

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120720\
 Data File : VX019746.D
 Acq On : 07 Dec 2020 11:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 08 05:55:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	313913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	496749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	460069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	189060	45.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.64%
35) Dibromofluoromethane	5.46	113	153908	47.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.88%
50) Toluene-d8	8.69	98	605245	49.38	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.76%
62) 4-Bromofluorobenzene	11.12	95	235519	50.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.98%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	157484	54.796	ug/l 100
3) Chloromethane	1.31	50	164069	48.541	ug/l 100
4) Vinyl Chloride	1.39	62	191777	53.811	ug/l 99
5) Bromomethane	1.62	94	71114	60.095	ug/l 100
6) Chloroethane	1.70	64	120125	56.110	ug/l 99
7) Trichlorofluoromethane	1.92	101	268995	54.197	ug/l 97
8) Diethyl Ether	2.17	74	111905	53.205	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	155877	54.792	ug/l 99
10) Methyl Iodide	2.49	142	197966	47.210	ug/l 98
11) Tert butyl alcohol	3.01	59	230845	272.396	ug/l 100
12) 1,1-Dichloroethene	2.36	96	155510	54.069	ug/l 98
13) Acrolein	2.27	56	129968	285.391	ug/l 99
14) Allyl chloride	2.70	41	258168	53.148	ug/l 99
15) Acrylonitrile	3.11	53	495930	265.895	ug/l 100
16) Acetone	2.42	43	435749	280.990	ug/l 100
17) Carbon Disulfide	2.55	76	426062	51.628	ug/l 100
18) Methyl Acetate	2.75	43	204949	54.007	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	573491	54.752	ug/l 99
20) Methylene Chloride	2.83	84	190005	53.776	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	180785	53.915	ug/l 99
22) Diisopropyl ether	3.82	45	530710	54.037	ug/l 97
23) Vinyl Acetate	3.78	43	2299792	274.858	ug/l 100
24) 1,1-Dichloroethane	3.67	63	315145	53.212	ug/l 100
25) 2-Butanone	4.62	43	653898	274.412	ug/l 99
26) 2,2-Dichloropropane	4.54	77	280162	54.931	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	209139	53.297	ug/l 98
28) Bromochloromethane	4.97	49	134509	47.643	ug/l 98
29) Tetrahydrofuran	5.08	42	409858	266.961	ug/l 100
30) Chloroform	5.17	83	327340	53.753	ug/l 99
31) Cyclohexane	5.54	56	278312	54.230	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	285982	54.532	ug/l 99
36) 1,1-Dichloropropene	5.76	75	245081	54.598	ug/l 100
37) Ethyl Acetate	4.78	43	247696	54.653	ug/l 99
38) Carbon Tetrachloride	5.74	117	246755	56.136	ug/l 99

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 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 08 05:55:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	302257	57.313	ug/l	99
40) Benzene	6.10	78	748374	54.578	ug/l	100
41) Methacrylonitrile	4.99	41	138472	55.648	ug/l	99
42) 1,2-Dichloroethane	6.15	62	255810	54.603	ug/l	100
43) Isopropyl Acetate	6.40	43	404216	54.858	ug/l	100
44) Trichloroethene	7.18	130	196664	54.664	ug/l	100
45) 1,2-Dichloropropane	7.48	63	187409	54.686	ug/l	98
46) Dibromomethane	7.63	93	127746	55.199	ug/l	99
47) Bromodichloromethane	7.87	83	257670	56.109	ug/l	99
48) Methyl methacrylate	7.74	41	199988	55.186	ug/l	99
49) 1,4-Dioxane	7.71	88	98113	1117.628	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1263794	280.927	ug/l	100
52) Toluene	8.76	92	475785	55.479	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	291939	57.288	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	316031	57.083	ug/l	99
55) 1,1,2-Trichloroethane	9.19	97	191955	55.542	ug/l	98
56) Ethyl methacrylate	9.15	69	301574	57.675	ug/l	99
57) 1,3-Dichloropropane	9.35	76	321702	54.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	830895	299.960	ug/l	98
59) 2-Hexanone	9.47	43	1005120	288.244	ug/l	99
60) Dibromochloromethane	9.56	129	206042	58.680	ug/l	99
61) 1,2-Dibromoethane	9.65	107	203302	55.398	ug/l	99
64) Tetrachloroethene	9.32	164	173023	56.080	ug/l	96
65) Chlorobenzene	10.12	112	506958	55.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	187738	56.907	ug/l	99
67) Ethyl Benzene	10.23	91	915579	56.275	ug/l	99
68) m/p-Xylenes	10.34	106	696884	113.671	ug/l	100
69) o-Xylene	10.68	106	338608	57.416	ug/l	97
70) Styrene	10.70	104	577424	58.008	ug/l	99
71) Bromoform	10.84	173	156572	60.329	ug/l #	100
73) Isopropylbenzene	11.00	105	900716	55.712	ug/l	99
74) N-amyl acetate	10.88	43	354947	54.785	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	308436	54.112	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	366150	68.988	ug/l	88
77) Bromobenzene	11.24	156	228856	55.314	ug/l	97
78) n-propylbenzene	11.34	91	1041339	56.394	ug/l	100
79) 2-Chlorotoluene	11.40	91	624865	54.951	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	763839	55.981	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	109469	59.624	ug/l	97
82) 4-Chlorotoluene	11.49	91	733479	55.075	ug/l	99
83) tert-Butylbenzene	11.76	119	754595	56.388	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	778457	56.637	ug/l	100
85) sec-Butylbenzene	11.93	105	875008	57.270	ug/l	100
86) p-Isopropyltoluene	12.05	119	813212	58.076	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	408186	53.754	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	414116	53.543	ug/l	99
89) n-Butylbenzene	12.37	91	716361	57.744	ug/l	100
90) Hexachloroethane	12.58	117	142346	58.882	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	393484	53.156	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65962	53.831	ug/l	99

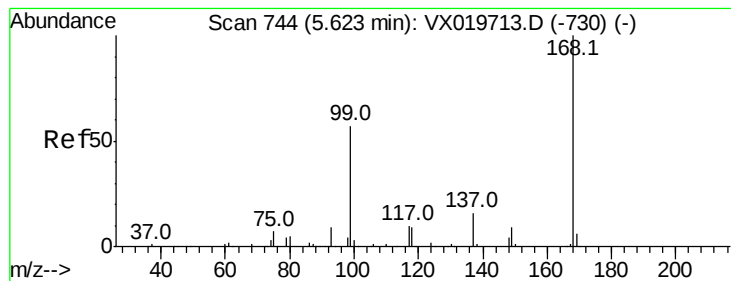
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QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	265316	55.060	ug/l	98
94) Hexachlorobutadiene	13.76	225	120581	55.987	ug/l	99
95) Naphthalene	13.82	128	880956	56.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	259437	55.091	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

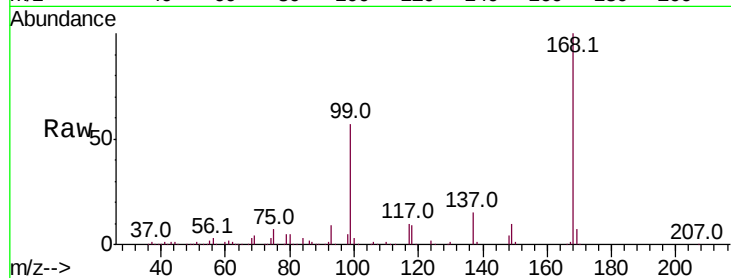
VSTDCCC050

Tot Ion:168 Resp: 313913

Ion Ratio Lower Upper

168 100

99 56.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

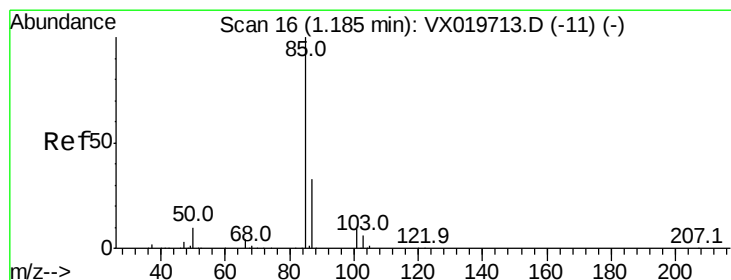
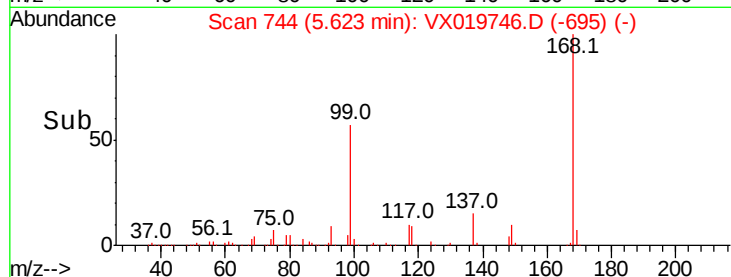
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.796 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019746.D

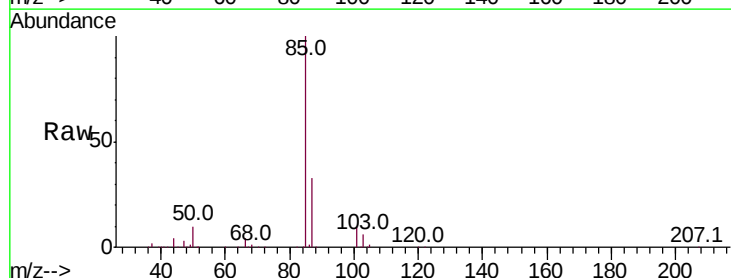
Acq: 07 Dec 2020 11:47

Tgt Ion: 85 Resp: 157484

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

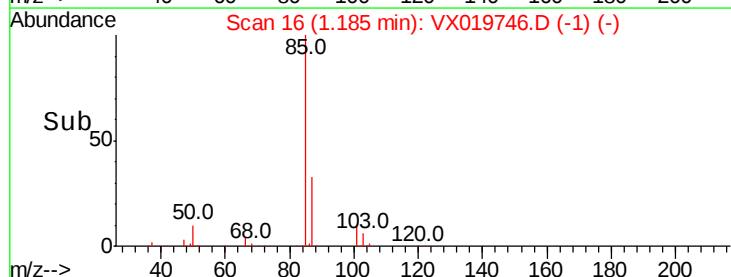
150000

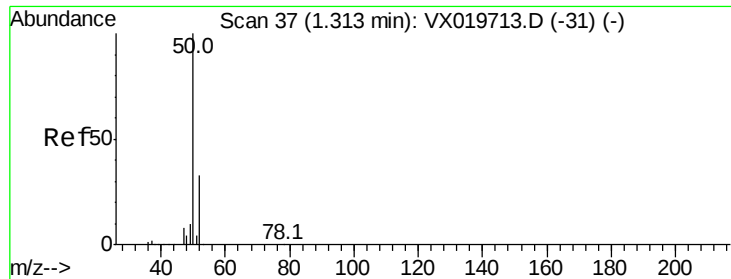
100000

50000

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Time-->





#3

Chloromethane

Concen: 48.541 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

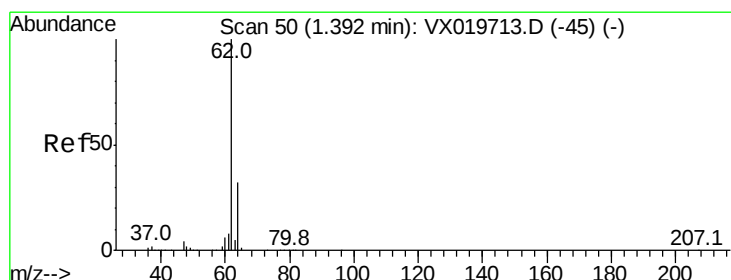
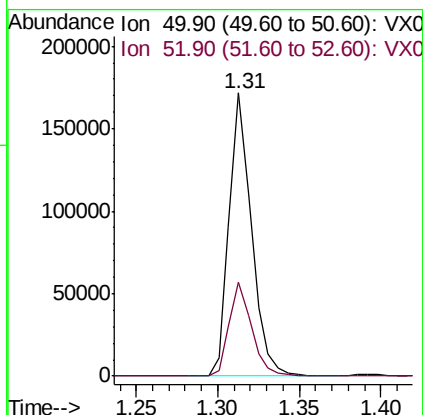
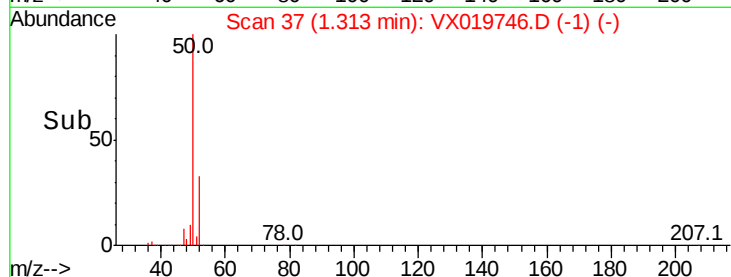
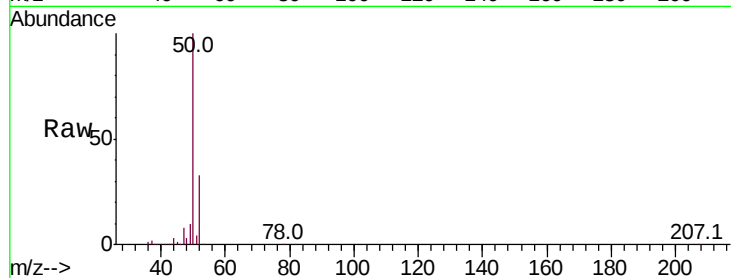
VSTDCCC050

Tot Ion: 50 Resp: 164069

Ion Ratio Lower Upper

50 100

52 33.2 26.4 39.6



#4

Vinyl Chloride

Concen: 53.811 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019746.D

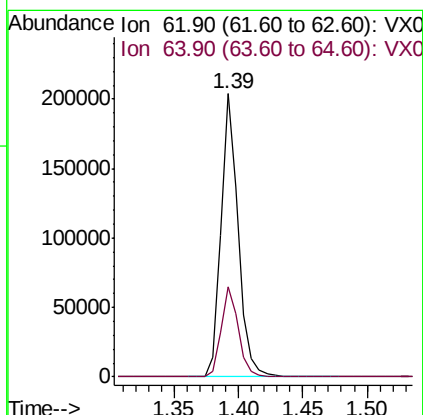
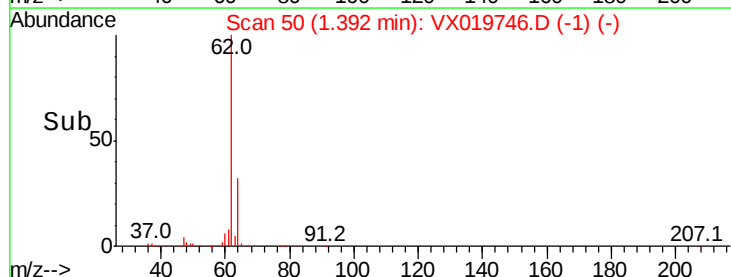
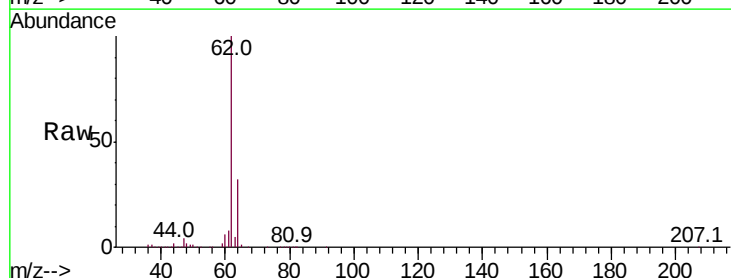
Acq: 07 Dec 2020 11:47

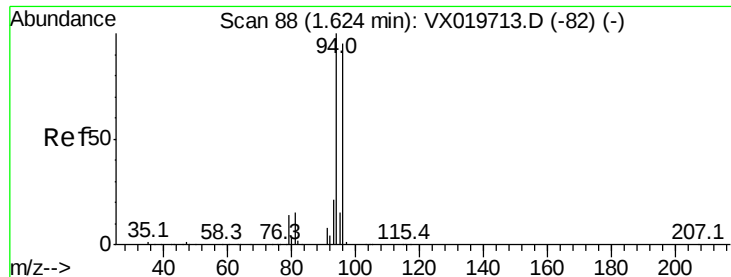
Tgt Ion: 62 Resp: 191777

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 60.095 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

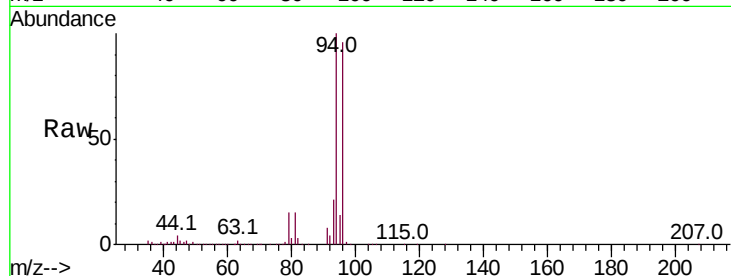
VSTDCCC050

Tot Ion: 94 Resp: 71114

Ion Ratio Lower Upper

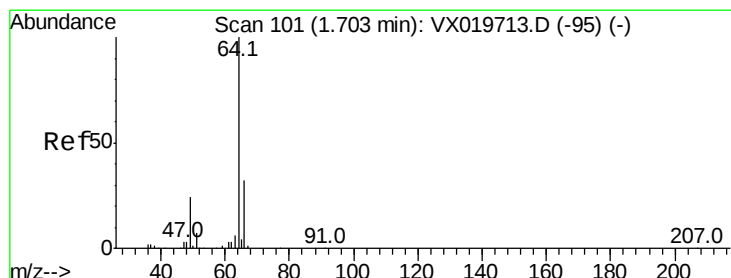
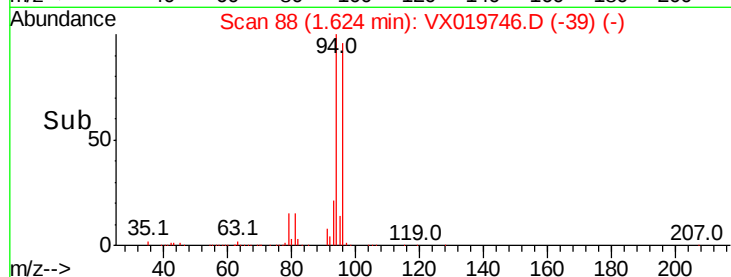
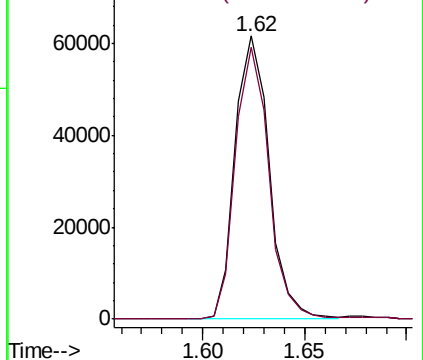
94 100

96 95.9 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.110 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019746.D

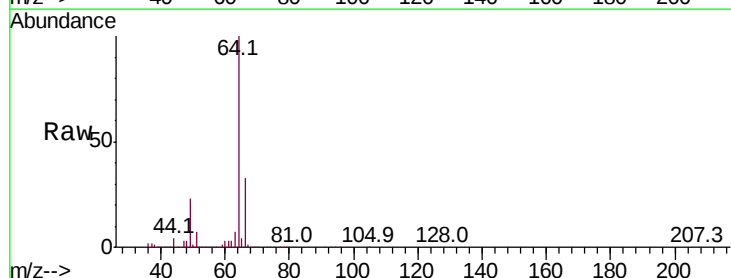
Acq: 07 Dec 2020 11:47

Tgt Ion: 64 Resp: 120125

Ion Ratio Lower Upper

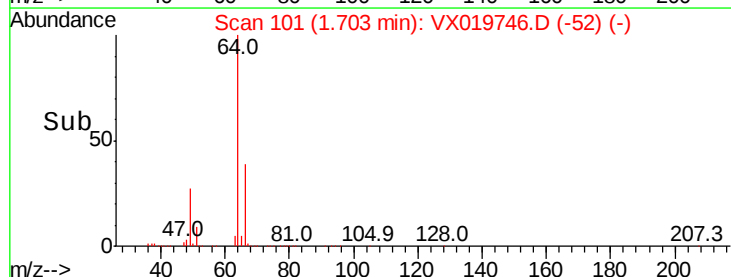
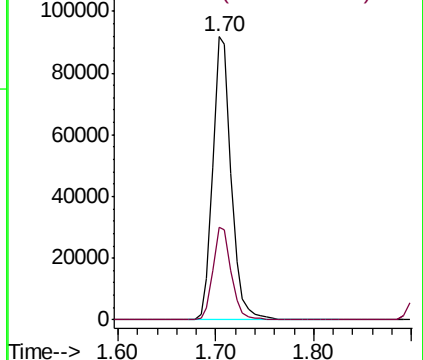
64 100

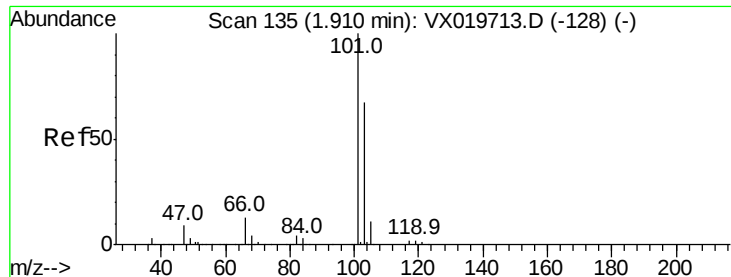
66 32.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



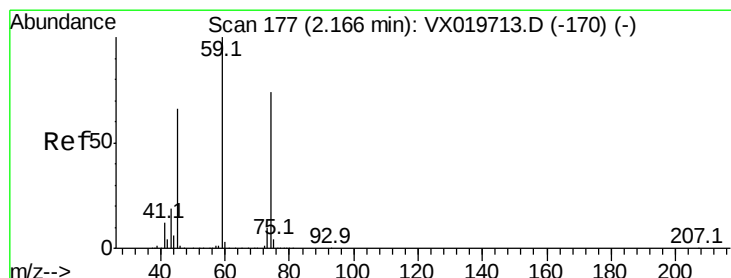
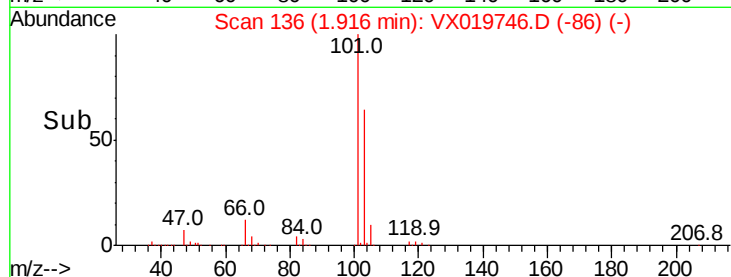
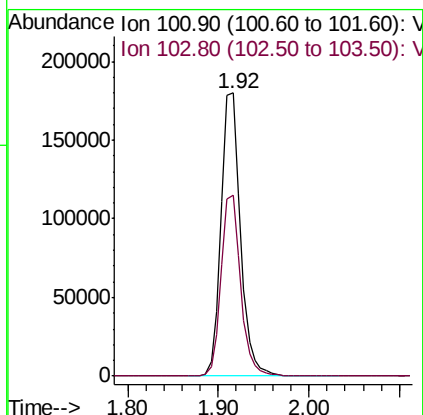
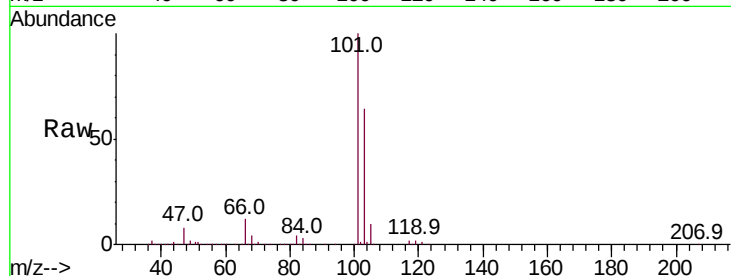


#7

Trichlorofluoromethane
Concen: 54.197 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

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ClientSampleId :
VSTDCCC050

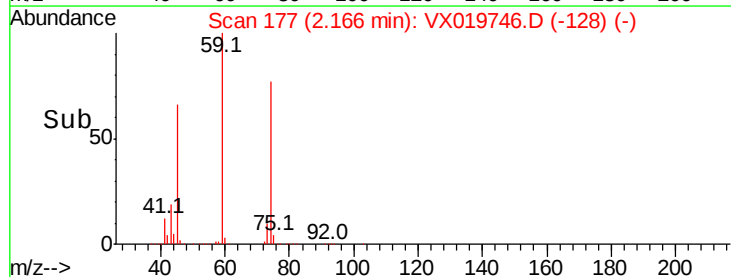
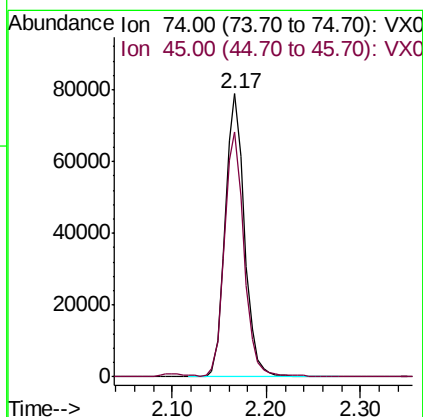
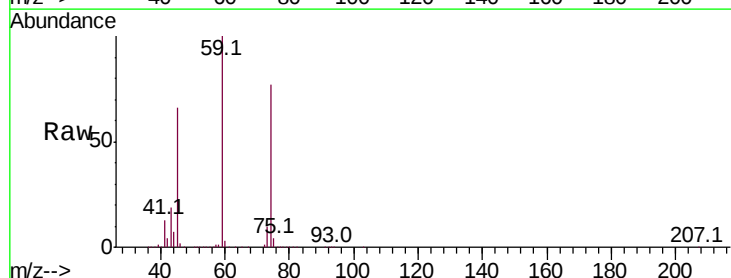
Tot Ion:101 Resp: 268995
Ion Ratio Lower Upper
101 100
103 63.9 53.2 79.8

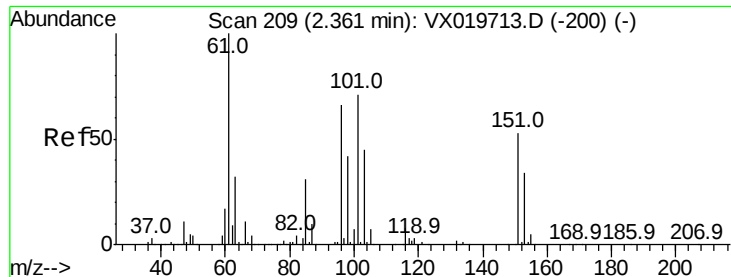


#8

Diethyl Ether
Concen: 53.205 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion: 74 Resp: 111905
Ion Ratio Lower Upper
74 100
45 88.0 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.792 ug/l

RT: 2.36 min Scan# 209

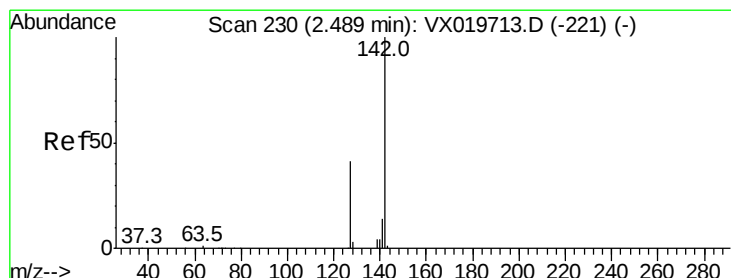
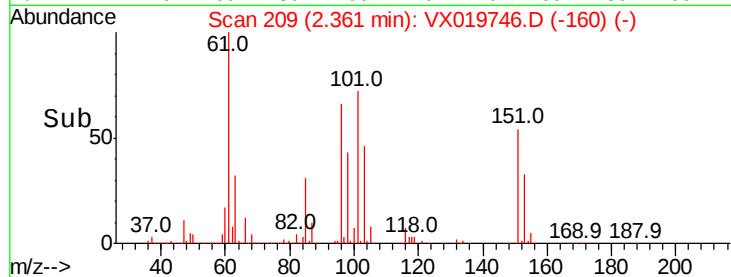
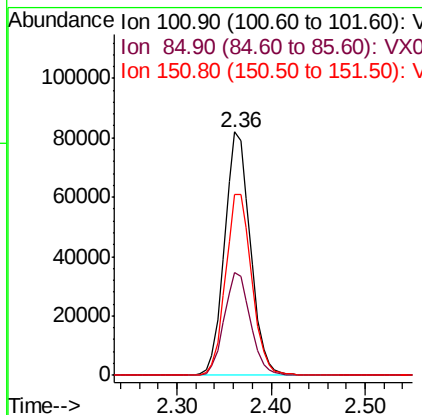
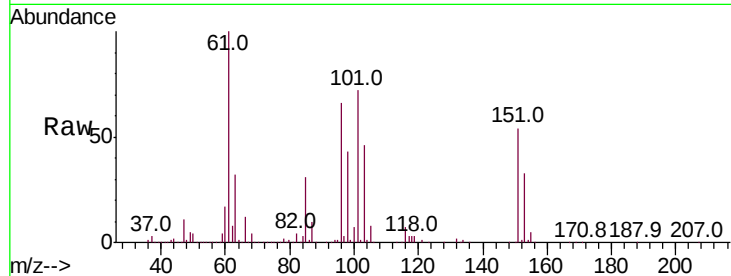
Delta R.T. -0.00 min

Lab File: VX019746.D

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Tot Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.9	52.3
151	75.7	61.4	92.2



#10

Methyl Iodide

Concen: 47.210 ug/l

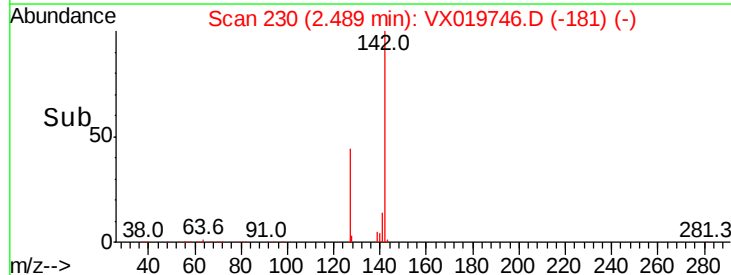
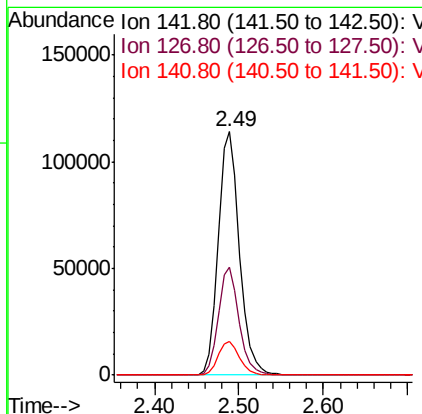
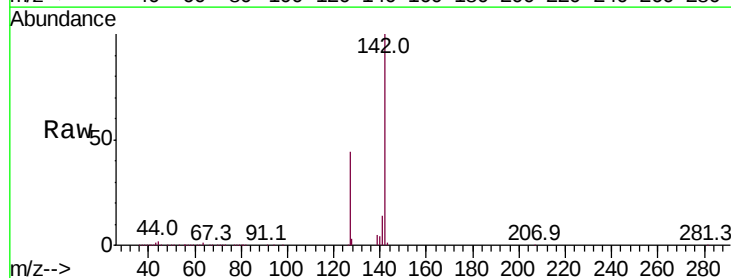
RT: 2.49 min Scan# 230

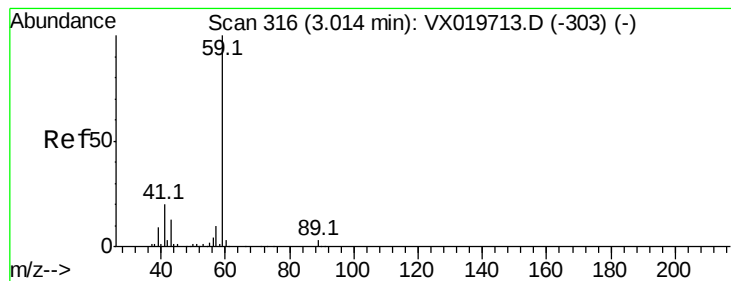
Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.2	33.3	49.9
141	14.1	11.4	17.0



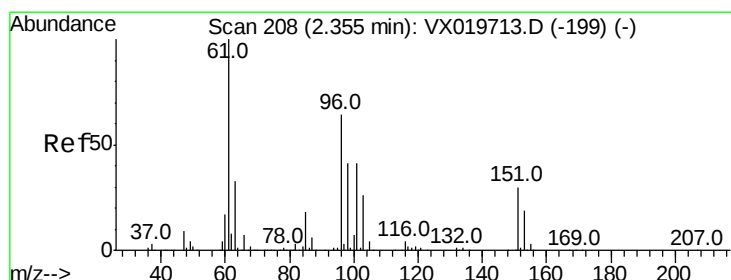
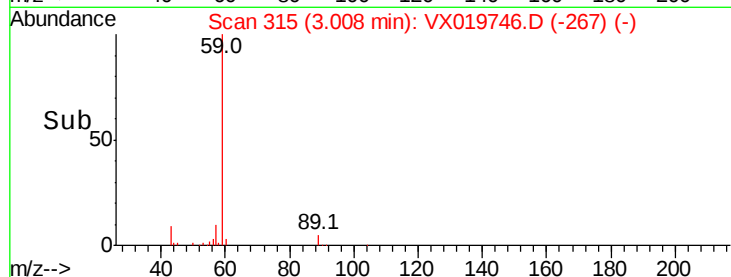
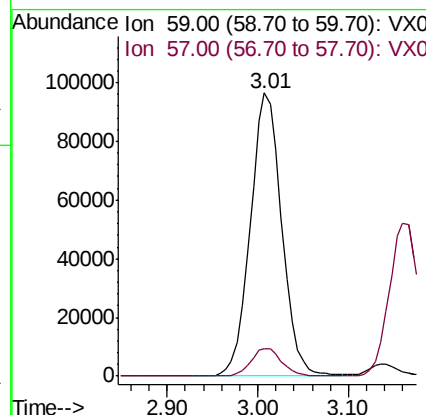
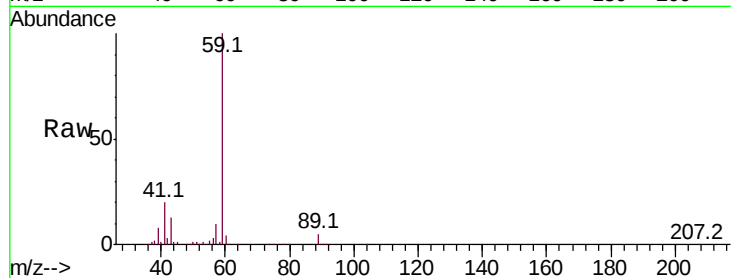


#11

Tert butyl alcohol
Concen: 272.396 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

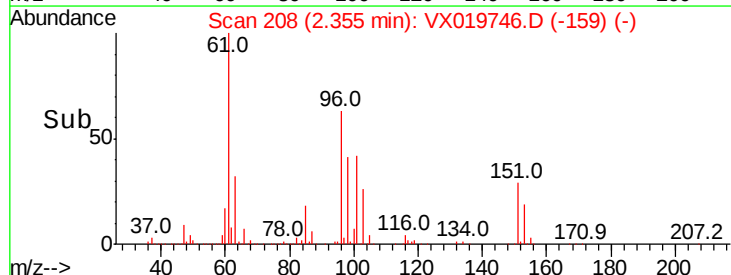
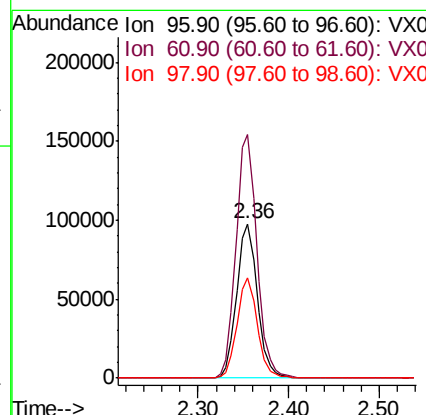
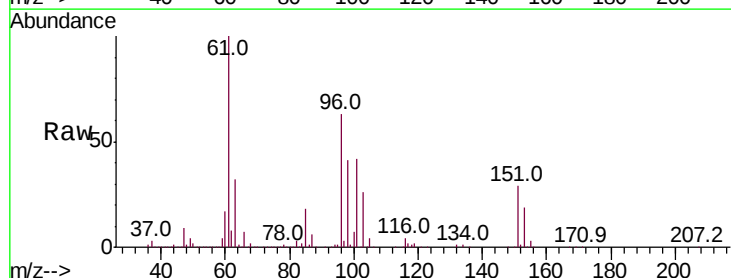
Tot Ion: 59 Resp: 230845
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8

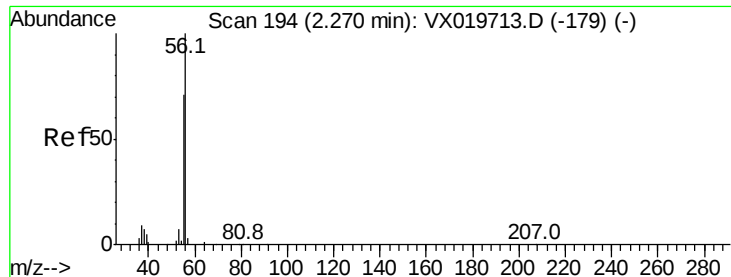


#12

1,1-Dichloroethene
Concen: 54.069 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion: 96 Resp: 155510
Ion Ratio Lower Upper
96 100
61 157.9 124.6 187.0
98 64.8 50.6 76.0





#13

Acrolein

Concen: 285.391 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

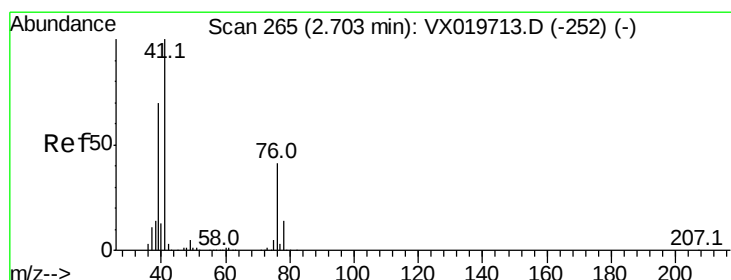
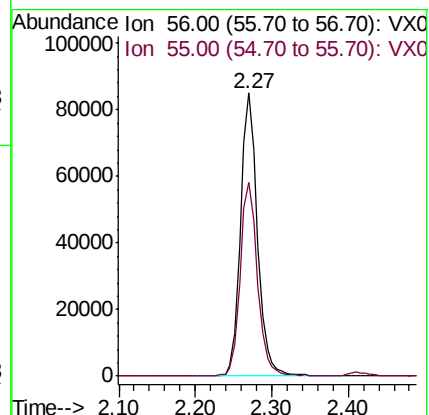
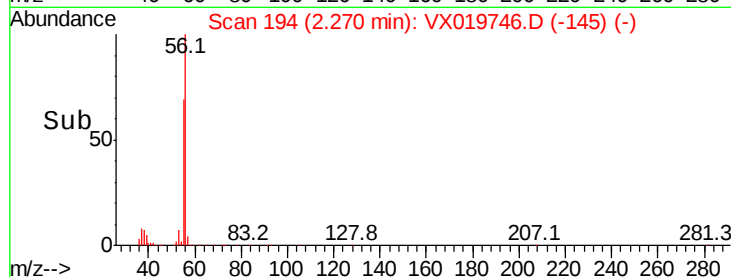
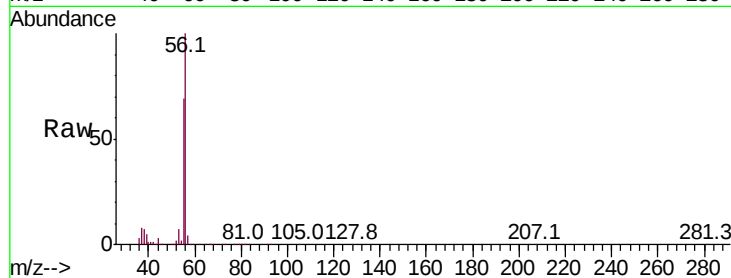
VSTDCCC050

Tot Ion: 56 Resp: 129968

Ion Ratio Lower Upper

56 100

55 69.9 56.4 84.6



#14

Allyl chloride

Concen: 53.148 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

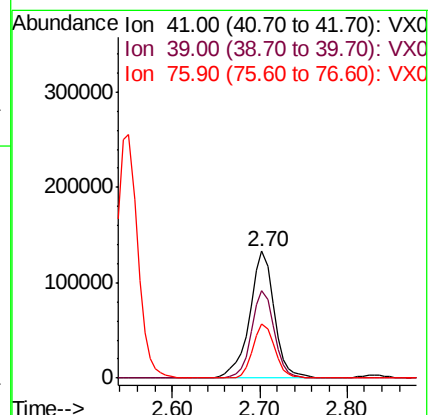
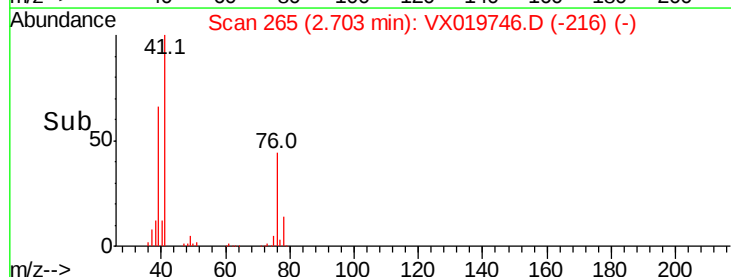
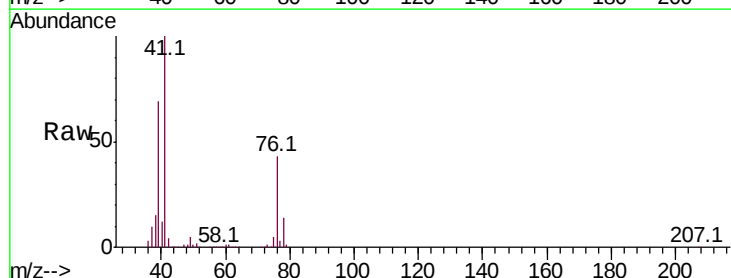
Tgt Ion: 41 Resp: 258168

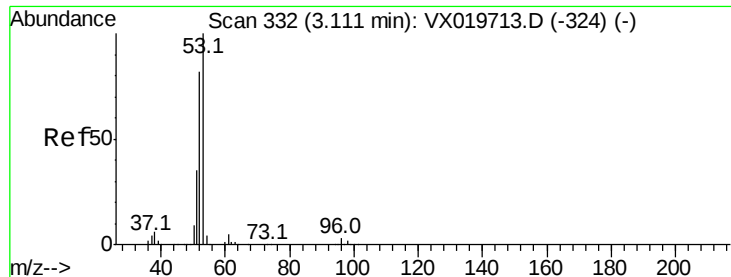
Ion Ratio Lower Upper

41 100

39 63.8 51.6 77.4

76 38.1 30.5 45.7





#15

Acrylonitrile

Concen: 265.895 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

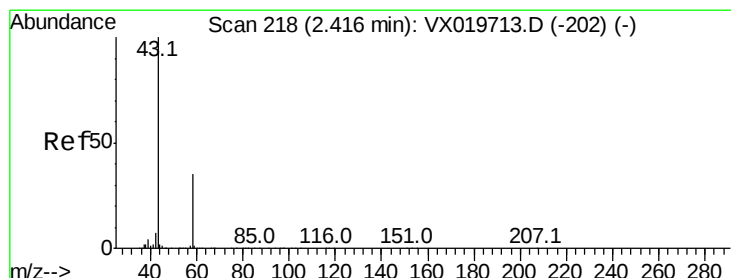
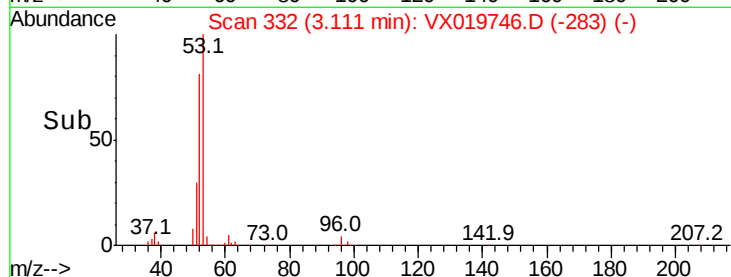
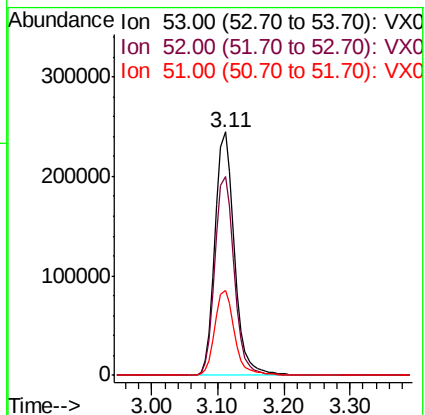
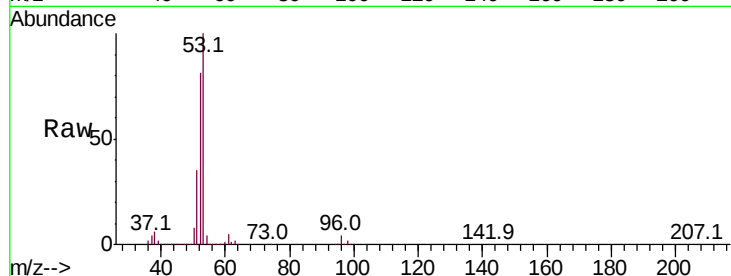
Tot Ion: 53 Resp: 495930

Ion Ratio Lower Upper

53 100

52 81.8 65.3 97.9

51 35.3 28.2 42.2



#16

Acetone

Concen: 280.990 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019746.D

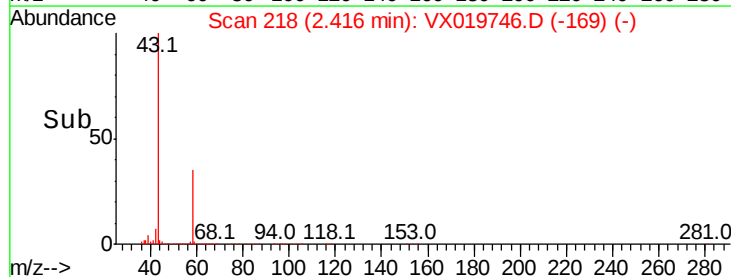
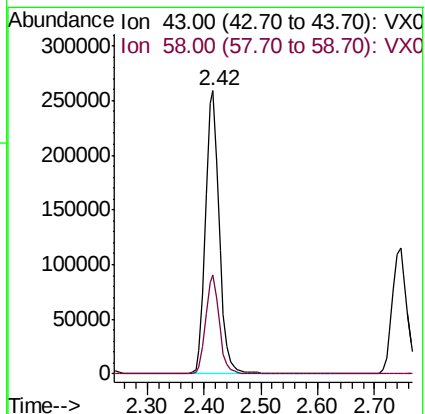
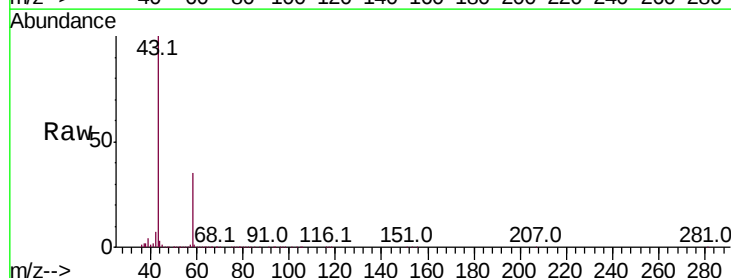
Acq: 07 Dec 2020 11:47

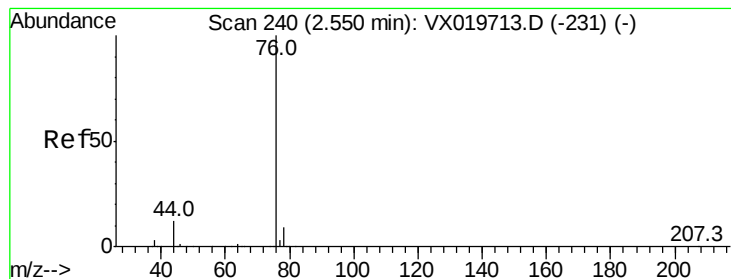
Tgt Ion: 43 Resp: 435749

Ion Ratio Lower Upper

43 100

58 35.0 27.8 41.8





#17

Carbon Disulfide

Concen: 51.628 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

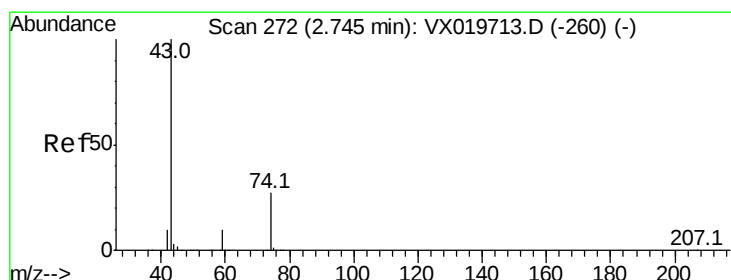
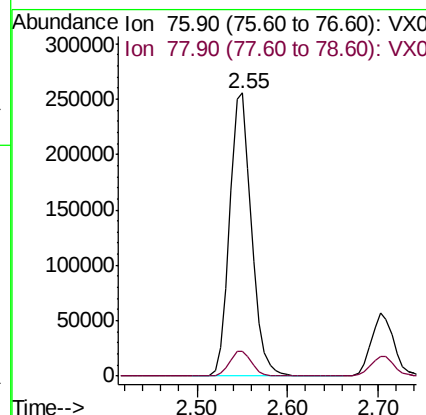
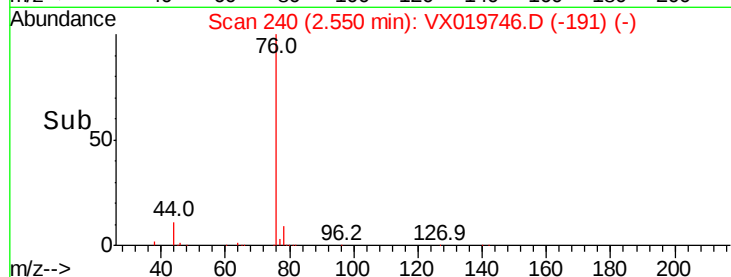
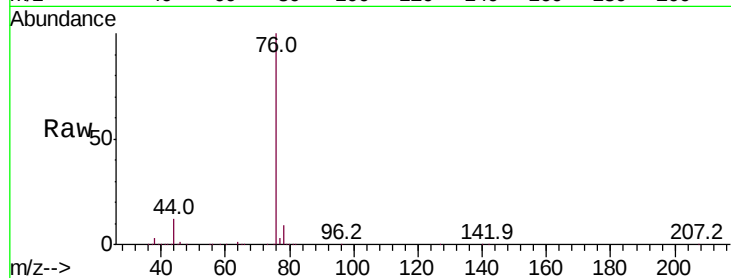
VSTDCCC050

Tot Ion: 76 Resp: 426062

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 54.007 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019746.D

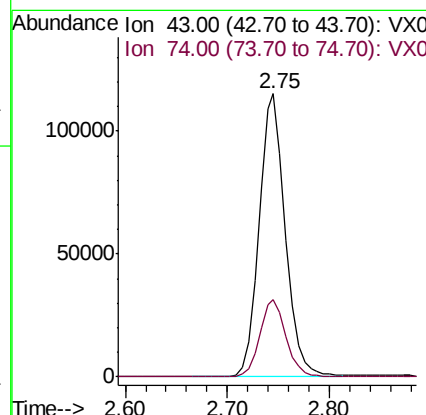
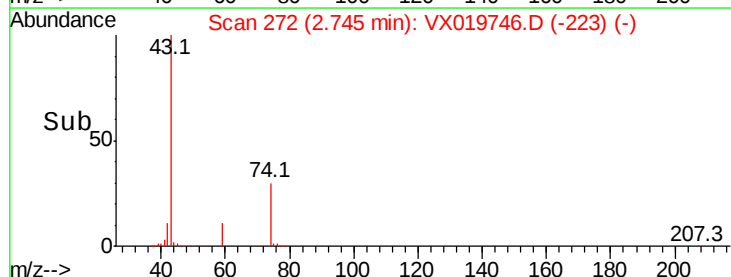
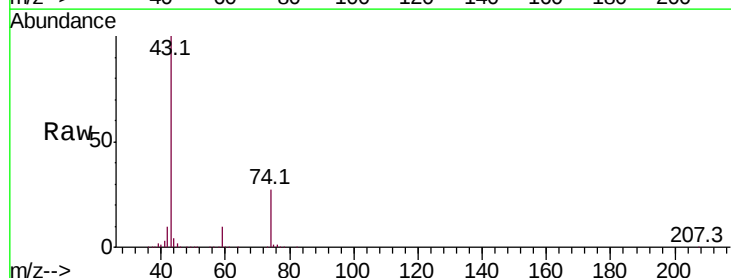
Acq: 07 Dec 2020 11:47

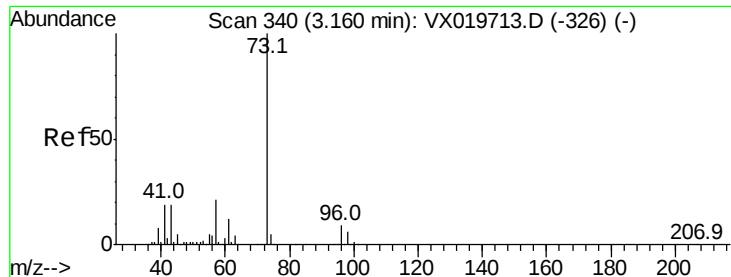
Tgt Ion: 43 Resp: 204949

Ion Ratio Lower Upper

43 100

74 28.0 21.9 32.9

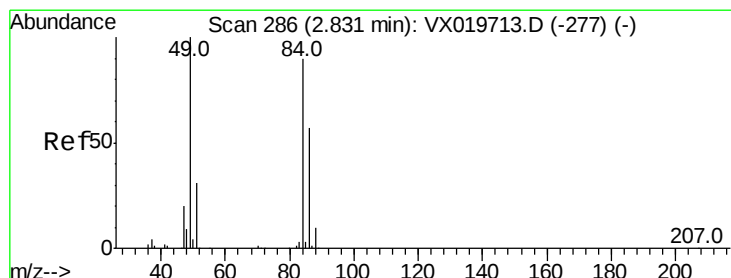
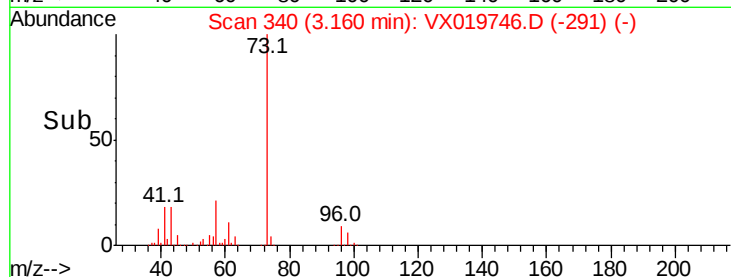
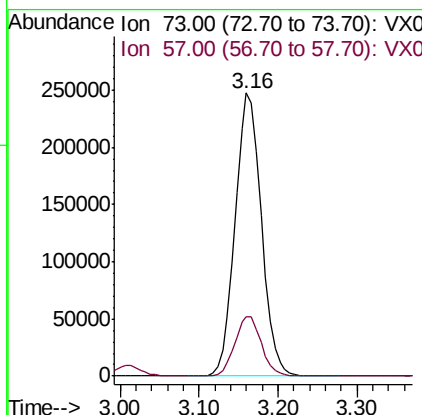
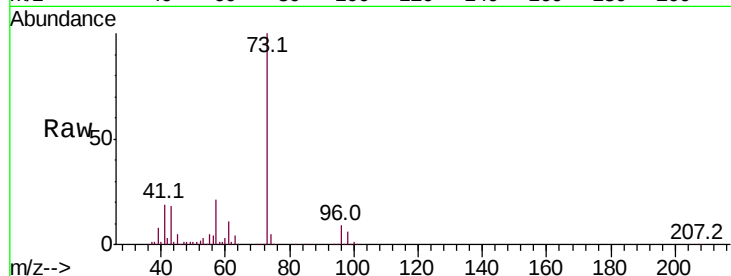




#19
Methvl tert-butvl Ether
Concen: 54.752 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

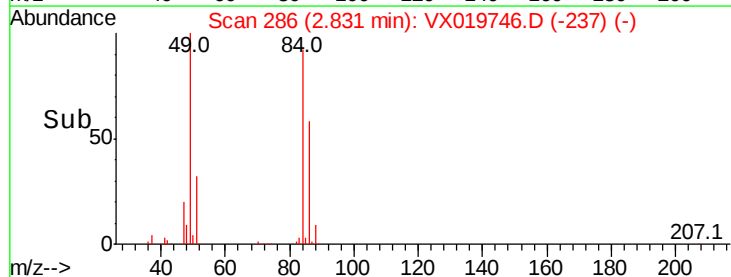
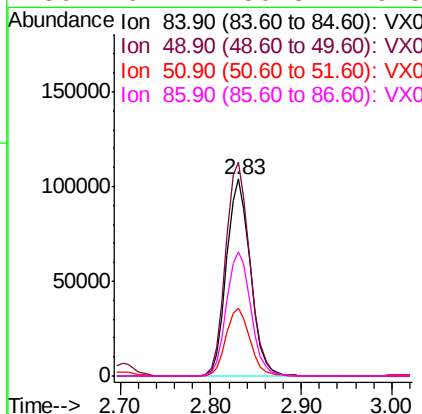
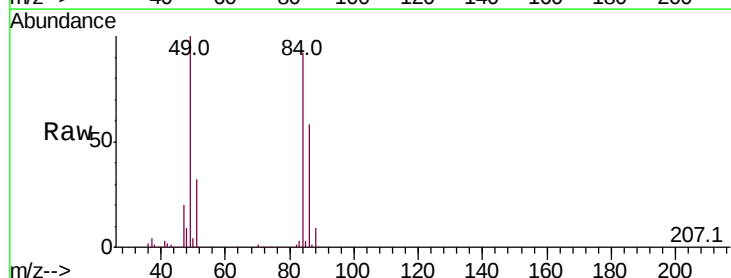
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

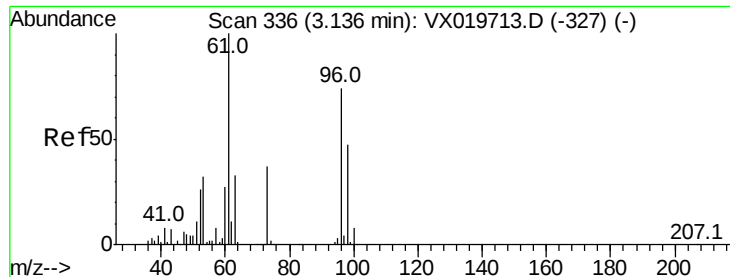
Tot Ion: 73 Resp: 573491
Ion Ratio Lower Upper
73 100
57 21.1 17.1 25.7



#20
Methylene Chloride
Concen: 53.776 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion: 84 Resp: 190005
Ion Ratio Lower Upper
84 100
49 108.4 88.6 132.8
51 34.6 27.0 40.6
86 62.7 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 53.915 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

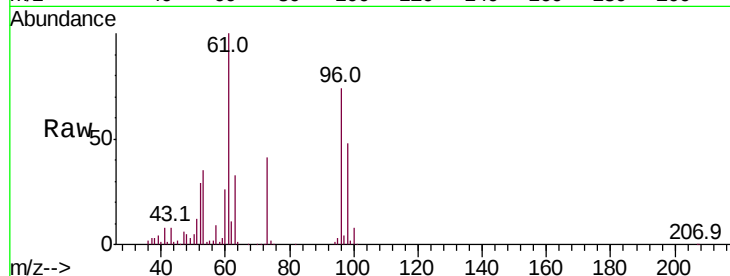
Tot Ion: 96 Resp: 180785

Ion Ratio Lower Upper

96 100

61 134.4 107.7 161.5

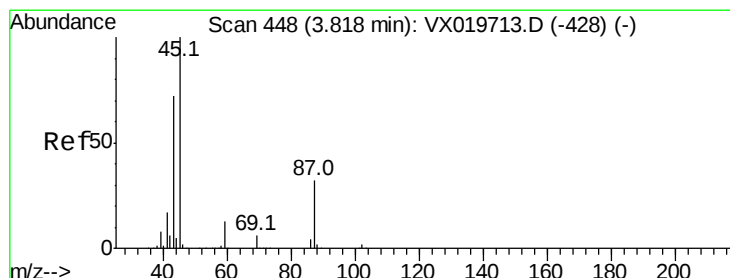
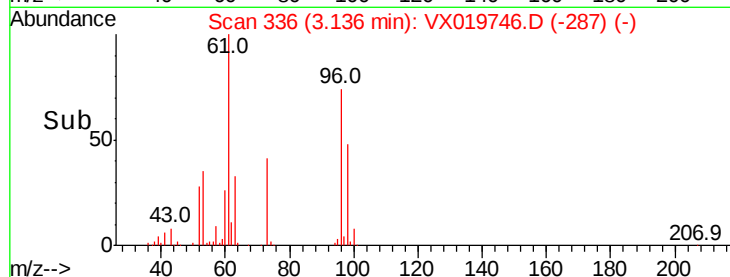
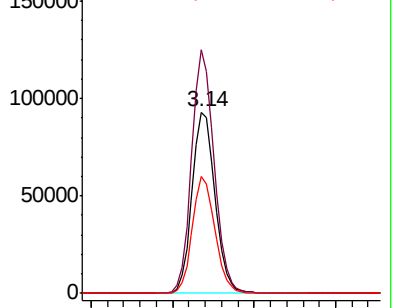
98 64.8 50.4 75.6



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: 54.037 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Tgt Ion: 45 Resp: 530710

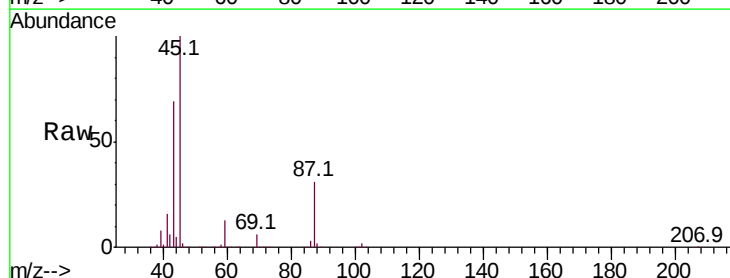
Ion Ratio Lower Upper

45 100

43 69.2 58.0 87.0

87 31.5 25.4 38.0

59 12.8 10.2 15.2

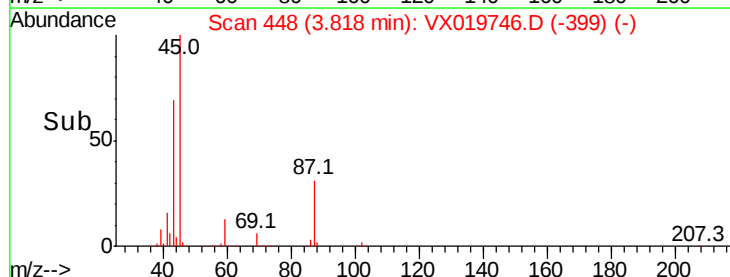
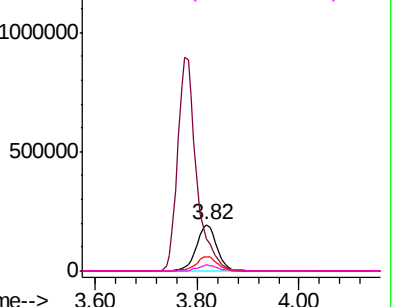


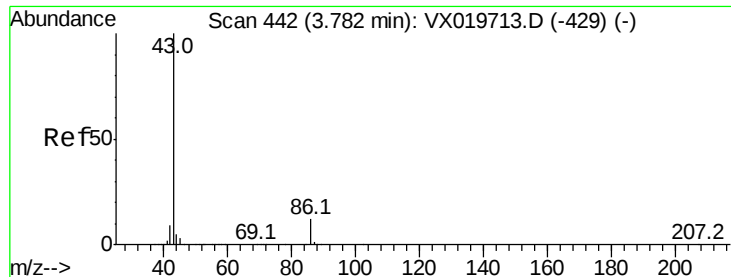
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 274.858 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

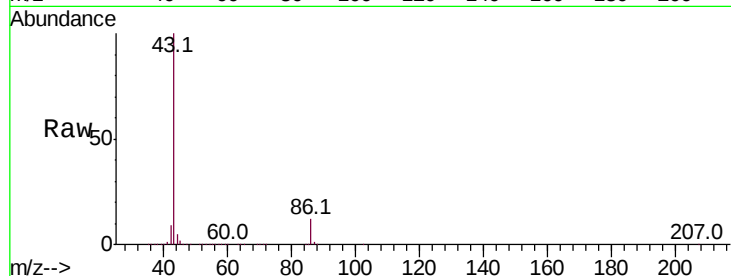
VSTDCCC050

Tot Ion: 43 Resp: 2299792

Ion Ratio Lower Upper

43 100

86 12.5 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

600000

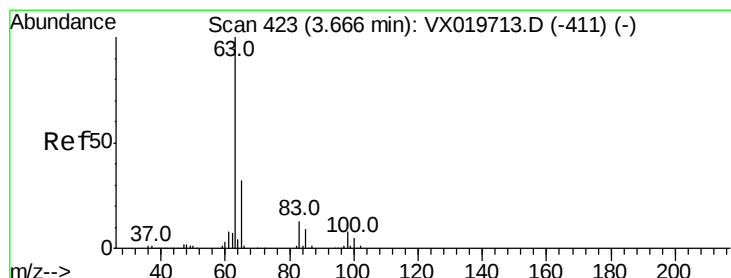
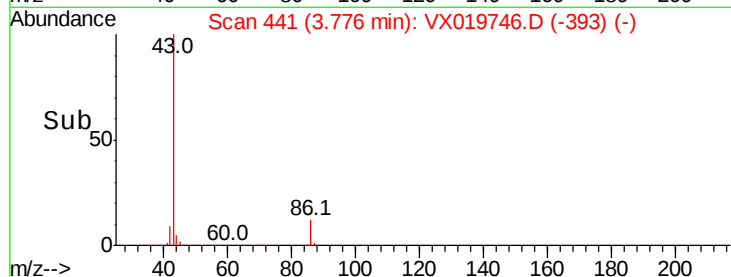
400000

200000

0

Time-->

3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 53.212 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

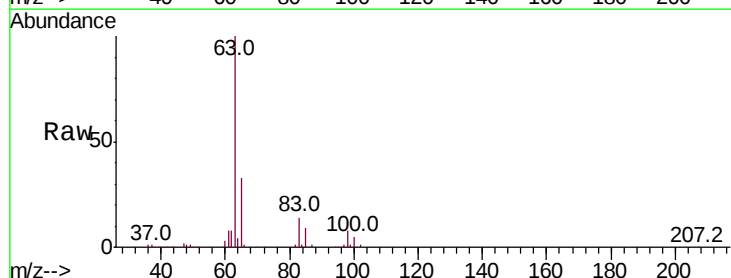
Tgt Ion: 63 Resp: 315145

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.2

100 5.0 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

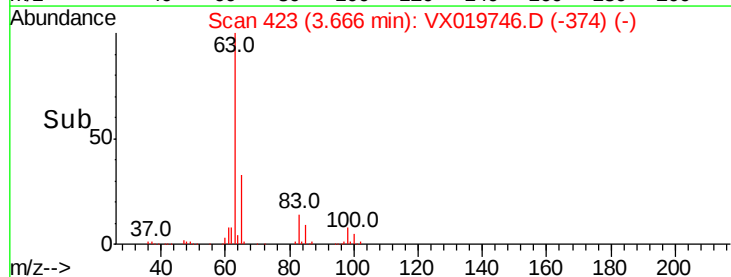
100000

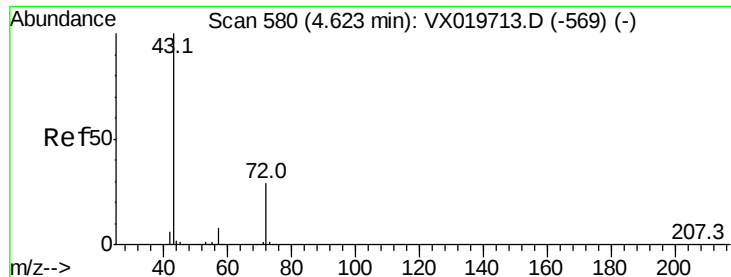
50000

0

Time-->

3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 274.412 ug/l

RT: 4.62 min Scan# 580

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

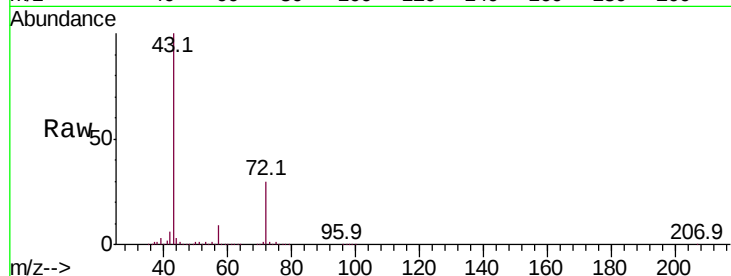
VSTDCCC050

Tot Ion: 43 Resp: 653898

Ion Ratio Lower Upper

43 100

72 29.9 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

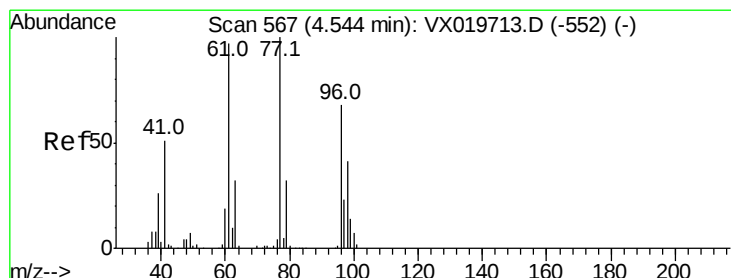
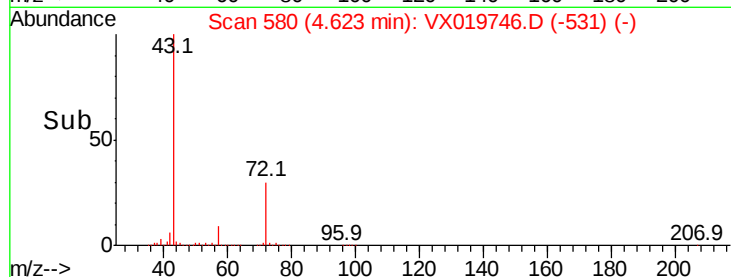
50000

0

4.62

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 54.931 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019746.D

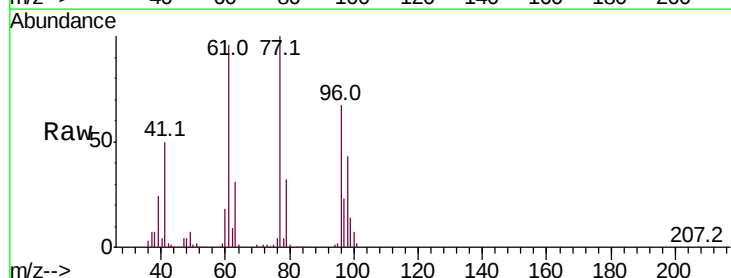
Acq: 07 Dec 2020 11:47

Tgt Ion: 77 Resp: 280162

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

80000

60000

40000

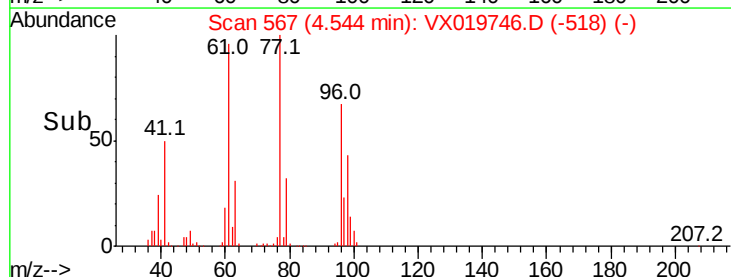
20000

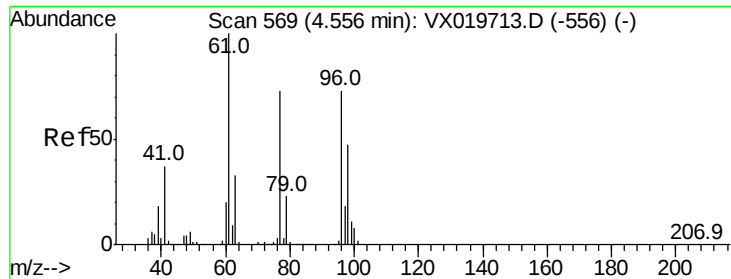
0

4.54

4.40 4.50 4.60 4.70 4.80

Time-->



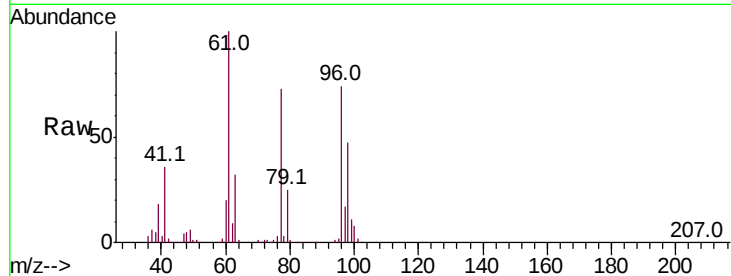


#27

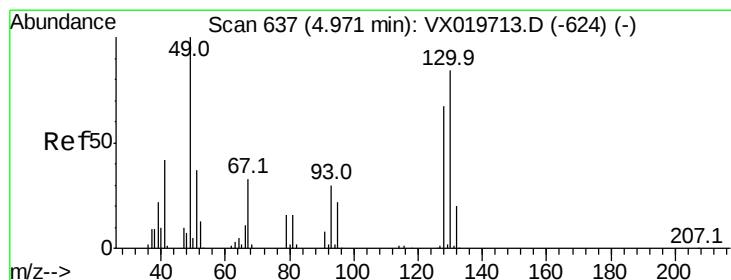
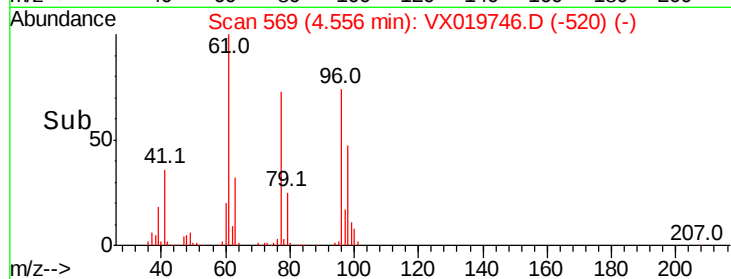
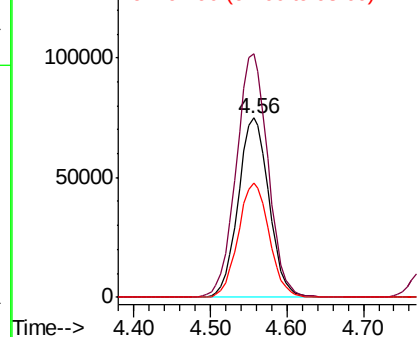
cis-1,2-Dichloroethene
 Concen: 53.297 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	96	Resp	209139
Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	285.6
98	64.2	0.0	129.6



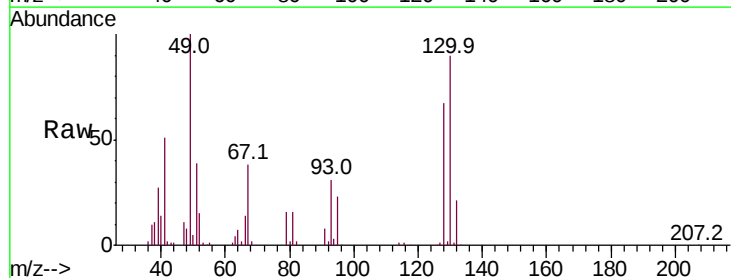
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



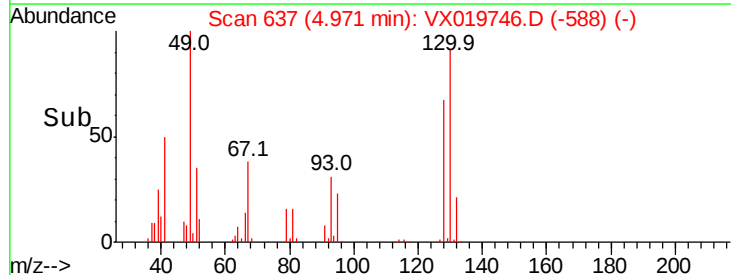
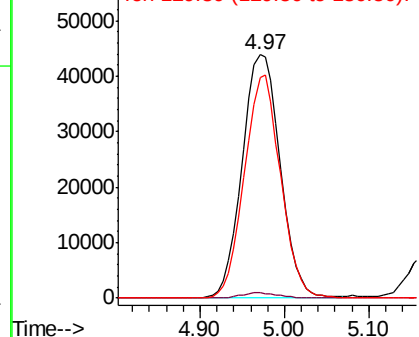
#28

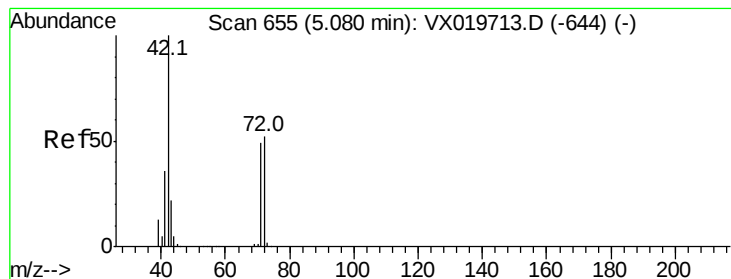
Bromochloromethane
 Concen: 47.643 ug/l
 RT: 4.97 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Tgt Ion	49	Resp	134509
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	87.3	68.2	102.2



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: 266.961 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

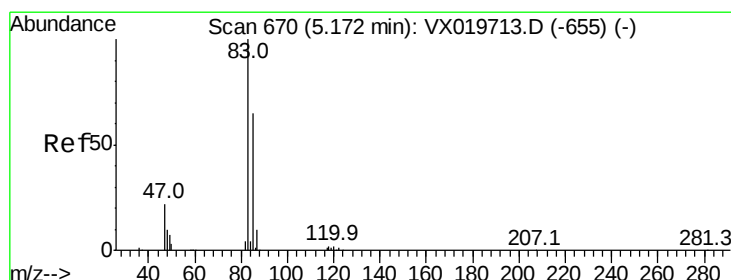
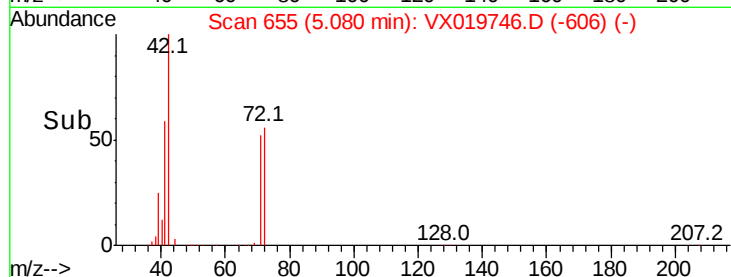
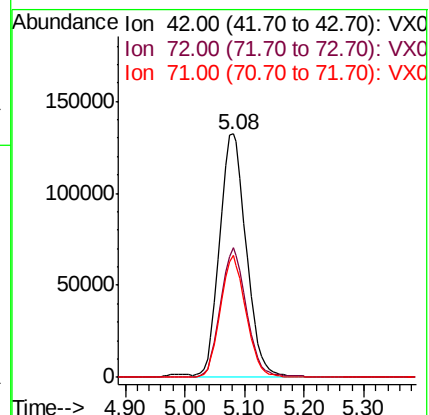
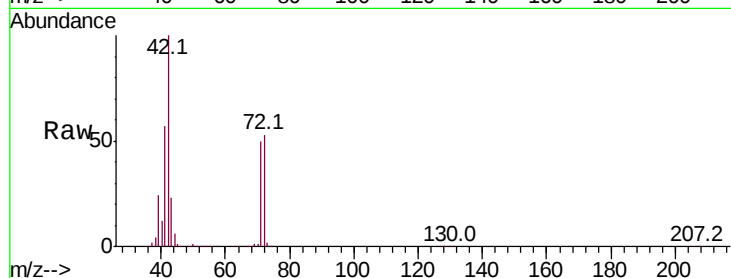
Tot Ion: 42 Resp: 409858

Ion Ratio Lower Upper

42 100

72 52.2 41.7 62.5

71 48.1 38.4 57.6



#30

Chloroform

Concen: 53.753 ug/l

RT: 5.17 min Scan# 669

Delta R.T. -0.01 min

Lab File: VX019746.D

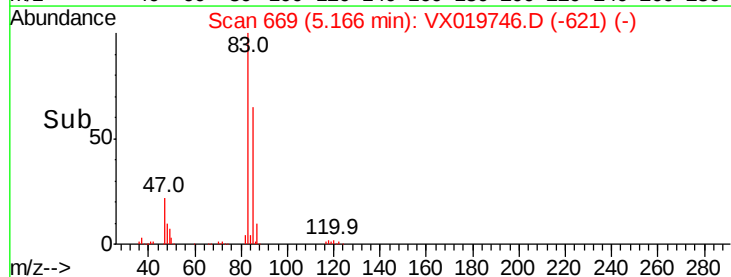
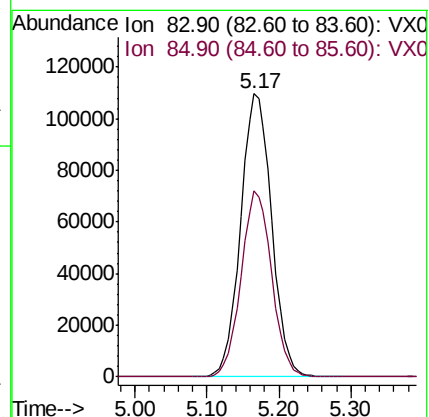
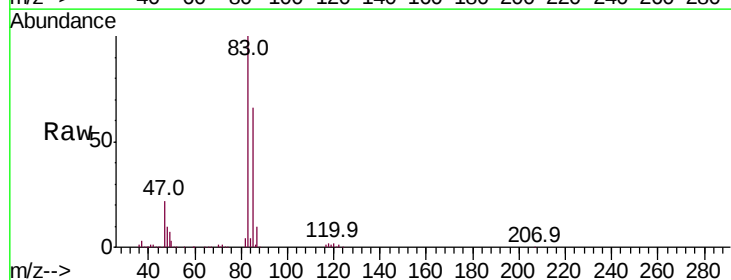
Acq: 07 Dec 2020 11:47

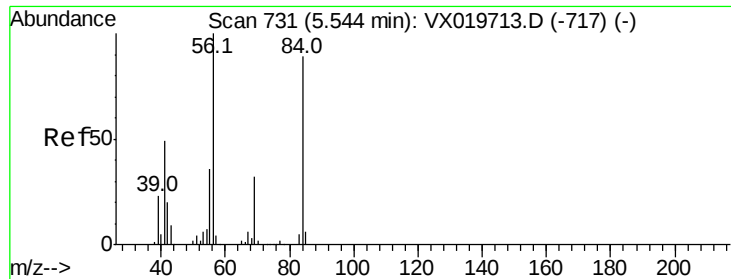
Tgt Ion: 83 Resp: 327340

Ion Ratio Lower Upper

83 100

85 65.6 52.0 78.0

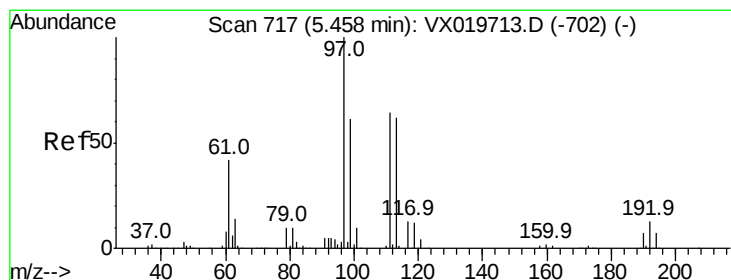
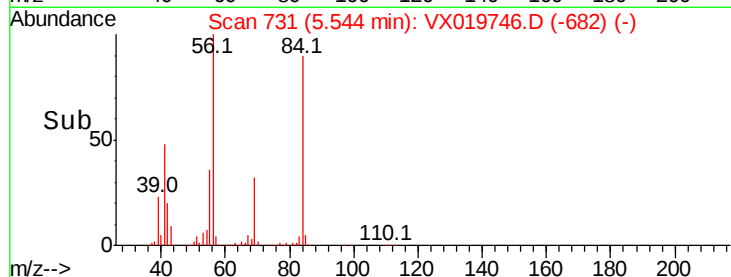
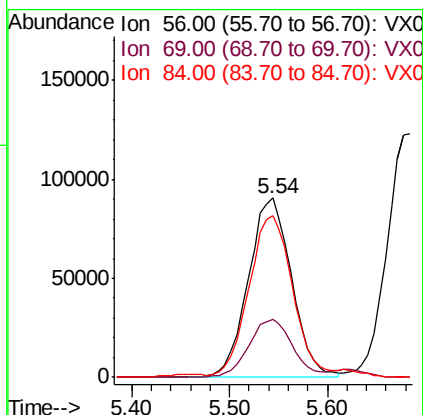
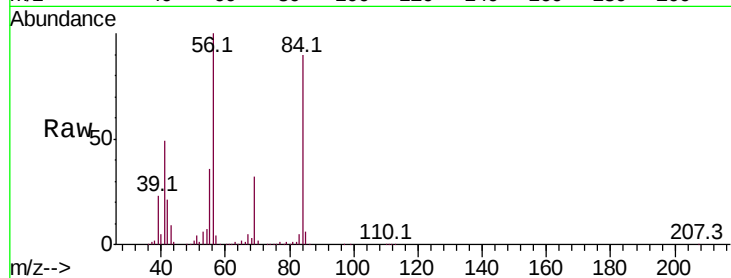




#31
Cyclohexane
Concen: 54.230 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

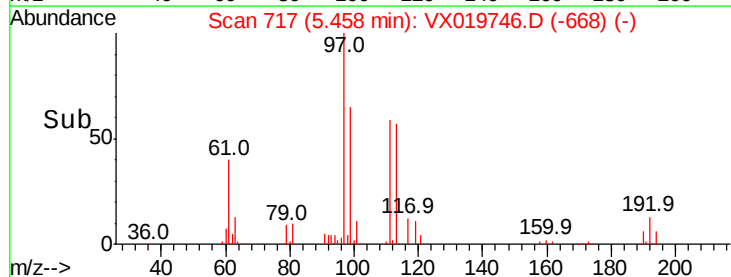
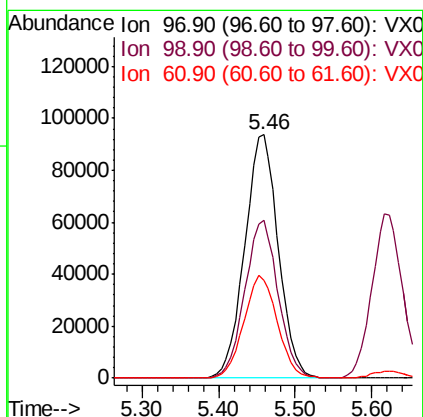
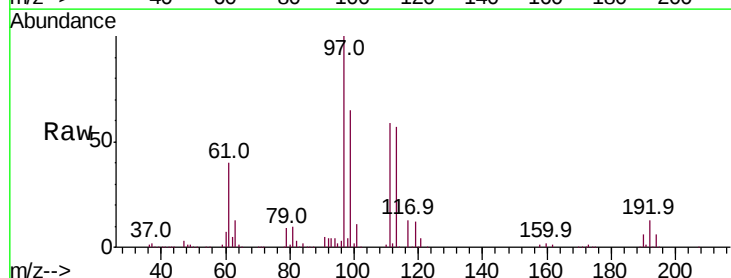
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

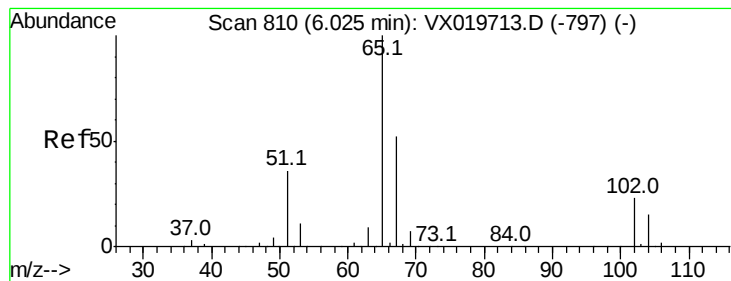
Tot Ion: 56 Resp: 278312
Ion Ratio Lower Upper
56 100
69 32.1 25.3 37.9
84 88.7 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 54.532 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion: 97 Resp: 285982
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 42.0 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 45.825 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

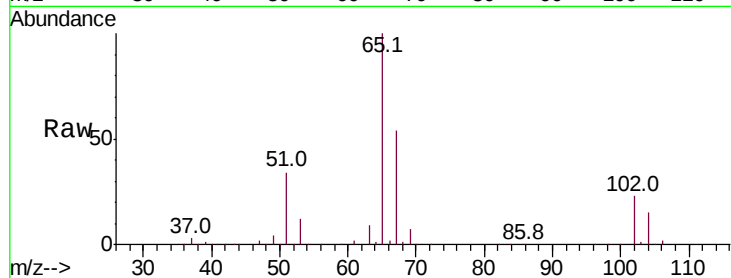
VSTDCCC050

Tot Ion: 65 Resp: 189060

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

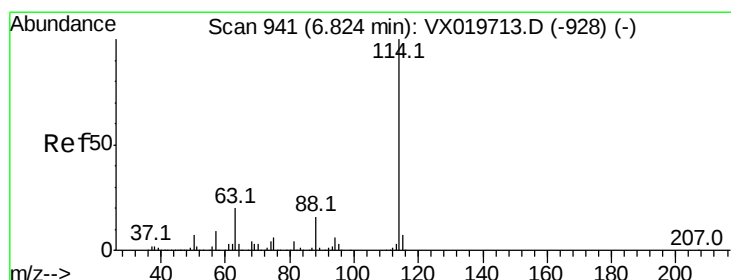
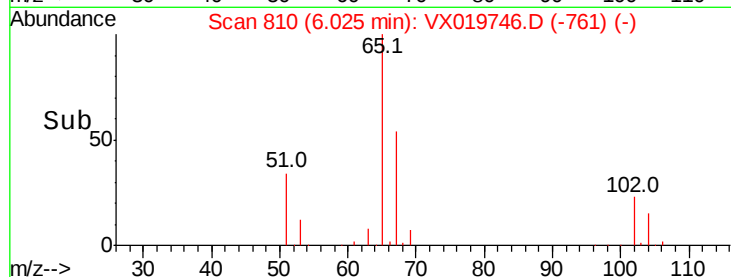
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

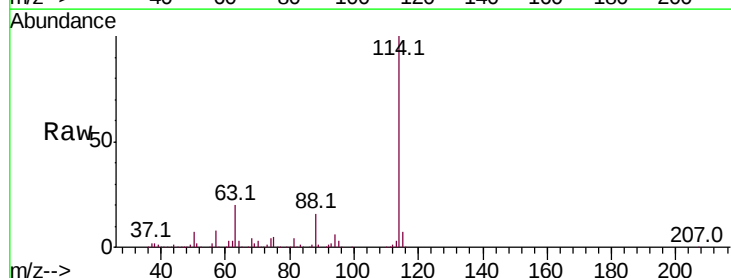
Tgt Ion:114 Resp: 496749

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 16.4 0.0 32.8



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

6.82

250000

200000

150000

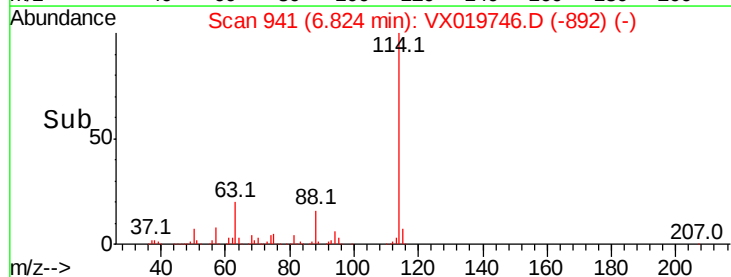
100000

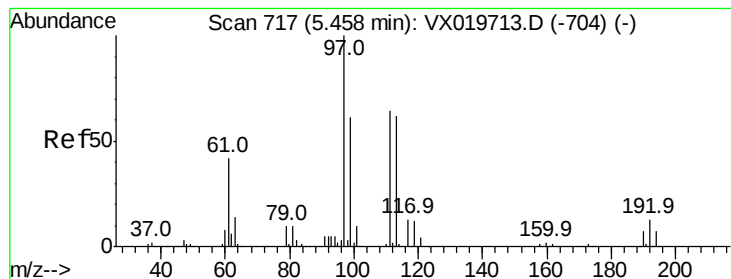
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.940 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

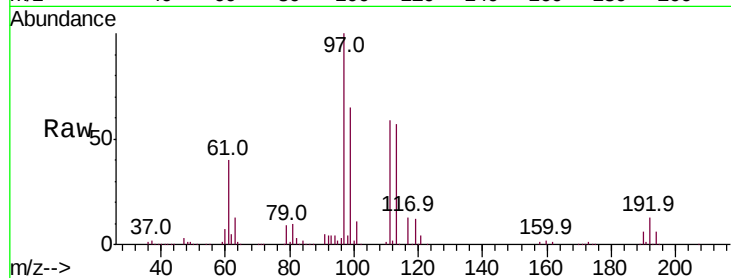
Tot Ion:113 Resp: 153908

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

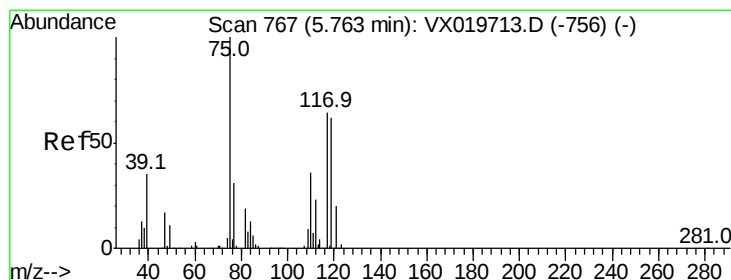
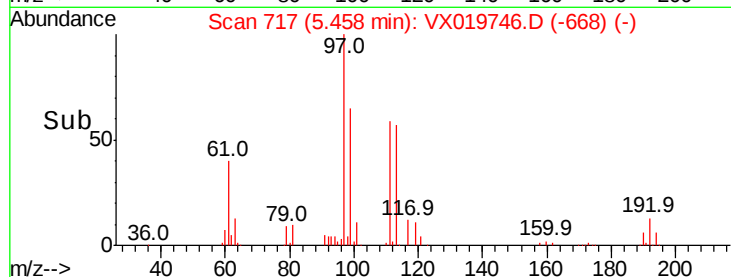
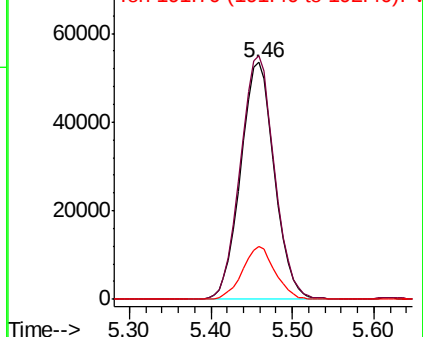
192 21.6 16.7 25.1



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: 54.598 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

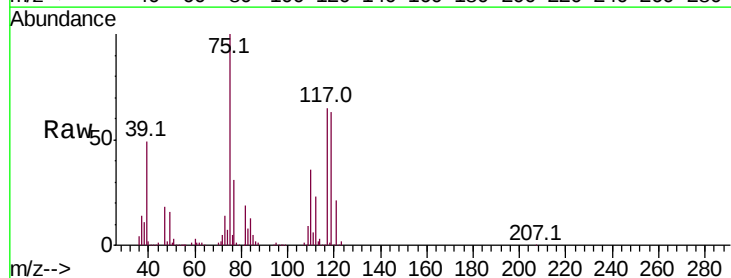
Tgt Ion: 75 Resp: 245081

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.4

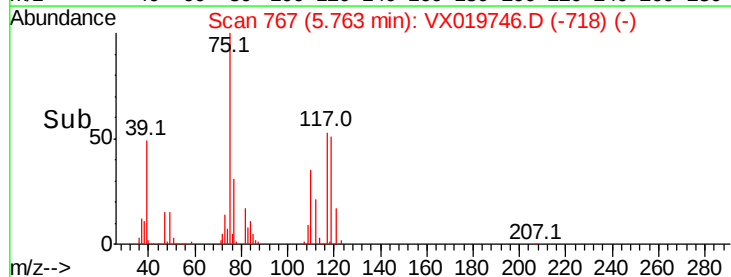
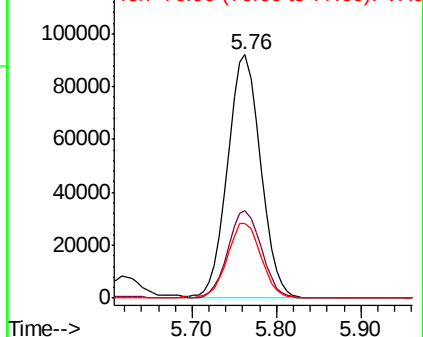
77 31.4 25.3 37.9

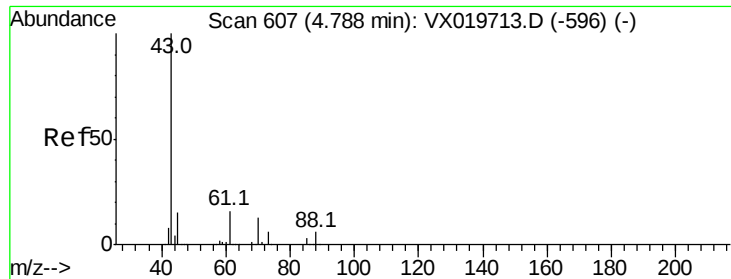


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

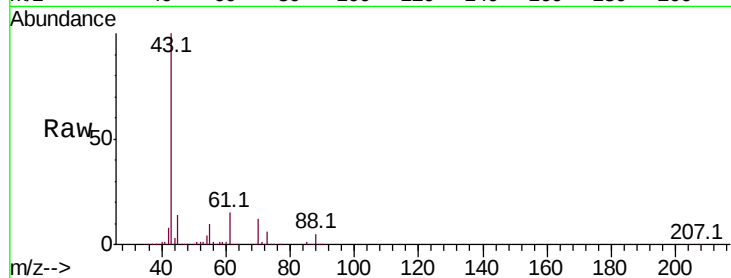




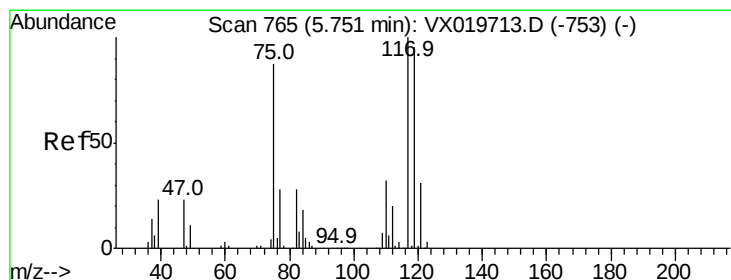
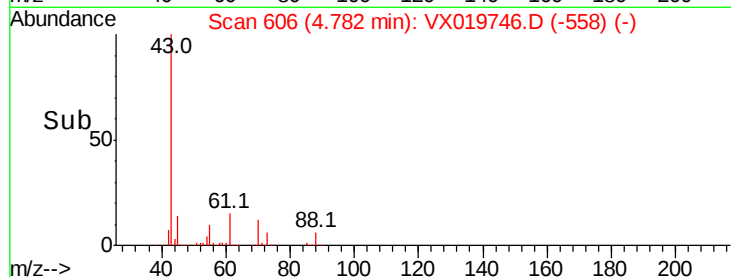
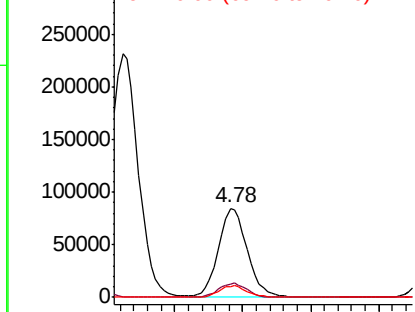
#37
Ethyl Acetate
Concen: 54.653 ug/l
RT: 4.78 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 247696
Ion Ratio Lower Upper
43 100
61 15.7 12.8 19.2
70 12.8 10.5 15.7

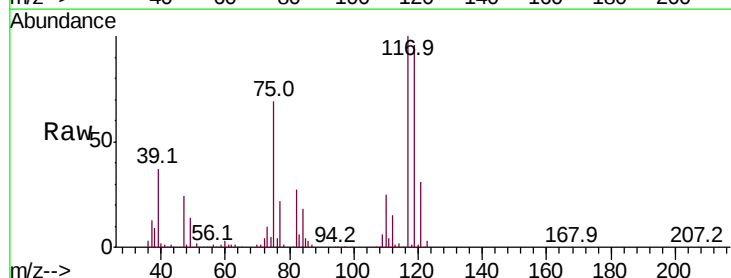


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

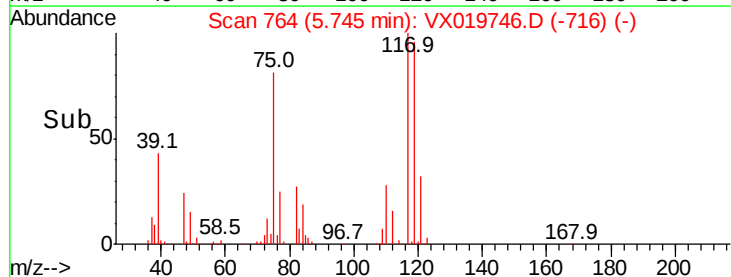
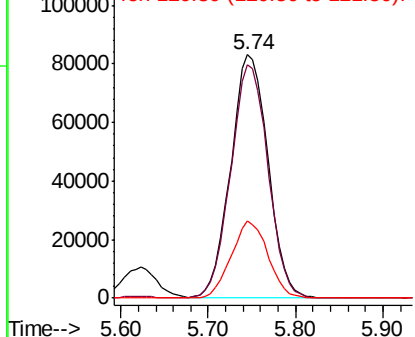


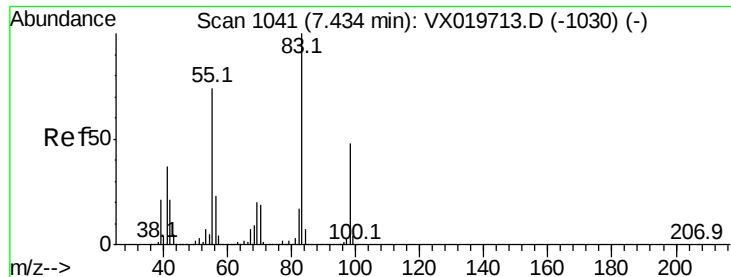
#38
Carbon Tetrachloride
Concen: 56.136 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion: 117 Resp: 246755
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.2
121 31.5 24.8 37.2



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

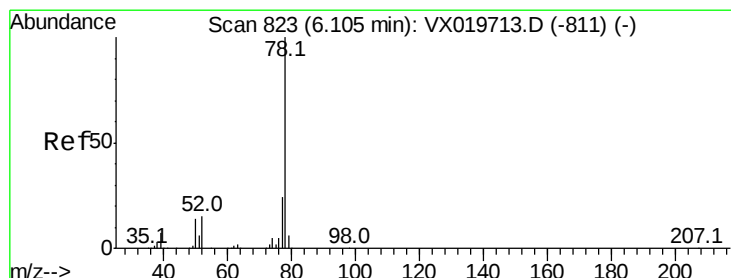
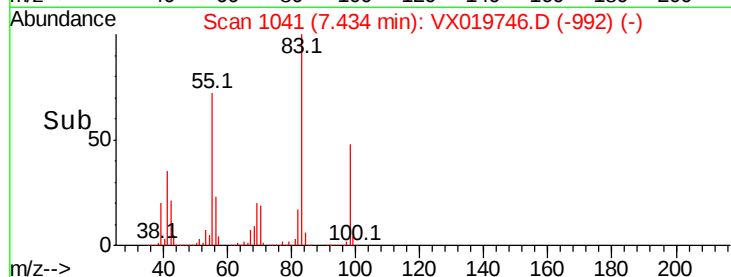
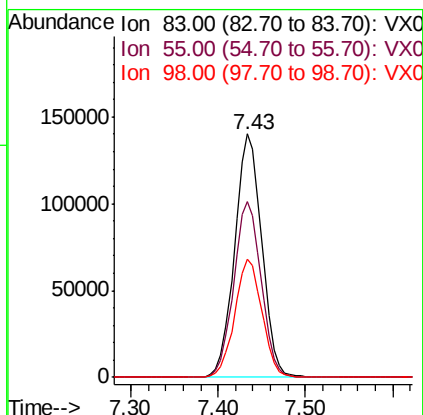
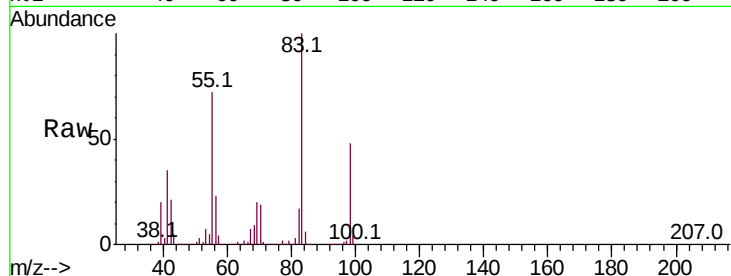




#39
Methvlcvclohexane
Concen: 57.313 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

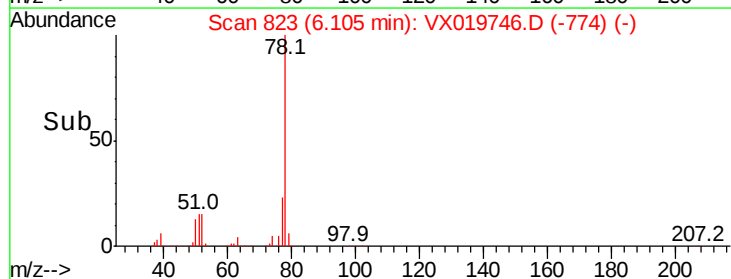
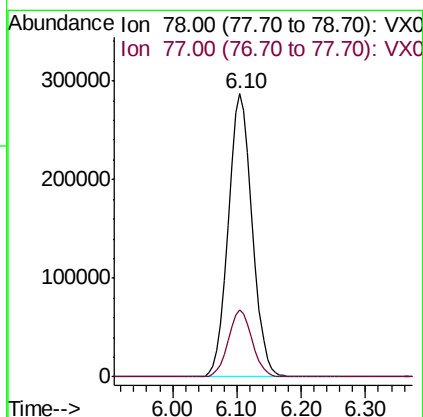
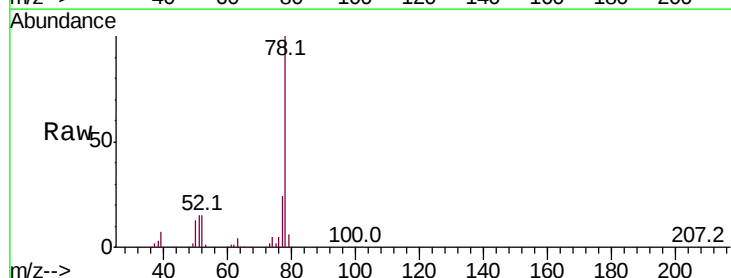
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

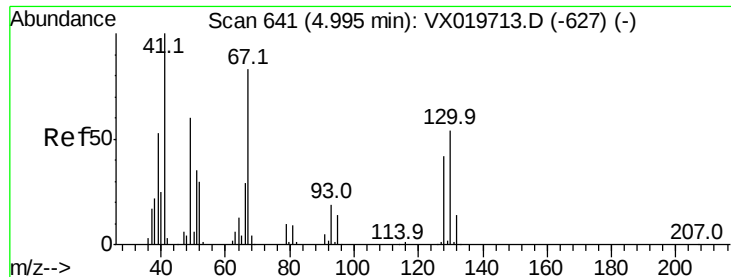
Tot Ion	83	Resp	302257
Ion	Ratio	Lower	Upper
83	100		
55	72.3	58.9	88.3
98	48.3	38.1	57.1



#40
Benzene
Concen: 54.578 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	78	Resp	748374
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3

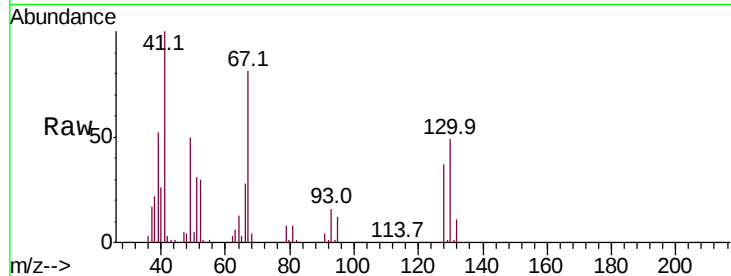




#41
Methacrylonitrile
Concen: 55.648 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	138472
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.5	63.7
67	81.2	65.0	97.6
52	30.3	25.3	37.9



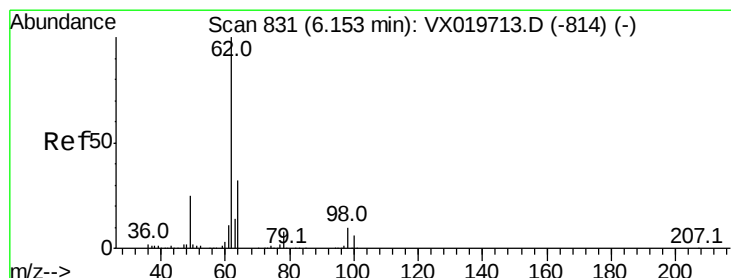
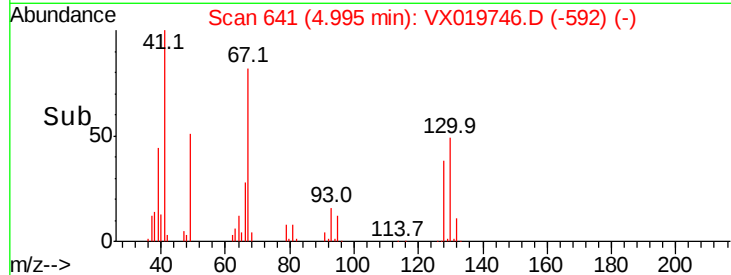
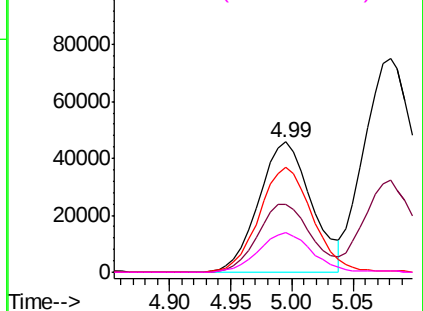
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

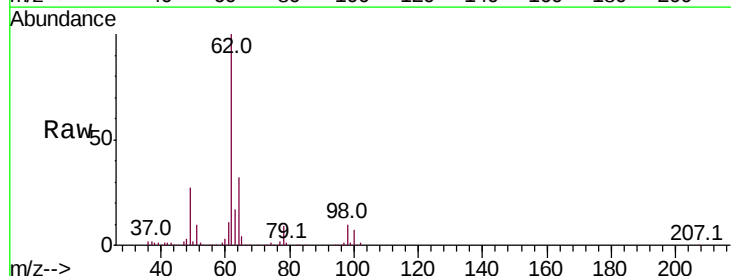
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 54.603 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

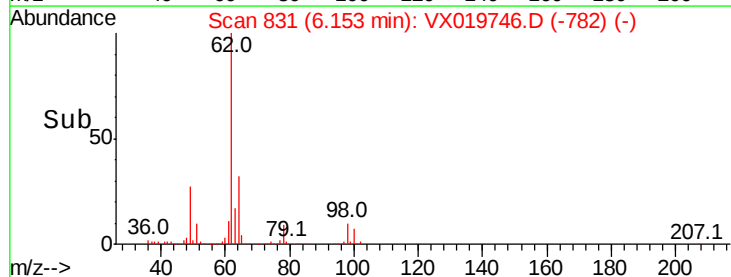
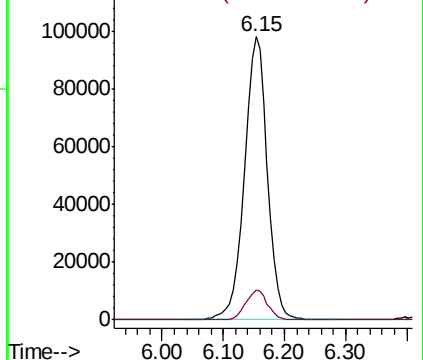
Tgt Ion:	62	Resp:	255810
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

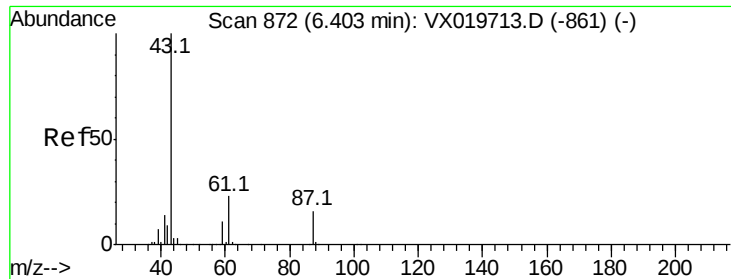


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.858 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

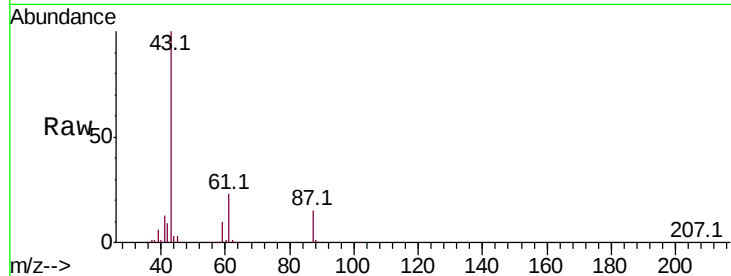
Tot Ion: 43 Resp: 404216

Ion Ratio Lower Upper

43 100

61 22.8 18.2 27.4

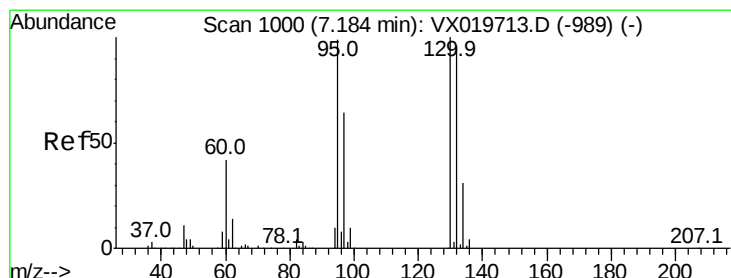
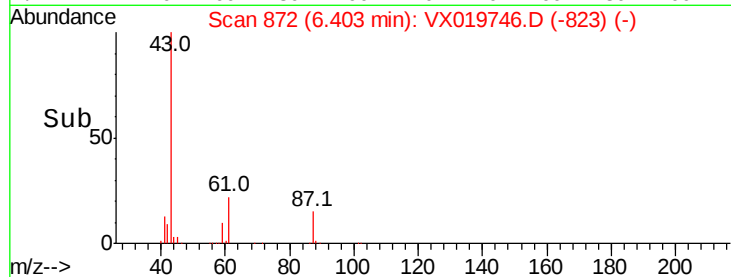
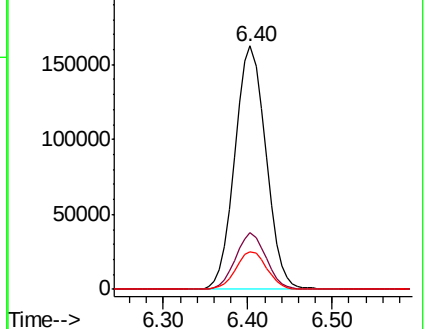
87 15.5 12.5 18.7



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: 54.664 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019746.D

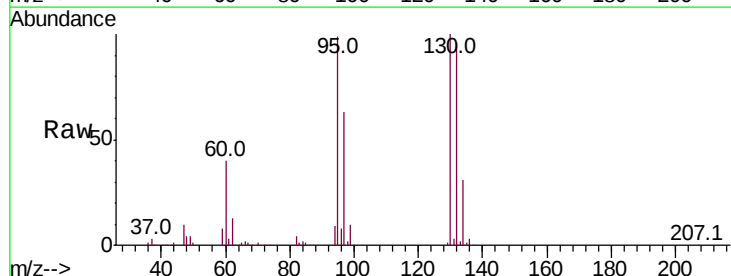
Acq: 07 Dec 2020 11:47

Tgt Ion:130 Resp: 196664

Ion Ratio Lower Upper

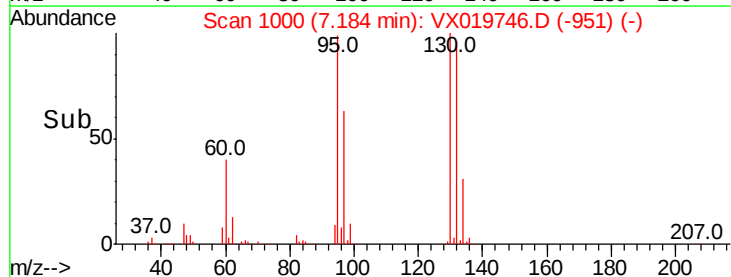
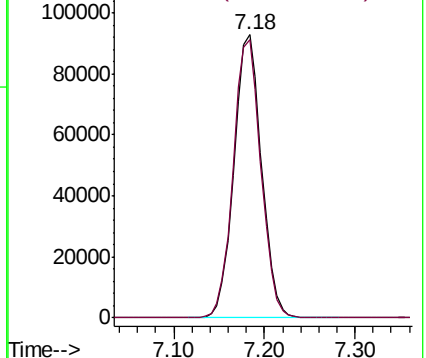
130 100

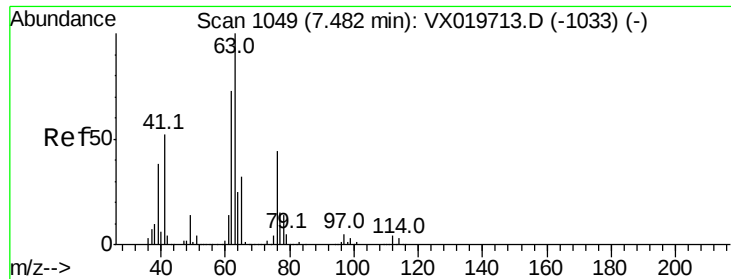
95 98.5 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.686 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

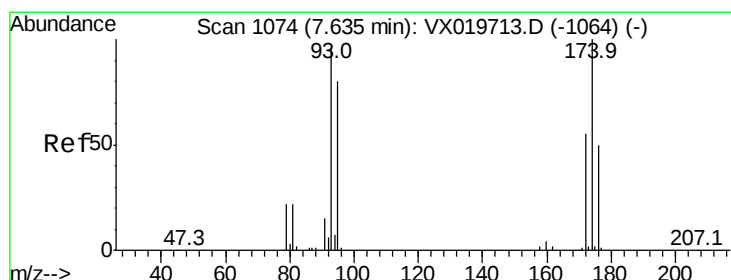
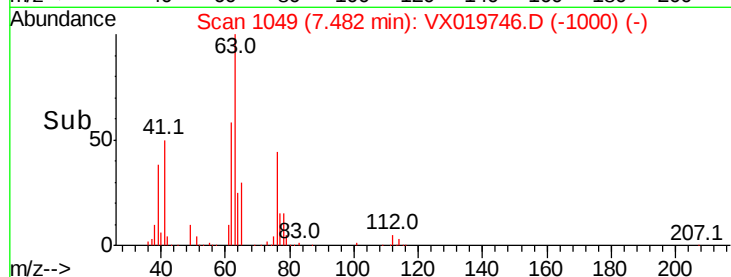
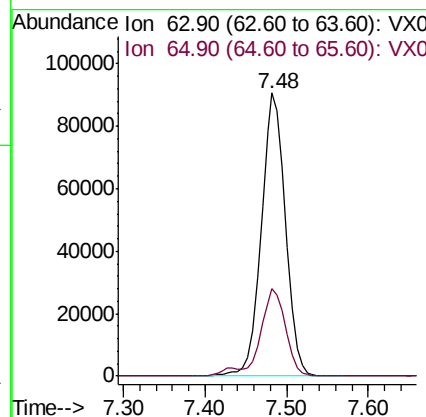
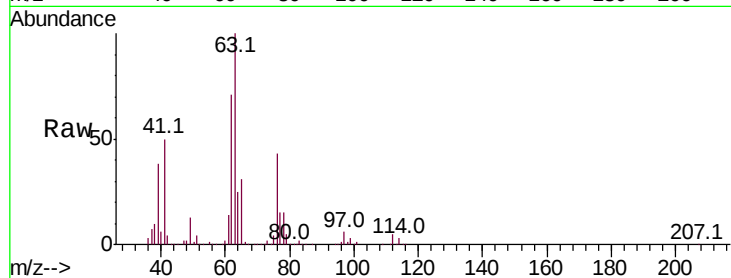
VSTDCCC050

Tot Ion: 63 Resp: 187409

Ion Ratio Lower Upper

63 100

65 30.9 25.7 38.5



#46

Dibromomethane

Concen: 55.199 ug/l

RT: 7.63 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

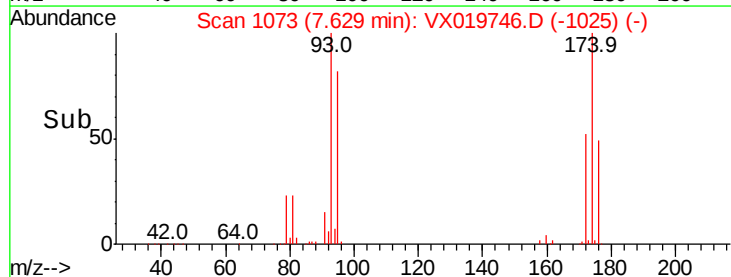
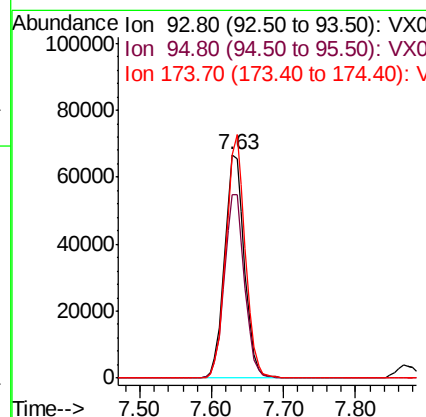
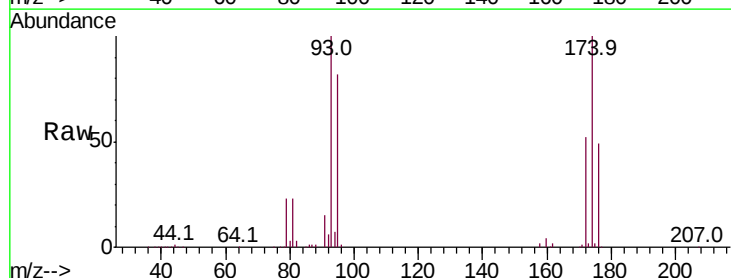
Tgt Ion: 93 Resp: 127746

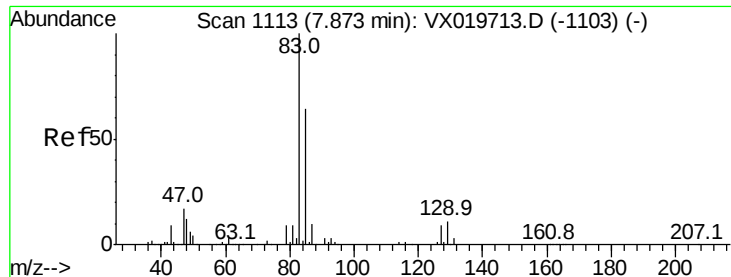
Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

174 105.4 83.1 124.7





#47

Bromodichloromethane

Concen: 56.109 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

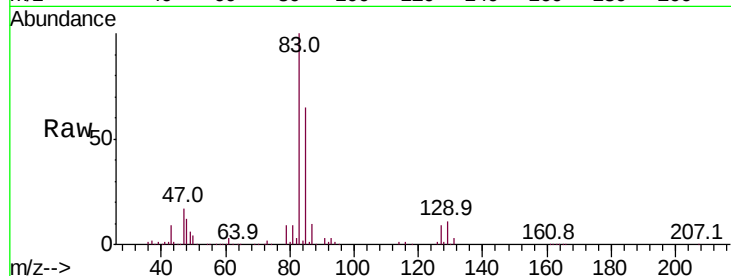
Tot Ion: 83 Resp: 257670

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

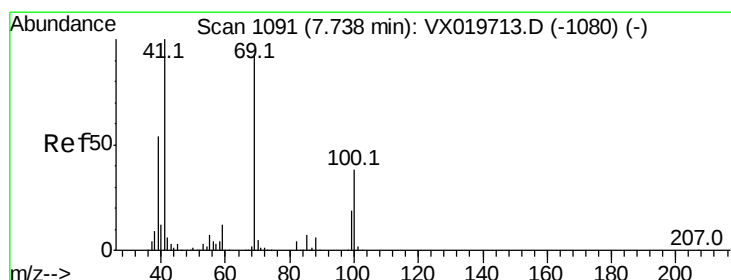
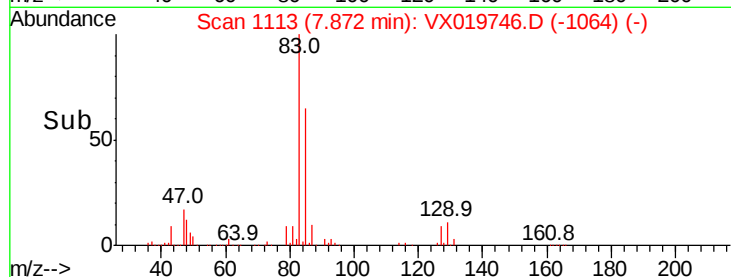
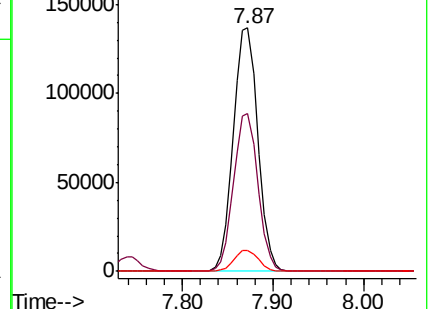
127 8.8 6.8 10.2



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: 55.186 ug/l

RT: 7.74 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

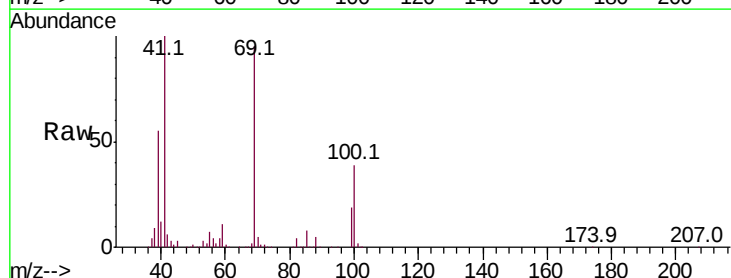
Tgt Ion: 41 Resp: 199988

Ion Ratio Lower Upper

41 100

69 95.6 76.0 114.0

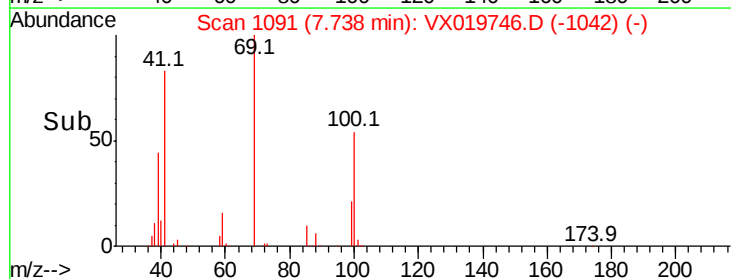
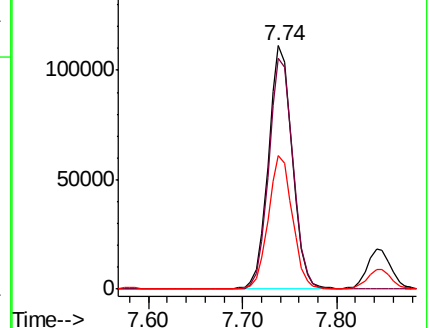
39 55.0 44.6 67.0

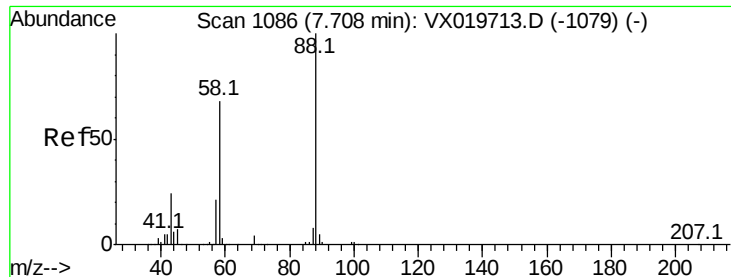


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

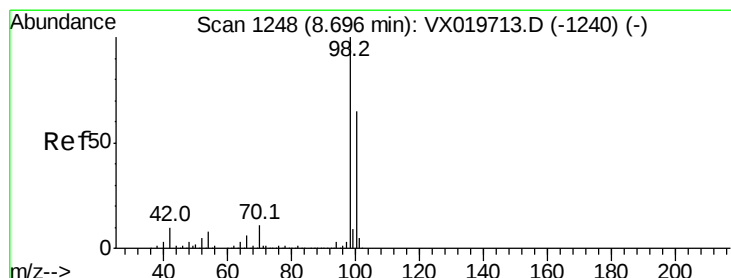
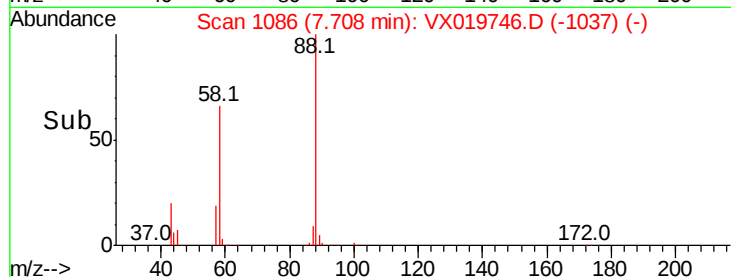
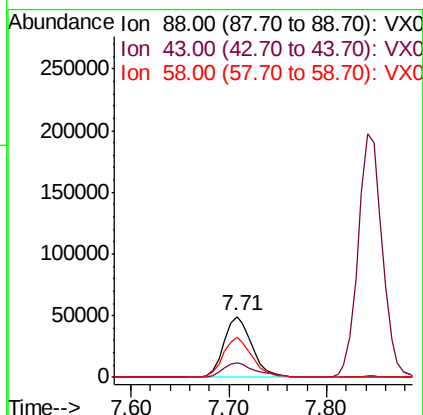
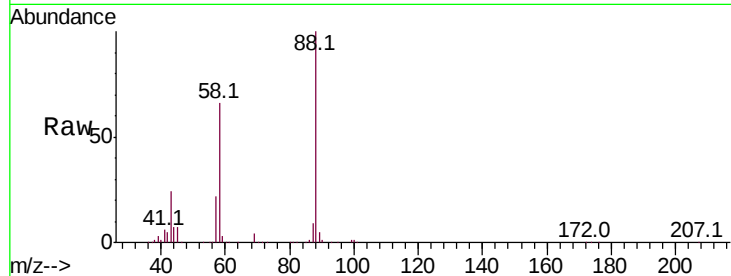




#49
 1,4-Dioxane
 Concen: 1117.628 ug/l
 RT: 7.71 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

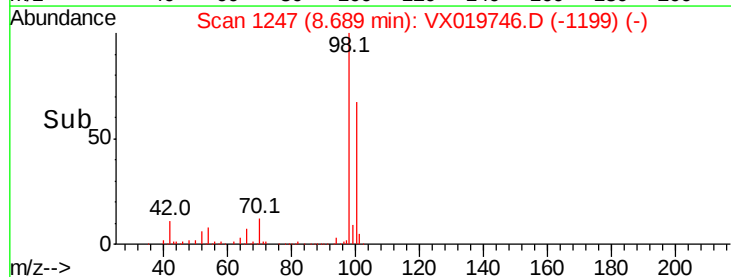
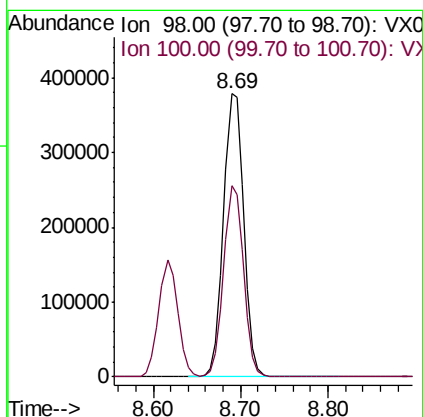
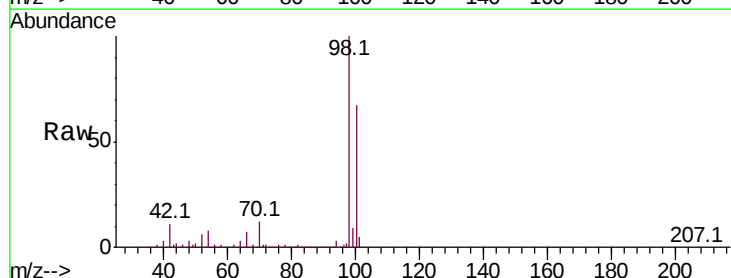
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

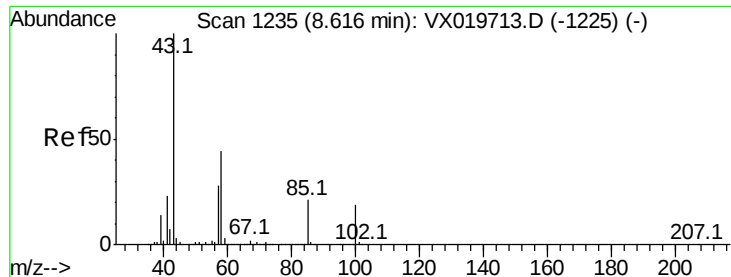
Tot Ion: 88 Resp: 98113
 Ion Ratio Lower Upper
 88 100
 43 27.9 23.2 34.8
 58 68.0 55.0 82.4



#50
 Toluene-d8
 Concen: 49.381 ug/l
 RT: 8.69 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Tgt Ion: 98 Resp: 605245
 Ion Ratio Lower Upper
 98 100
 100 66.5 51.9 77.9

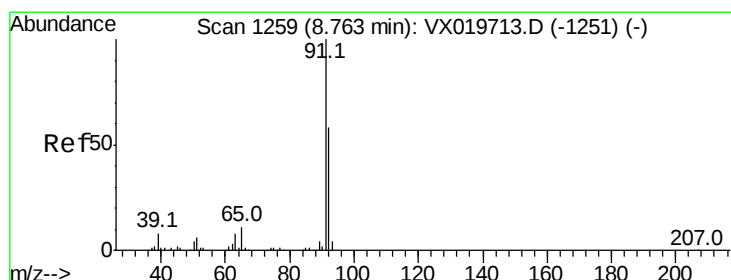
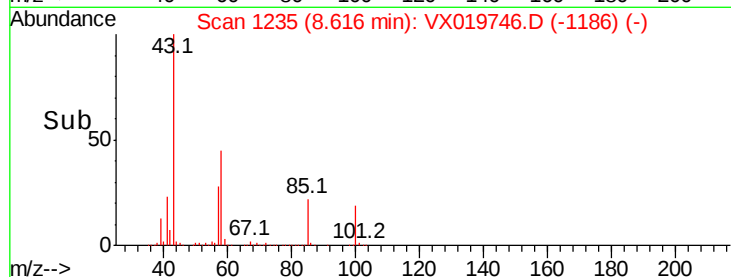
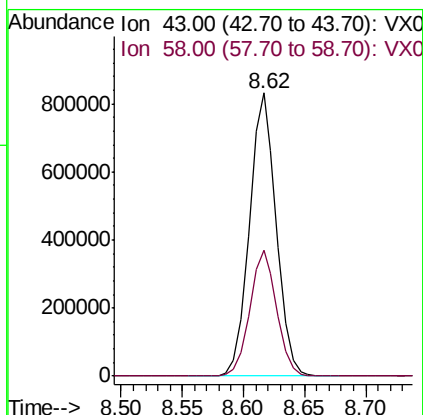
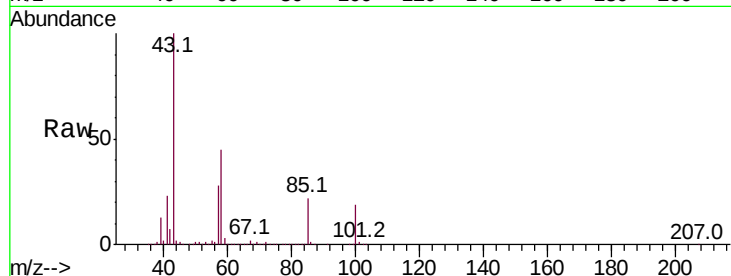




#51
4-Methyl-2-Pentanone
Concen: 280.927 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

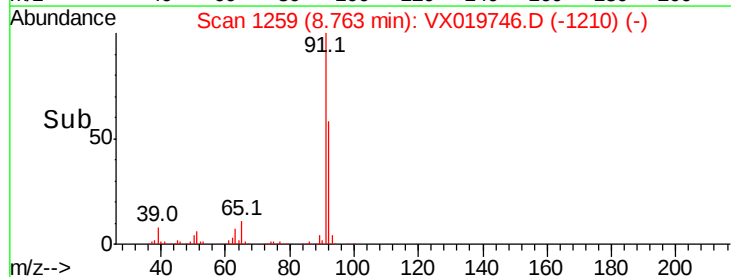
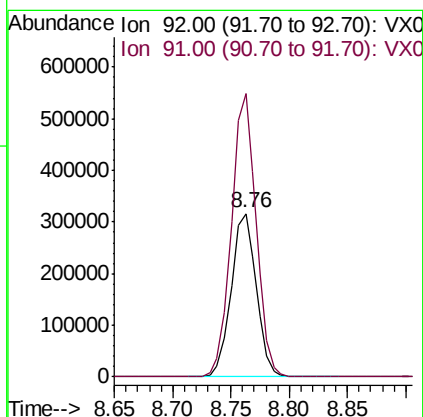
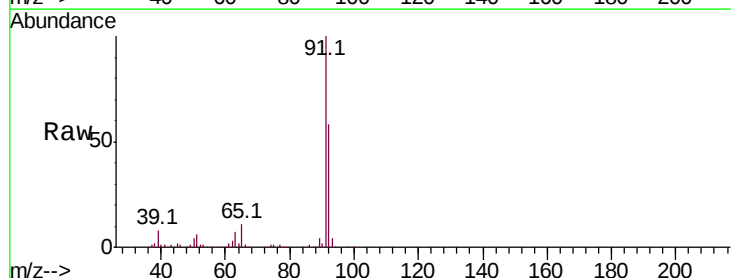
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

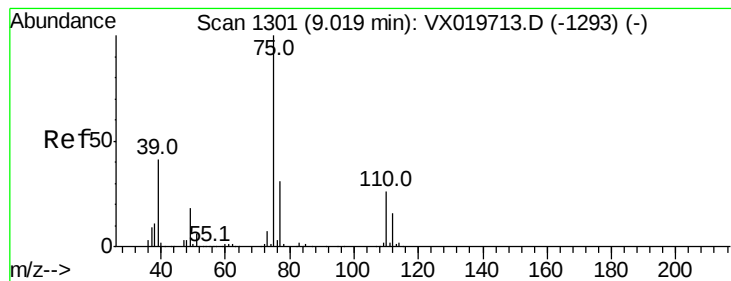
Tot Ion: 43 Resp: 1263794
Ion Ratio Lower Upper
43 100
58 44.4 35.4 53.0



#52
Toluene
Concen: 55.479 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion: 92 Resp: 475785
Ion Ratio Lower Upper
92 100
91 170.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 57.288 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

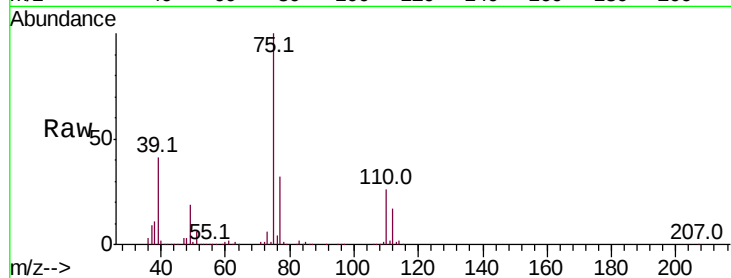
VSTDCCC050

Tot Ion: 75 Resp: 291939

Ion Ratio Lower Upper

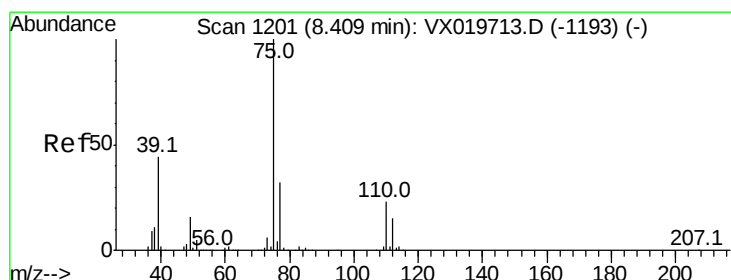
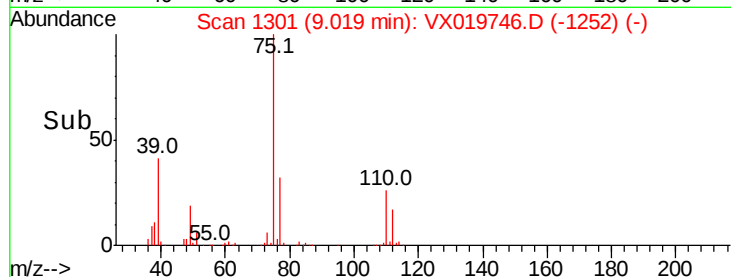
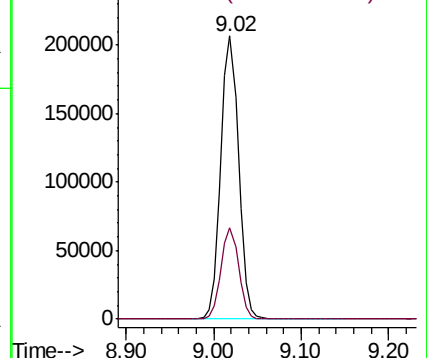
75 100

77 32.3 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 57.083 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

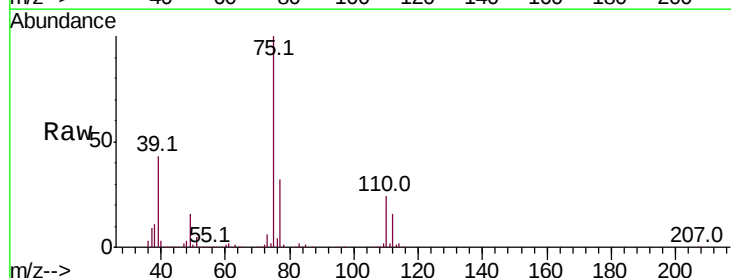
Tgt Ion: 75 Resp: 316031

Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

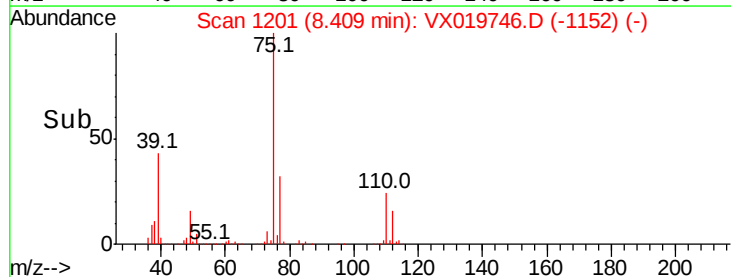
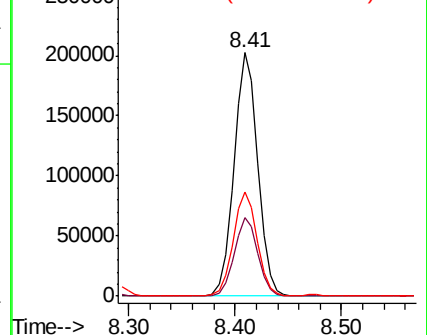
39 42.9 35.1 52.7

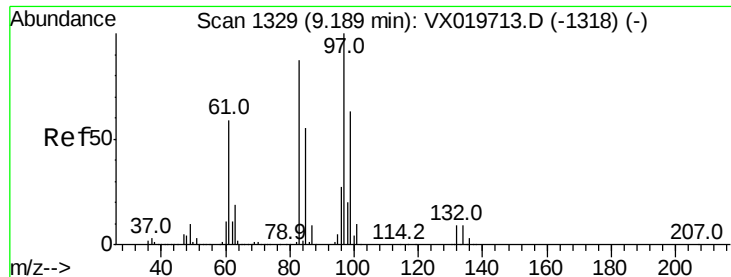


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 55.542 ug/l

RT: 9.19 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 191955

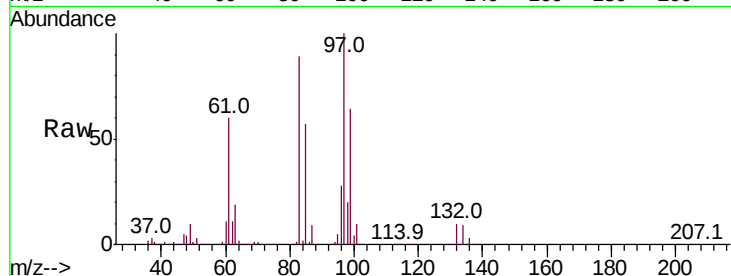
Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.3	103.9
85	57.1	44.3	66.5
99	64.3	50.3	75.5

97 100

83 88.6 69.3 103.9

85 57.1 44.3 66.5

99 64.3 50.3 75.5



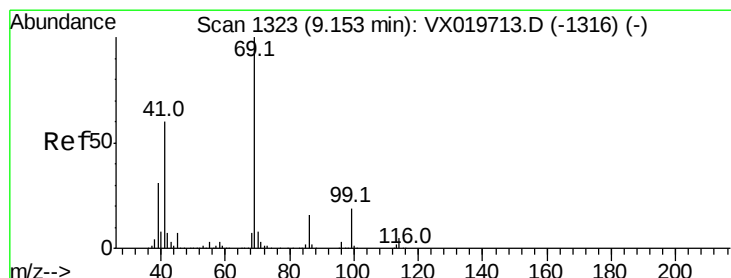
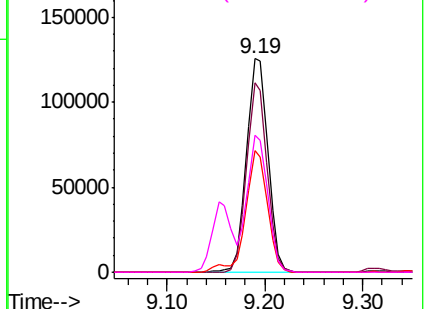
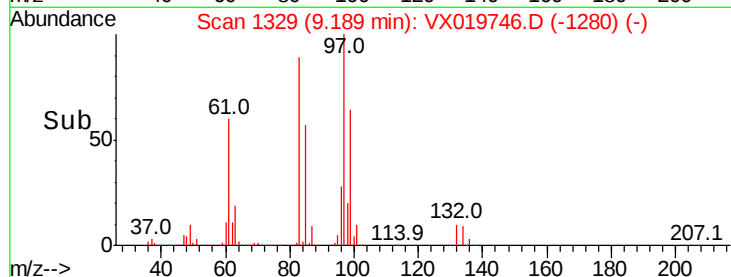
Abundance

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: 57.675 ug/l

RT: 9.15 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

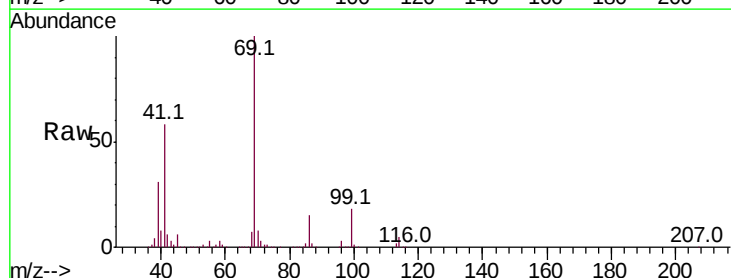
Tgt Ion: 69 Resp: 301574

Ion	Ratio	Lower	Upper
69	100		
41	57.5	46.8	70.2
39	30.4	24.7	37.1

69 100

41 57.5 46.8 70.2

39 30.4 24.7 37.1

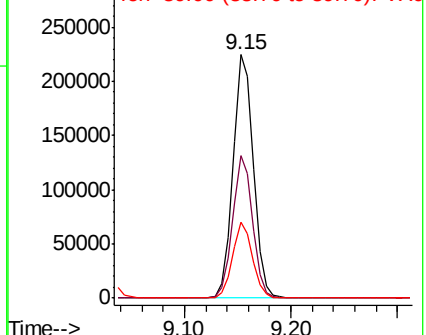
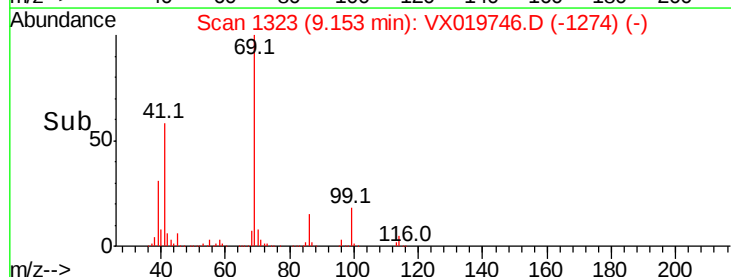


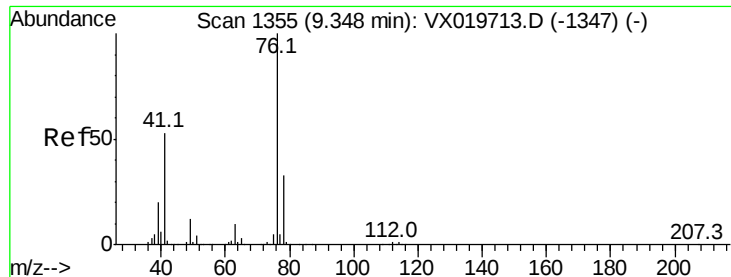
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 54.515 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

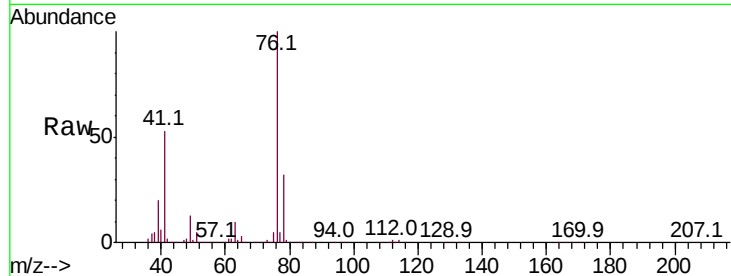
VSTDCCC050

Tot Ion: 76 Resp: 321702

Ion Ratio Lower Upper

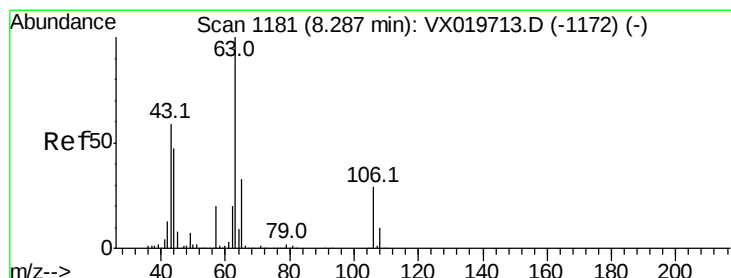
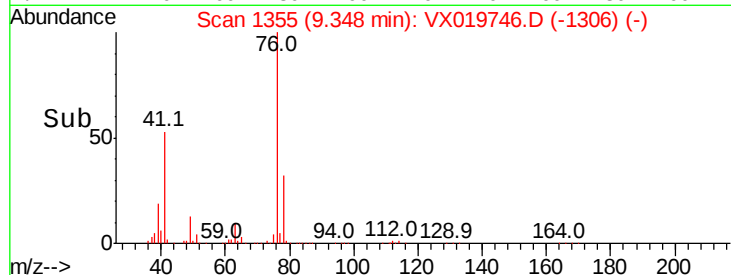
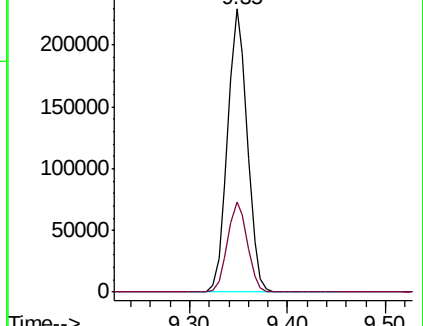
76 100

78 32.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 299.960 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019746.D

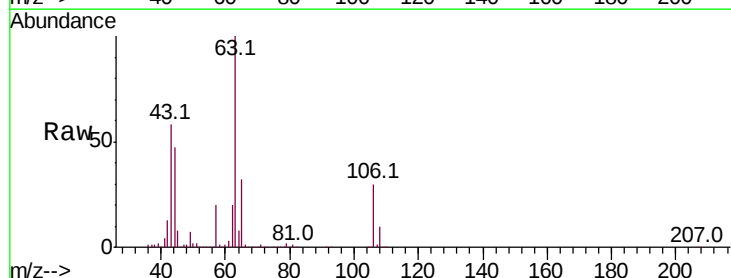
Acq: 07 Dec 2020 11:47

Tgt Ion: 63 Resp: 830895

Ion Ratio Lower Upper

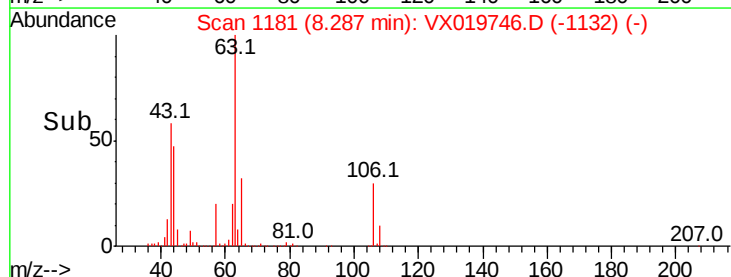
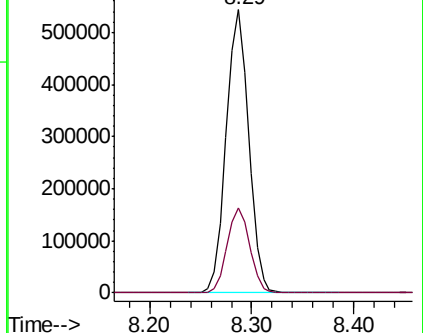
63 100

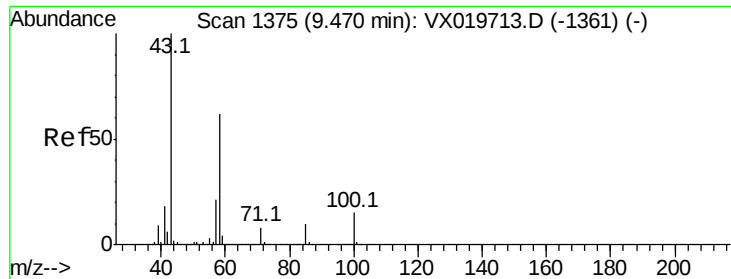
106 30.2 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

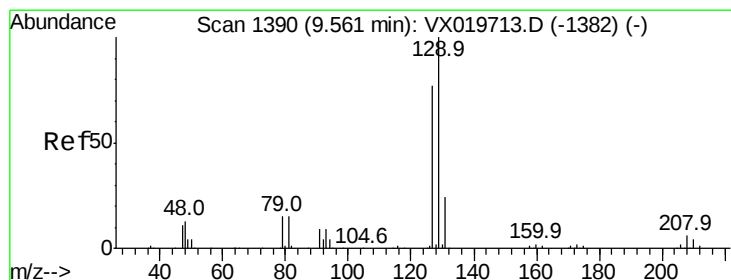
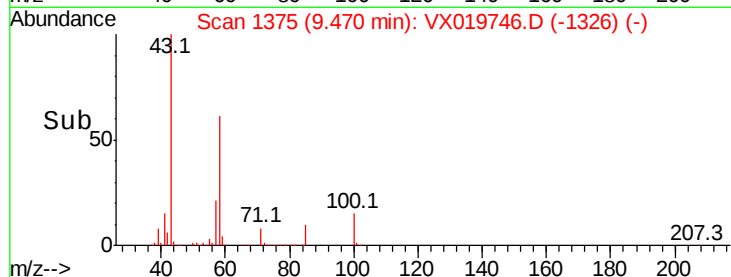
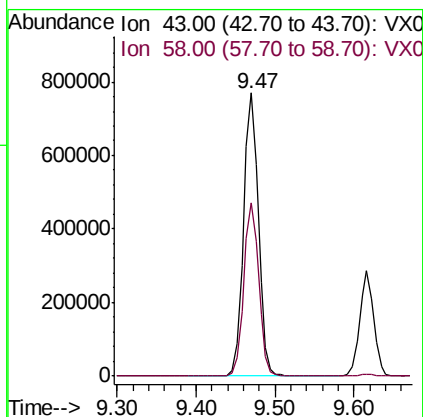
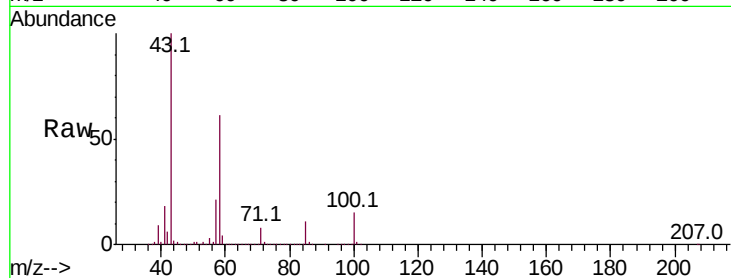




#59
2-Hexanone
Concen: 288.244 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

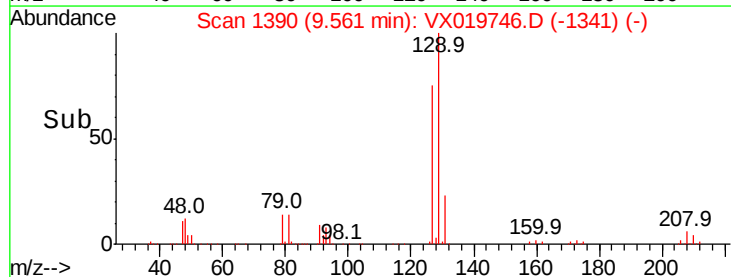
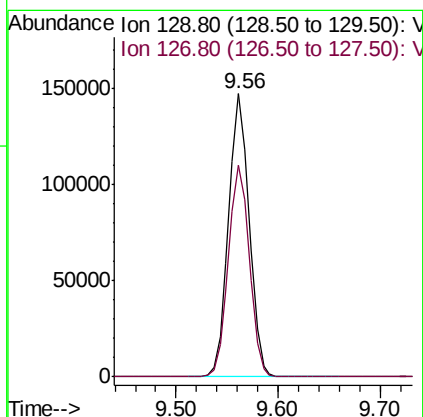
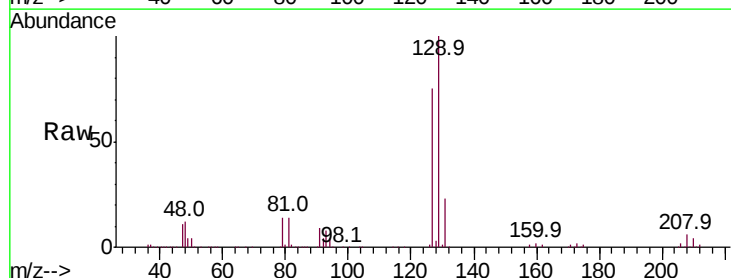
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

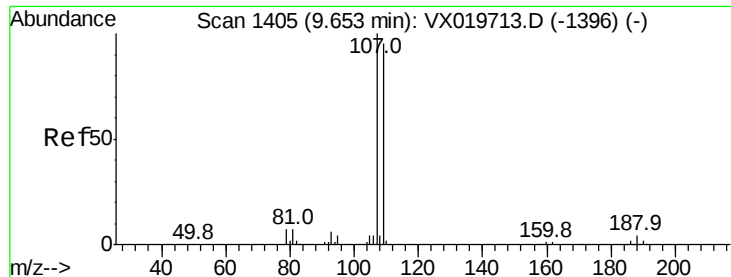
Tot Ion: 43 Resp: 1005120
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.8



#60
Dibromochloromethane
Concen: 58.680 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion: 129 Resp: 206042
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 55.398 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

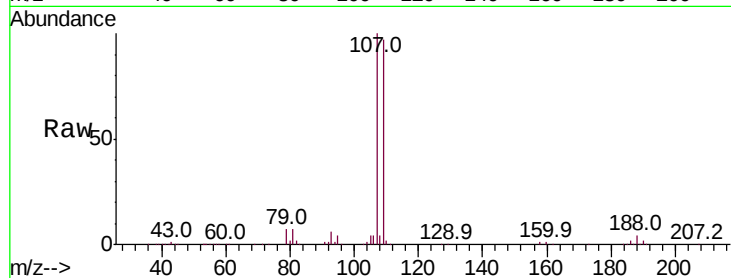
VSTDCCC050

Tot Ion:107 Resp: 203302

Ion Ratio Lower Upper

107 100

109 95.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

150000

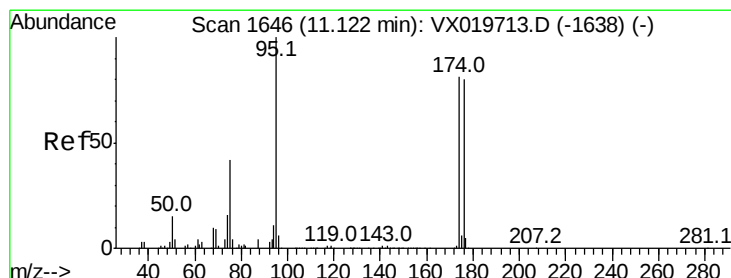
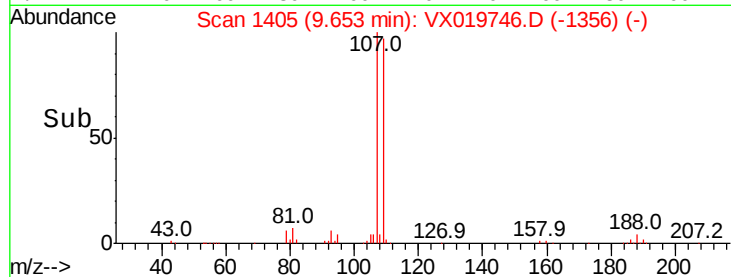
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 50.486 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

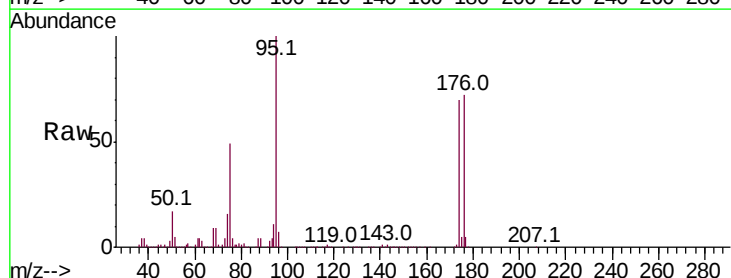
Tgt Ion: 95 Resp: 235519

Ion Ratio Lower Upper

95 100

174 78.2 0.0 154.6

176 77.2 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

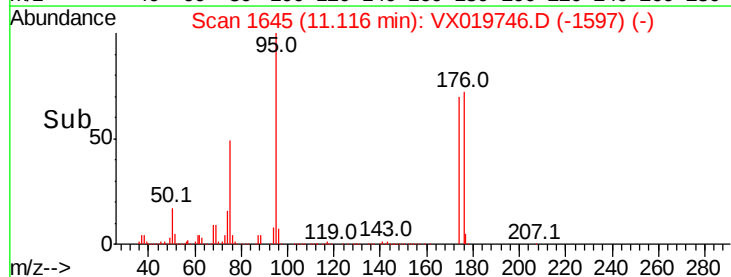
100000

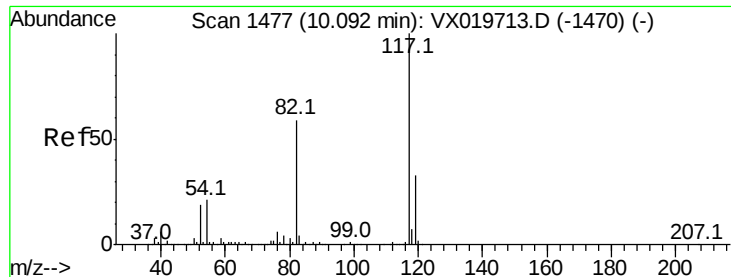
50000

0

Time-->

11.10 11.20

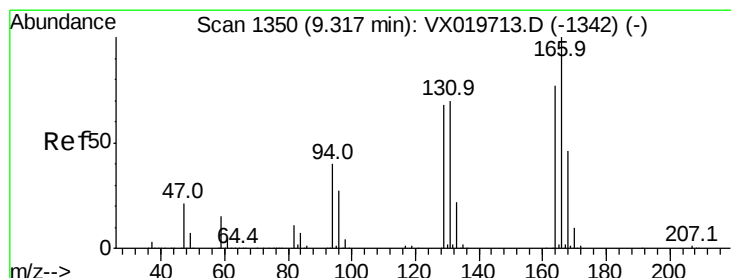
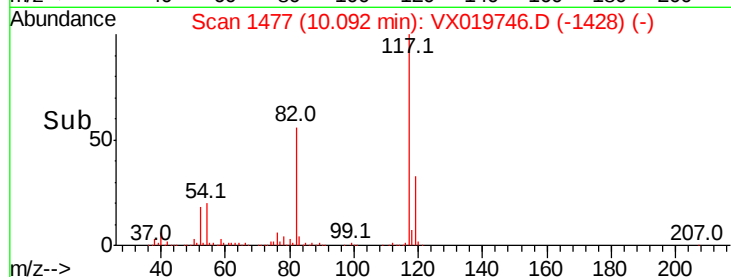
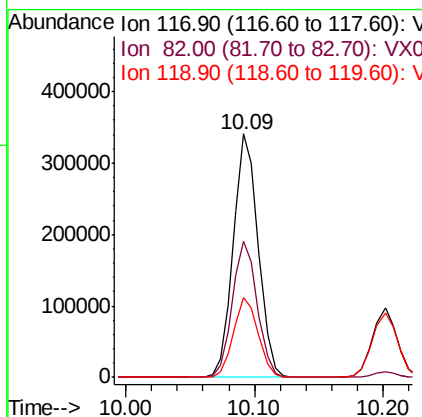
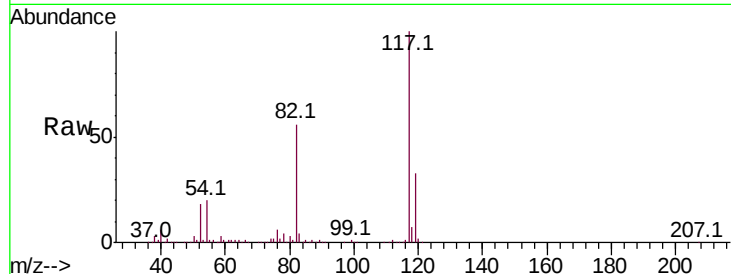




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

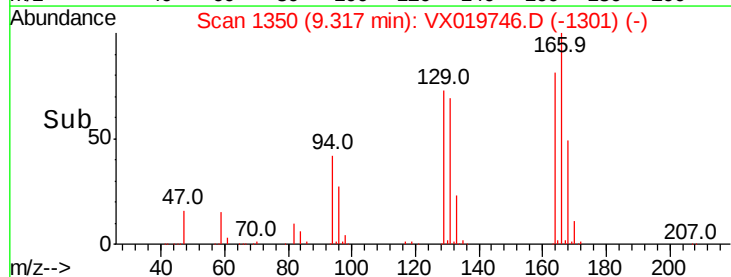
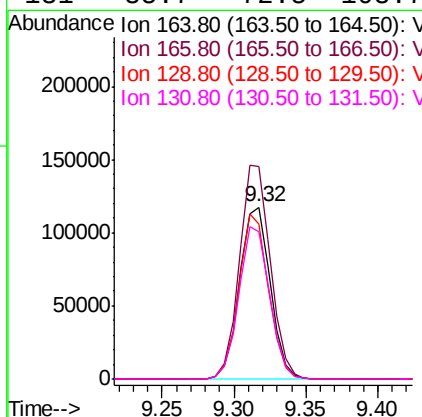
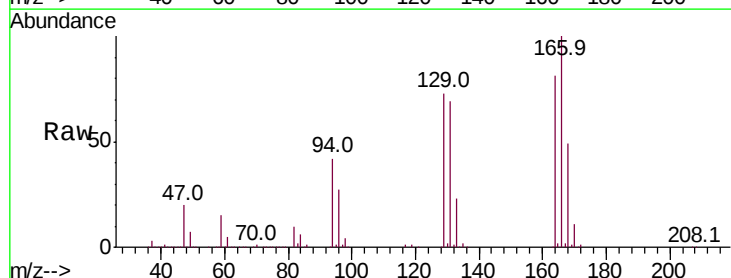
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

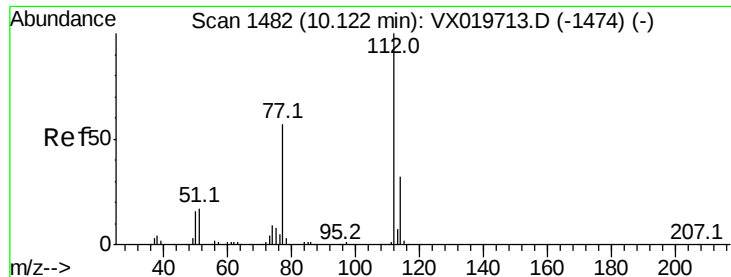
Tot Ion:117 Resp: 460069
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 32.6 26.6 39.8



#64
Tetrachloroethene
Concen: 56.080 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion:164 Resp: 173023
Ion Ratio Lower Upper
164 100
166 124.1 103.4 155.2
129 90.3 70.8 106.2
131 85.7 72.5 108.7





#65

Chlorobenzene

Concen: 55.309 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

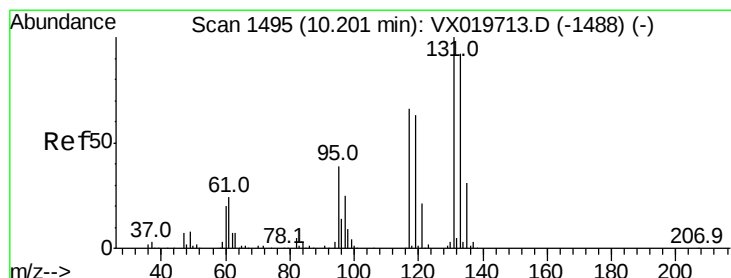
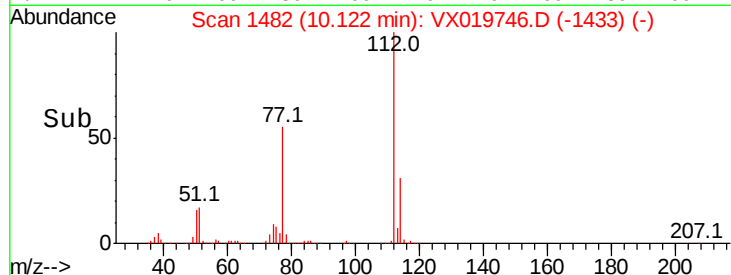
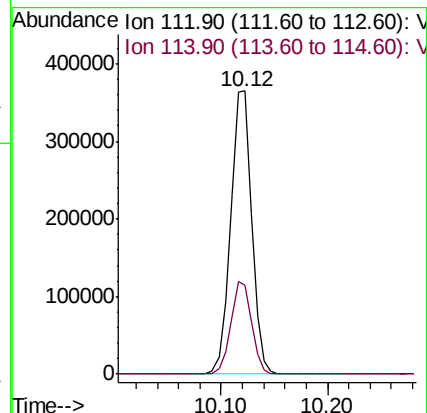
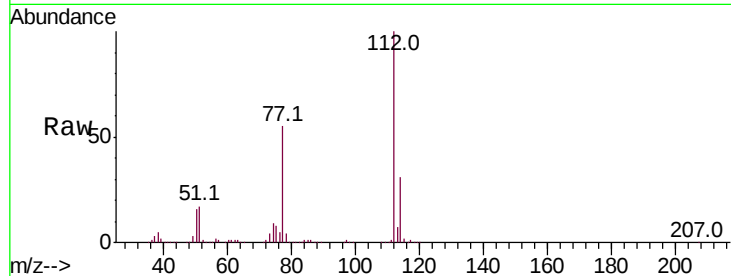
VSTDCCC050

Tot Ion:112 Resp: 506958

Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 56.907 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

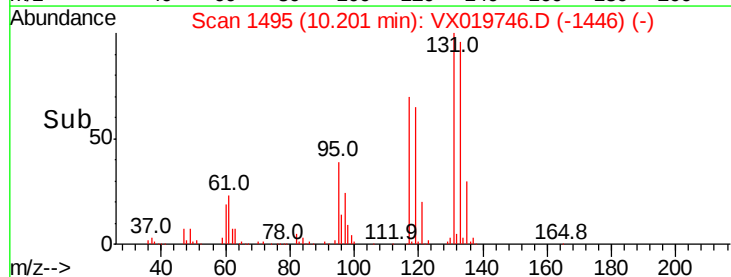
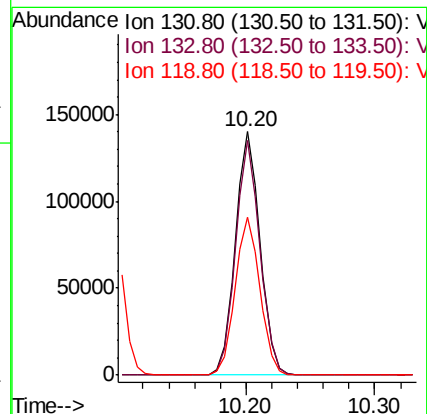
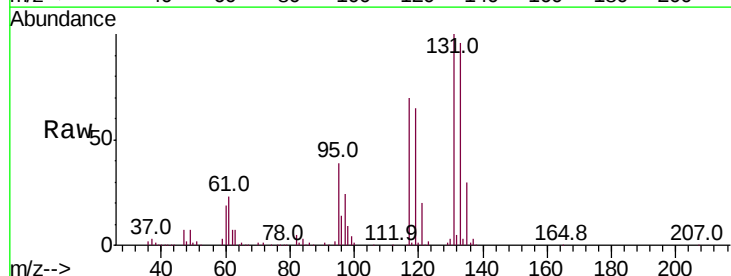
Tgt Ion:131 Resp: 187738

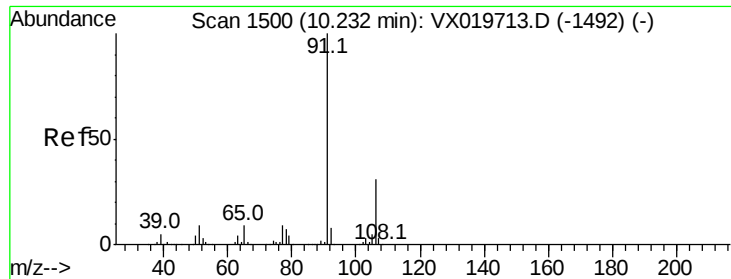
Ion Ratio Lower Upper

131 100

133 95.1 47.7 143.1

119 65.4 32.1 96.5





#67

Ethyl Benzene

Concen: 56.275 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

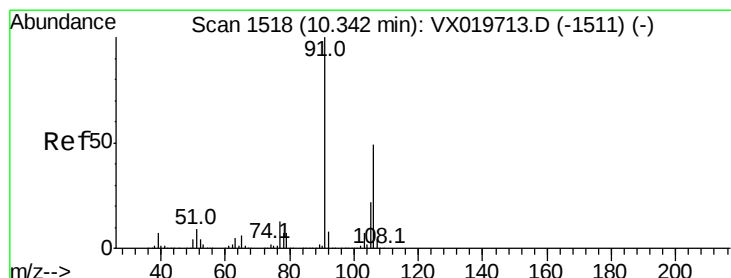
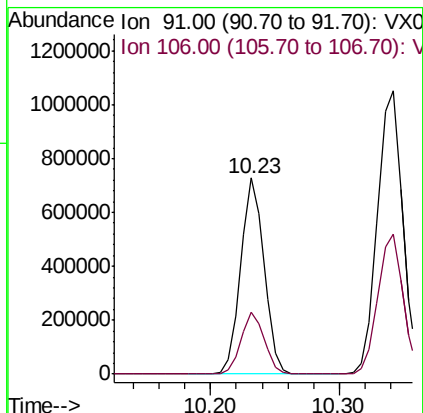
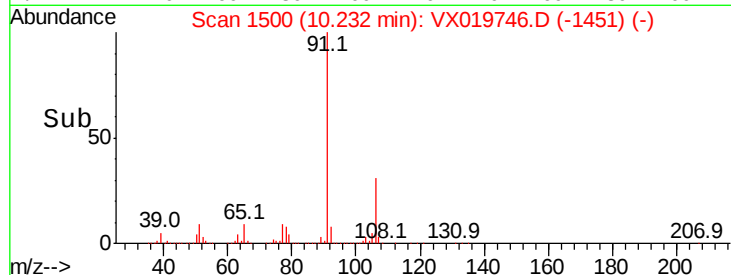
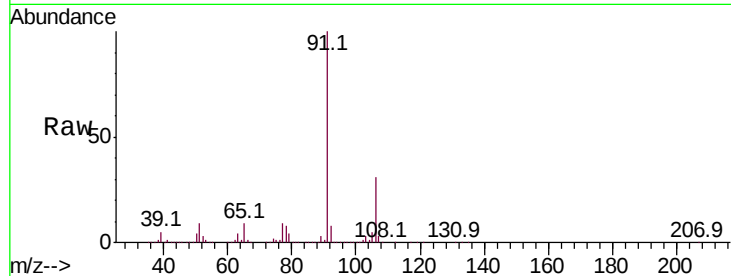
VSTDCCC050

Tot Ion: 91 Resp: 915579

Ion Ratio Lower Upper

91 100

106 31.5 24.6 37.0



#68

m/p-Xylenes

Concen: 113.671 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019746.D

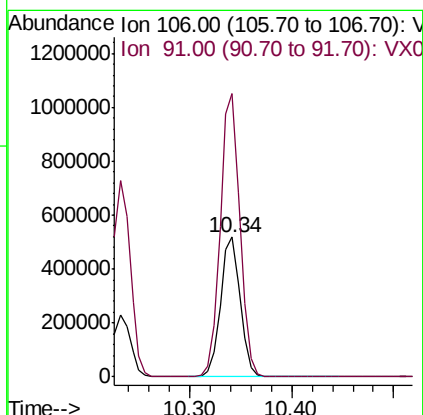
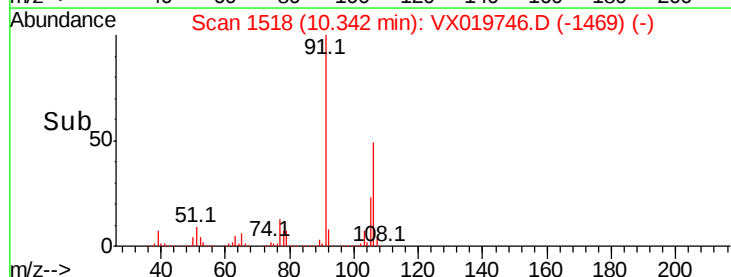
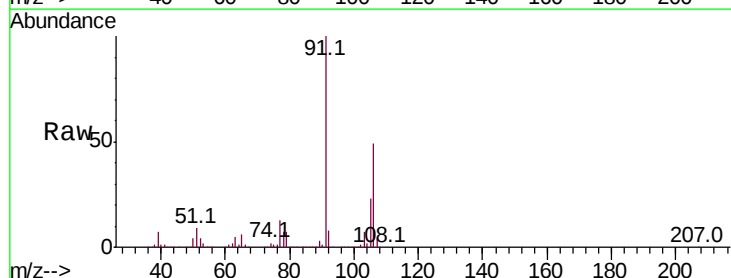
Acq: 07 Dec 2020 11:47

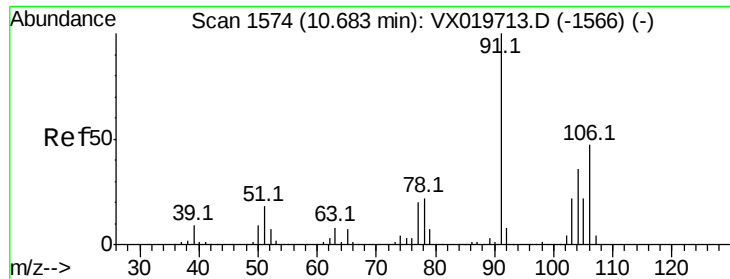
Tgt Ion: 106 Resp: 696884

Ion Ratio Lower Upper

106 100

91 202.9 162.8 244.2

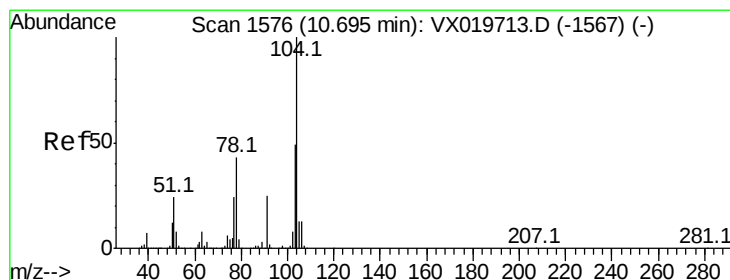
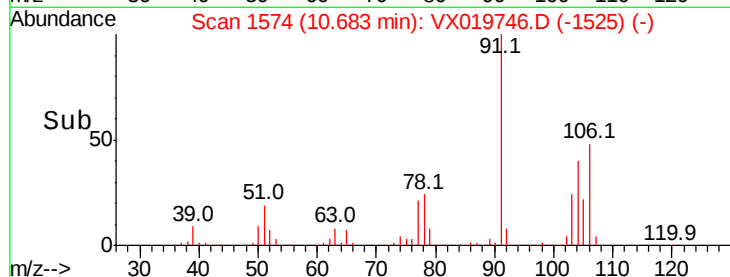
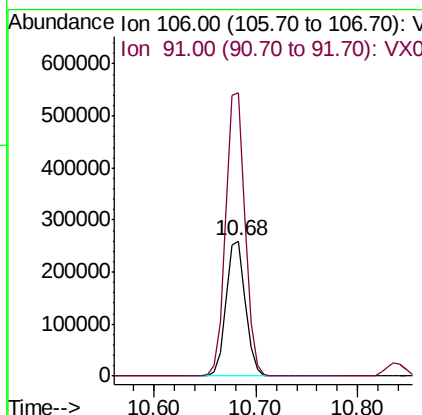
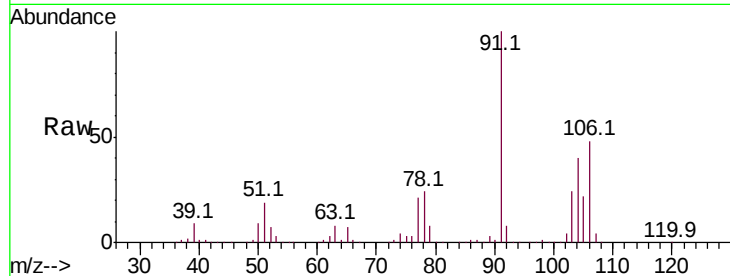




#69
o-Xylene
Concen: 57.416 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

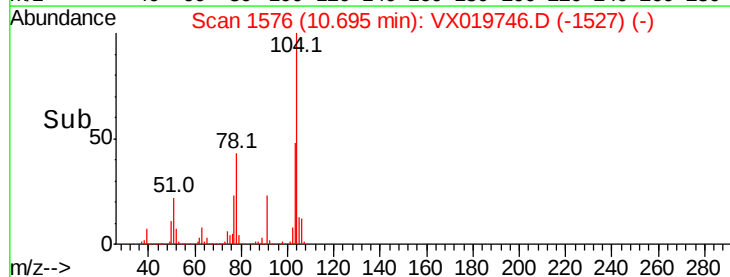
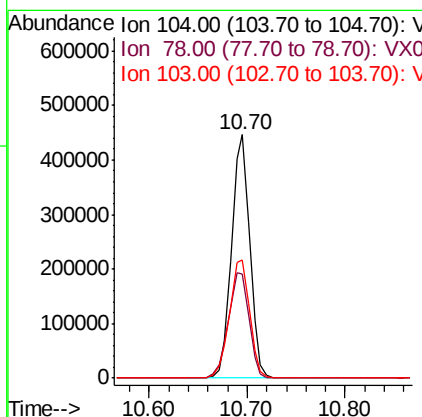
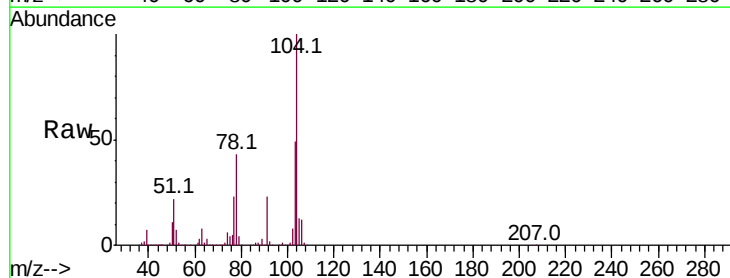
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

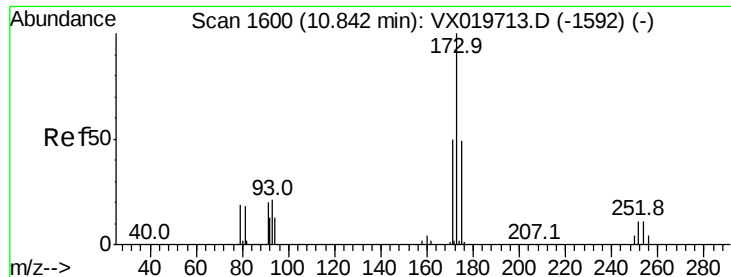
Tot Ion:106 Resp: 338608
Ion Ratio Lower Upper
106 100
91 210.8 108.1 324.2



#70
Styrene
Concen: 58.008 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion:104 Resp: 577424
Ion Ratio Lower Upper
104 100
78 49.4 40.0 60.0
103 54.1 43.4 65.0





#71

Bromoform

Concen: 60.329 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

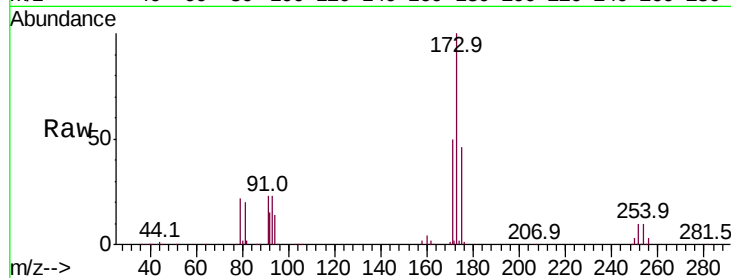
Tot Ion:173 Resp: 156572

Ion Ratio Lower Upper

173 100

175 48.1 23.9 71.8

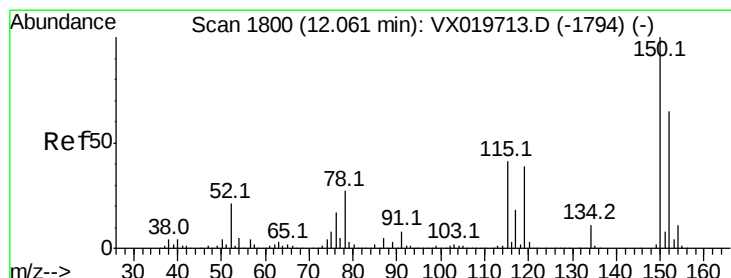
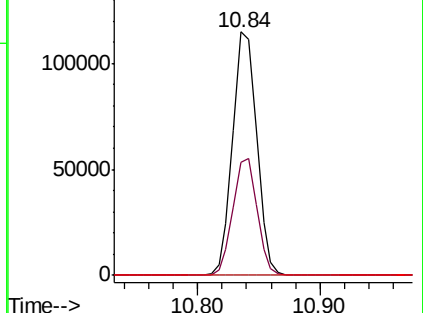
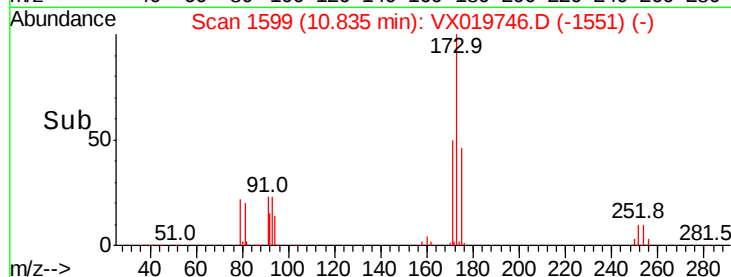
254 0.1 0.1 0.1#



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: VX019746.D

Acq: 07 Dec 2020 11:47

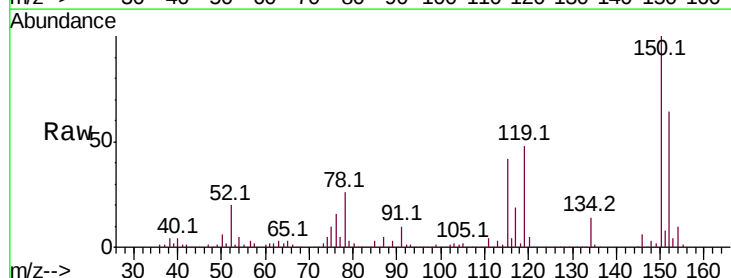
Tgt Ion:152 Resp: 236642

Ion Ratio Lower Upper

152 100

115 84.5 41.1 123.3

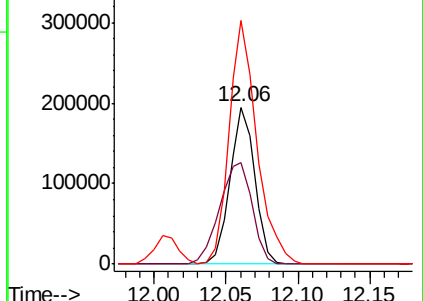
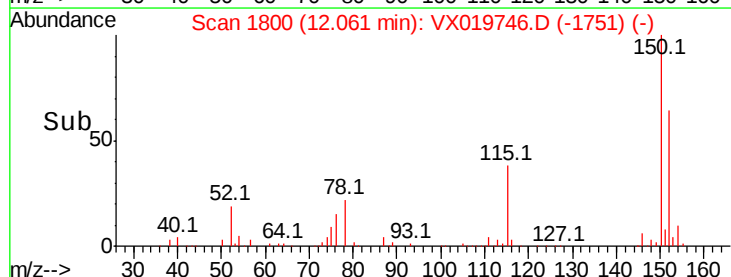
150 173.2 0.0 349.0

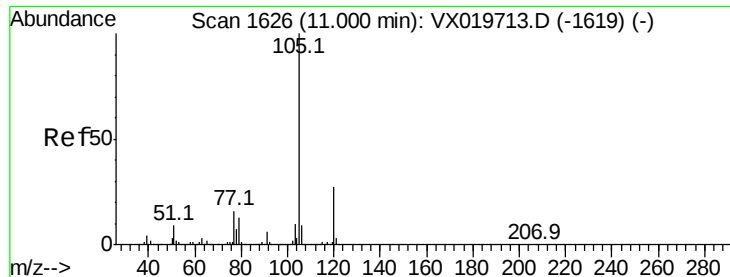


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.712 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

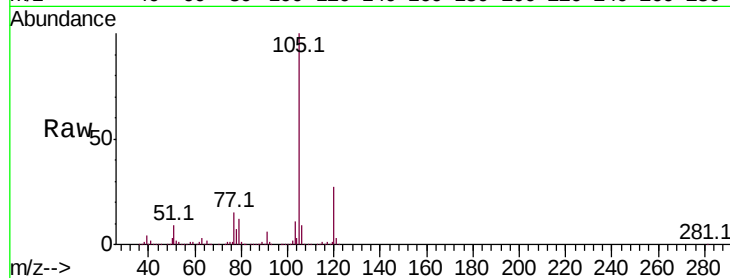
VSTDCCC050

Tot Ion:105 Resp: 900716

Ion Ratio Lower Upper

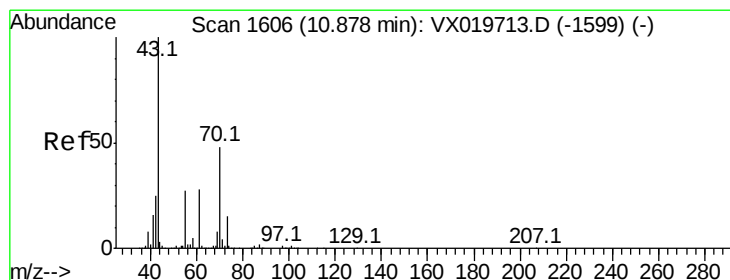
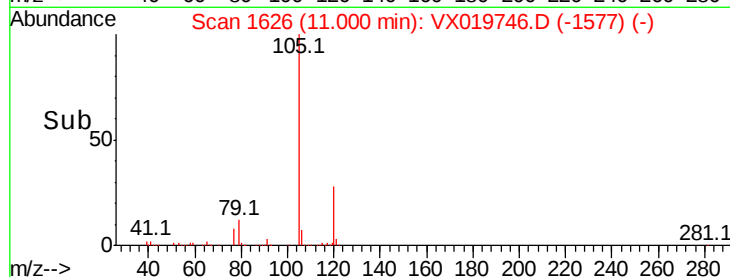
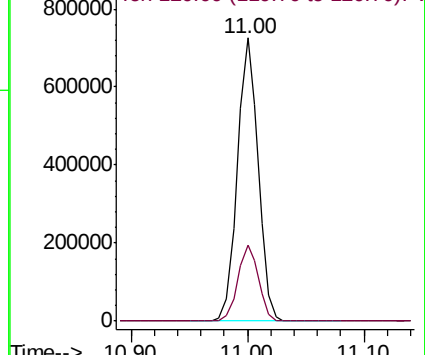
105 100

120 26.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.785 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Tgt Ion: 43 Resp: 354947

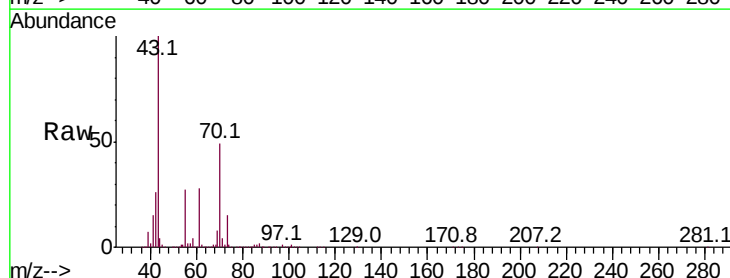
Ion Ratio Lower Upper

43 100

70 49.8 39.0 58.6

55 27.1 21.5 32.3

61 27.7 22.1 33.1

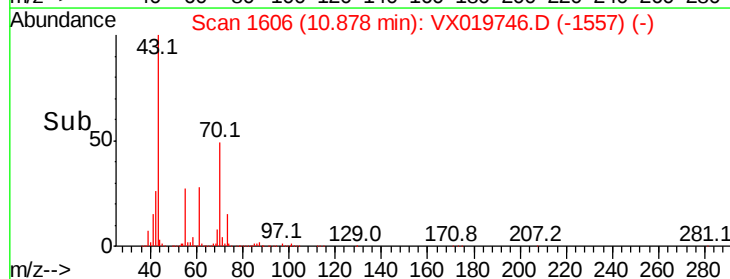
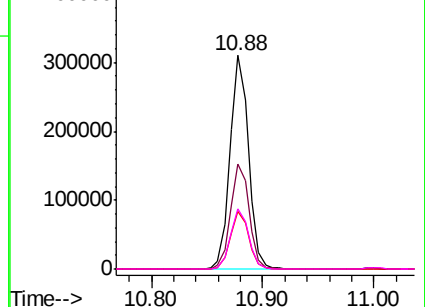


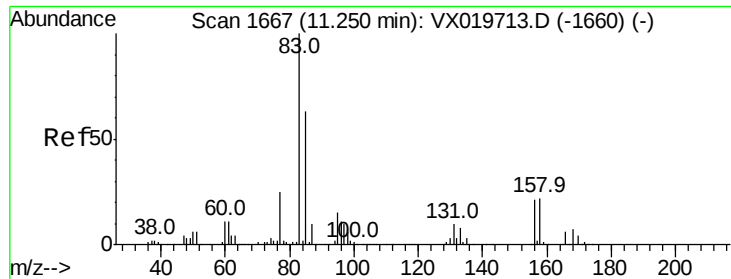
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.112 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

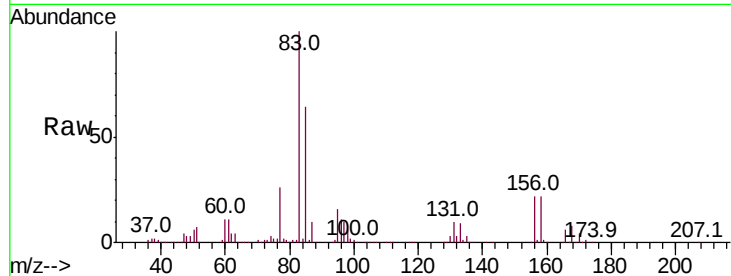
Tot Ion: 83 Resp: 308436

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

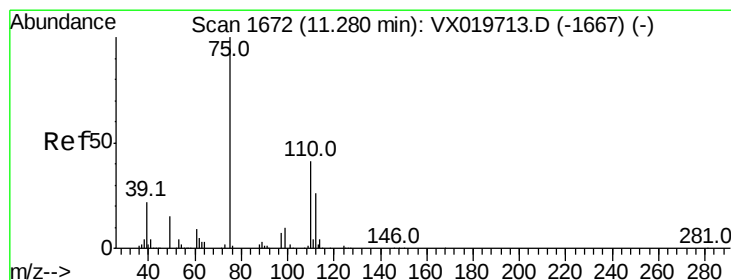
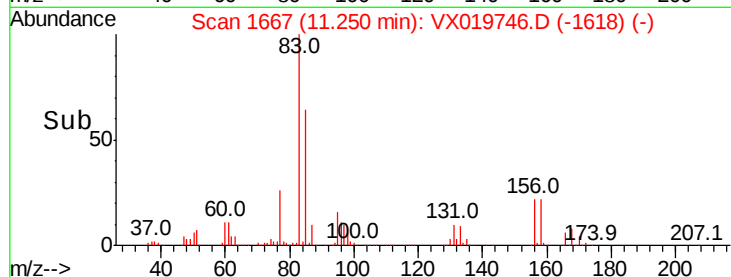
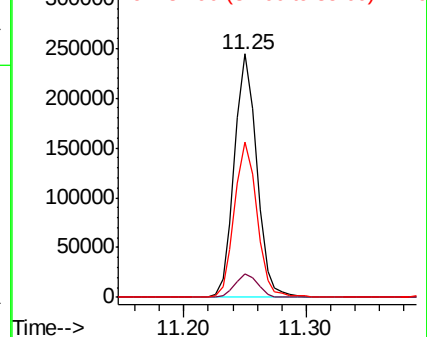
85 64.3 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.988 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019746.D

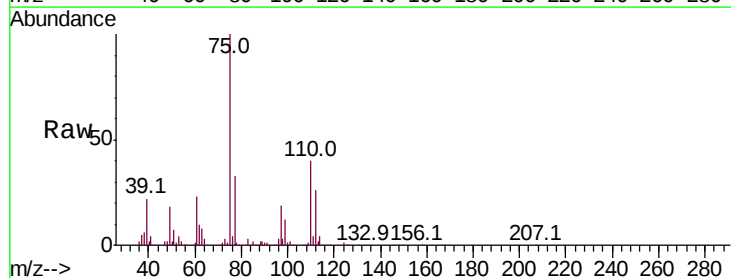
Acq: 07 Dec 2020 11:47

Tgt Ion: 75 Resp: 366150

Ion Ratio Lower Upper

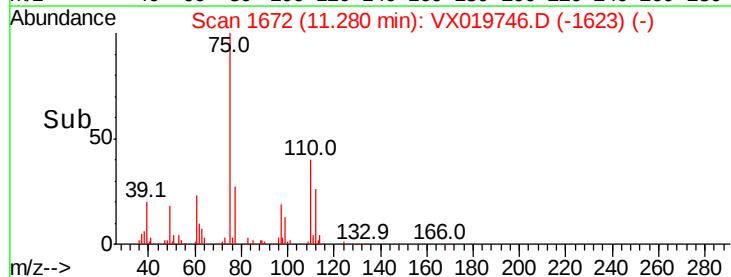
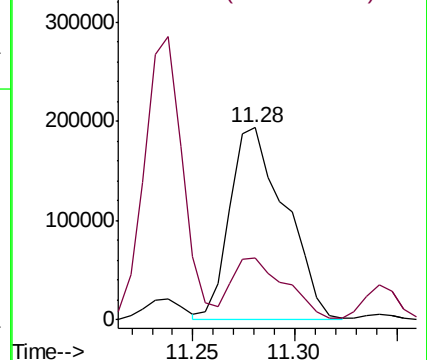
75 100

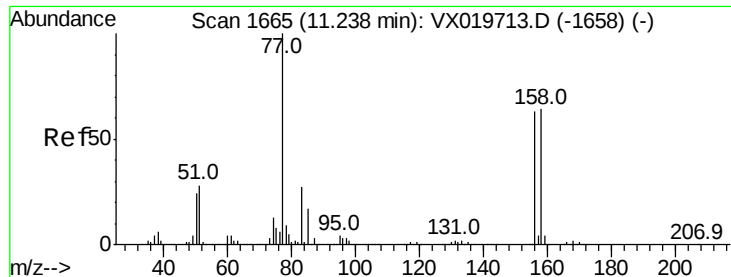
77 31.0 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 55.314 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

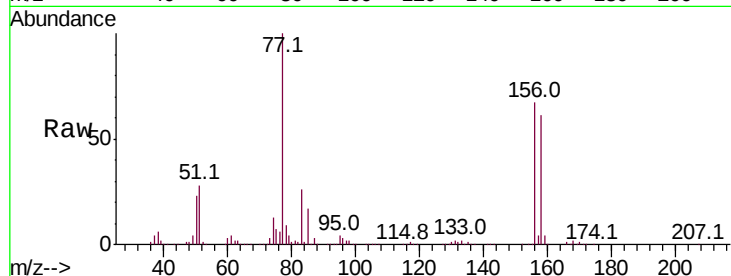
Tot Ion:156 Resp: 228856

Ion Ratio Lower Upper

156 100

77 162.3 82.8 248.6

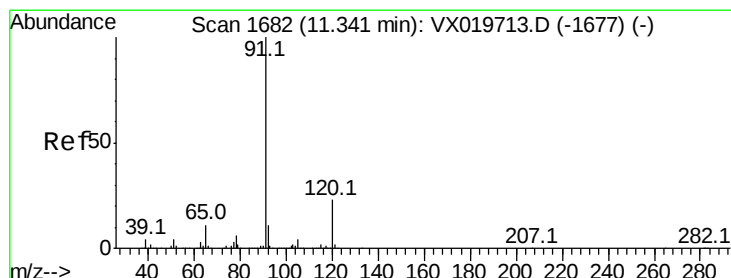
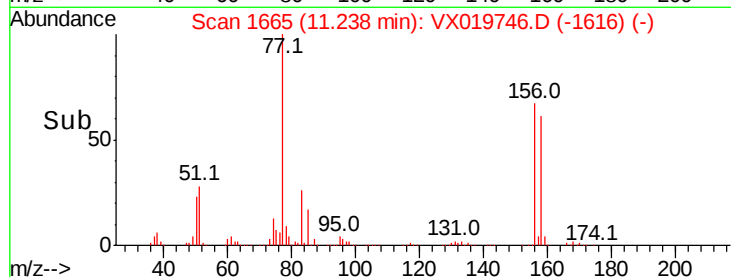
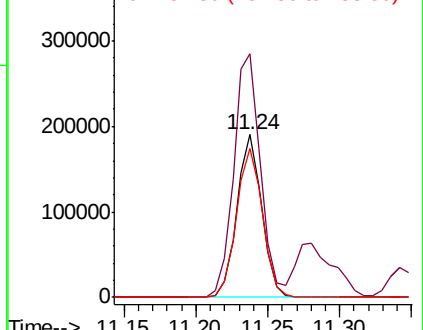
158 95.5 49.1 147.4



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: 56.394 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019746.D

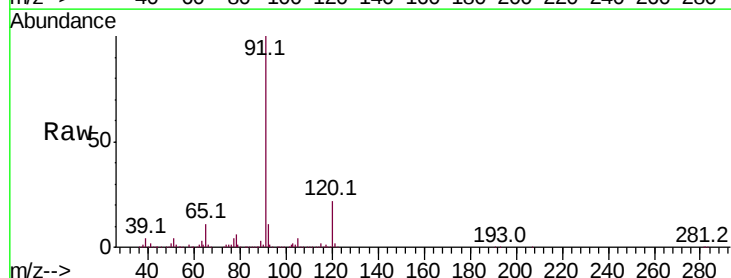
Acq: 07 Dec 2020 11:47

Tgt Ion: 91 Resp: 1041339

Ion Ratio Lower Upper

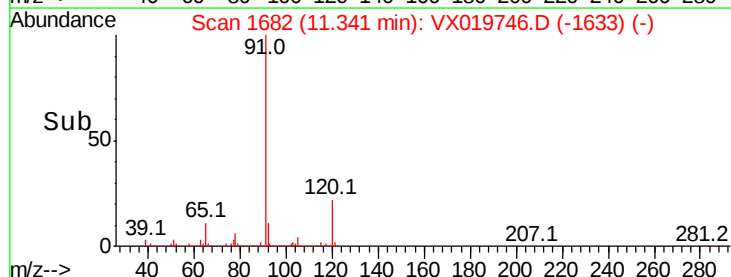
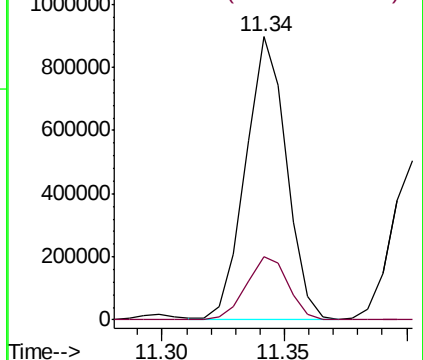
91 100

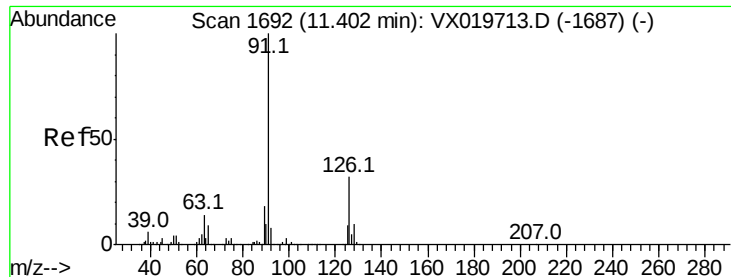
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

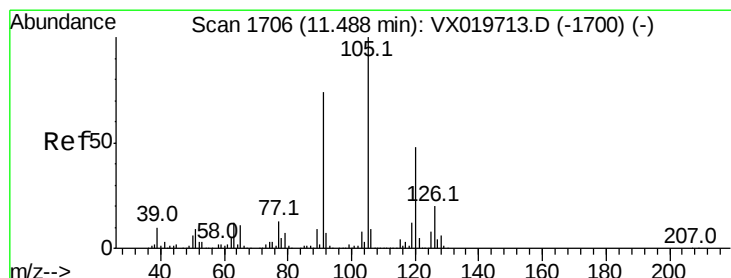
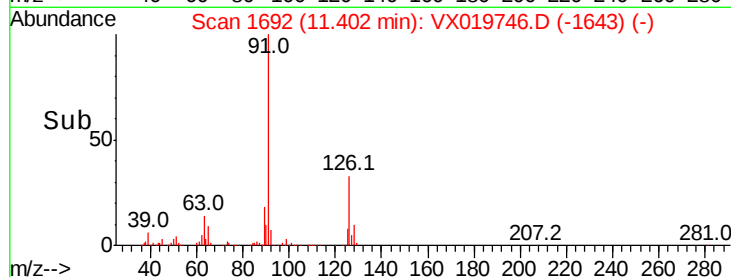
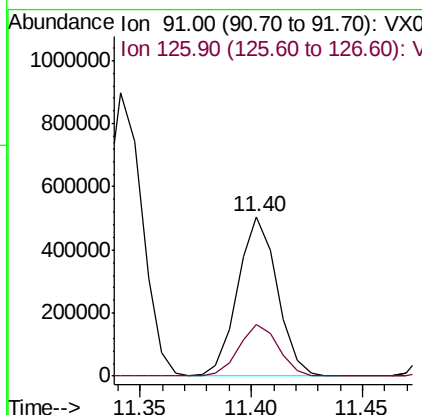
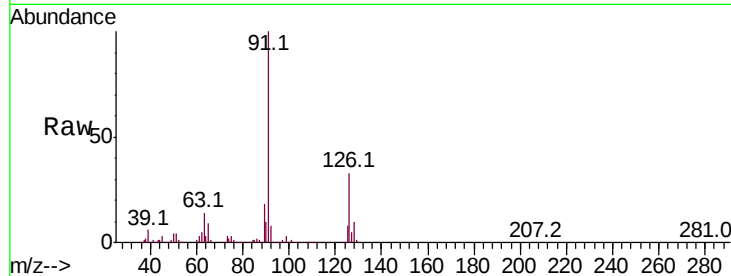




#79
2-Chlorotoluene
Concen: 54.951 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

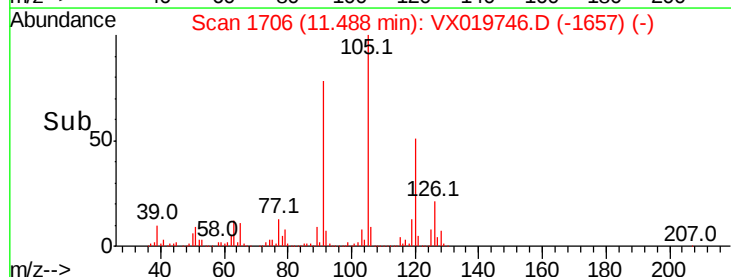
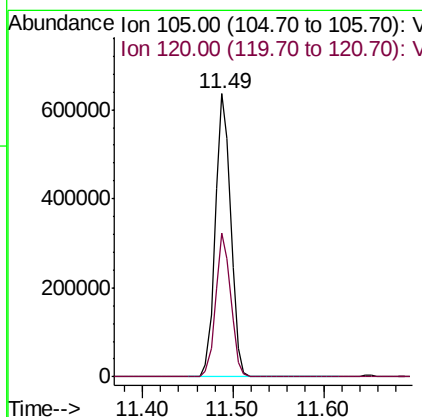
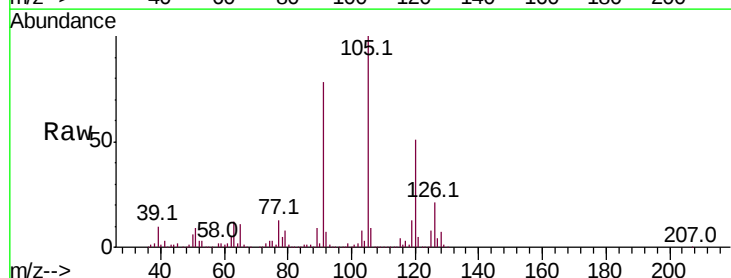
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

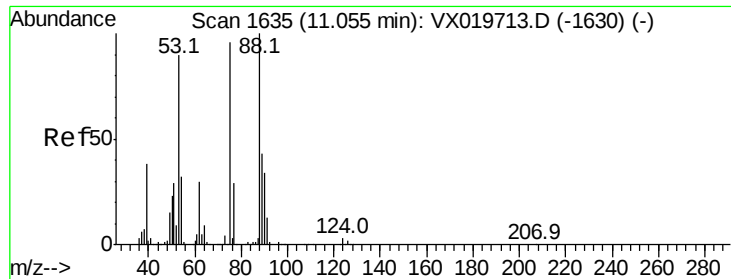
Tot Ion: 91 Resp: 624865
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 55.981 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion:105 Resp: 763839
Ion Ratio Lower Upper
105 100
120 49.6 23.8 71.5

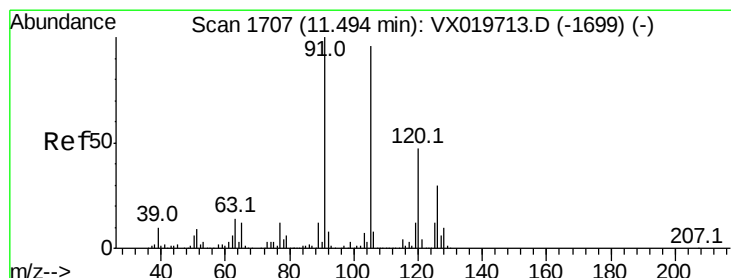
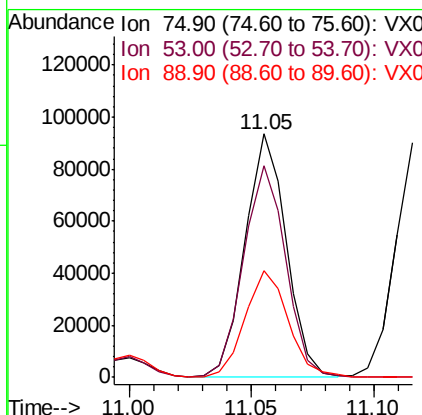
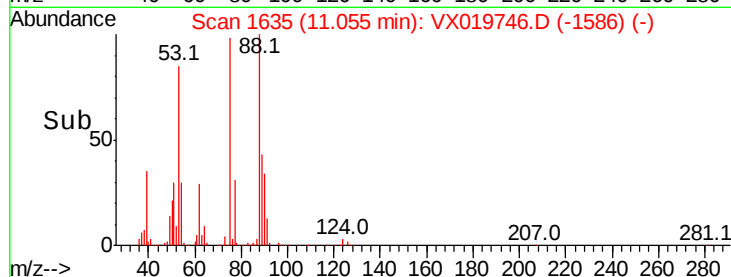
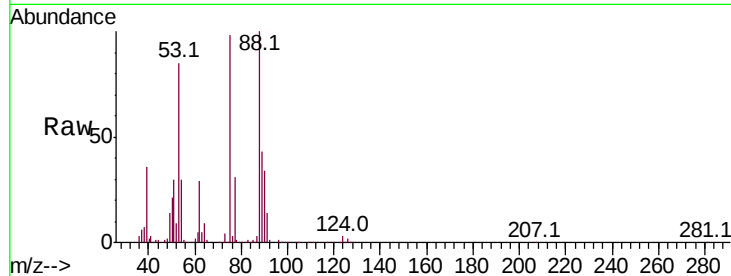




#81
trans-1,4-Dichloro-2-butene
Concen: 59.624 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

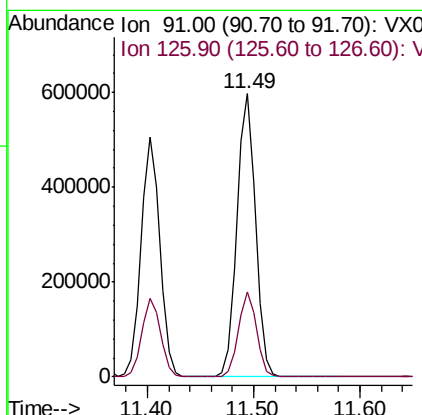
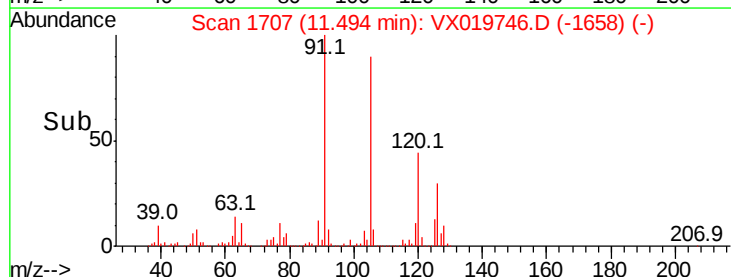
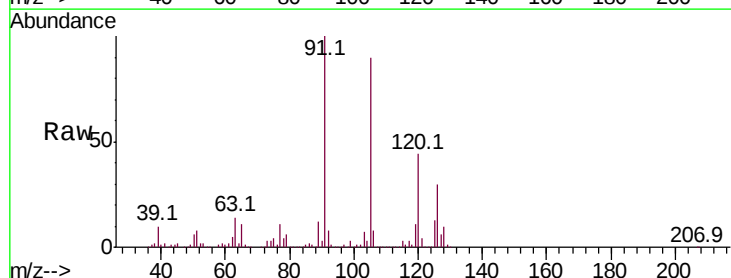
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

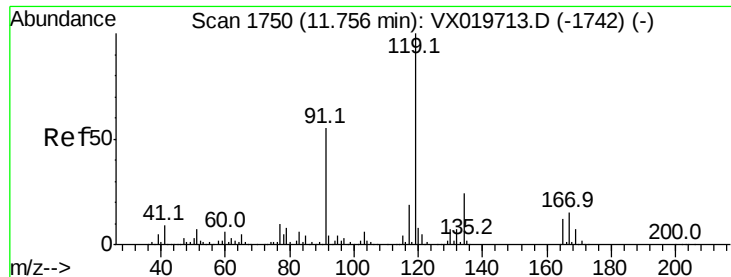
Tot Ion: 75 Resp: 109469
Ion Ratio Lower Upper
75 100
53 89.2 74.5 111.7
89 46.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 55.075 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion: 91 Resp: 733479
Ion Ratio Lower Upper
91 100
126 29.1 14.9 44.5

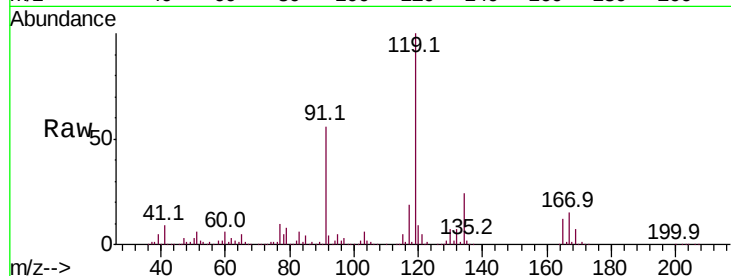




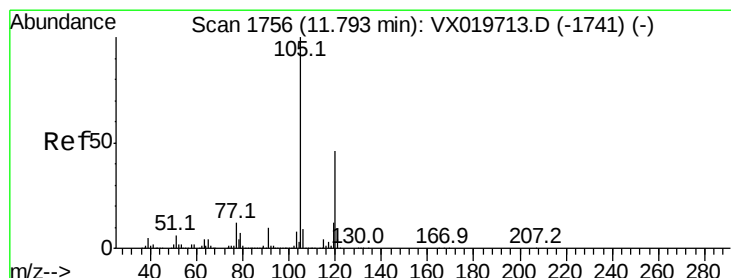
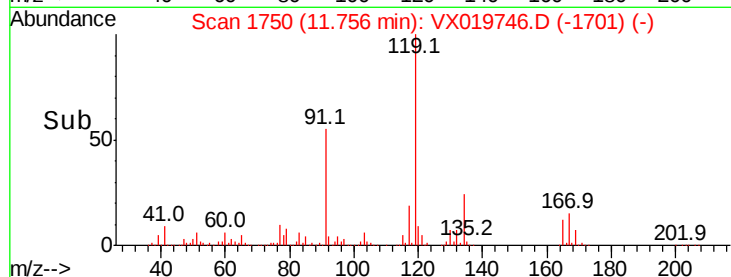
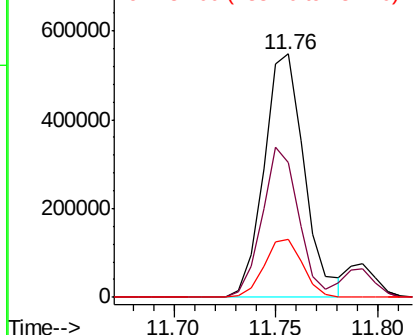
#83
tert-Butylbenzene
Concen: 56.388 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	27.9	83.7
134	23.0	11.3	33.9

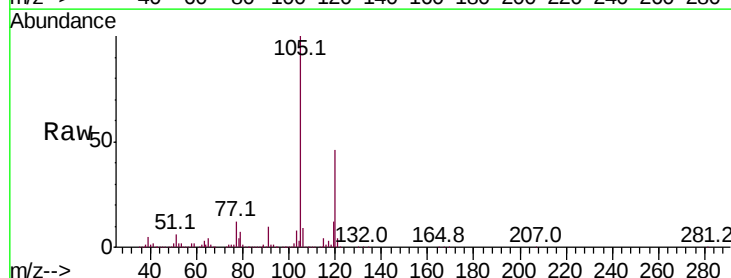


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

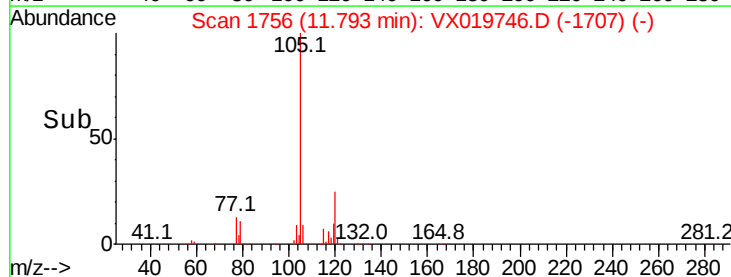
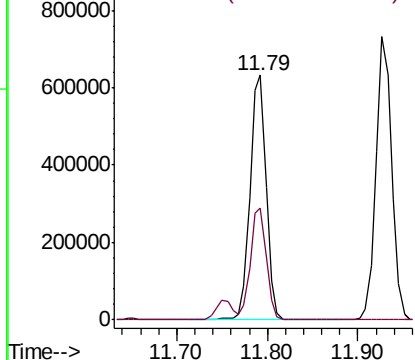


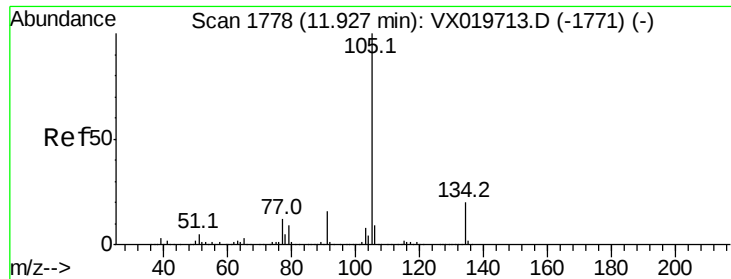
#84
1,2,4-Trimethylbenzene
Concen: 56.637 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.4	67.3



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

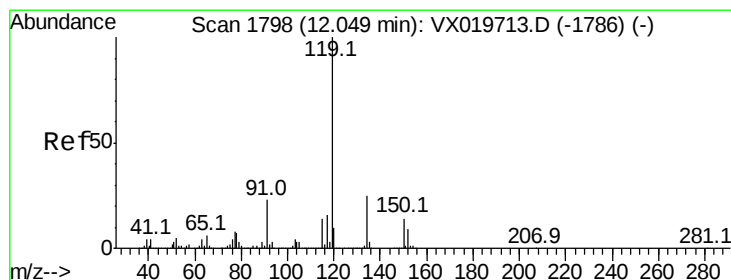
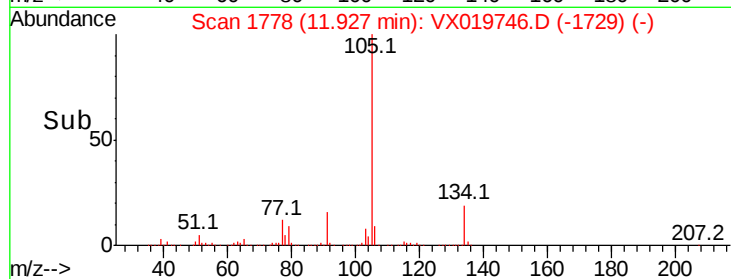
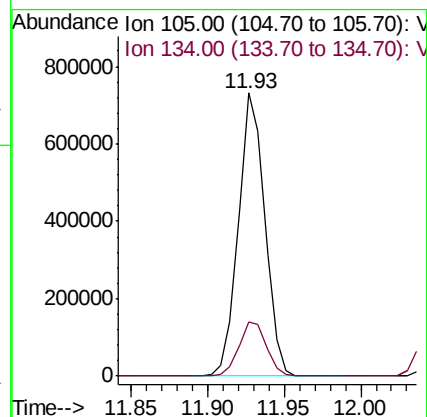
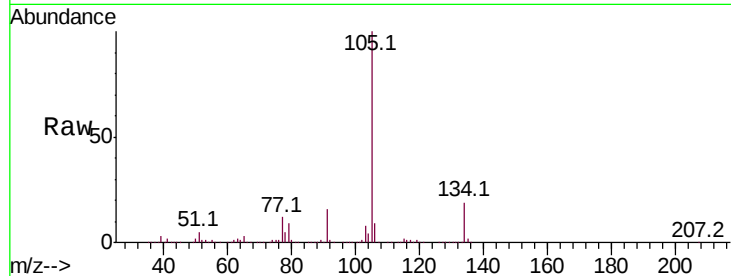




#85
 sec-Butylbenzene
 Concen: 57.270 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

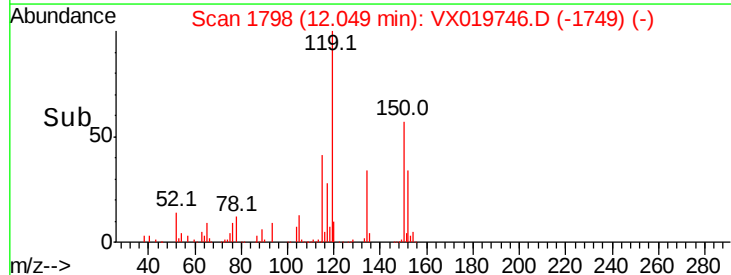
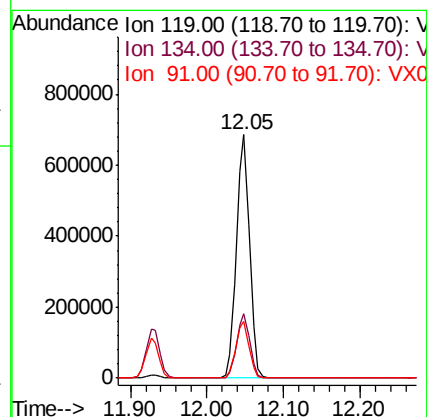
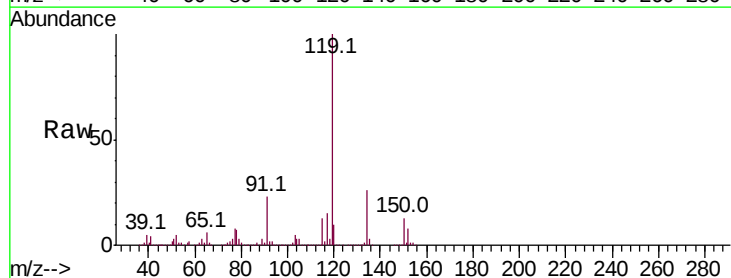
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

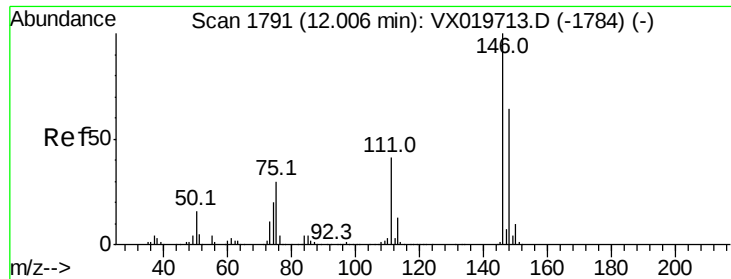
Tot Ion:105 Resp: 875008
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 58.076 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Tgt Ion:119 Resp: 813212
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.4 11.7 35.0

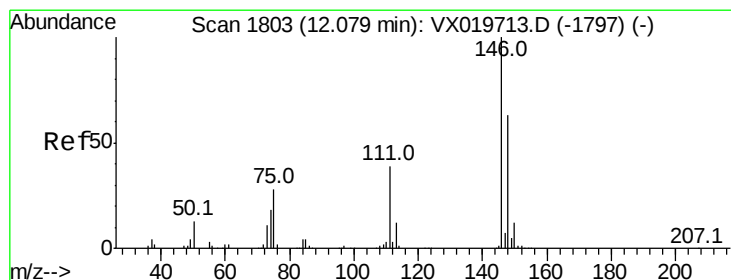
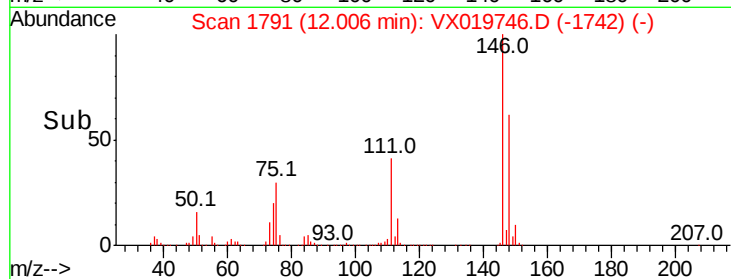
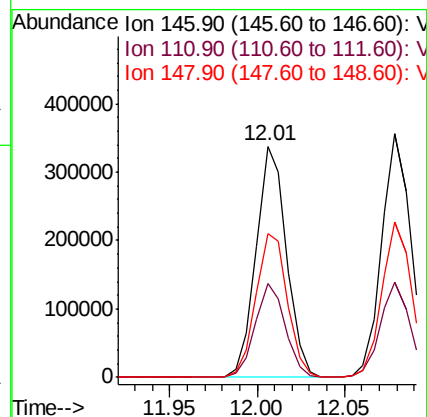
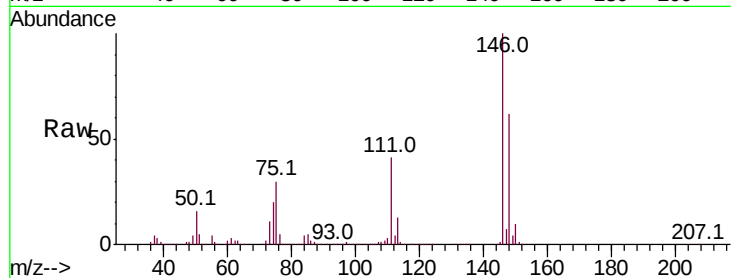




#87
 1,3-Dichlorobenzene
 Concen: 53.754 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

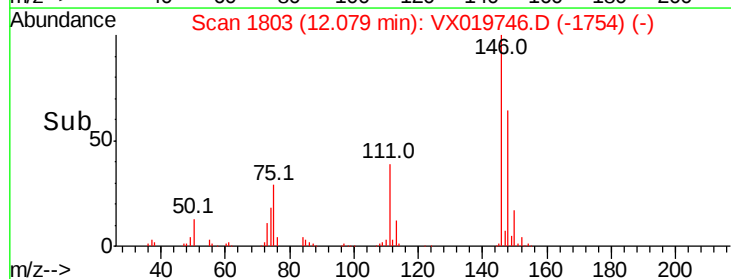
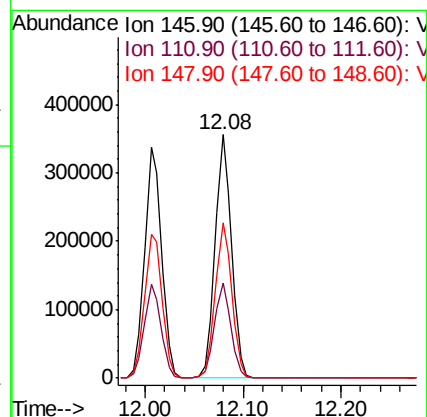
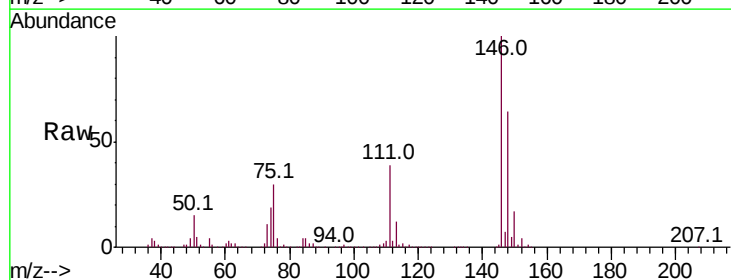
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

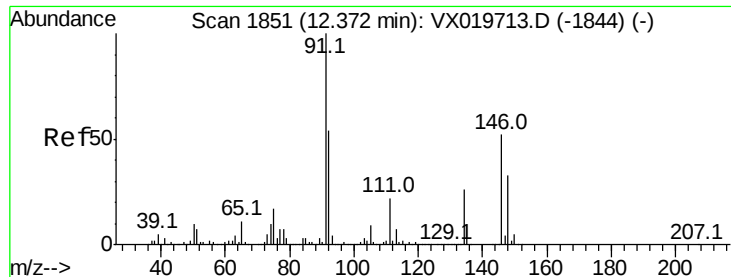
Tot Ion:146 Resp: 408186
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.2 60.5
 148 64.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 53.543 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Tgt Ion:146 Resp: 414116
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.8
 148 64.6 31.6 95.0

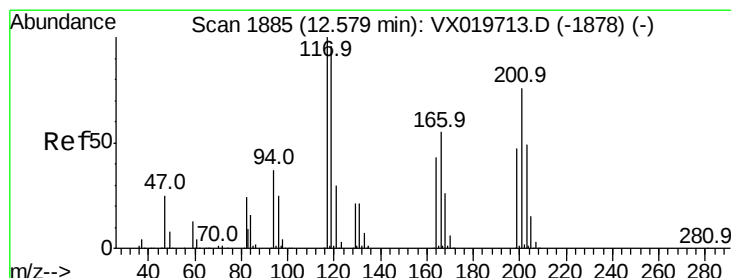
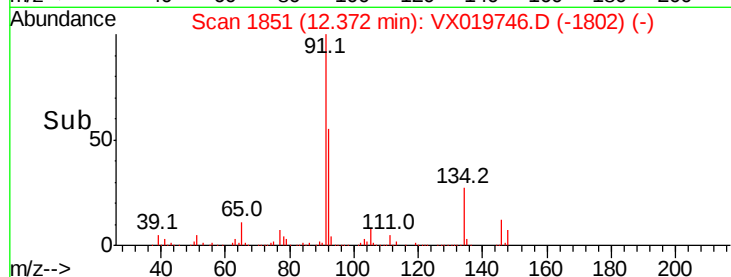
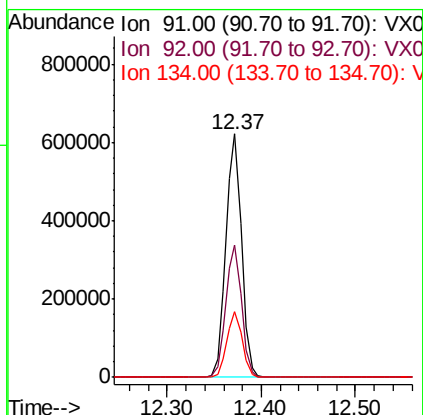
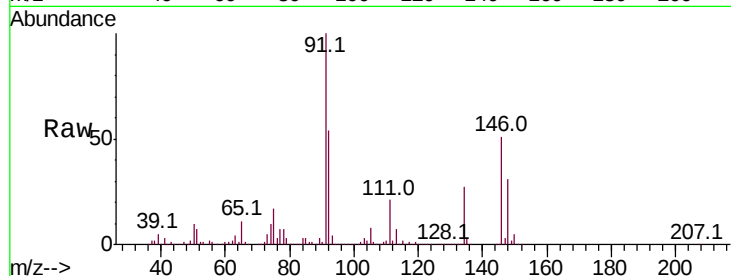




#89
n-Butylbenzene
Concen: 57.744 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

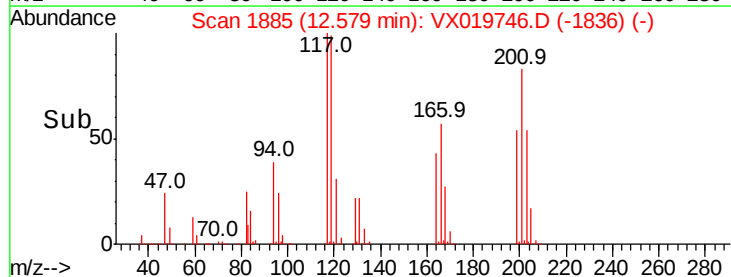
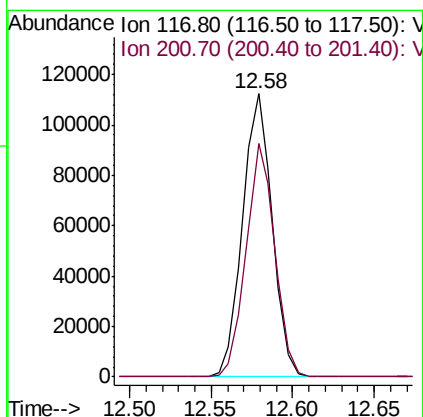
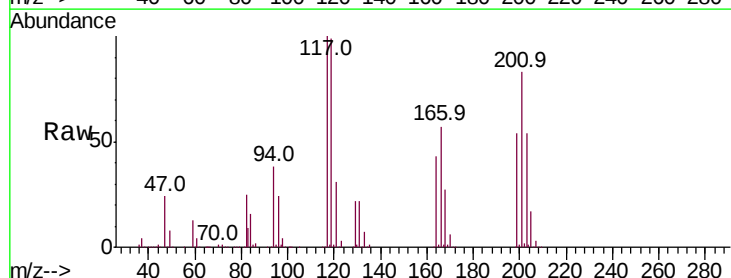
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

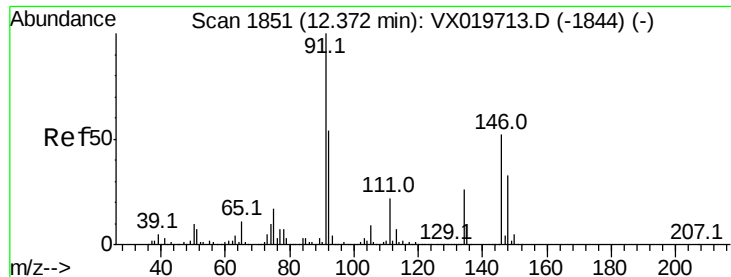
Tot Ion: 91 Resp: 716361
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.0
134 26.5 13.2 39.5



#90
Hexachloroethane
Concen: 58.882 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion: 117 Resp: 142346
Ion Ratio Lower Upper
117 100
201 80.0 40.4 121.2

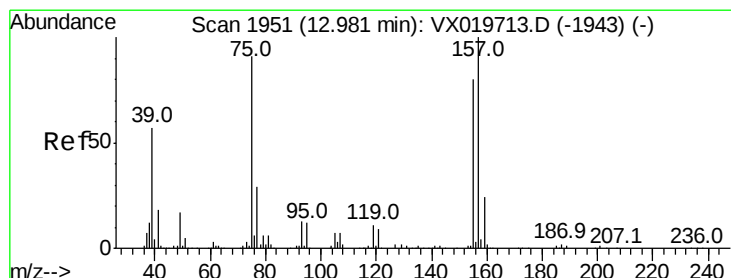
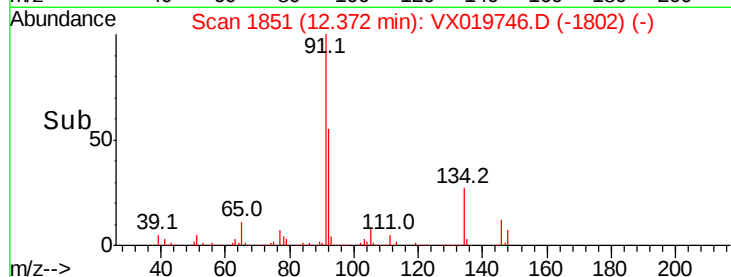
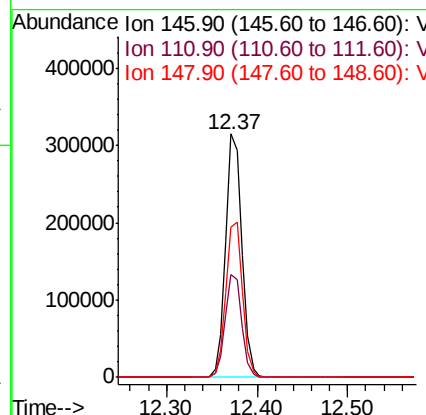
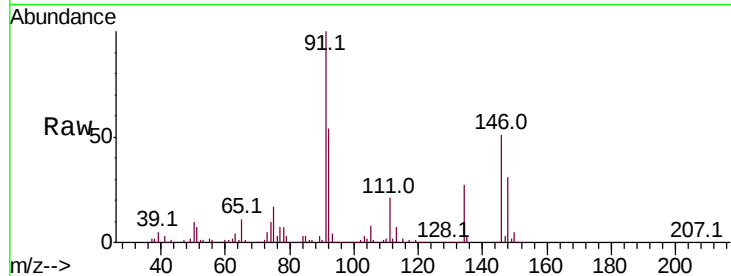




#91
 1,2-Dichlorobenzene
 Concen: 53.156 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

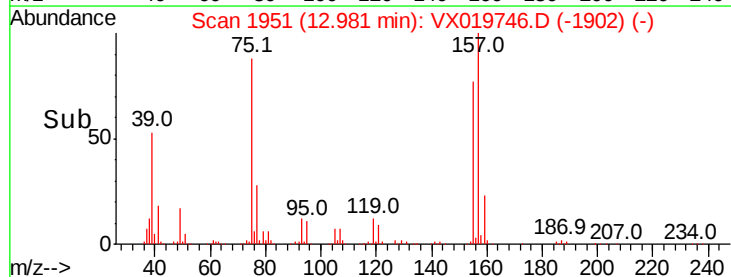
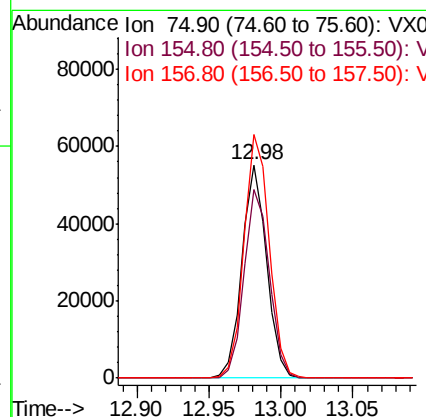
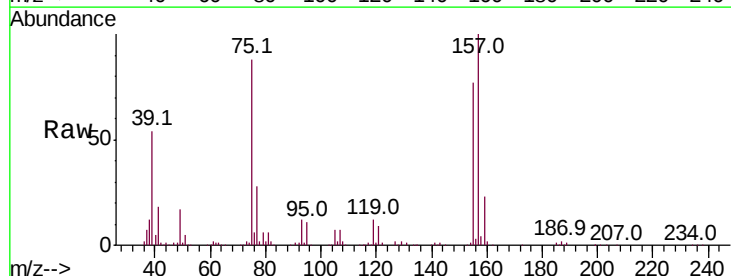
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

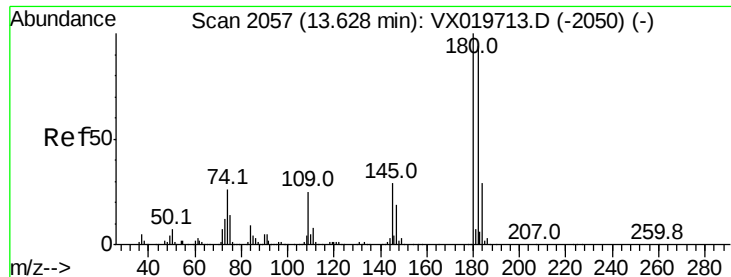
Tot Ion:146 Resp: 393484
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.8 62.2
 148 65.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.831 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Tgt Ion: 75 Resp: 65962
 Ion Ratio Lower Upper
 75 100
 155 90.1 45.3 135.9
 157 116.4 57.7 173.1





#93

1,2,4-Trichlorobenzene

Concen: 55.060 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

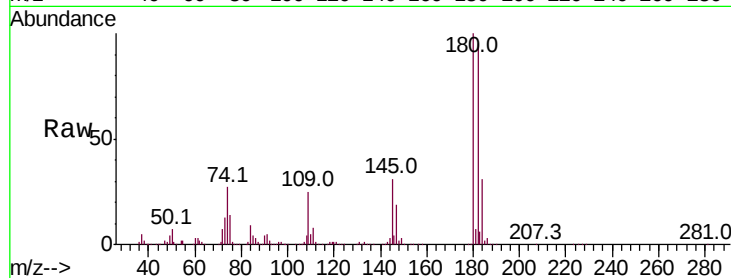
Tot Ion:180 Resp: 265316

Ion Ratio Lower Upper

180 100

182 97.3 47.7 143.1

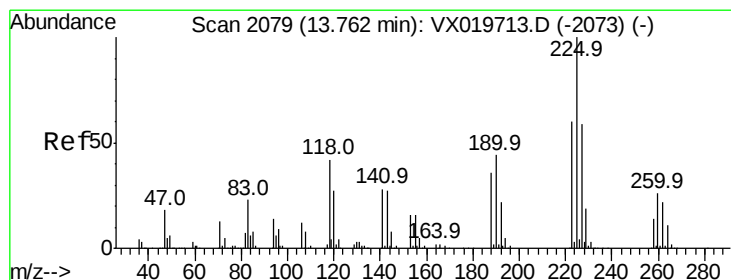
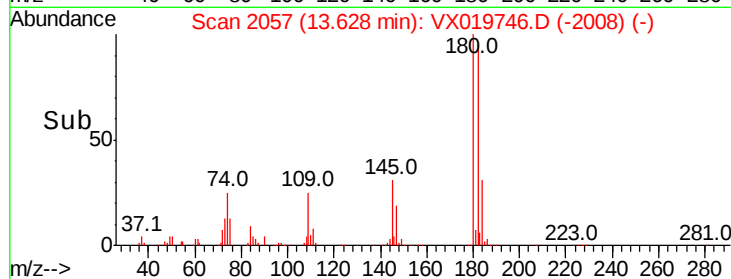
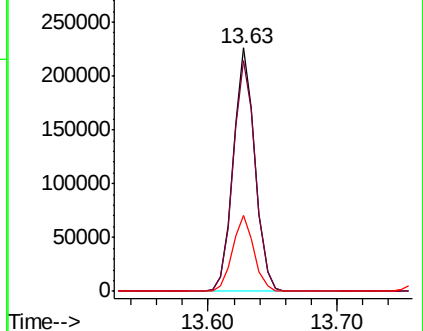
145 30.6 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 55.987 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

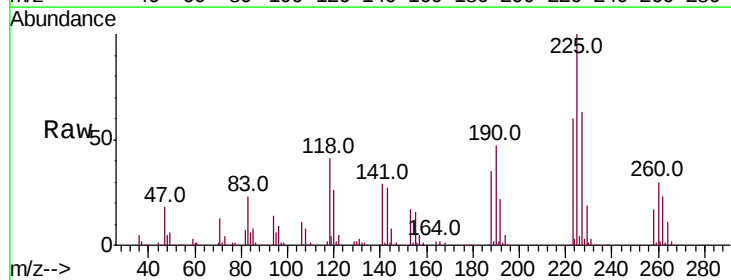
Tgt Ion:225 Resp: 120581

Ion Ratio Lower Upper

225 100

223 61.8 31.1 93.2

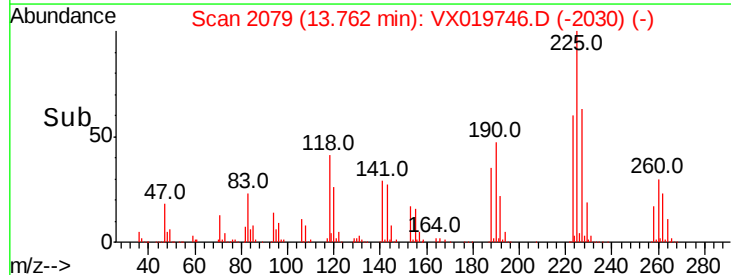
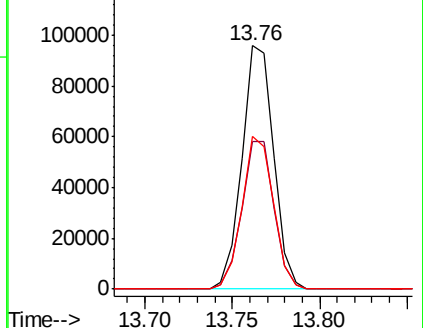
227 62.1 31.6 95.0

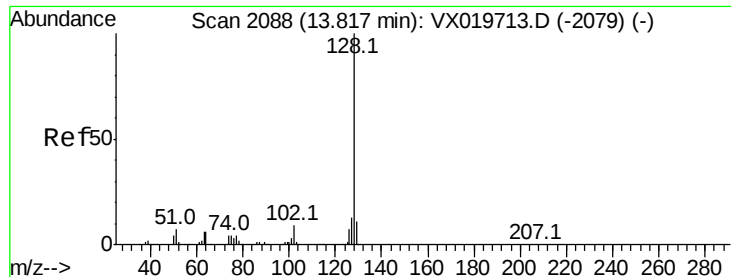


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 56.392 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

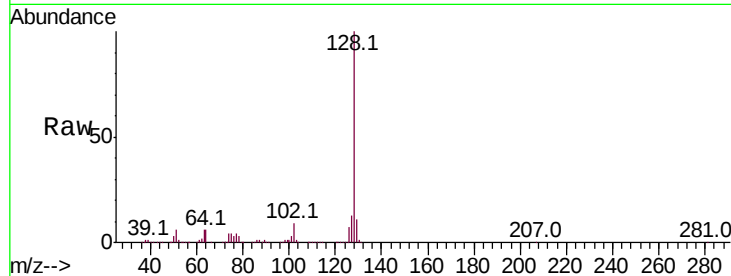
Tot Ion:128 Resp: 880956

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

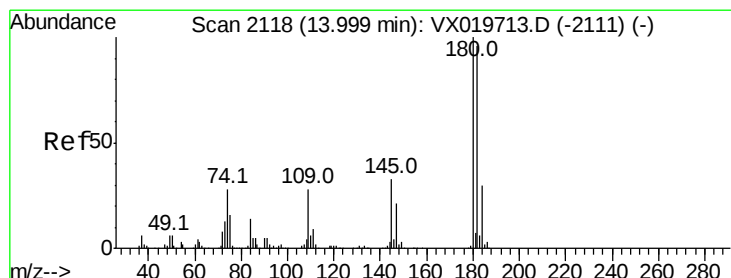
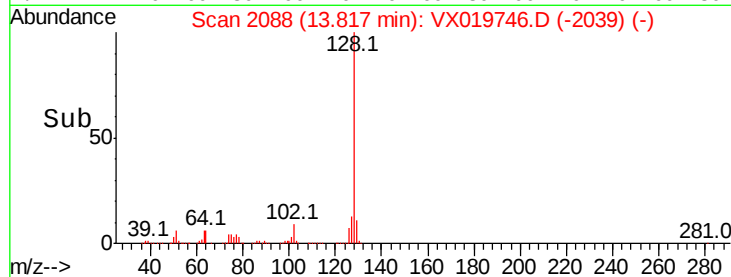
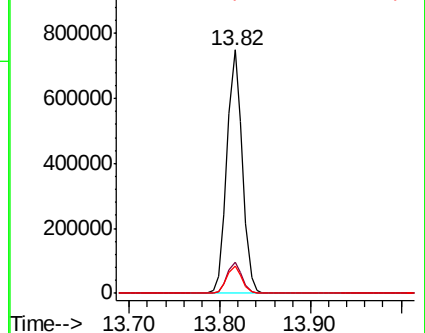
129 11.0 8.8 13.2



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: 55.091 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

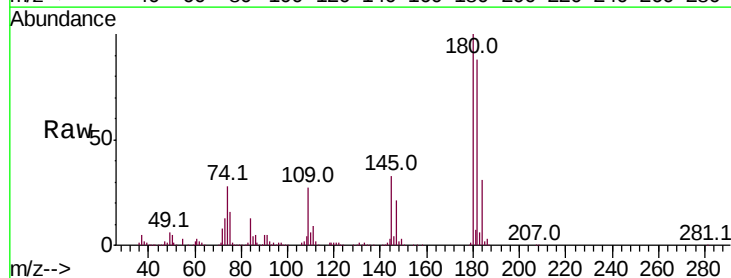
Tgt Ion:180 Resp: 259437

Ion Ratio Lower Upper

180 100

182 93.3 47.6 142.9

145 32.4 16.1 48.3



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

