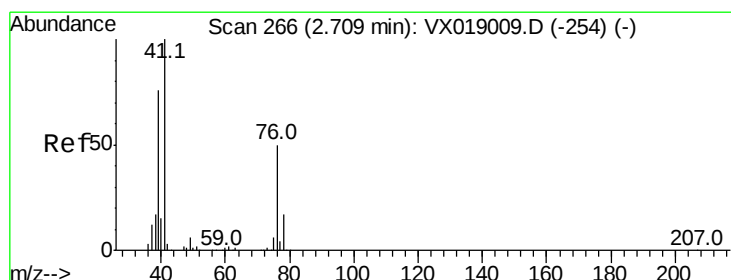
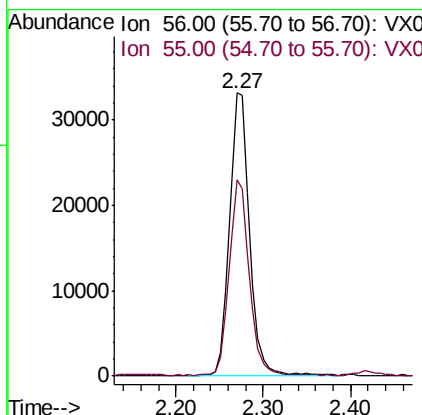
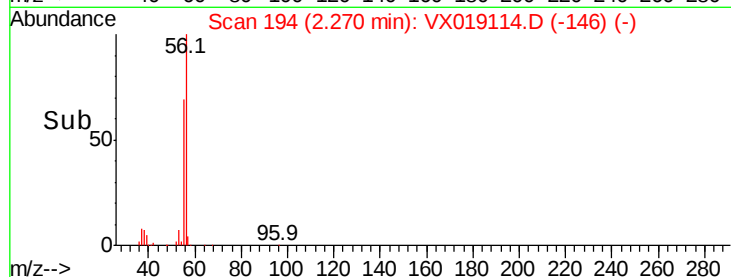
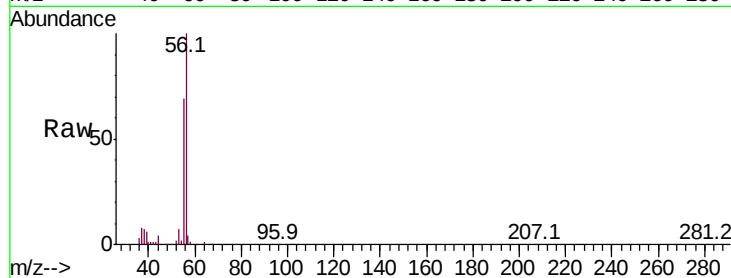
VSTDCCC050EC

Tot Ion: 56 Resp: 52679

Ion Ratio Lower Upper

56 100

55 68.4 54.2 81.4



#14

Allyl chloride

Concen: 45.885 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

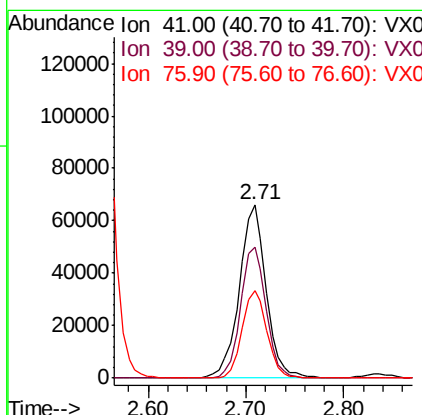
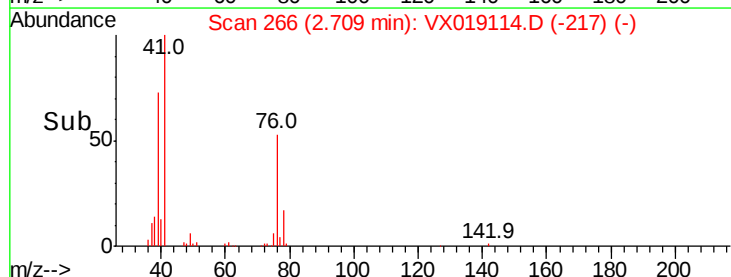
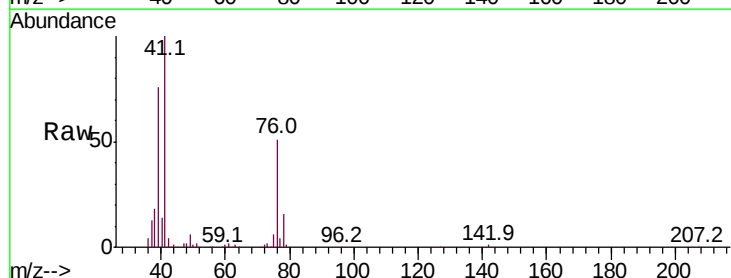
Tgt Ion: 41 Resp: 126423

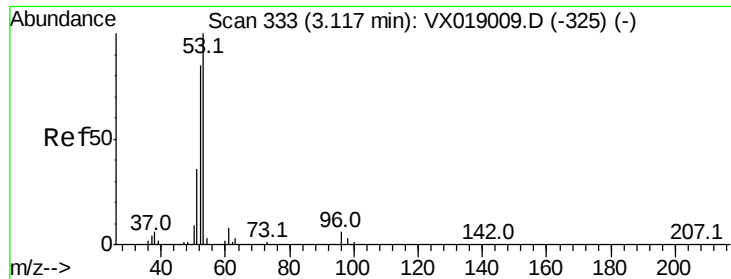
Ion Ratio Lower Upper

41 100

39 71.7 57.4 86.0

76 46.9 37.7 56.5





#15

Acrylonitrile

Concen: 238.923 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

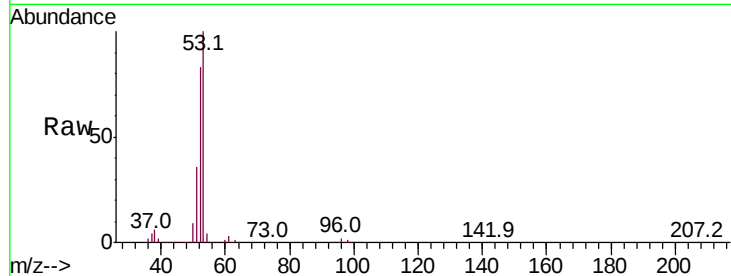
Tot Ion: 53 Resp: 245262

Ion Ratio Lower Upper

53 100

52 81.9 65.9 98.9

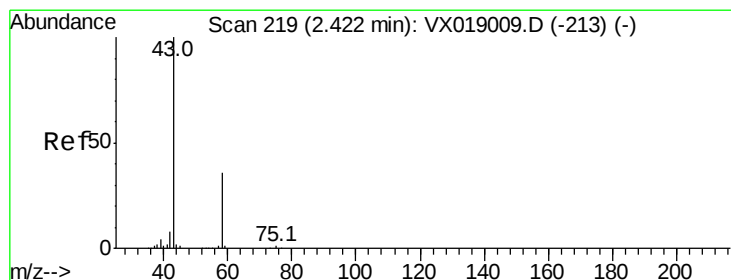
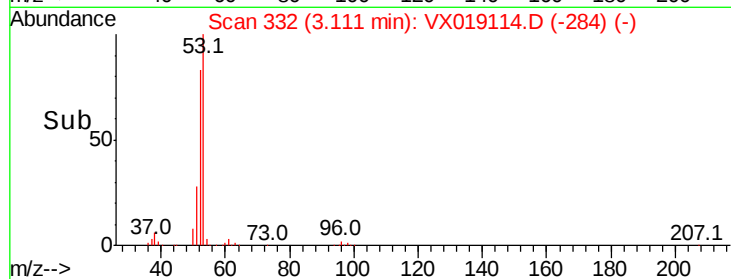
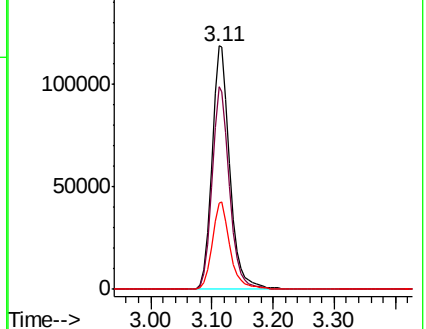
51 36.0 28.3 42.5



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: 232.720 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019114.D

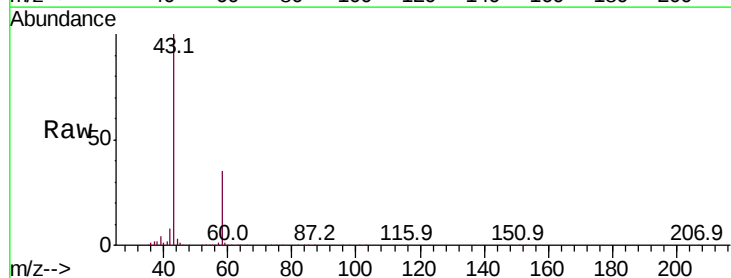
Acq: 24 Oct 2020 07:50

Tgt Ion: 43 Resp: 207764

Ion Ratio Lower Upper

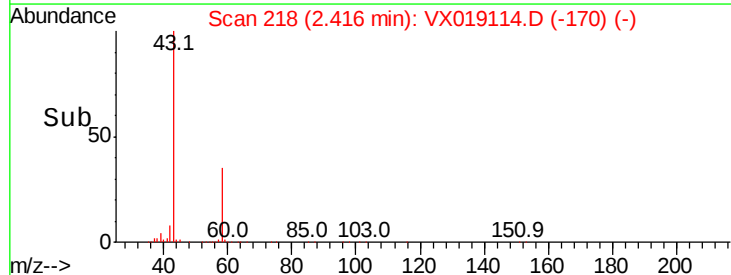
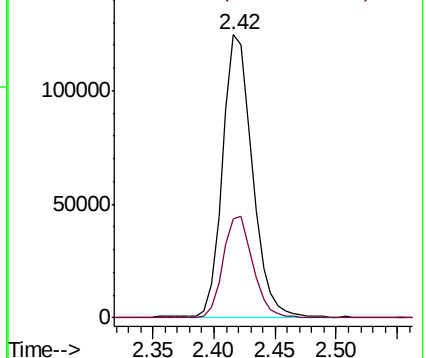
43 100

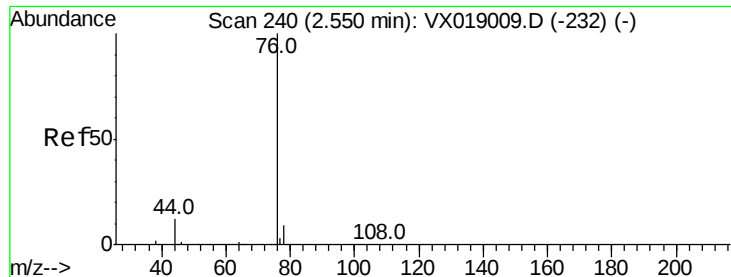
58 35.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

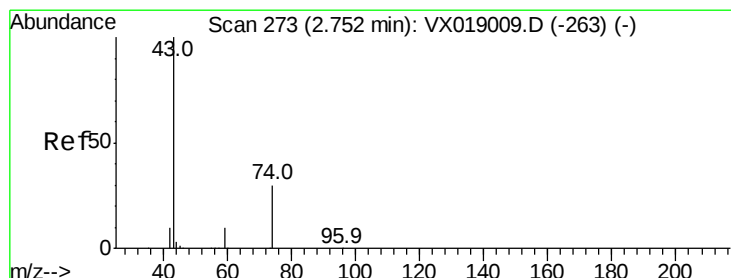
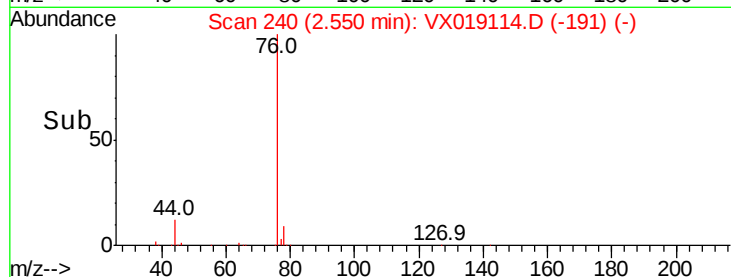
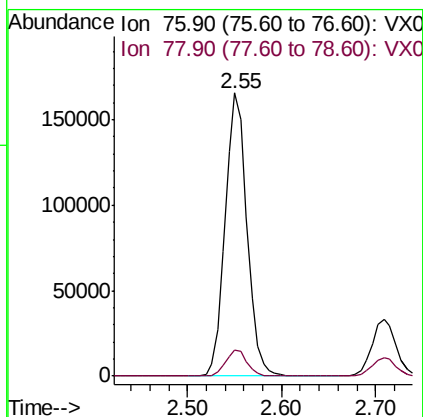
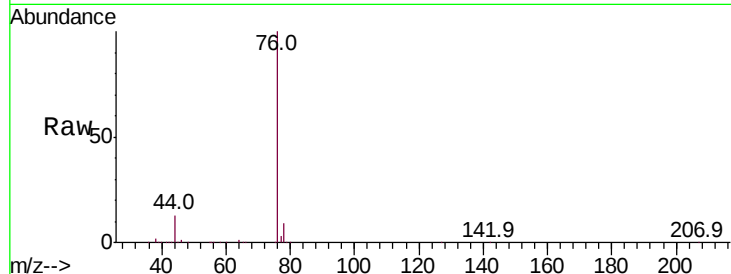




#17
Carbon Disulfide
Concen: 43.247 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

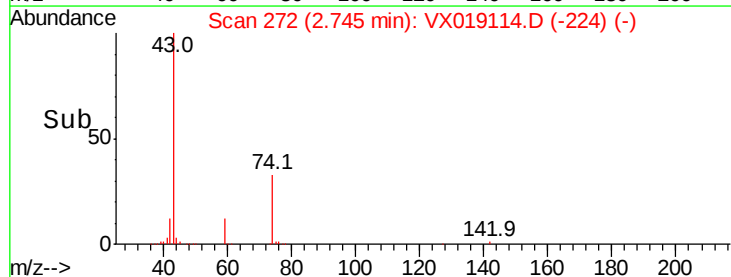
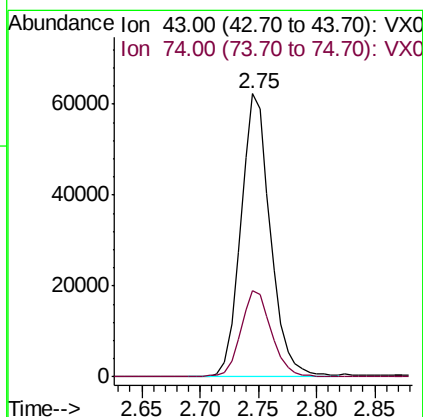
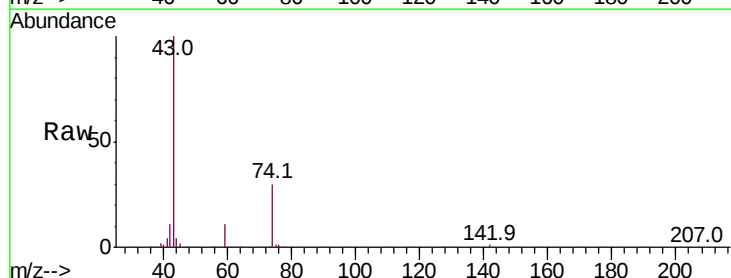
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

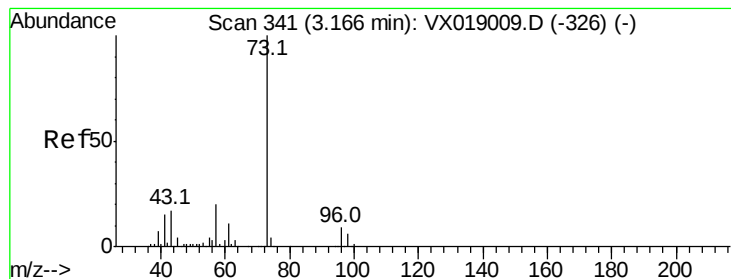
Tot Ion: 76 Resp: 265642
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 49.364 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion: 43 Resp: 109359
Ion Ratio Lower Upper
43 100
74 32.0 24.9 37.3



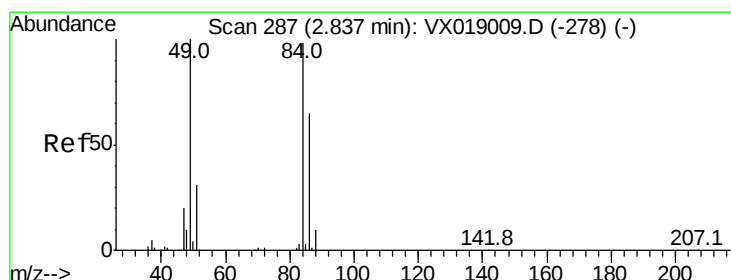
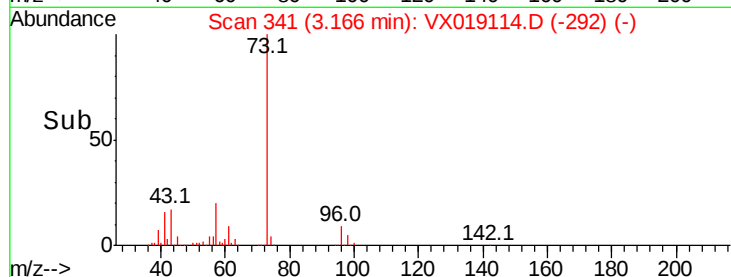
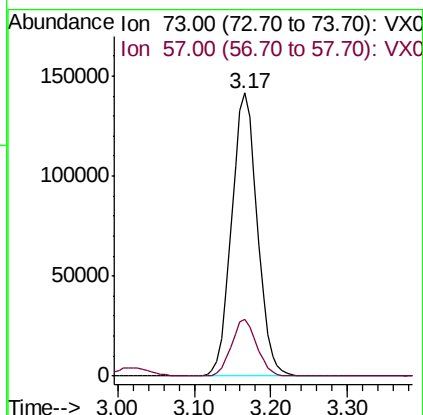
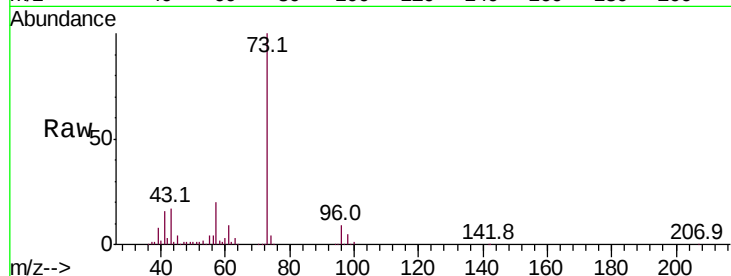


#19

Methyl tert-butyl Ether
 Concen: 48.785 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

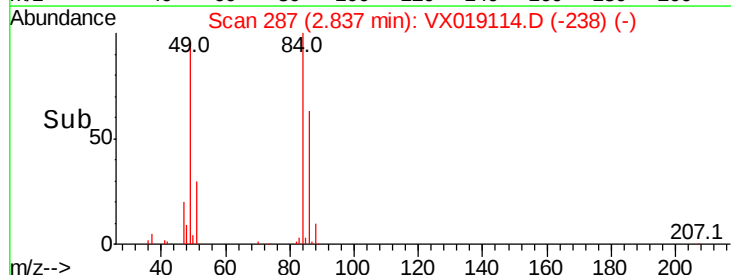
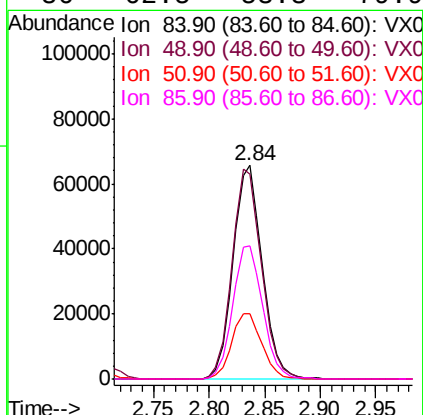
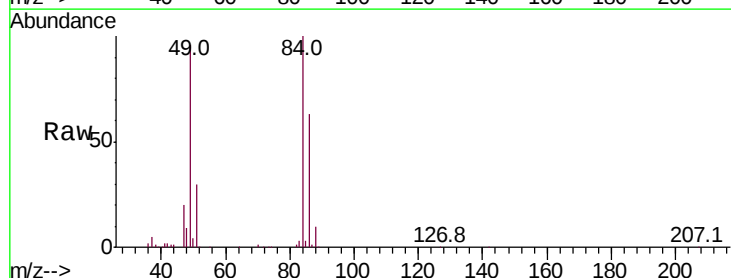
Tot Ion: 73 Resp: 329126
 Ion Ratio Lower Upper
 73 100
 57 20.0 16.2 24.2

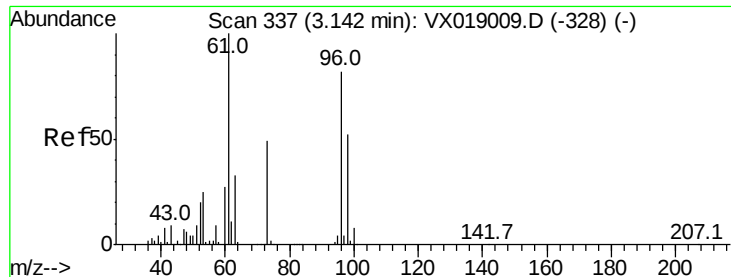


#20

Methylene Chloride
 Concen: 47.874 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Tgt Ion: 84 Resp: 118987
 Ion Ratio Lower Upper
 84 100
 49 95.9 81.6 122.4
 51 30.3 25.6 38.4
 86 62.5 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 47.628 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

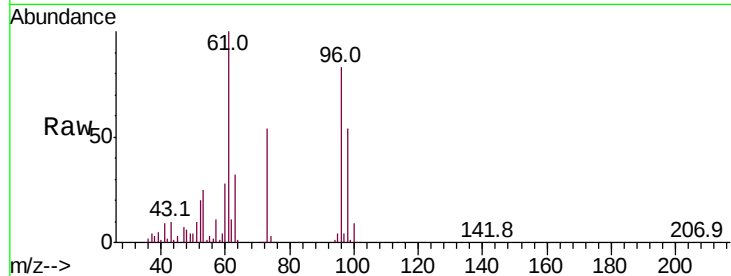
Tot Ion: 96 Resp: 118366

Ion Ratio Lower Upper

96 100

61 120.6 97.8 146.6

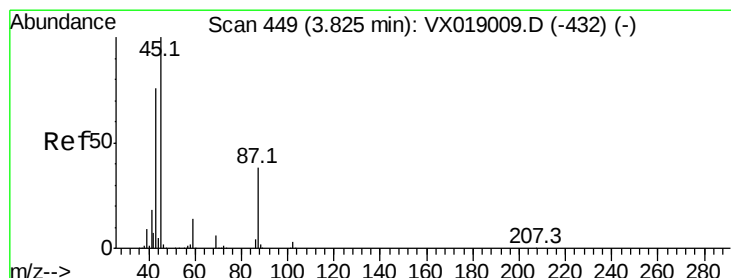
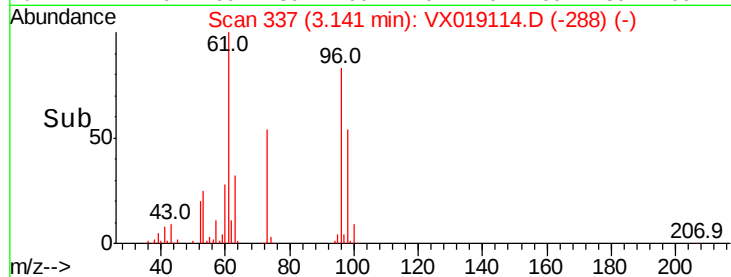
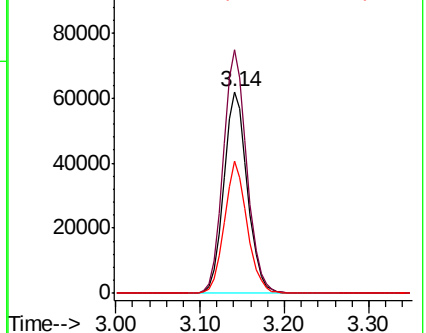
98 65.4 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.952 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Tgt Ion: 45 Resp: 265956

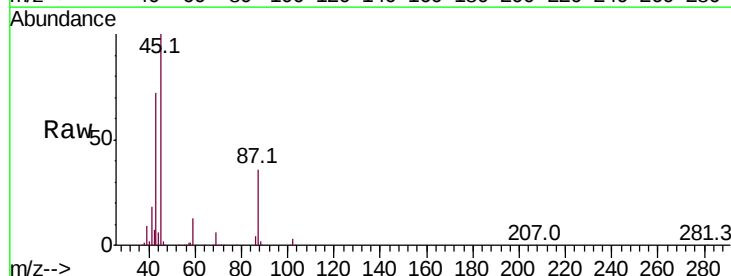
Ion Ratio Lower Upper

45 100

43 71.6 60.4 90.6

87 36.4 30.4 45.6

59 13.4 11.2 16.8

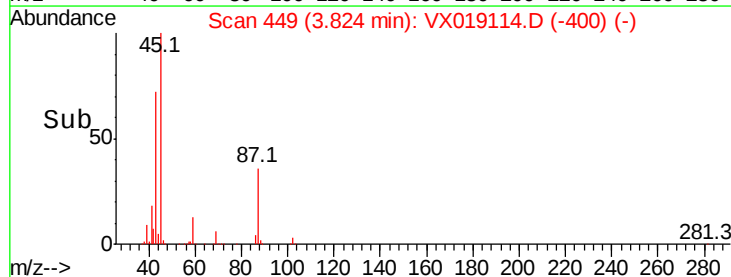
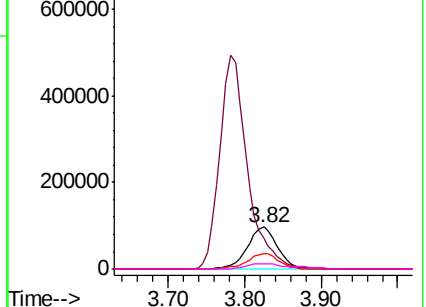


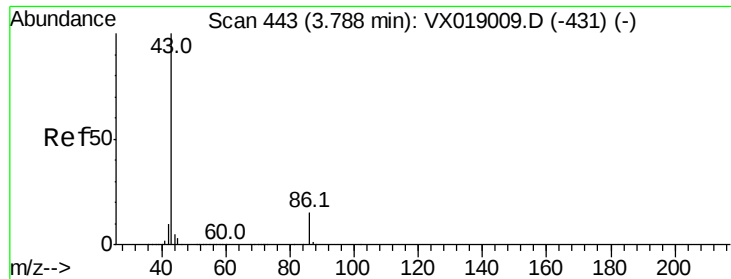
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

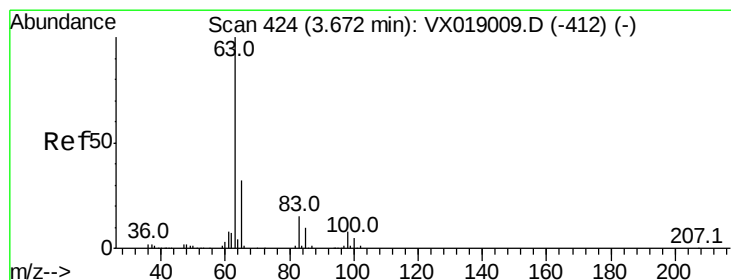
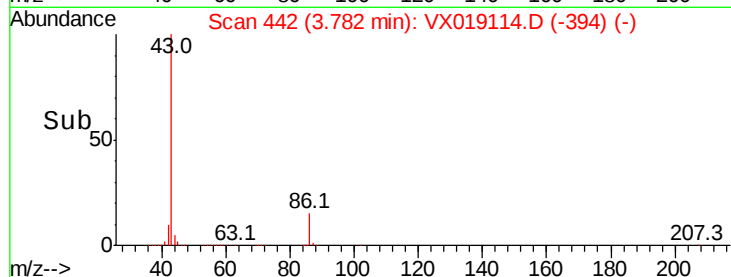
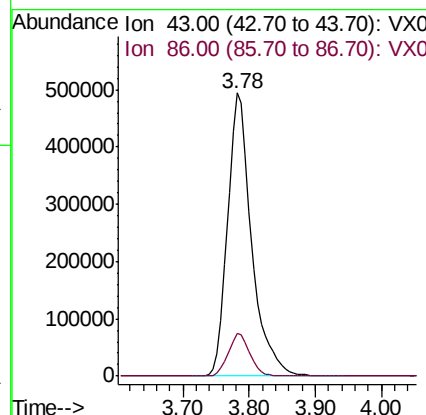
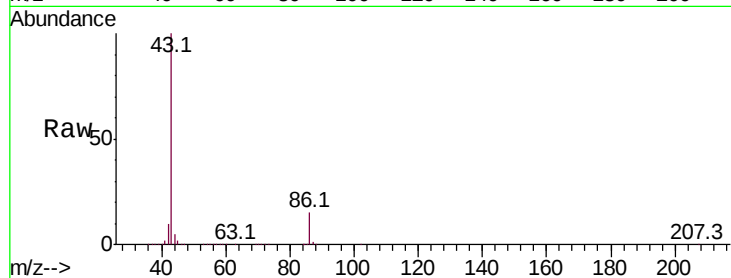




#23
 Vinyl Acetate
 Concen: 241.059 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

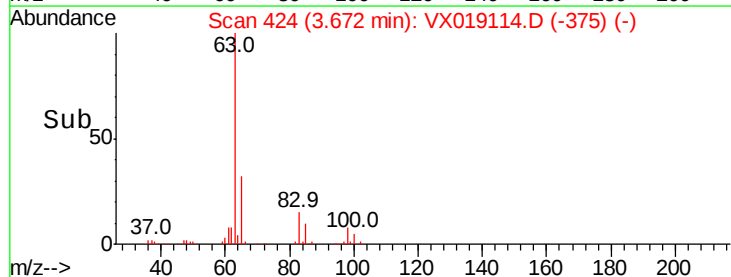
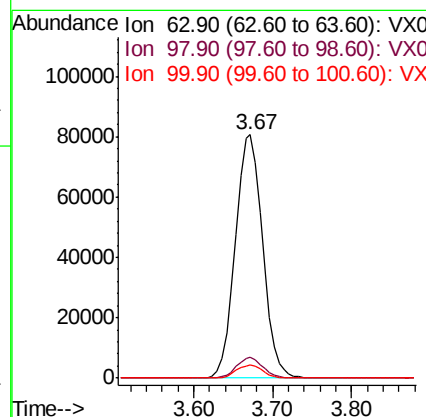
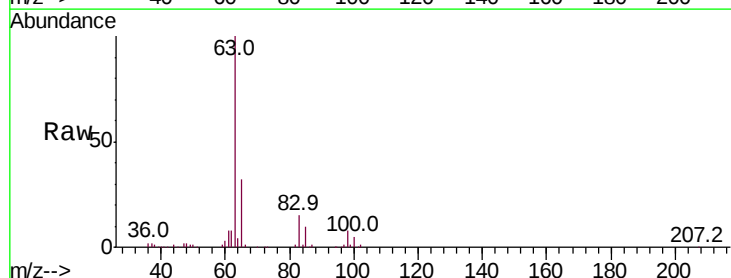
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

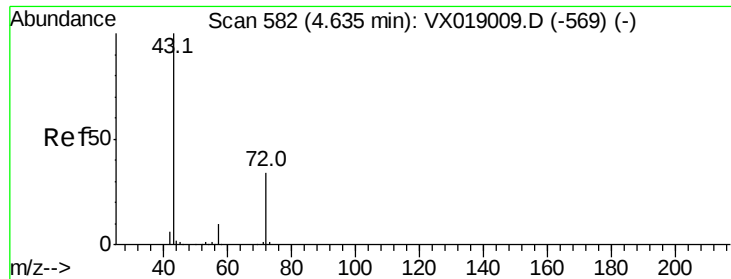
Tot Ion: 43 Resp: 1243605
 Ion Ratio Lower Upper
 43 100
 86 15.1 11.7 17.5



#24
 1,1-Dichloroethane
 Concen: 49.047 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Tgt Ion: 63 Resp: 194060
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 12.0
 100 5.5 2.5 7.4





#25

2-Butanone

Concen: 237.448 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

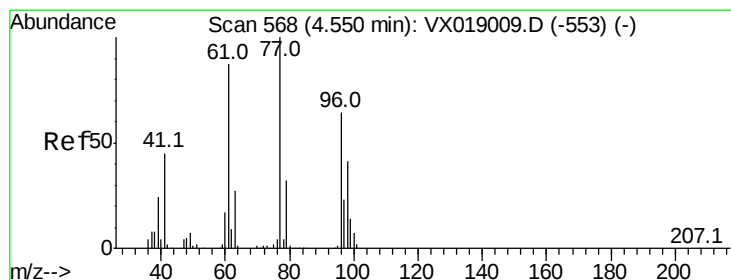
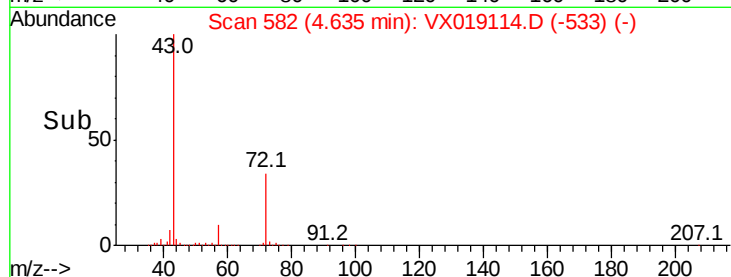
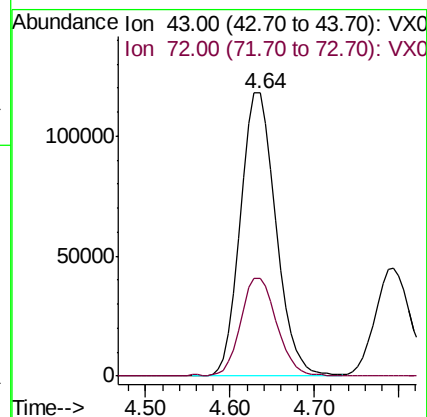
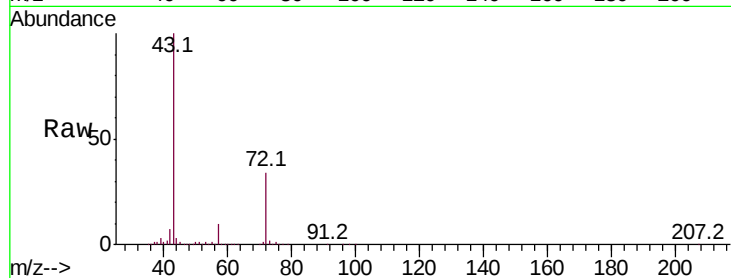
VSTDCCC050EC

Tot Ion: 43 Resp: 334954

Ion Ratio Lower Upper

43 100

72 34.3 27.8 41.6



#26

2,2-Dichloropropane

Concen: 36.252 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX019114.D

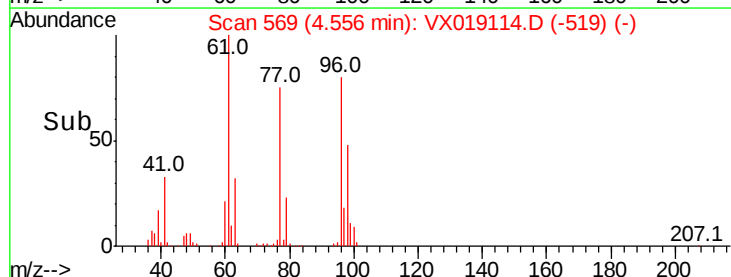
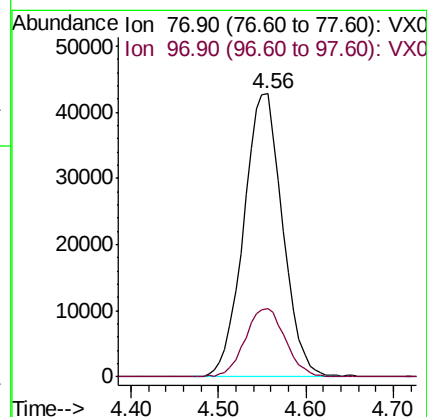
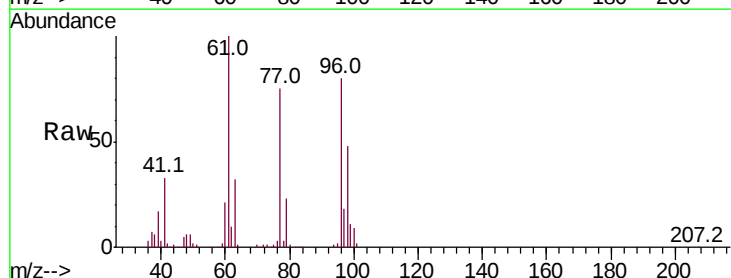
Acq: 24 Oct 2020 07:50

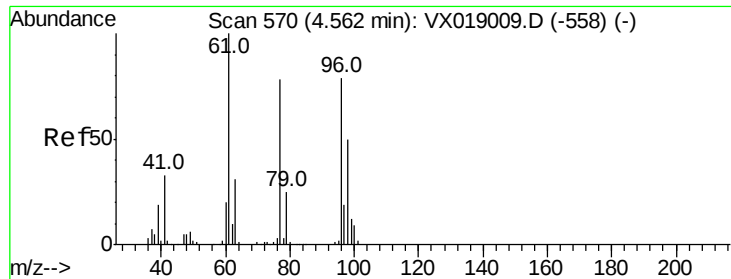
Tgt Ion: 77 Resp: 132434

Ion Ratio Lower Upper

77 100

97 24.9 11.9 35.7



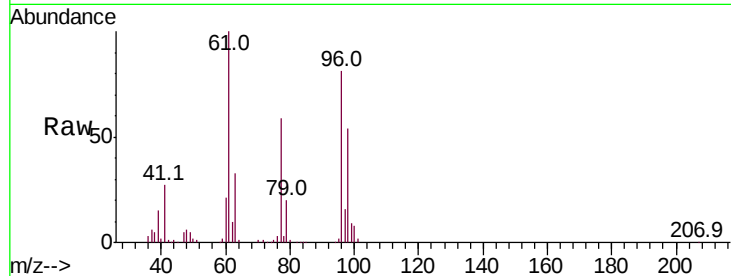


#27

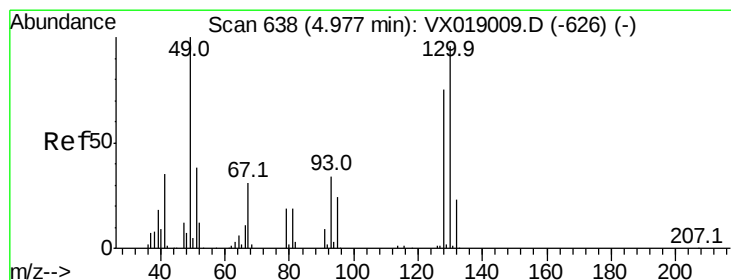
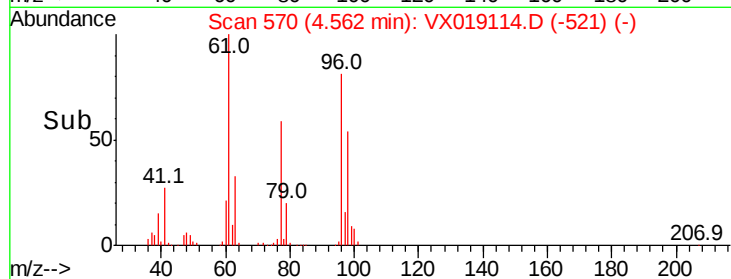
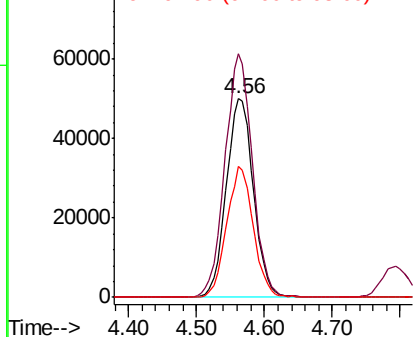
cis-1,2-Dichloroethene
Concen: 49.136 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 138584
Ion Ratio Lower Upper
96 100
61 124.1 0.0 260.0
98 64.5 0.0 131.4



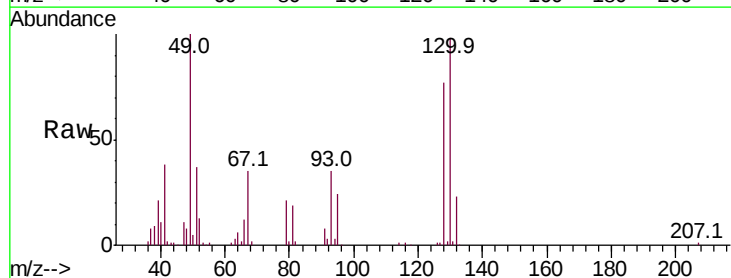
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



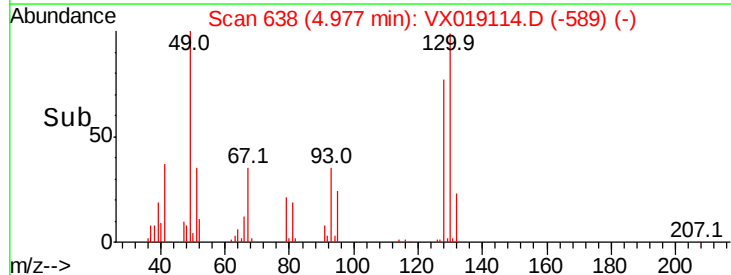
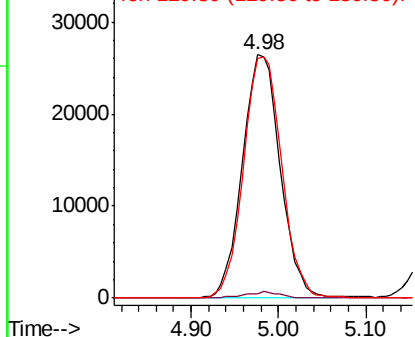
#28

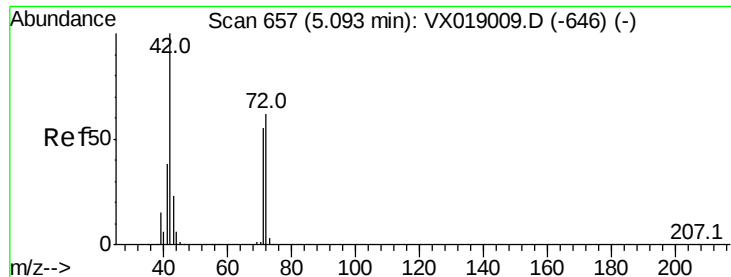
Bromochloromethane
Concen: 47.528 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion: 49 Resp: 79852
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.2
130 99.9 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

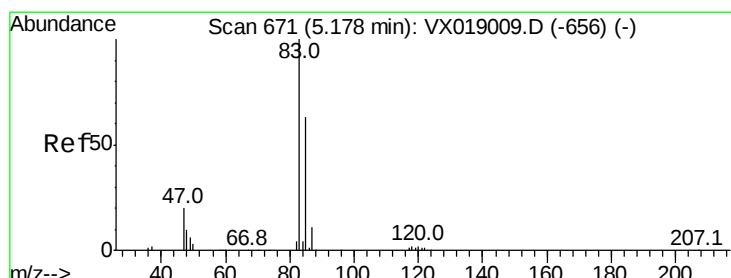
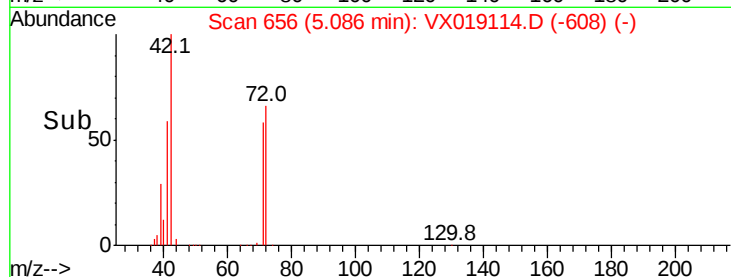
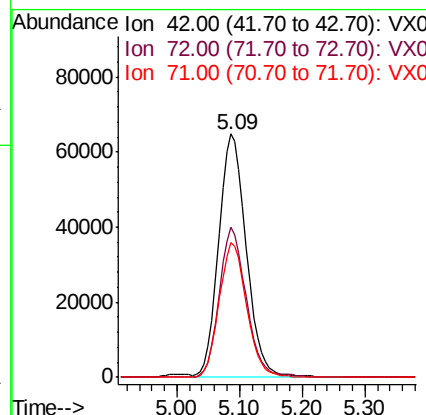
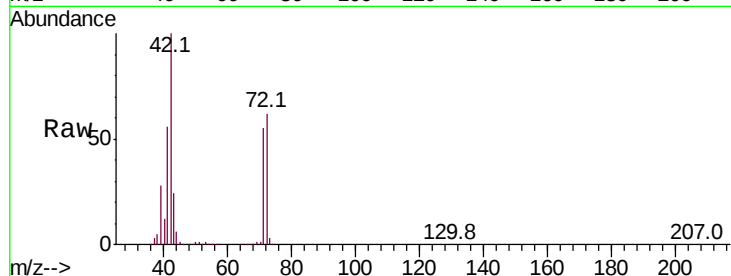




#29
Tetrahydrofuran
Concen: 233.054 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

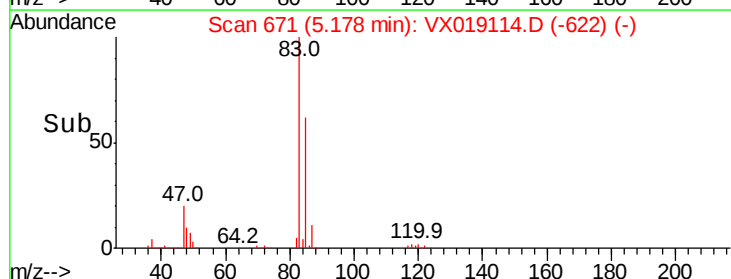
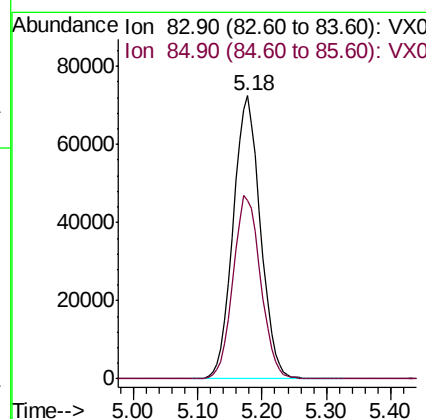
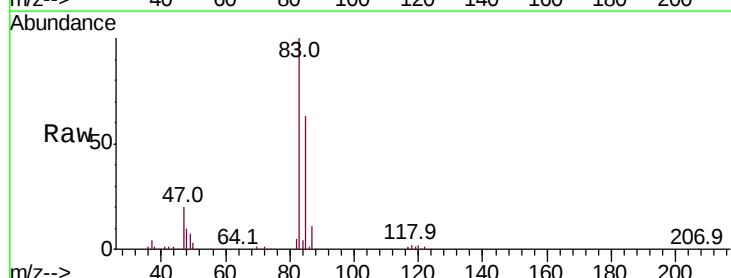
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

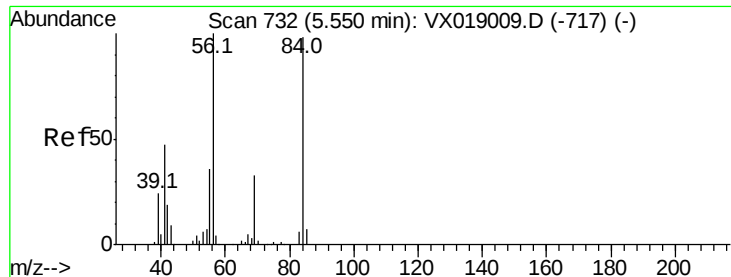
Tot Ion: 42 Resp: 196497
Ion Ratio Lower Upper
42 100
72 60.9 49.1 73.7
71 55.3 44.2 66.4



#30
Chloroform
Concen: 49.948 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion: 83 Resp: 214560
Ion Ratio Lower Upper
83 100
85 63.2 50.5 75.7

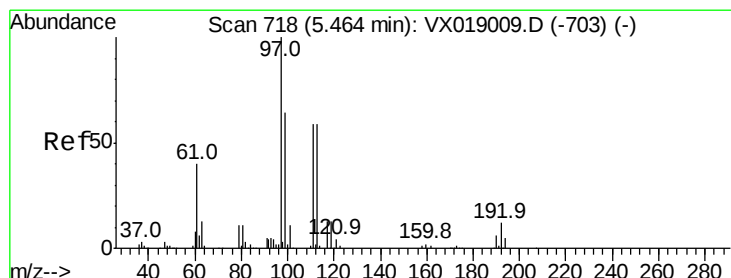
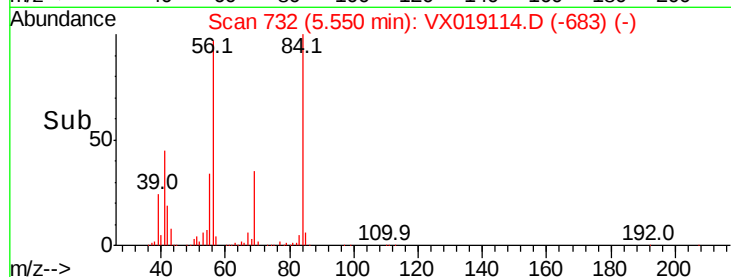
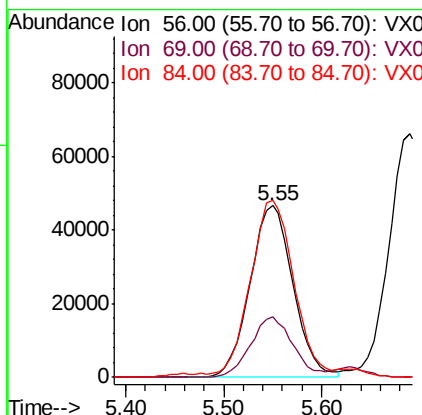
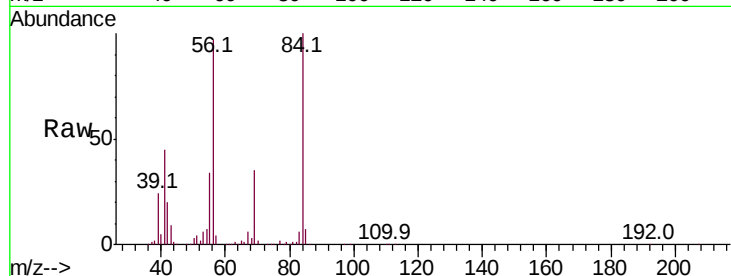




#31
Cyclohexane
Concen: 46.811 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

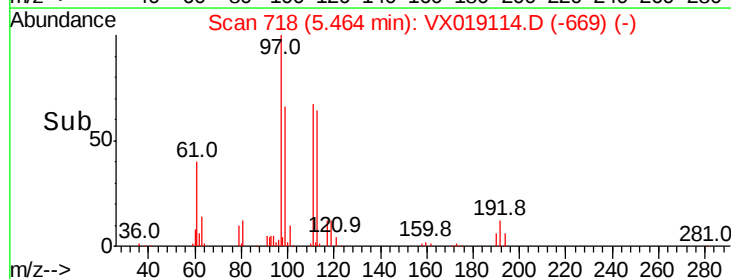
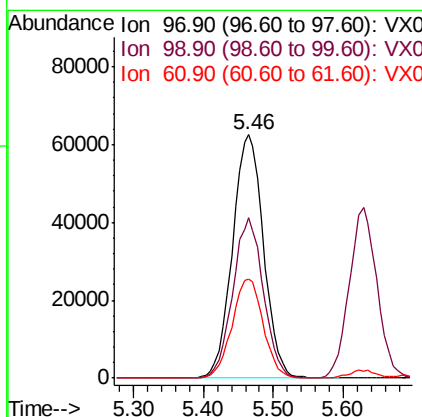
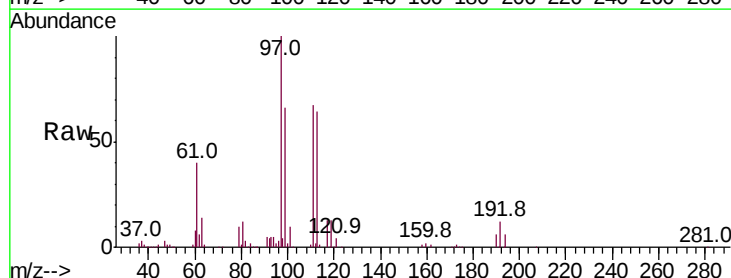
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

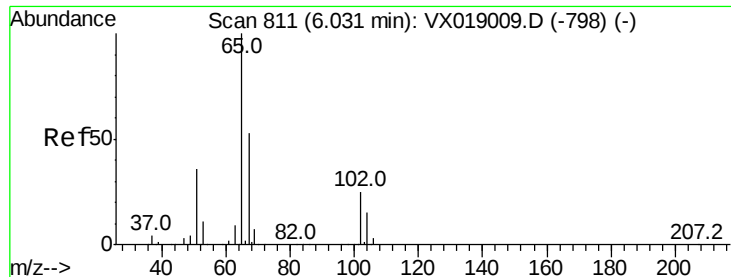
Tot Ion: 56 Resp: 143680
Ion Ratio Lower Upper
56 100
69 35.6 26.2 39.2
84 101.0 78.3 117.5



#32
1,1,1-Trichloroethane
Concen: 49.341 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion: 97 Resp: 192230
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 40.9 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 48.962 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

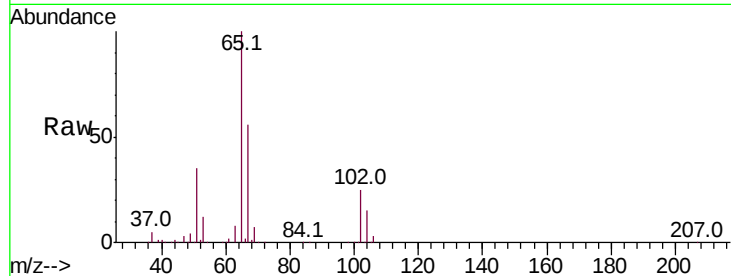
VSTDCCC050EC

Tot Ion: 65 Resp: 128333

Ion Ratio Lower Upper

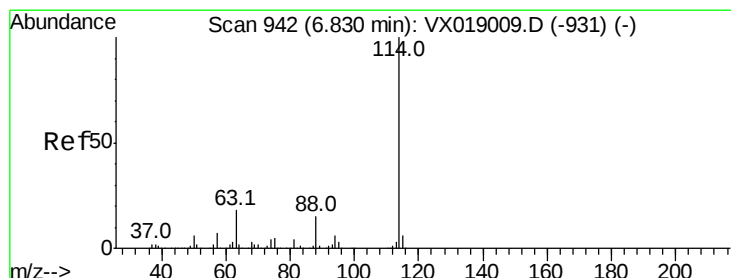
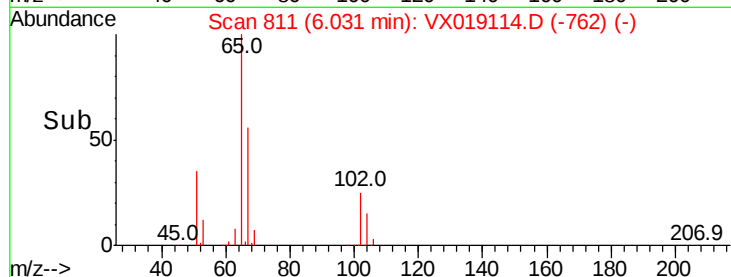
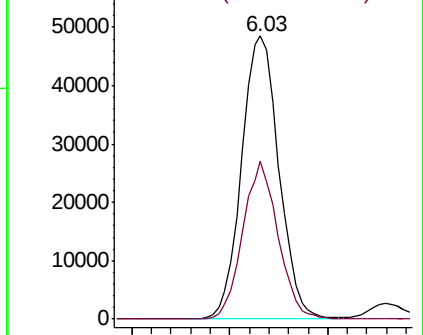
65 100

67 52.9 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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

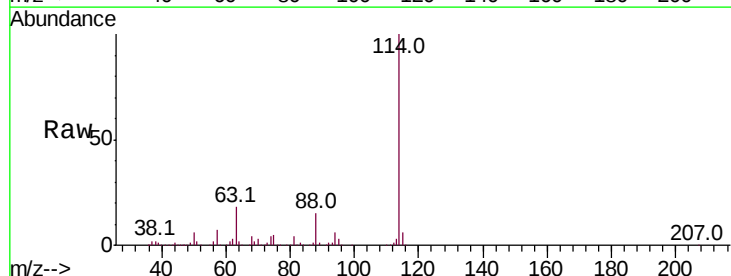
Tgt Ion: 114 Resp: 372075

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

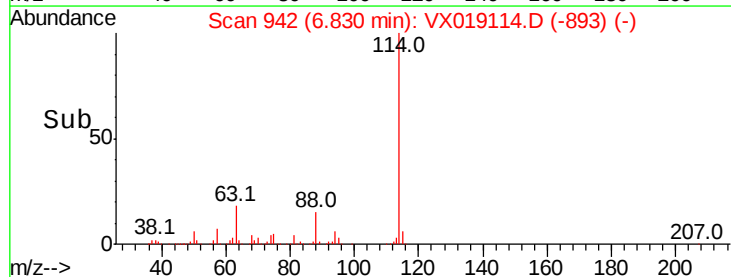
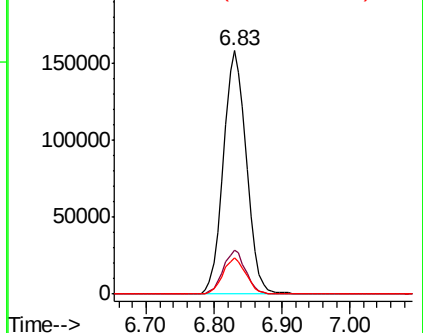
88 14.9 0.0 30.2

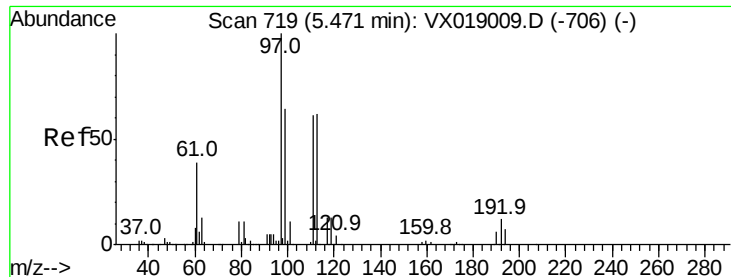


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.421 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

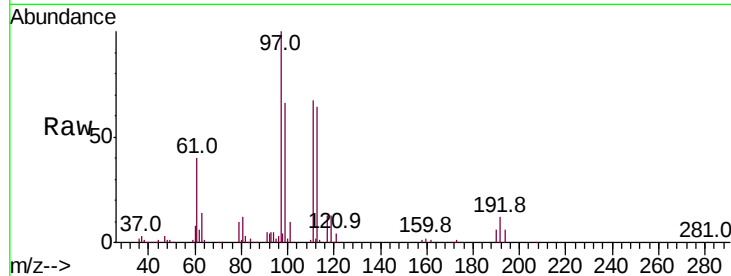
Tot Ion:113 Resp: 114067

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

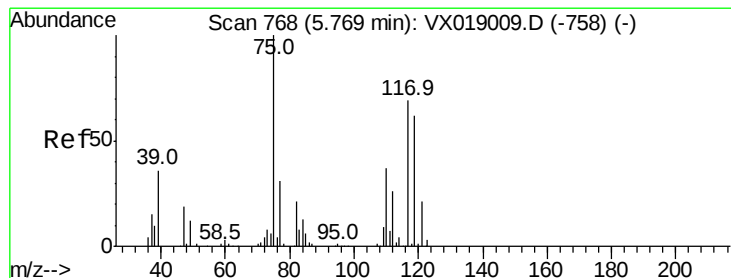
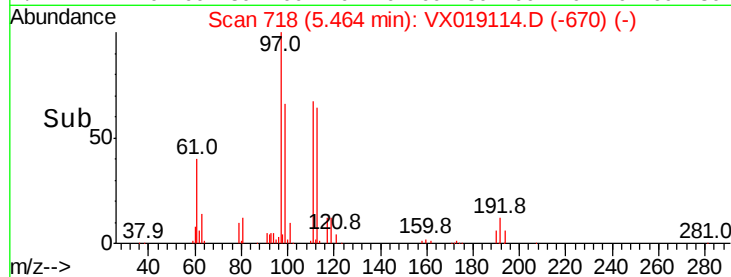
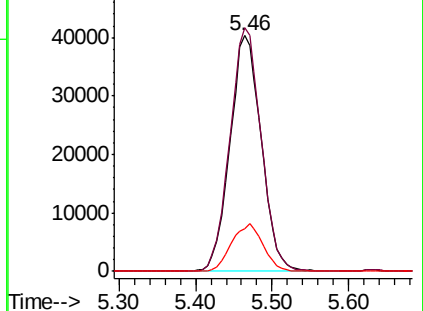
192 20.3 16.3 24.5



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: 47.780 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

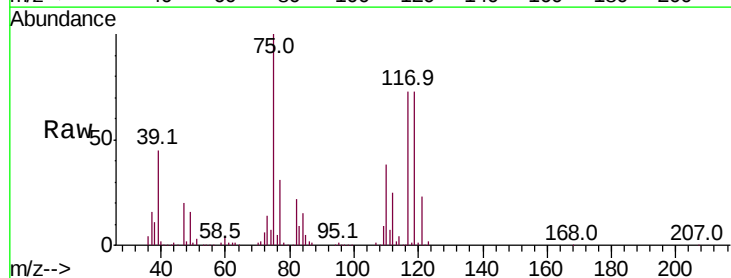
Tgt Ion: 75 Resp: 159518

Ion Ratio Lower Upper

75 100

110 38.2 19.4 58.2

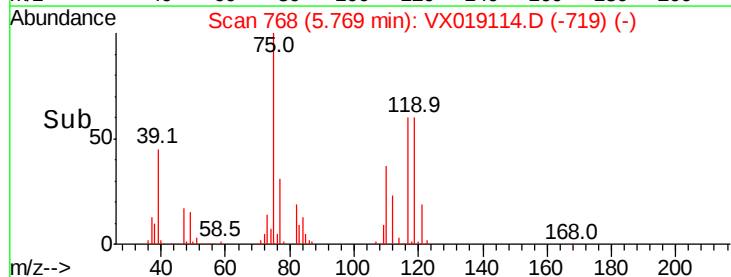
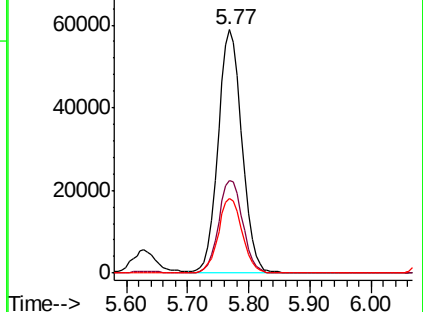
77 30.8 25.2 37.8

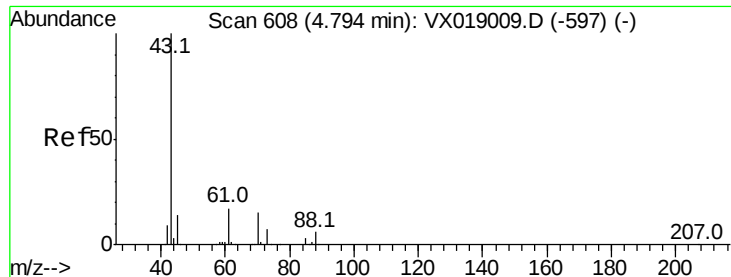


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

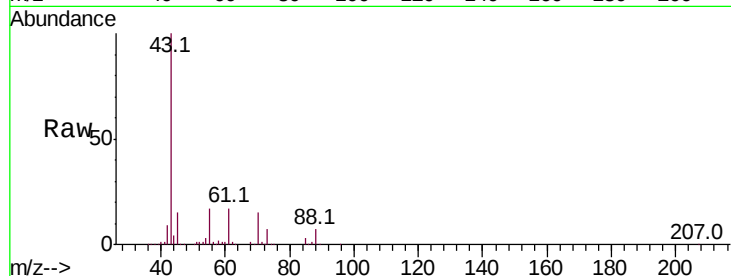




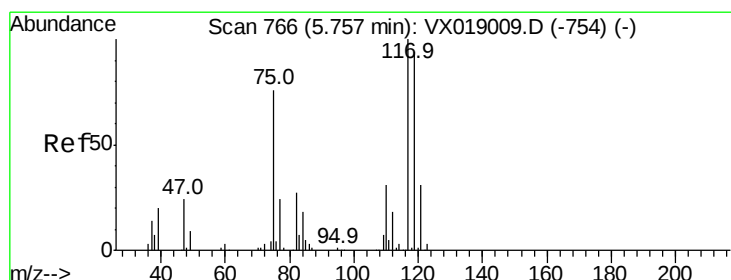
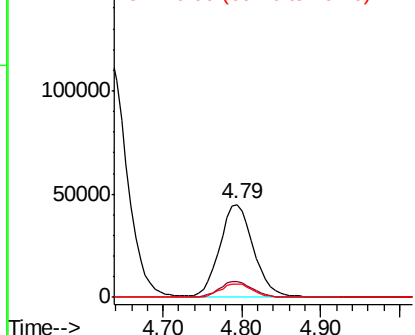
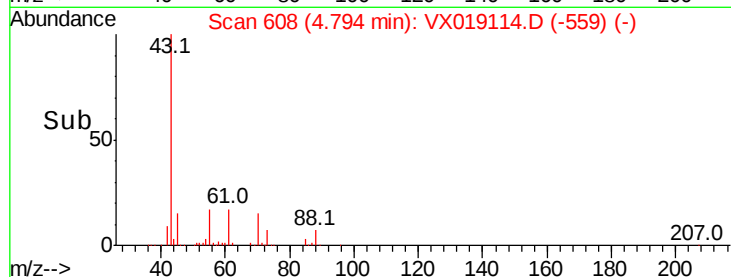
#37
Ethyl Acetate
Concen: 46.801 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 133363
Ion Ratio Lower Upper
43 100
61 17.1 13.8 20.8
70 14.3 11.4 17.2

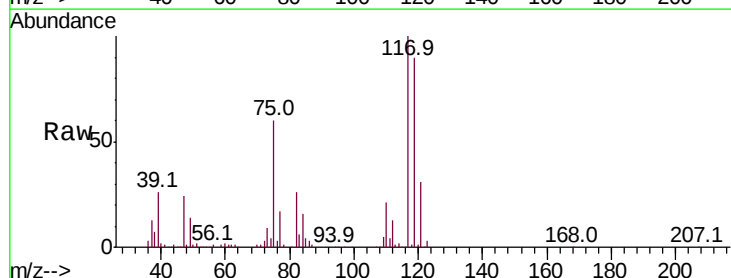


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

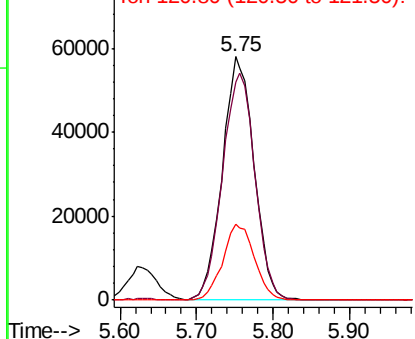
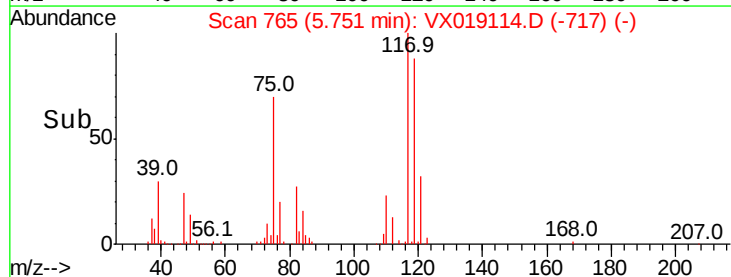


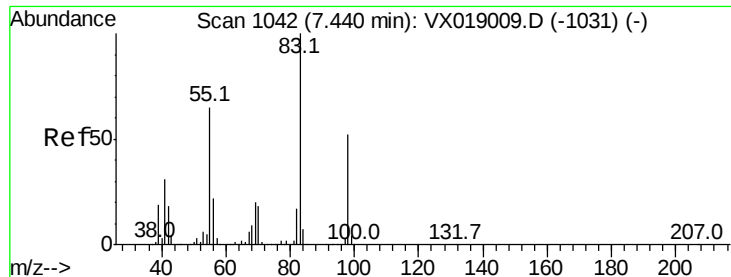
#38
Carbon Tetrachloride
Concen: 47.340 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion: 117 Resp: 165890
Ion Ratio Lower Upper
117 100
119 89.6 75.4 113.0
121 31.3 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

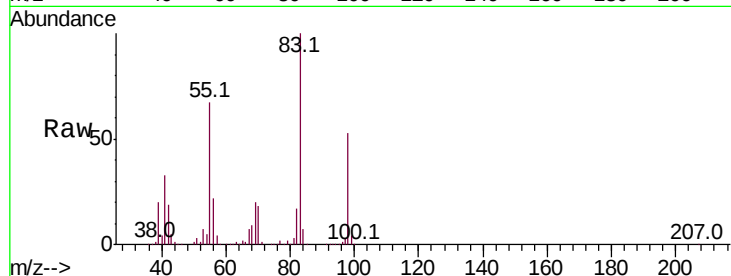




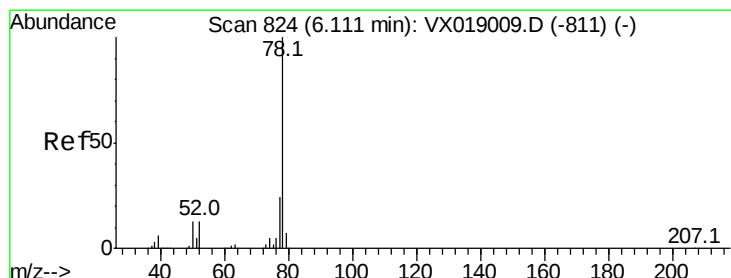
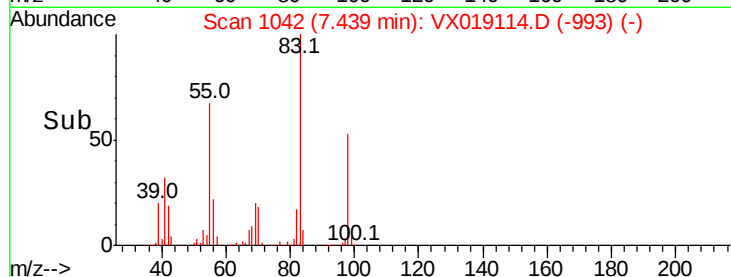
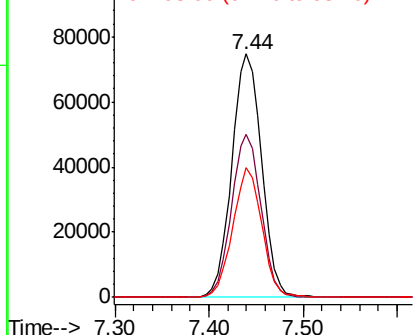
#39
Methvlcvclohexane
Concen: 44.111 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 164994
Ion Ratio Lower Upper
83 100
55 67.2 51.8 77.6
98 53.0 41.4 62.2

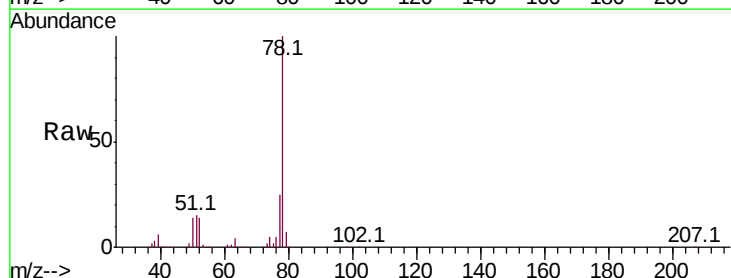


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

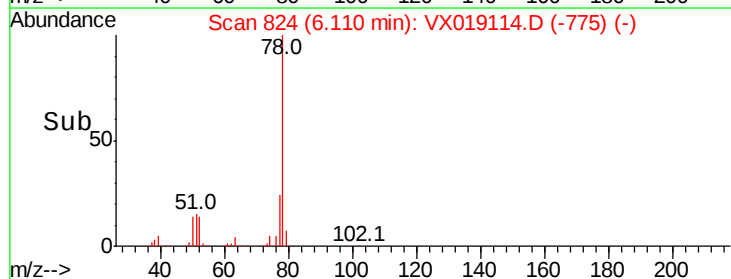
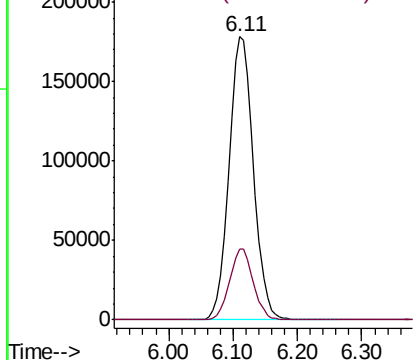


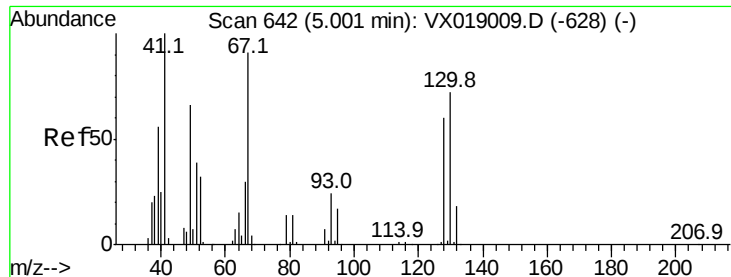
#40
Benzene
Concen: 48.033 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion: 78 Resp: 472290
Ion Ratio Lower Upper
78 100
77 25.0 19.3 28.9



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

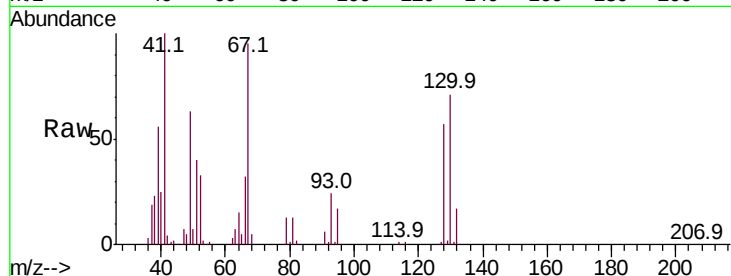




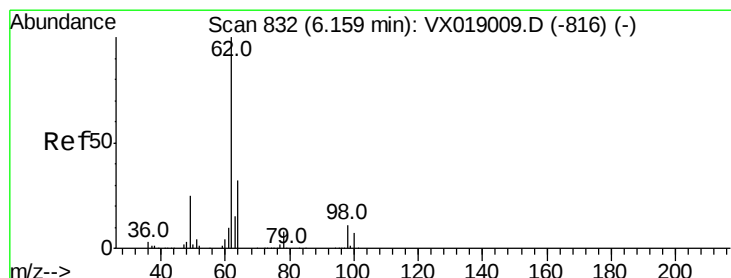
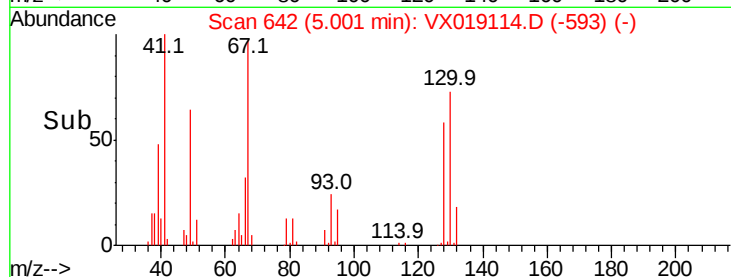
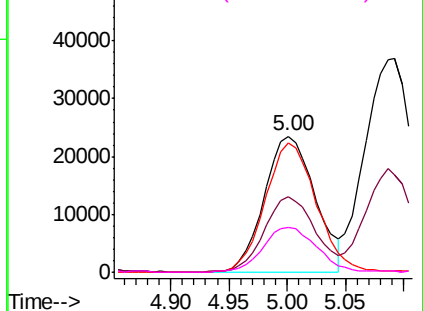
#41
Methacrylonitrile
Concen: 46.394 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 71015
Ion Ratio Lower Upper
41 100
39 55.2 44.6 67.0
67 96.4 76.1 114.1
52 35.5 28.3 42.5

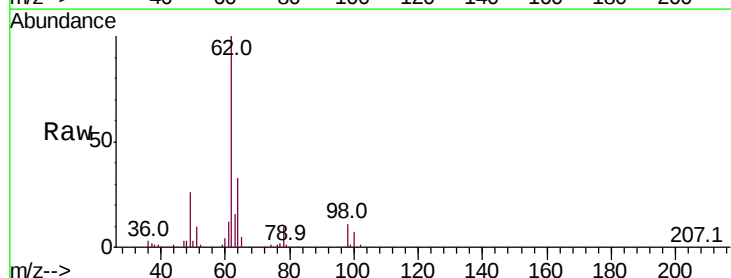


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

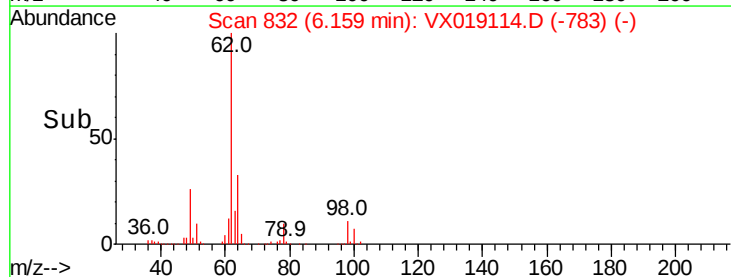
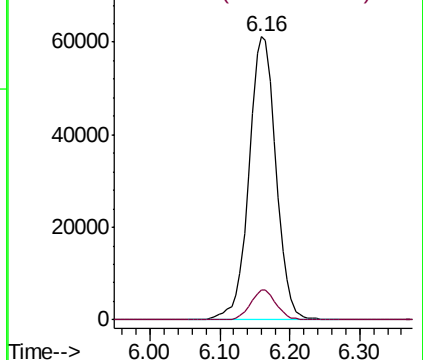


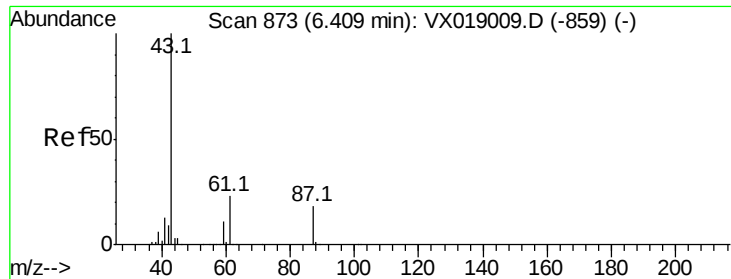
#42
1,2-Dichloroethane
Concen: 48.906 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion: 62 Resp: 164109
Ion Ratio Lower Upper
62 100
98 10.1 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: 46.470 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

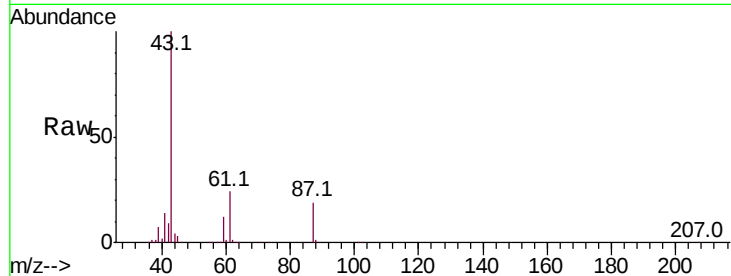
Tot Ion: 43 Resp: 224268

Ion Ratio Lower Upper

43 100

61 24.1 18.7 28.1

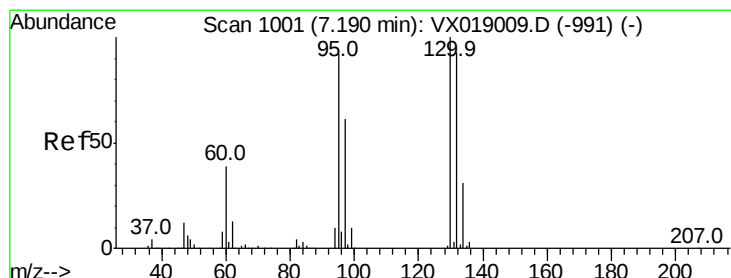
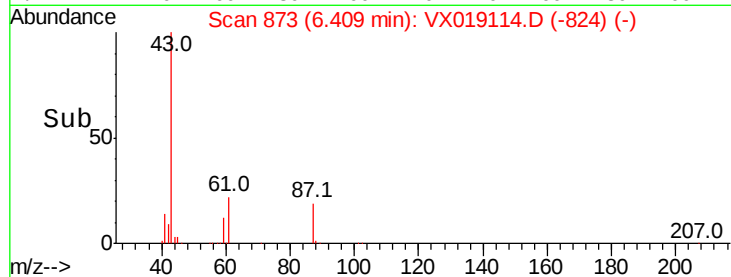
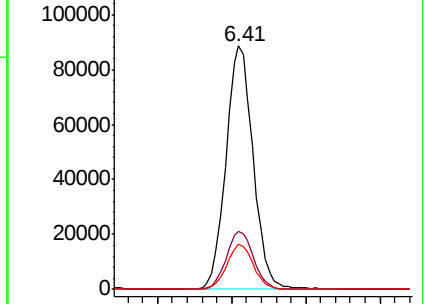
87 18.3 14.2 21.4



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: 47.131 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX019114.D

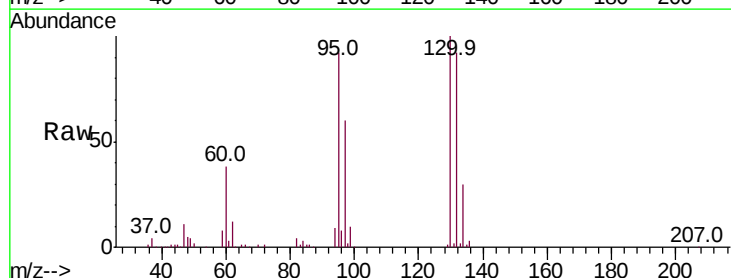
Acq: 24 Oct 2020 07:50

Tgt Ion:130 Resp: 135148

Ion Ratio Lower Upper

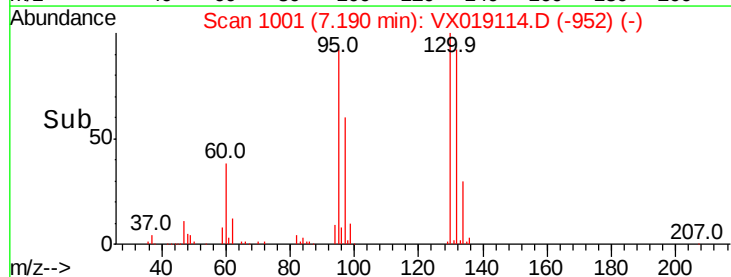
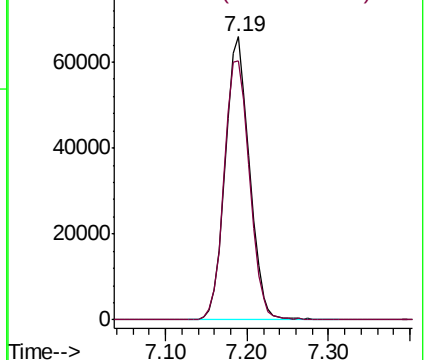
130 100

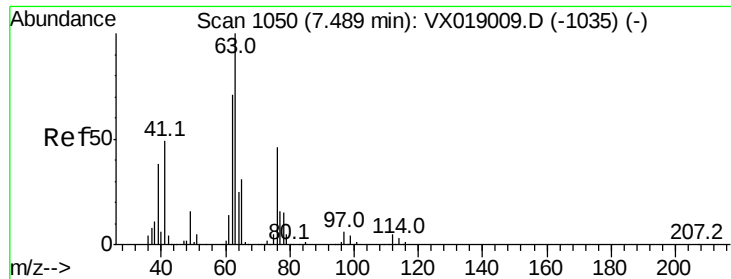
95 91.5 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.180 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

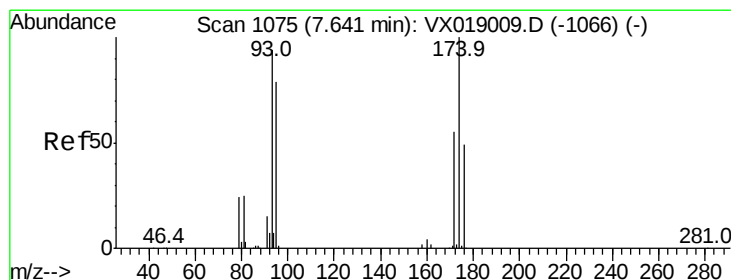
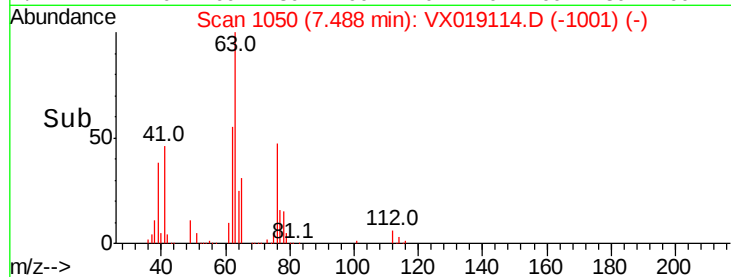
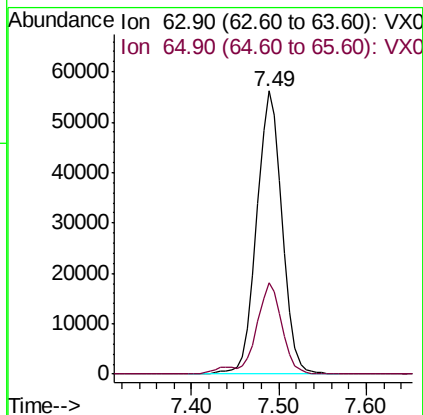
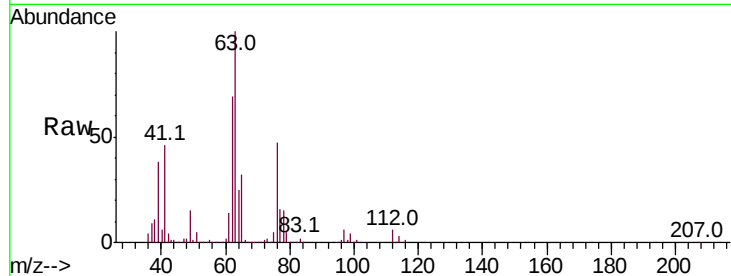
VSTDCCC050EC

Tot Ion: 63 Resp: 113634

Ion Ratio Lower Upper

63 100

65 32.2 24.9 37.3



#46

Dibromomethane

Concen: 47.228 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

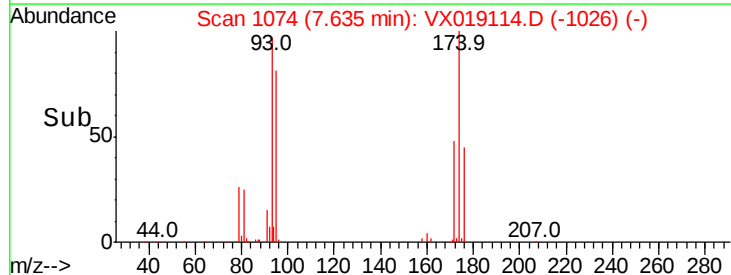
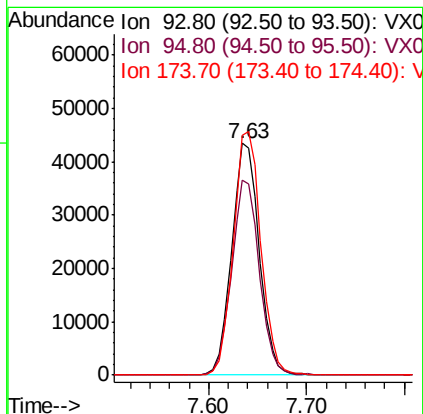
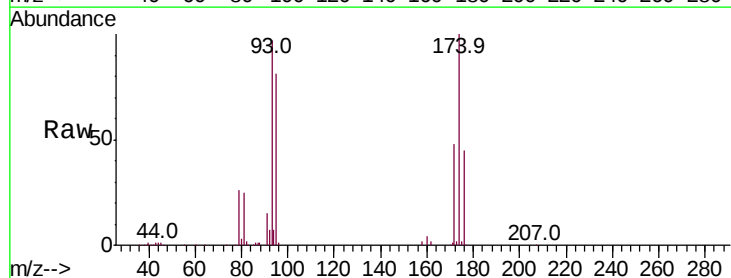
Tgt Ion: 93 Resp: 84840

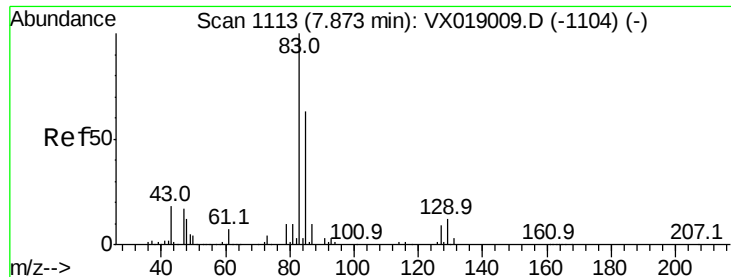
Ion Ratio Lower Upper

93 100

95 84.2 66.8 100.2

174 105.3 83.8 125.8





#47

Bromodichloromethane

Concen: 48.897 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

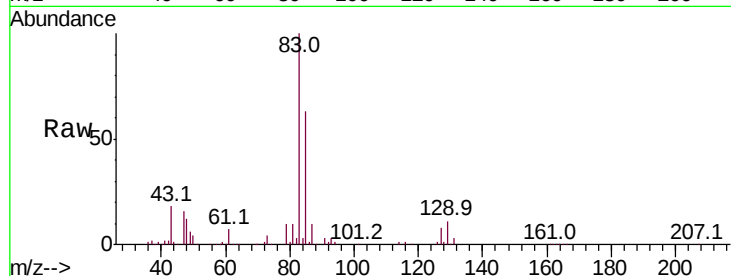
Tot Ion: 83 Resp: 172225

Ion Ratio Lower Upper

83 100

85 62.9 50.7 76.1

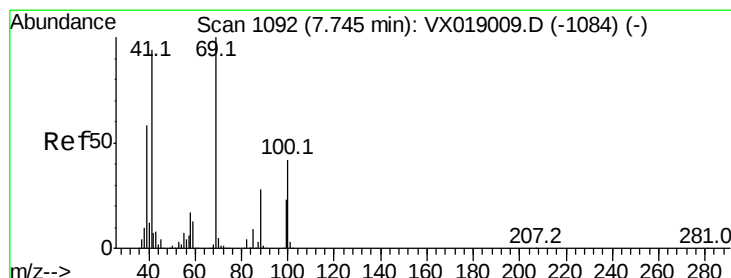
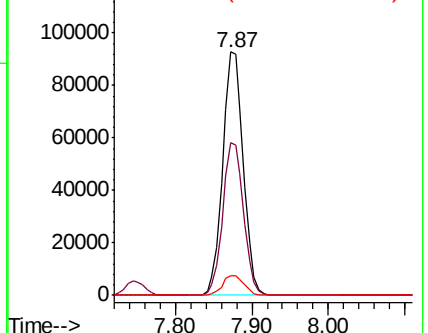
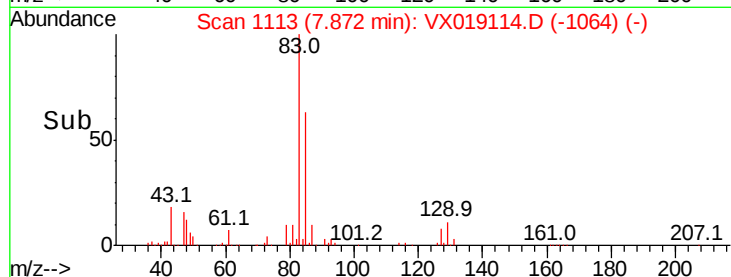
127 8.3 6.8 10.2



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: 45.283 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

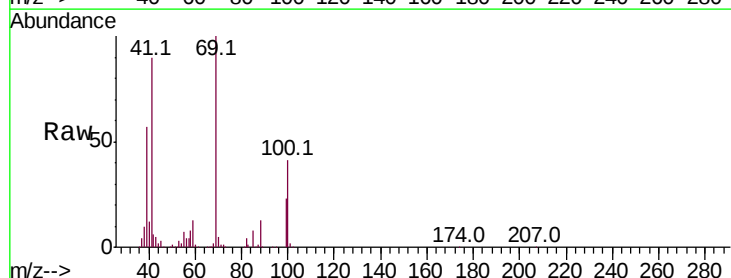
Tgt Ion: 41 Resp: 107680

Ion Ratio Lower Upper

41 100

69 108.7 85.5 128.3

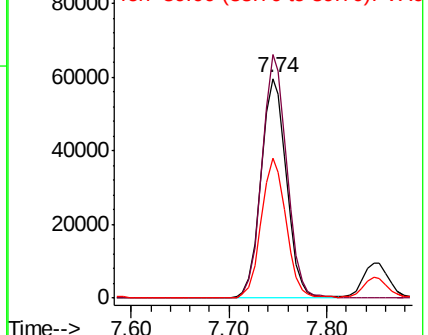
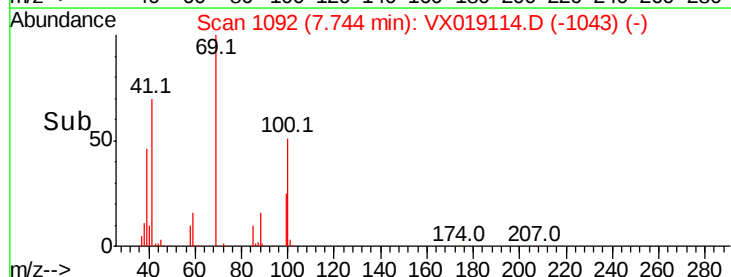
39 62.0 49.3 73.9

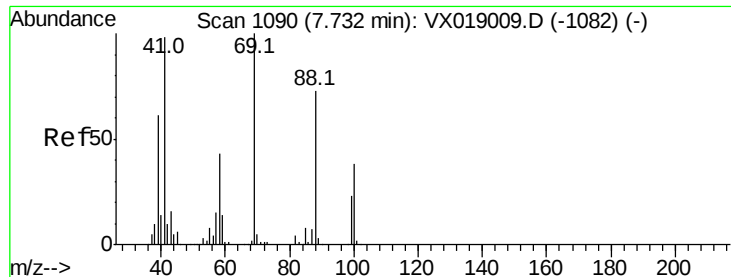


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 994.201 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

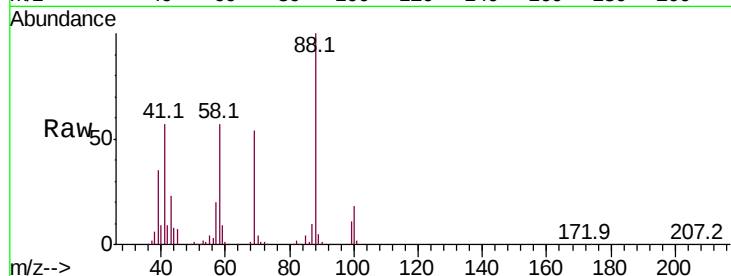
Tot Ion: 88 Resp: 53416

Ion Ratio Lower Upper

88 100

43 25.7 20.3 30.5

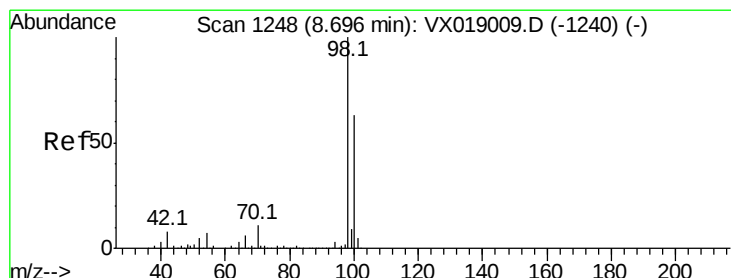
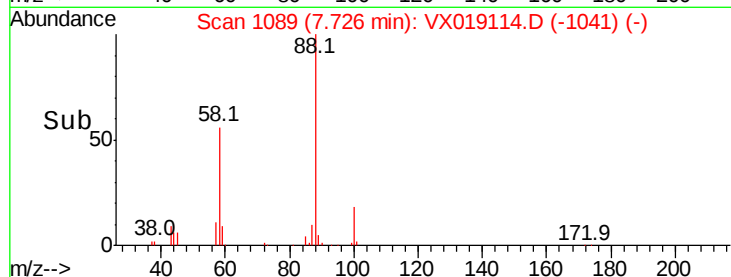
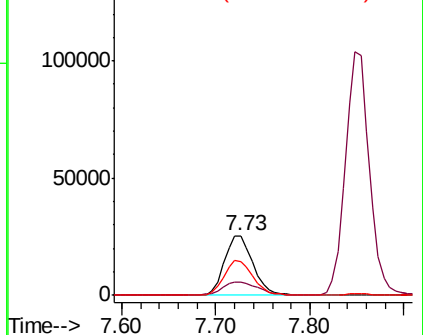
58 59.8 48.4 72.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.958 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019114.D

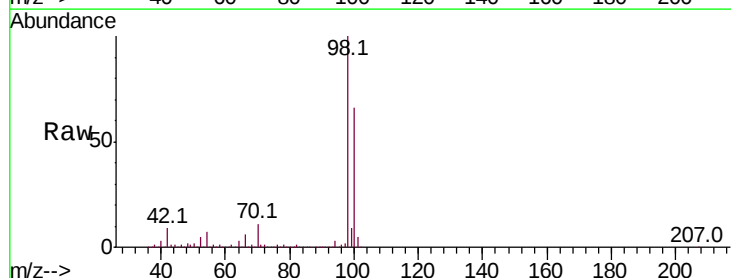
Acq: 24 Oct 2020 07:50

Tgt Ion: 98 Resp: 431123

Ion Ratio Lower Upper

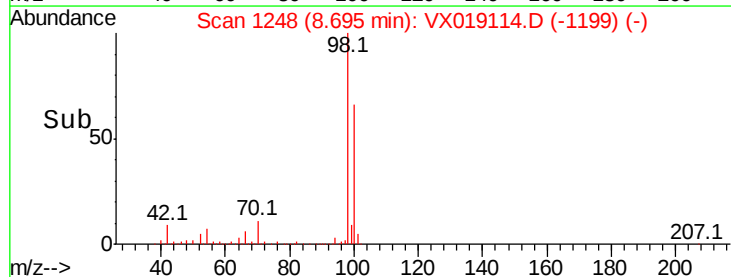
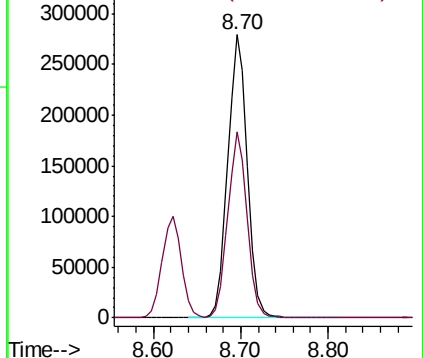
98 100

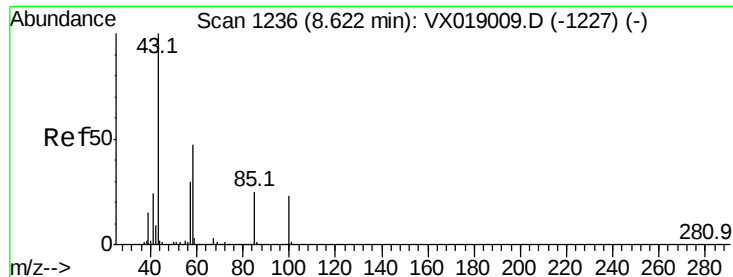
100 65.3 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 237.873 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

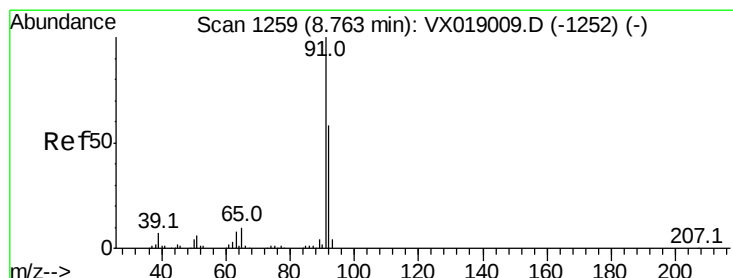
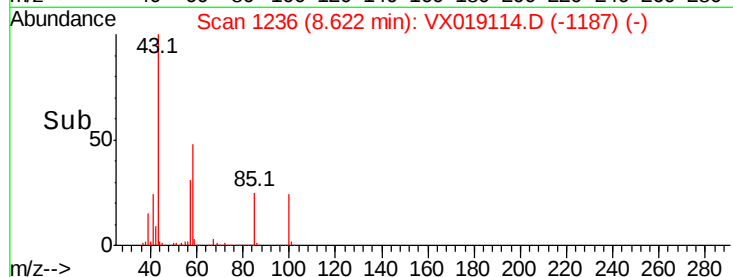
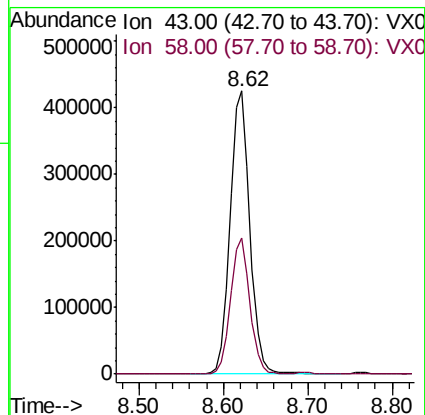
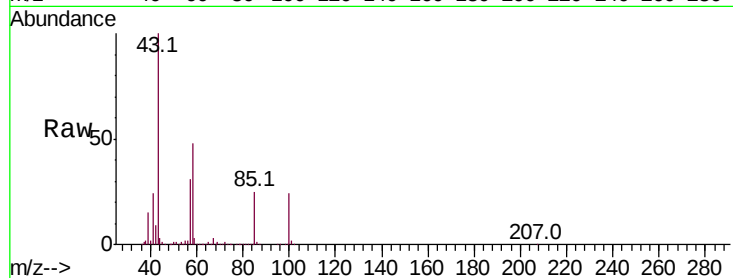
VSTDCCC050EC

Tot Ion: 43 Resp: 676457

Ion Ratio Lower Upper

43 100

58 47.3 37.4 56.0



#52

Toluene

Concen: 47.932 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019114.D

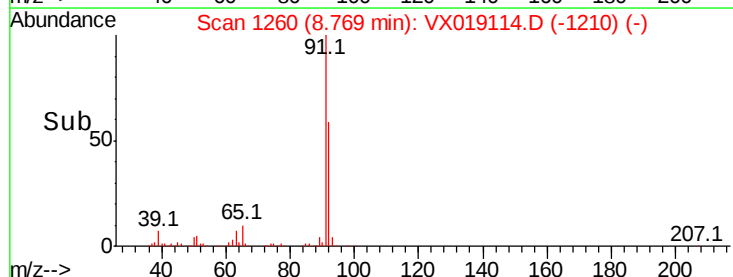
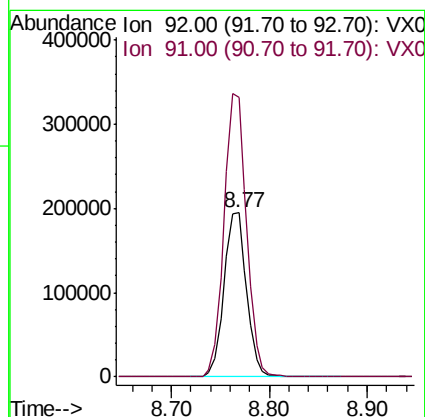
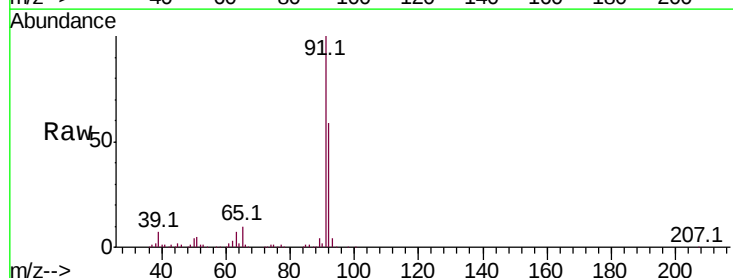
Acq: 24 Oct 2020 07:50

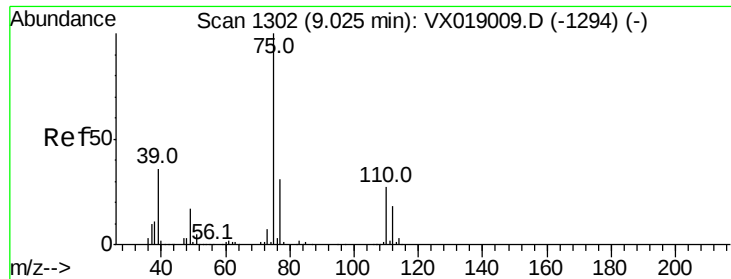
Tgt Ion: 92 Resp: 311288

Ion Ratio Lower Upper

92 100

91 172.6 138.6 208.0

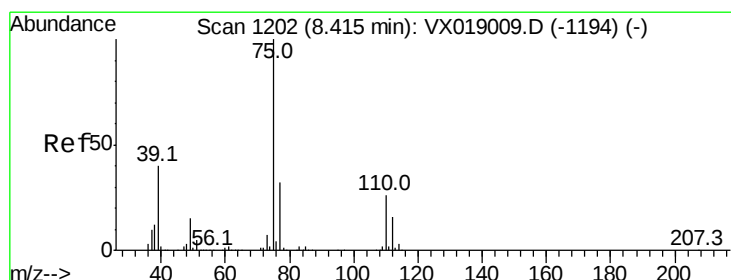
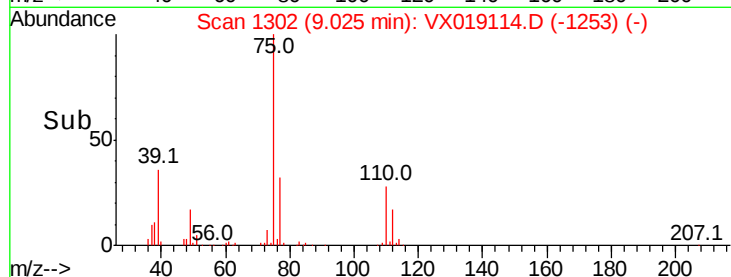
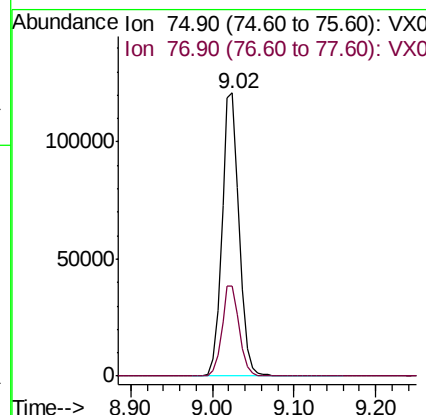
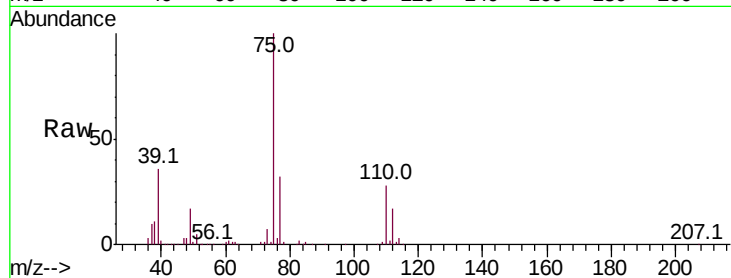




#53
 t-1,3-Dichloropropene
 Concen: 44.753 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

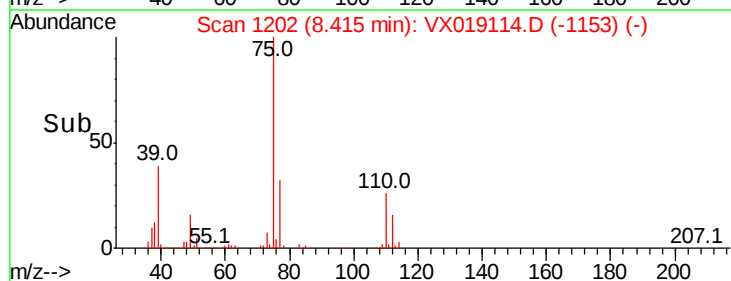
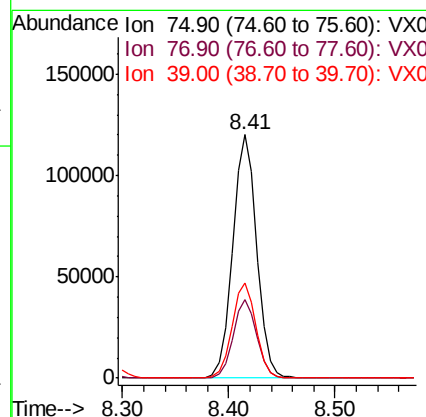
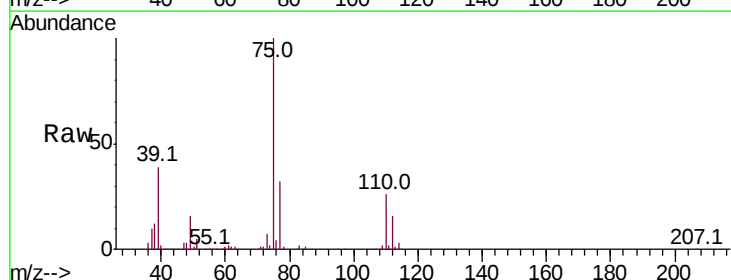
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

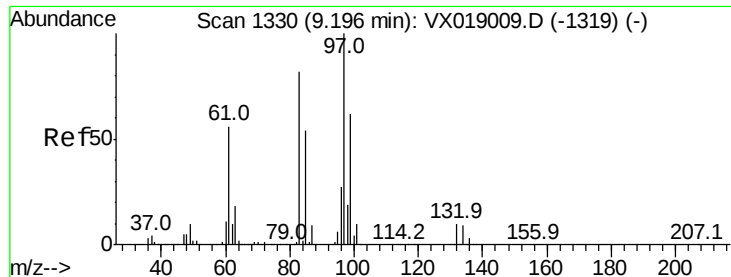
Tot Ion: 75 Resp: 178003
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 45.075 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Tgt Ion: 75 Resp: 189322
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.9 38.9
 39 38.9 31.7 47.5





#55

1,1,2-Trichloroethane

Concen: 47.510 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 125783

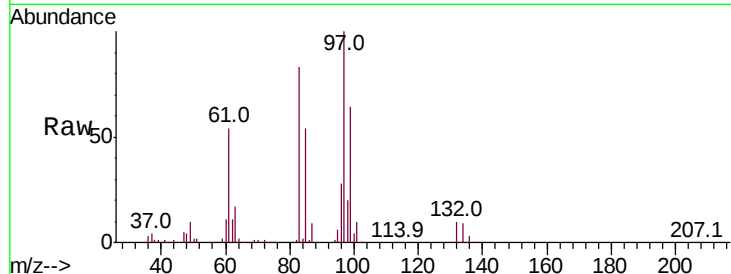
Ion Ratio Lower Upper

97 100

83 83.3 65.4 98.2

85 54.4 43.3 64.9

99 63.8 50.0 75.0

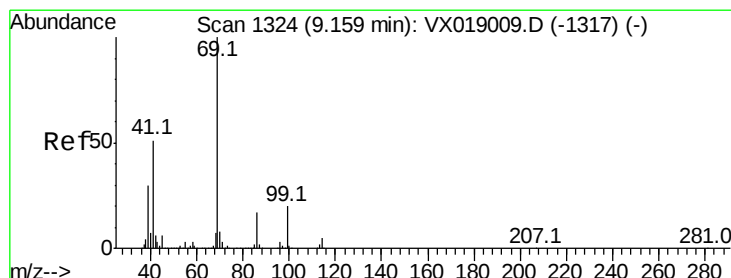
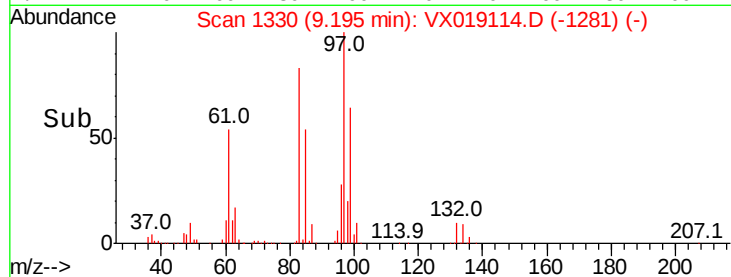
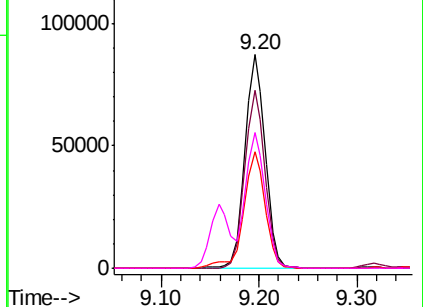


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.005 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

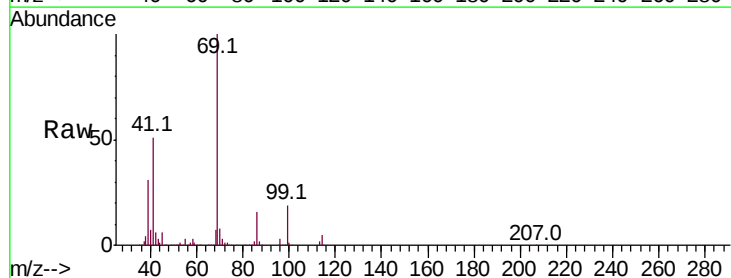
Tgt Ion: 69 Resp: 182847

Ion Ratio Lower Upper

69 100

41 51.4 41.1 61.7

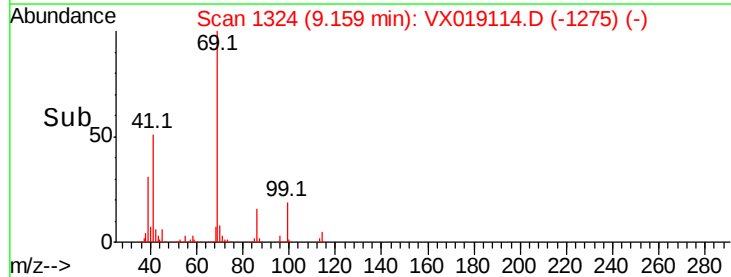
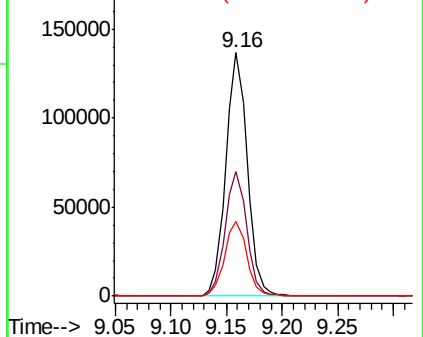
39 31.4 24.6 37.0

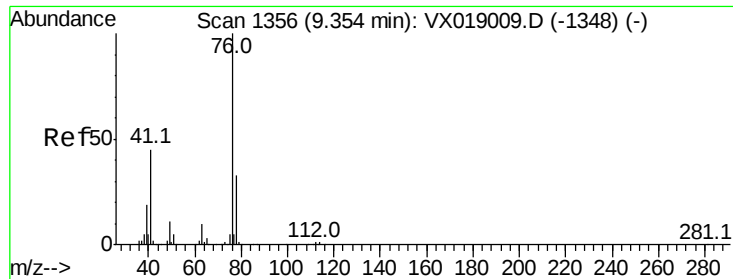


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.368 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

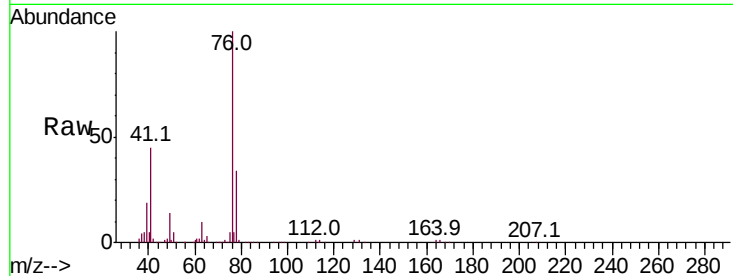
VSTDCCC050EC

Tot Ion: 76 Resp: 203255

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

9.35

150000

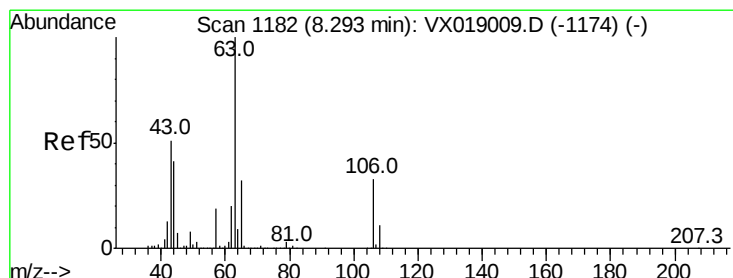
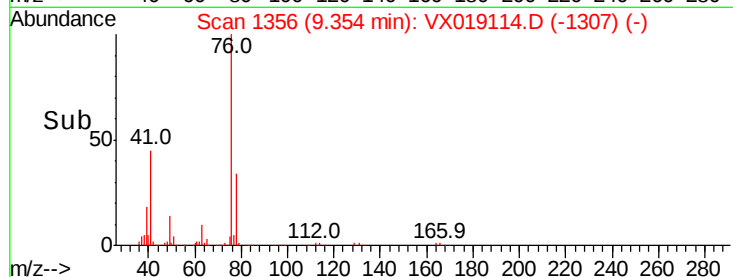
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 239.846 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019114.D

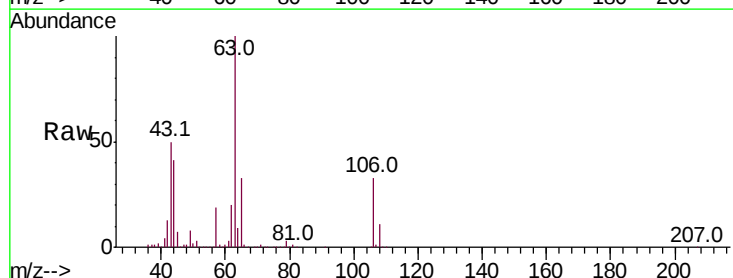
Acq: 24 Oct 2020 07:50

Tgt Ion: 63 Resp: 479901

Ion Ratio Lower Upper

63 100

106 32.7 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

300000

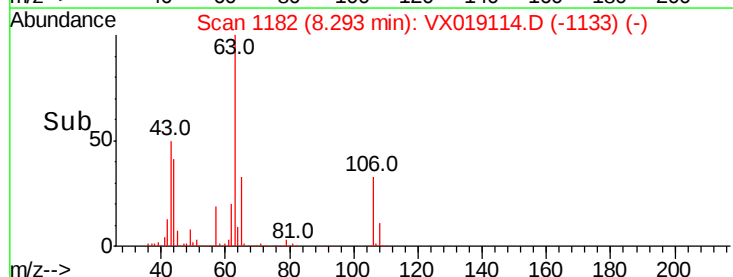
200000

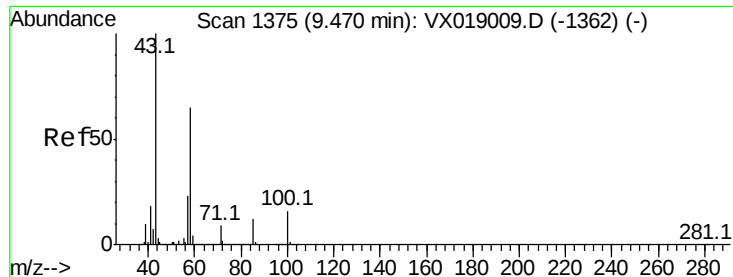
100000

0

8.20 8.30 8.40

Time-->

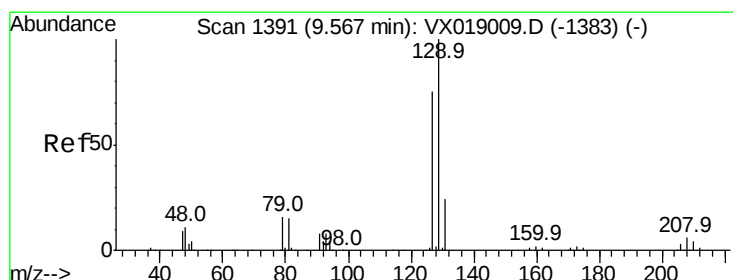
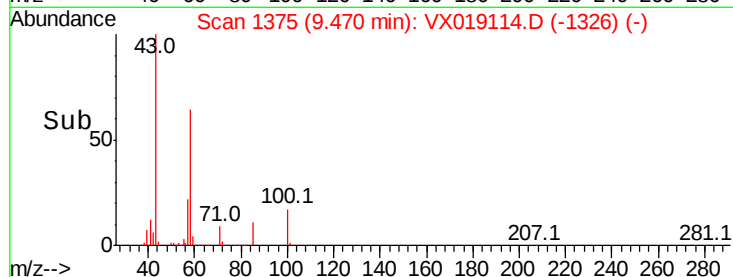
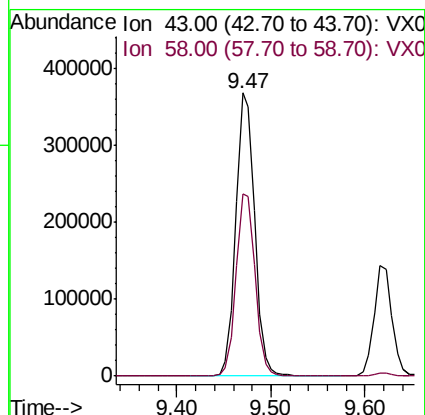
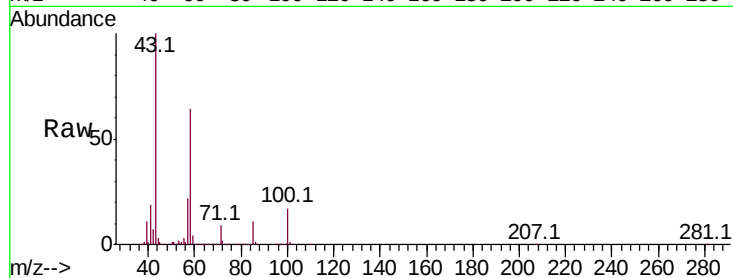




#59
2-Hexanone
Concen: 240.178 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

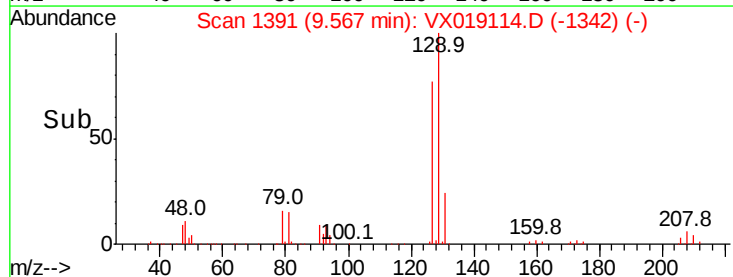
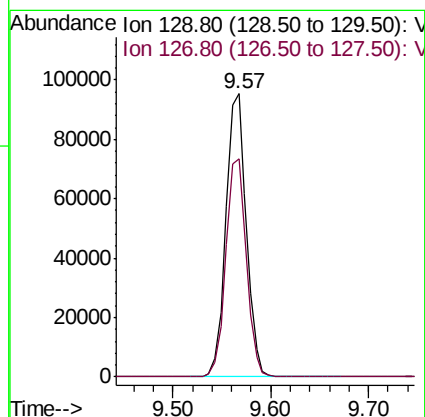
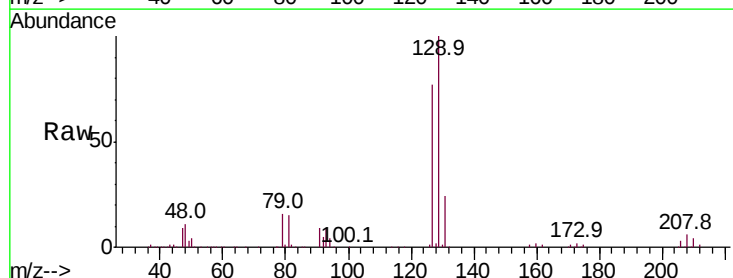
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

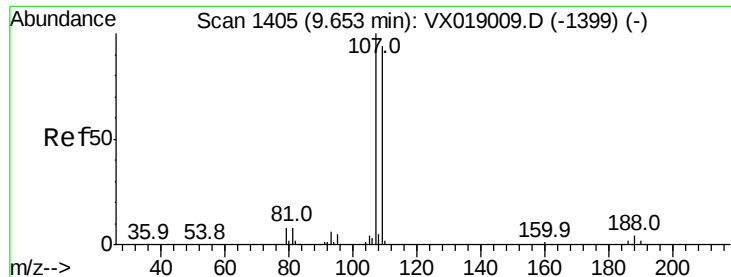
Tot Ion: 43 Resp: 508991
Ion Ratio Lower Upper
43 100
58 65.4 32.8 98.4



#60
Dibromochloromethane
Concen: 47.810 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion: 129 Resp: 137961
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7

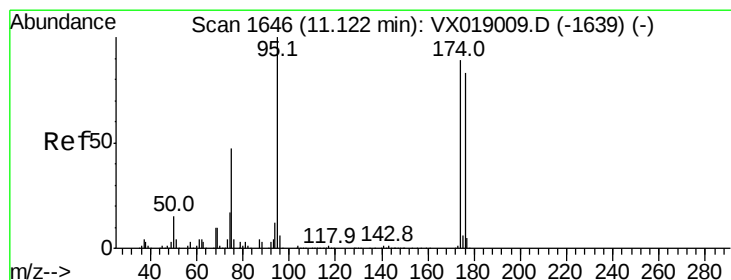
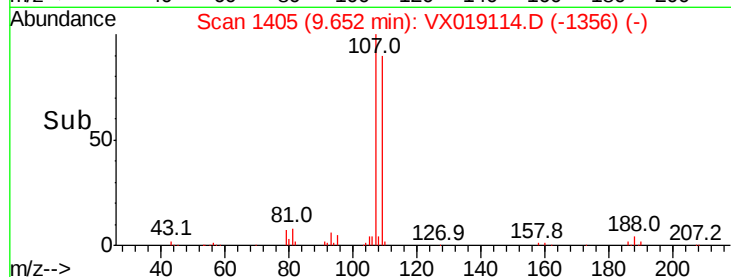
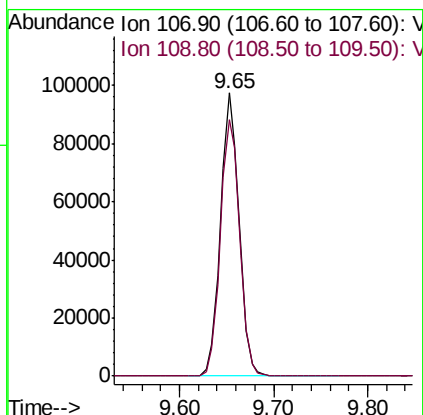
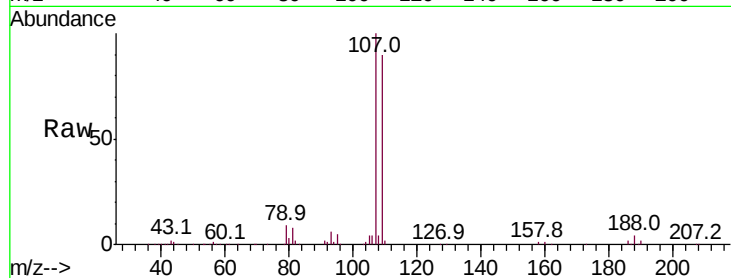




#61
 1,2-Dibromoethane
 Concen: 46.880 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

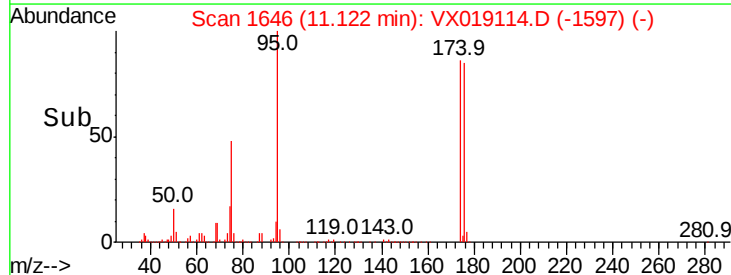
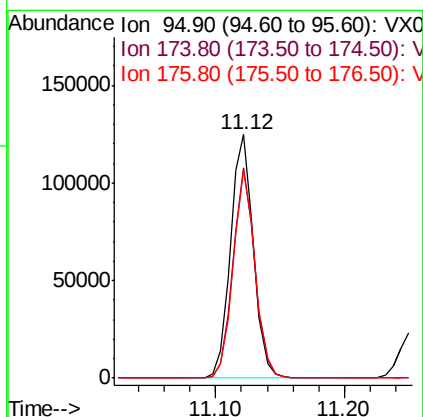
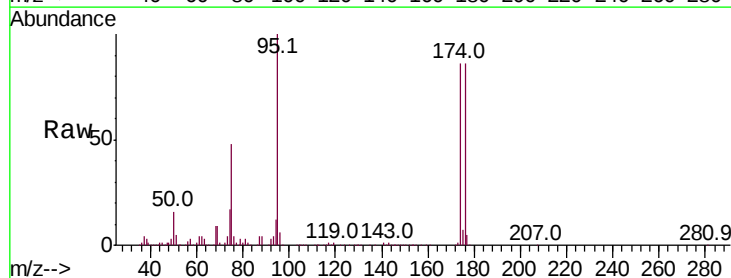
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

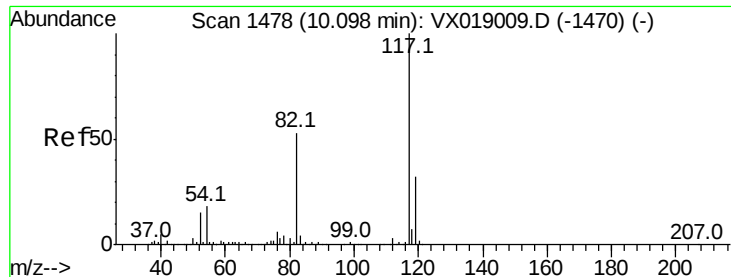
Tot Ion:107 Resp: 132796
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.471 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Tgt Ion: 95 Resp: 154990
 Ion Ratio Lower Upper
 95 100
 174 82.9 0.0 167.6
 176 82.3 0.0 165.2

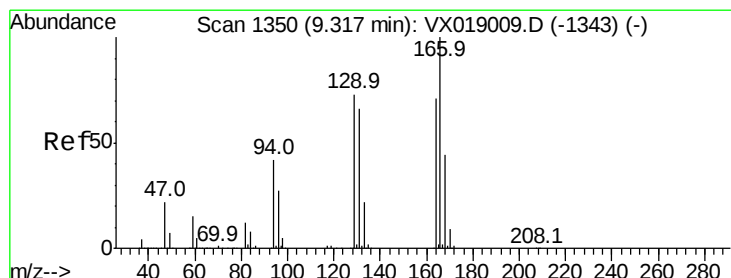
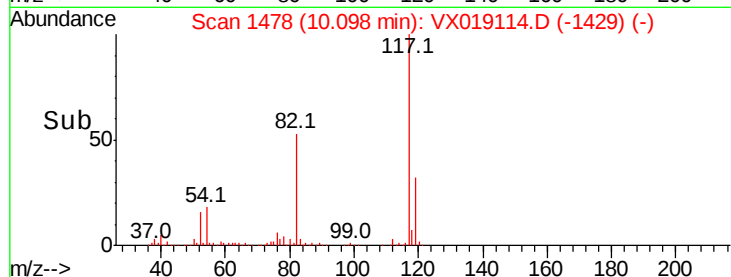
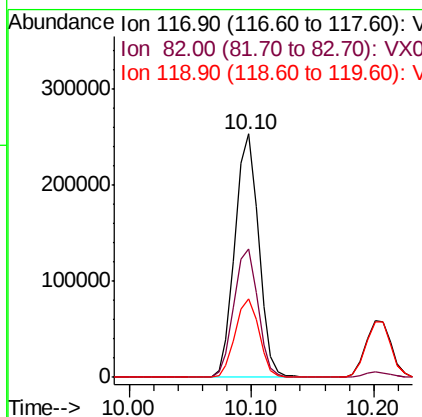
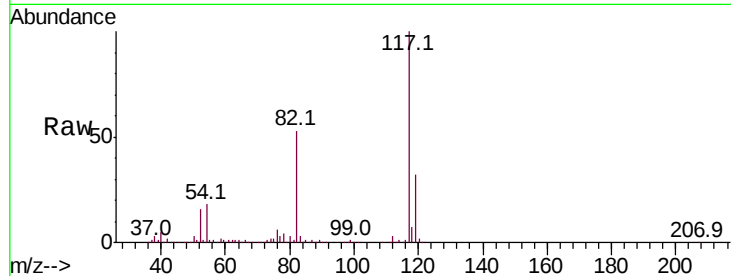




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

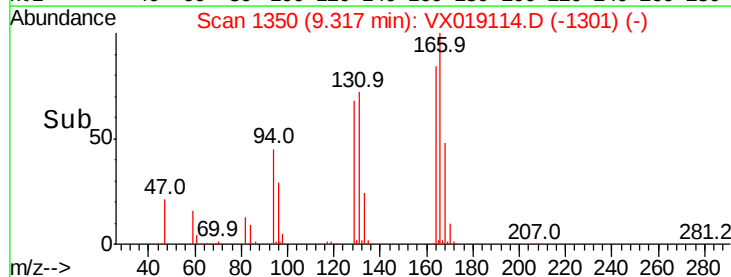
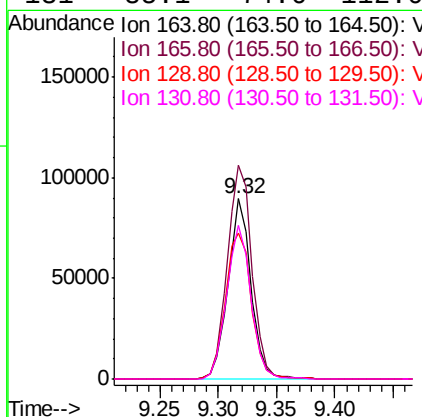
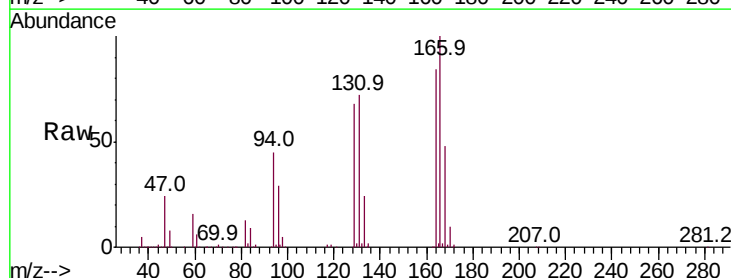
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

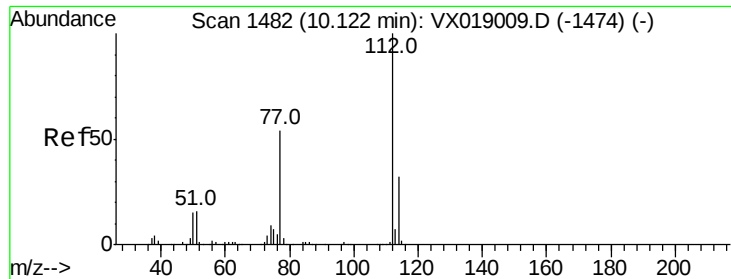
Tot Ion:117 Resp: 339838
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: 47.283 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion:164 Resp: 122340
Ion Ratio Lower Upper
164 100
166 118.4 112.2 168.4
129 80.7 81.8 122.8#
131 85.1 74.6 112.0

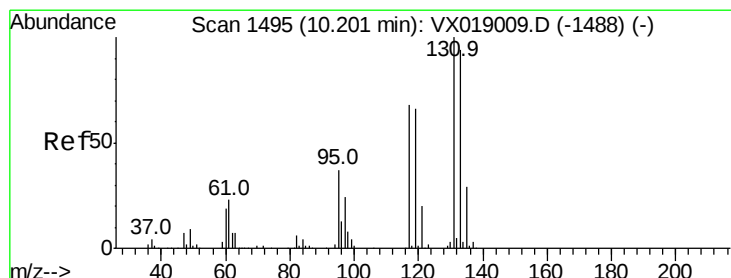
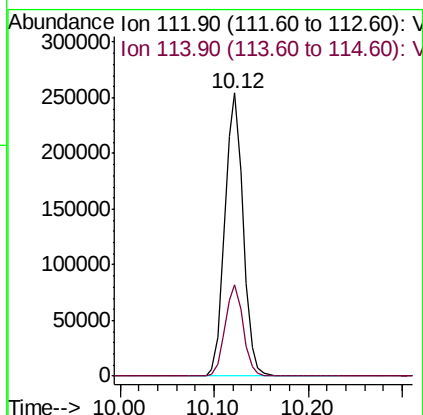
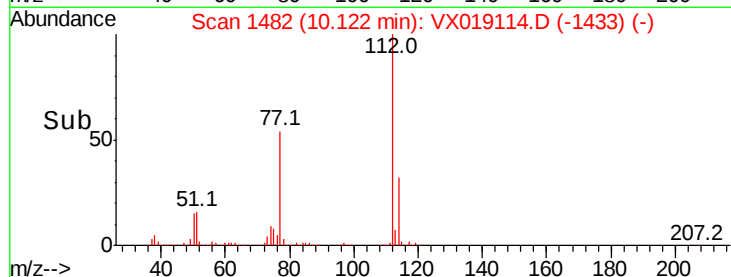
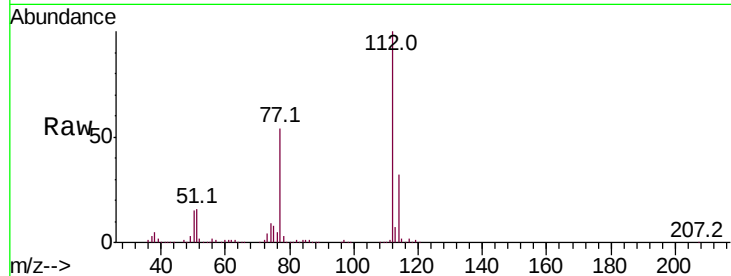




#65
Chlorobenzene
Concen: 47.865 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

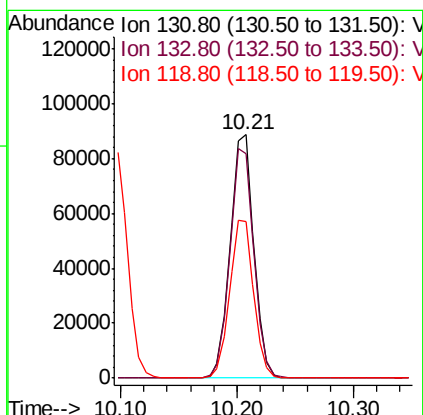
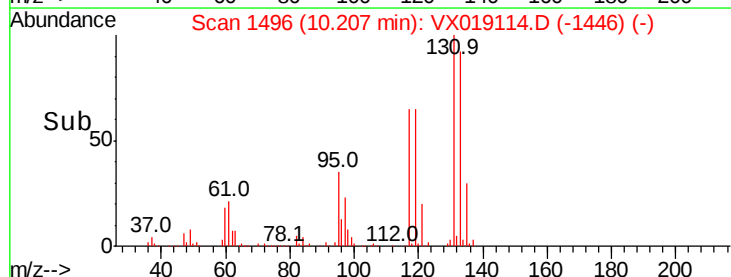
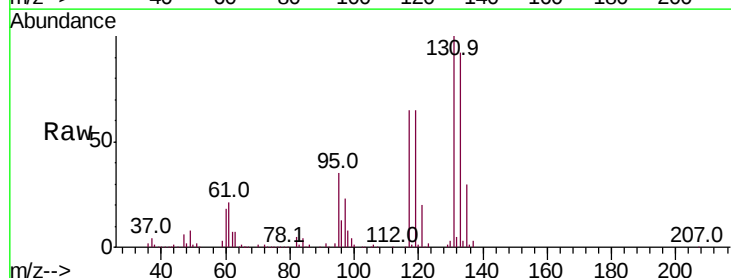
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

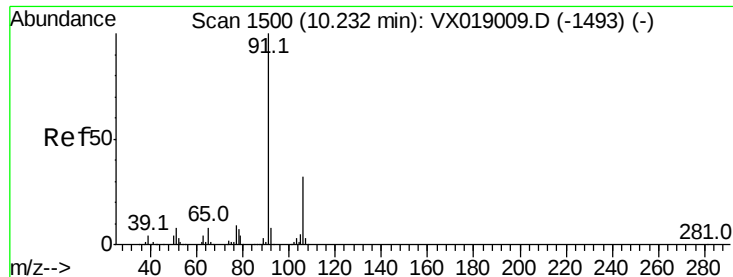
Tot Ion:112 Resp: 341199
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.588 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion:131 Resp: 125674
Ion Ratio Lower Upper
131 100
133 95.2 47.0 141.2
119 65.8 32.9 98.7

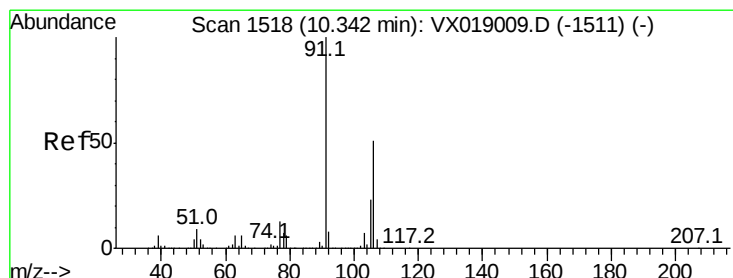
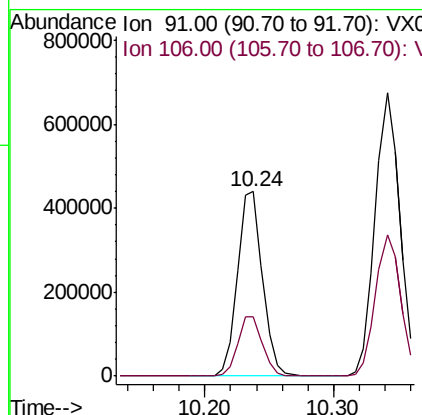
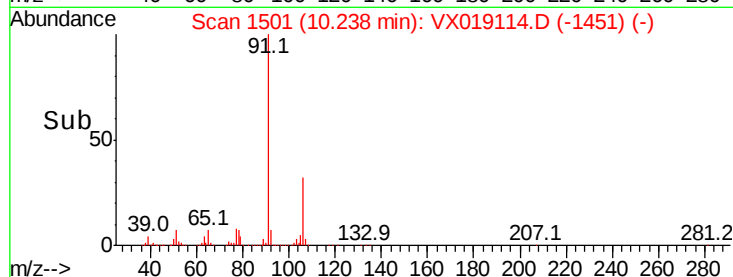
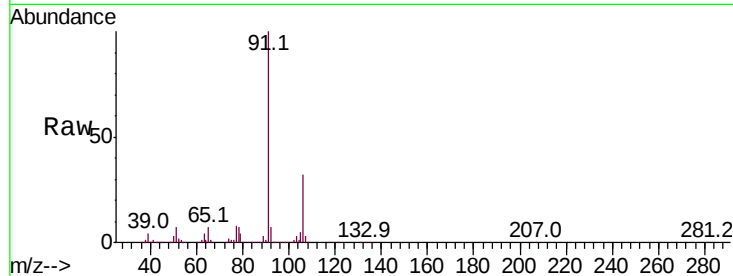




#67
Ethyl Benzene
Concen: 48.400 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

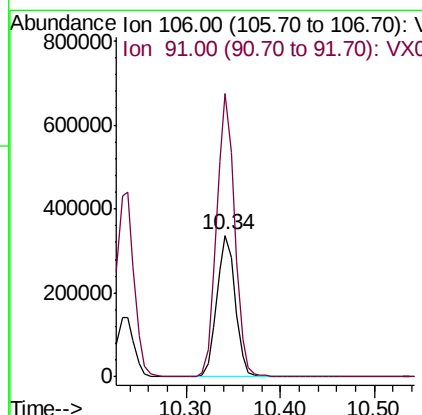
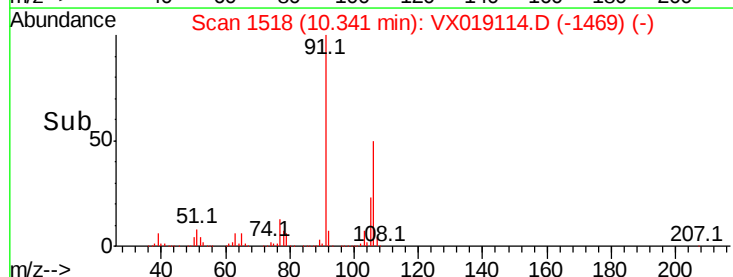
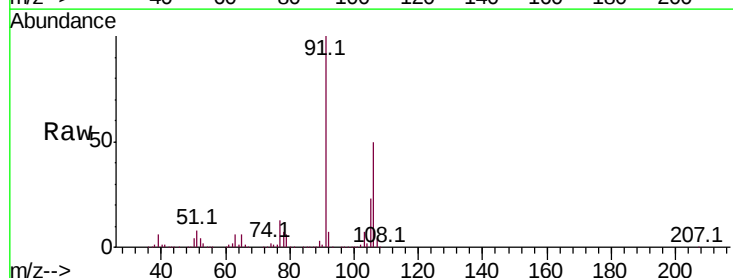
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

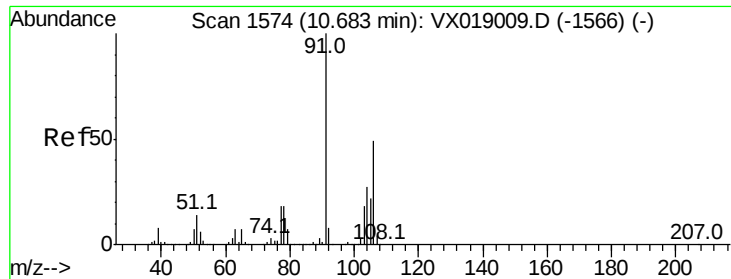
Tot Ion: 91 Resp: 594720
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9



#68
m/p-Xylenes
Concen: 97.276 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion: 106 Resp: 457872
Ion Ratio Lower Upper
106 100
91 195.8 156.9 235.3

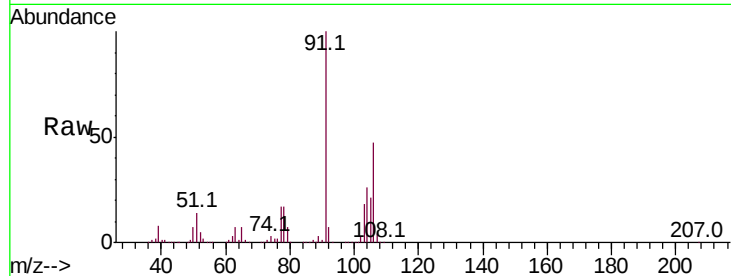




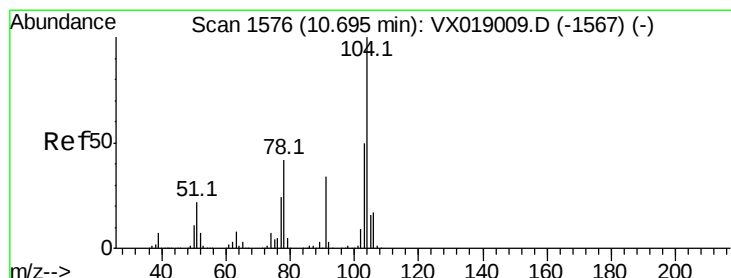
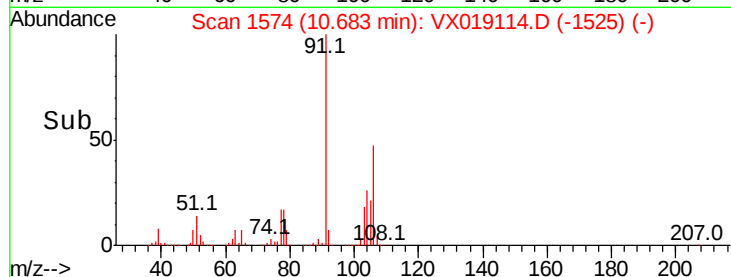
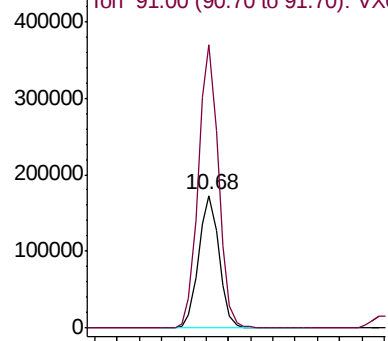
#69
o-Xylene
Concen: 48.731 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 219524
Ion Ratio Lower Upper
106 100
91 210.7 104.0 312.0

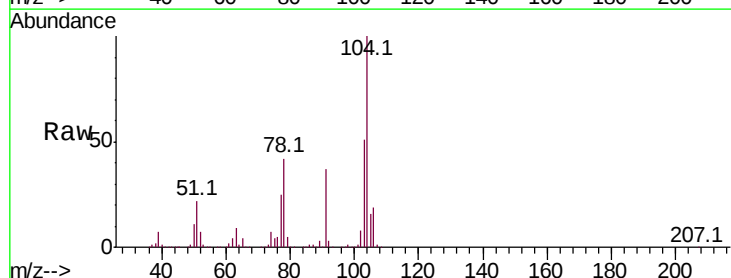


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

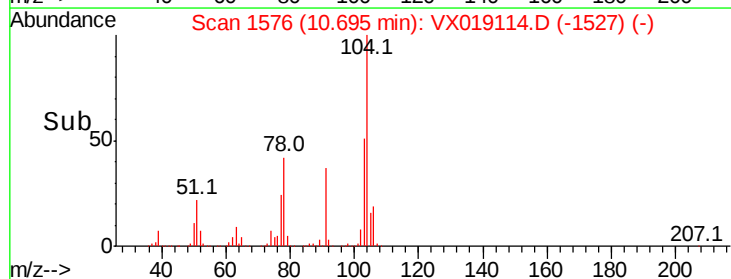
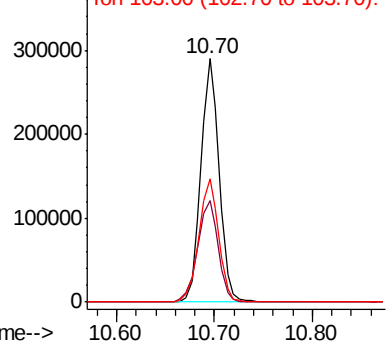


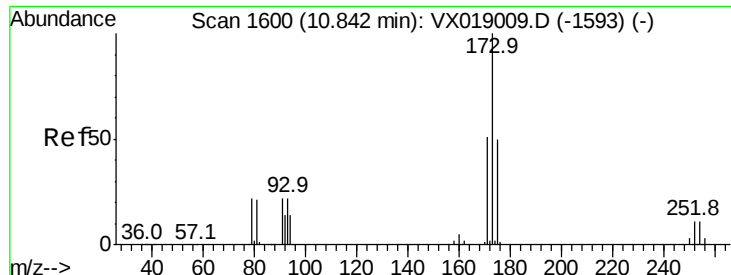
#70
Styrene
Concen: 49.027 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion:104 Resp: 374971
Ion Ratio Lower Upper
104 100
78 46.9 37.7 56.5
103 54.8 43.5 65.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.590 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

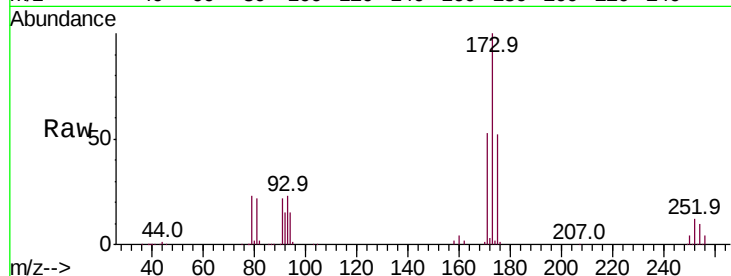
Tot Ion:173 Resp: 99410

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

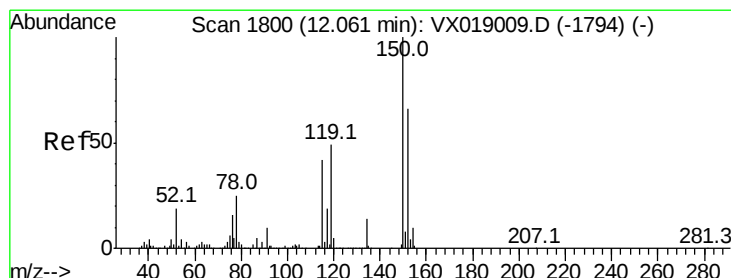
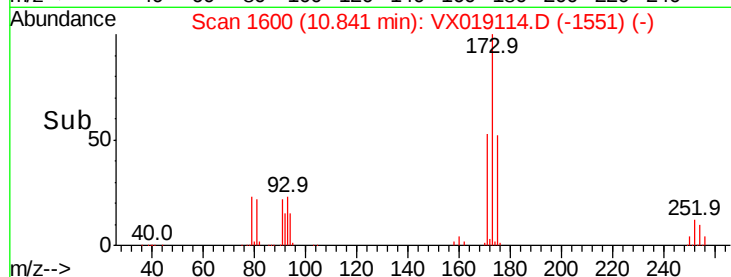
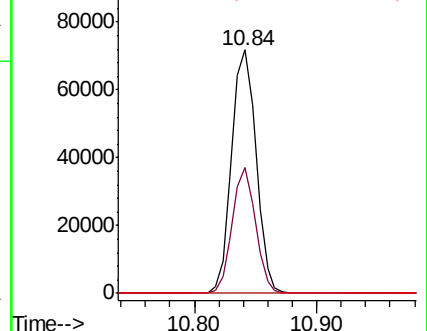
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

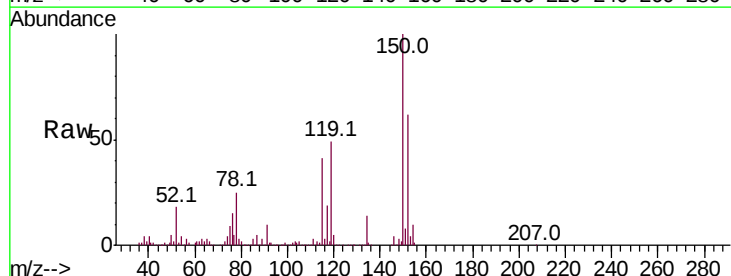
Tgt Ion:152 Resp: 179132

Ion Ratio Lower Upper

152 100

115 80.0 40.8 122.5

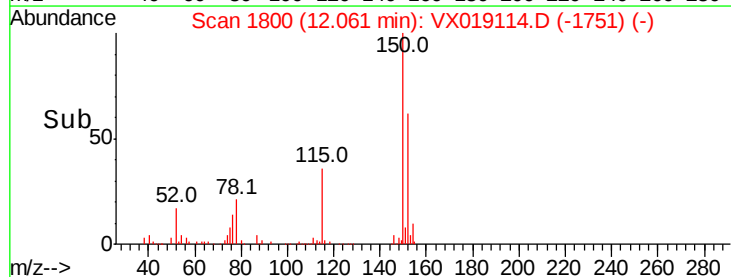
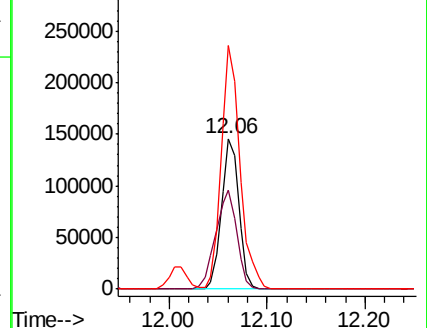
150 175.1 0.0 345.6

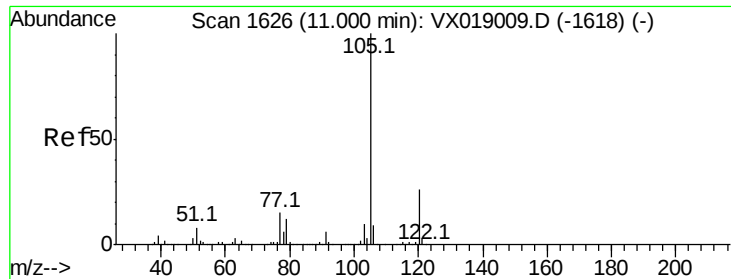


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.903 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

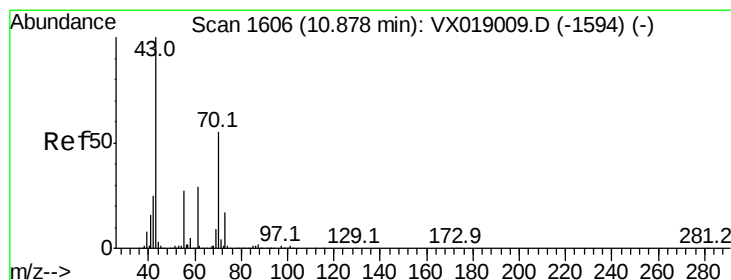
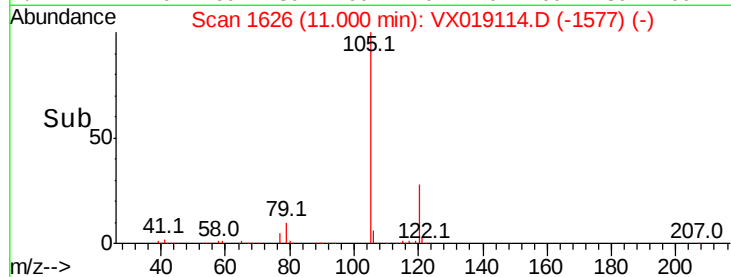
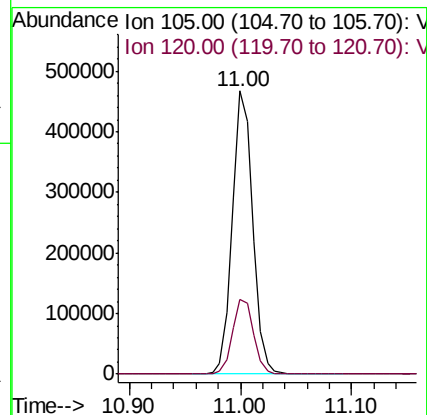
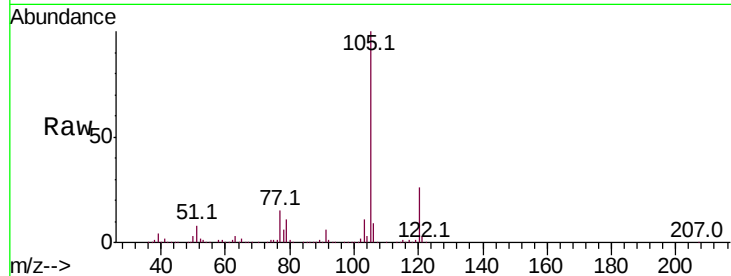
VSTDCCC050EC

Tot Ion:105 Resp: 591524

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.1



#74

N-ethyl acetate

Concen: 46.281 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Tgt Ion: 43 Resp: 191083

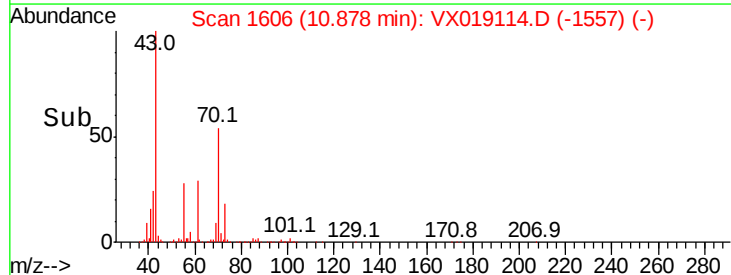
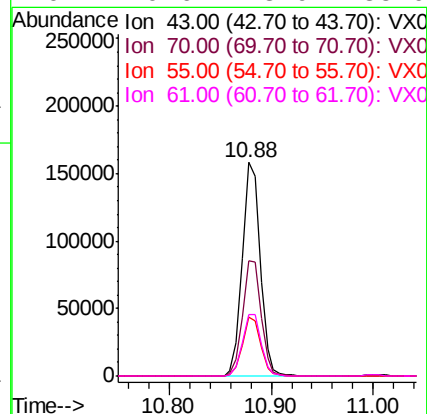
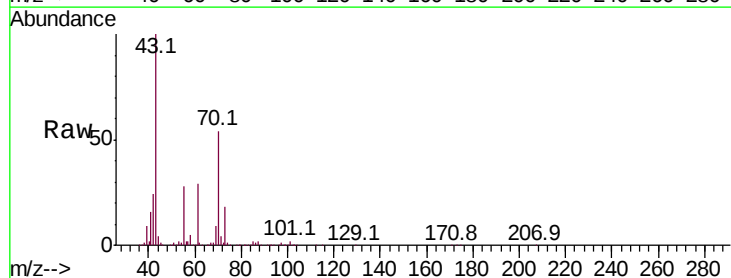
Ion Ratio Lower Upper

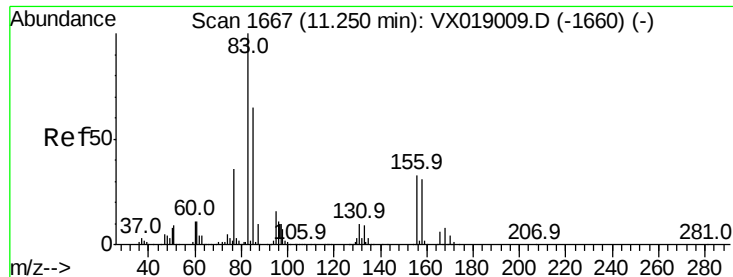
43 100

70 55.6 44.5 66.7

55 27.8 21.9 32.9

61 29.6 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.417 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

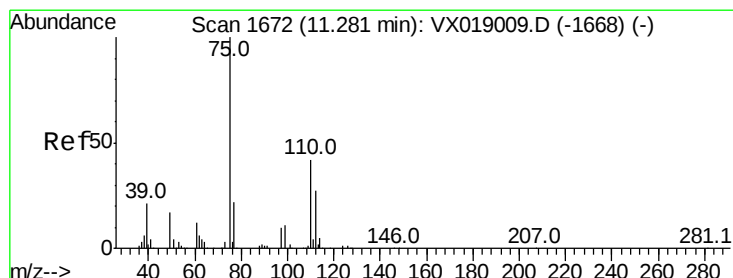
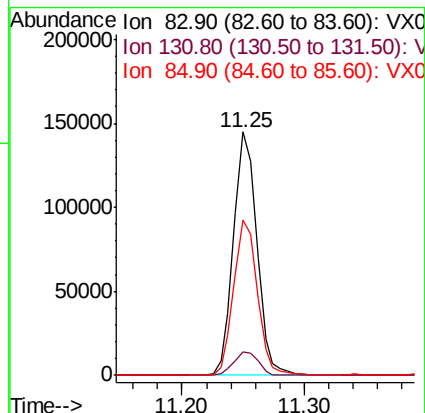
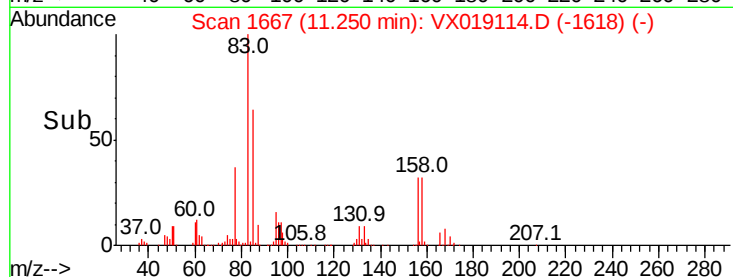
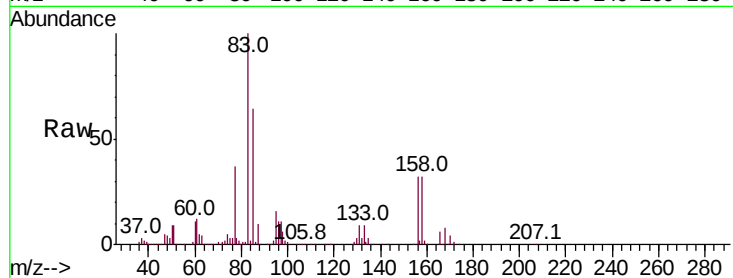
Tot Ion: 83 Resp: 191842

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

85 64.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 58.385 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019114.D

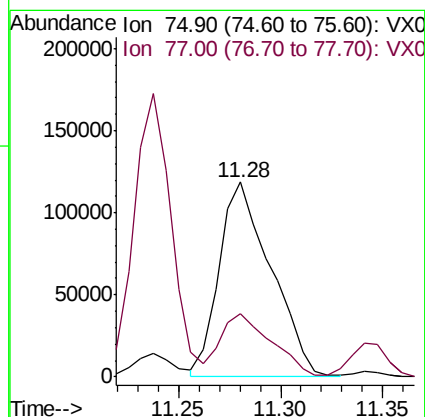
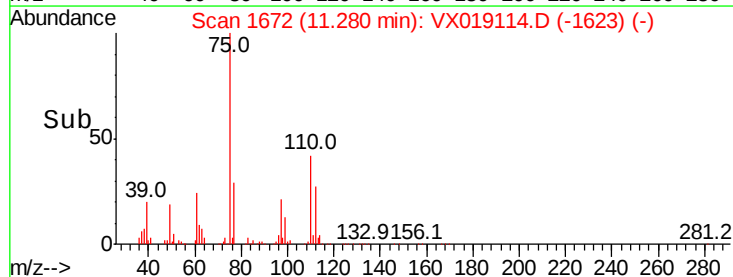
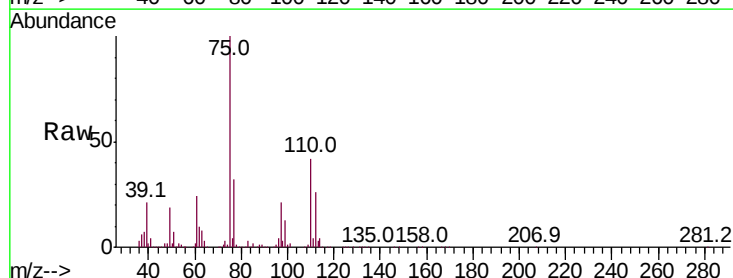
Acq: 24 Oct 2020 07:50

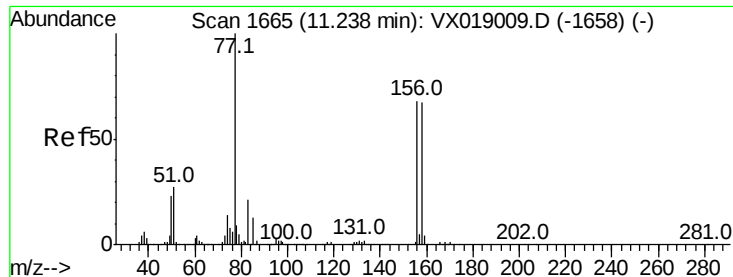
Tgt Ion: 75 Resp: 209038

Ion Ratio Lower Upper

75 100

77 31.9 20.7 62.1





#77

Bromobenzene

Concen: 44.408 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

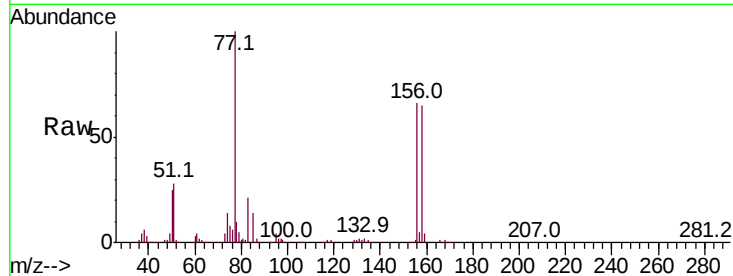
Tot Ion:156 Resp: 144523

Ion Ratio Lower Upper

156 100

77 151.6 74.4 223.1

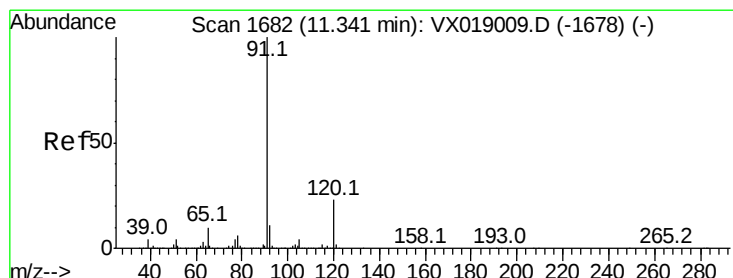
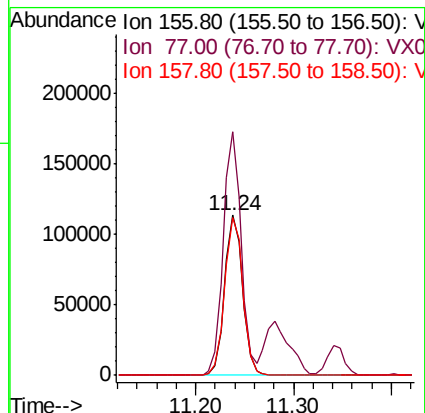
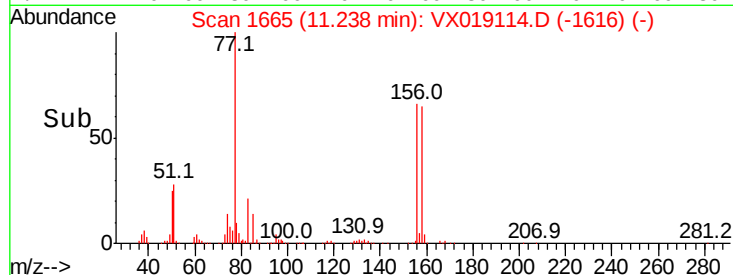
158 99.4 48.8 146.3



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: 45.336 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019114.D

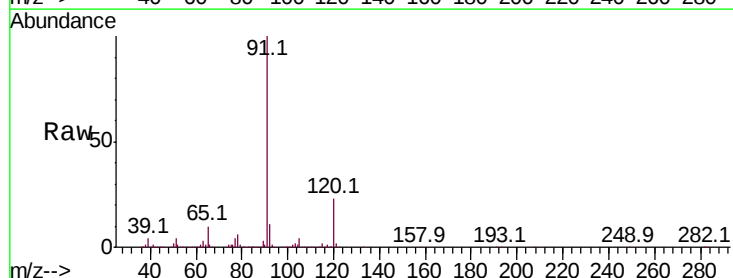
Acq: 24 Oct 2020 07:50

Tgt Ion: 91 Resp: 661997

Ion Ratio Lower Upper

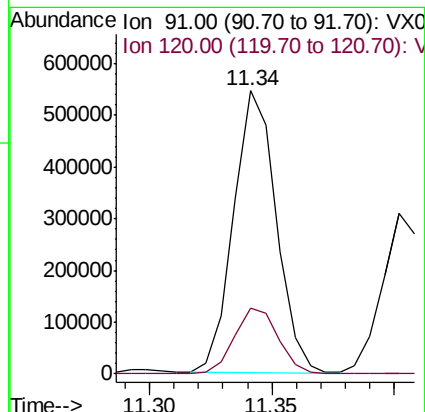
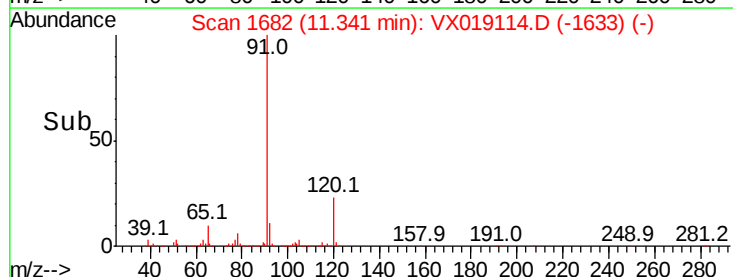
91 100

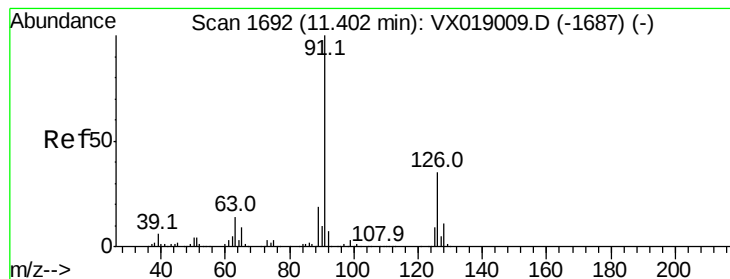
120 24.1 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.026 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

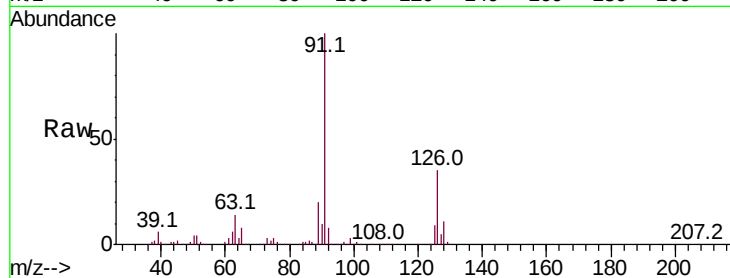
VSTDCCC050EC

Tot Ion: 91 Resp: 383557

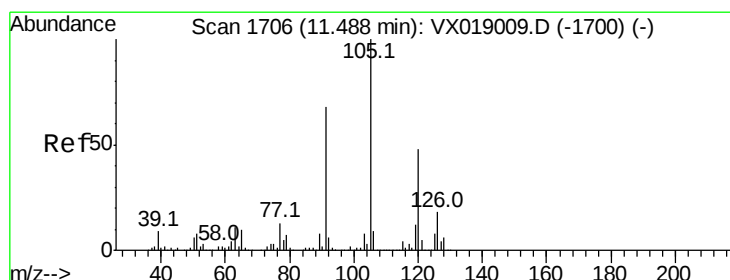
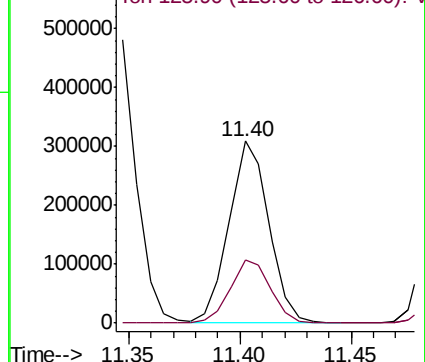
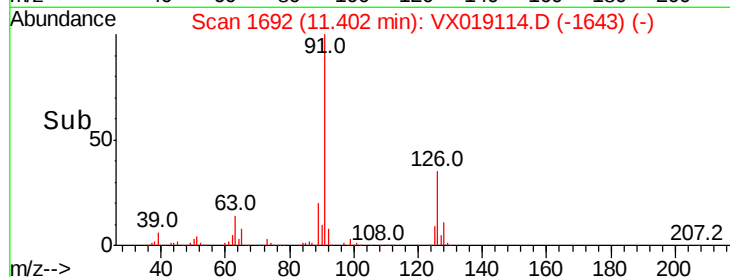
Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX019114.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.627 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019114.D

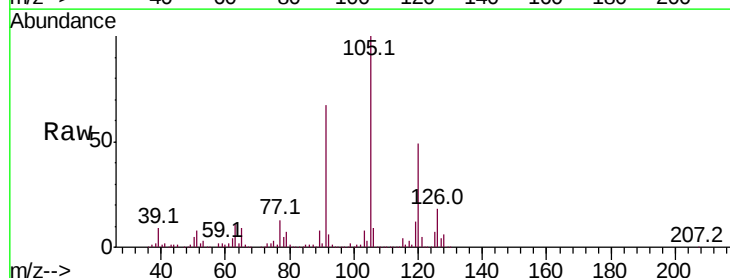
Acq: 24 Oct 2020 07:50

Tgt Ion: 105 Resp: 496176

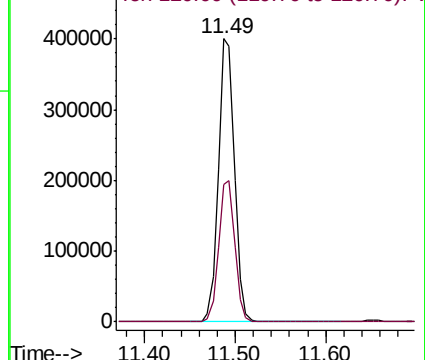
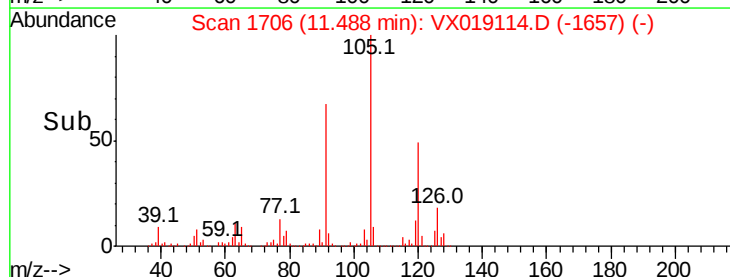
Ion Ratio Lower Upper

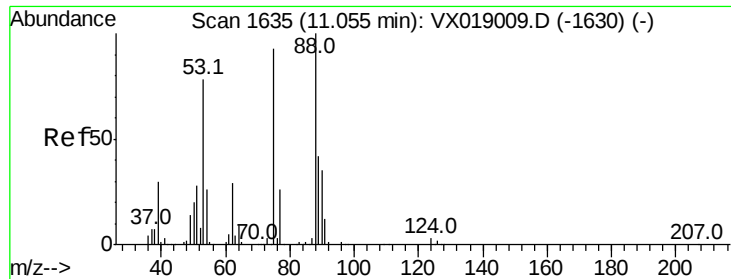
105 100

120 50.0 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX019114.D (-1657) (-)

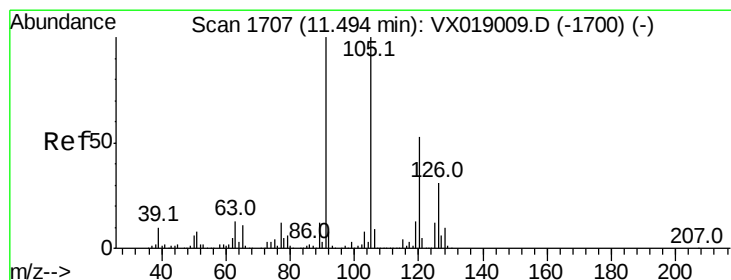
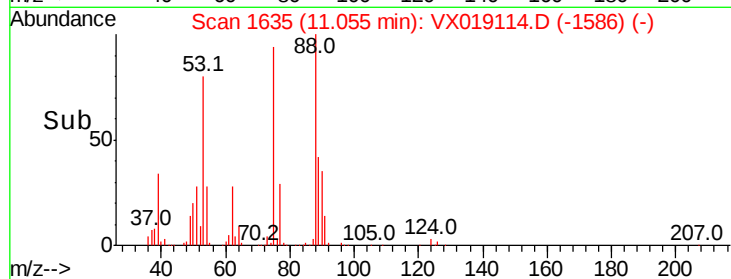
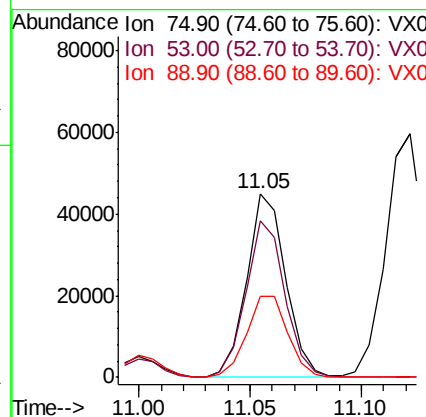
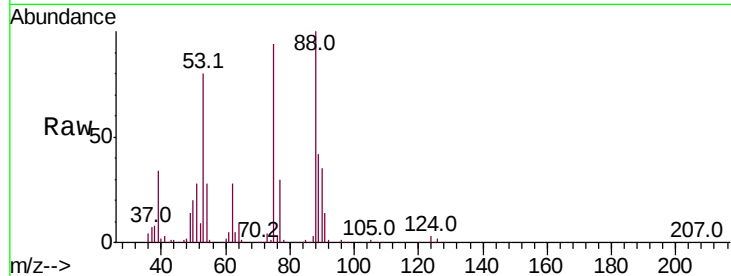




#81
trans-1,4-Dichloro-2-butene
Concen: 38.827 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

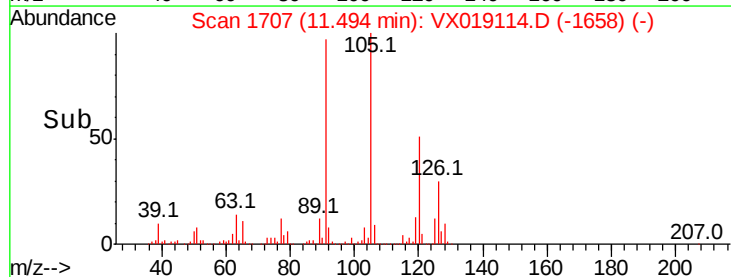
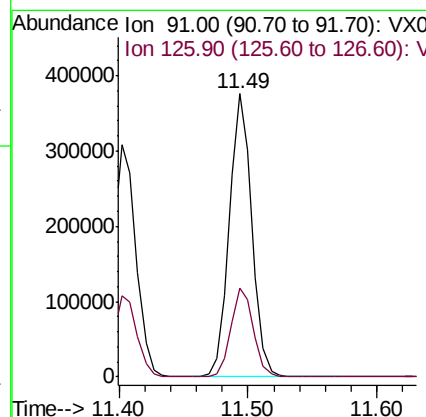
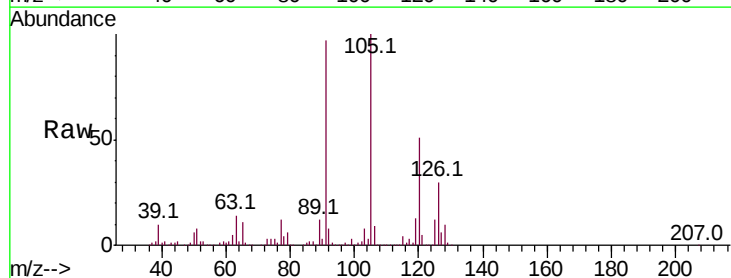
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

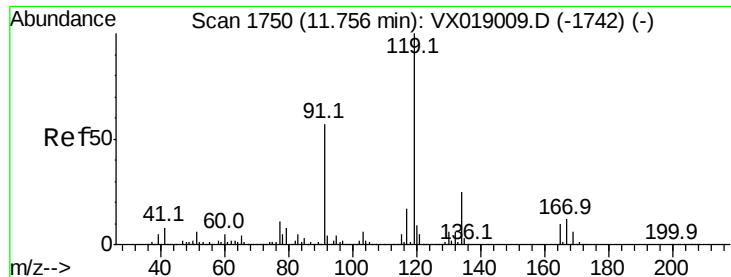
Tot Ion: 75 Resp: 54563
Ion Ratio Lower Upper
75 100
53 86.8 67.4 101.2
89 47.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 45.459 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion: 91 Resp: 460775
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.7

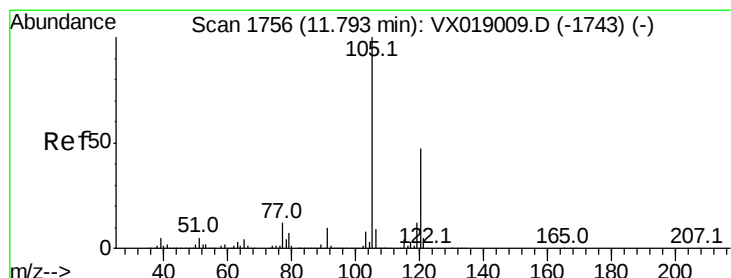
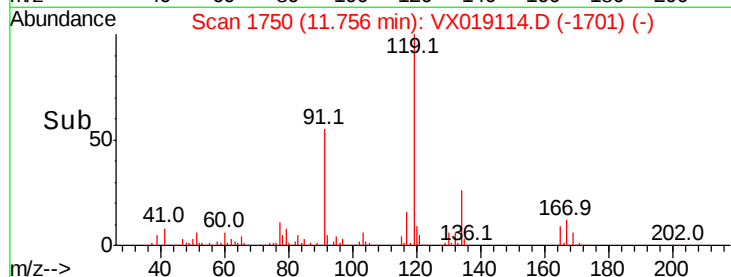
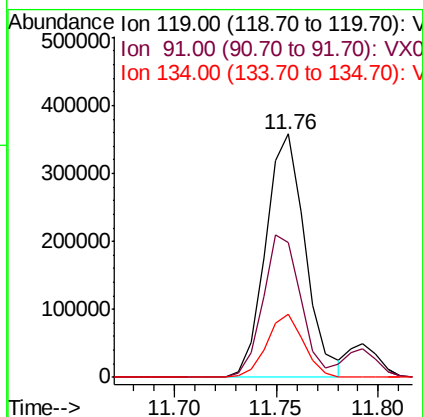
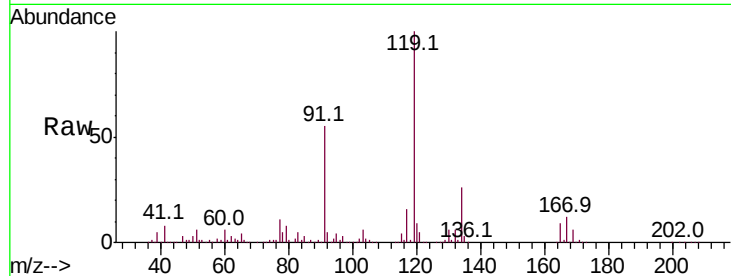




#83
tert-Butylbenzene
Concen: 46.134 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

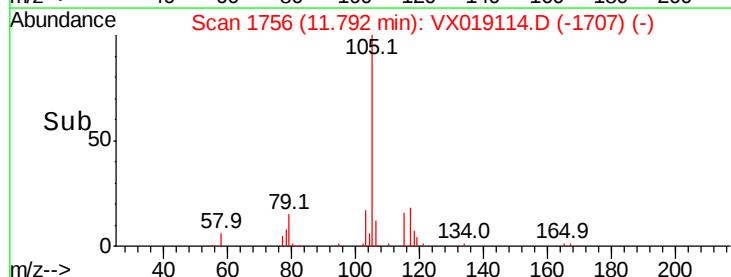
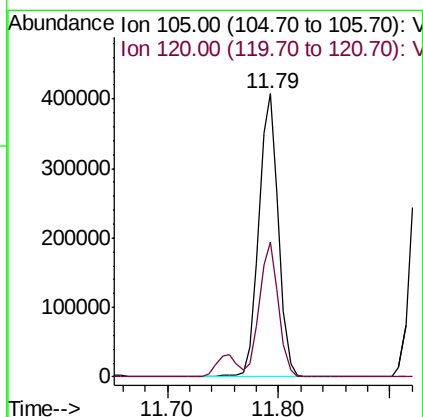
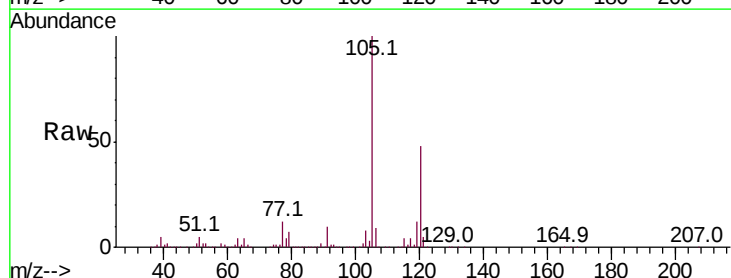
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

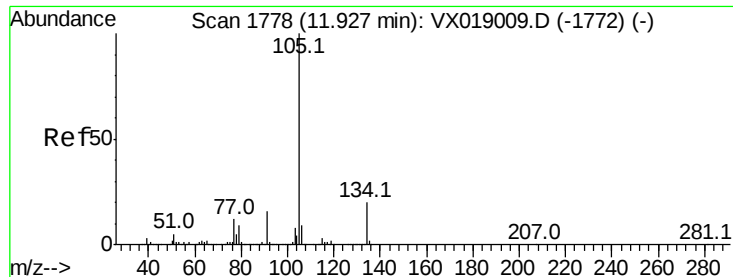
Tot Ion:119 Resp: 483622
Ion Ratio Lower Upper
119 100
91 56.0 28.1 84.4
134 24.1 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 46.856 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion:105 Resp: 499284
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.8





#85

sec-Butylbenzene

Concen: 45.270 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

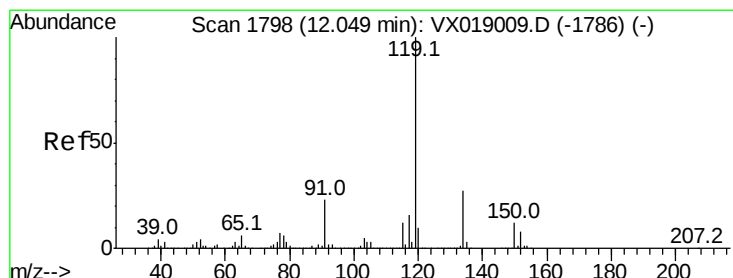
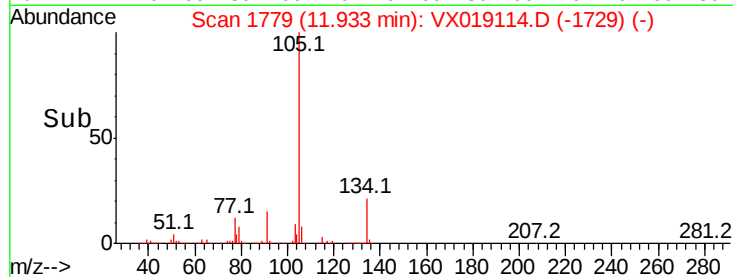
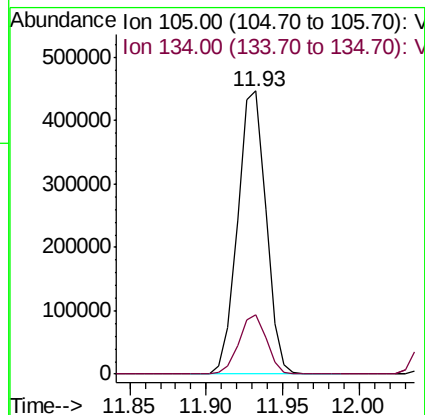
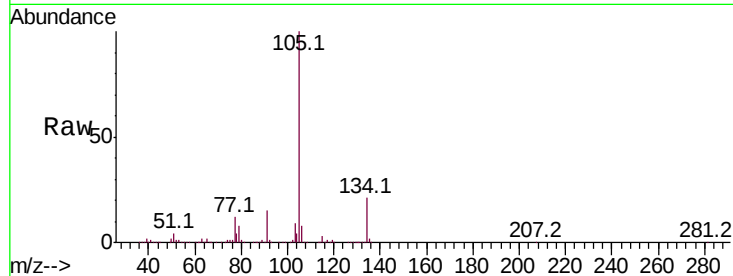
VSTDCCC050EC

Tot Ion:105 Resp: 574270

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 45.937 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

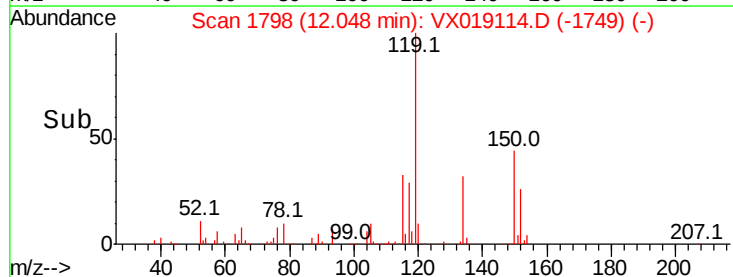
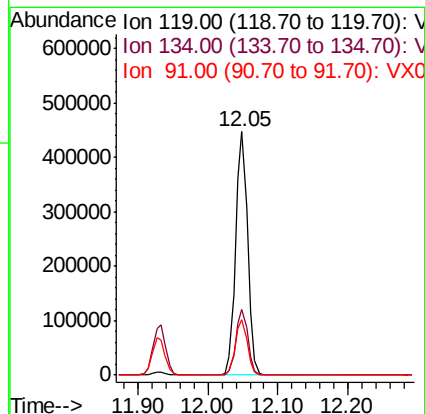
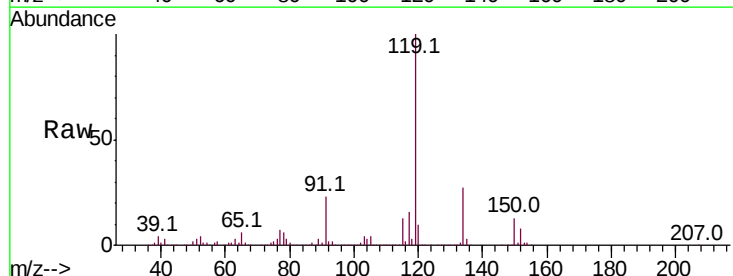
Tgt Ion:119 Resp: 532449

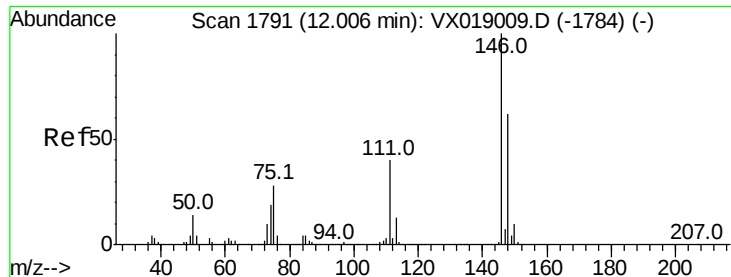
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.9 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 46.142 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

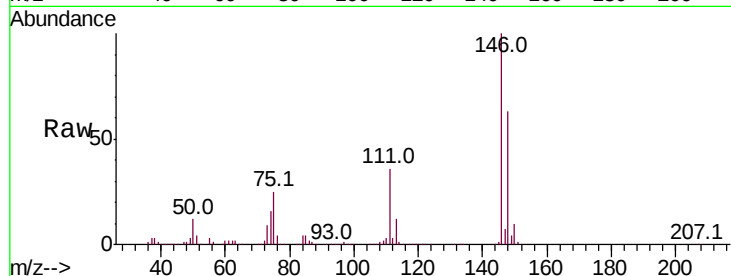
Tot Ion:146 Resp: 275466

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.1

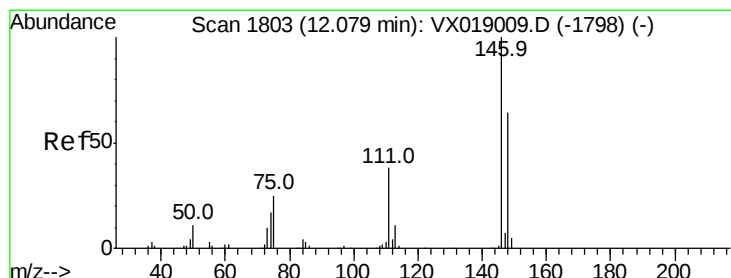
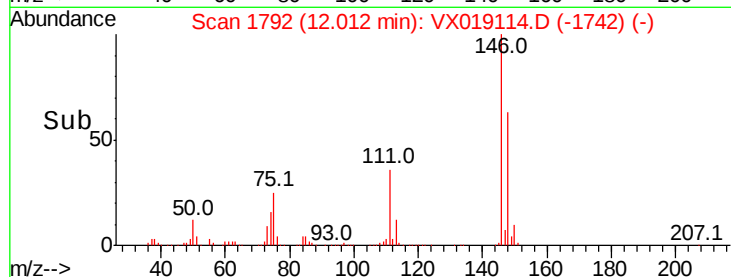
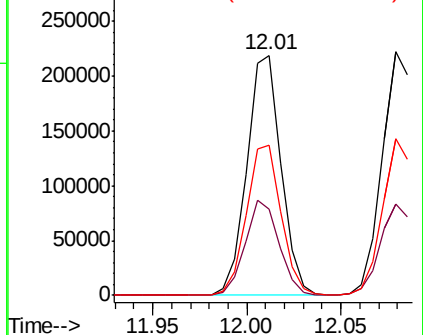
148 63.7 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 45.833 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

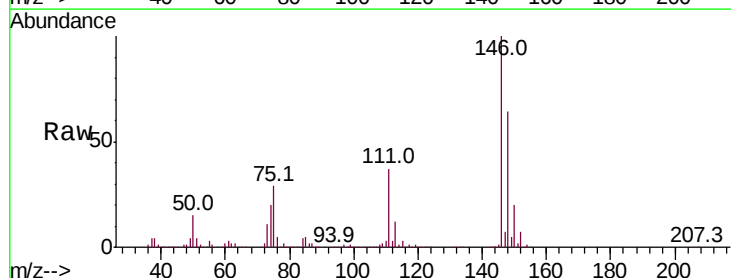
Tgt Ion:146 Resp: 280800

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.2

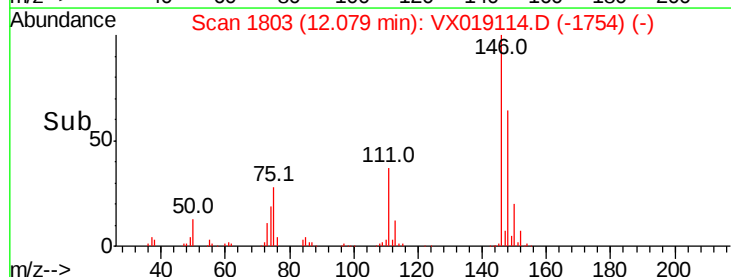
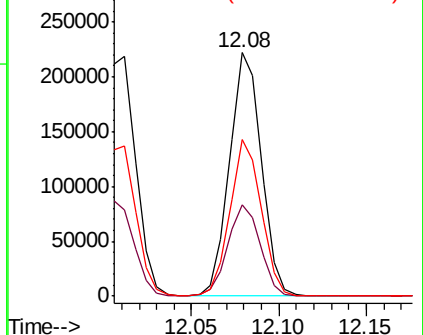
148 63.4 32.2 96.6

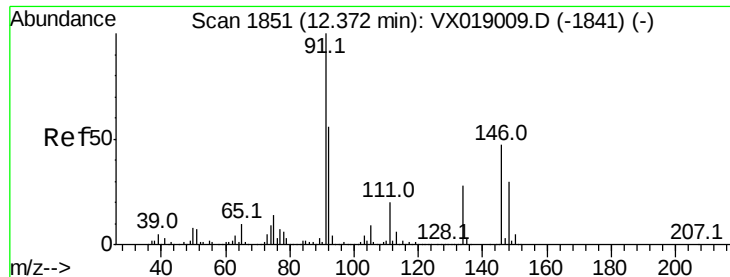


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

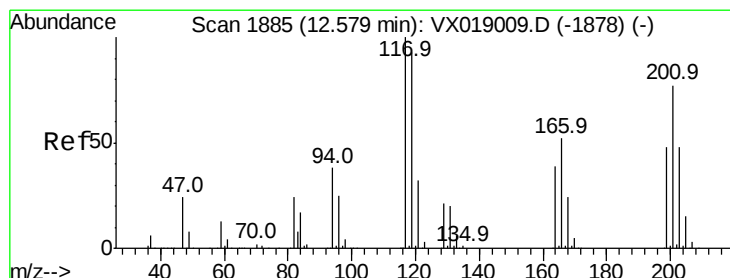
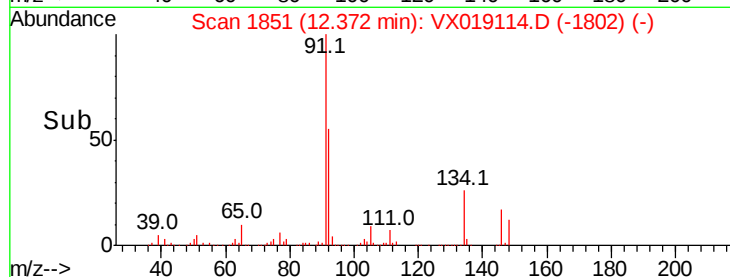
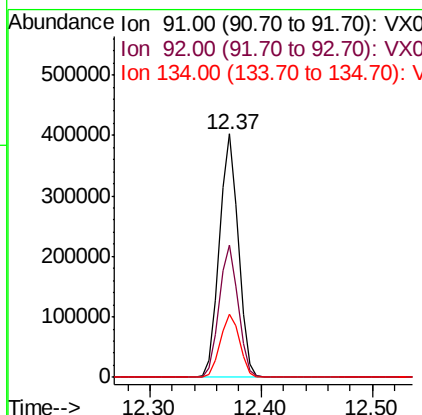
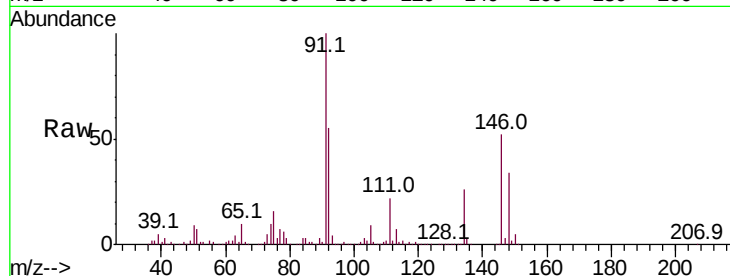




#89
n-Butylbenzene
Concen: 44.566 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

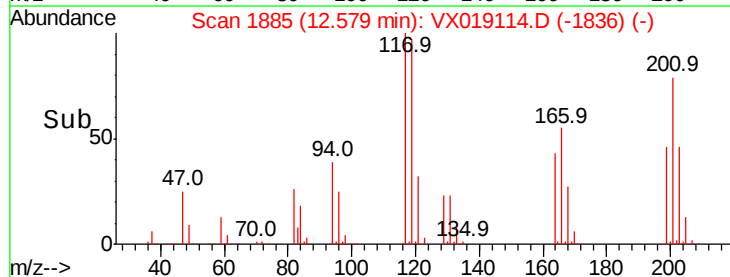
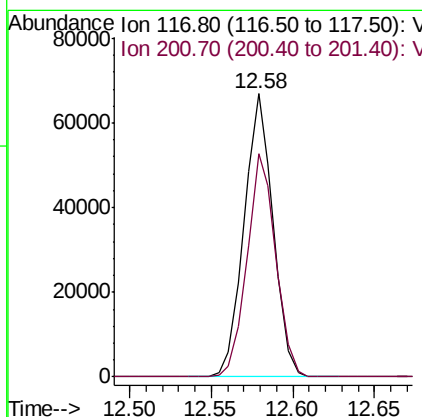
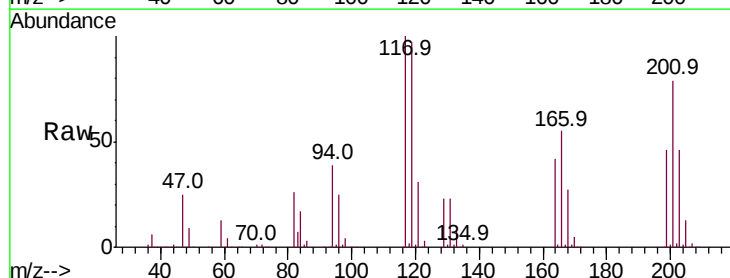
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

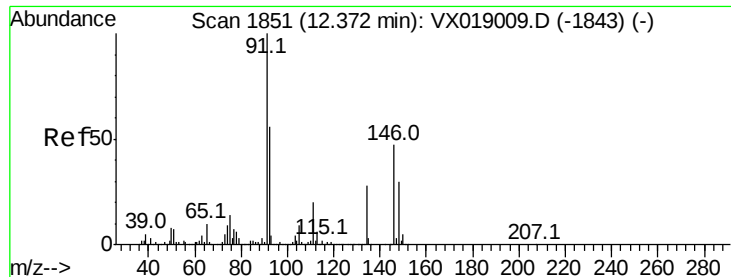
Tot Ion: 91 Resp: 472828
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.9
134 26.7 13.6 40.7



#90
Hexachloroethane
Concen: 46.695 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion: 117 Resp: 82858
Ion Ratio Lower Upper
117 100
201 78.1 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 49.209 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

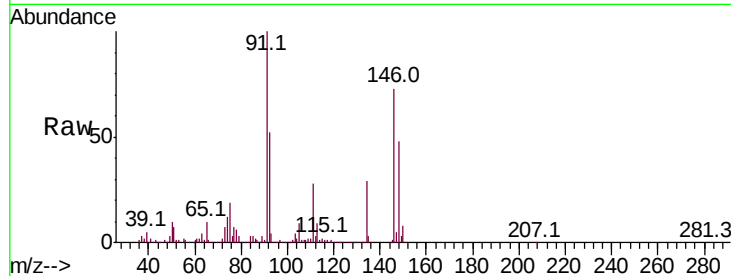
Tot Ion:146 Resp: 273909

Ion Ratio Lower Upper

146 100

111 40.5 19.9 59.7

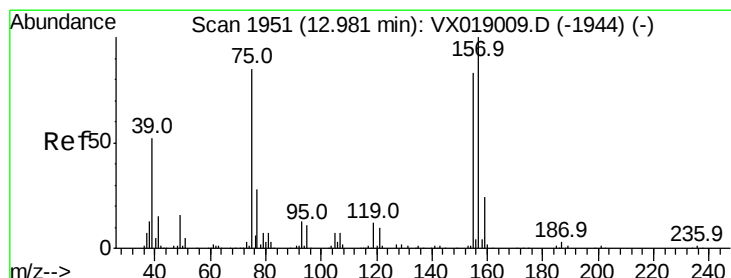
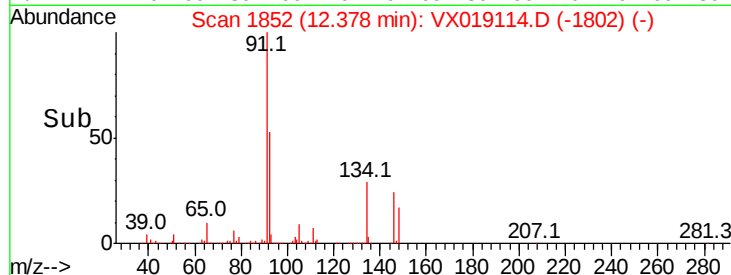
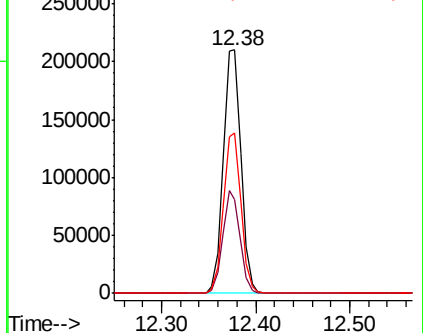
148 65.0 31.4 94.3



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: 45.855 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

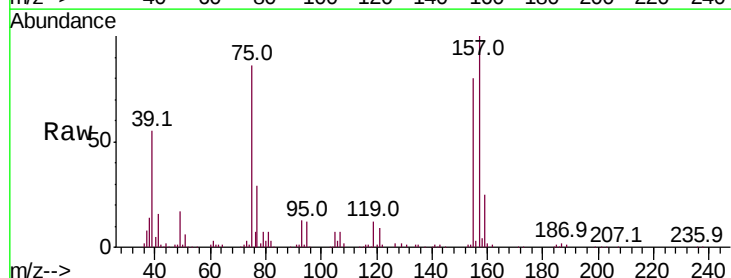
Tgt Ion: 75 Resp: 40535

Ion Ratio Lower Upper

75 100

155 96.2 47.3 142.0

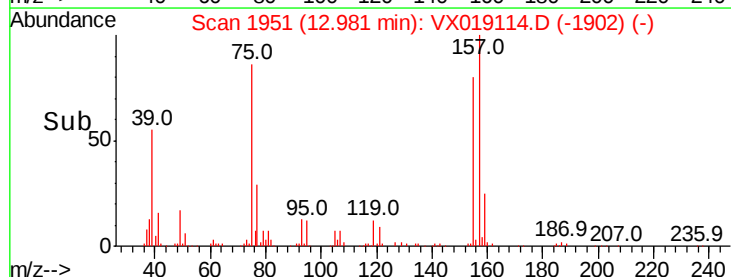
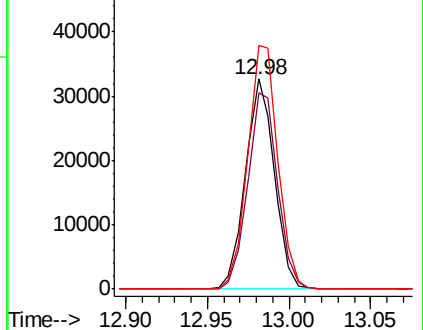
157 120.8 59.7 179.0

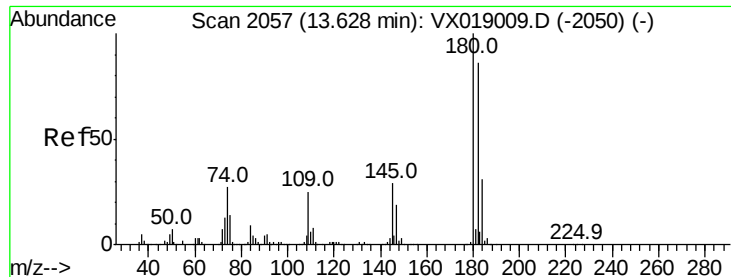


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

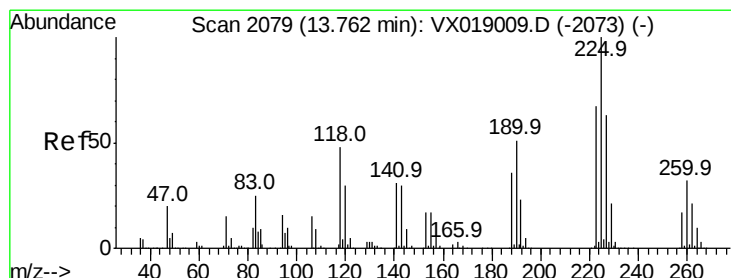
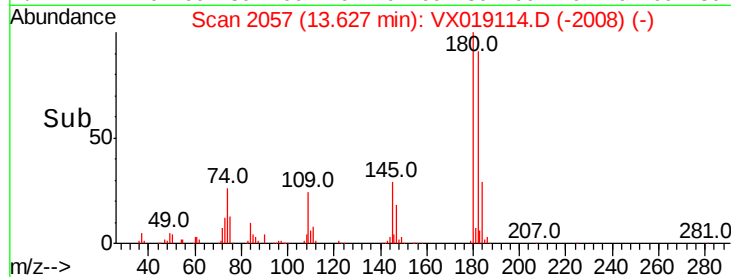
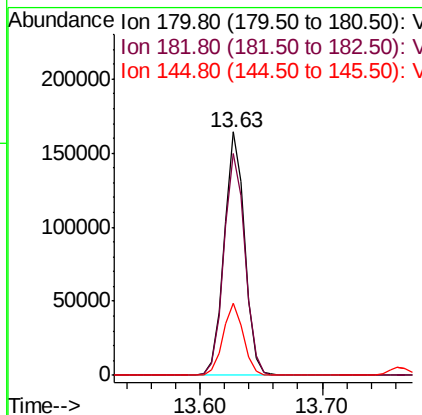
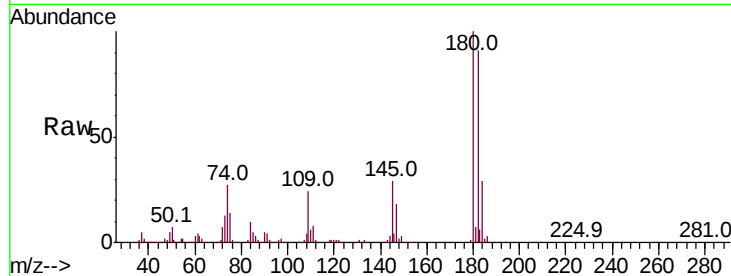




#93
 1,2,4-Trichlorobenzene
 Concen: 46.424 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

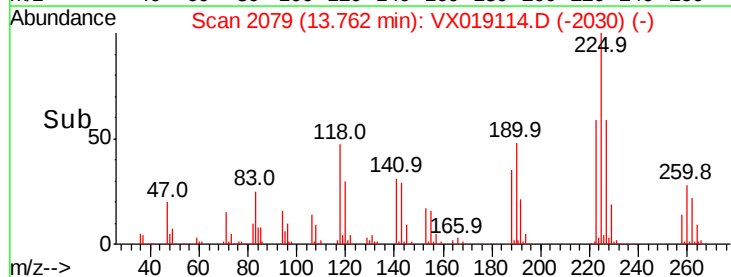
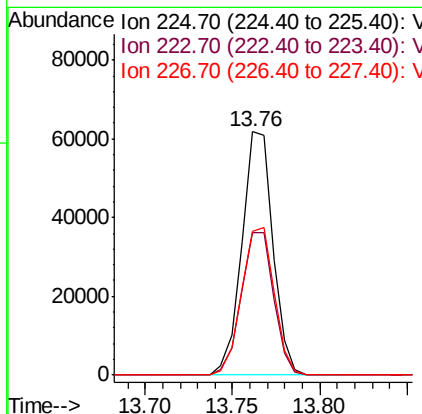
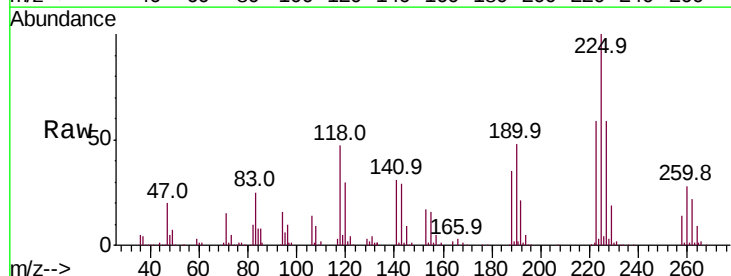
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

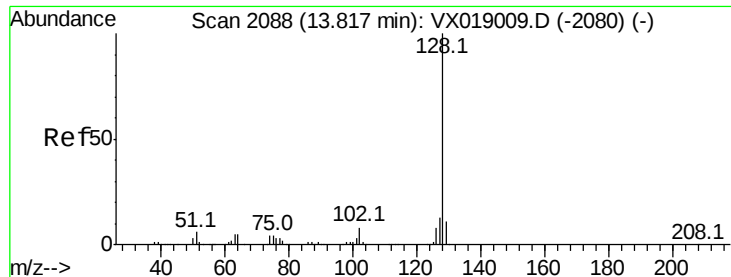
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.4	139.2
145	29.4	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 40.519 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	32.5	97.4
227	63.3	31.9	95.7





#95

Naphthalene

Concen: 48.004 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

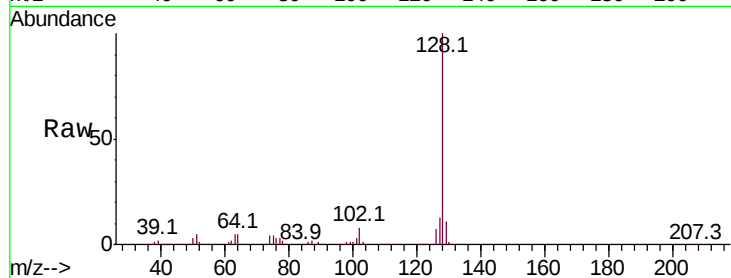
Tot Ion:128 Resp: 615069

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

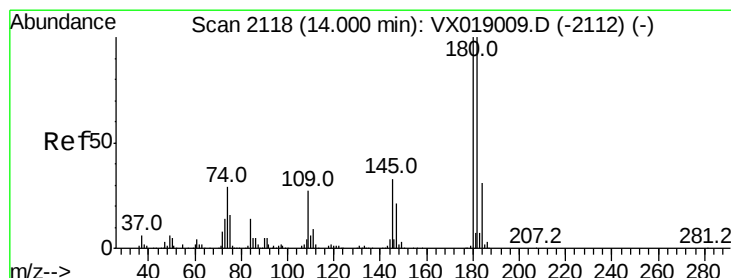
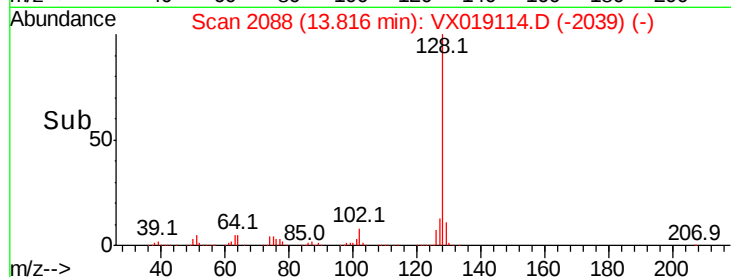
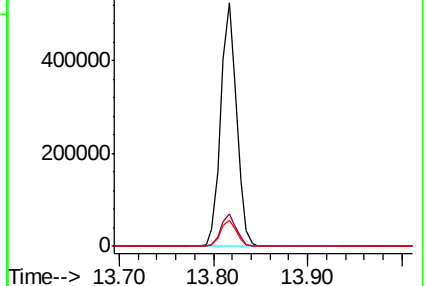
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.250 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

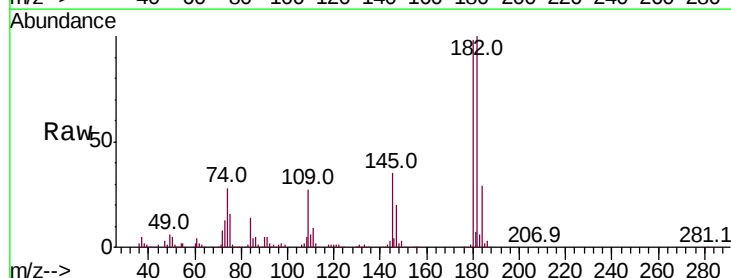
Tgt Ion:180 Resp: 183329

Ion Ratio Lower Upper

180 100

182 97.7 47.3 142.0

145 32.9 15.9 47.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

