

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120420\
 Data File : VX019715.D
 Acq On : 04 Dec 2020 13:10
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 04 13:31:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 13:12:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	333393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	541720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	521739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	267238	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	608974	137.85	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	275.70%#
35) Dibromofluoromethane	5.46	113	500116	140.93	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	281.86%#
50) Toluene-d8	8.70	98	1928125	141.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	283.68%#
62) 4-Bromofluorobenzene	11.12	95	781495	151.88	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	303.76%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	455594	139.784	ug/l	100
3) Chloromethane	1.31	50	503237	112.407	ug/l	100
4) Vinyl Chloride	1.39	62	561850	139.476	ug/l	100
5) Bromomethane	1.62	94	164960	114.653	ug/l	97
6) Chloroethane	1.69	64	258591	50.463	ug/l	99
7) Trichlorofluoromethane	1.90	101	760261	136.588	ug/l	99
8) Diethyl Ether	2.17	74	321374	137.362	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	451872	136.798	ug/l	99
10) Methyl Iodide	2.48	142	688408	152.079	ug/l	100
11) Tert butyl alcohol	3.04	59	679964	694.013	ug/l	99
12) 1,1-Dichloroethene	2.35	96	465077	140.478	ug/l	100
13) Acrolein	2.28	56	385150	683.783	ug/l	100
14) Allyl chloride	2.70	41	770264	144.704	ug/l	99
15) Acrylonitrile	3.12	53	1500915	732.964	ug/l	100
16) Acetone	2.42	43	1214027	682.132	ug/l	100
17) Carbon Disulfide	2.54	76	1281430	142.694	ug/l	99
18) Methyl Acetate	2.75	43	616503	137.895	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1675977	143.588	ug/l	100
20) Methylene Chloride	2.83	84	549504	120.852	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	521034	139.280	ug/l	99
22) Diisopropyl ether	3.82	45	1546884	140.349	ug/l	95
23) Vinyl Acetate	3.78	43	6729849	725.140	ug/l	100
24) 1,1-Dichloroethane	3.67	63	916487	137.258	ug/l	99
25) 2-Butanone	4.64	43	1956462	743.786	ug/l	99
26) 2,2-Dichloropropane	4.55	77	814689	146.169	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	607162	139.318	ug/l	99
28) Bromochloromethane	4.98	49	435272	143.014	ug/l	100
29) Tetrahydrofuran	5.09	42	1248143	741.957	ug/l	100
30) Chloroform	5.18	83	944063	137.639	ug/l	99
31) Cyclohexane	5.54	56	806448	138.151	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	834140	142.444	ug/l	99
36) 1,1-Dichloropropene	5.76	75	716768	143.108	ug/l	99
37) Ethyl Acetate	4.79	43	749661	149.455	ug/l	100
38) Carbon Tetrachloride	5.75	117	720484	144.864	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	867785	147.416	ug/l	100
40) Benzene	6.11	78	2177052	139.387	ug/l	100
41) Methacrylonitrile	5.01	41	410440	147.854	ug/l	99
42) 1,2-Dichloroethane	6.16	62	746708	139.165	ug/l	100
43) Isopropyl Acetate	6.41	43	1245245	149.955	ug/l	100
44) Trichloroethene	7.18	130	575899	141.173	ug/l	98
45) 1,2-Dichloropropane	7.49	63	548537	139.639	ug/l	98
46) Dibromomethane	7.63	93	380613	144.450	ug/l	99
47) Bromodichloromethane	7.87	83	773441	148.086	ug/l	100
48) Methyl methacrylate	7.74	41	626665	152.678	ug/l	100
49) 1,4-Dioxane	7.72	88	293723	3113.203	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	3825066	754.039	ug/l	99
52) Toluene	8.76	92	1375300	141.429	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	906986	158.363	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	953740	152.351	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	572673	145.617	ug/l	99
56) Ethyl methacrylate	9.16	69	943749	159.763	ug/l	100
57) 1,3-Dichloropropane	9.35	76	963607	144.788	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2407558	777.919	ug/l	99
59) 2-Hexanone	9.48	43	2983585	777.510	ug/l	100
60) Dibromochloromethane	9.57	129	638138	157.978	ug/l	100
61) 1,2-Dibromoethane	9.65	107	612930	148.374	ug/l	100
64) Tetrachloroethene	9.32	164	489077	135.747	ug/l	96
65) Chlorobenzene	10.12	112	1496022	138.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	573856	145.994	ug/l	99
67) Ethyl Benzene	10.23	91	2707944	141.946	ug/l	99
68) m/p-Xylenes	10.34	106	2053949	287.900	ug/l	98
69) o-Xylene	10.68	106	1009567	145.774	ug/l	98
70) Styrene	10.70	104	1753602	150.965	ug/l	99
71) Bromoform	10.84	173	502642	165.251	ug/l #	99
73) Isopropylbenzene	11.00	105	2666471	143.275	ug/l	100
74) N-amyl acetate	10.88	43	1130516	151.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	924682	137.205	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1103600	180.186	ug/l	90
77) Bromobenzene	11.24	156	670524	139.028	ug/l	99
78) n-propylbenzene	11.34	91	3078901	143.497	ug/l	99
79) 2-Chlorotoluene	11.40	91	1854035	142.069	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2269065	144.160	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	349337	159.535	ug/l	96
82) 4-Chlorotoluene	11.49	91	2180932	143.364	ug/l	100
83) tert-Butylbenzene	11.76	119	2255440	144.730	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2321133	145.926	ug/l	99
85) sec-Butylbenzene	11.93	105	2582091	145.887	ug/l	99
86) p-Isopropyltoluene	12.05	119	2396480	146.733	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1217193	138.706	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1240824	138.420	ug/l	99
89) n-Butylbenzene	12.37	91	2193787	153.293	ug/l	99
90) Hexachloroethane	12.58	117	443383	159.657	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	1189244	138.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	222990	156.647	ug/l	99

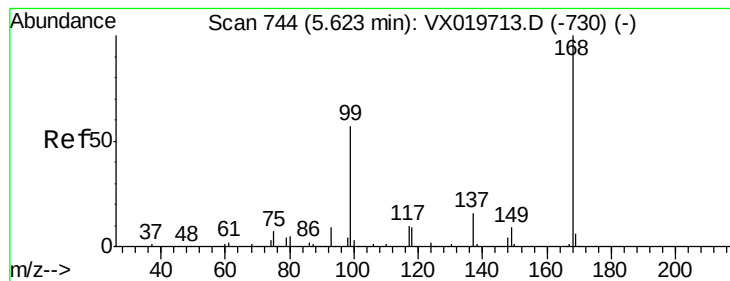
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	857906	154.088	ug/l	99
94) Hexachlorobutadiene	13.76	225	349763	148.053	ug/l	98
95) Naphthalene	13.82	128	2811967	155.642	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	824062	149.208	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

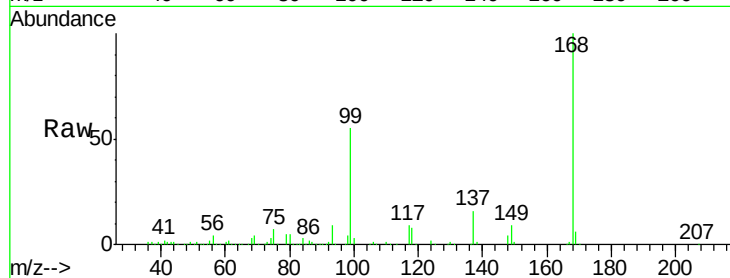
VSTDIC150

Tgt Ion:168 Resp: 333393

Ion Ratio Lower Upper

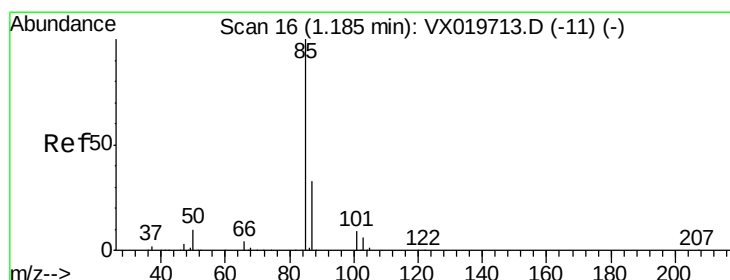
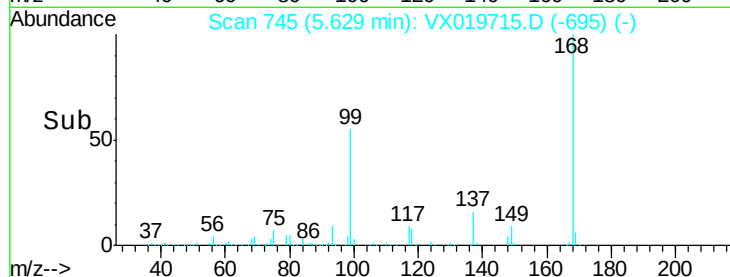
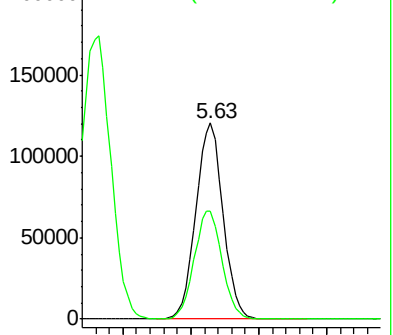
168 100

99 55.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 139.784 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019715.D

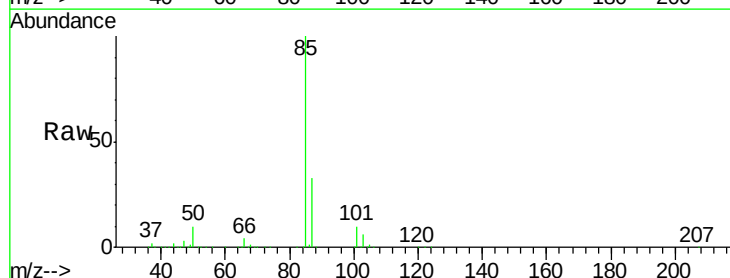
Acq: 04 Dec 2020 13:10

Tgt Ion: 85 Resp: 455594

Ion Ratio Lower Upper

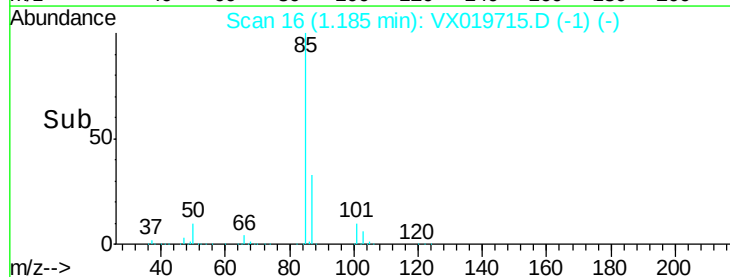
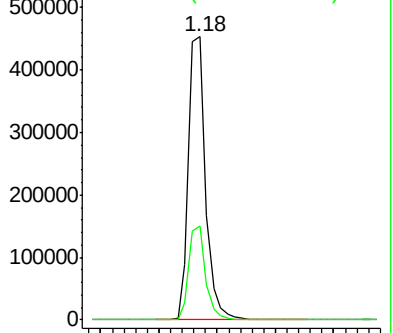
85 100

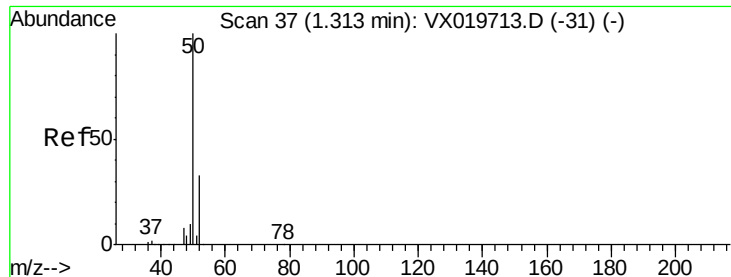
87 33.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 112.407 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

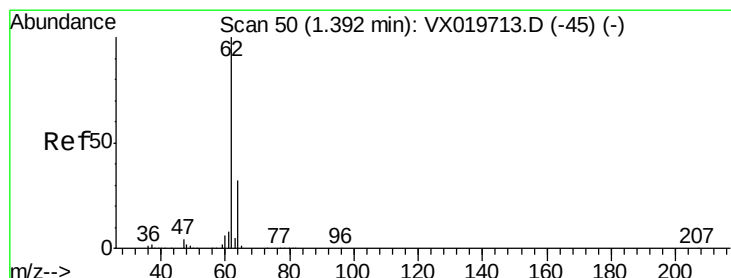
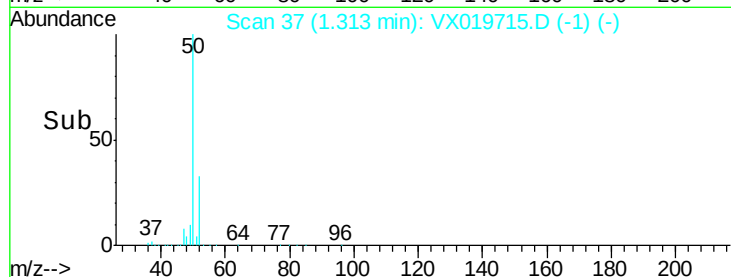
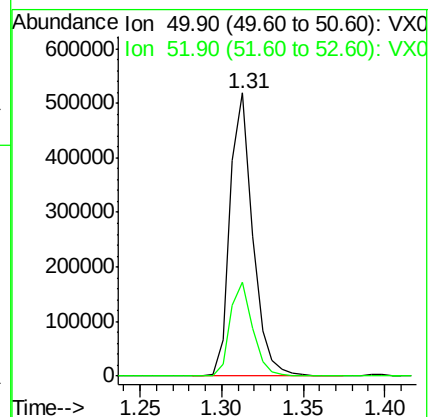
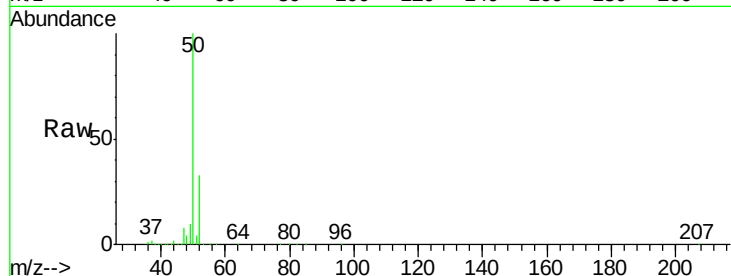
VSTDIC150

Tgt Ion: 50 Resp: 503237

Ion Ratio Lower Upper

50 100

52 33.3 26.4 39.6



#4

Vinyl Chloride

Concen: 139.476 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019715.D

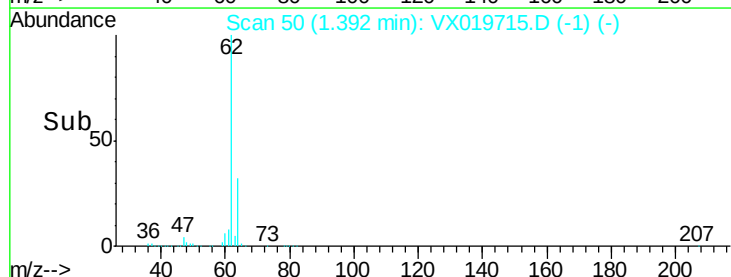
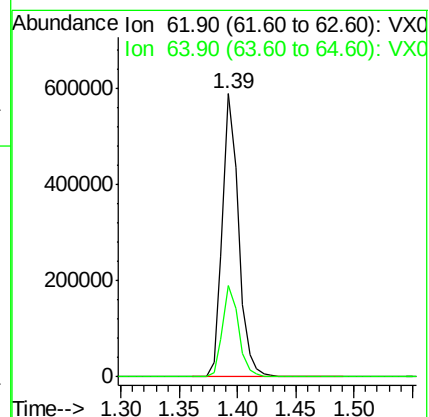
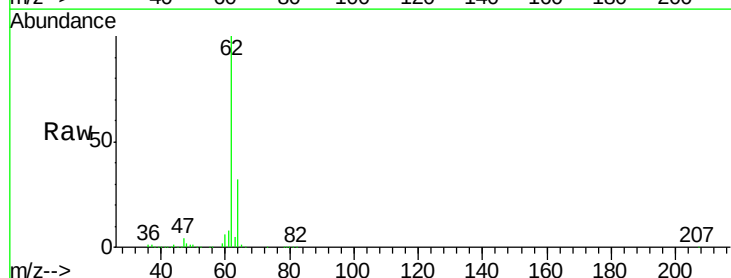
Acq: 04 Dec 2020 13:10

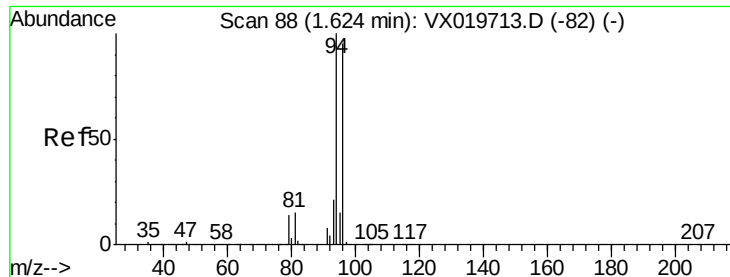
Tgt Ion: 62 Resp: 561850

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 114.653 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

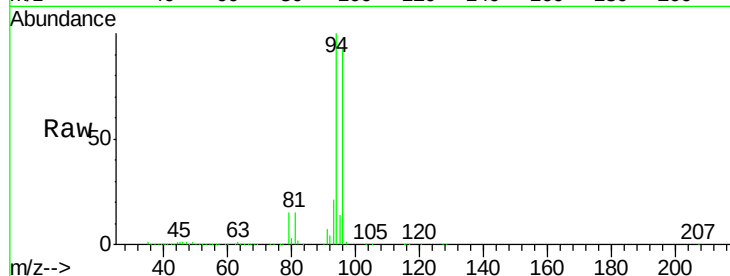
VSTDIC150

Tgt Ion: 94 Resp: 164960

Ion Ratio Lower Upper

94 100

96 92.9 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

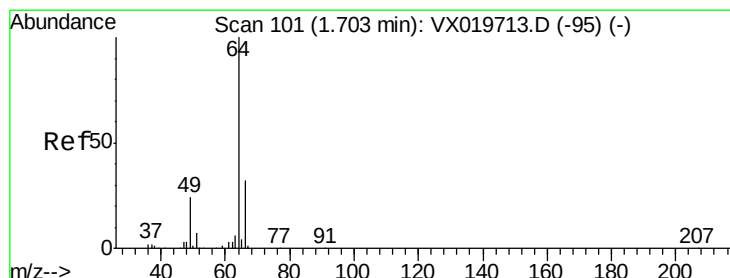
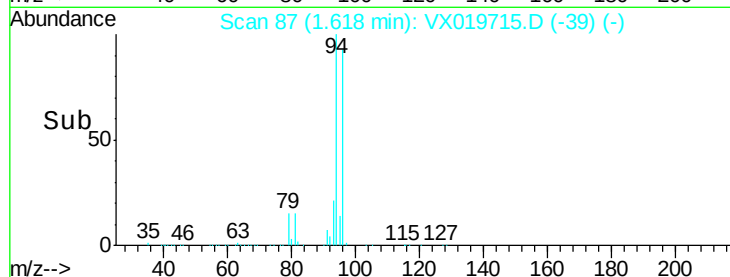
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 50.463 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX019715.D

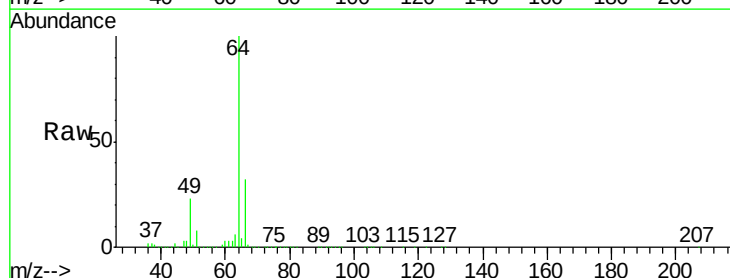
Acq: 04 Dec 2020 13:10

Tgt Ion: 64 Resp: 258591

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

1.69

300000

250000

200000

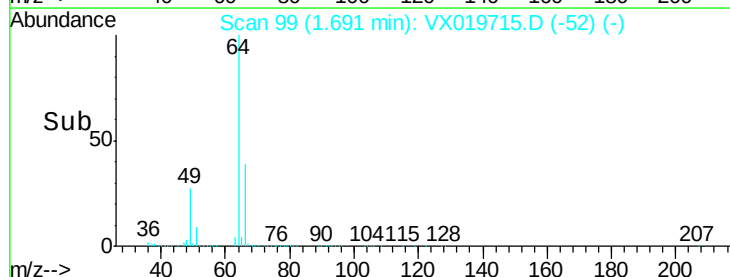
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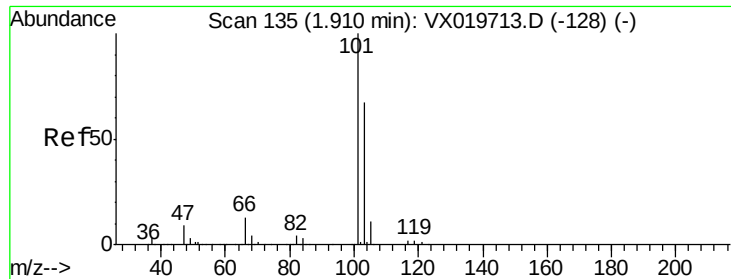
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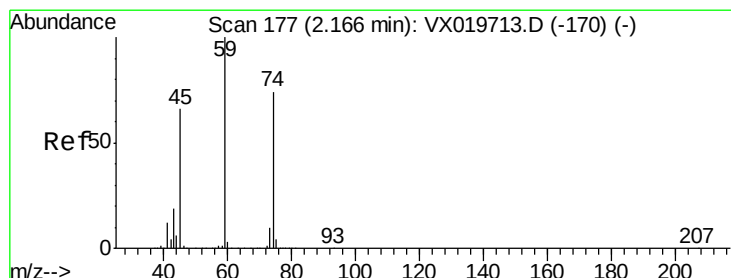
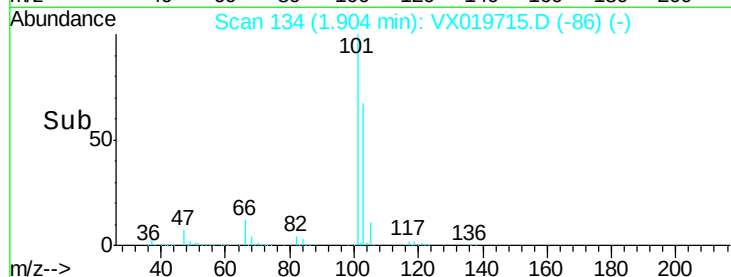
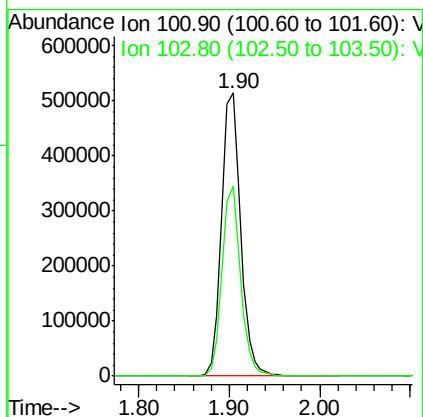
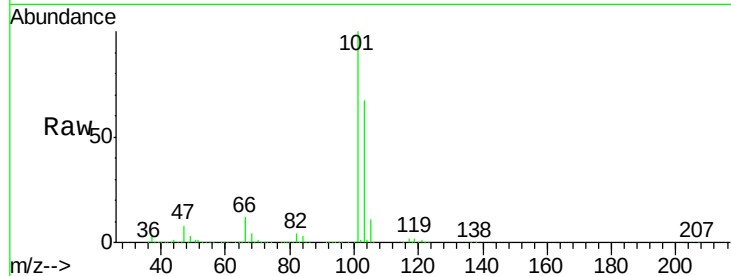


#7

Trichlorofluoromethane
 Concen: 136.588 ug/l
 RT: 1.90 min Scan# 134
 Delta R.T. -0.01 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

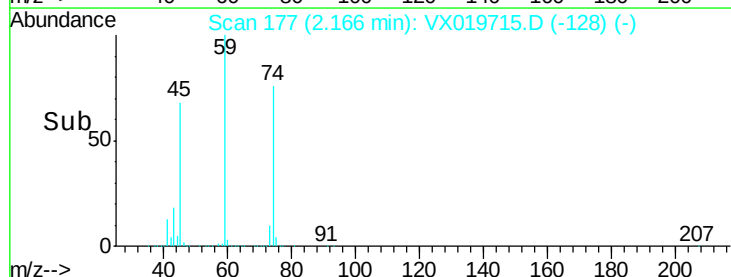
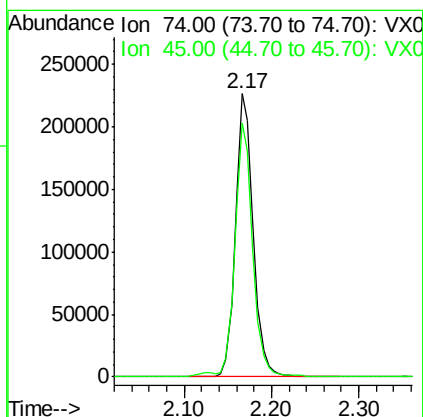
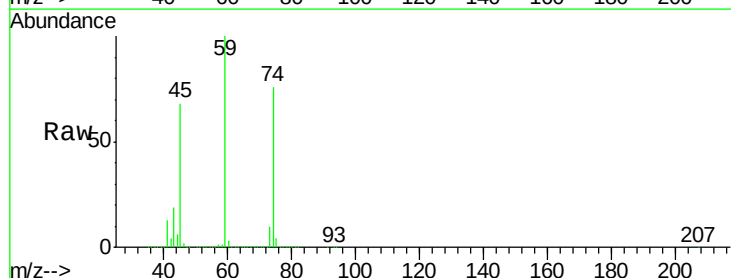
Tgt Ion: 101 Resp: 760261
 Ion Ratio Lower Upper
 101 100
 103 67.1 53.2 79.8

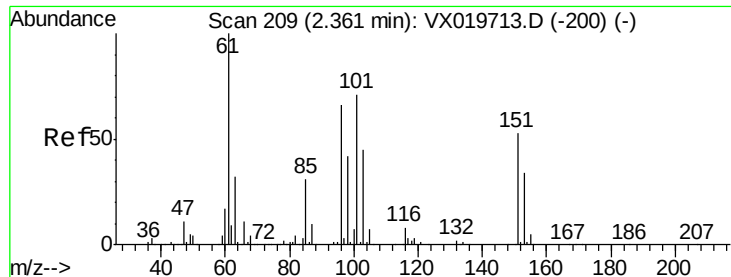


#8

Diethyl Ether
 Concen: 137.362 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

Tgt Ion: 74 Resp: 321374
 Ion Ratio Lower Upper
 74 100
 45 90.9 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 136.798 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

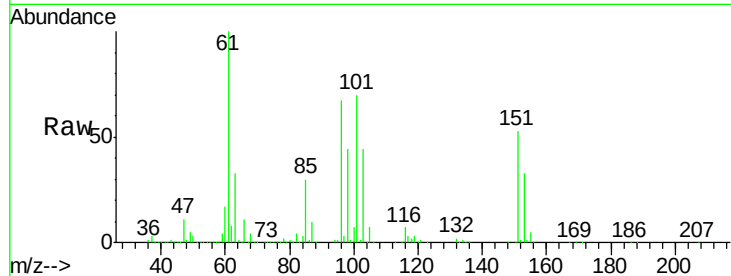
Tgt Ion:101 Resp: 451872

Ion Ratio Lower Upper

101 100

85 43.1 34.9 52.3

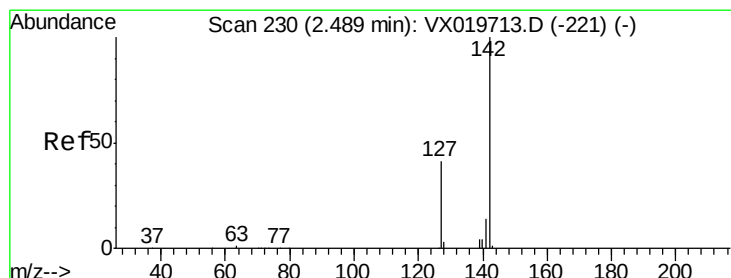
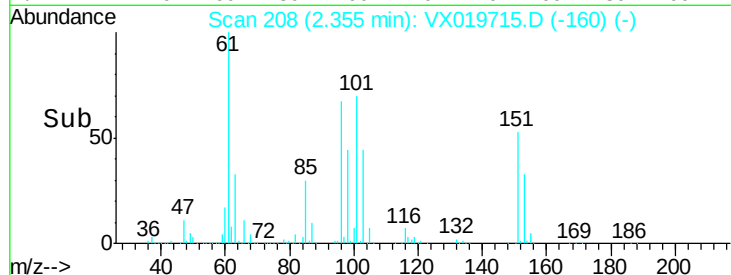
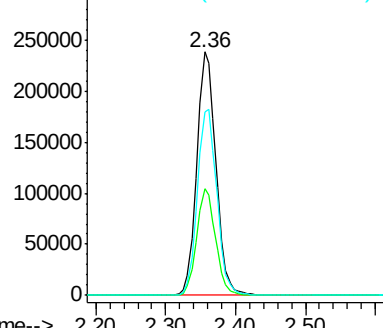
151 78.0 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 152.079 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

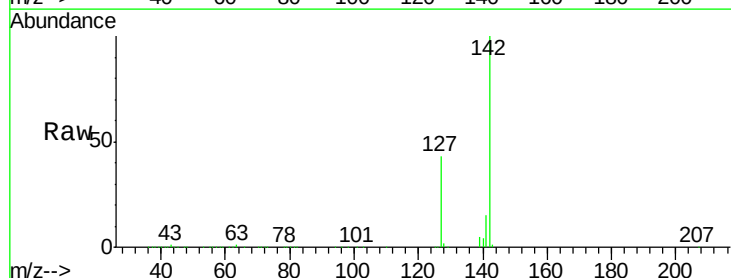
Tgt Ion:142 Resp: 688408

Ion Ratio Lower Upper

142 100

127 41.5 33.3 49.9

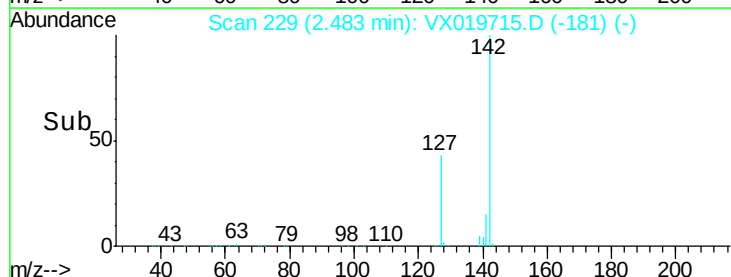
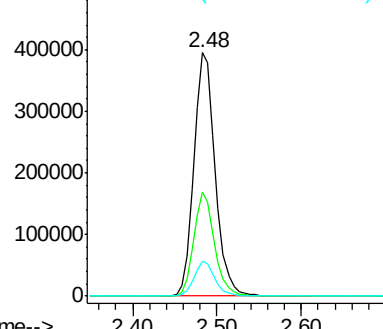
141 14.0 11.4 17.0

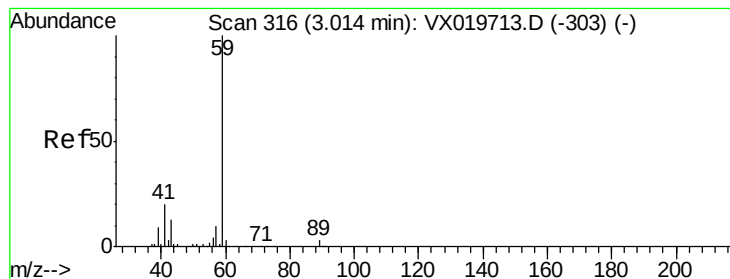


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



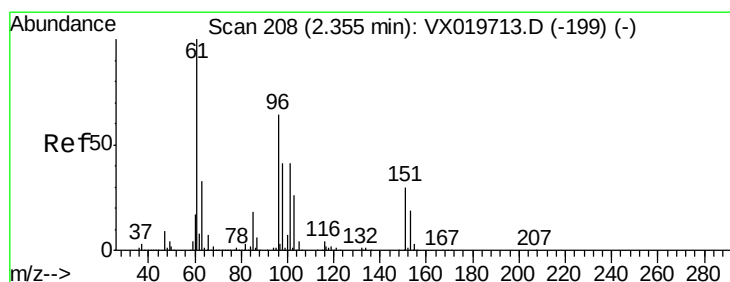
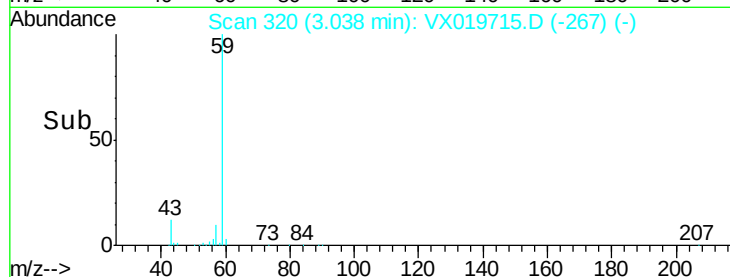
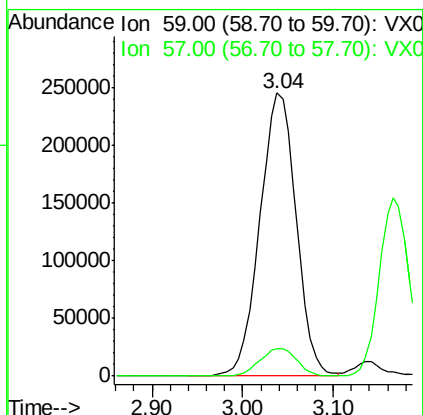
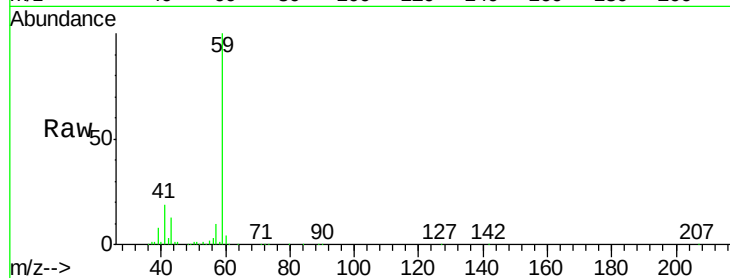


#11

Tert butyl alcohol
Concen: 694.013 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

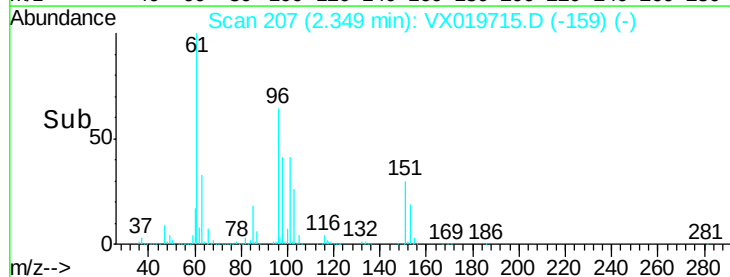
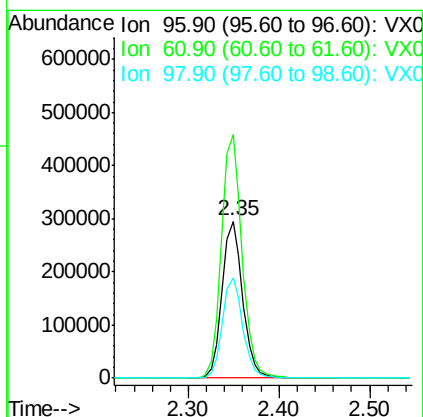
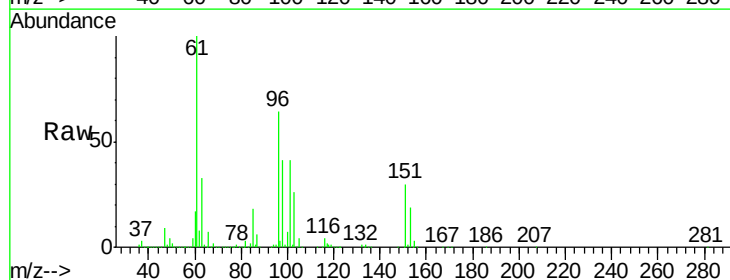
Tgt Ion: 59 Resp: 679964
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8

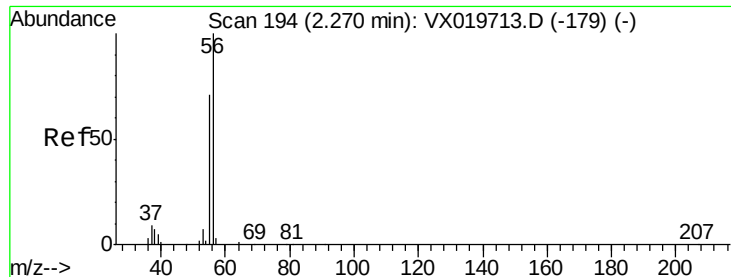


#12

1,1-Dichloroethene
Concen: 140.478 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion: 96 Resp: 465077
Ion Ratio Lower Upper
96 100
61 155.4 124.6 187.0
98 63.7 50.6 76.0





#13

Acrolein

Concen: 683.783 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

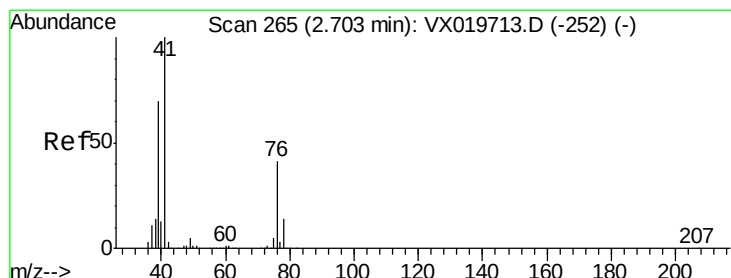
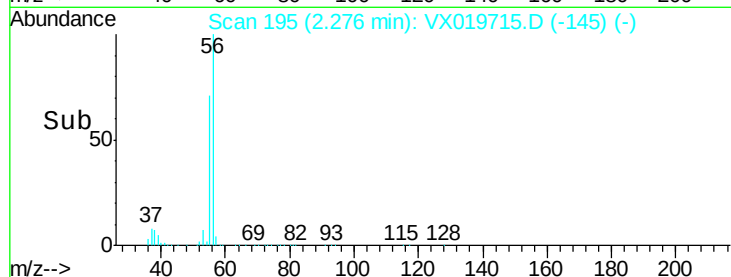
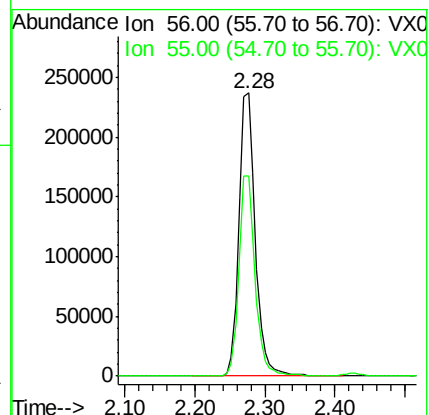
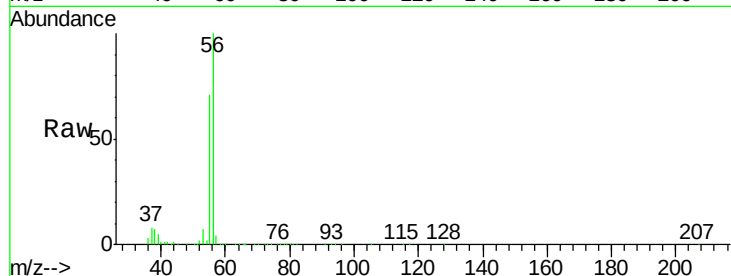
VSTDIC150

Tgt Ion: 56 Resp: 385150

Ion Ratio Lower Upper

56 100

55 70.2 56.4 84.6



#14

Allyl chloride

Concen: 144.704 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

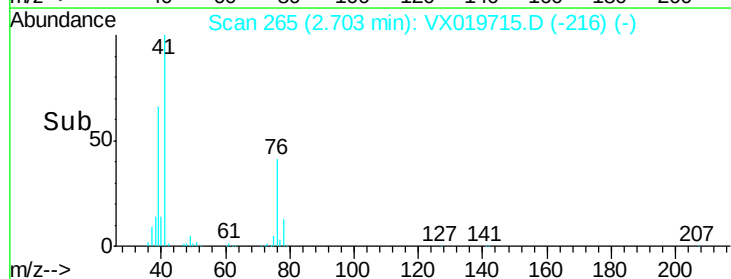
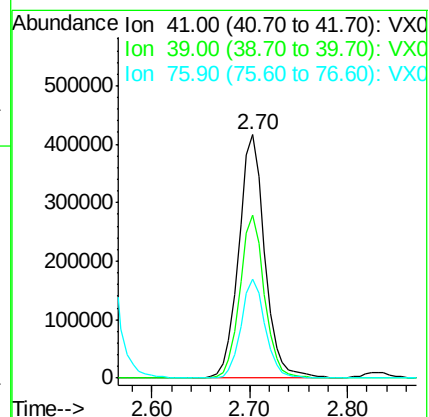
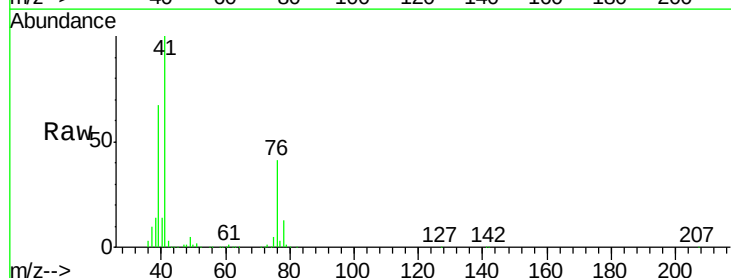
Tgt Ion: 41 Resp: 770264

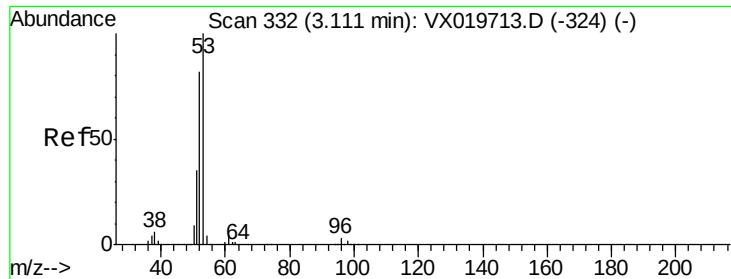
Ion Ratio Lower Upper

41 100

39 63.2 51.6 77.4

76 37.8 30.5 45.7





#15

Acrylonitrile

Concen: 732.964 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

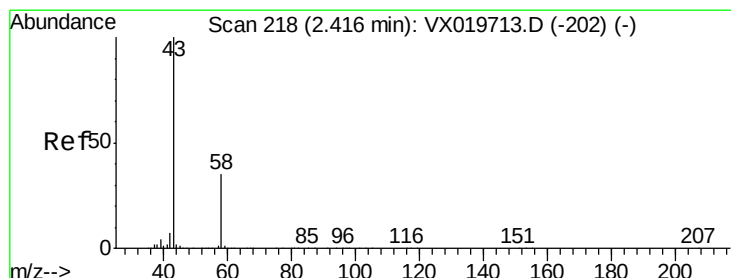
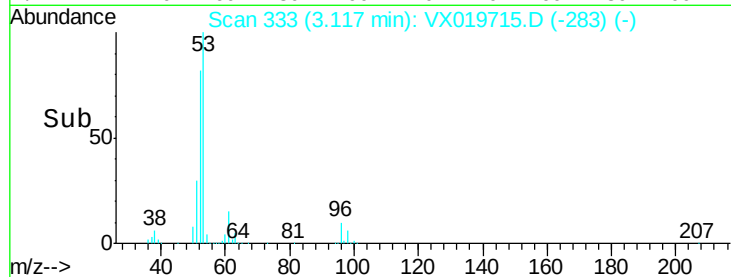
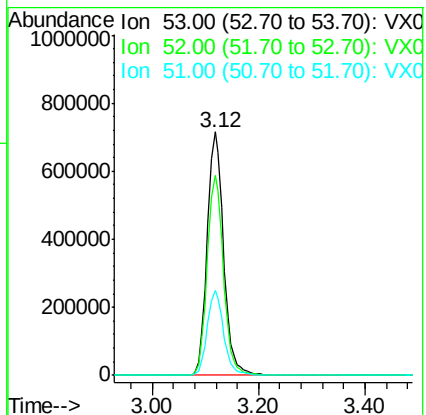
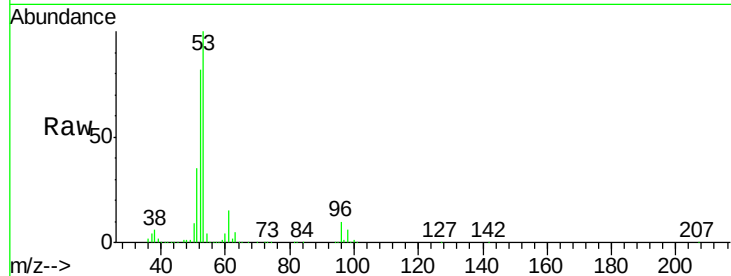
Tgt Ion: 53 Resp: 1500915

Ion Ratio Lower Upper

53 100

52 81.7 65.3 97.9

51 35.0 28.2 42.2



#16

Acetone

Concen: 682.132 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX019715.D

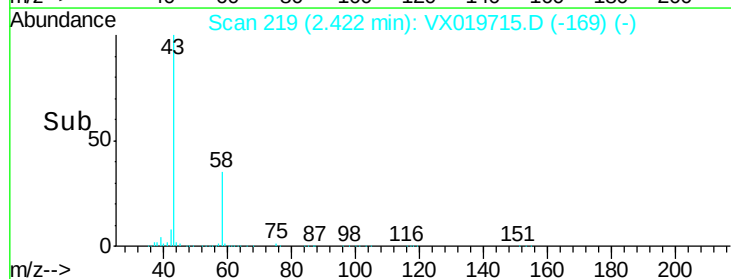
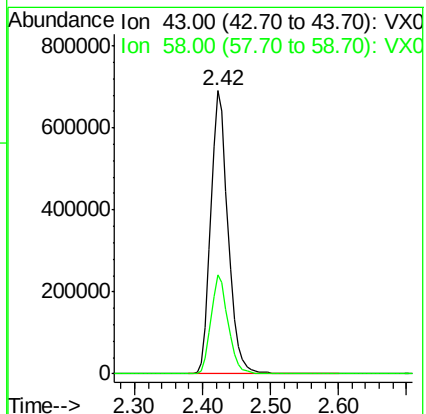
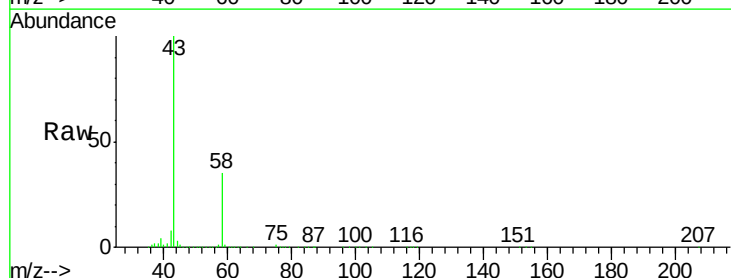
Acq: 04 Dec 2020 13:10

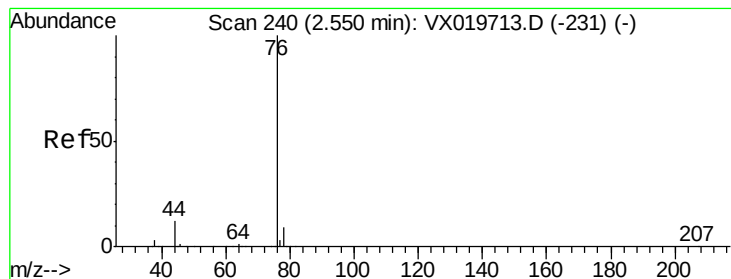
Tgt Ion: 43 Resp: 1214027

Ion Ratio Lower Upper

43 100

58 35.0 27.8 41.8





#17

Carbon Disulfide

Concen: 142.694 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

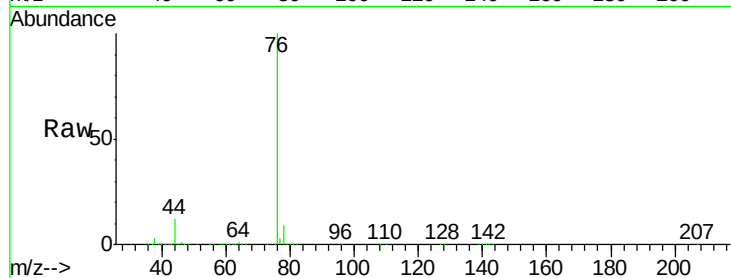
VSTDIC150

Tgt Ion: 76 Resp: 1281430

Ion Ratio Lower Upper

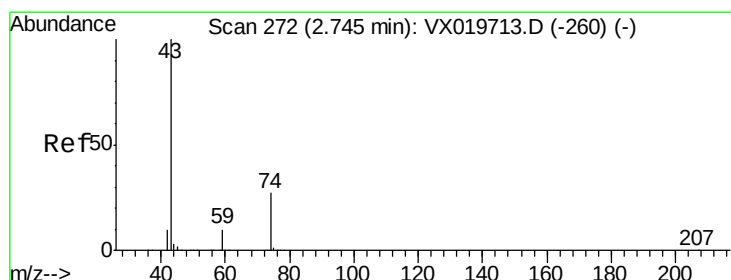
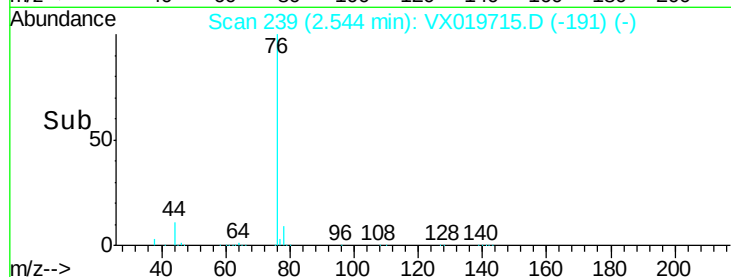
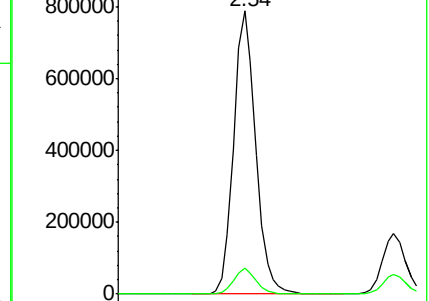
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 137.895 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019715.D

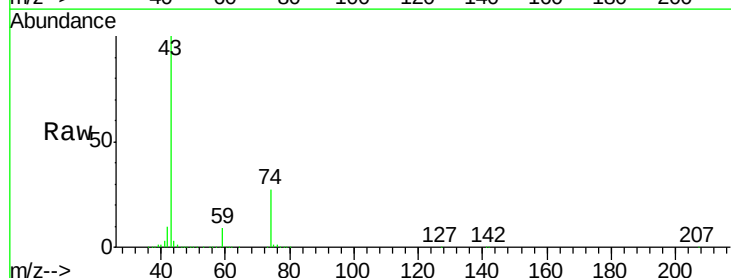
Acq: 04 Dec 2020 13:10

Tgt Ion: 43 Resp: 616503

Ion Ratio Lower Upper

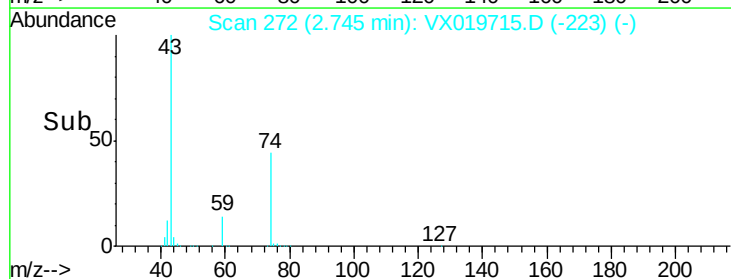
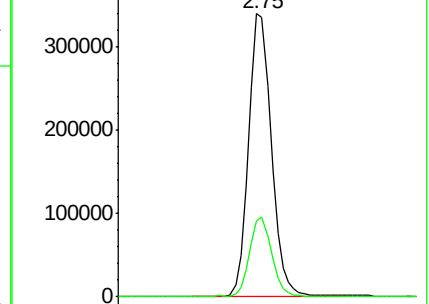
43 100

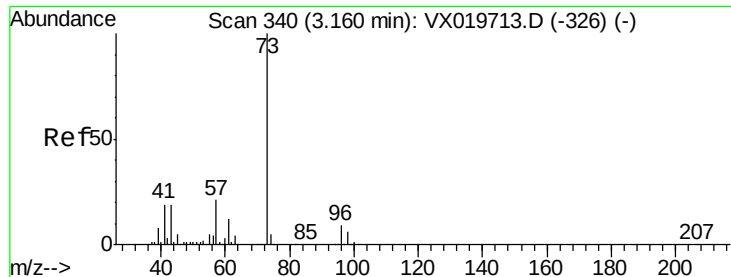
74 27.8 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 143.588 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

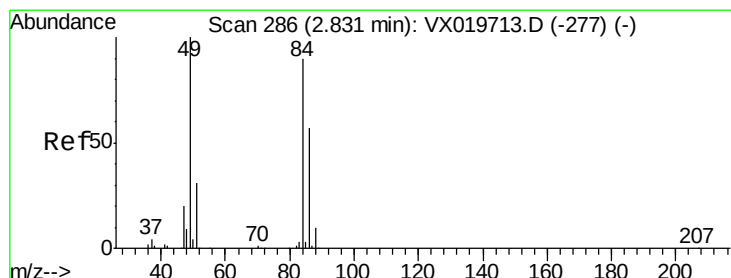
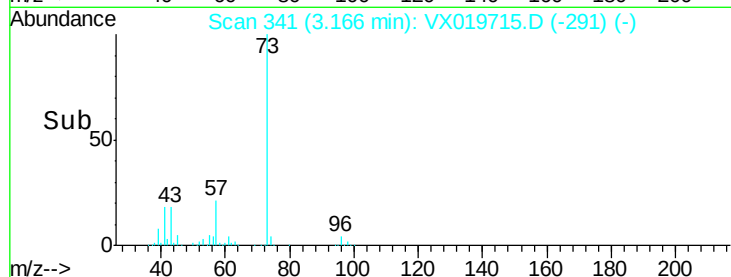
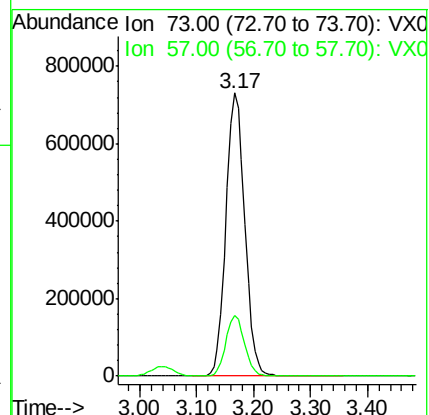
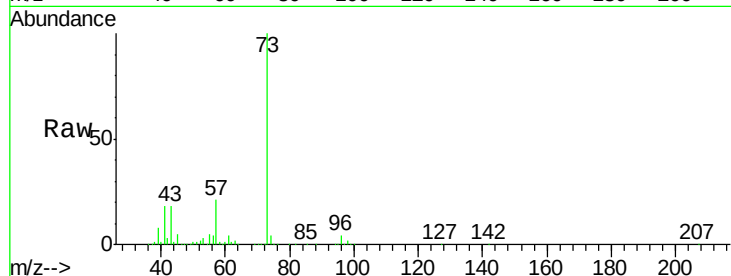
VSTDIC150

Tgt Ion: 73 Resp: 1675977

Ion Ratio Lower Upper

73 100

57 21.2 17.1 25.7



#20

Methylene Chloride

Concen: 120.852 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Tgt Ion: 84 Resp: 549504

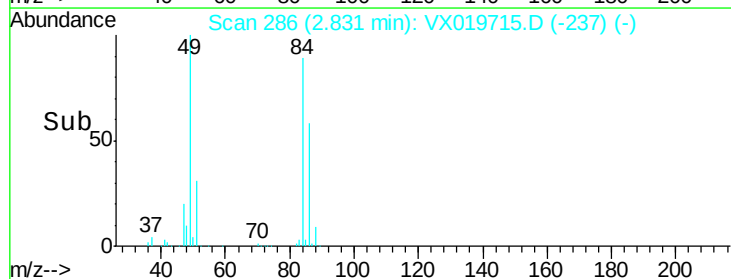
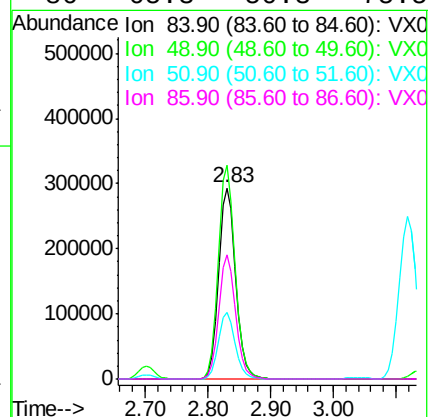
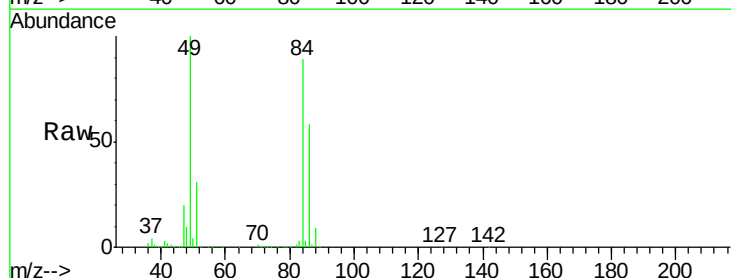
Ion Ratio Lower Upper

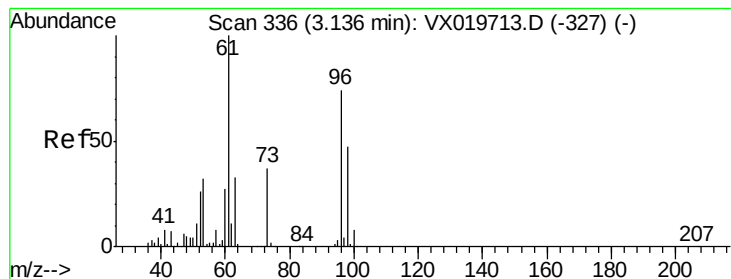
84 100

49 111.8 88.6 132.8

51 35.1 27.0 40.6

86 65.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 139.280 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

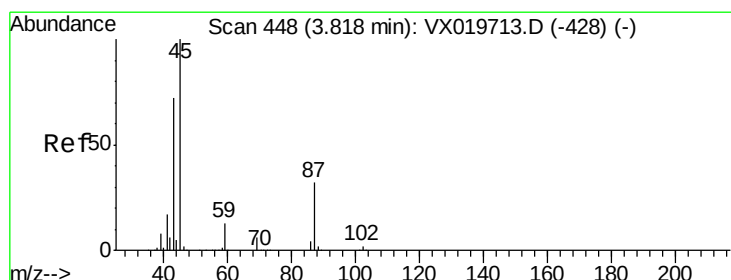
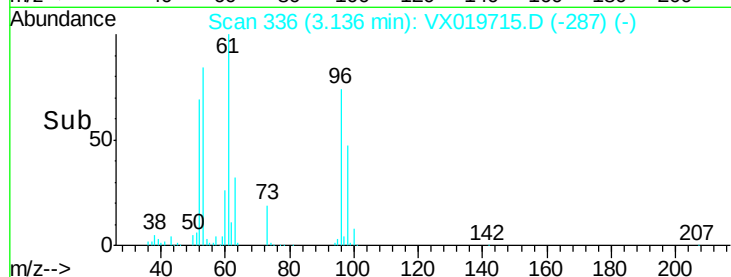
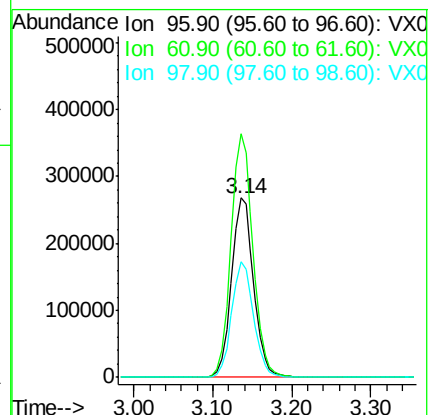
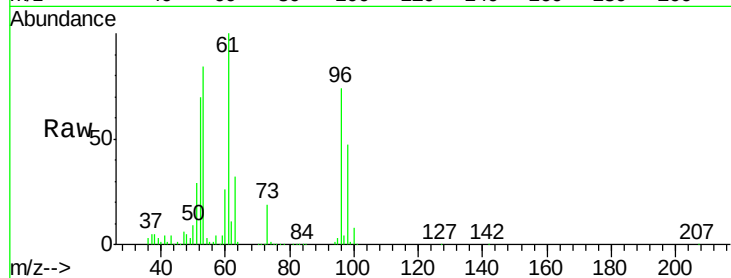
Tgt Ion: 96 Resp: 521034

Ion Ratio Lower Upper

96 100

61 135.7 107.7 161.5

98 64.3 50.4 75.6



#22

Diisopropyl ether

Concen: 140.349 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Tgt Ion: 45 Resp: 1546884

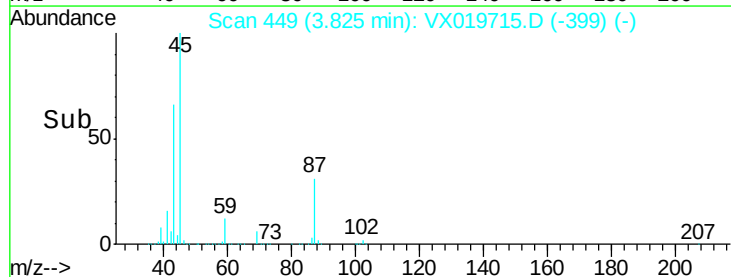
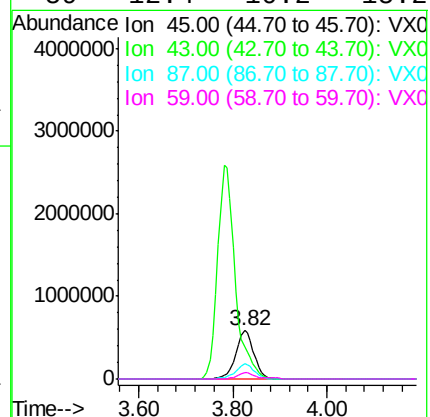
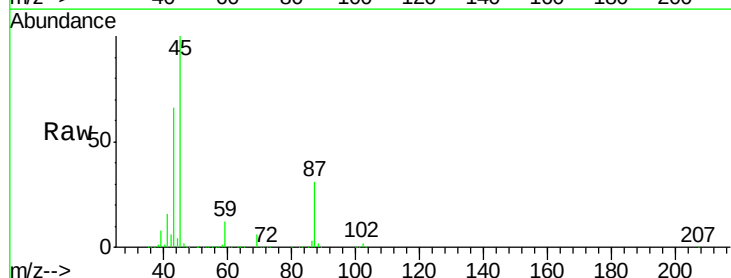
Ion Ratio Lower Upper

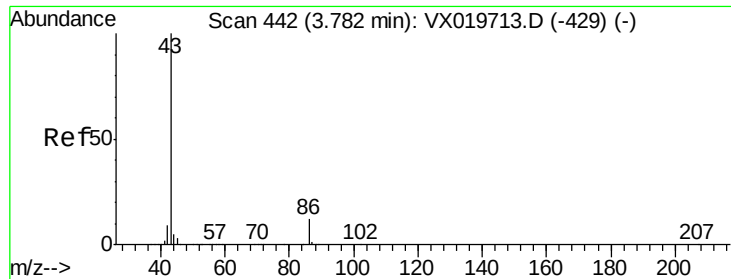
45 100

43 66.3 58.0 87.0

87 31.0 25.4 38.0

59 12.4 10.2 15.2





#23

Vinyl Acetate

Concen: 725.140 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

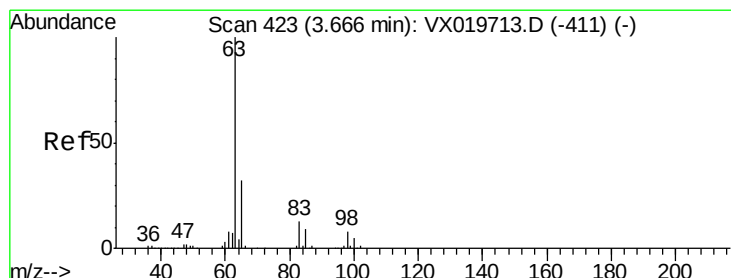
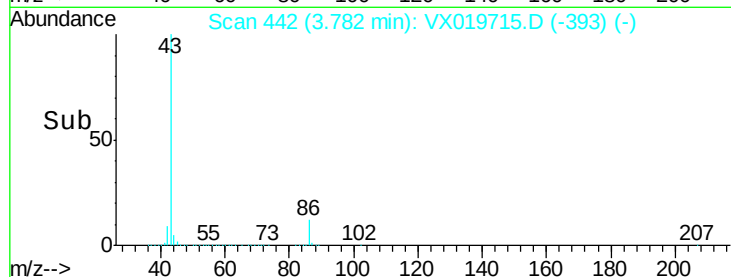
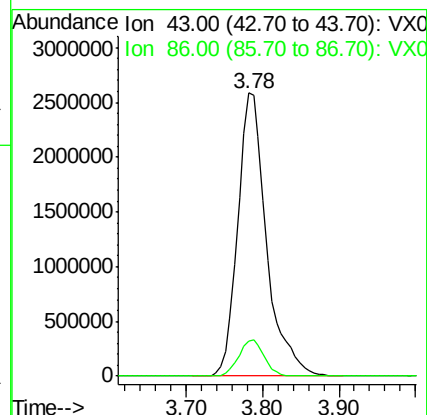
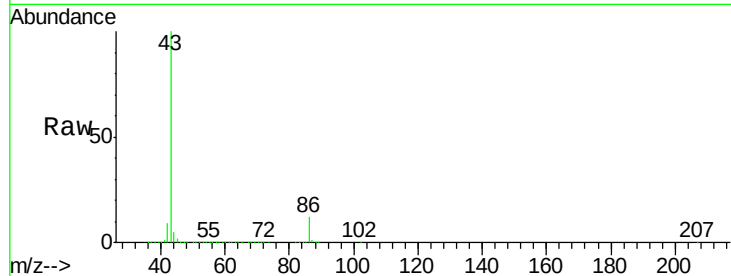
VSTDIC150

Tgt Ion: 43 Resp: 6729849

Ion Ratio Lower Upper

43 100

86 12.5 9.9 14.9



#24

1,1-Dichloroethane

Concen: 137.258 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

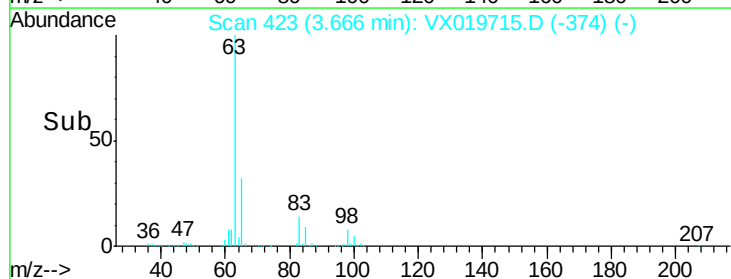
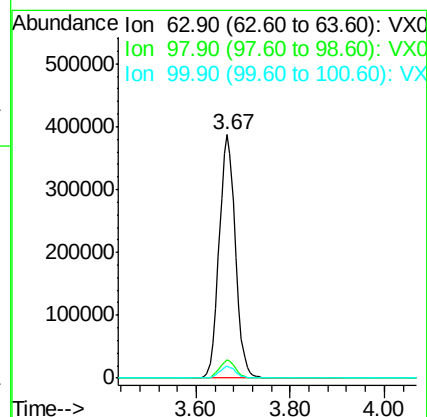
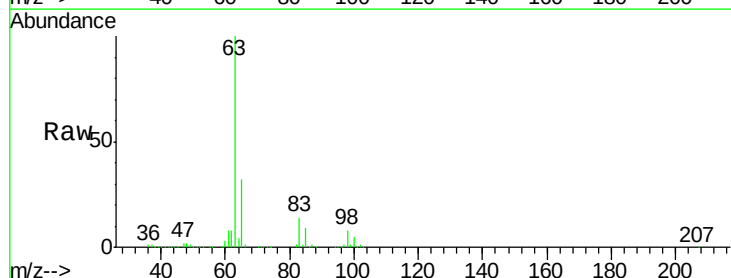
Tgt Ion: 63 Resp: 916487

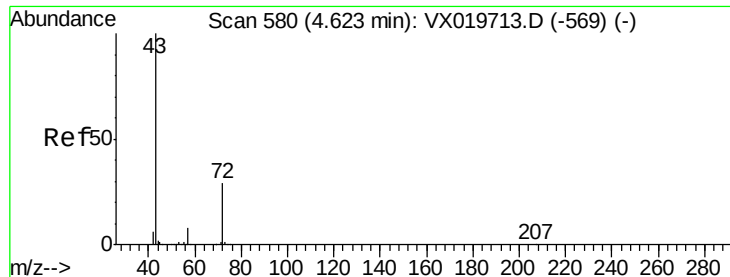
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

100 4.9 2.5 7.5

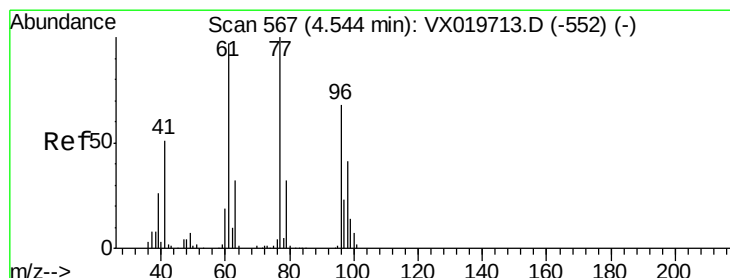
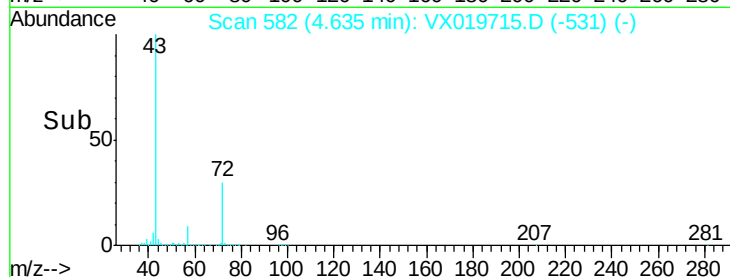
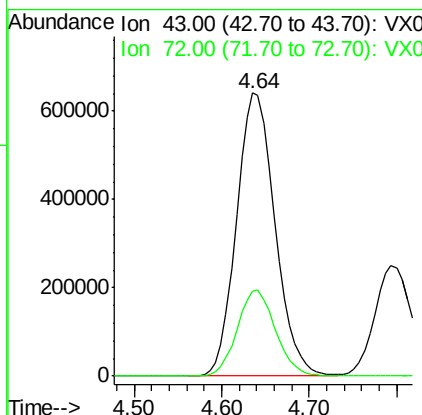
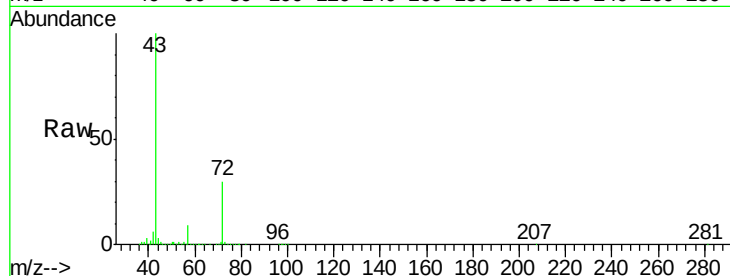




#25
2-Butanone
Concen: 743.786 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

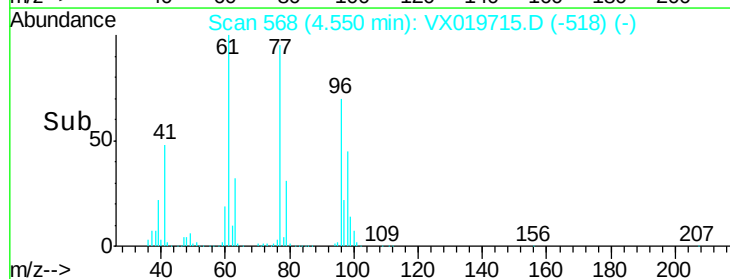
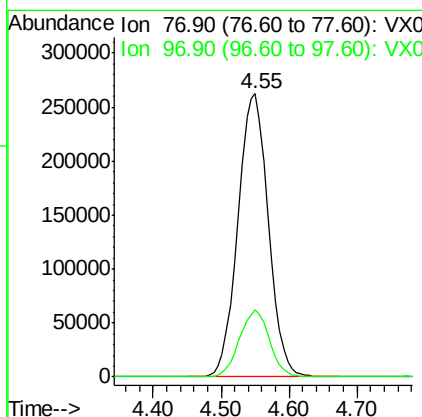
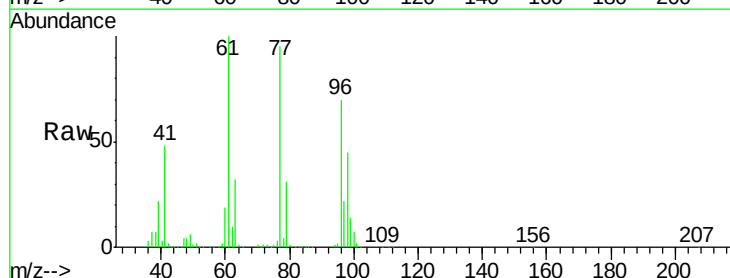
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

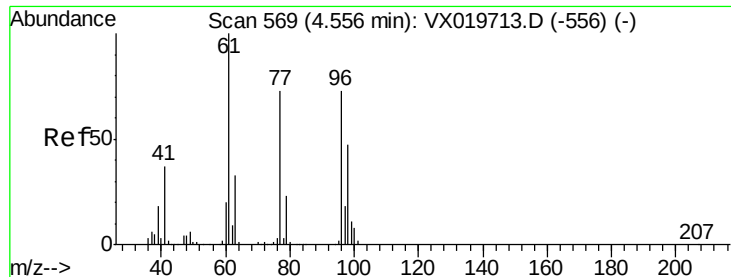
Tgt Ion: 43 Resp: 1956462
Ion Ratio Lower Upper
43 100
72 29.9 23.7 35.5



#26
2,2-Dichloropropane
Concen: 146.169 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion: 77 Resp: 814689
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.1



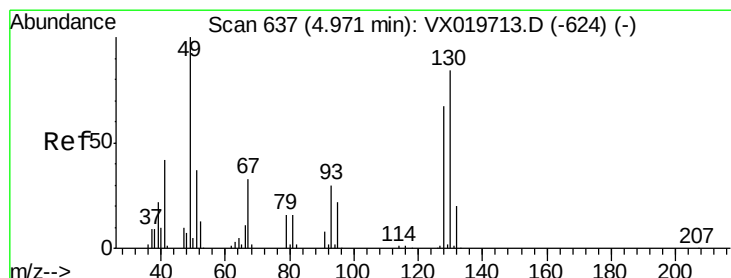
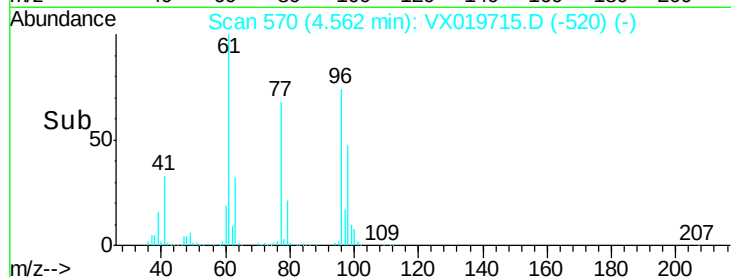
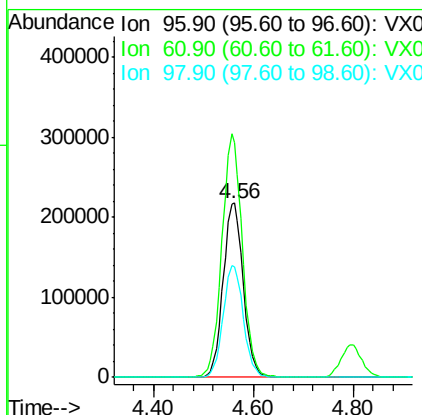
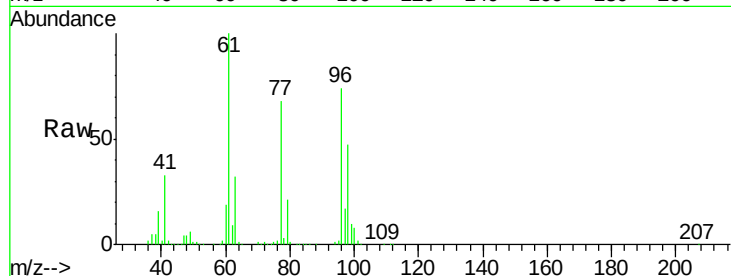


#27

cis-1,2-Dichloroethene
Concen: 139.318 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

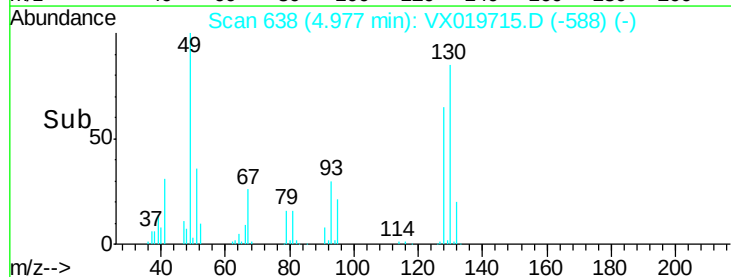
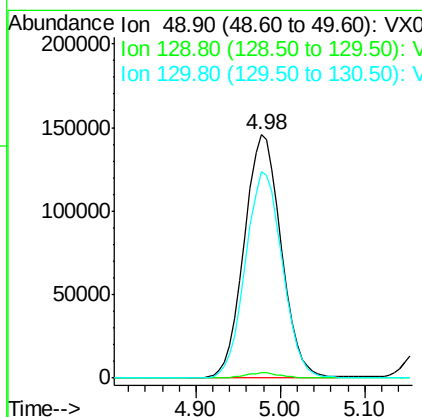
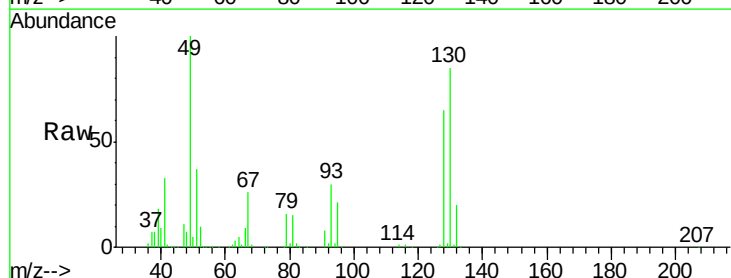
Tgt Ion: 96 Resp: 607162
Ion Ratio Lower Upper
96 100
61 141.7 0.0 285.6
98 64.3 0.0 129.6

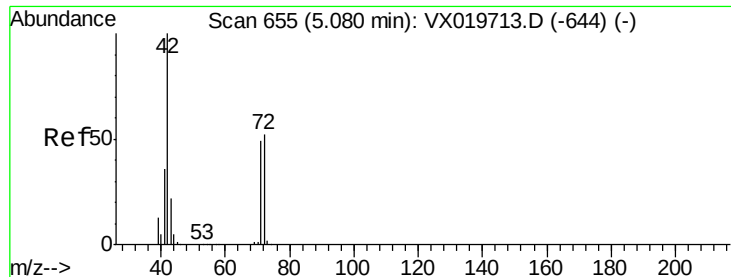


#28

Bromochloromethane
Concen: 143.014 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion: 49 Resp: 435272
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 85.0 68.2 102.2





#29

Tetrahydrofuran

Concen: 741.957 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

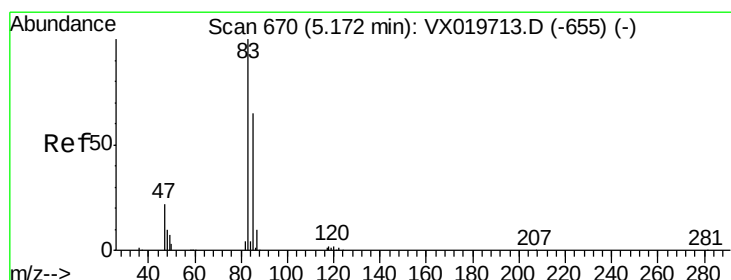
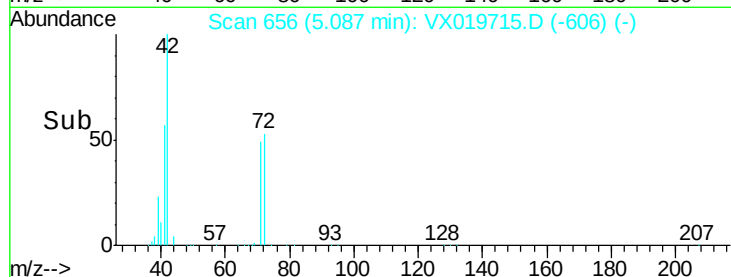
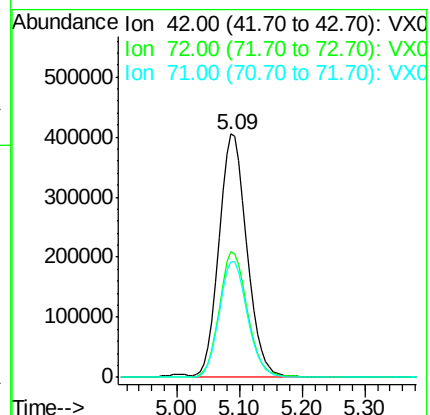
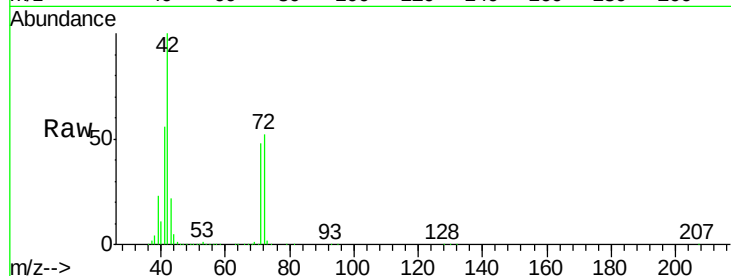
Tgt Ion: 42 Resp: 1248143

Ion Ratio Lower Upper

42 100

72 52.0 41.7 62.5

71 48.2 38.4 57.6



#30

Chloroform

Concen: 137.639 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX019715.D

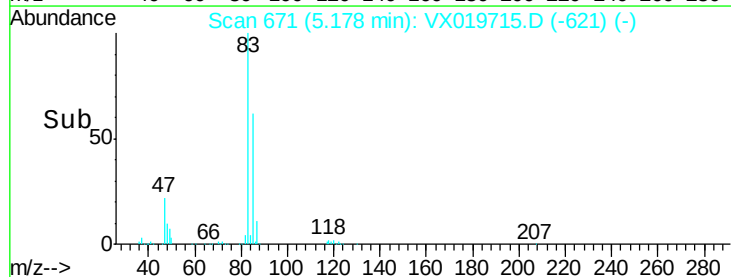
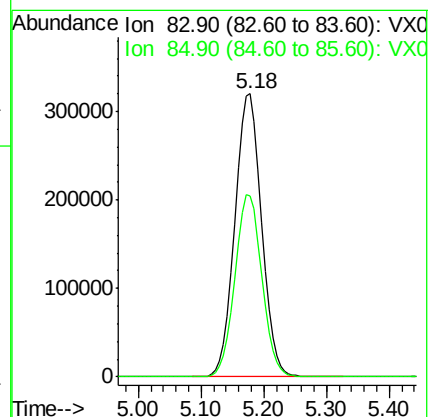
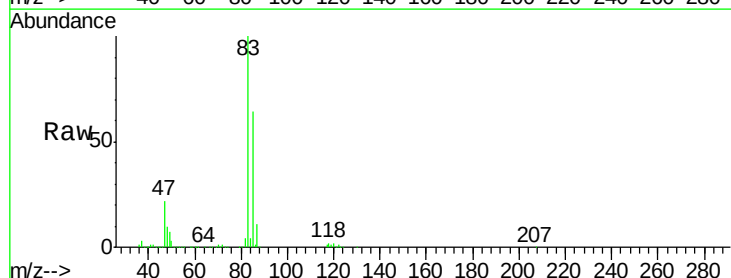
Acq: 04 Dec 2020 13:10

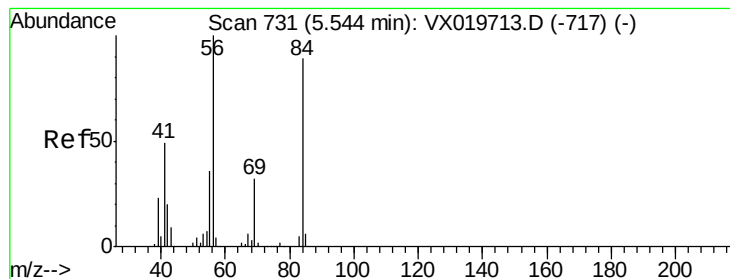
Tgt Ion: 83 Resp: 944063

Ion Ratio Lower Upper

83 100

85 64.2 52.0 78.0





#31

Cyclohexane

Concen: 138.151 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

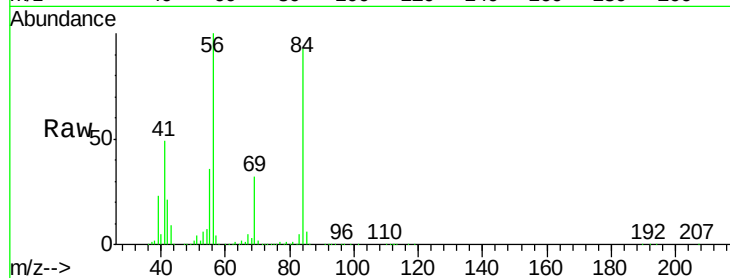
Tgt Ion: 56 Resp: 806448

Ion Ratio Lower Upper

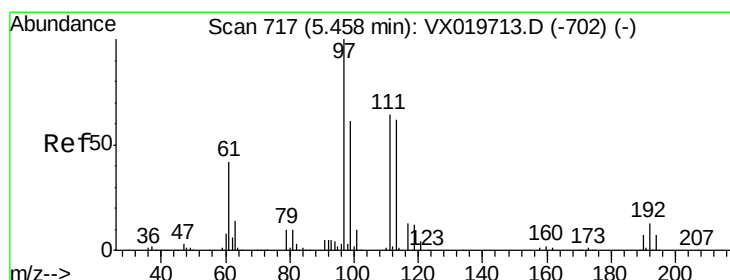
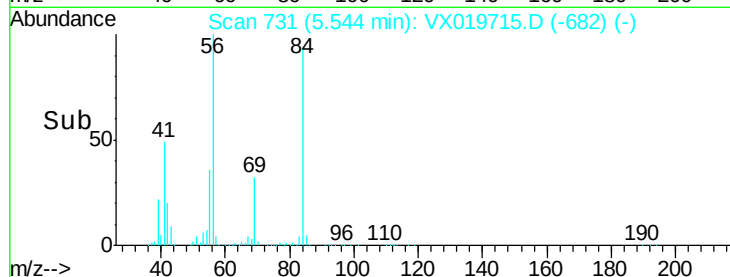
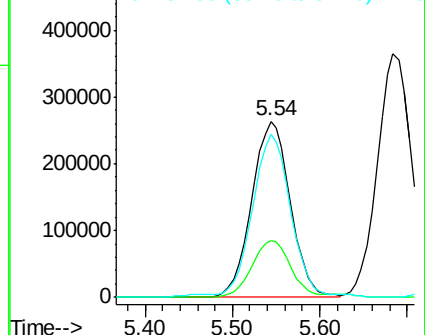
56 100

69 32.0 25.3 37.9

84 91.0 71.4 107.0



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



#32

1,1,1-Trichloroethane

Concen: 142.444 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

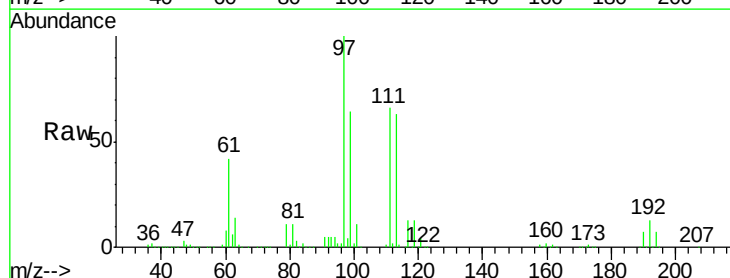
Tgt Ion: 97 Resp: 834140

Ion Ratio Lower Upper

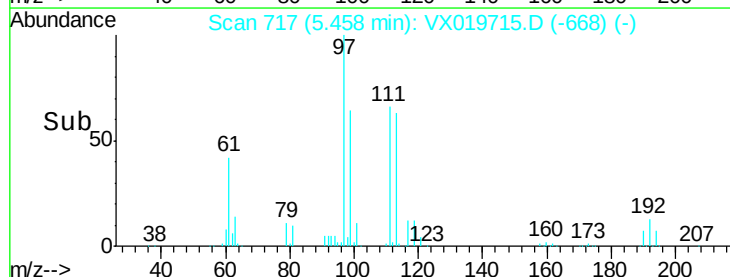
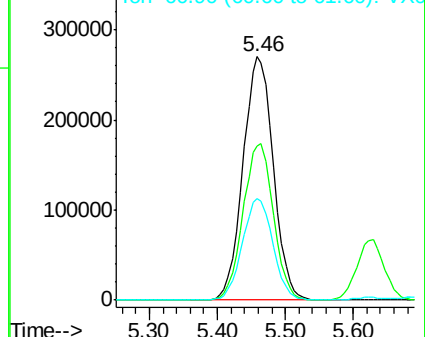
97 100

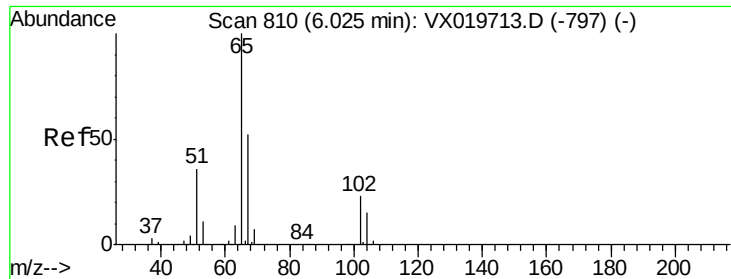
99 64.6 51.5 77.3

61 42.2 34.2 51.4



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

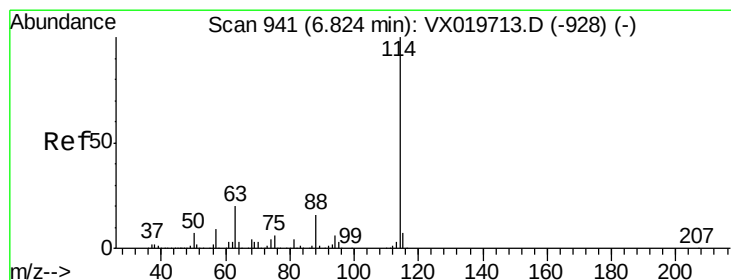
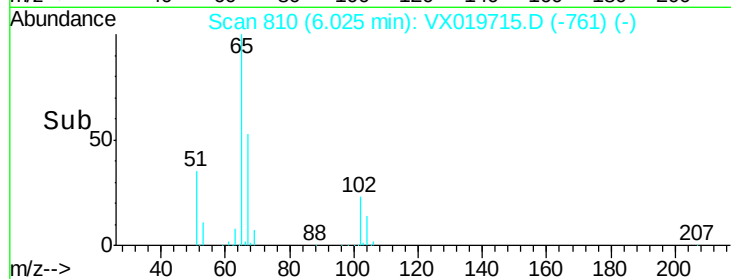
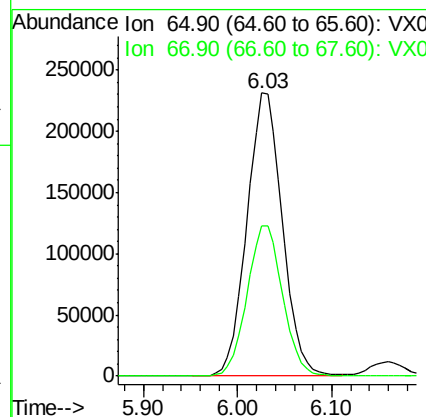
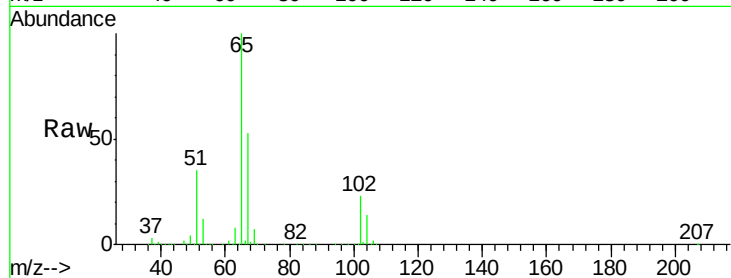




#33
 1,2-Dichloroethane-d4
 Concen: 137.855 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

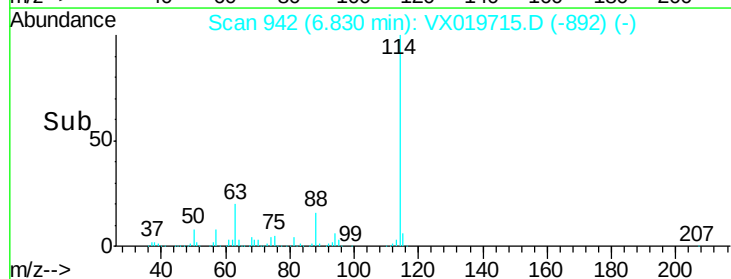
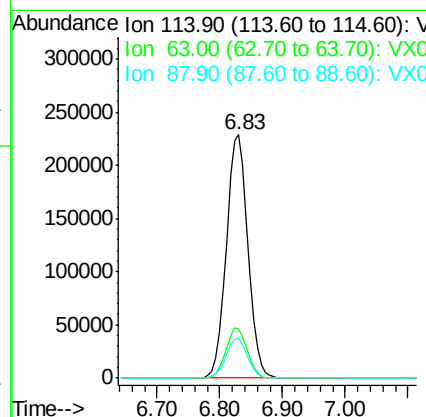
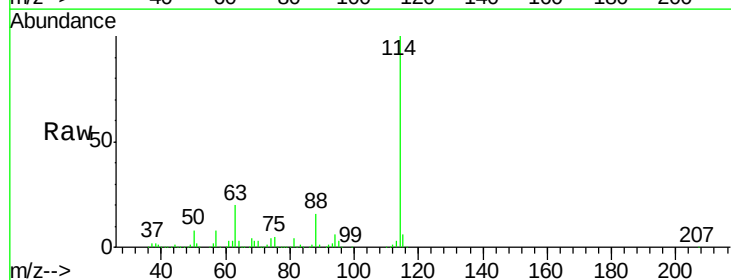
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

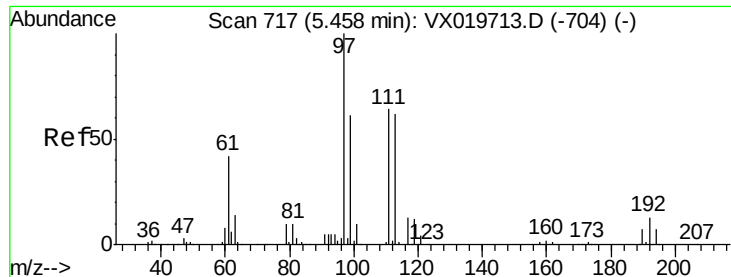
Tgt Ion: 65 Resp: 608974
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

Tgt Ion: 114 Resp: 541720
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 140.933 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

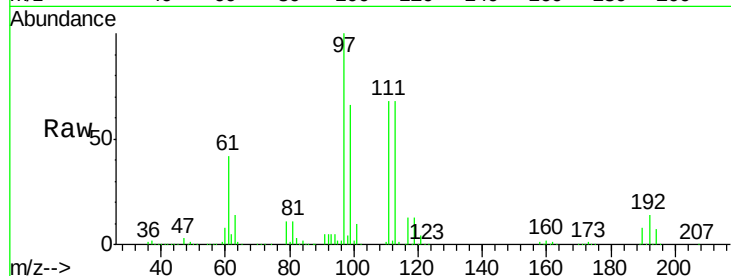
Tgt Ion:113 Resp: 500116

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

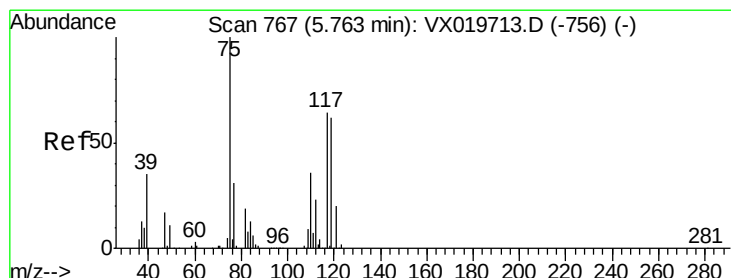
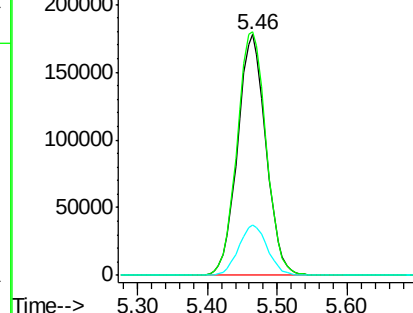
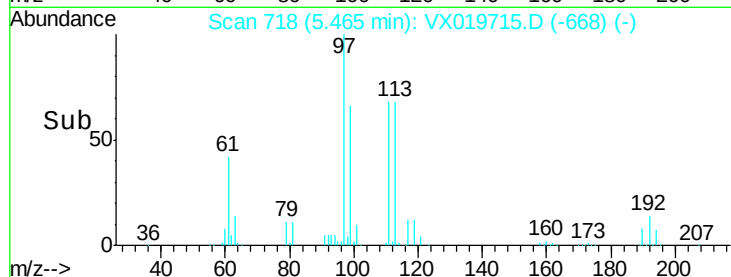
192 21.2 16.7 25.1



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: 143.108 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

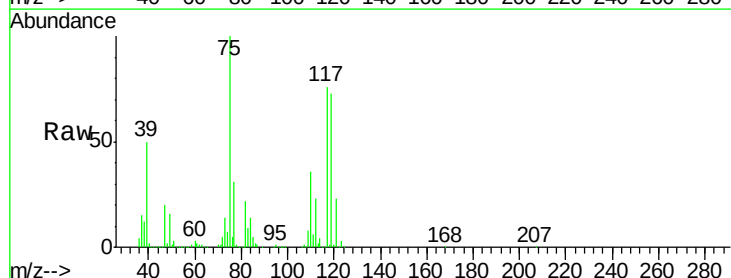
Tgt Ion: 75 Resp: 716768

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.4

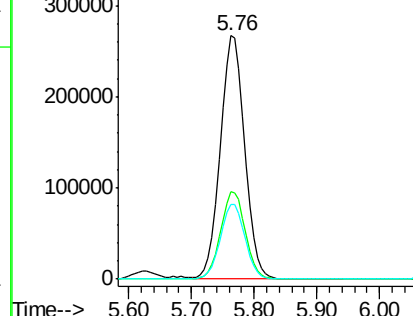
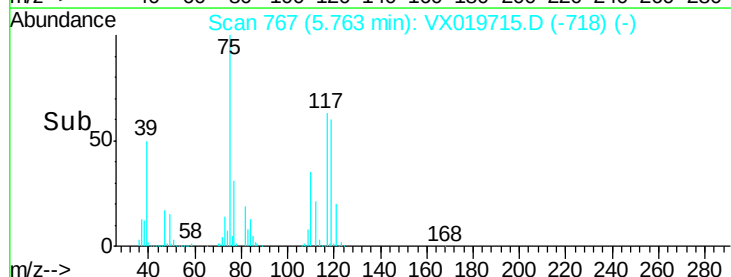
77 31.1 25.3 37.9

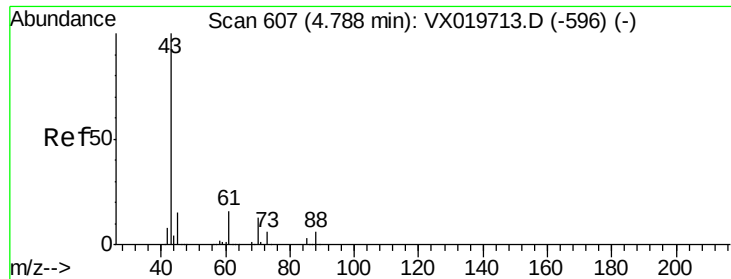


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

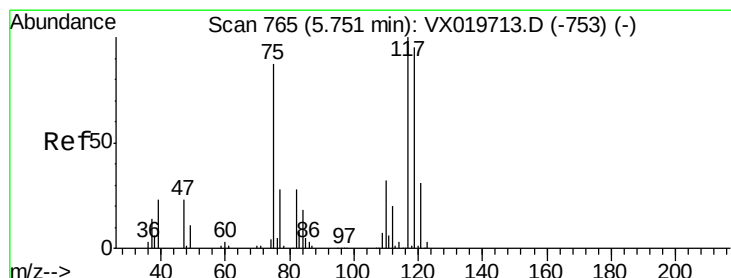
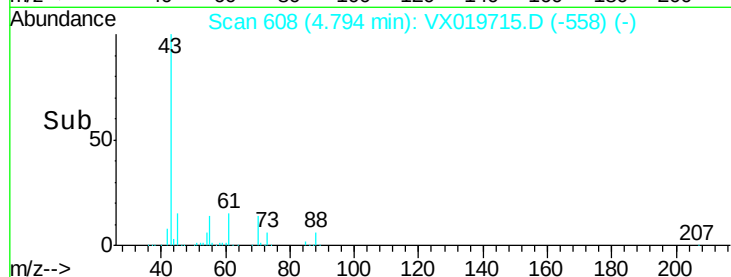
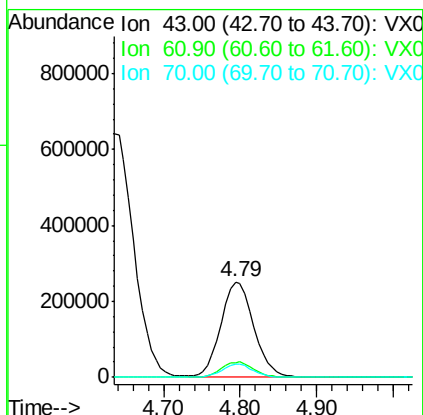
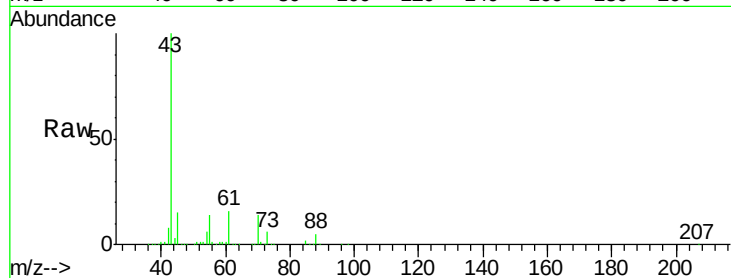




#37
Ethyl Acetate
Concen: 149.455 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

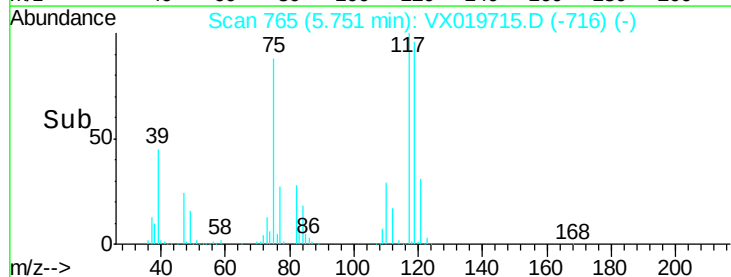
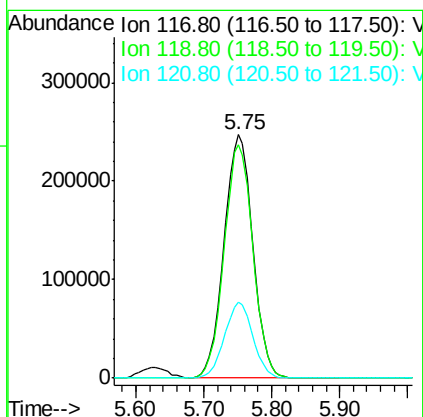
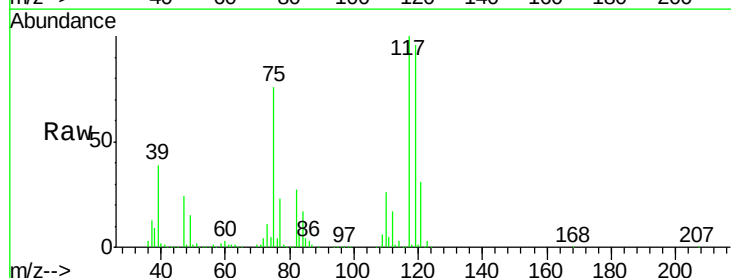
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

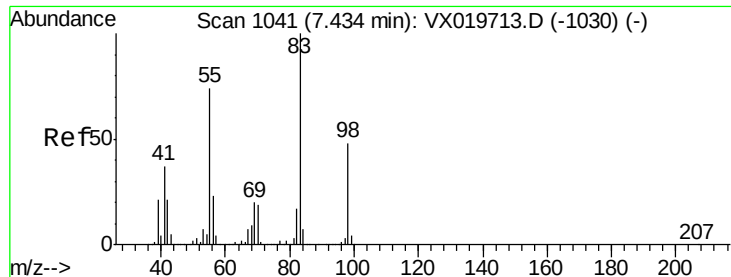
Tgt Ion: 43 Resp: 749661
Ion Ratio Lower Upper
43 100
61 15.7 12.8 19.2
70 13.1 10.5 15.7



#38
Carbon Tetrachloride
Concen: 144.864 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion: 117 Resp: 720484
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.2
121 31.1 24.8 37.2

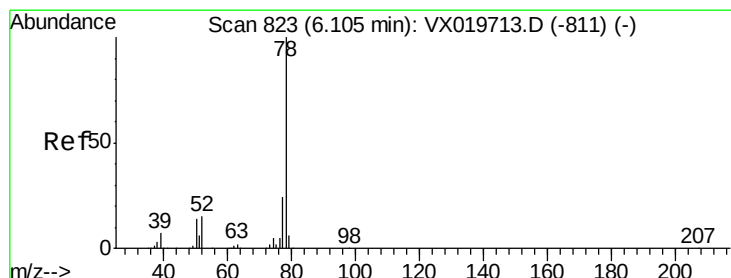
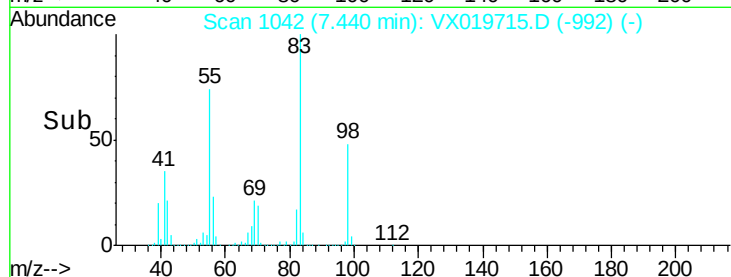
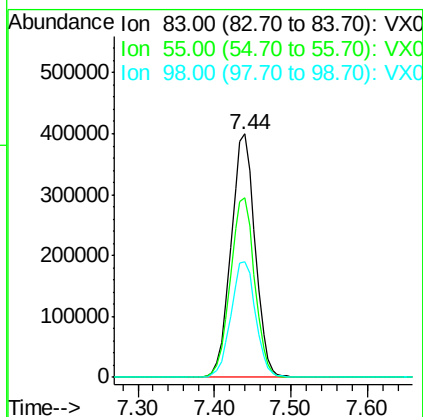
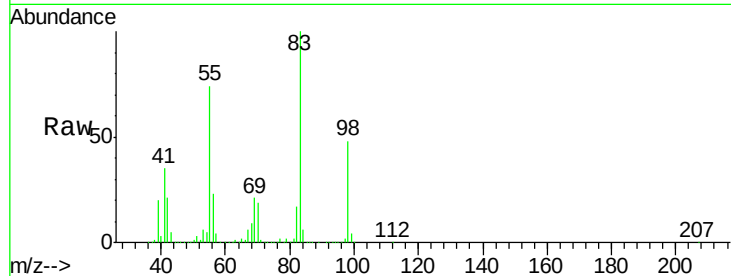




#39
Methylcyclohexane
Concen: 147.416 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

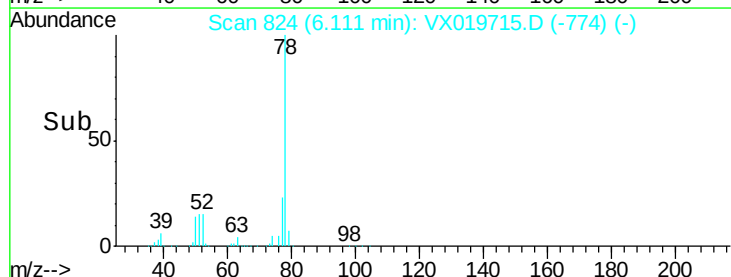
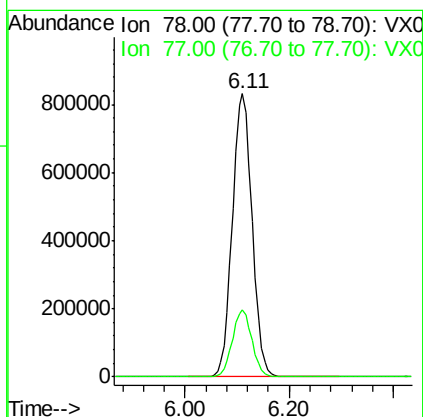
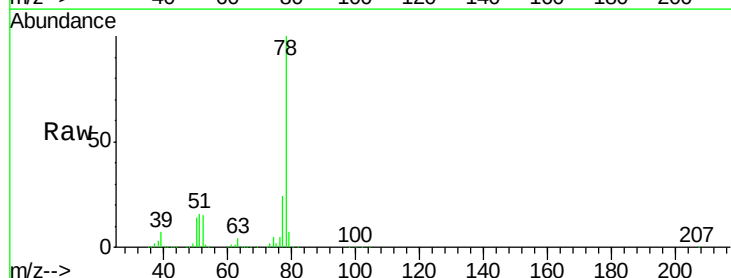
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

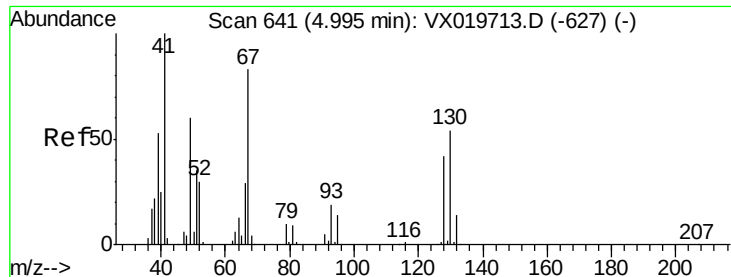
Tgt Ion: 83 Resp: 867785
Ion Ratio Lower Upper
83 100
55 73.7 58.9 88.3
98 47.7 38.1 57.1



#40
Benzene
Concen: 139.387 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion: 78 Resp: 2177052
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

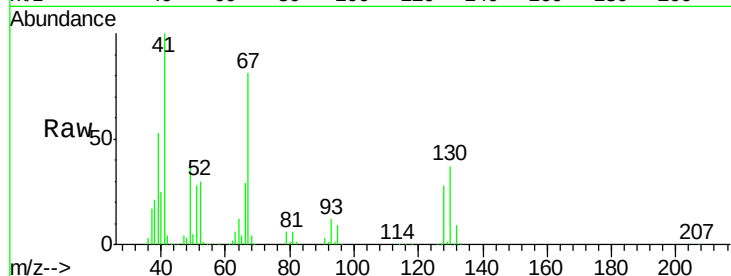




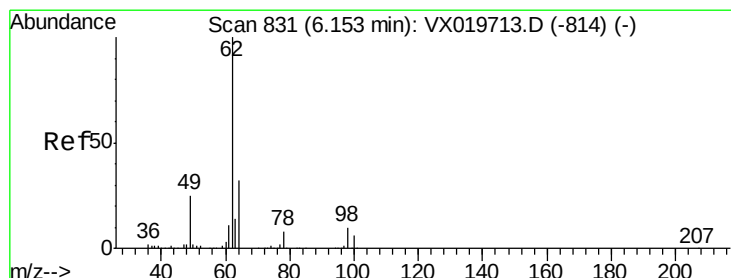
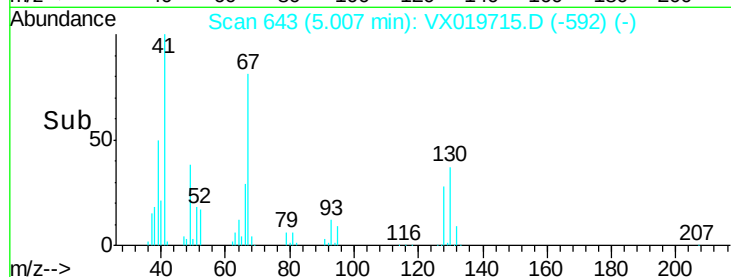
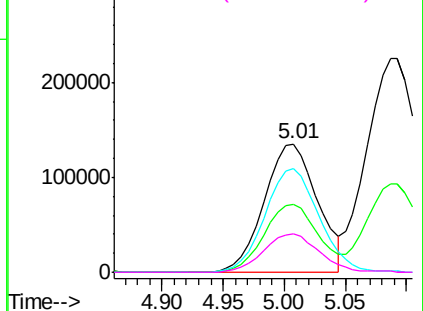
#41
Methacrylonitrile
Concen: 147.854 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	410440
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.5	63.7
67	82.3	65.0	97.6
52	31.2	25.3	37.9

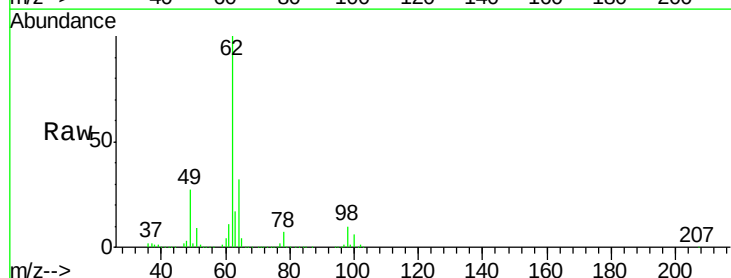


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

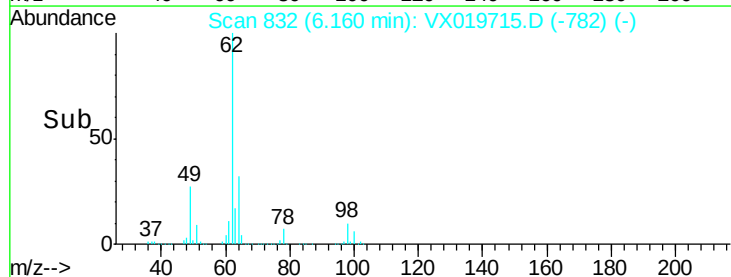
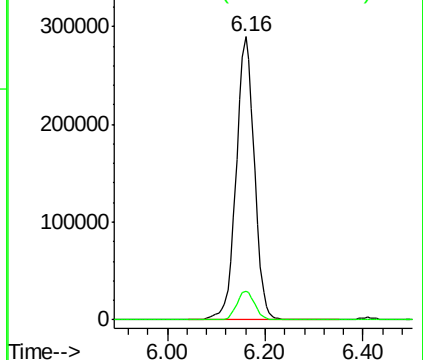


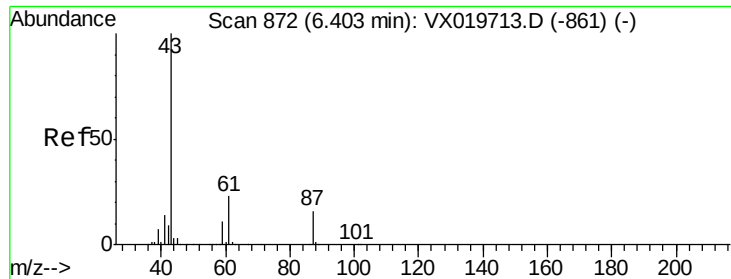
#42
1,2-Dichloroethane
Concen: 139.165 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion:	62	Resp:	746708
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: 149.955 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

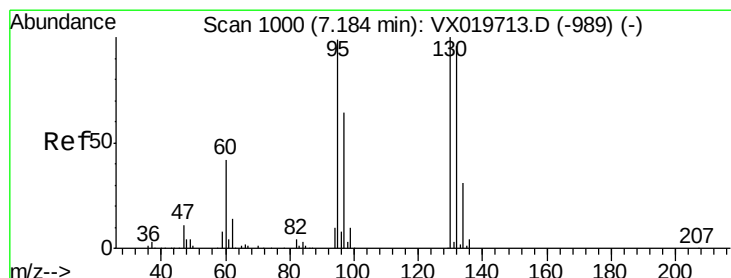
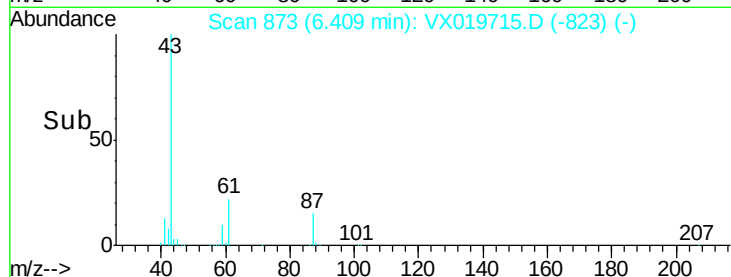
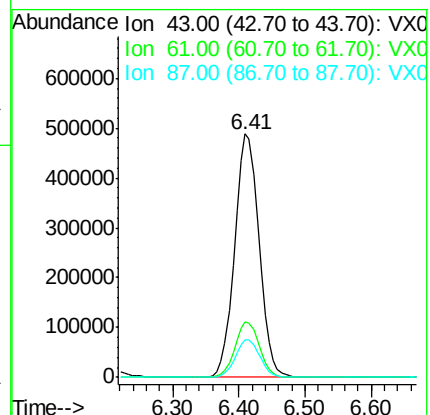
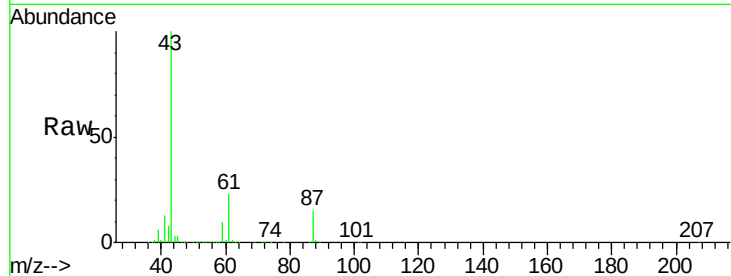
Tgt Ion: 43 Resp: 1245245

Ion Ratio Lower Upper

43 100

61 22.8 18.2 27.4

87 15.5 12.5 18.7



#44

Trichloroethene

Concen: 141.173 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019715.D

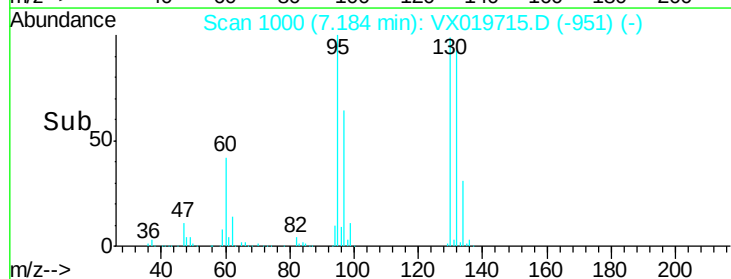
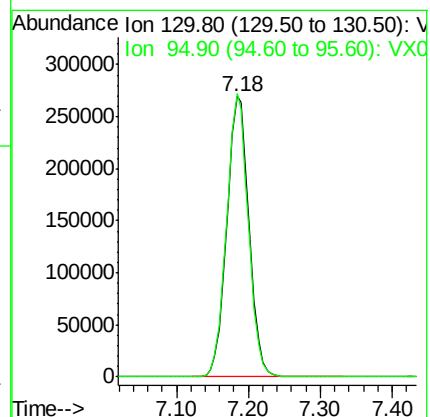
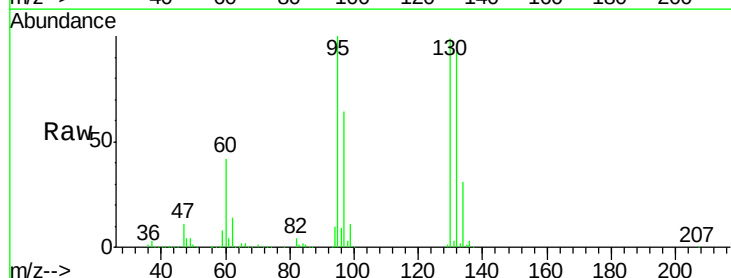
Acq: 04 Dec 2020 13:10

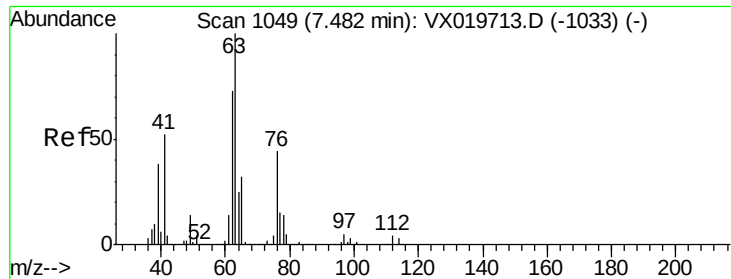
Tgt Ion: 130 Resp: 575899

Ion Ratio Lower Upper

130 100

95 100.9 0.0 198.0

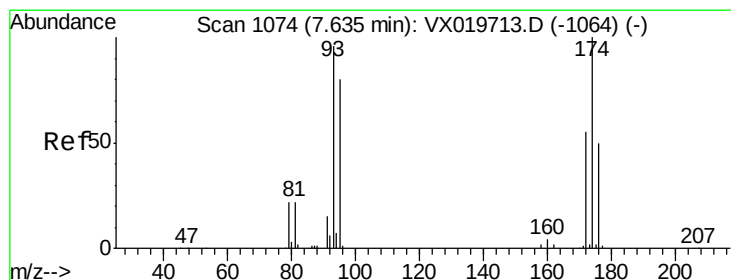
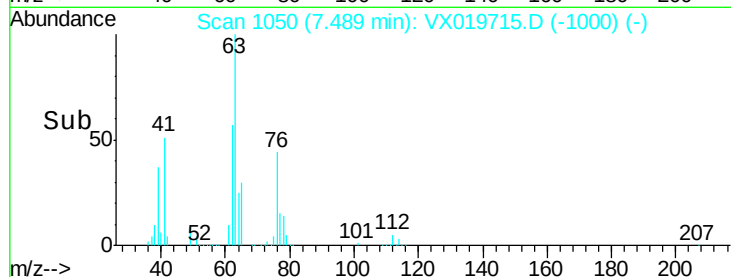
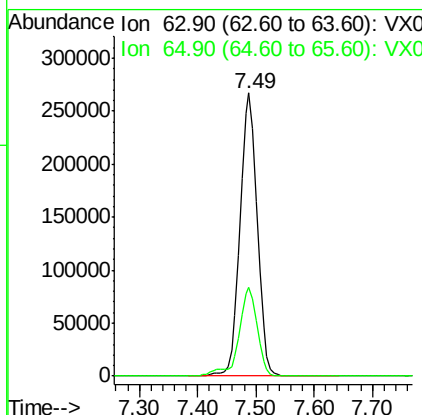
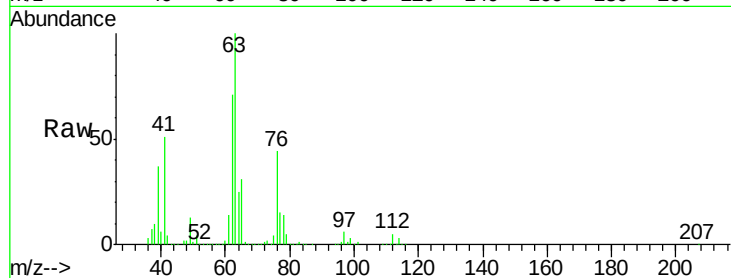




#45
 1,2-Dichloropropane
 Concen: 139.639 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

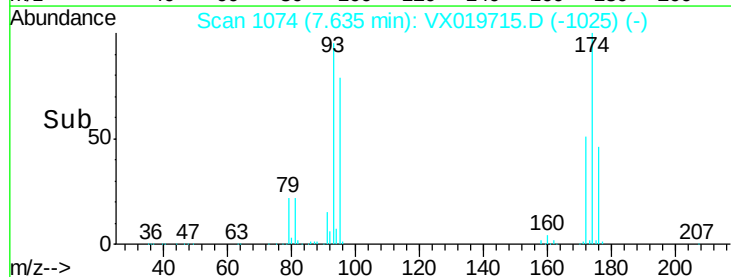
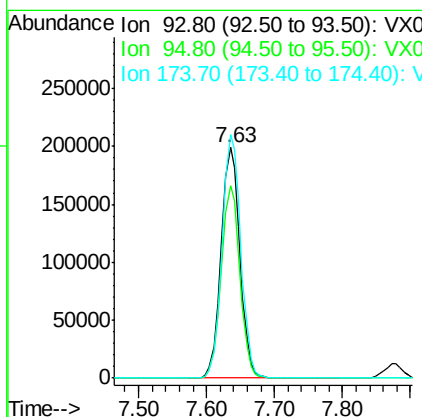
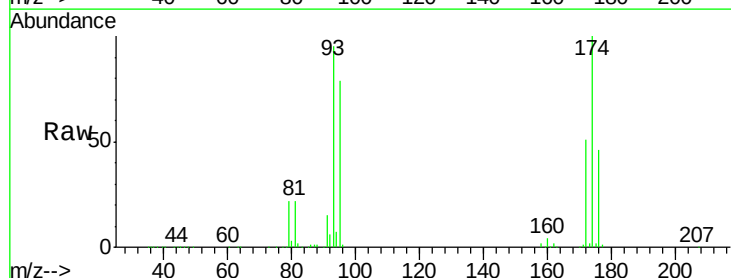
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

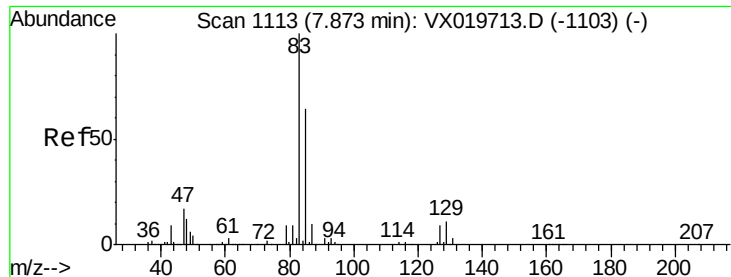
Tgt Ion: 63 Resp: 548537
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.7 38.5



#46
 Dibromomethane
 Concen: 144.450 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

Tgt Ion: 93 Resp: 380613
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.8 100.2
 174 104.8 83.1 124.7

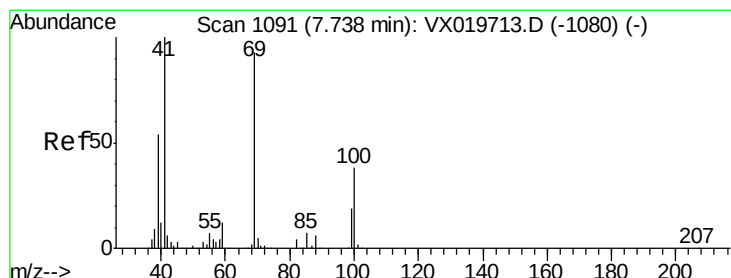
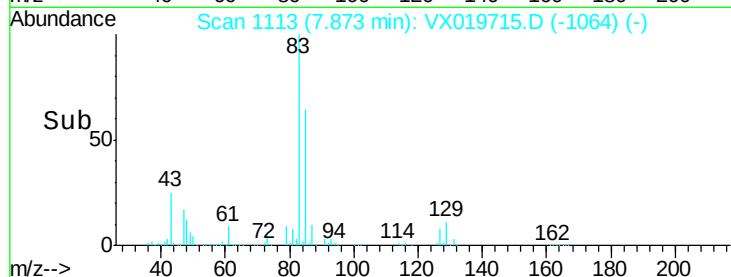
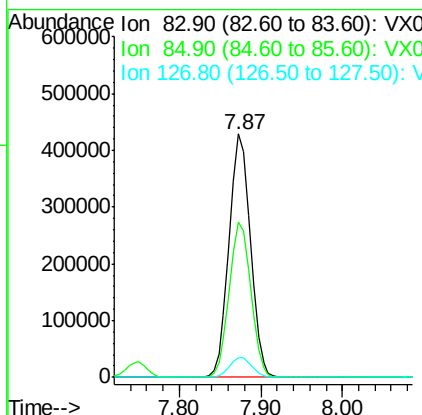
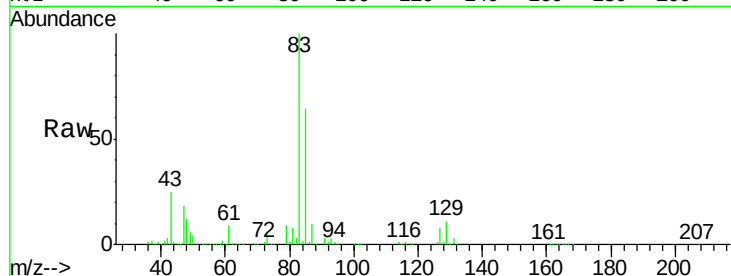




#47
Bromodichloromethane
Concen: 148.086 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

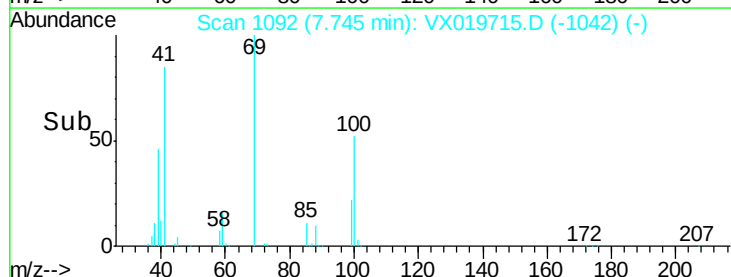
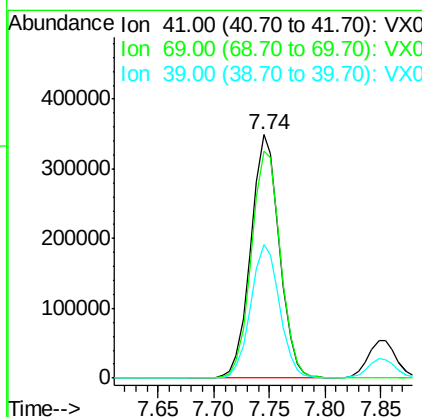
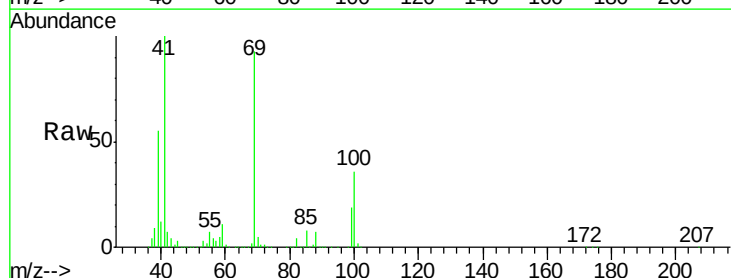
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

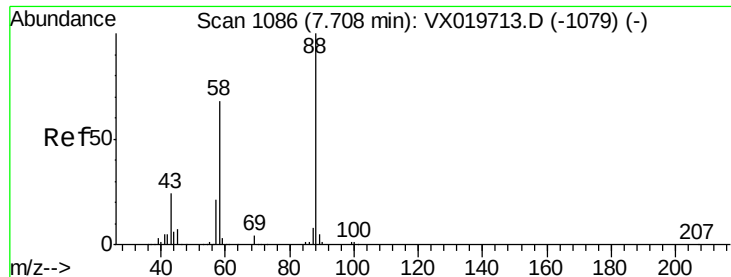
Tgt Ion: 83 Resp: 773441
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.0
127 8.2 6.8 10.2



#48
Methyl methacrylate
Concen: 152.678 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion: 41 Resp: 626665
Ion Ratio Lower Upper
41 100
69 95.1 76.0 114.0
39 55.2 44.6 67.0

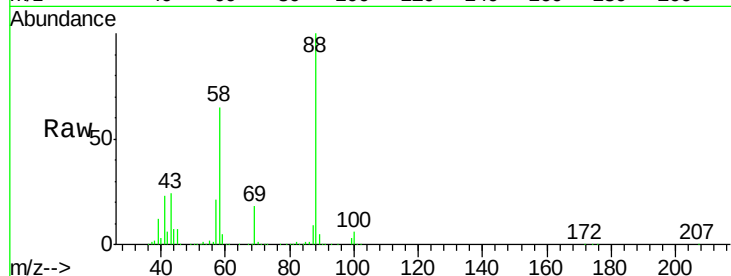




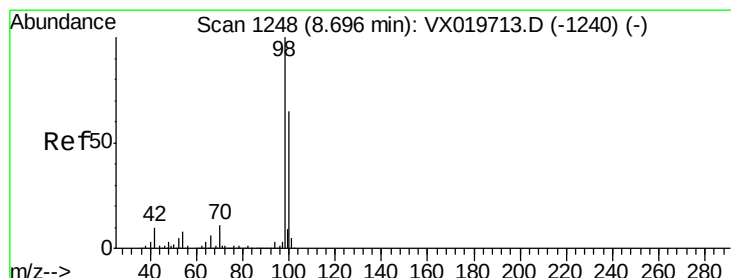
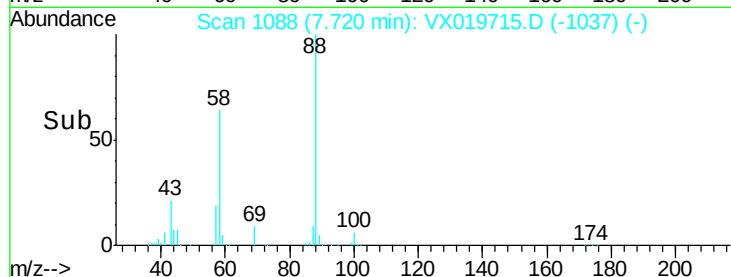
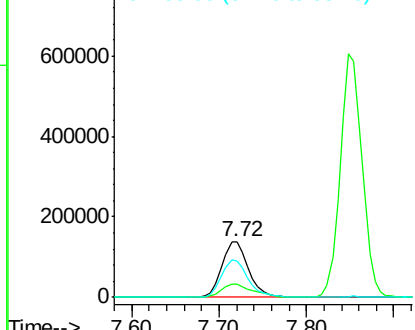
#49
1,4-Dioxane
Concen: 3113.203 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 293723
Ion Ratio Lower Upper
88 100
43 28.0 23.2 34.8
58 67.7 55.0 82.4

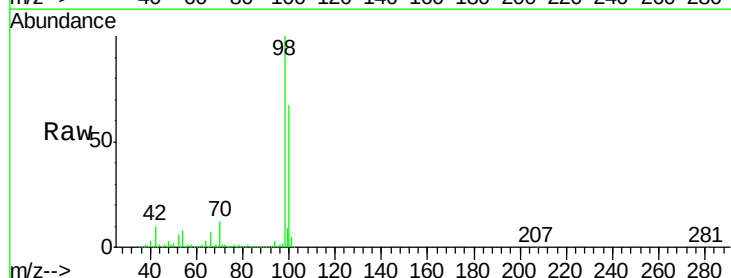


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

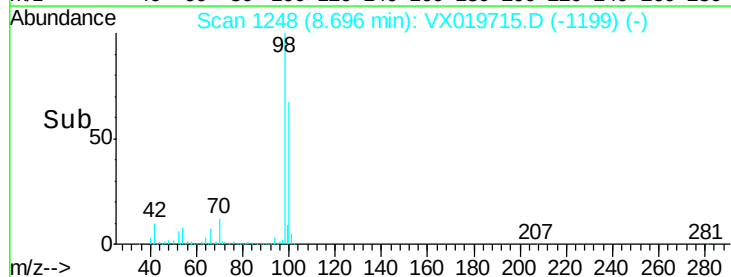
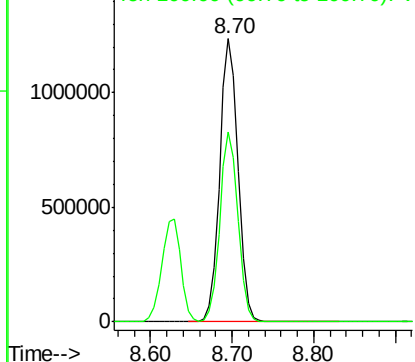


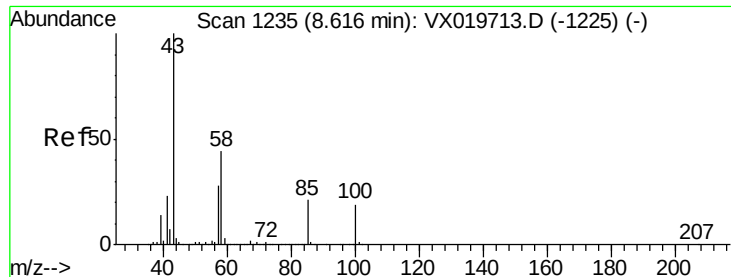
#50
Toluene-d8
Concen: 141.843 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion: 98 Resp: 1928125
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9



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

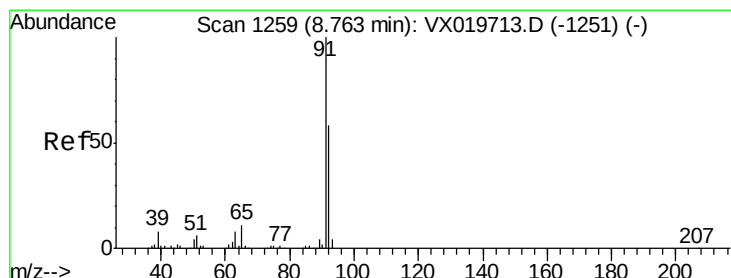
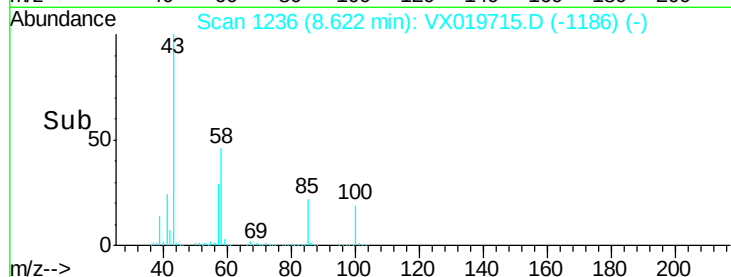
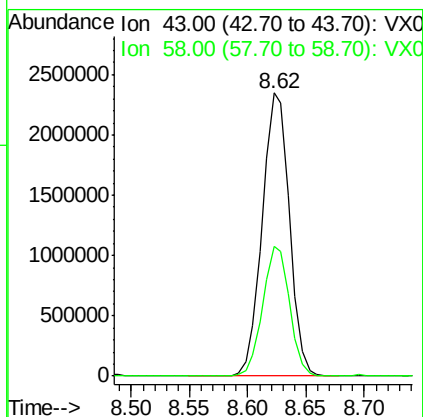
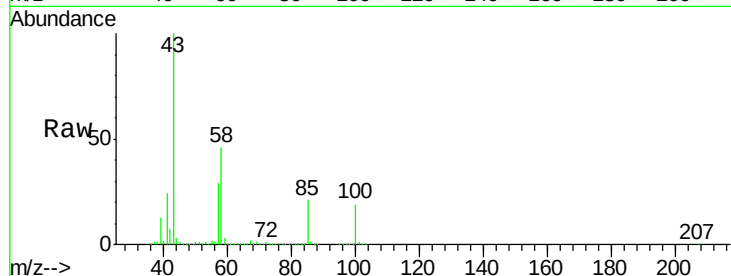




#51
 4-Methyl-2-Pentanone
 Concen: 754.039 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

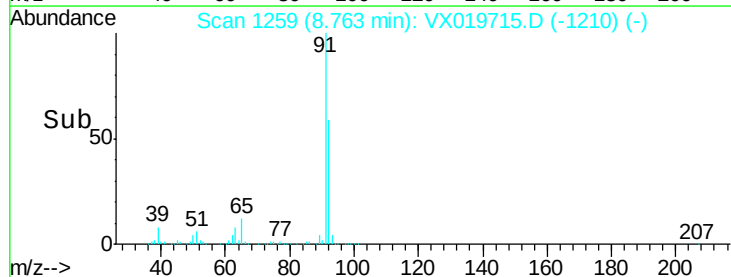
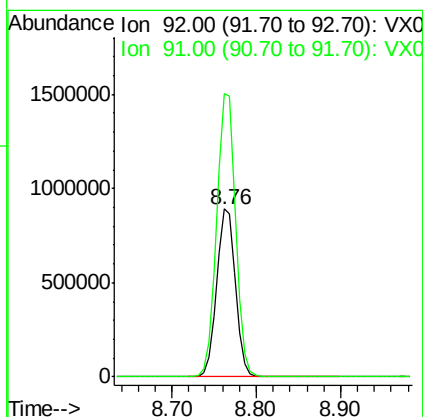
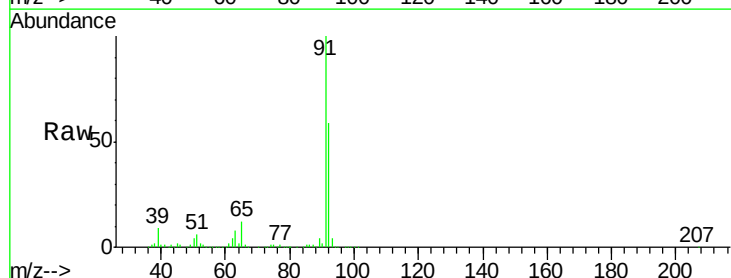
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

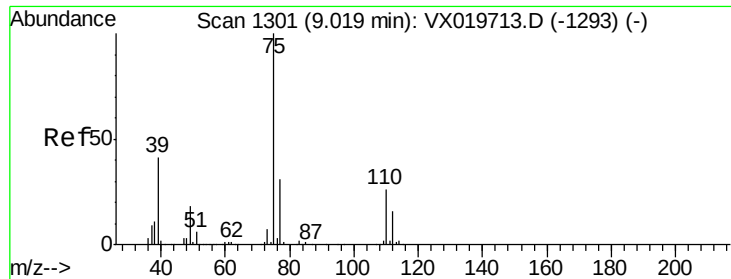
Tgt Ion: 43 Resp: 3825066
 Ion Ratio Lower Upper
 43 100
 58 45.2 35.4 53.0



#52
 Toluene
 Concen: 141.429 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

Tgt Ion: 92 Resp: 1375300
 Ion Ratio Lower Upper
 92 100
 91 170.7 137.1 205.7

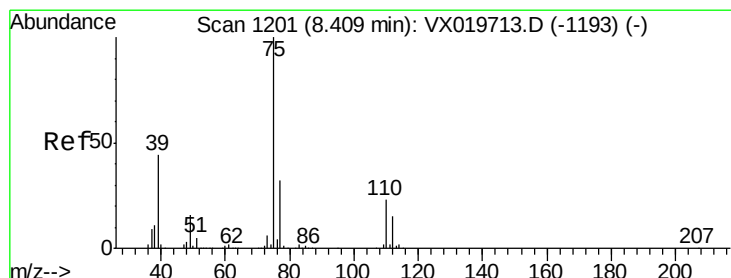
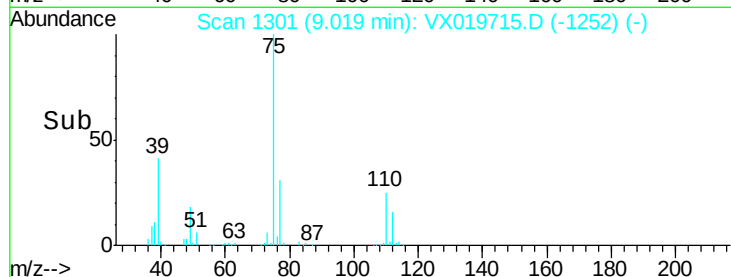
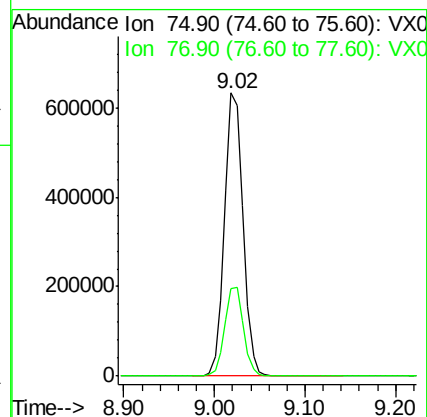
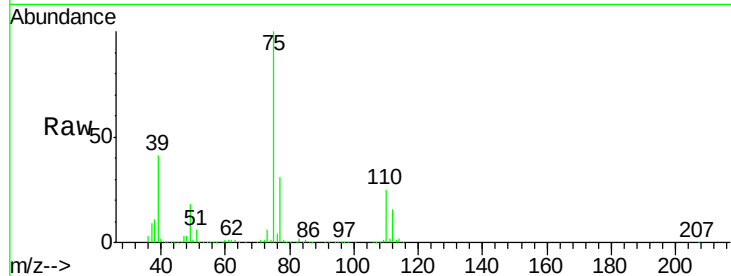




#53
t-1,3-Dichloropropene
Concen: 158.363 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

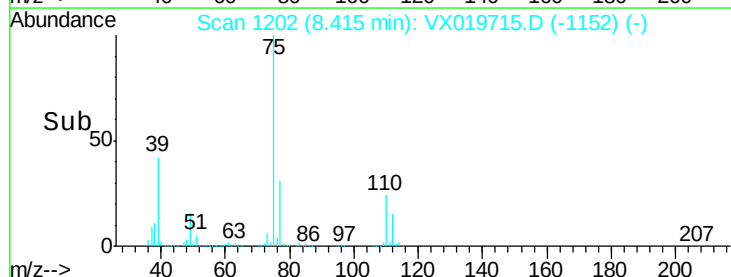
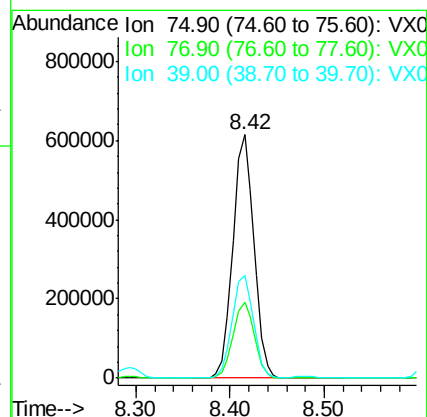
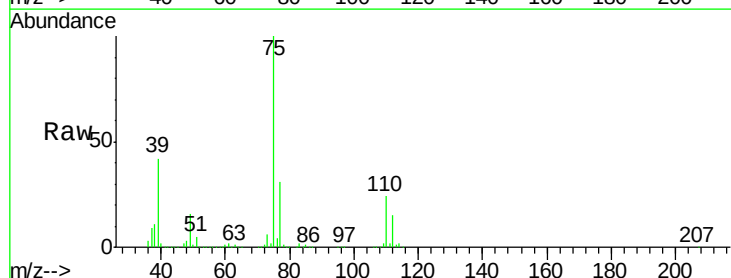
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

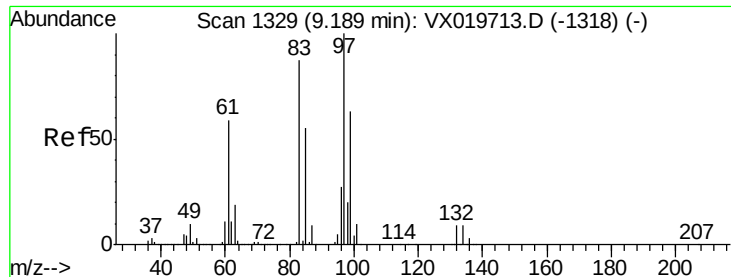
Tgt Ion: 75 Resp: 906986
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 152.351 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion: 75 Resp: 953740
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5
39 42.5 35.1 52.7

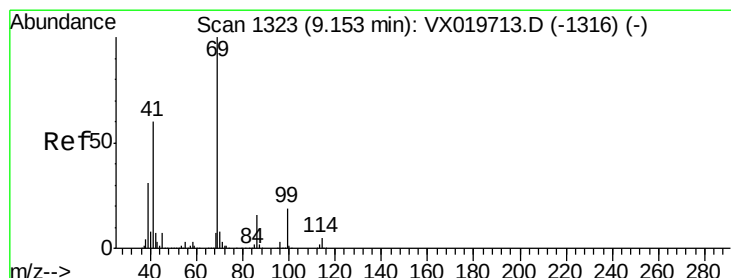
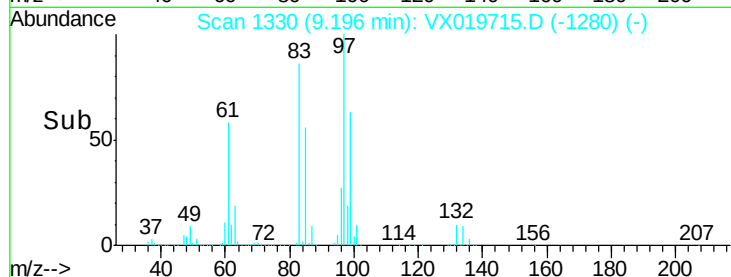
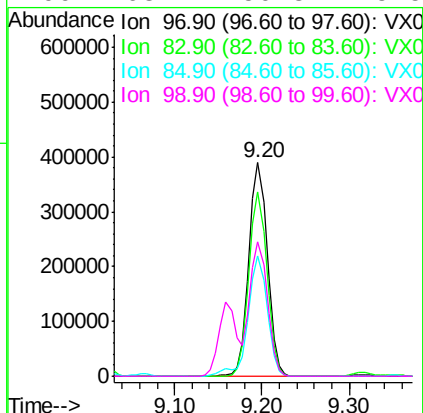
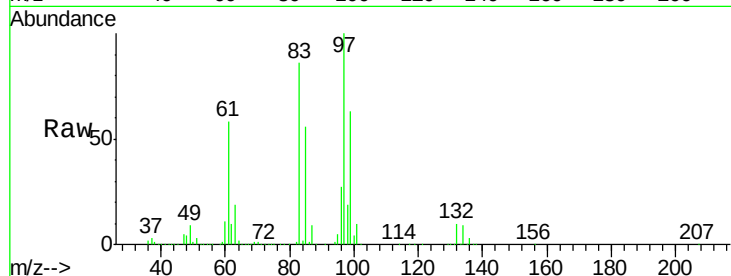




#55
 1,1,2-Trichloroethane
 Concen: 145.617 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

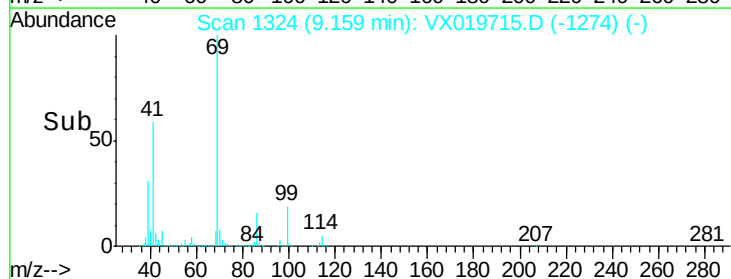
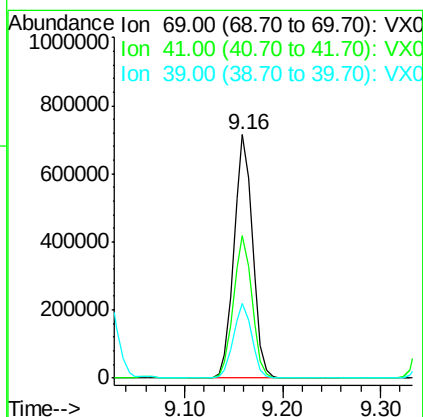
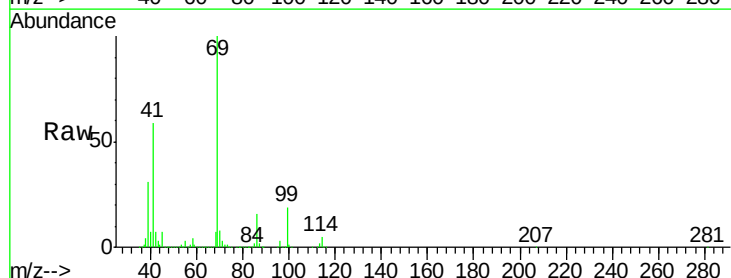
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

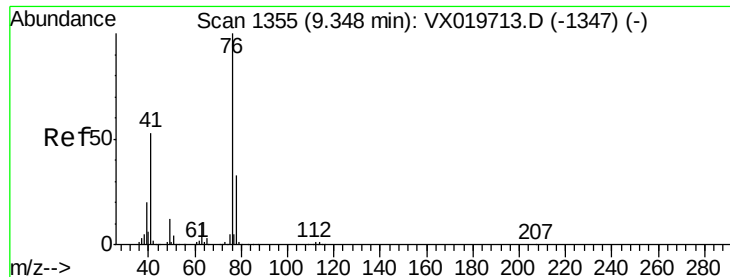
Tgt Ion:	97	Resp:	572673
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.3	103.9
85	56.1	44.3	66.5
99	63.1	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 159.763 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

Tgt Ion:	69	Resp:	943749
Ion	Ratio	Lower	Upper
69	100		
41	58.4	46.8	70.2
39	30.5	24.7	37.1





#57

1,3-Dichloropropane

Concen: 144.788 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

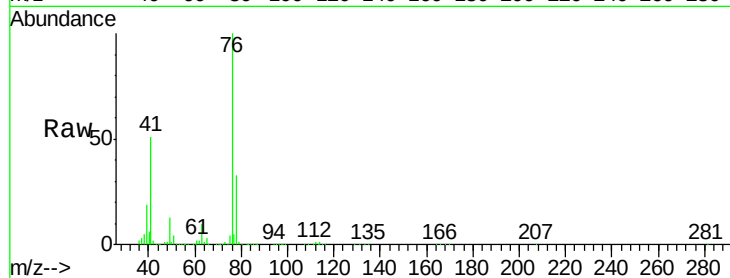
VSTDIC150

Tgt Ion: 76 Resp: 963607

Ion Ratio Lower Upper

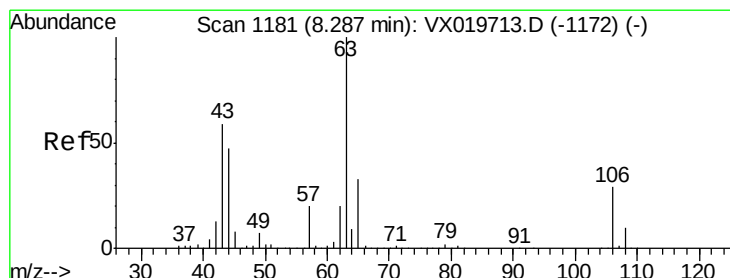
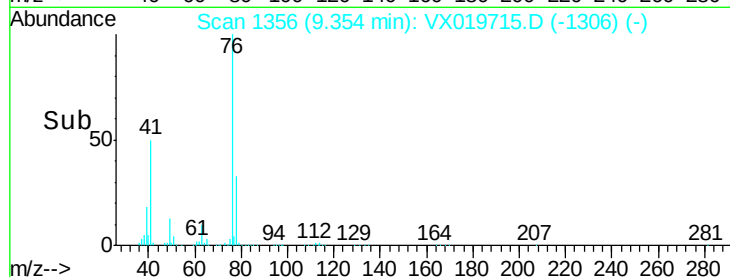
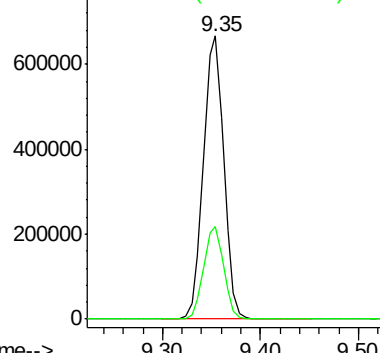
76 100

78 32.4 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: 777.919 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX019715.D

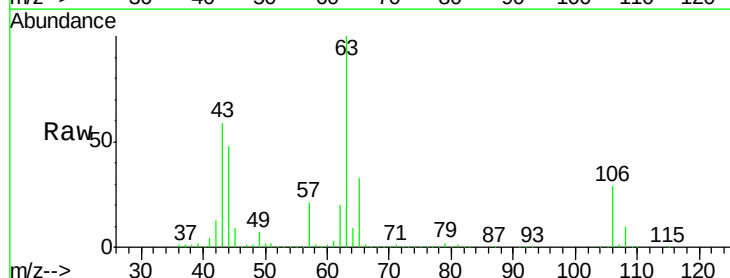
Acq: 04 Dec 2020 13:10

Tgt Ion: 63 Resp: 2407558

Ion Ratio Lower Upper

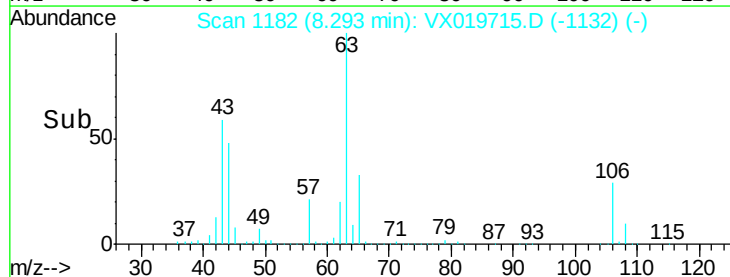
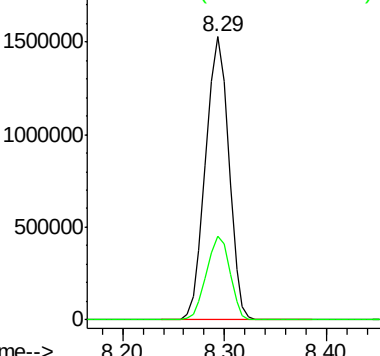
63 100

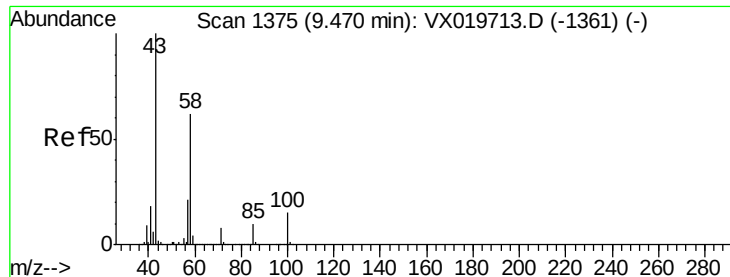
106 29.8 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

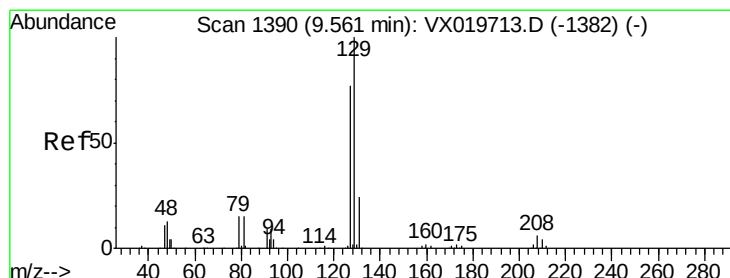
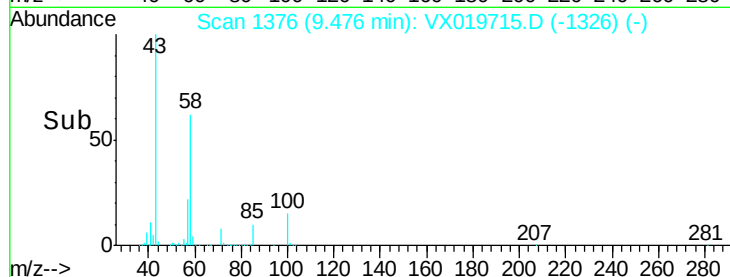
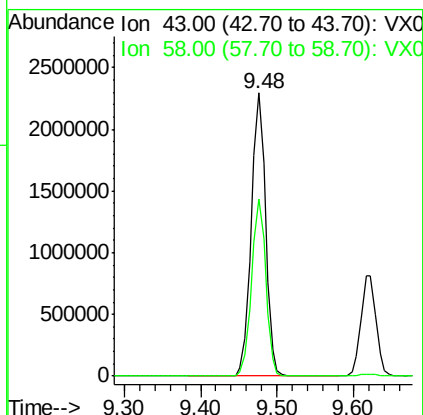
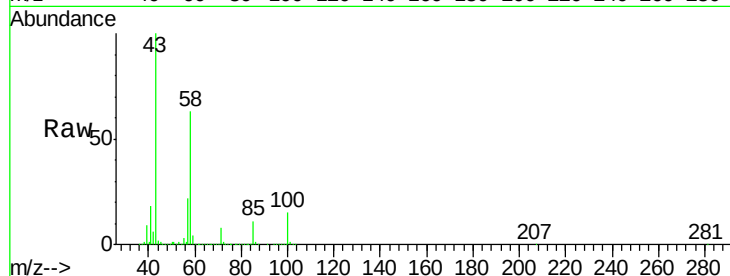




#59
2-Hexanone
Concen: 777.510 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

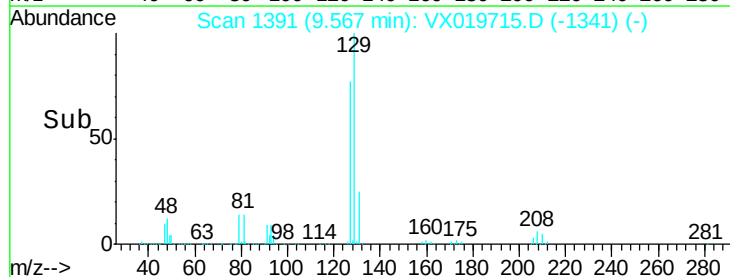
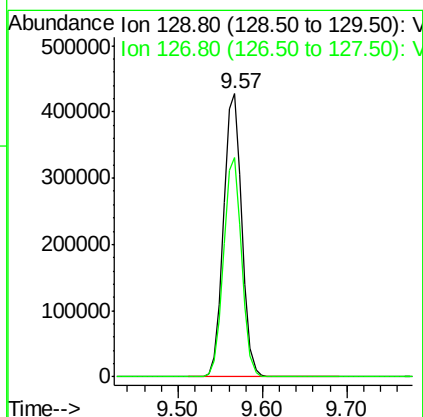
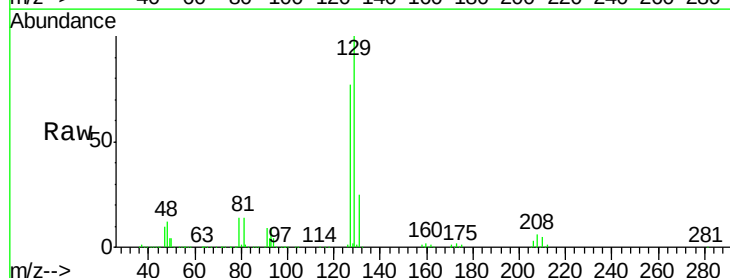
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

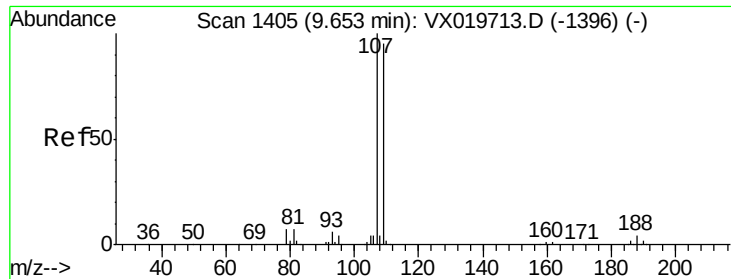
Tgt Ion: 43 Resp: 2983585
Ion Ratio Lower Upper
43 100
58 62.3 30.9 92.8



#60
Dibromochloromethane
Concen: 157.978 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion: 129 Resp: 638138
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 148.374 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

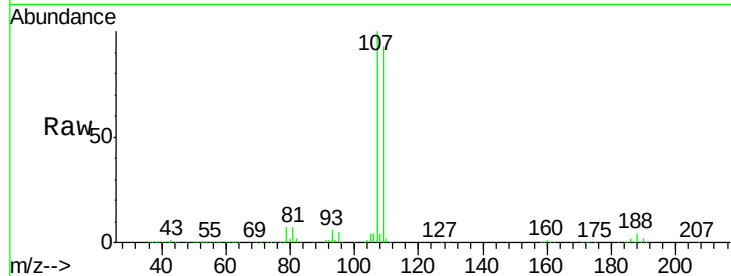
VSTDIC150

Tgt Ion: 107 Resp: 612930

Ion Ratio Lower Upper

107 100

109 94.6 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

400000

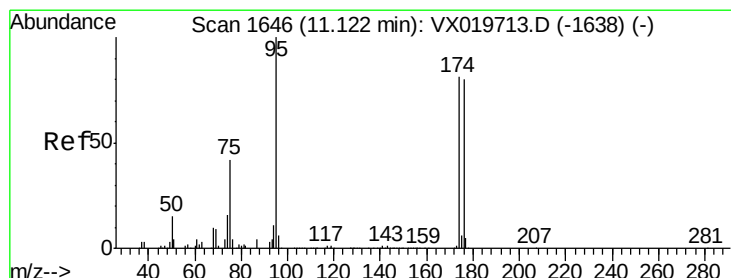
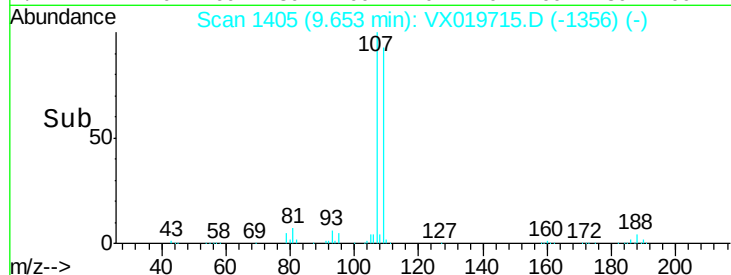
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 151.882 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

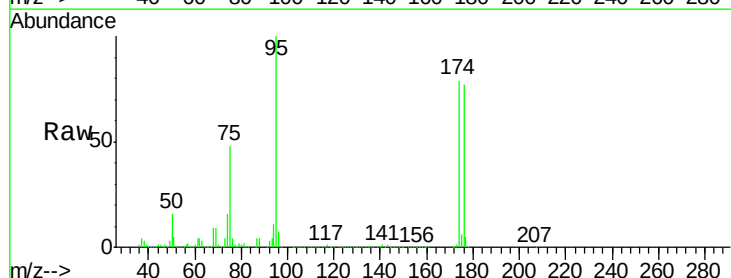
Tgt Ion: 95 Resp: 781495

Ion Ratio Lower Upper

95 100

174 79.5 0.0 154.6

176 75.2 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

11.12

800000

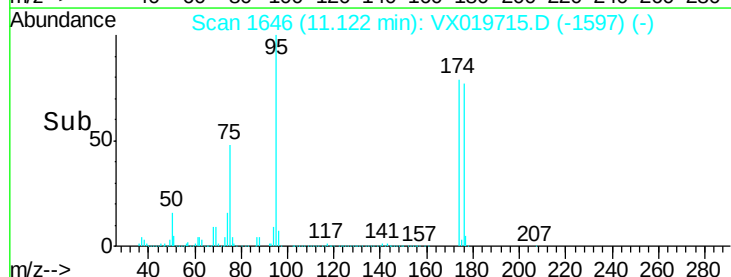
600000

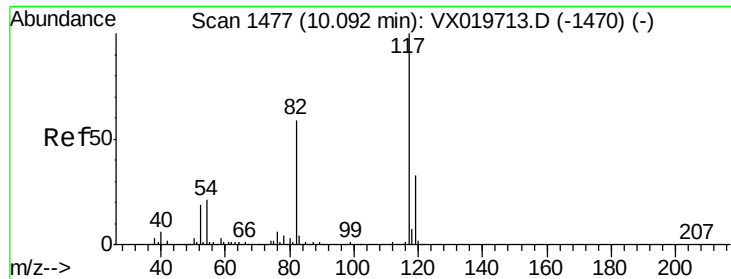
400000

200000

0

Time-->

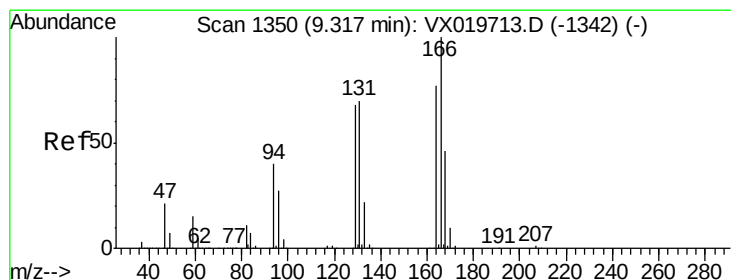
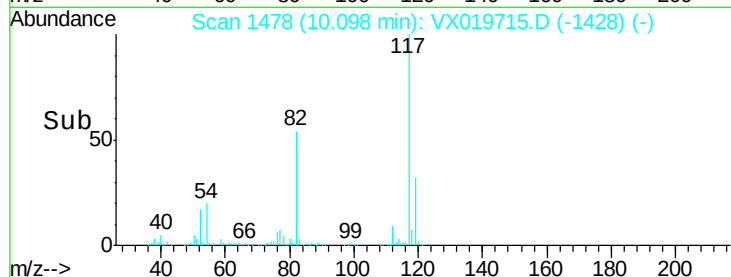
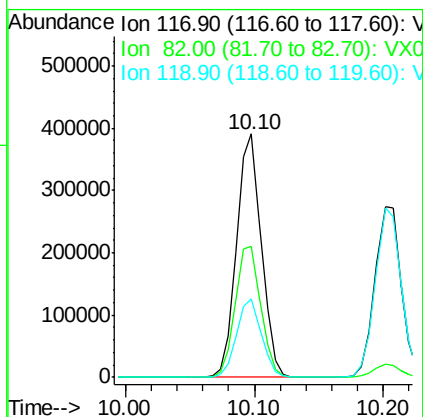
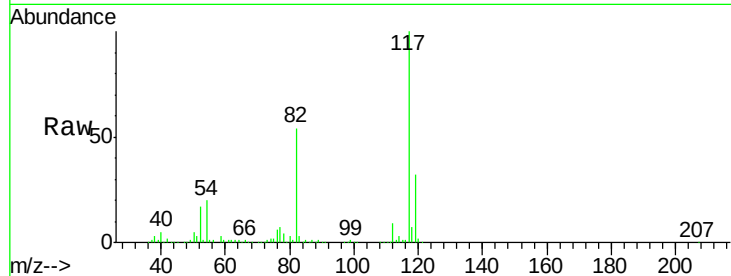




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

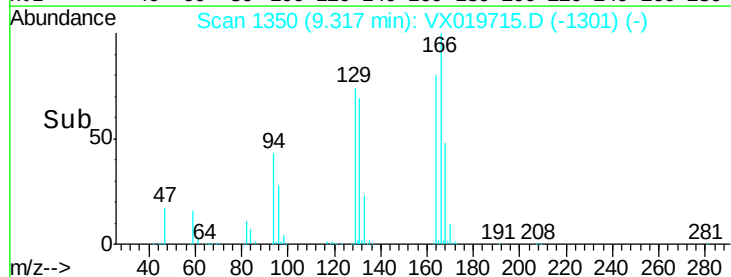
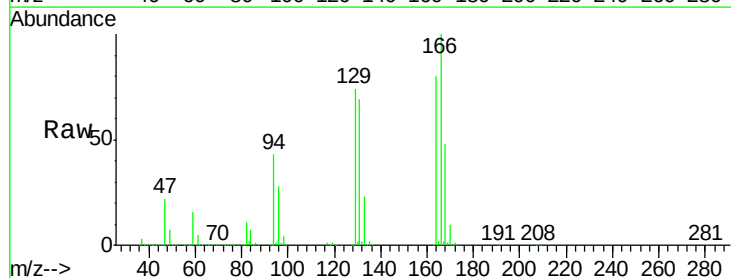
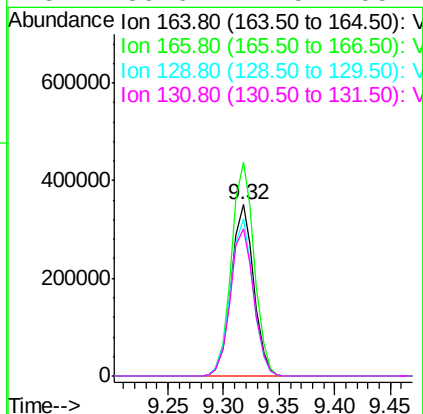
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

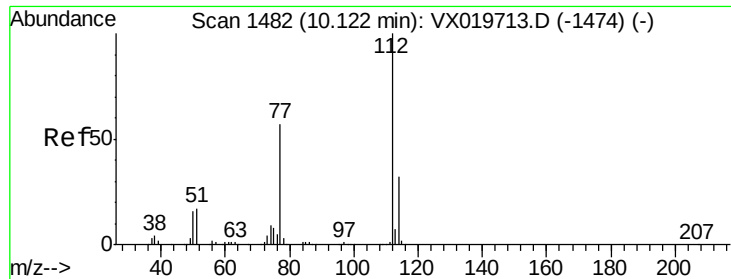
Tgt Ion:117 Resp: 521739
Ion Ratio Lower Upper
117 100
82 53.9 47.4 71.2
119 32.3 26.6 39.8



#64
Tetrachloroethene
Concen: 135.747 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion:164 Resp: 489077
Ion Ratio Lower Upper
164 100
166 124.7 103.4 155.2
129 92.1 70.8 106.2
131 85.6 72.5 108.7

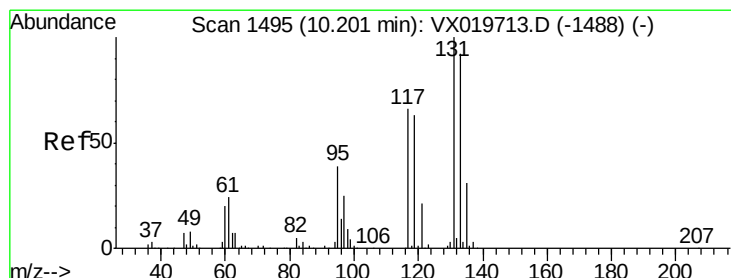
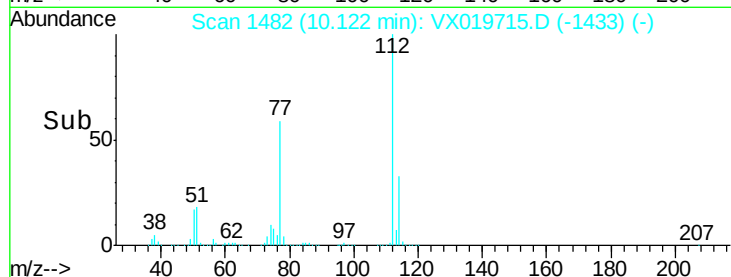
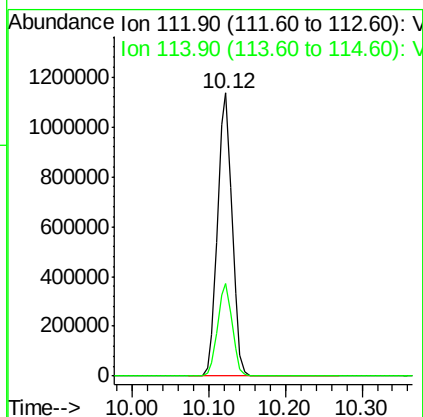
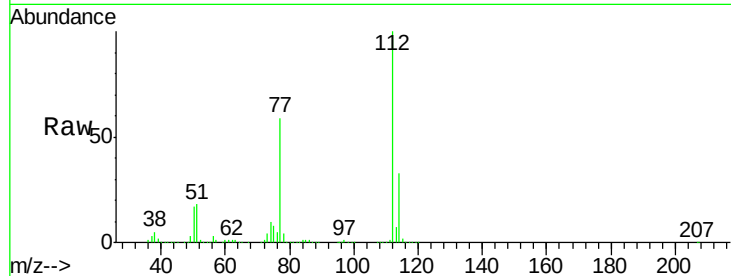




#65
Chlorobenzene
Concen: 138.306 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

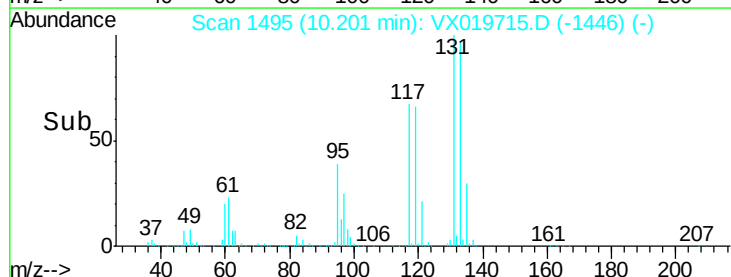
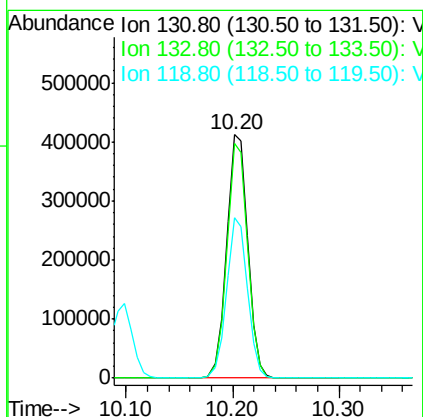
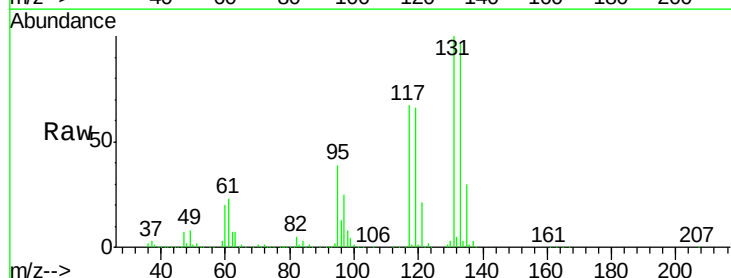
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

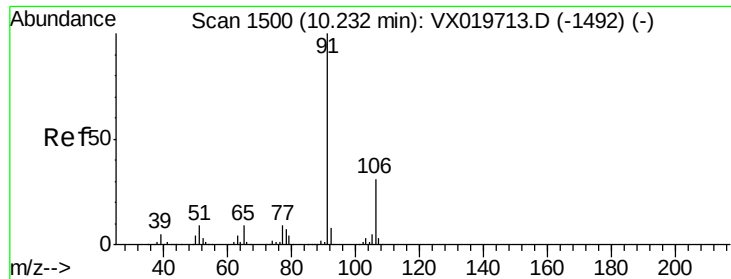
Tgt Ion:112 Resp: 1496022
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 145.994 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion:131 Resp: 573856
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 65.1 32.1 96.5

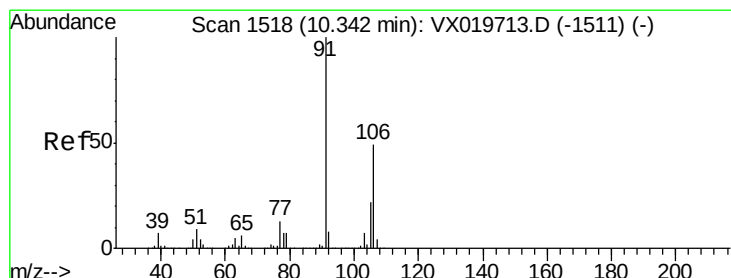
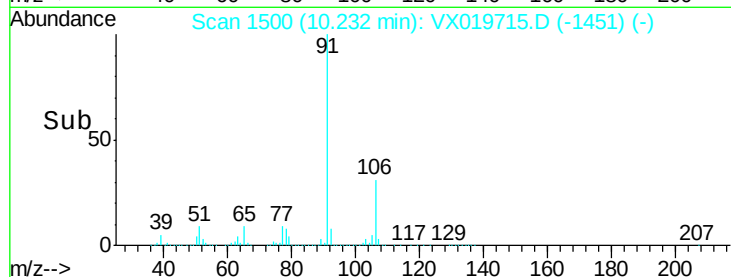
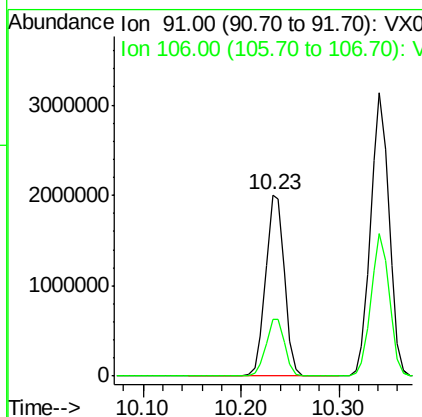
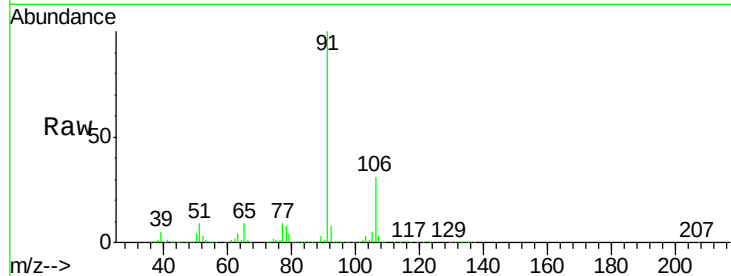




#67
Ethyl Benzene
Concen: 141.946 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

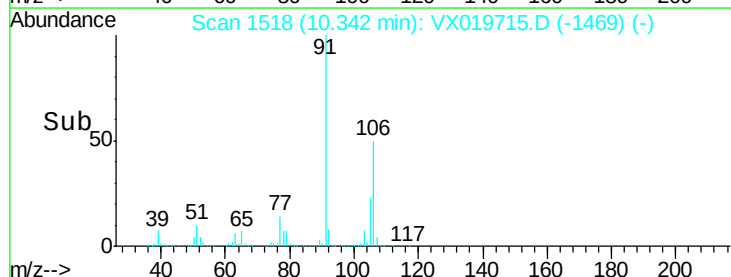
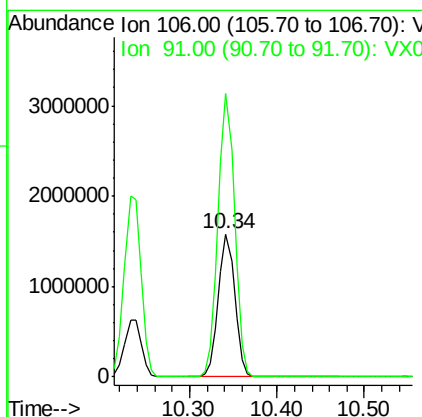
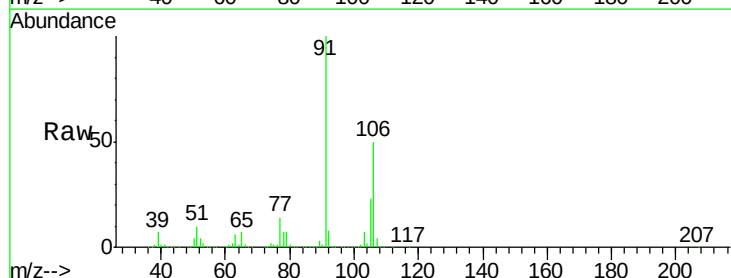
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

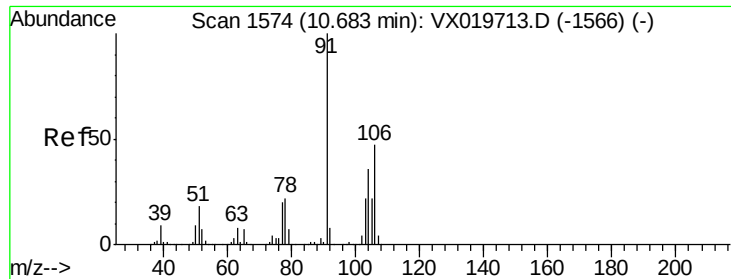
Tgt Ion: 91 Resp: 2707944
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0



#68
m/p-Xylenes
Concen: 287.900 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion: 106 Resp: 2053949
Ion Ratio Lower Upper
106 100
91 200.2 162.8 244.2

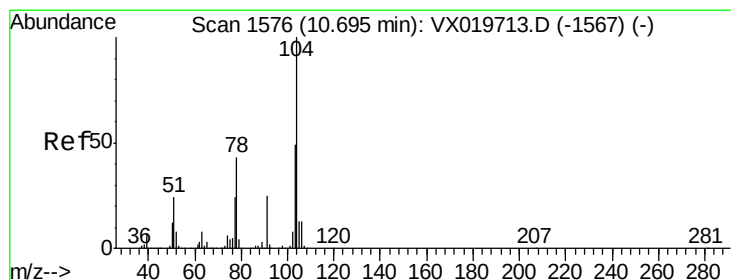
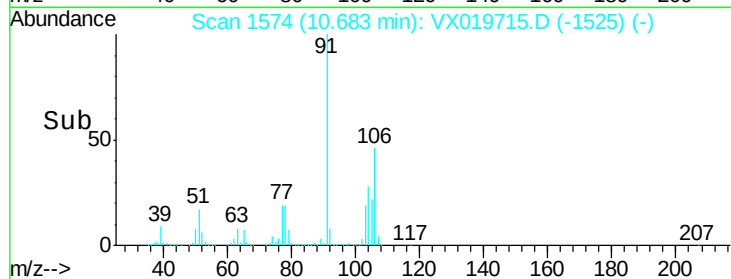
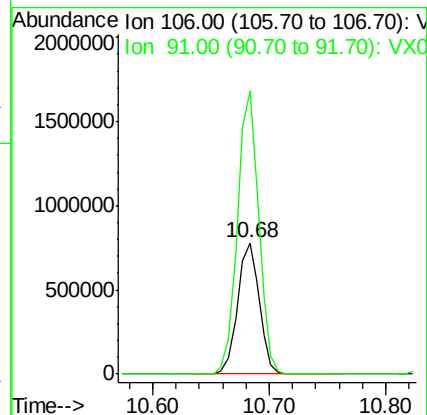
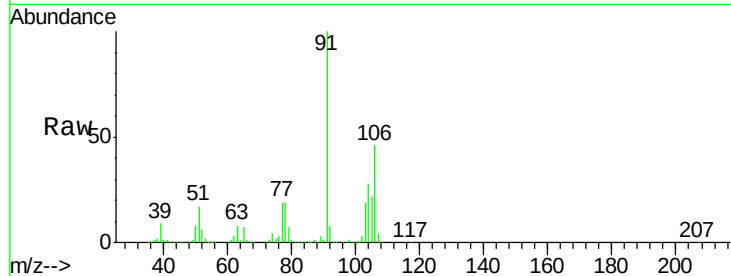




#69
o-Xylene
Concen: 145.774 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

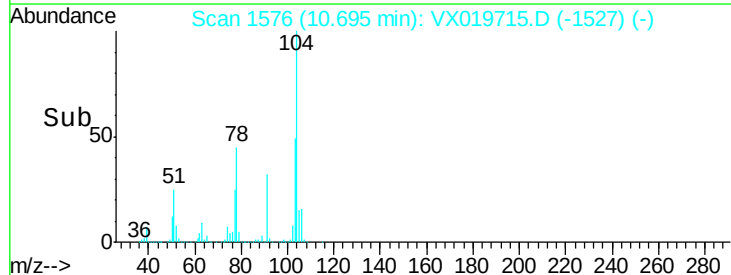
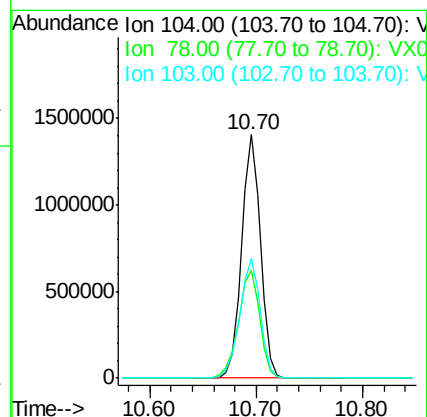
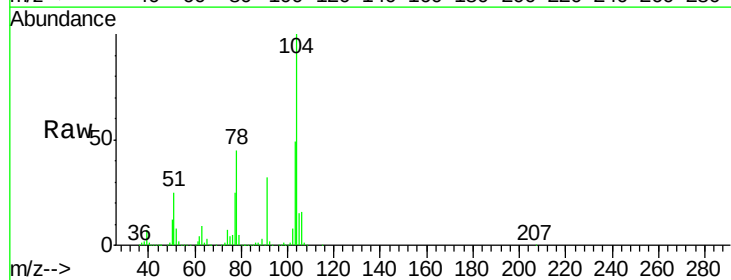
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

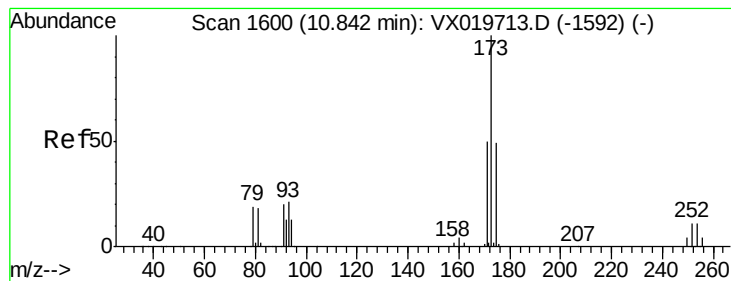
Tgt Ion:106 Resp: 1009567
Ion Ratio Lower Upper
106 100
91 212.2 108.1 324.2



#70
Styrene
Concen: 150.965 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion:104 Resp: 1753602
Ion Ratio Lower Upper
104 100
78 49.7 40.0 60.0
103 53.6 43.4 65.0





#71

Bromoform

Concen: 165.251 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

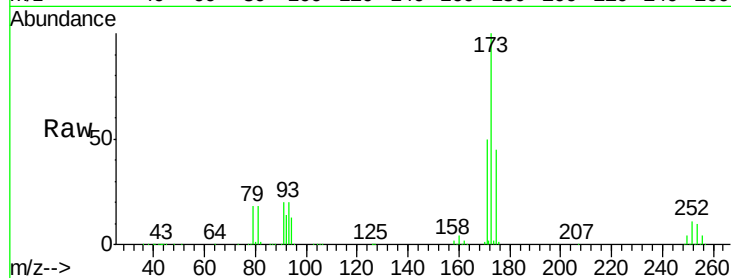
Tgt Ion:173 Resp: 502642

Ion Ratio Lower Upper

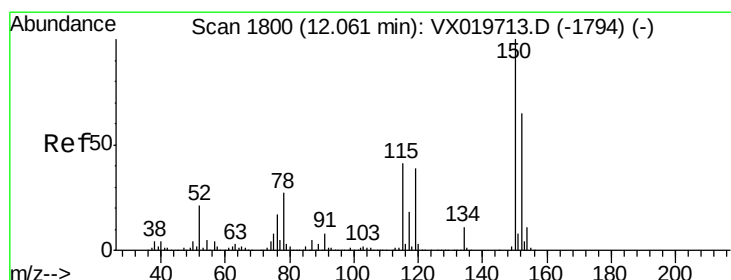
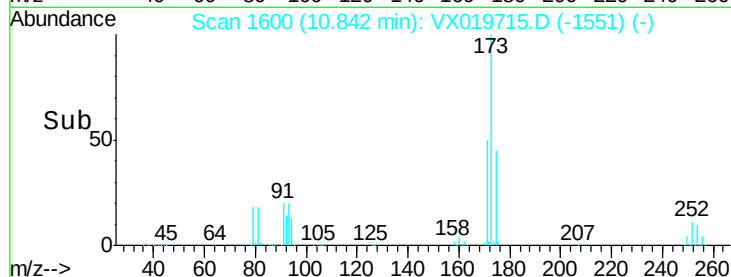
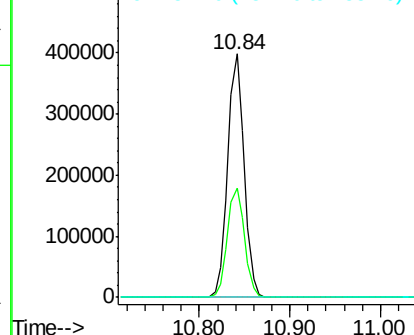
173 100

175 46.9 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: VX019715.D

Acq: 04 Dec 2020 13:10

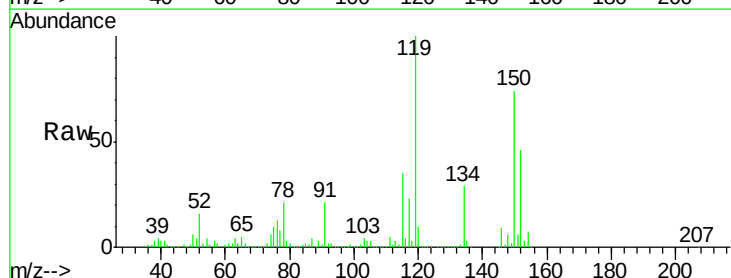
Tgt Ion:152 Resp: 267238

Ion Ratio Lower Upper

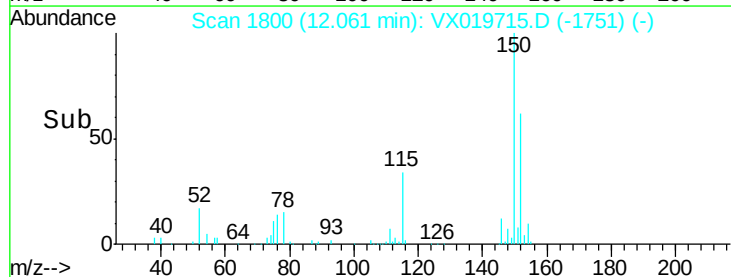
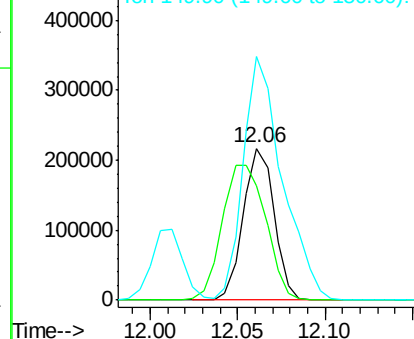
152 100

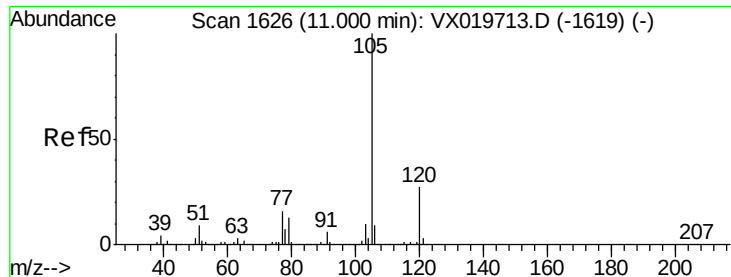
115 124.8 41.1 123.3#

150 204.2 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: 143.275 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

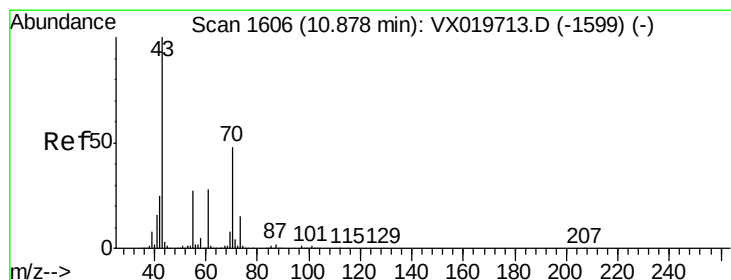
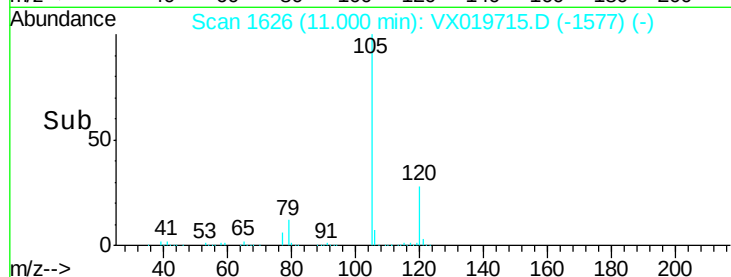
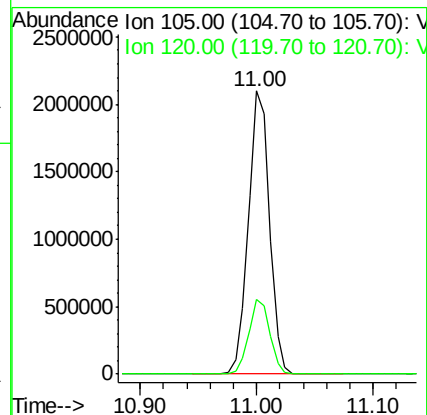
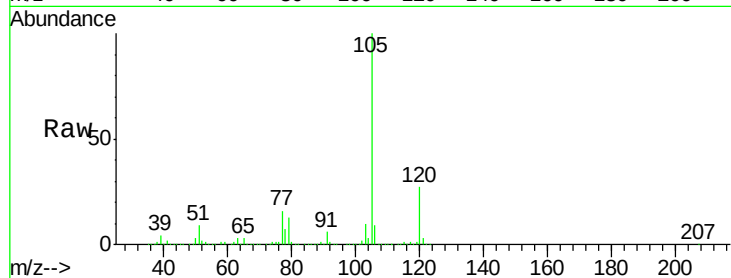
VSTDIC150

Tgt Ion:105 Resp: 2666471

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 151.296 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Tgt Ion: 43 Resp: 1130516

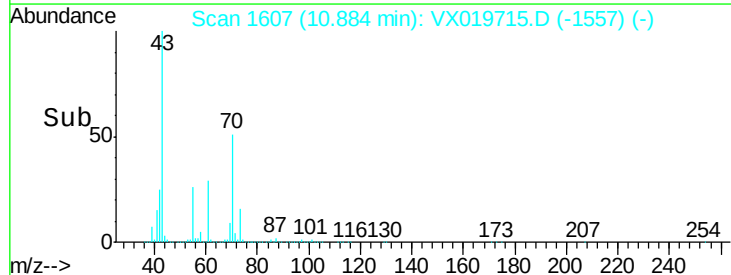
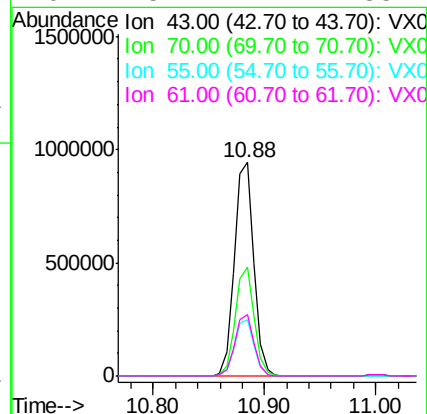
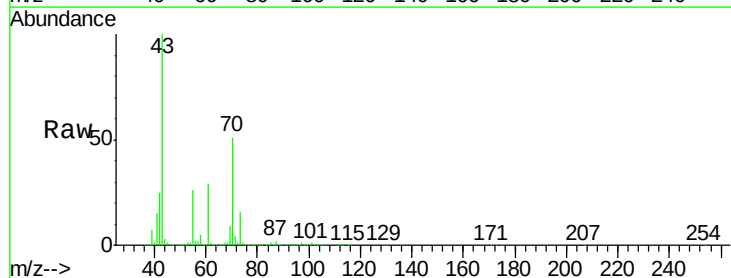
Ion Ratio Lower Upper

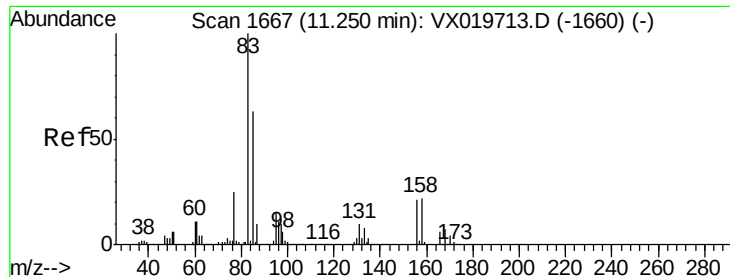
43 100

70 49.7 39.0 58.6

55 26.3 21.5 32.3

61 28.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 137.205 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

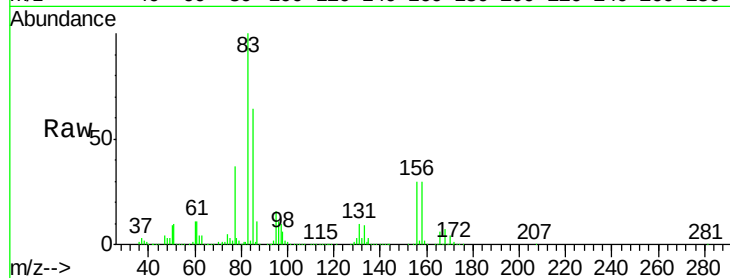
Tgt Ion: 83 Resp: 924682

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.2

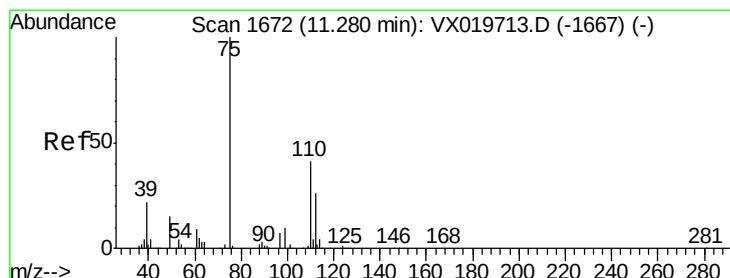
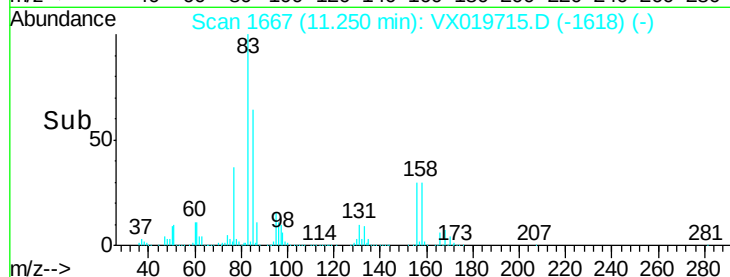
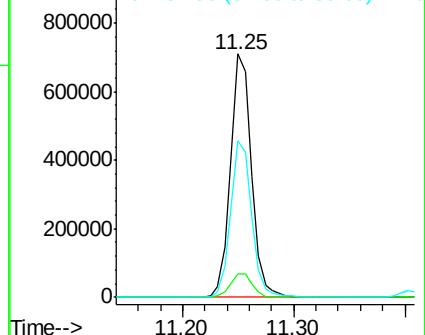
85 64.6 31.8 95.4



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: 180.186 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019715.D

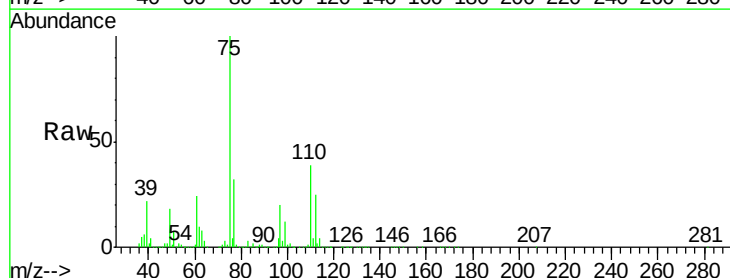
Acq: 04 Dec 2020 13:10

Tgt Ion: 75 Resp: 1103600

Ion Ratio Lower Upper

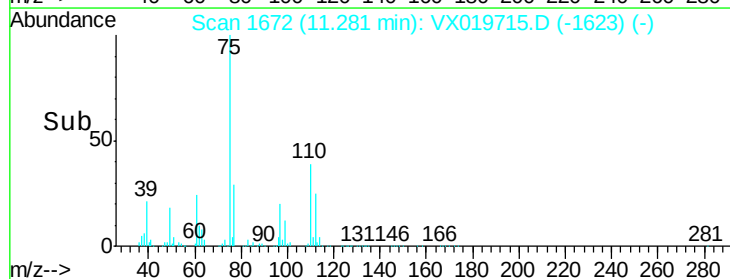
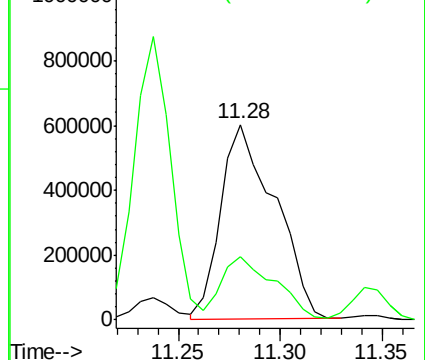
75 100

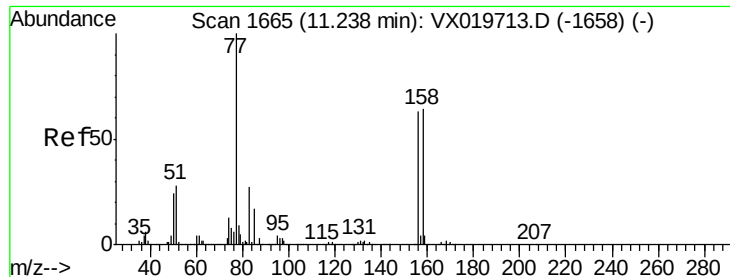
77 32.1 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 139.028 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

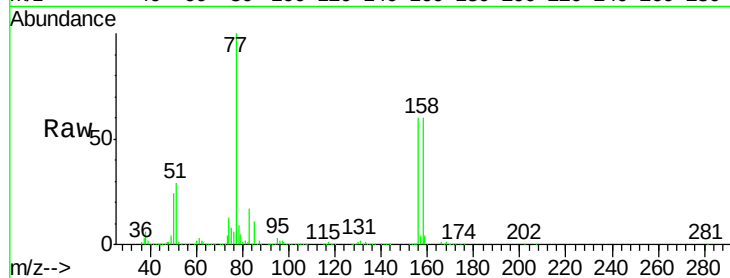
Tgt Ion:156 Resp: 670524

Ion Ratio Lower Upper

156 100

77 164.3 82.8 248.6

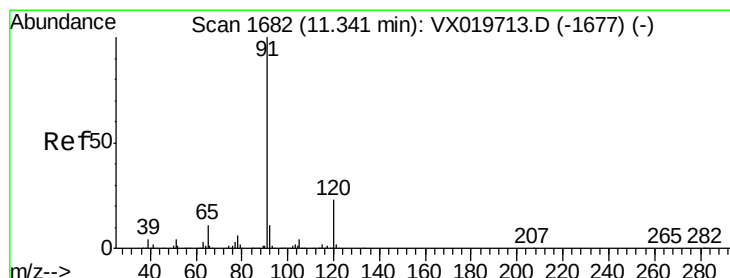
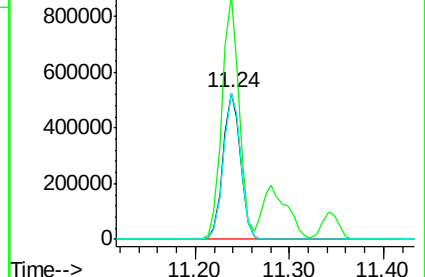
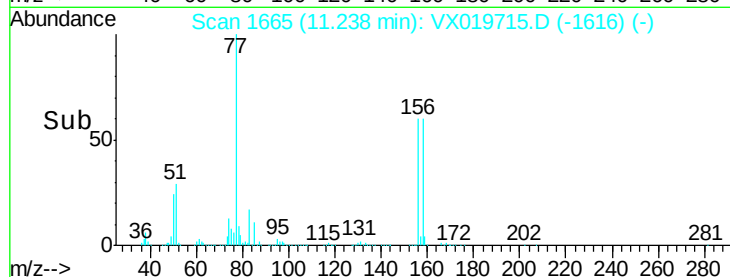
158 99.0 49.1 147.4



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: 143.497 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019715.D

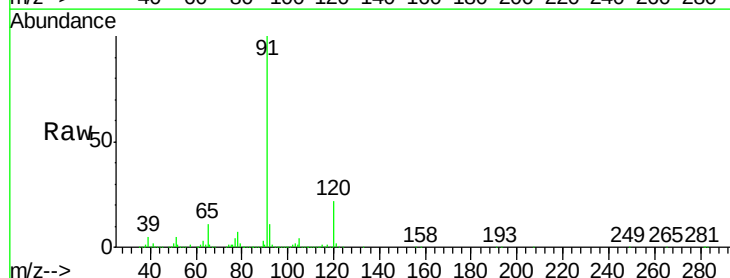
Acq: 04 Dec 2020 13:10

Tgt Ion: 91 Resp: 3078901

Ion Ratio Lower Upper

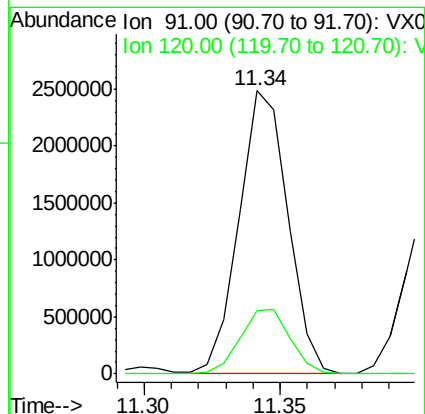
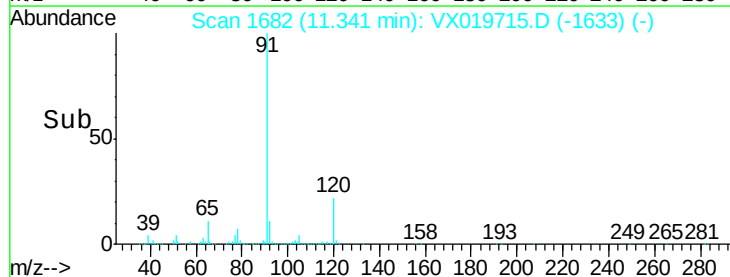
91 100

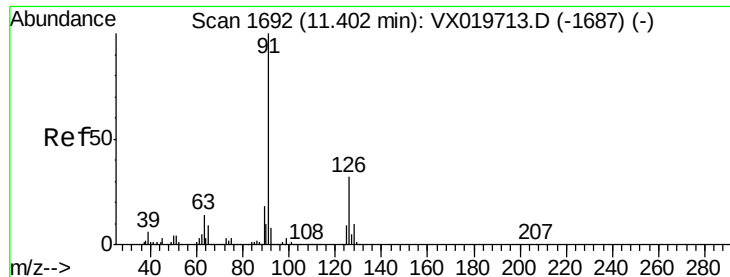
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

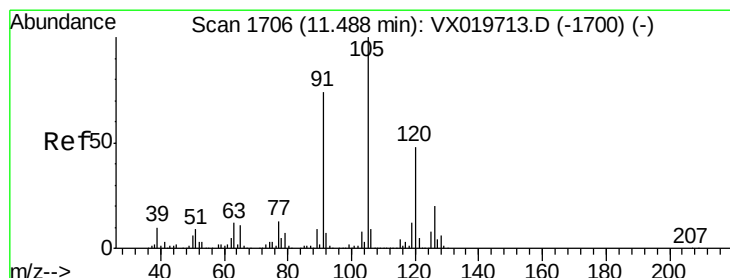
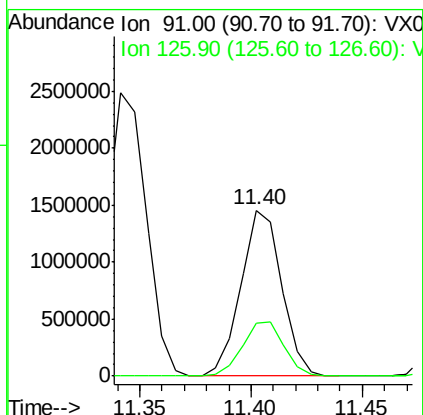
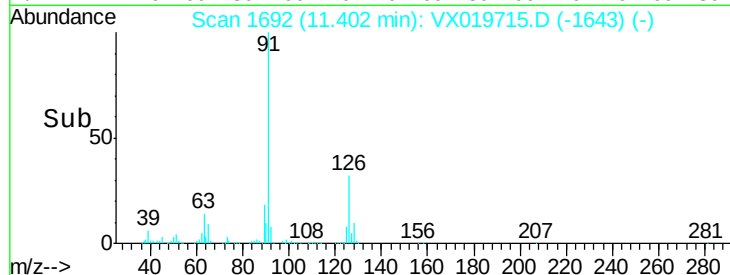
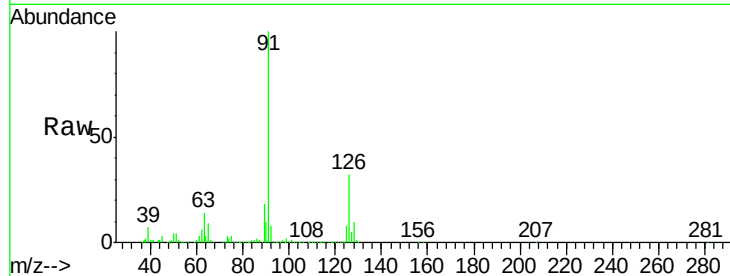




#79
 2-Chlorotoluene
 Concen: 142.069 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

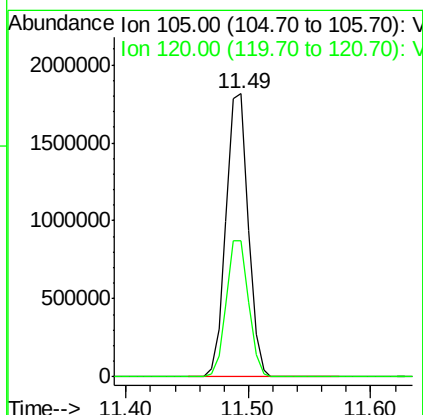
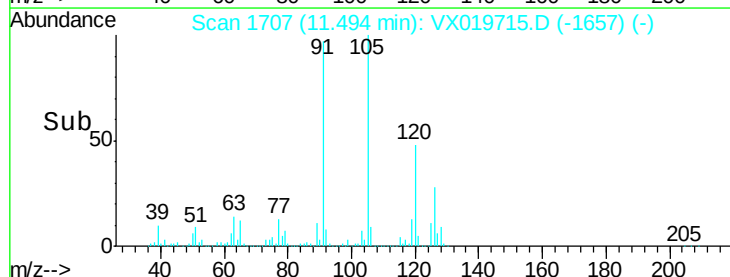
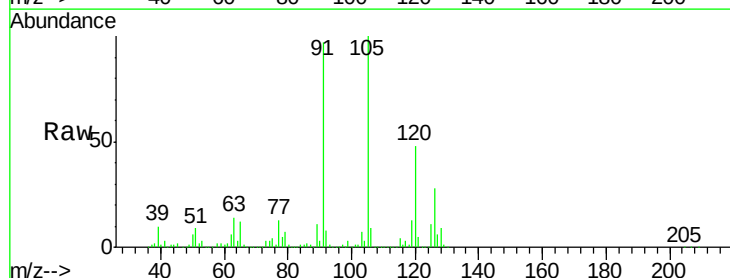
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

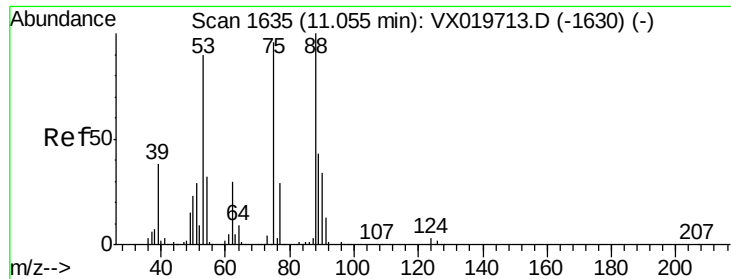
Tgt Ion: 91 Resp: 1854035
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 144.160 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

Tgt Ion: 105 Resp: 2269065
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 159.535 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

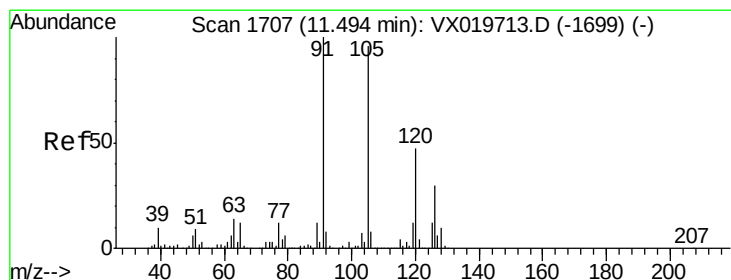
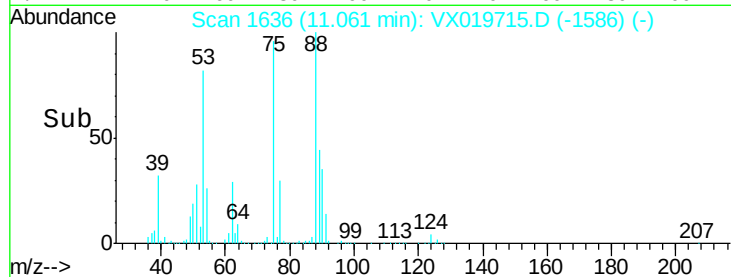
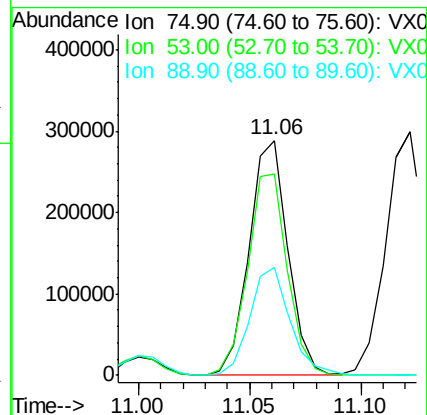
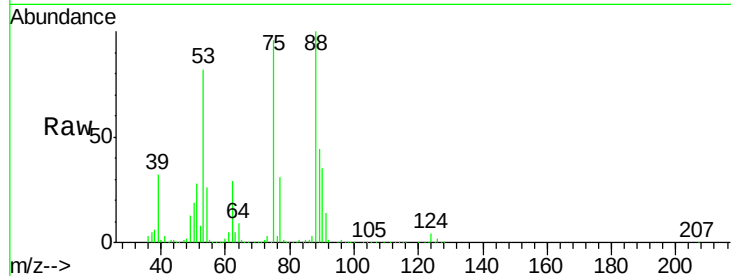
Tgt Ion: 75 Resp: 349337

Ion Ratio Lower Upper

75 100

53 88.1 74.5 111.7

89 48.2 37.9 56.9



#82

4-Chlorotoluene

Concen: 143.364 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019715.D

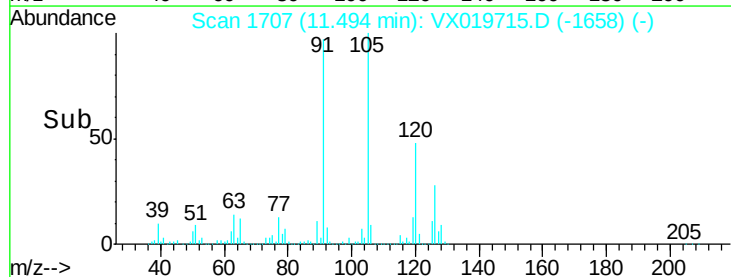
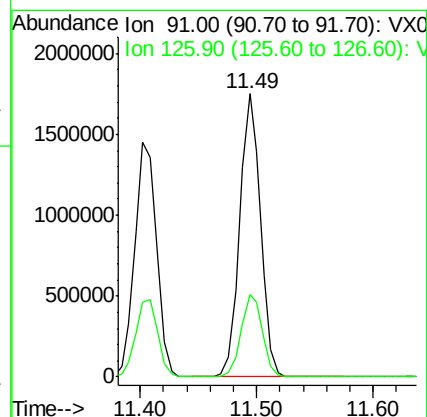
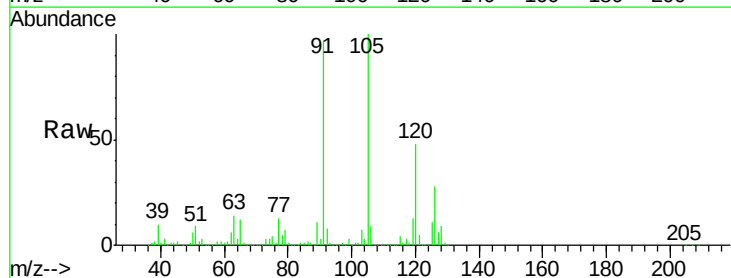
Acq: 04 Dec 2020 13:10

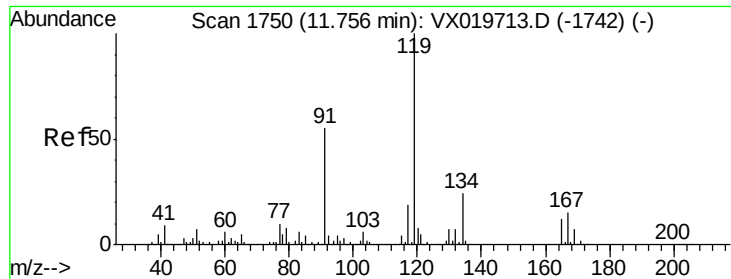
Tgt Ion: 91 Resp: 2180932

Ion Ratio Lower Upper

91 100

126 29.6 14.9 44.5

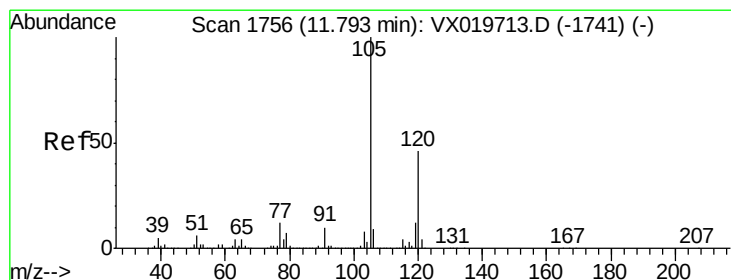
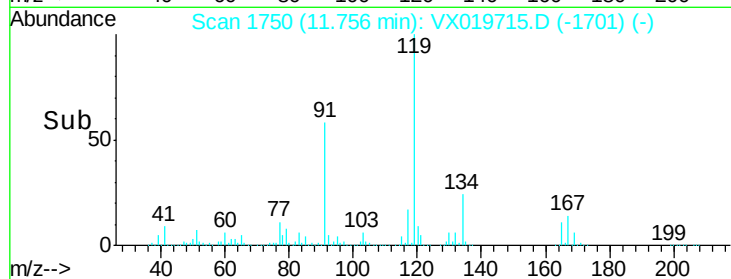
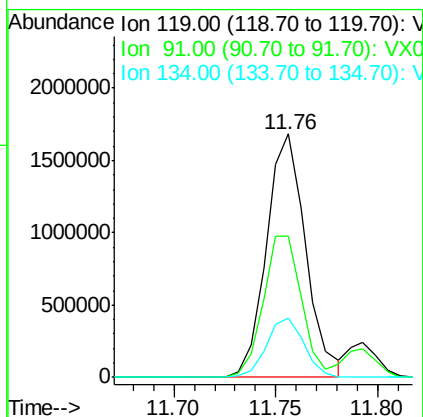
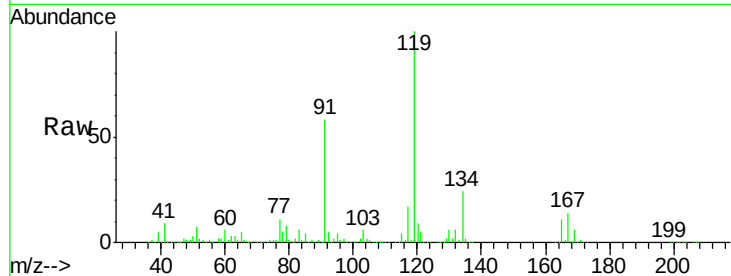




#83
 tert-Butylbenzene
 Concen: 144.730 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

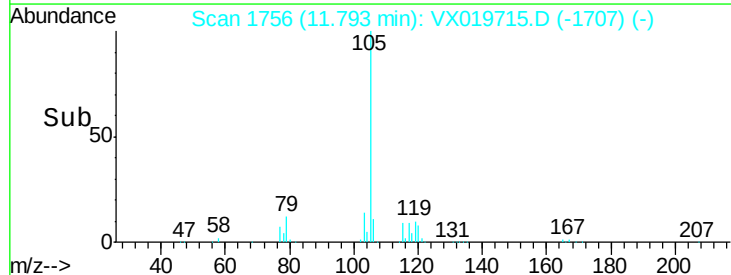
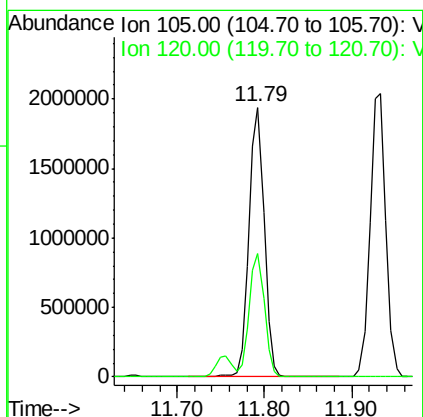
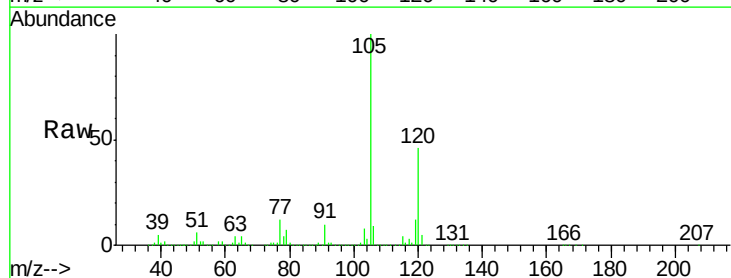
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

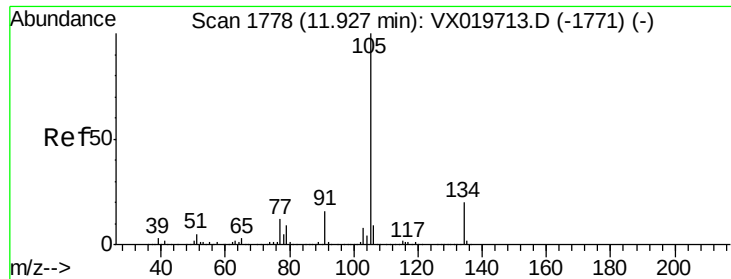
Tgt Ion:119 Resp: 2255440
 Ion Ratio Lower Upper
 119 100
 91 56.5 27.9 83.7
 134 23.2 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 145.926 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

Tgt Ion:105 Resp: 2321133
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 145.887 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

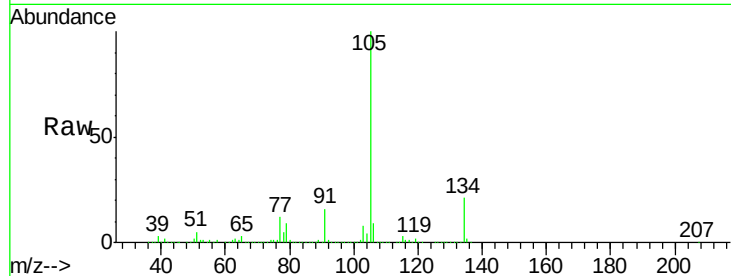
VSTDIC150

Tgt Ion:105 Resp: 2582091

Ion Ratio Lower Upper

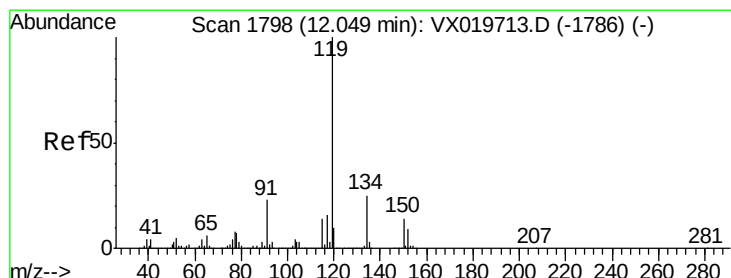
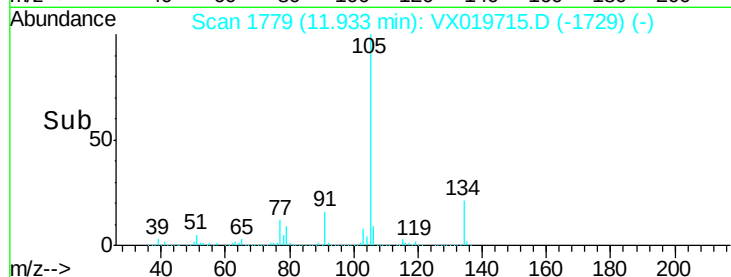
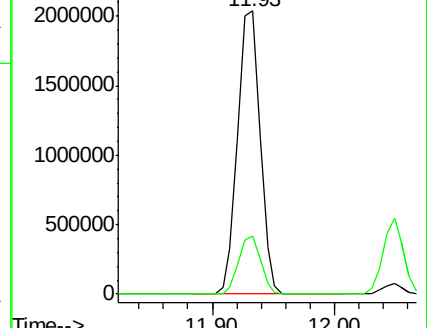
105 100

134 20.2 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 146.733 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

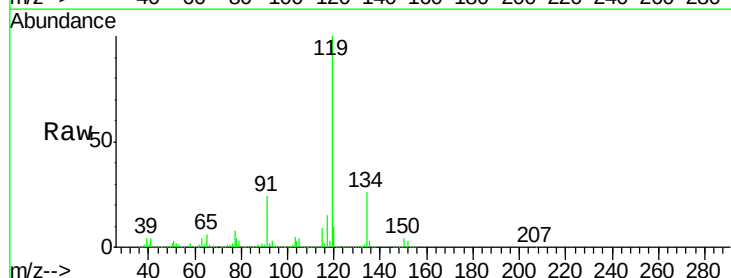
Tgt Ion:119 Resp: 2396480

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.7

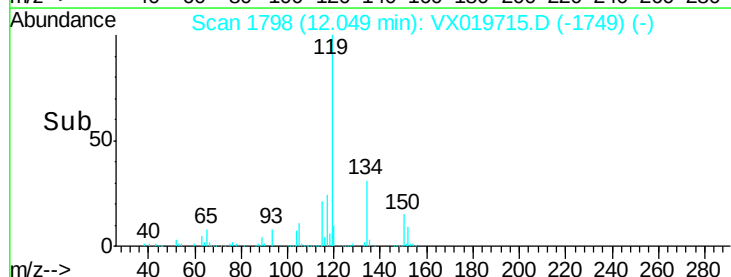
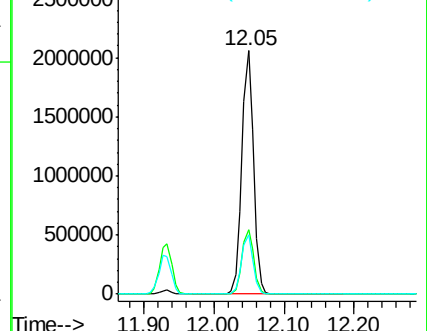
91 24.0 11.7 35.0

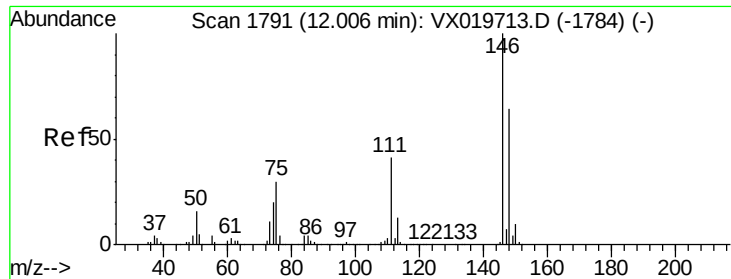


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

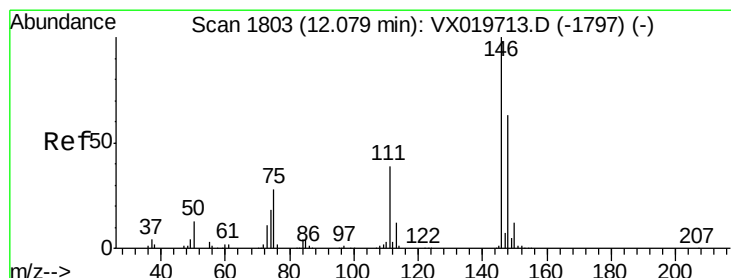
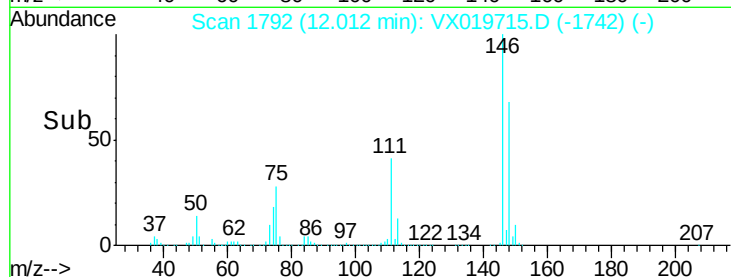
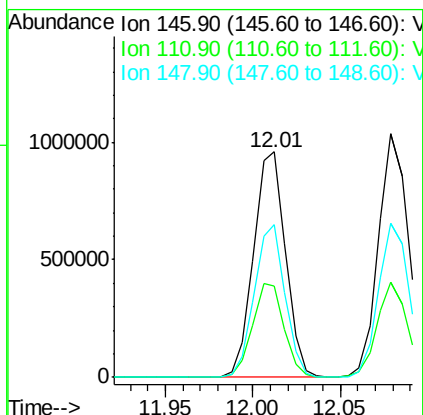
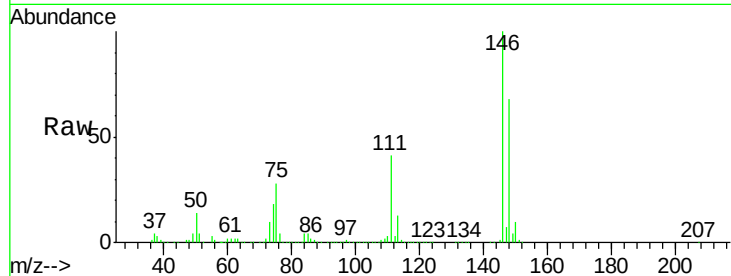




#87
 1,3-Dichlorobenzene
 Concen: 138.706 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

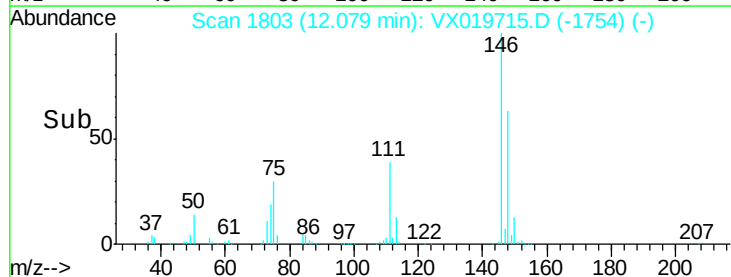
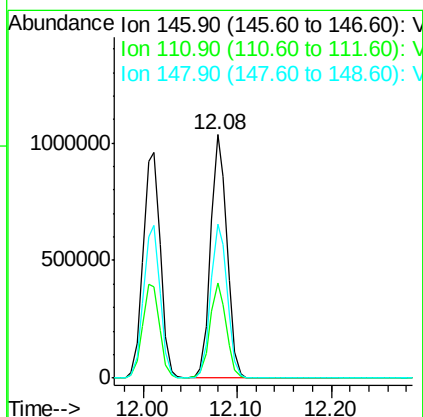
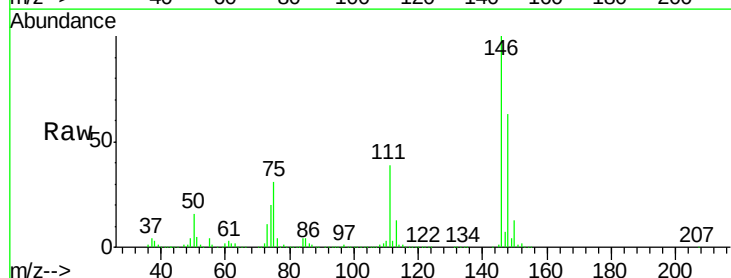
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

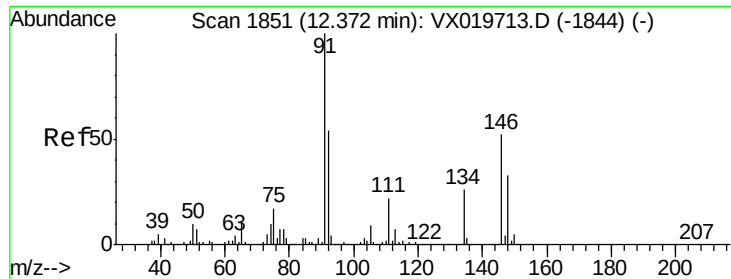
Tgt Ion:146 Resp: 1217193
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.2 60.5
 148 65.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 138.420 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

Tgt Ion:146 Resp: 1240824
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.6 58.8
 148 64.3 31.6 95.0





#89

n-Butylbenzene

Concen: 153.293 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

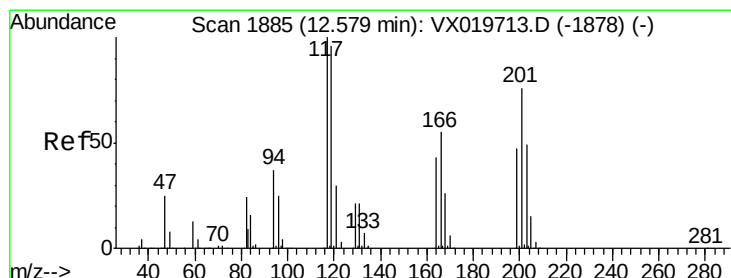
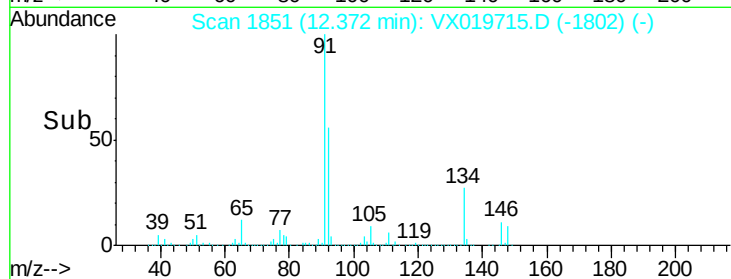
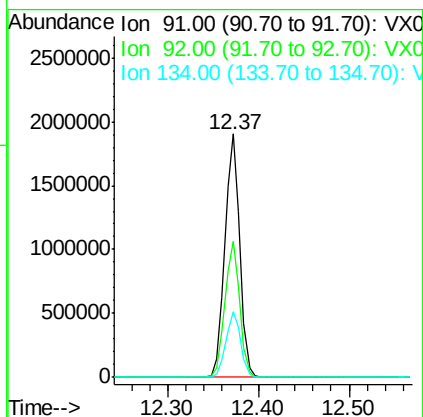
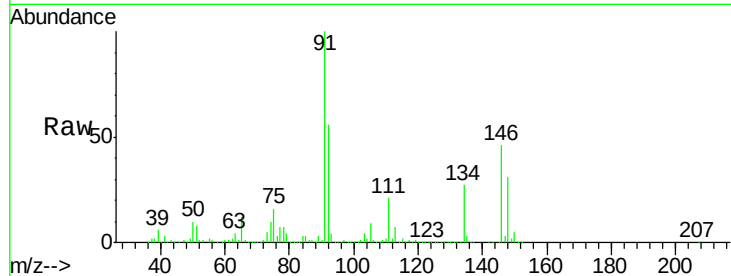
Tgt Ion: 91 Resp: 2193787

Ion Ratio Lower Upper

91 100

92 55.8 27.4 82.0

134 26.8 13.2 39.5



#90

Hexachloroethane

Concen: 159.657 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019715.D

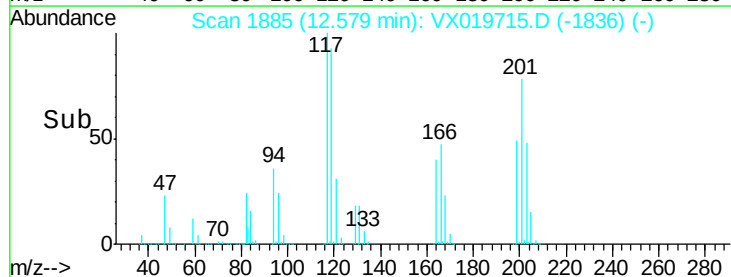
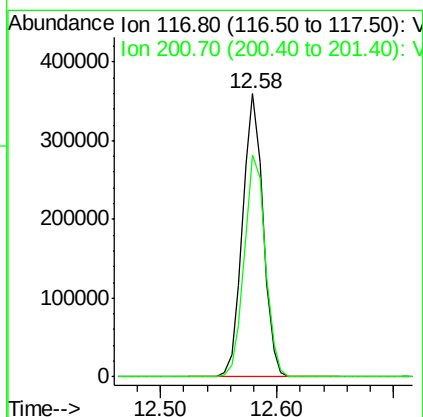
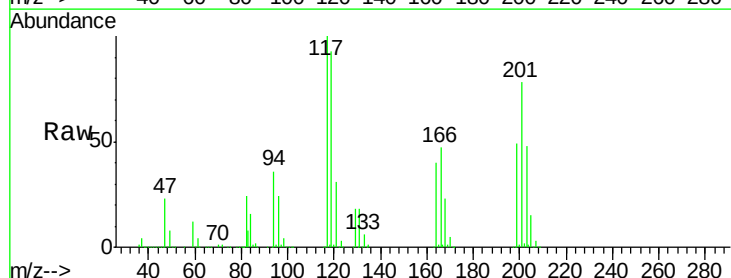
Acq: 04 Dec 2020 13:10

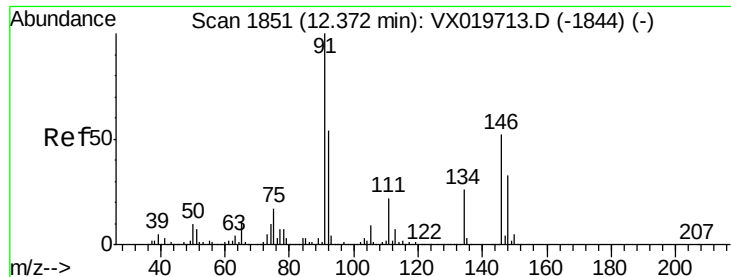
Tgt Ion: 117 Resp: 443383

Ion Ratio Lower Upper

117 100

201 80.6 40.4 121.2

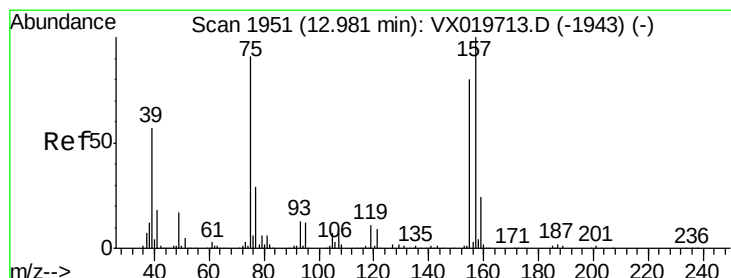
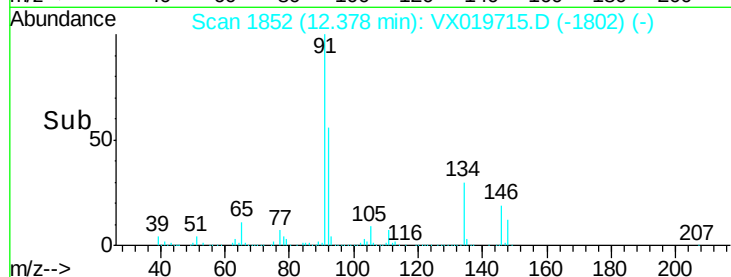
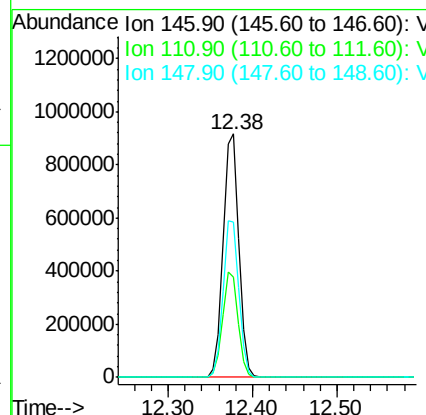
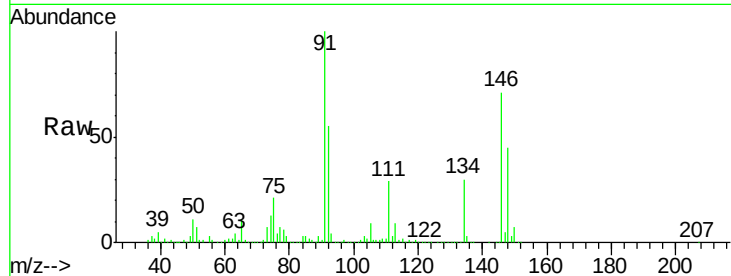




#91
 1,2-Dichlorobenzene
 Concen: 138.429 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

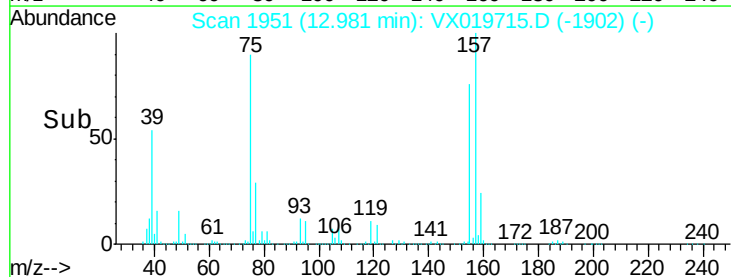
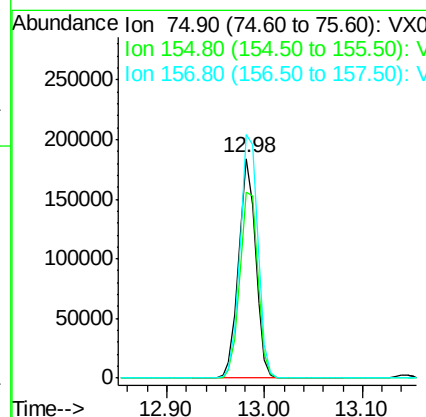
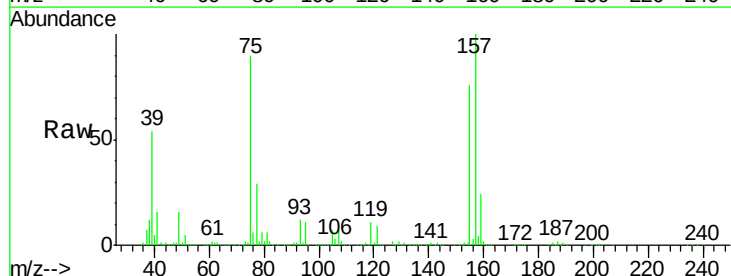
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

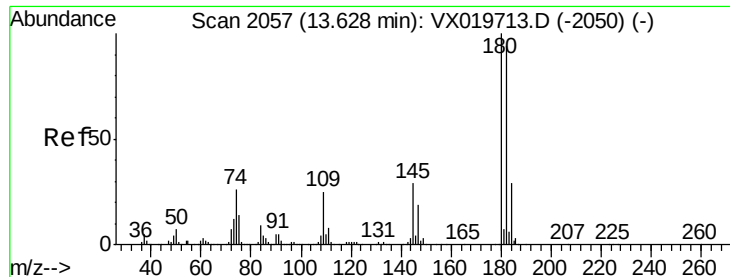
Tgt Ion:146 Resp: 1189244
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.8 62.2
 148 64.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 156.647 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019715.D
 Acq: 04 Dec 2020 13:10

Tgt Ion: 75 Resp: 222990
 Ion Ratio Lower Upper
 75 100
 155 89.9 45.3 135.9
 157 116.1 57.7 173.1

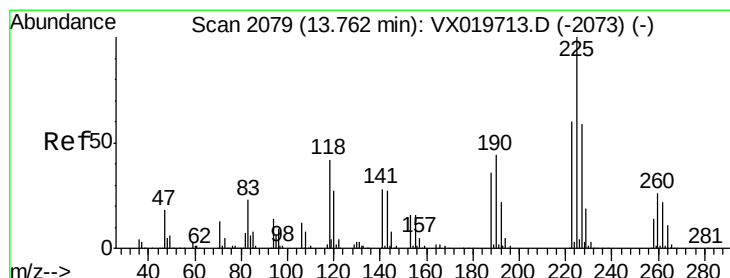
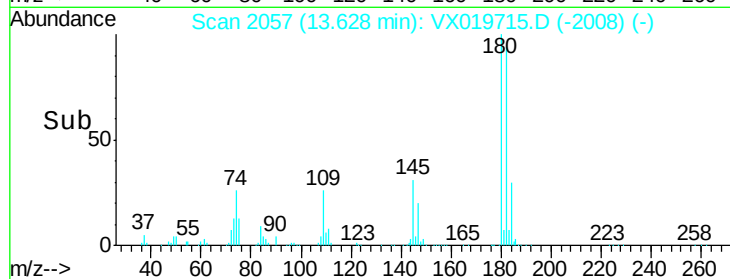
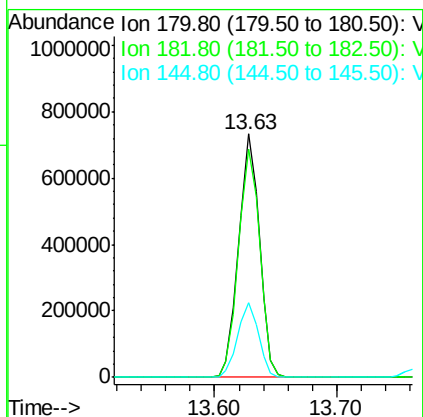
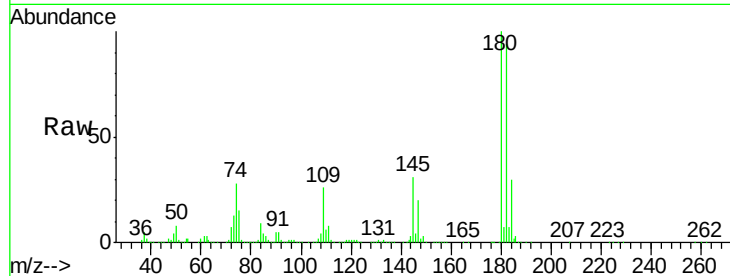




#93
1,2,4-Trichlorobenzene
Concen: 154.088 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

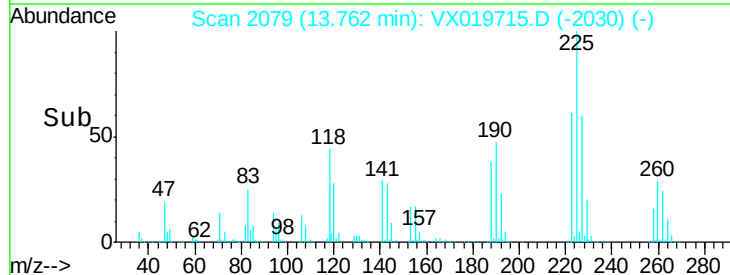
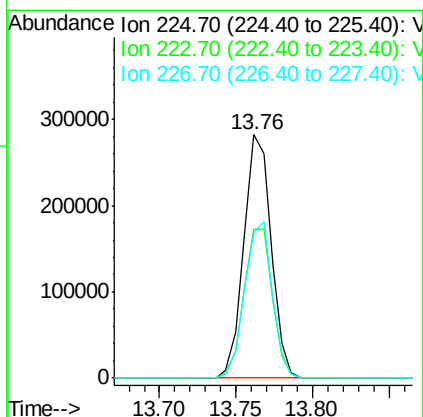
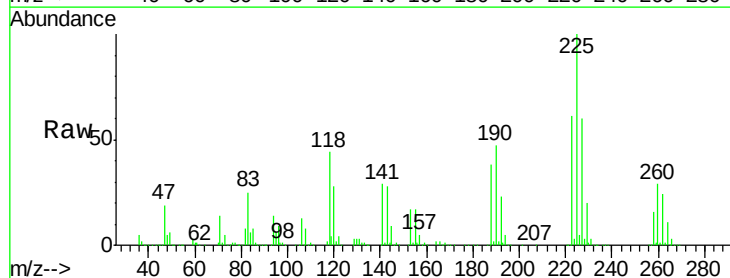
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

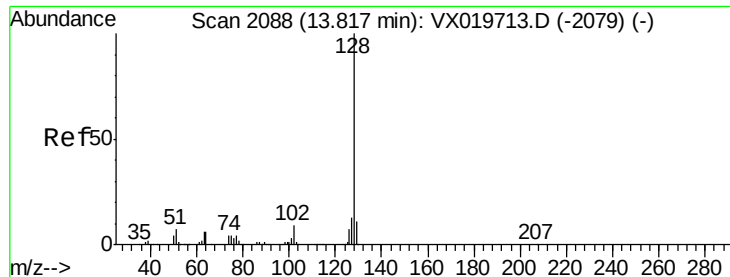
Tgt Ion:180 Resp: 857906
Ion Ratio Lower Upper
180 100
182 96.3 47.7 143.1
145 31.0 15.0 45.0



#94
Hexachlorobutadiene
Concen: 148.053 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX019715.D
Acq: 04 Dec 2020 13:10

Tgt Ion:225 Resp: 349763
Ion Ratio Lower Upper
225 100
223 63.7 31.1 93.2
227 64.7 31.6 95.0





#95

Naphthalene

Concen: 155.642 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

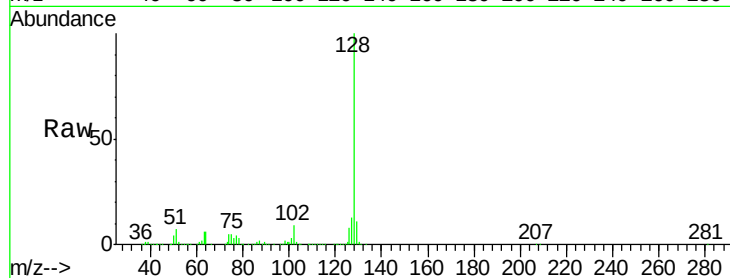
Tgt Ion:128 Resp: 2811967

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

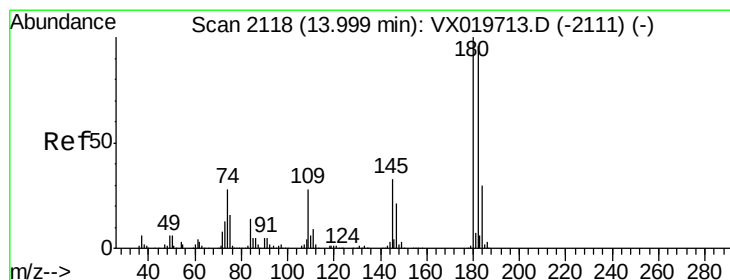
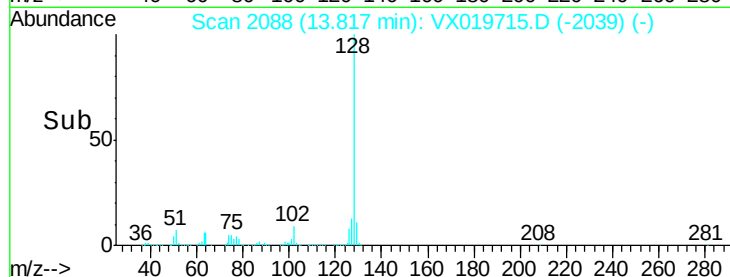
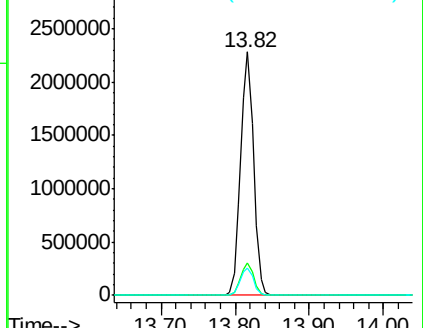
129 11.2 8.8 13.2



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: 149.208 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019715.D

Acq: 04 Dec 2020 13:10

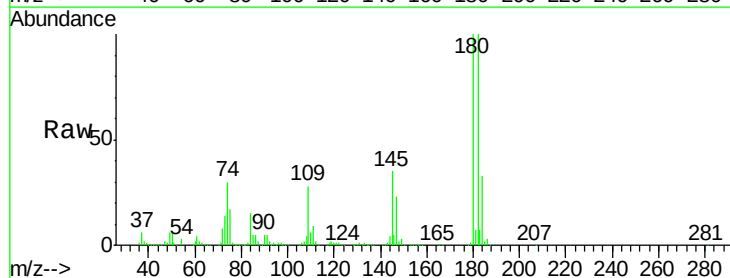
Tgt Ion:180 Resp: 824062

Ion Ratio Lower Upper

180 100

182 98.8 47.6 142.9

145 33.1 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

