

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX120420\
 Data File : VX019714.D
 Acq On : 04 Dec 2020 12:47
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 04 13:29:02 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	331334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	544427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	519481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	261504	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	411007	93.62	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	187.24%#	
35) Dibromofluoromethane		5.46	113	335524	94.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	188.16%#	
50) Toluene-d8		8.70	98	1301592	95.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	190.56%#	
62) 4-Bromofluorobenzene		11.12	95	518141	100.20	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	200.40%#	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	304154	93.899	ug/l	99
3) Chloromethane	1.31	50	333430	74.940	ug/l	100
4) Vinyl Chloride	1.39	62	373015	93.174	ug/l	100
5) Bromomethane	1.62	94	113568	79.424	ug/l	100
6) Chloroethane	1.70	64	228554	44.878	ug/l	98
7) Trichlorofluoromethane	1.90	101	512429	92.634	ug/l	96
8) Diethyl Ether	2.17	74	213935	92.008	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	291024	88.651	ug/l	99
10) Methyl Iodide	2.48	142	451297	100.317	ug/l	99
11) Tert butyl alcohol	3.03	59	433363	445.066	ug/l	99
12) 1,1-Dichloroethene	2.35	96	298743	90.797	ug/l	96
13) Acrolein	2.27	56	242620	433.417	ug/l	100
14) Allyl chloride	2.70	41	508374	96.098	ug/l	99
15) Acrylonitrile	3.11	53	969979	476.628	ug/l	100
16) Acetone	2.42	43	779562	440.739	ug/l	100
17) Carbon Disulfide	2.54	76	842285	94.376	ug/l	99
18) Methyl Acetate	2.75	43	399014	89.803	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1104356	95.203	ug/l	99
20) Methylene Chloride	2.83	84	371045	82.110	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	346682	93.249	ug/l	98
22) Diisopropyl ether	3.82	45	1032156	94.230	ug/l	93
23) Vinyl Acetate	3.78	43	4470630	484.703	ug/l	100
24) 1,1-Dichloroethane	3.67	63	612522	92.304	ug/l	99
25) 2-Butanone	4.63	43	1254501	479.886	ug/l	99
26) 2,2-Dichloropropane	4.55	77	541784	97.809	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	402512	92.934	ug/l	99
28) Bromochloromethane	4.98	49	292570	96.725	ug/l	99
29) Tetrahydrofuran	5.09	42	803384	480.538	ug/l	100
30) Chloroform	5.17	83	630610	92.511	ug/l	100
31) Cyclohexane	5.54	56	535625	92.327	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	549395	94.402	ug/l	100
36) 1,1-Dichloropropene	5.76	75	477116	94.786	ug/l	100
37) Ethyl Acetate	4.79	43	483981	96.008	ug/l	99
38) Carbon Tetrachloride	5.75	117	474169	94.865	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	571286	96.565	ug/l	100
40) Benzene	6.11	78	1444597	92.031	ug/l	99
41) Methacrylonitrile	5.00	41	262507	94.093	ug/l	98
42) 1,2-Dichloroethane	6.16	62	494714	91.742	ug/l	100
43) Isopropyl Acetate	6.41	43	799977	95.856	ug/l	100
44) Trichloroethene	7.18	130	382661	93.337	ug/l	99
45) 1,2-Dichloropropane	7.49	63	367023	92.967	ug/l	99
46) Dibromomethane	7.63	93	251409	94.940	ug/l	99
47) Bromodichloromethane	7.87	83	510486	97.254	ug/l	100
48) Methyl methacrylate	7.74	41	404713	98.112	ug/l	99
49) 1,4-Dioxane	7.71	88	192580	2031.028	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2527676	495.806	ug/l	99
52) Toluene	8.76	92	925657	94.717	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	587661	102.098	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	623641	99.126	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	377776	95.582	ug/l	99
56) Ethyl methacrylate	9.16	69	613279	103.303	ug/l	100
57) 1,3-Dichloropropane	9.35	76	631352	94.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1563605	502.713	ug/l	100
59) 2-Hexanone	9.47	43	1952871	506.380	ug/l	100
60) Dibromochloromethane	9.56	129	407974	100.496	ug/l	98
61) 1,2-Dibromoethane	9.65	107	401743	96.768	ug/l	99
64) Tetrachloroethene	9.32	164	321816	89.711	ug/l	97
65) Chlorobenzene	10.12	112	991708	92.081	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	373289	95.380	ug/l	99
67) Ethyl Benzene	10.23	91	1781041	93.765	ug/l	99
68) m/p-Xylenes	10.34	106	1365147	192.183	ug/l	98
69) o-Xylene	10.68	106	665836	96.560	ug/l	99
70) Styrene	10.70	104	1156322	99.979	ug/l	100
71) Bromoform	10.84	173	310875	102.649	ug/l #	97
73) Isopropylbenzene	11.00	105	1761031	96.699	ug/l	100
74) N-amyl acetate	10.88	43	729352	99.749	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	600882	91.114	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	717378	119.696	ug/l	89
77) Bromobenzene	11.24	156	453230	96.035	ug/l	98
78) n-propylbenzene	11.34	91	2066325	98.416	ug/l	100
79) 2-Chlorotoluene	11.40	91	1235628	96.758	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1516693	98.472	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	221827	103.525	ug/l	97
82) 4-Chlorotoluene	11.49	91	1457741	97.926	ug/l	100
83) tert-Butylbenzene	11.76	119	1501083	98.436	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1536579	98.721	ug/l	99
85) sec-Butylbenzene	11.93	105	1718590	99.229	ug/l	100
86) p-Isopropyltoluene	12.05	119	1584281	99.130	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	808895	94.199	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	811007	92.455	ug/l	100
89) n-Butylbenzene	12.37	91	1411169	100.769	ug/l	100
90) Hexachloroethane	12.58	117	281245	103.493	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	769059	91.482	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	139082	99.845	ug/l	97

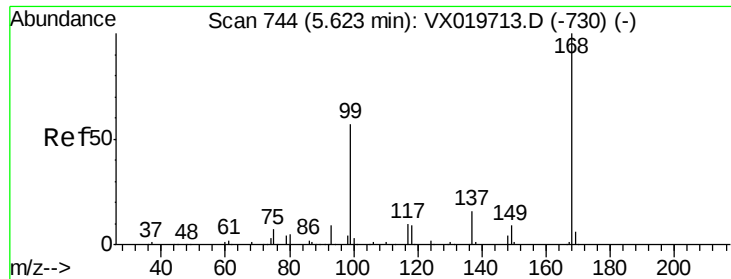
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	537722	98.698	ug/l	99
94) Hexachlorobutadiene	13.76	225	211900	91.663	ug/l	94
95) Naphthalene	13.82	128	1819855	102.937	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	526762	97.469	ug/l	99

(#) = 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: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

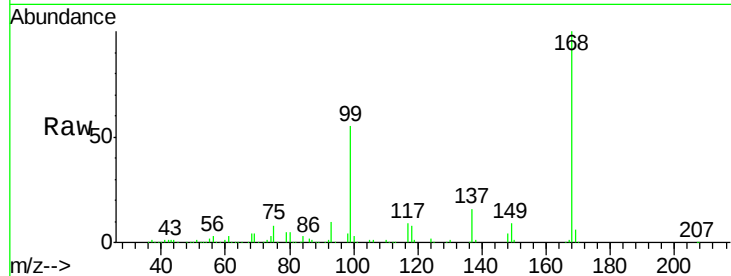
VSTDIC100

Tgt Ion:168 Resp: 331334

Ion Ratio Lower Upper

168 100

99 54.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

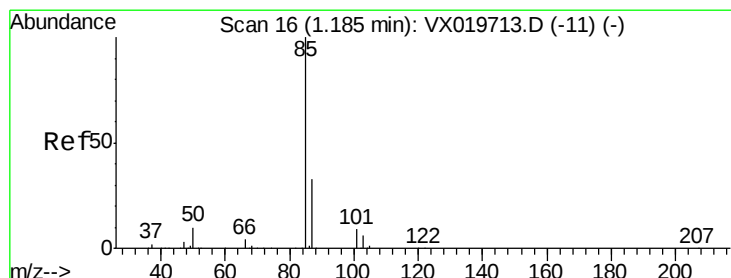
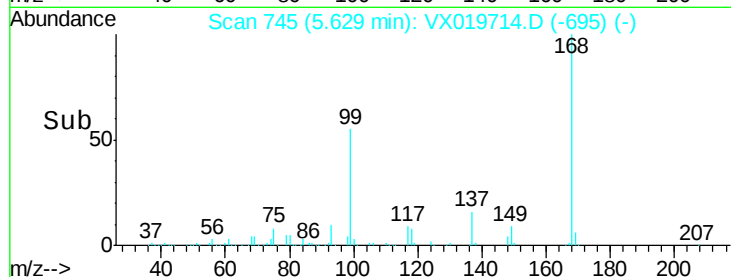
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 93.899 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019714.D

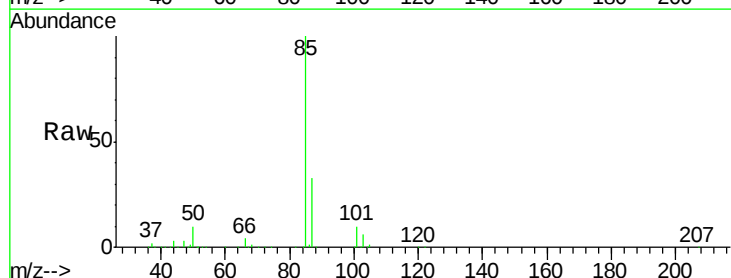
Acq: 04 Dec 2020 12:47

Tgt Ion: 85 Resp: 304154

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

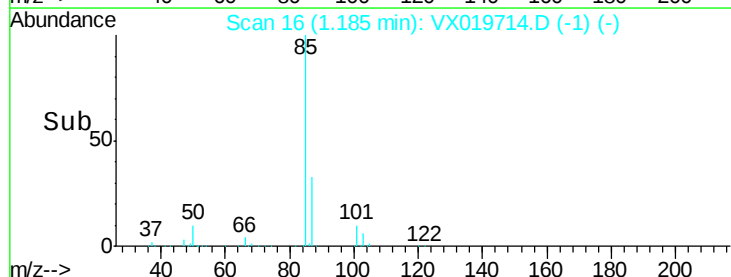
200000

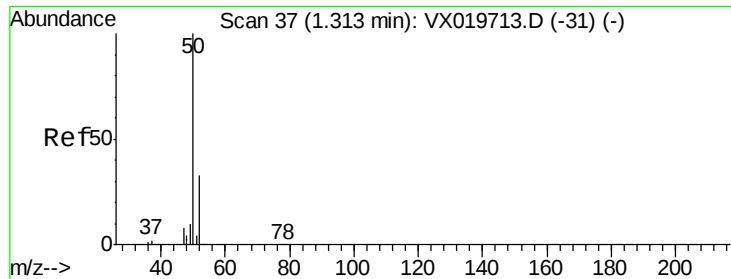
100000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 74.940 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

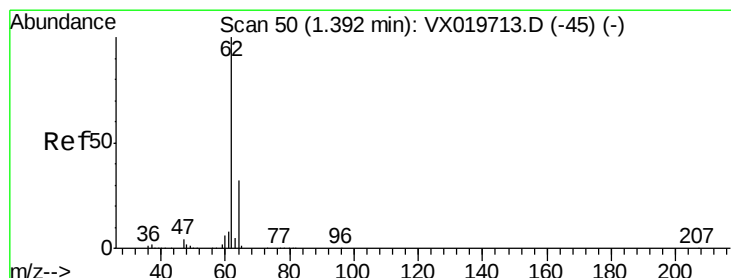
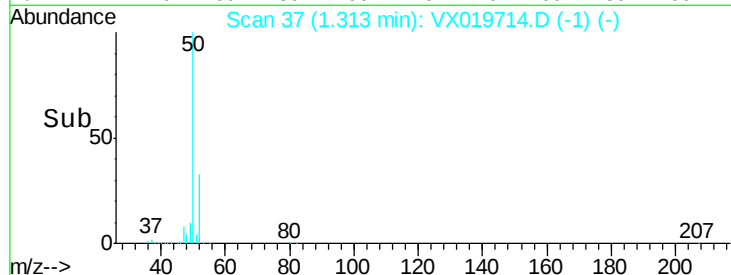
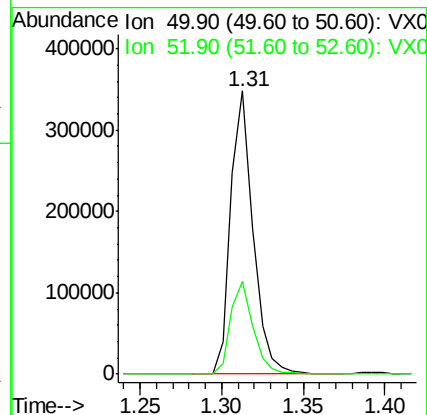
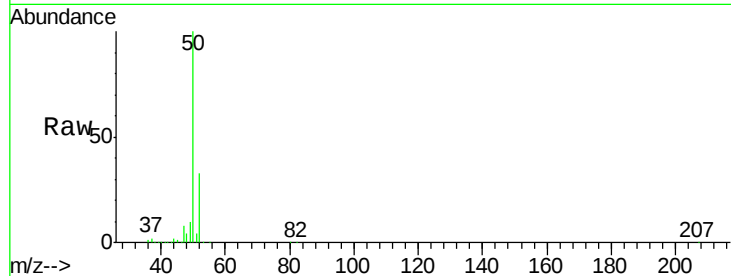
VSTDIC100

Tgt Ion: 50 Resp: 333430

Ion Ratio Lower Upper

50 100

52 32.9 26.4 39.6



#4

Vinyl Chloride

Concen: 93.174 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019714.D

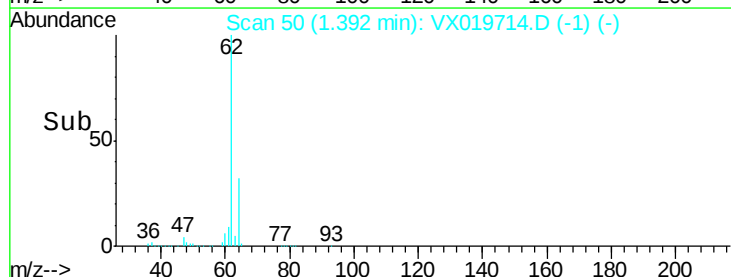
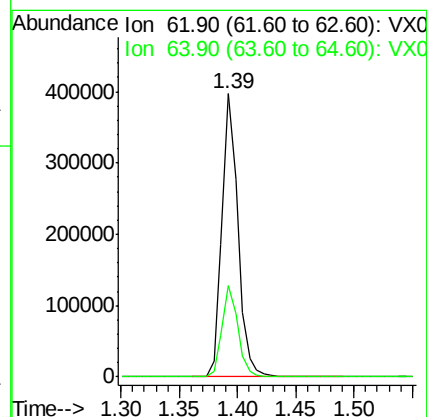
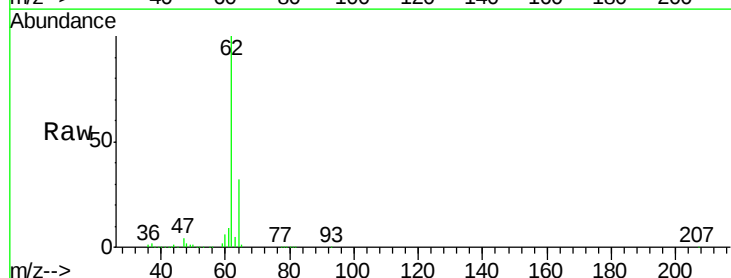
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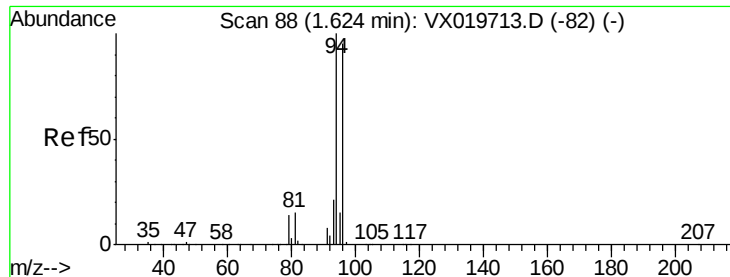
Tgt Ion: 62 Resp: 373015

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 79.424 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

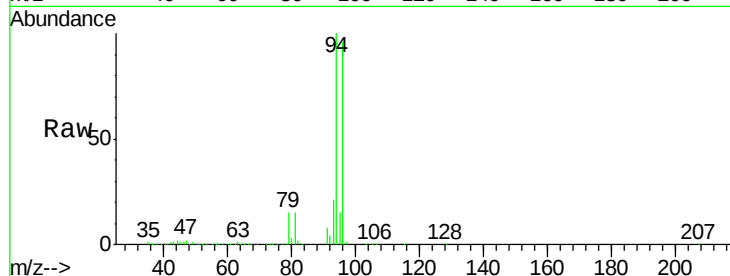
VSTDIC100

Tgt Ion: 94 Resp: 113568

Ion Ratio Lower Upper

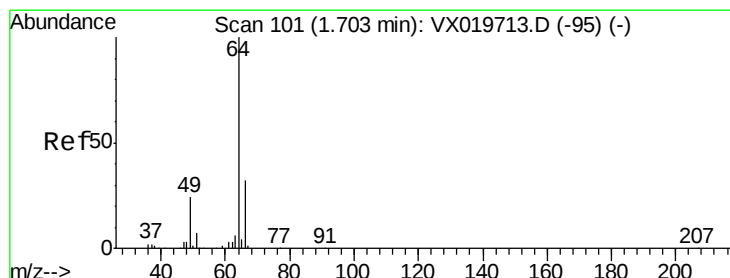
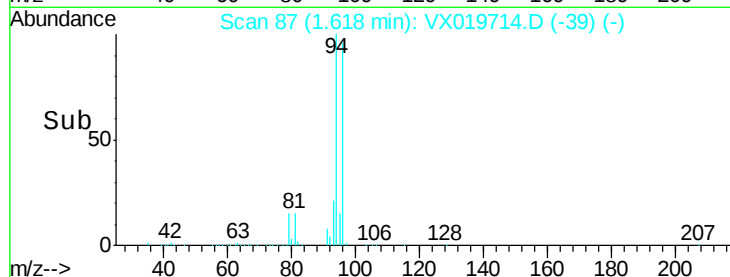
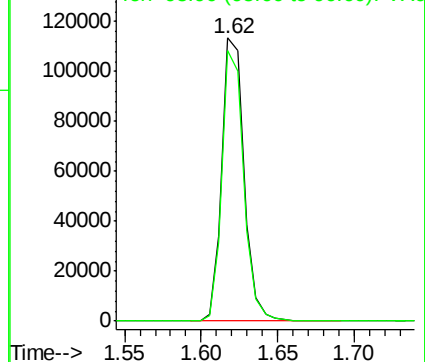
94 100

96 95.8 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.878 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX019714.D

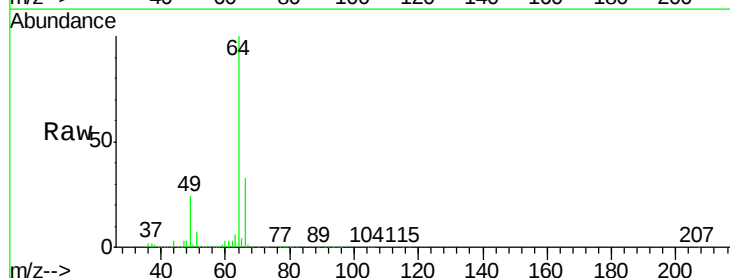
Acq: 04 Dec 2020 12:47

Tgt Ion: 64 Resp: 228554

Ion Ratio Lower Upper

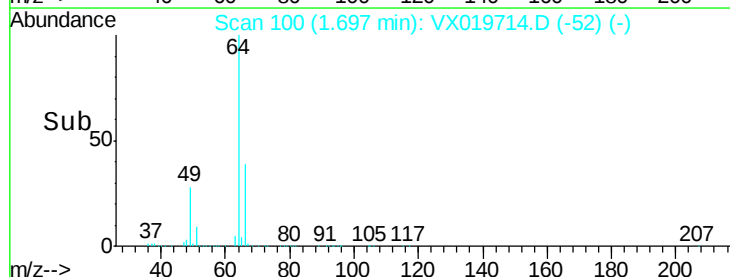
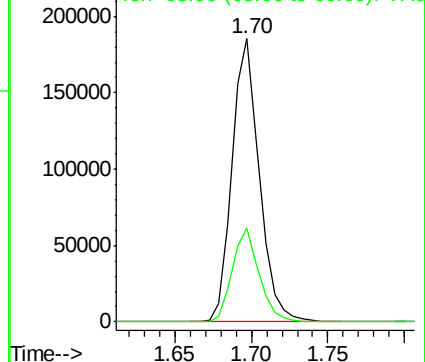
64 100

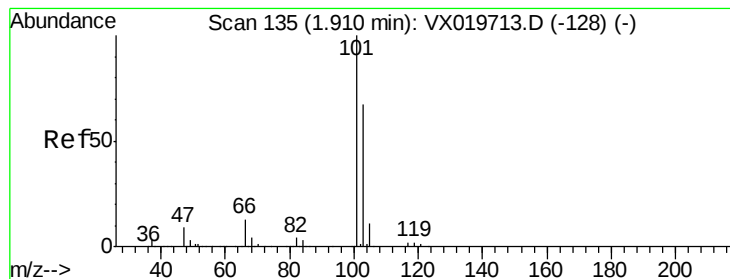
66 33.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



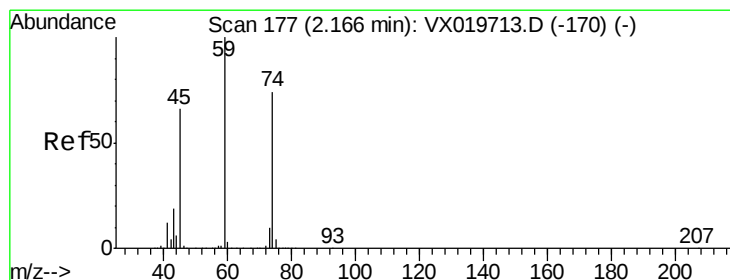
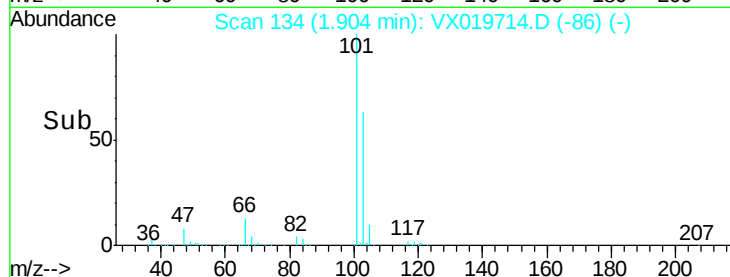
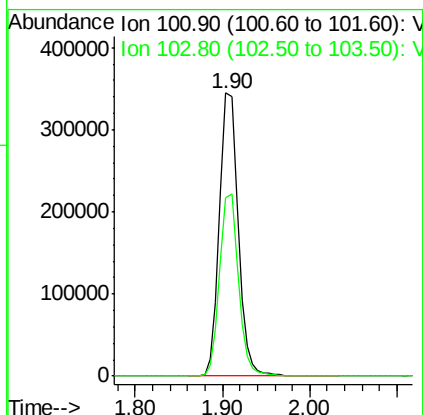
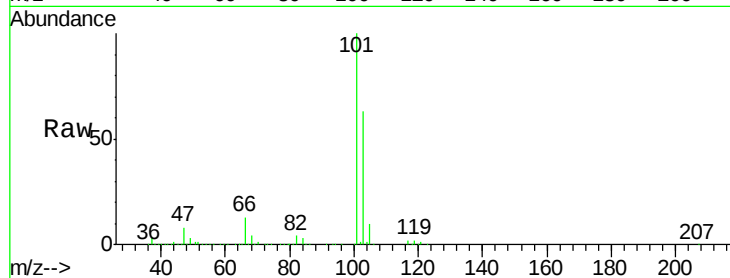


#7

Trichlorofluoromethane
 Concen: 92.634 ug/l
 RT: 1.90 min Scan# 134
 Delta R.T. -0.01 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

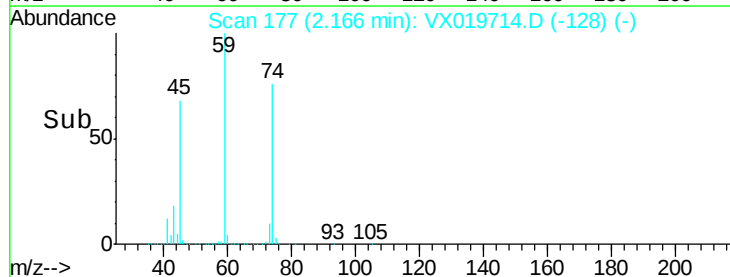
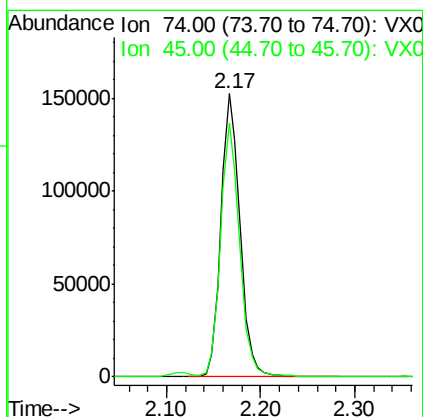
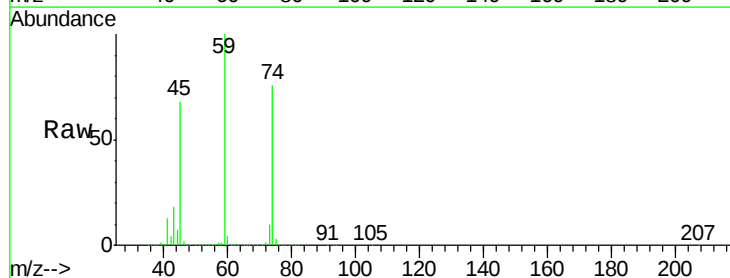
Tgt Ion:101 Resp: 512429
 Ion Ratio Lower Upper
 101 100
 103 63.1 53.2 79.8

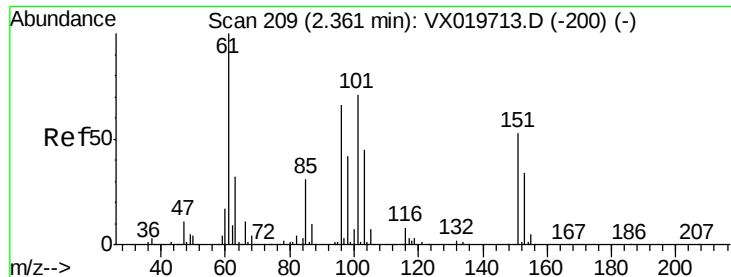


#8

Diethyl Ether
 Concen: 92.008 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion: 74 Resp: 213935
 Ion Ratio Lower Upper
 74 100
 45 88.6 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 88.651 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

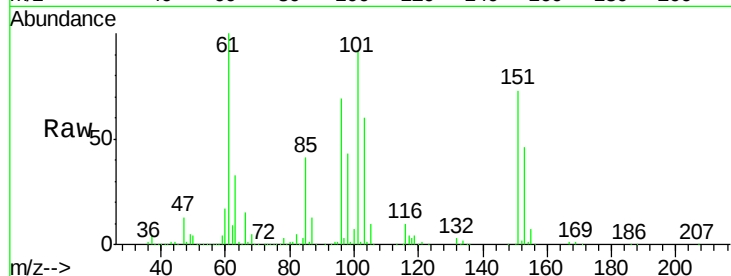
Tgt Ion:101 Resp: 291024

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

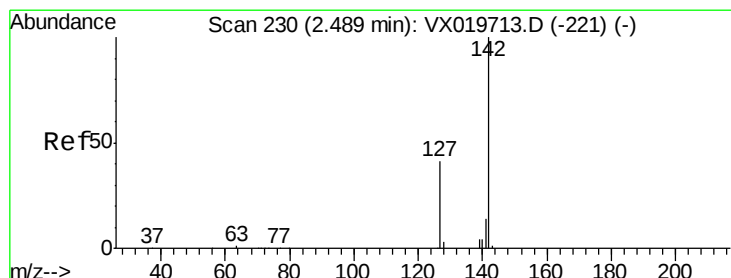
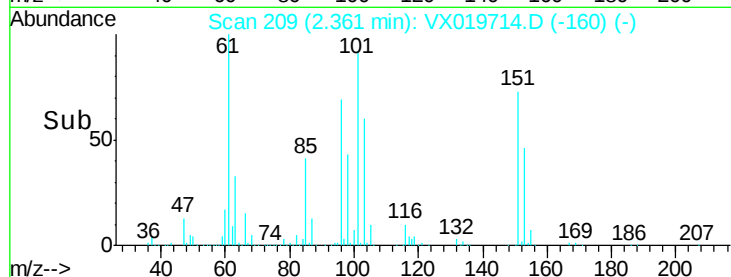
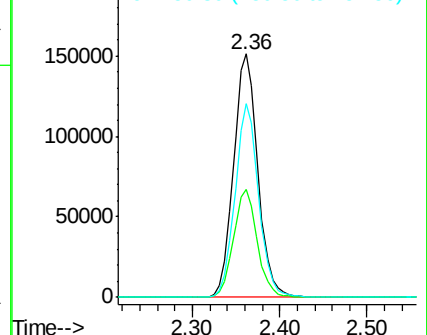
151 77.6 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 100.317 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

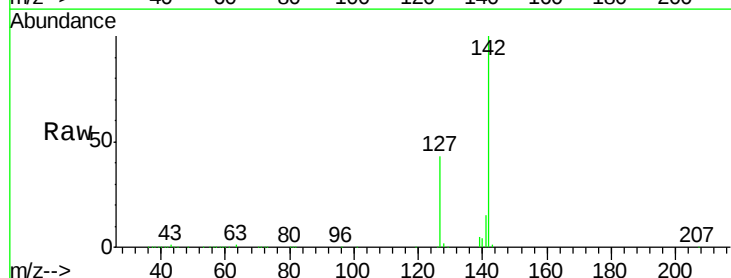
Tgt Ion:142 Resp: 451297

Ion Ratio Lower Upper

142 100

127 42.5 33.3 49.9

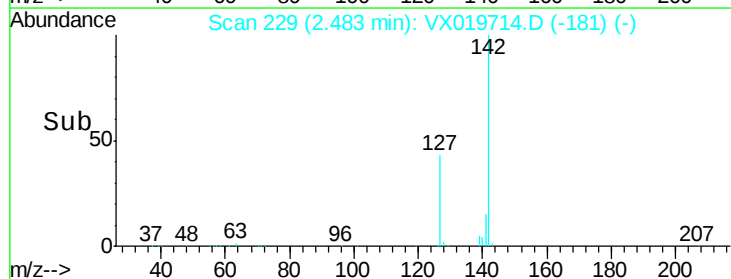
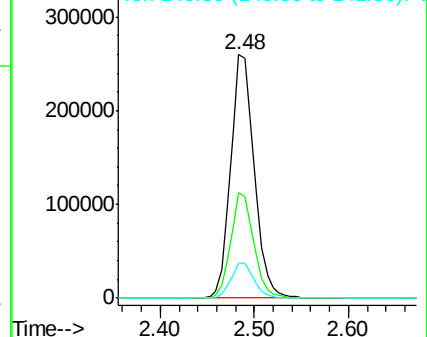
141 14.3 11.4 17.0

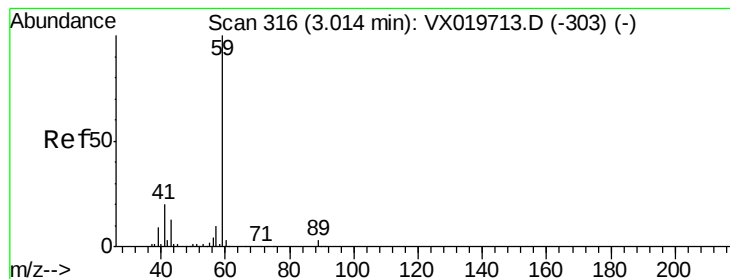


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



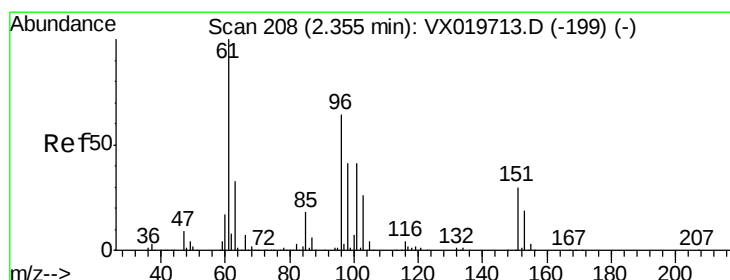
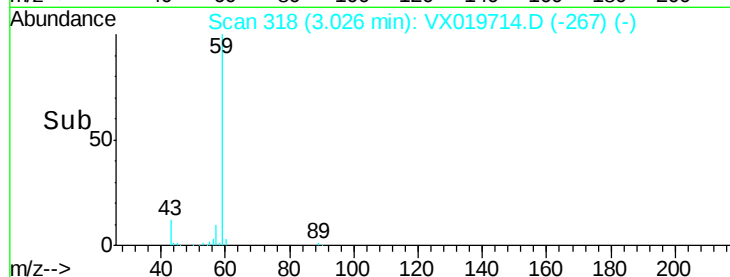
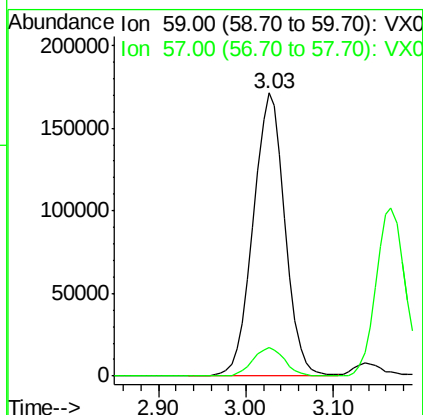
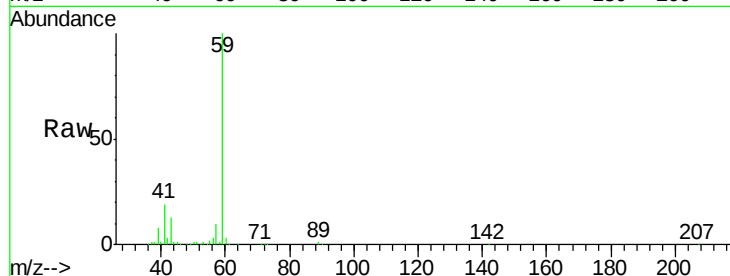


#11

Tert butyl alcohol
Concen: 445.066 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

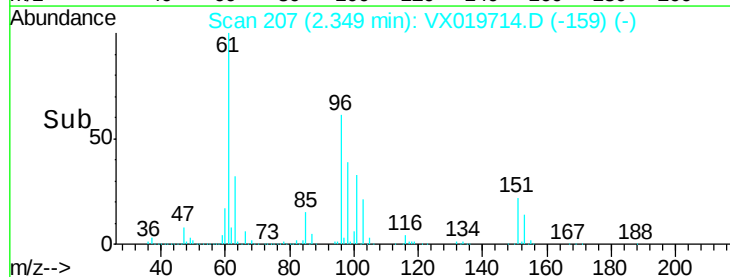
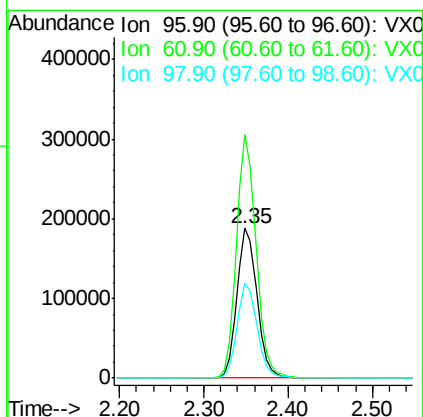
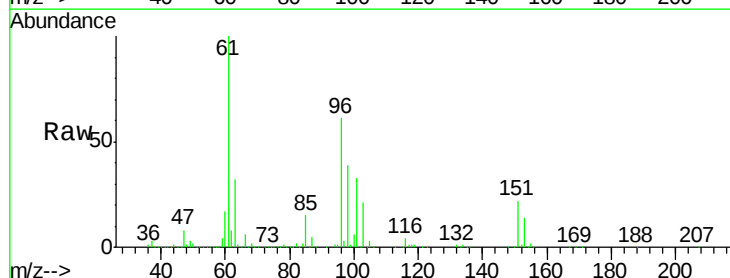
Tgt Ion: 59 Resp: 433363
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8

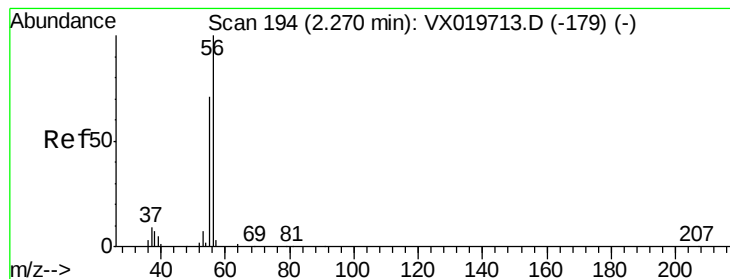


#12

1,1-Dichloroethene
Concen: 90.797 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion: 96 Resp: 298743
Ion Ratio Lower Upper
96 100
61 162.6 124.6 187.0
98 63.1 50.6 76.0





#13

Acrolein

Concen: 433.417 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

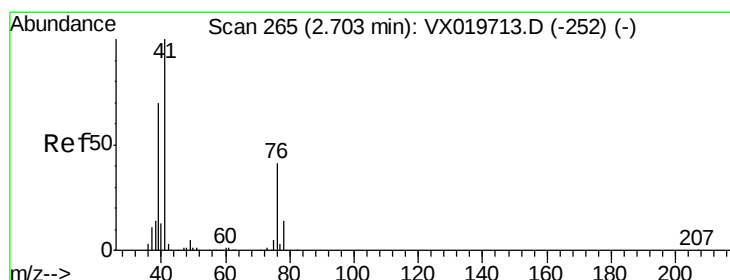
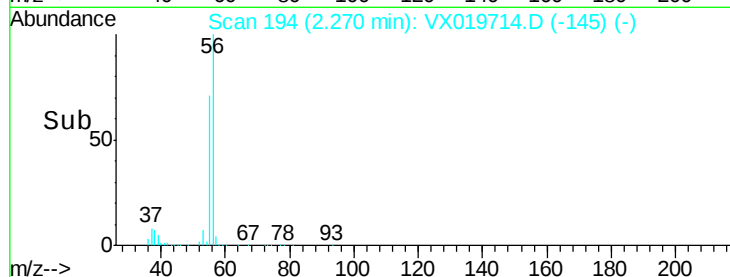
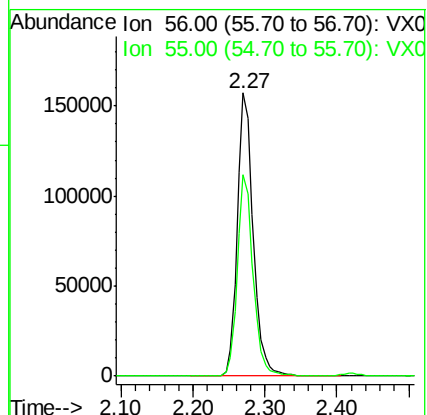
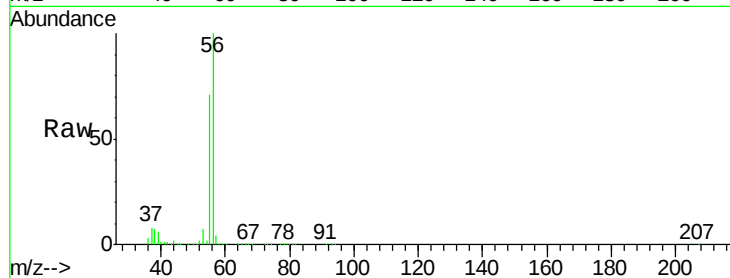
VSTDIC100

Tgt Ion: 56 Resp: 242620

Ion Ratio Lower Upper

56 100

55 70.4 56.4 84.6



#14

Allyl chloride

Concen: 96.098 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

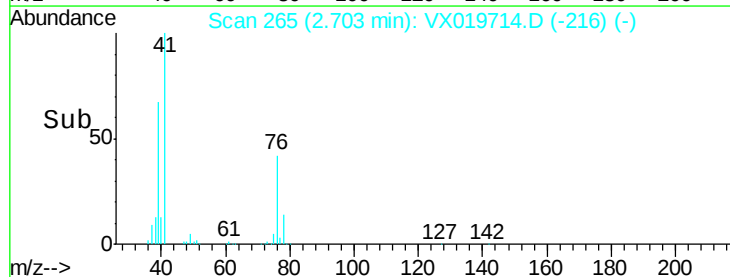
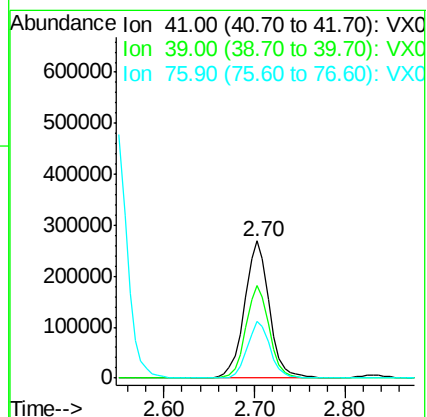
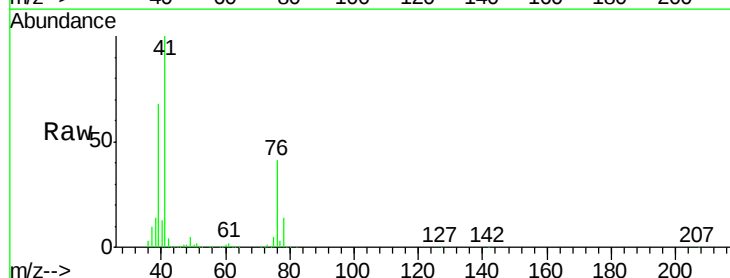
Tgt Ion: 41 Resp: 508374

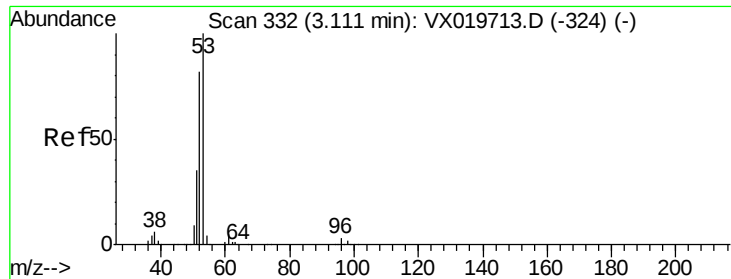
Ion Ratio Lower Upper

41 100

39 63.4 51.6 77.4

76 37.8 30.5 45.7





#15

Acrylonitrile

Concen: 476.628 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

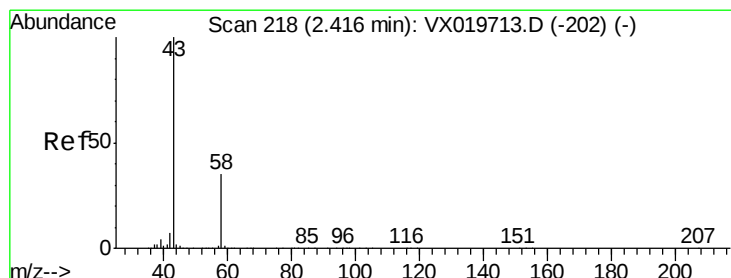
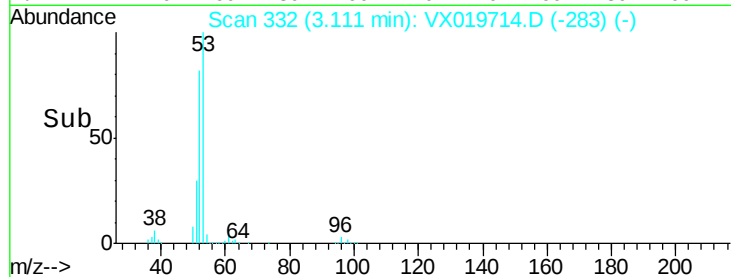
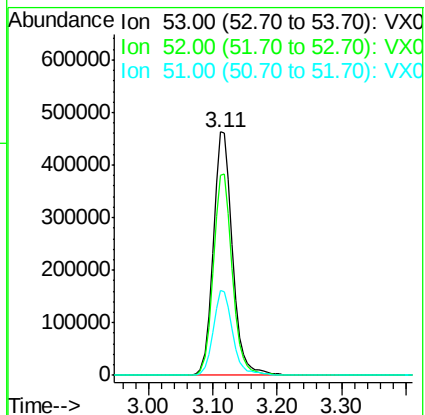
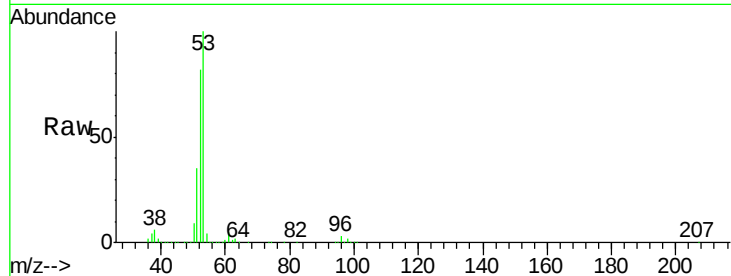
Tgt Ion: 53 Resp: 969979

Ion Ratio Lower Upper

53 100

52 82.0 65.3 97.9

51 35.2 28.2 42.2



#16

Acetone

Concen: 440.739 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX019714.D

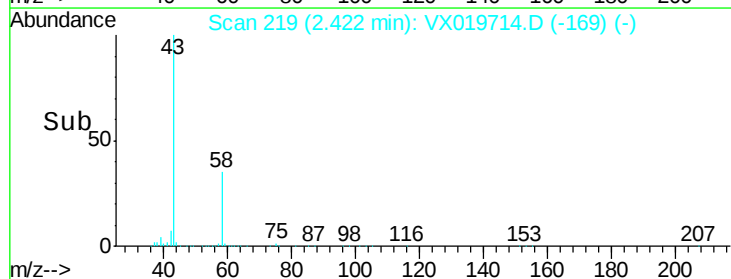
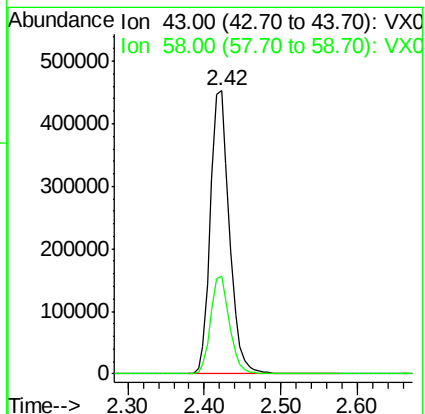
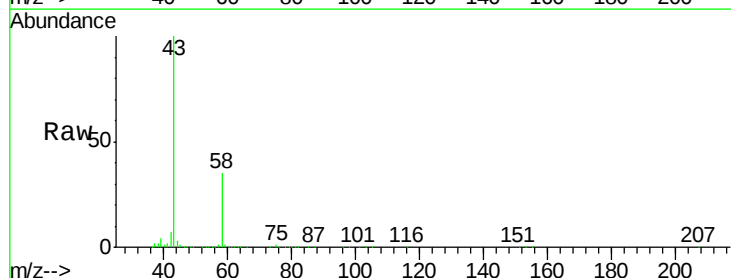
Acq: 04 Dec 2020 12:47

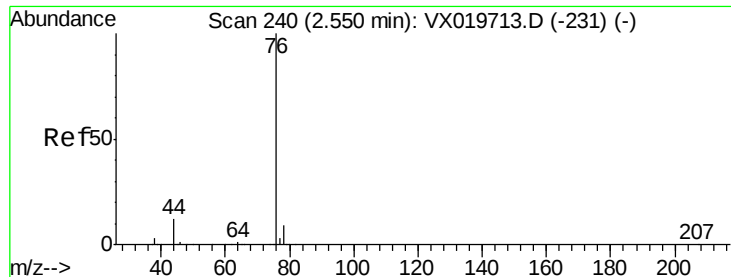
Tgt Ion: 43 Resp: 779562

Ion Ratio Lower Upper

43 100

58 34.6 27.8 41.8

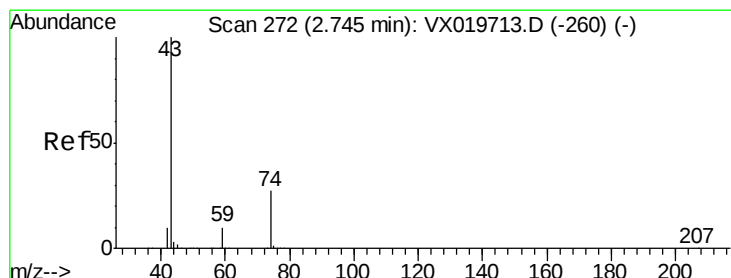
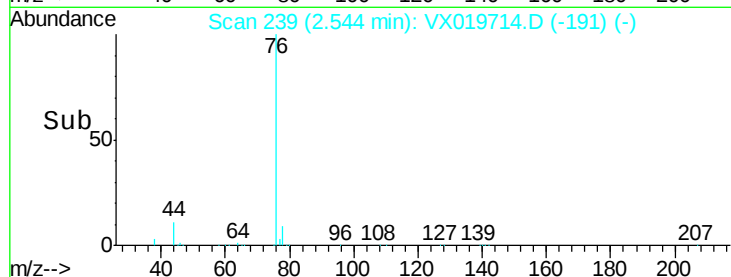
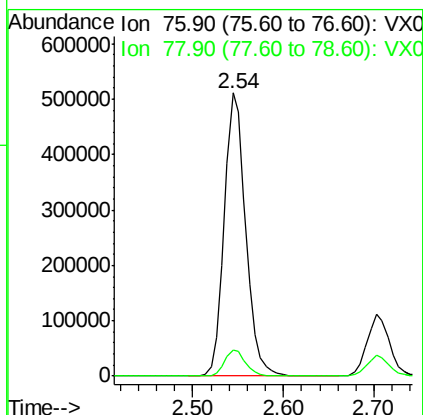
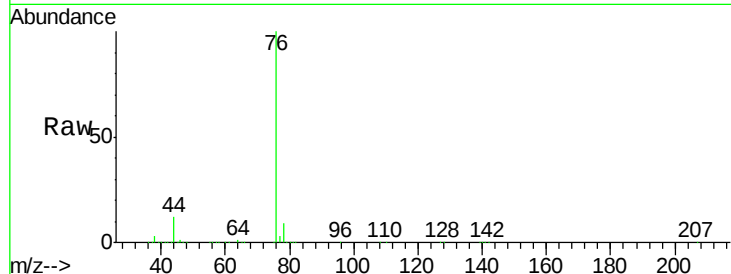




#17
Carbon Disulfide
Concen: 94.376 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

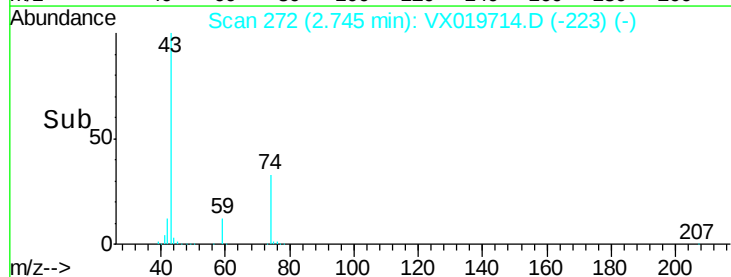
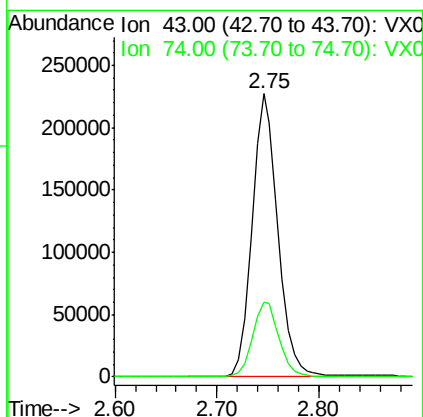
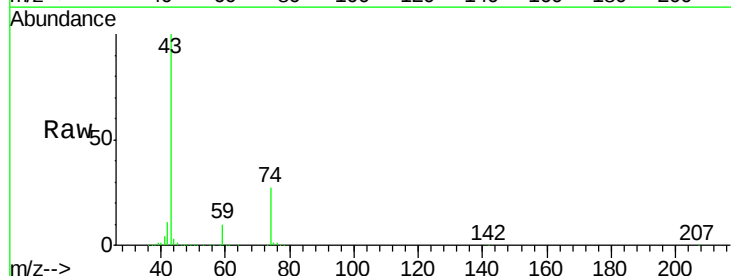
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

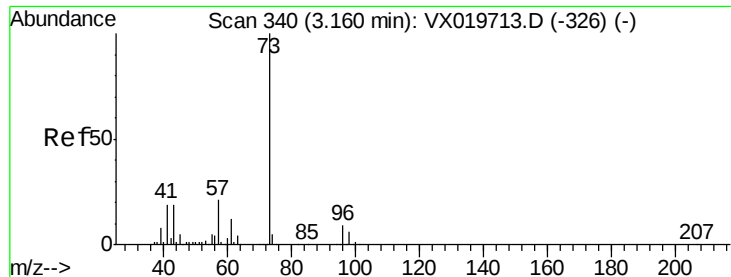
Tgt Ion: 76 Resp: 842285
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 89.803 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion: 43 Resp: 399014
Ion Ratio Lower Upper
43 100
74 27.7 21.9 32.9



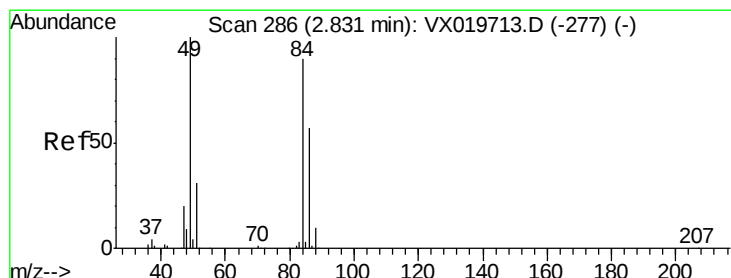
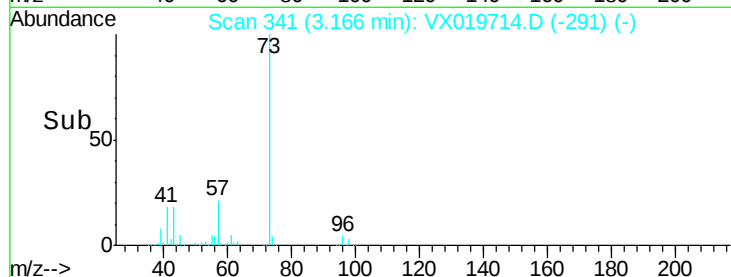
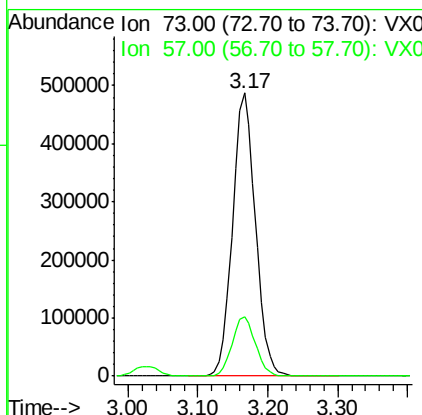
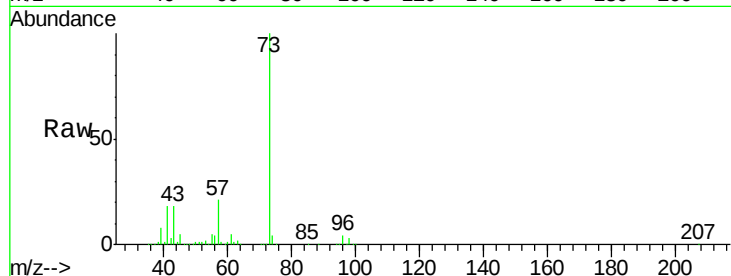


#19

Methyl tert-butyl Ether
 Concen: 95.203 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

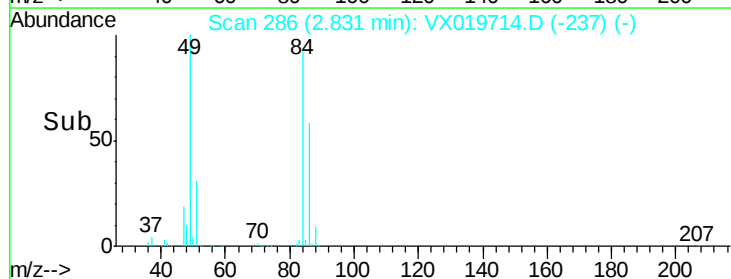
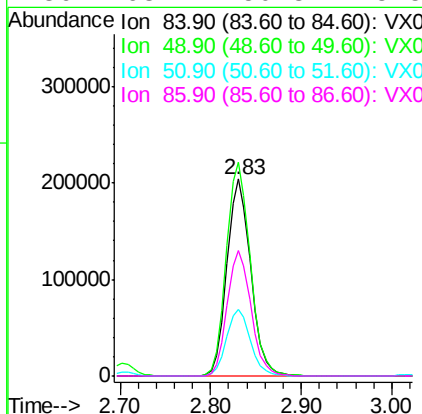
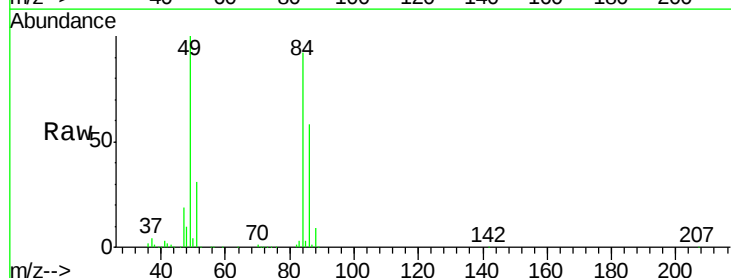
Tgt Ion: 73 Resp: 1104356
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.1 25.7

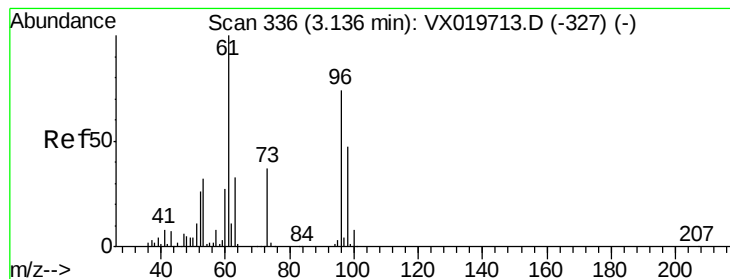


#20

Methylene Chloride
 Concen: 82.110 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion: 84 Resp: 371045
 Ion Ratio Lower Upper
 84 100
 49 108.4 88.6 132.8
 51 33.5 27.0 40.6
 86 63.4 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 93.249 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

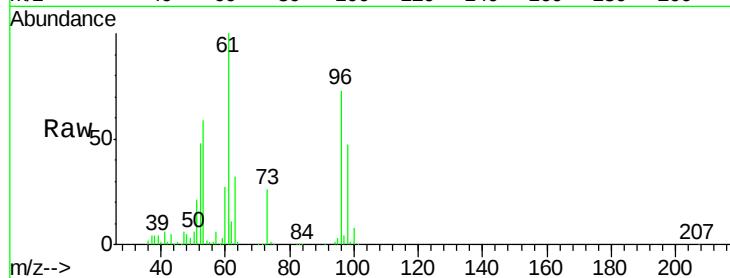
Tgt Ion: 96 Resp: 346682

Ion Ratio Lower Upper

96 100

61 136.4 107.7 161.5

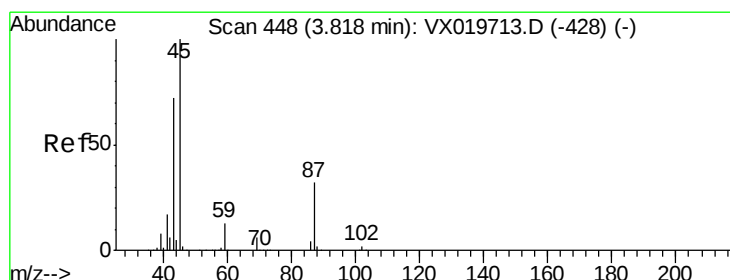
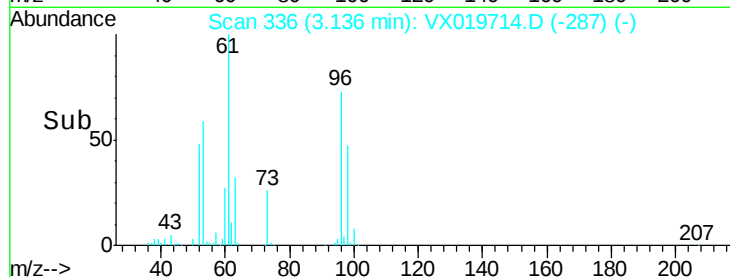
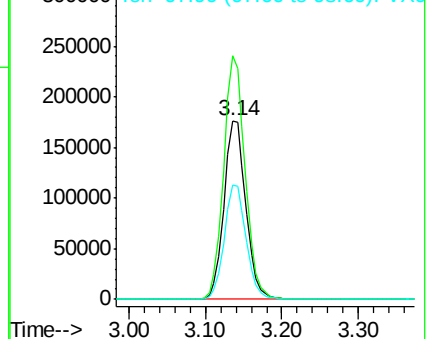
98 64.3 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 94.230 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Tgt Ion: 45 Resp: 1032156

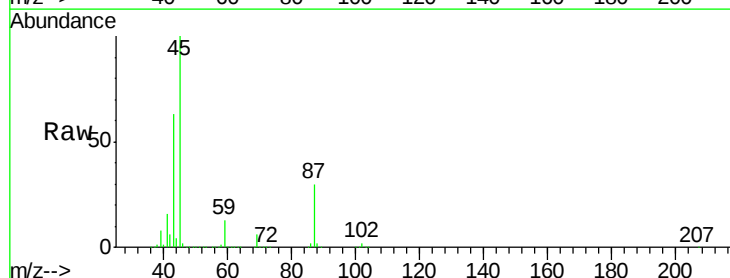
Ion Ratio Lower Upper

45 100

43 63.4 58.0 87.0

87 30.4 25.4 38.0

59 13.1 10.2 15.2

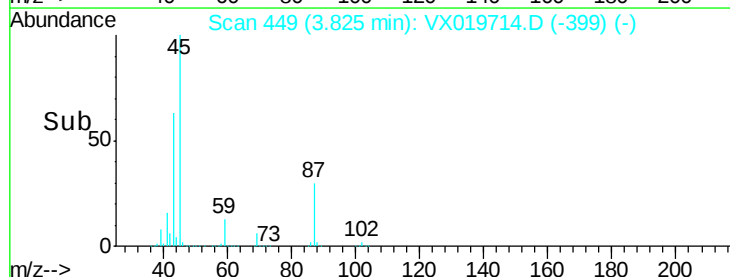
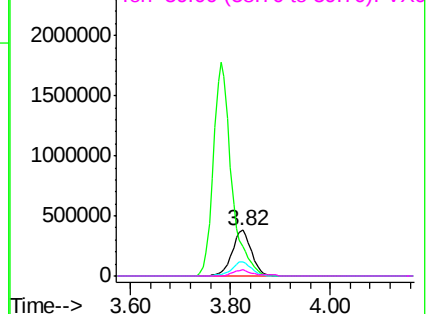


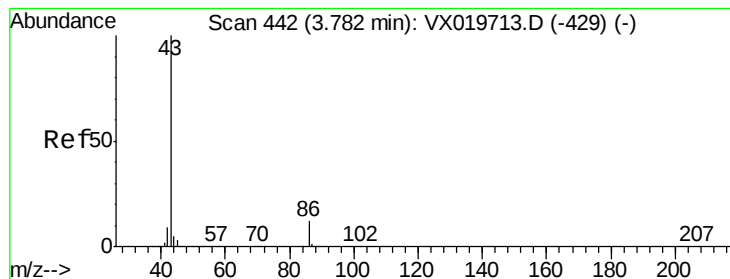
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 484.703 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

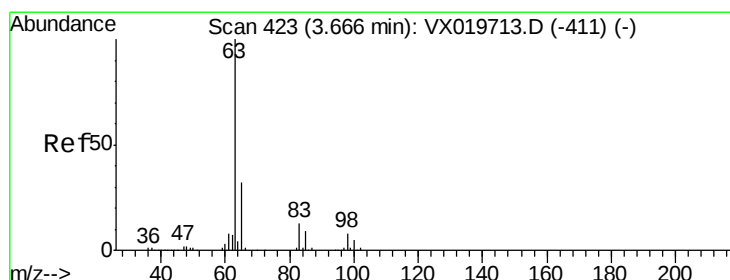
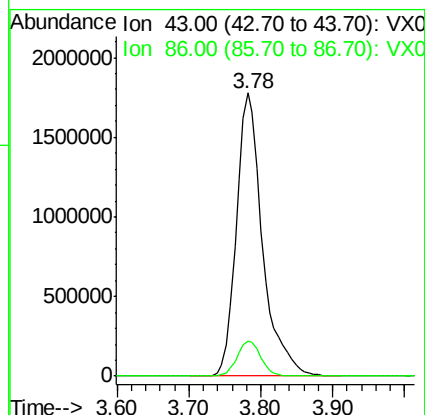
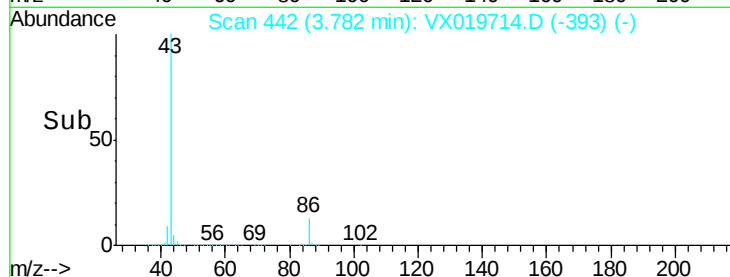
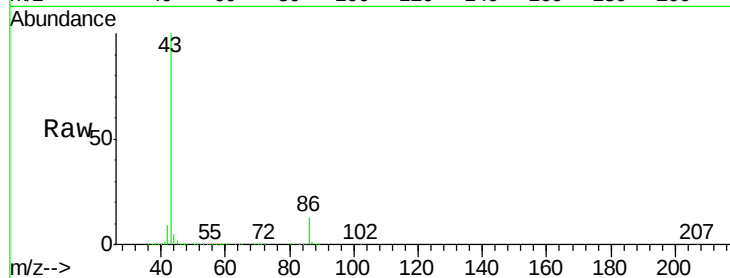
VSTDIC100

Tgt Ion: 43 Resp: 4470630

Ion Ratio Lower Upper

43 100

86 12.5 9.9 14.9



#24

1,1-Dichloroethane

Concen: 92.304 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

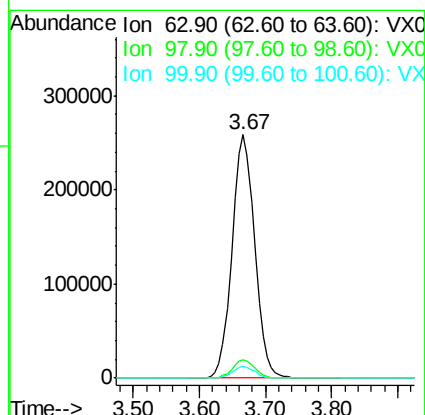
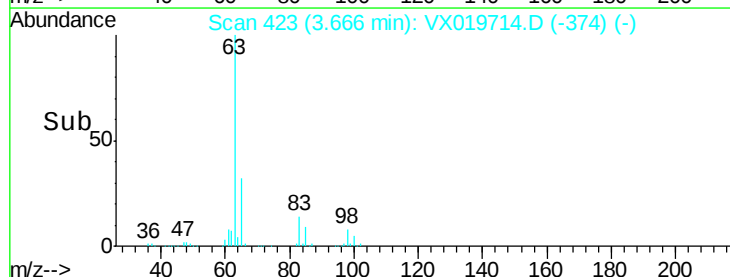
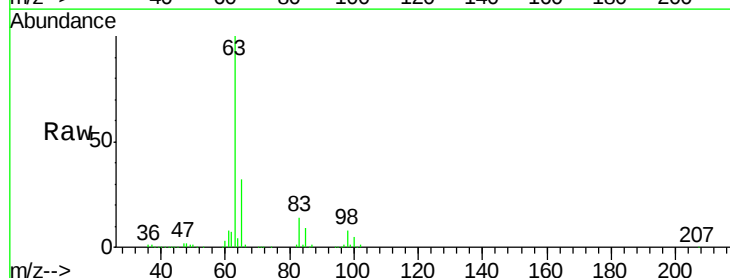
Tgt Ion: 63 Resp: 612522

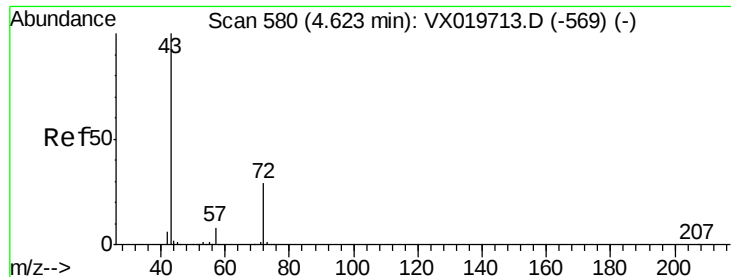
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.2

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 479.886 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

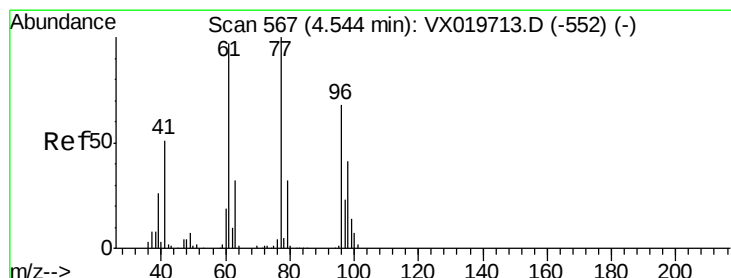
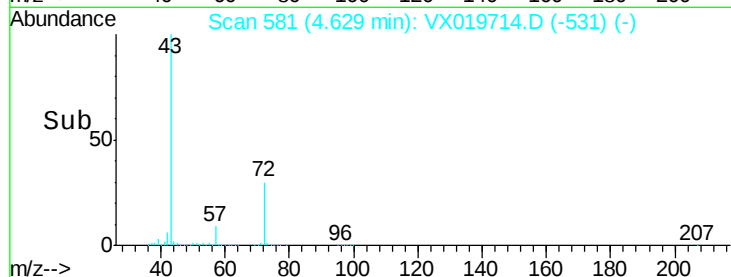
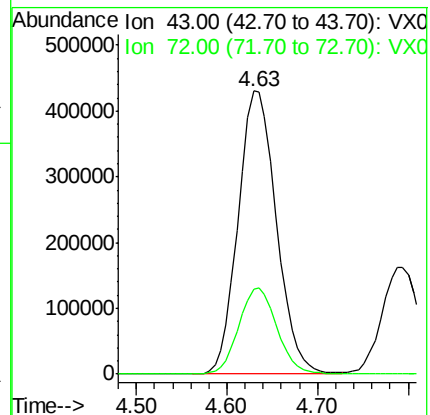
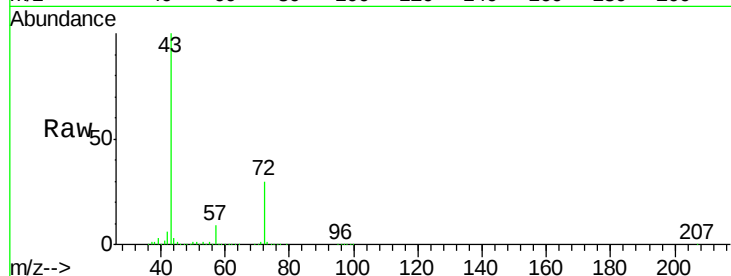
VSTDIC100

Tgt Ion: 43 Resp: 1254501

Ion Ratio Lower Upper

43 100

72 29.9 23.7 35.5



#26

2,2-Dichloropropane

Concen: 97.809 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019714.D

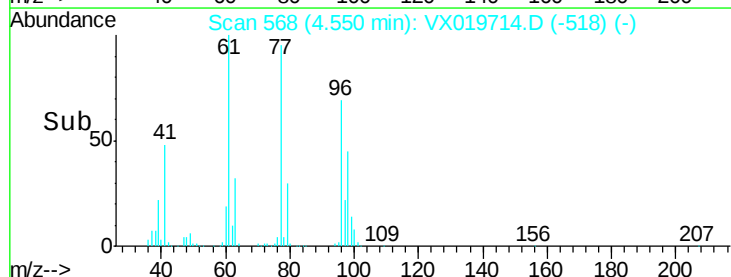
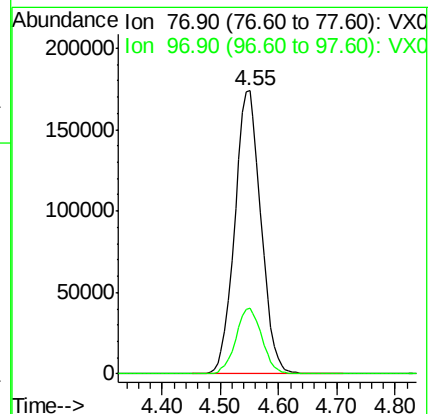
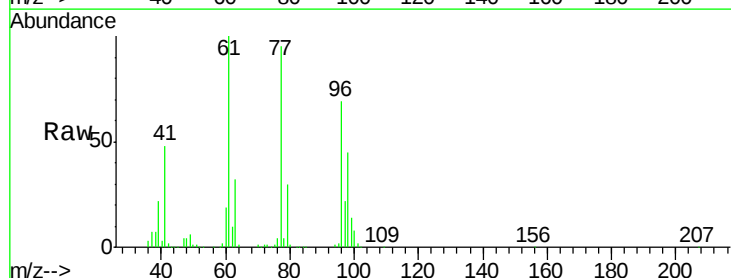
Acq: 04 Dec 2020 12:47

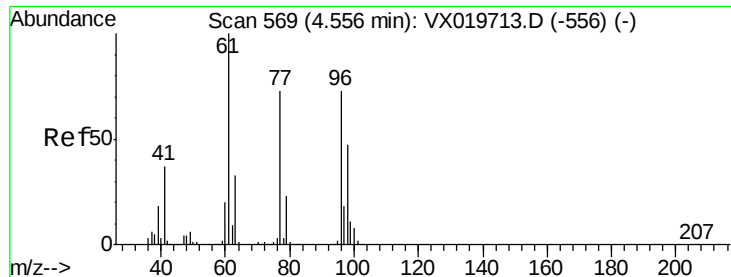
Tgt Ion: 77 Resp: 541784

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1



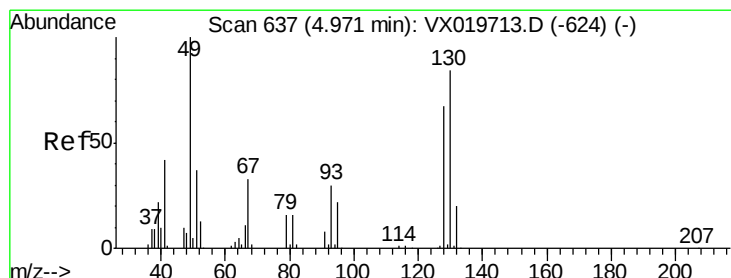
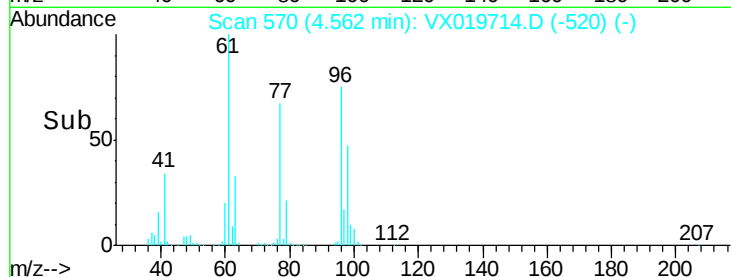
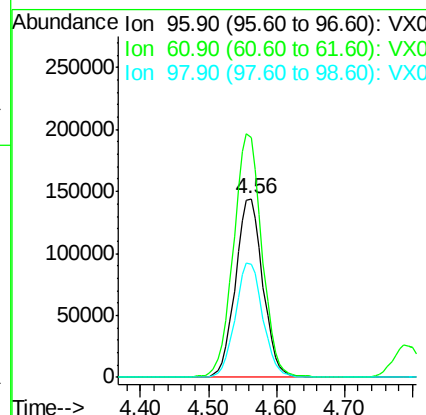
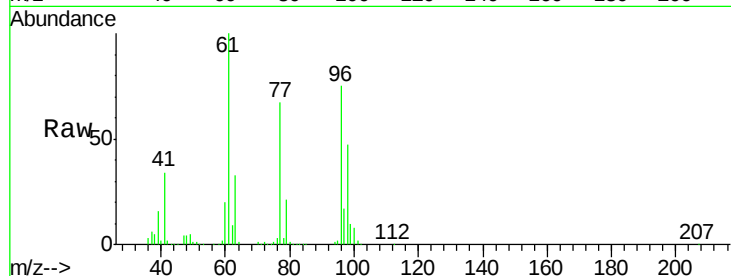


#27

cis-1,2-Dichloroethene
Concen: 92.934 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

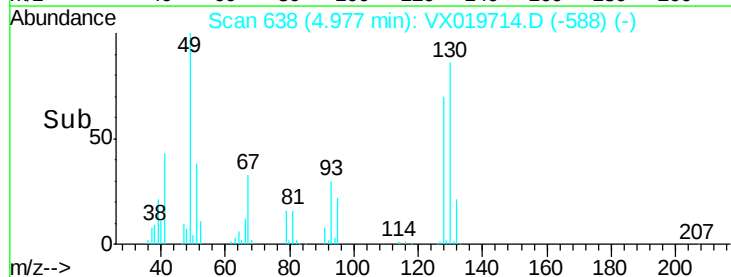
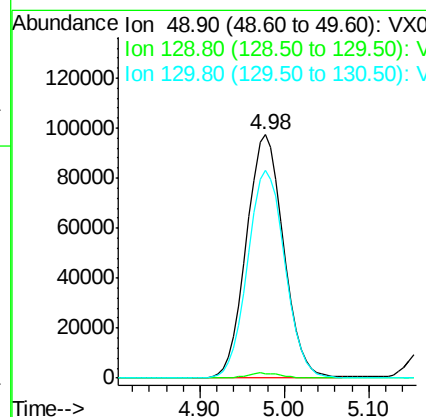
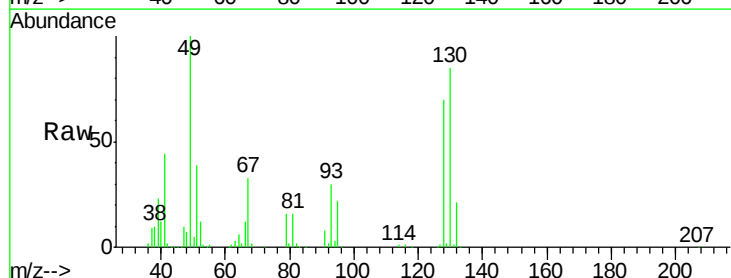
Tgt Ion: 96 Resp: 402512
Ion Ratio Lower Upper
96 100
61 141.4 0.0 285.6
98 64.3 0.0 129.6

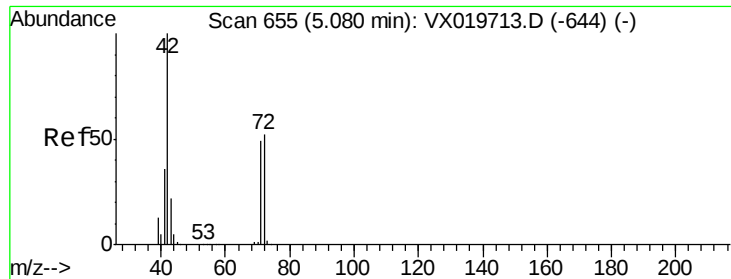


#28

Bromochloromethane
Concen: 96.725 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion: 49 Resp: 292570
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 85.8 68.2 102.2

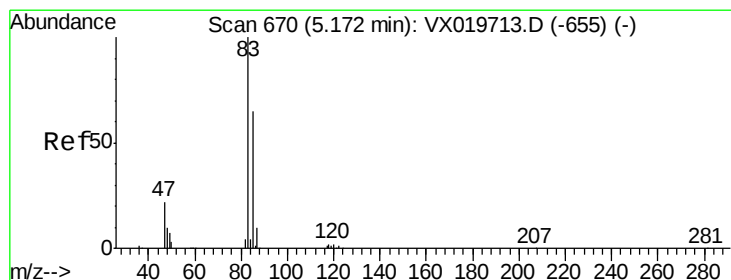
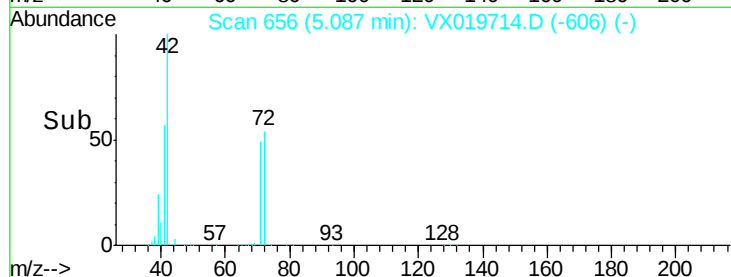
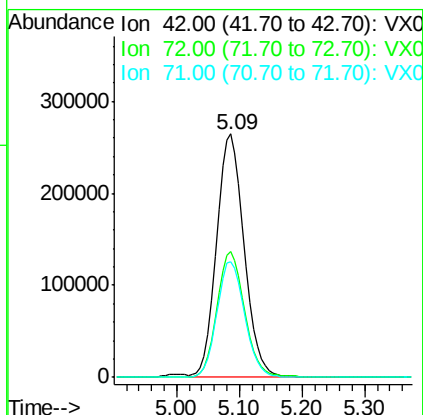
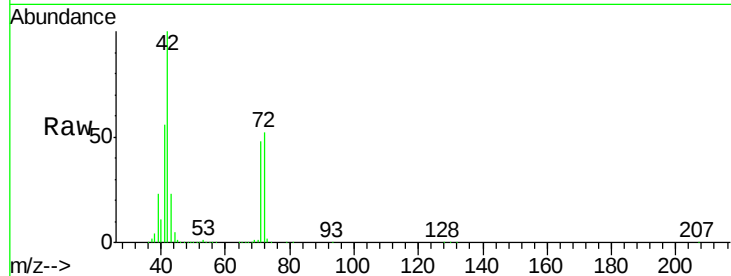




#29
Tetrahydrofuran
Concen: 480.538 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

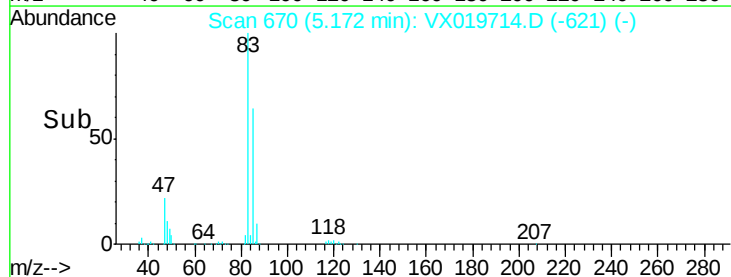
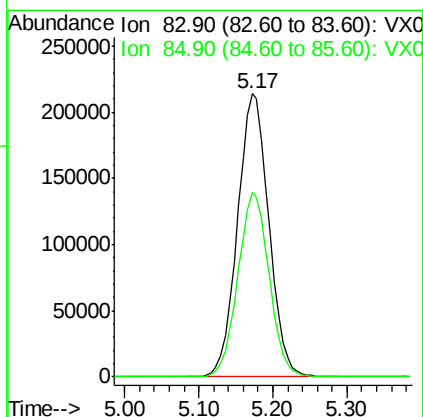
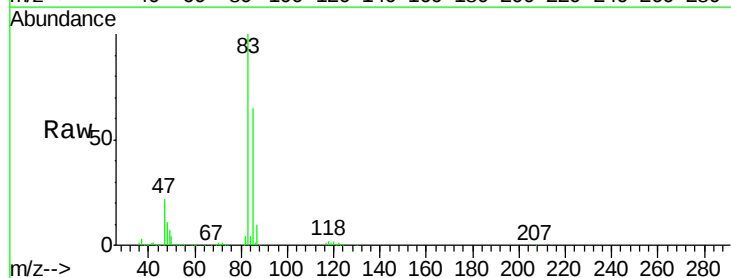
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

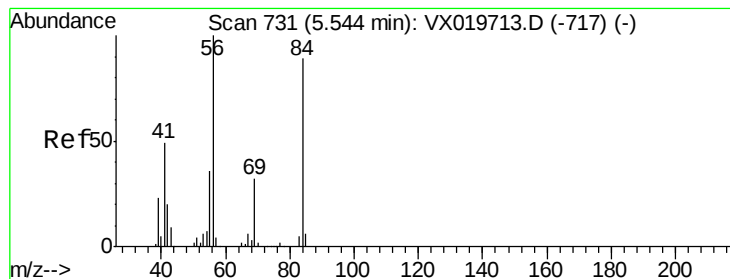
Tgt Ion: 42 Resp: 803384
Ion Ratio Lower Upper
42 100
72 52.1 41.7 62.5
71 48.1 38.4 57.6



#30
Chloroform
Concen: 92.511 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion: 83 Resp: 630610
Ion Ratio Lower Upper
83 100
85 65.2 52.0 78.0





#31

Cyclohexane

Concen: 92.327 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

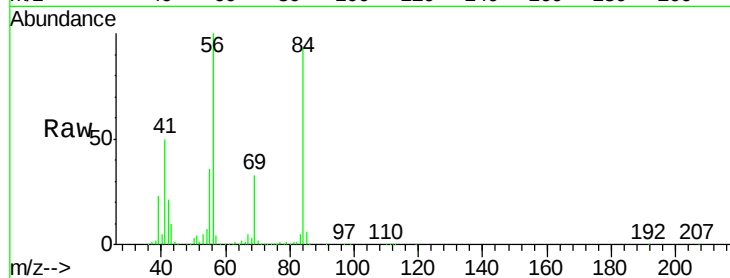
Tgt Ion: 56 Resp: 535625

Ion Ratio Lower Upper

56 100

69 33.0 25.3 37.9

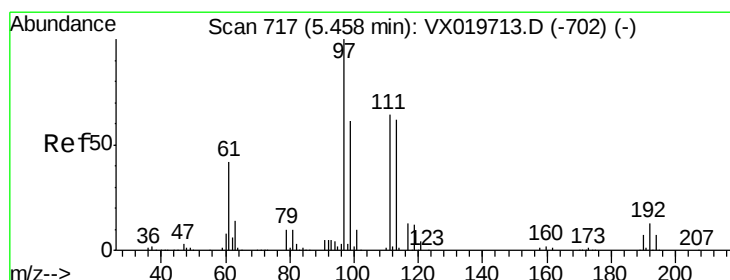
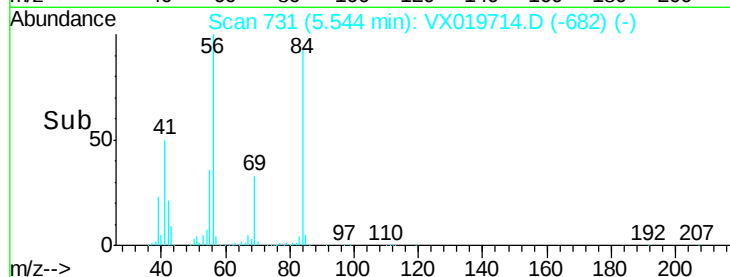
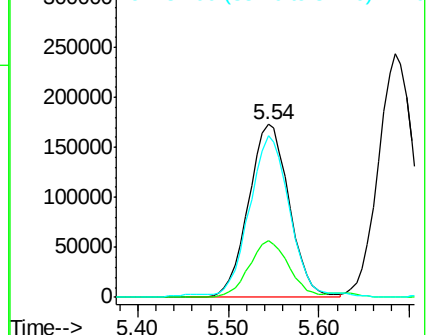
84 91.8 71.4 107.0



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: 94.402 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

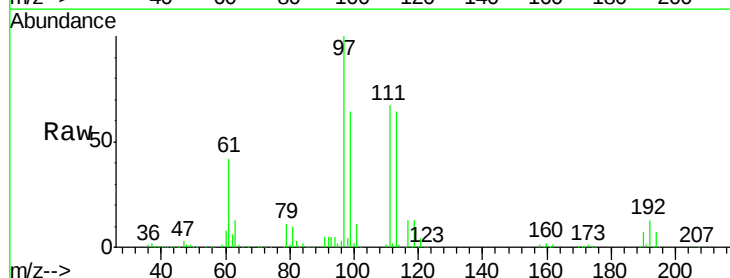
Tgt Ion: 97 Resp: 549395

Ion Ratio Lower Upper

97 100

99 64.8 51.5 77.3

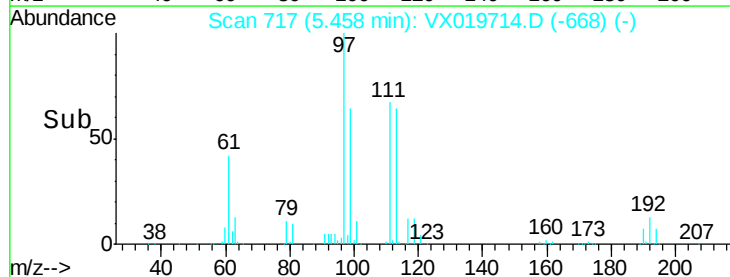
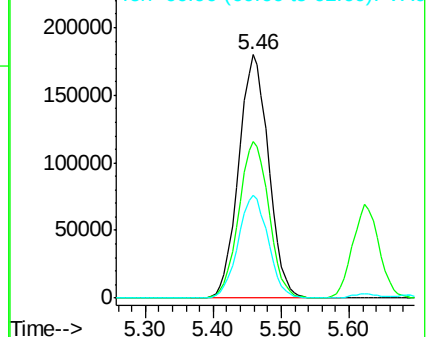
61 42.6 34.2 51.4

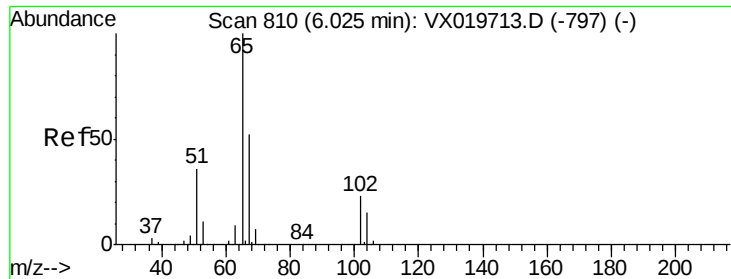


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

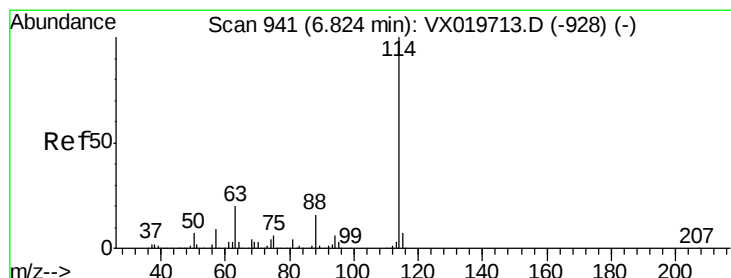
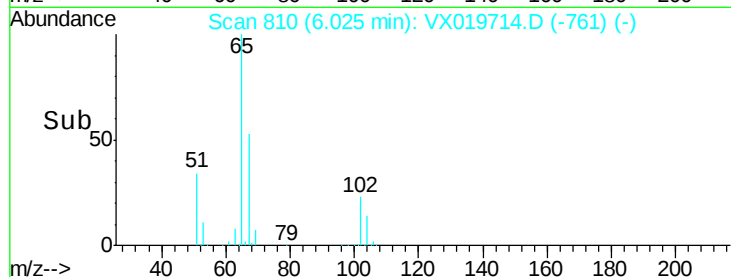
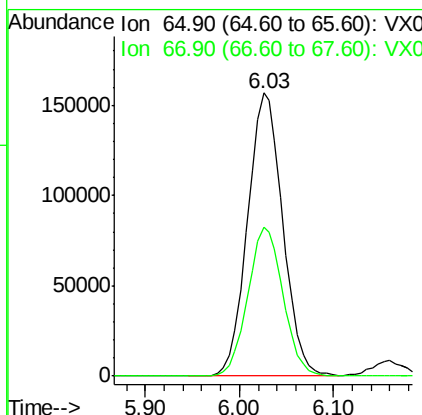
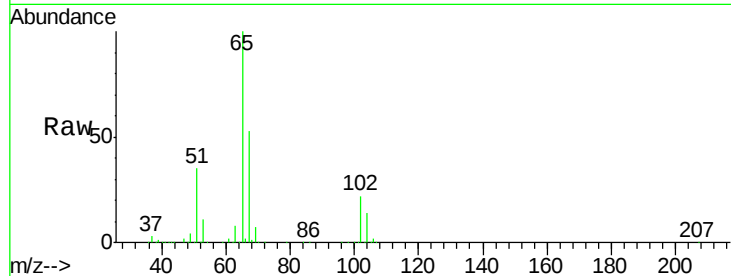




#33
 1,2-Dichloroethane-d4
 Concen: 93.619 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

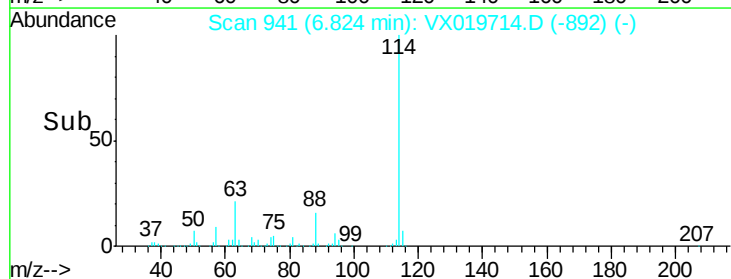
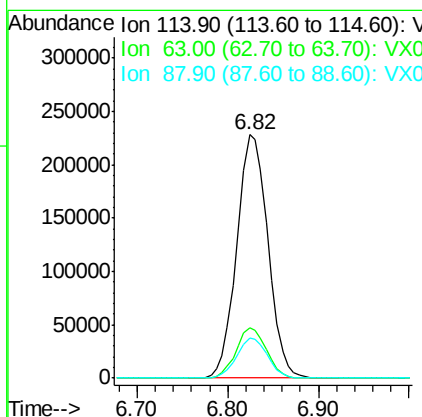
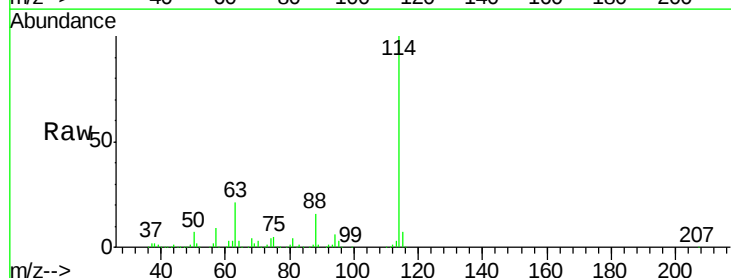
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

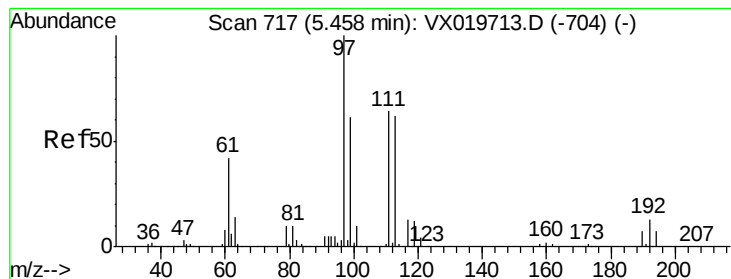
Tgt Ion: 65 Resp: 411007
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion: 114 Resp: 544427
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 94.081 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

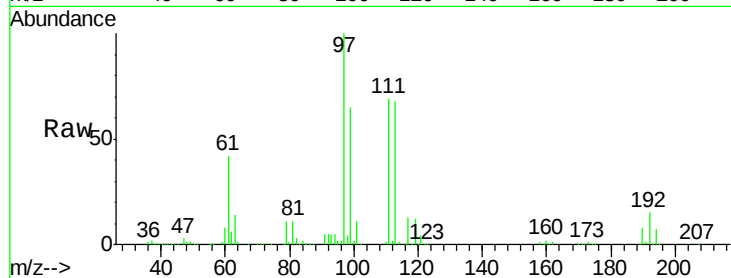
Tgt Ion:113 Resp: 335524

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

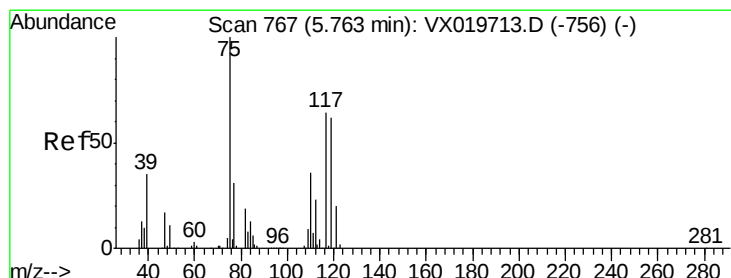
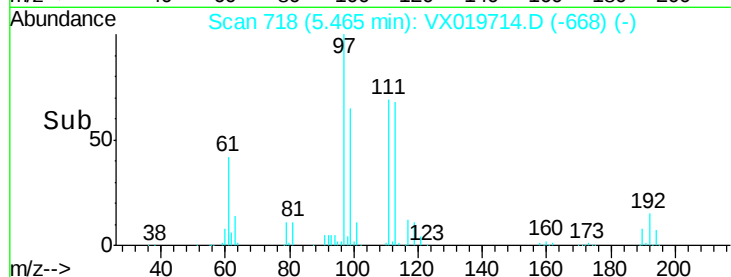
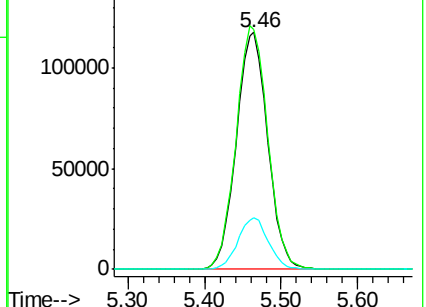
192 21.3 16.7 25.1



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: 94.786 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

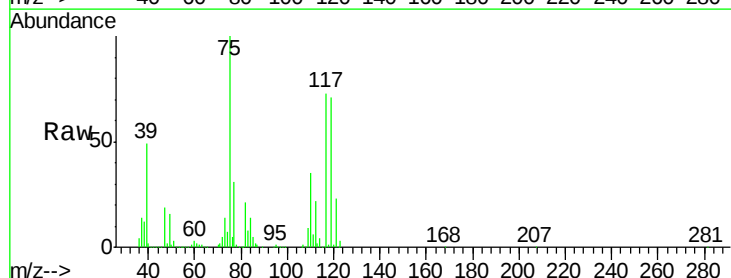
Tgt Ion: 75 Resp: 477116

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.4

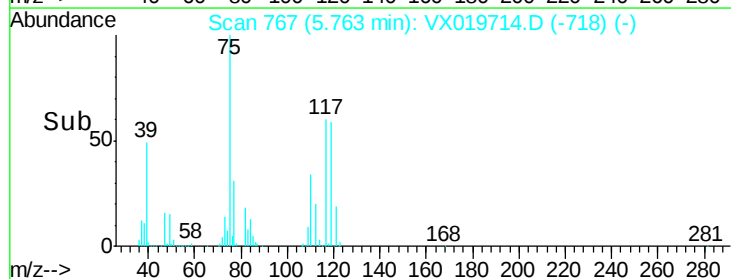
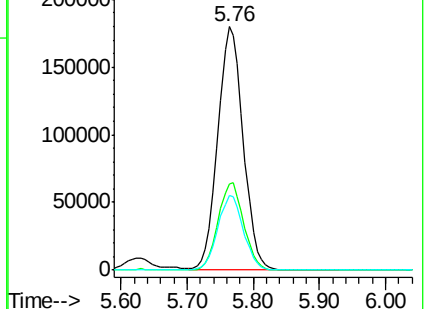
77 31.1 25.3 37.9

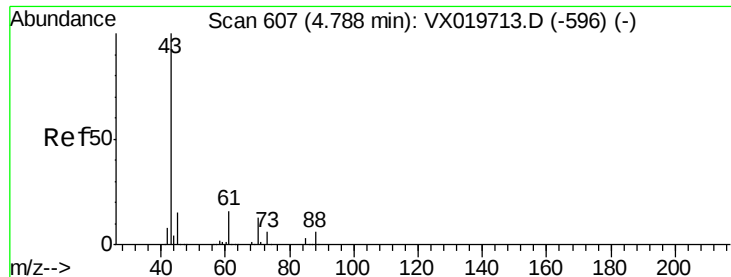


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

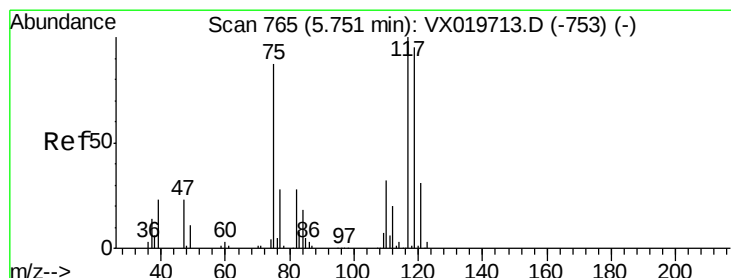
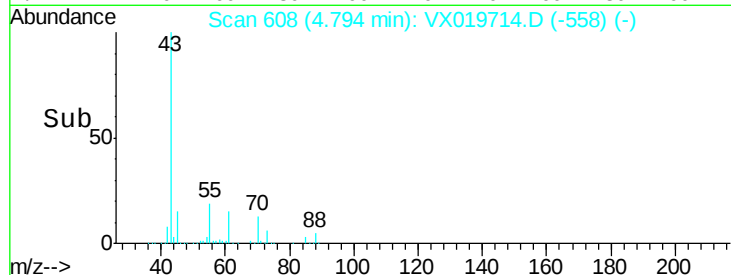
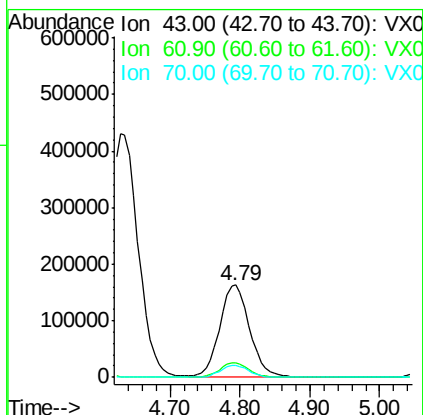
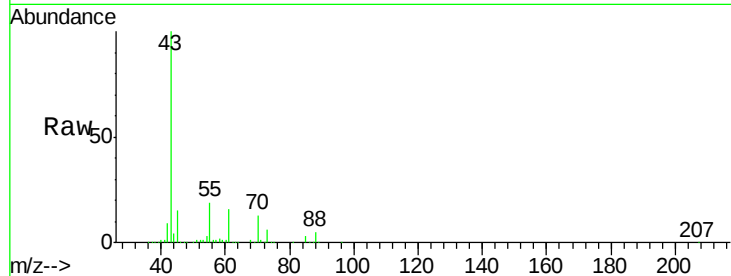




#37
Ethyl Acetate
Concen: 96.008 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

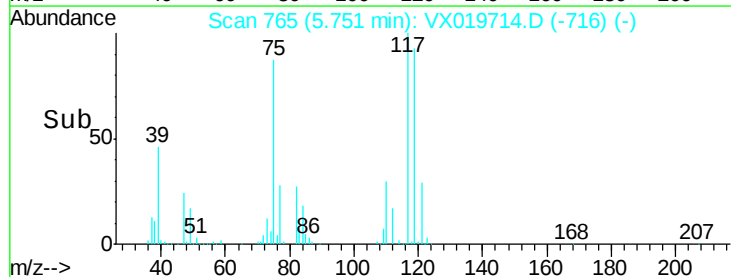
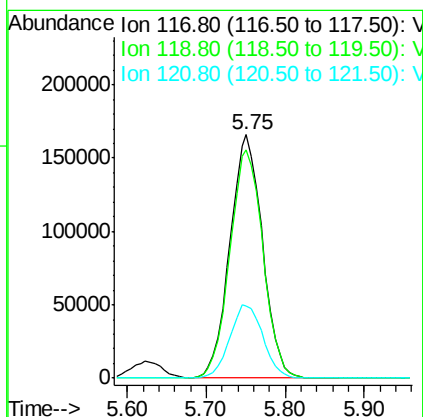
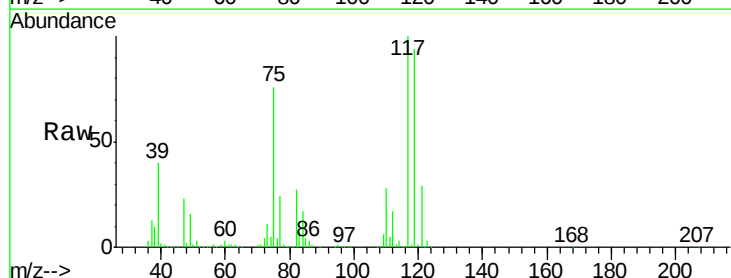
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

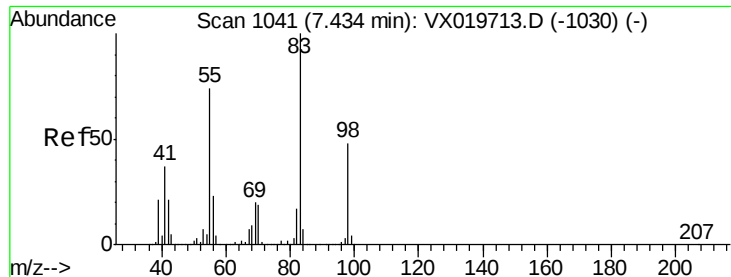
Tgt Ion: 43 Resp: 483981
Ion Ratio Lower Upper
43 100
61 15.4 12.8 19.2
70 12.9 10.5 15.7



#38
Carbon Tetrachloride
Concen: 94.865 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion: 117 Resp: 474169
Ion Ratio Lower Upper
117 100
119 94.0 76.2 114.2
121 29.4 24.8 37.2

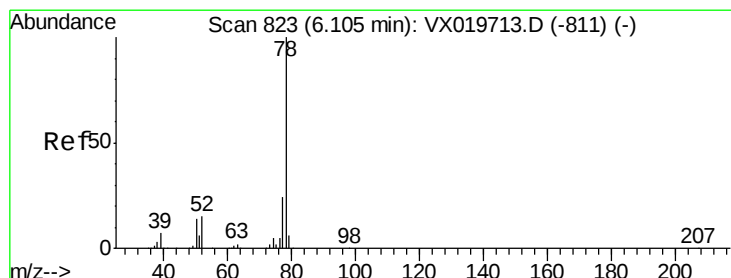
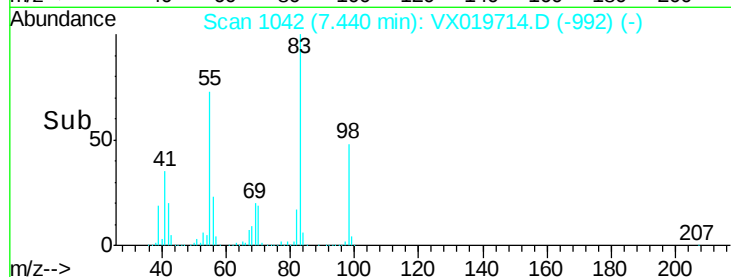
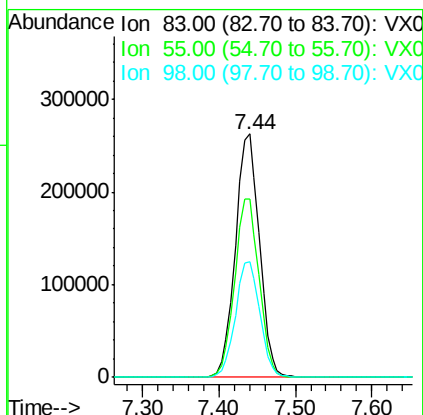
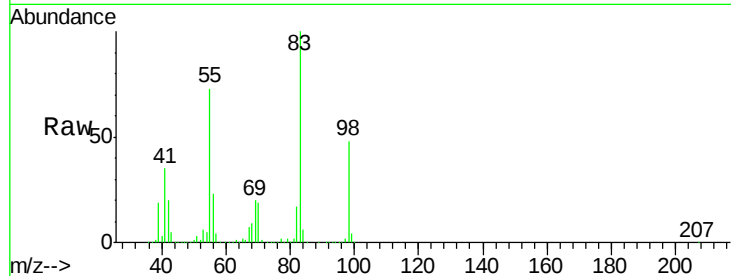




#39
Methylcyclohexane
Concen: 96.565 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

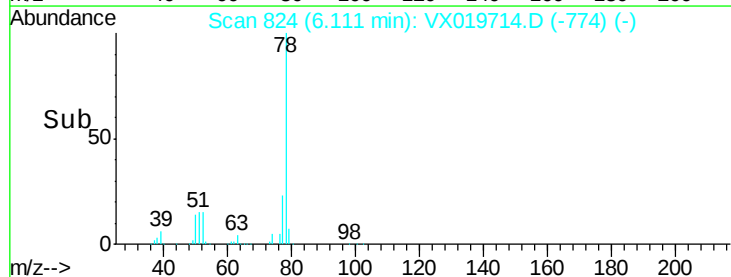
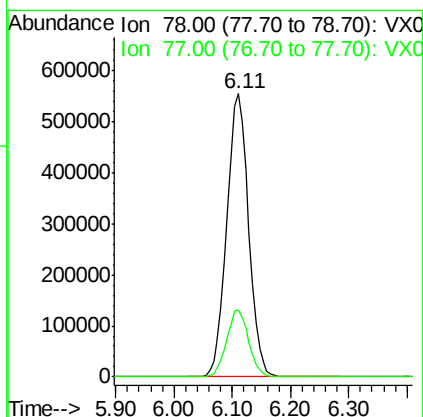
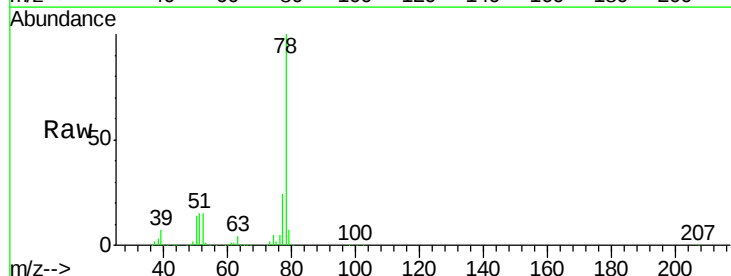
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

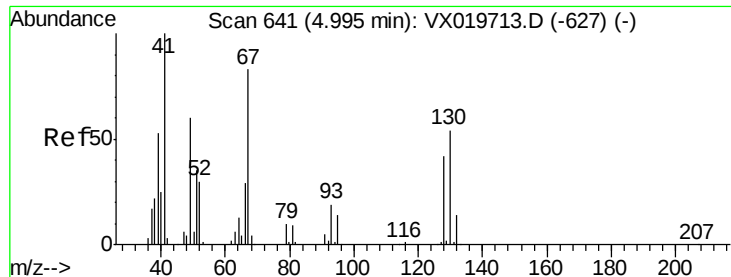
Tgt Ion: 83 Resp: 571286
Ion Ratio Lower Upper
83 100
55 73.2 58.9 88.3
98 47.6 38.1 57.1



#40
Benzene
Concen: 92.031 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion: 78 Resp: 1444597
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

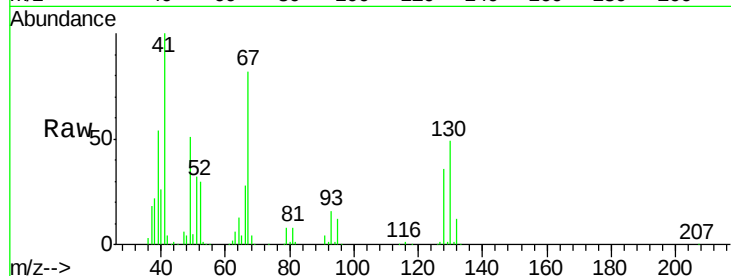




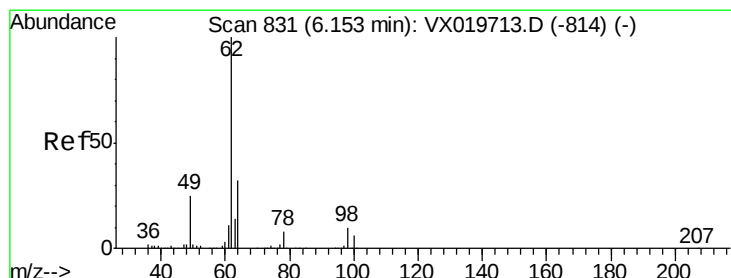
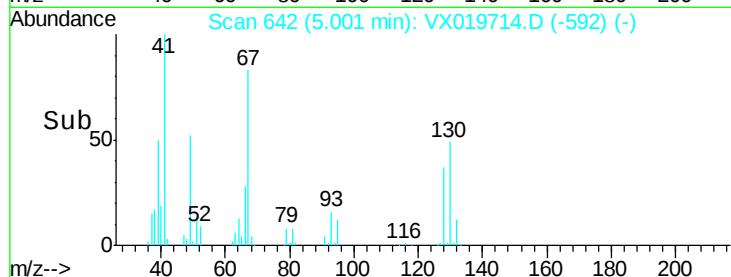
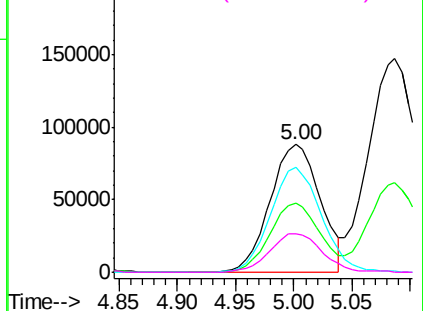
#41
Methacrylonitrile
Concen: 94.093 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	262507
Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.5	63.7
67	83.7	65.0	97.6
52	31.5	25.3	37.9

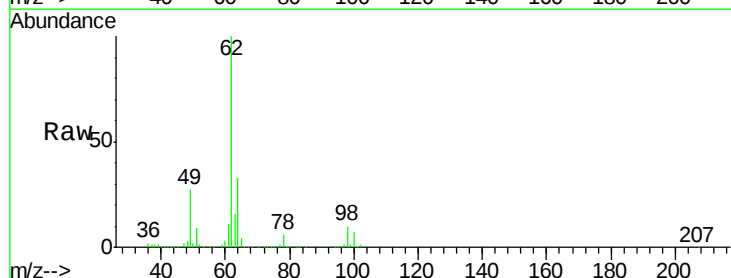


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

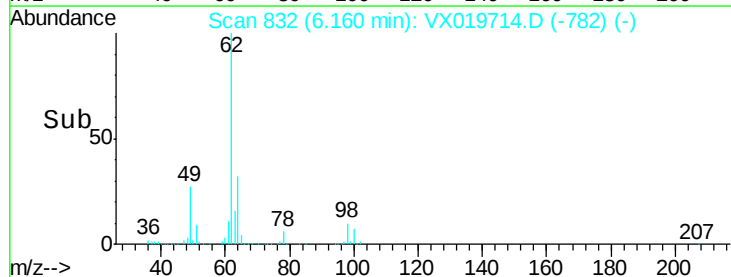
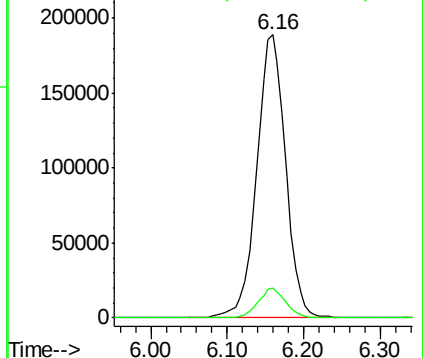


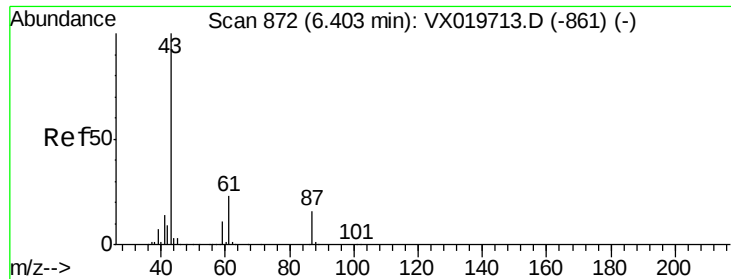
#42
1,2-Dichloroethane
Concen: 91.742 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion:	62	Resp:	494714
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



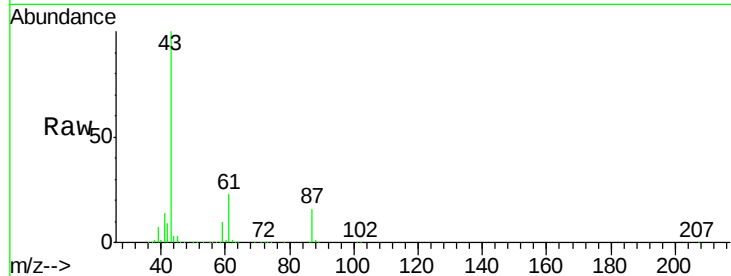


#43

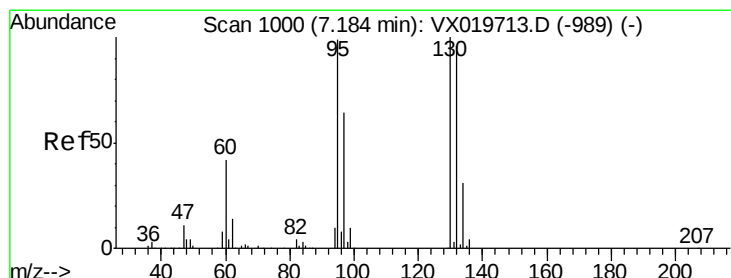
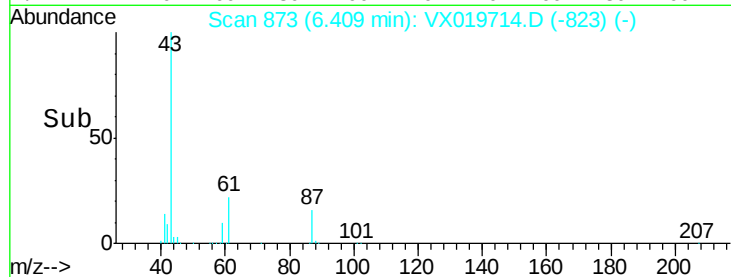
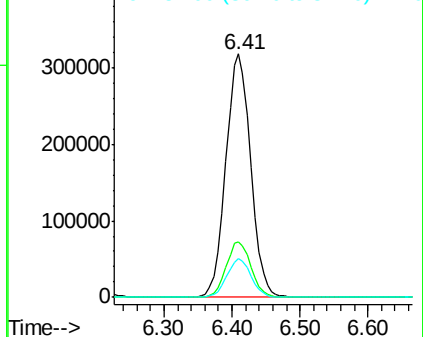
Isopropyl Acetate
 Concen: 95.856 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 799977
 Ion Ratio Lower Upper
 43 100
 61 22.8 18.2 27.4
 87 15.6 12.5 18.7



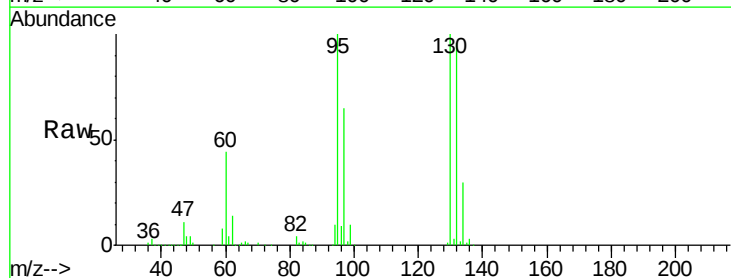
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



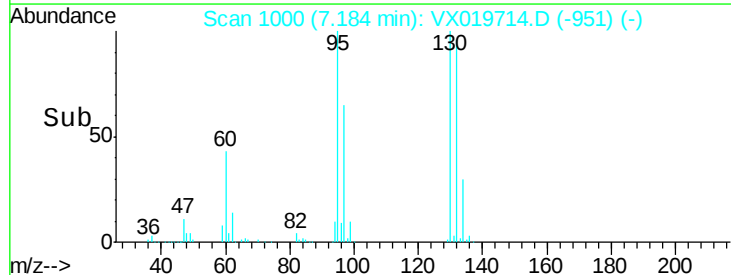
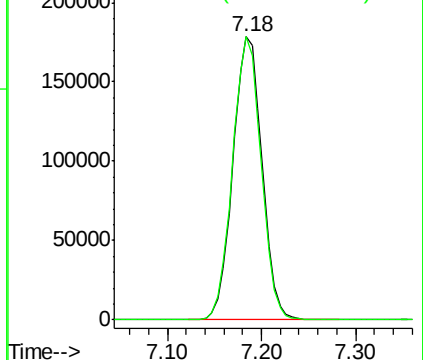
#44

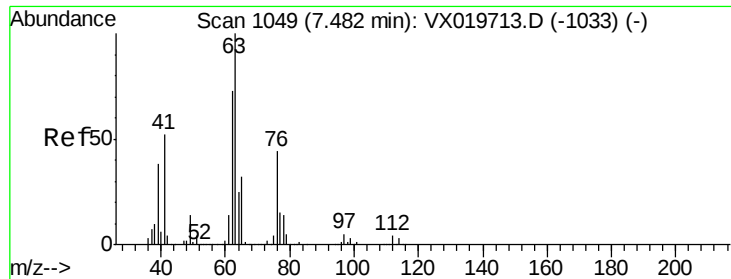
Trichloroethene
 Concen: 93.337 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion: 130 Resp: 382661
 Ion Ratio Lower Upper
 130 100
 95 100.0 0.0 198.0



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

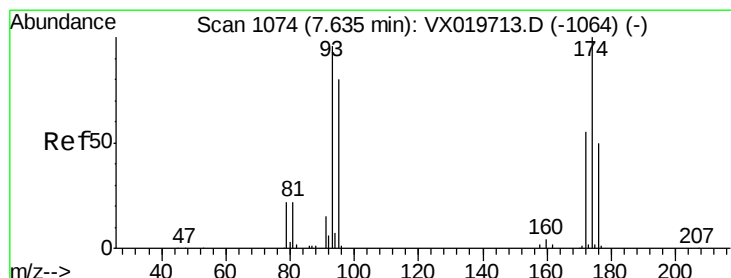
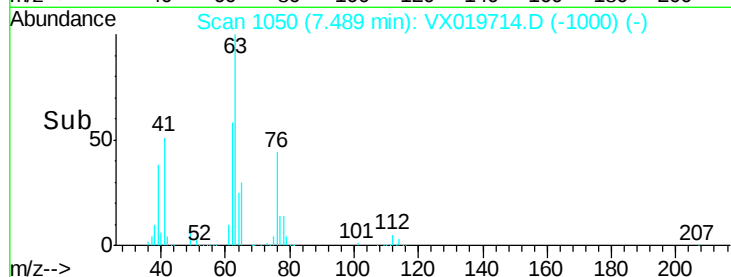
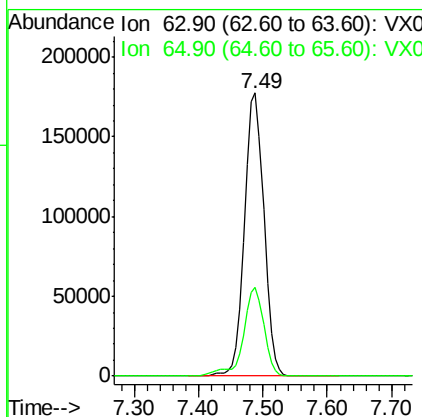
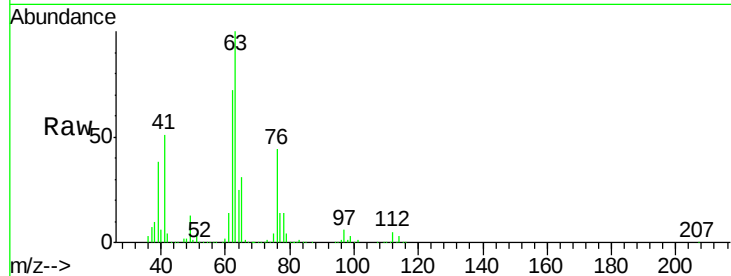




#45
 1,2-Dichloropropane
 Concen: 92.967 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

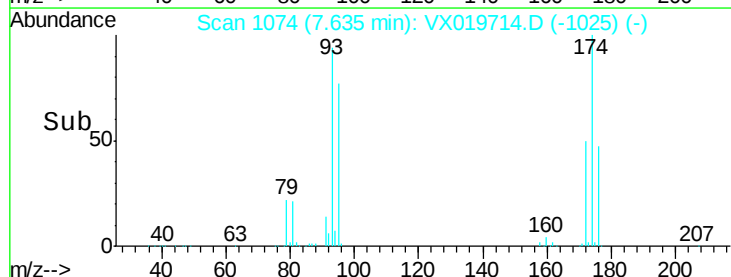
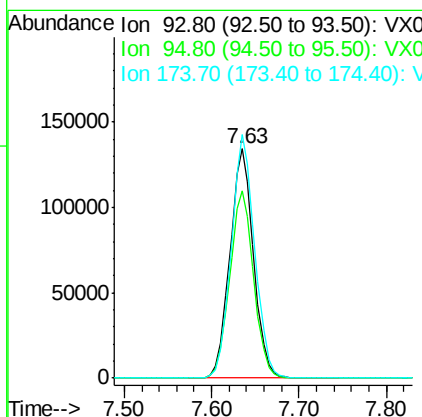
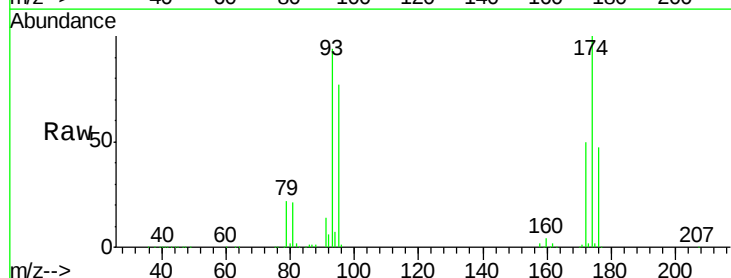
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

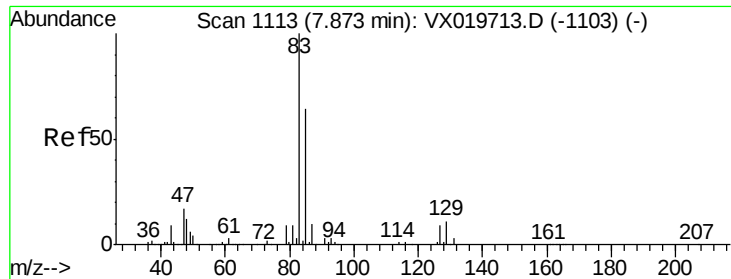
Tgt Ion: 63 Resp: 367023
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.7 38.5



#46
 Dibromomethane
 Concen: 94.940 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion: 93 Resp: 251409
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.8 100.2
 174 105.7 83.1 124.7





#47

Bromodichloromethane

Concen: 97.254 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

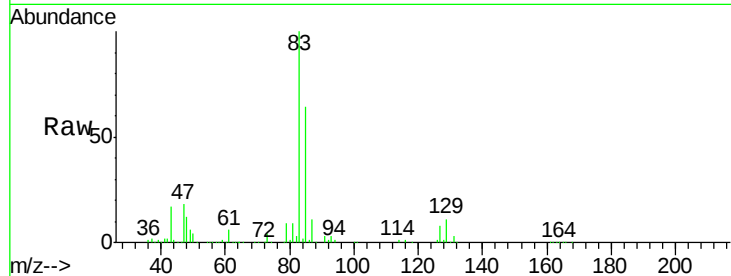
Tgt Ion: 83 Resp: 510486

Ion Ratio Lower Upper

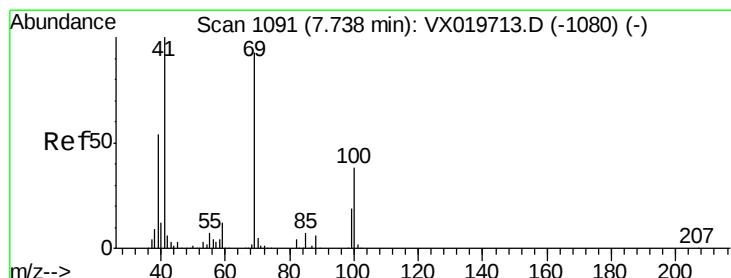
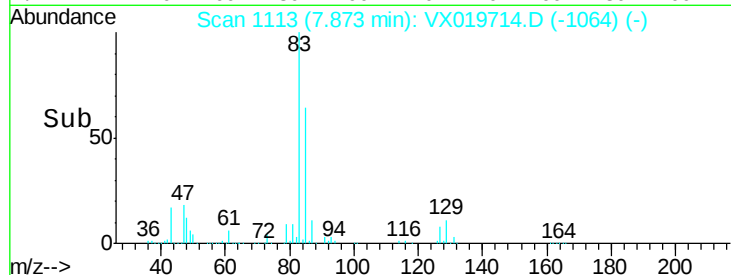
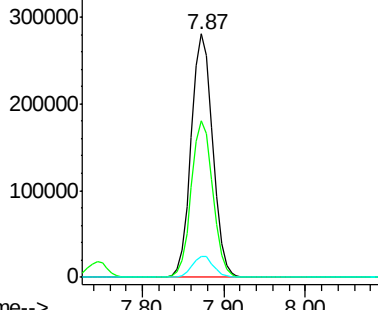
83 100

85 64.2 51.4 77.0

127 8.4 6.8 10.2



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



#48

Methyl methacrylate

Concen: 98.112 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

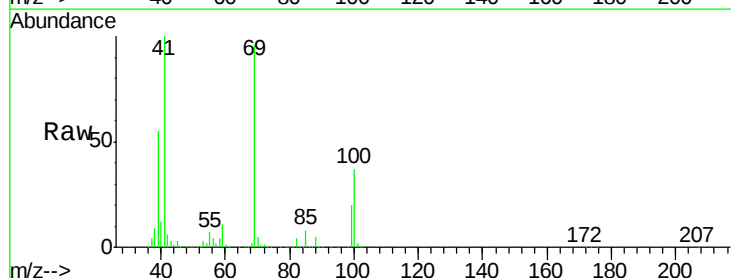
Tgt Ion: 41 Resp: 404713

Ion Ratio Lower Upper

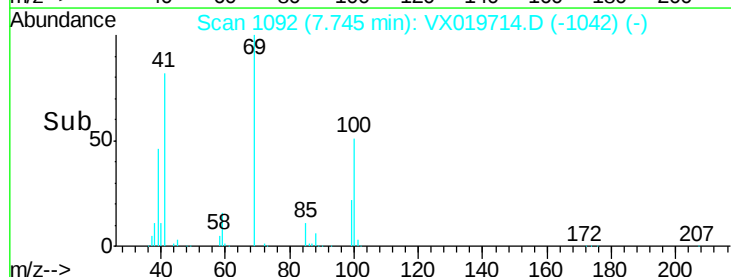
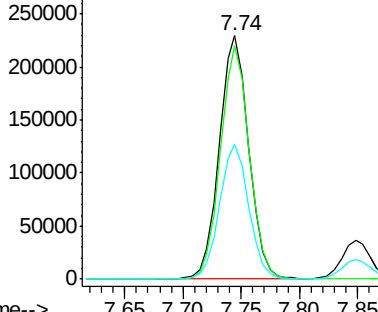
41 100

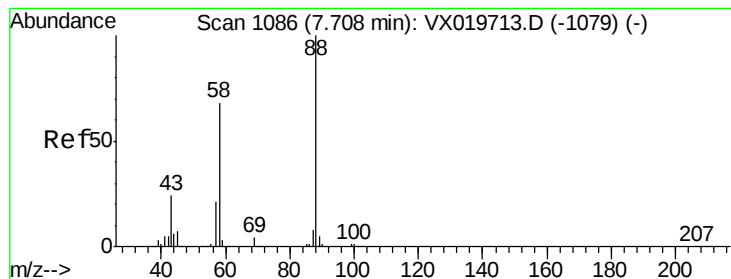
69 94.4 76.0 114.0

39 55.0 44.6 67.0



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





#49

1,4-Dioxane

Concen: 2031.028 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

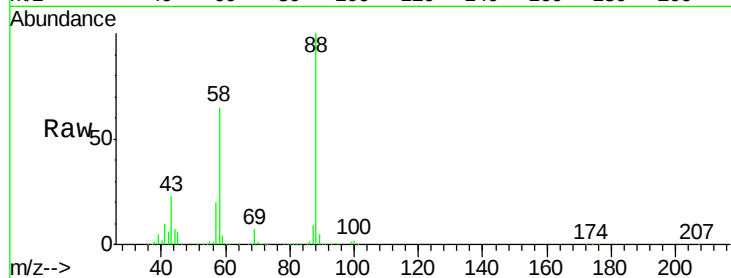
Tgt Ion: 88 Resp: 192580

Ion Ratio Lower Upper

88 100

43 28.2 23.2 34.8

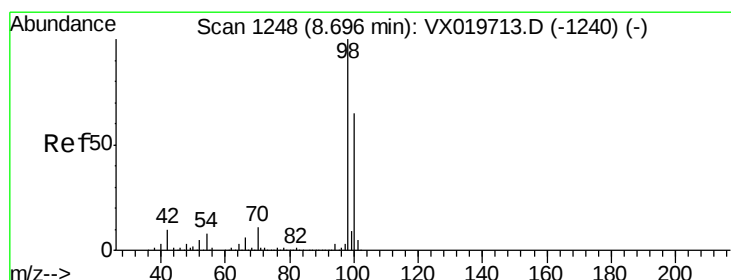
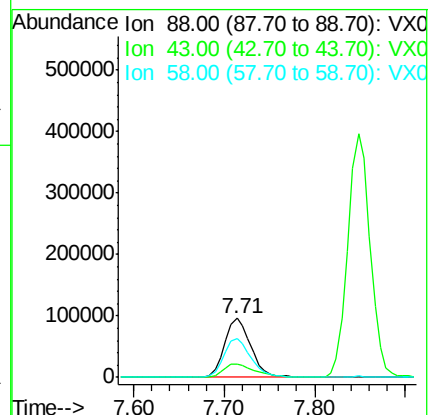
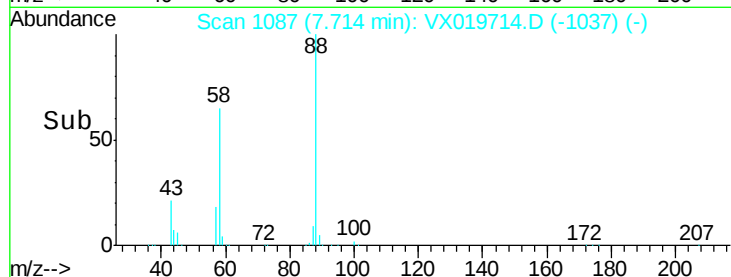
58 67.8 55.0 82.4



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: 95.276 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019714.D

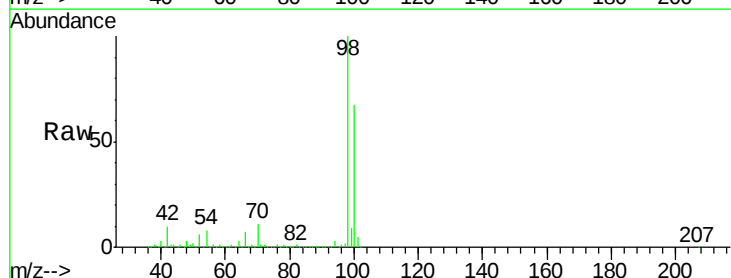
Acq: 04 Dec 2020 12:47

Tgt Ion: 98 Resp: 1301592

Ion Ratio Lower Upper

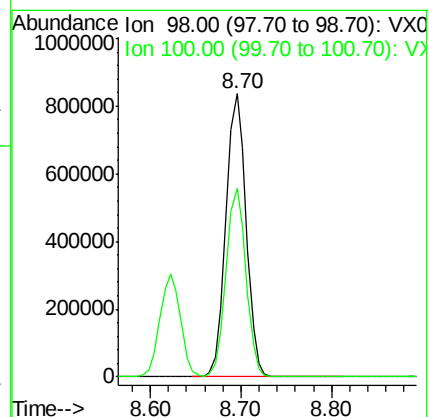
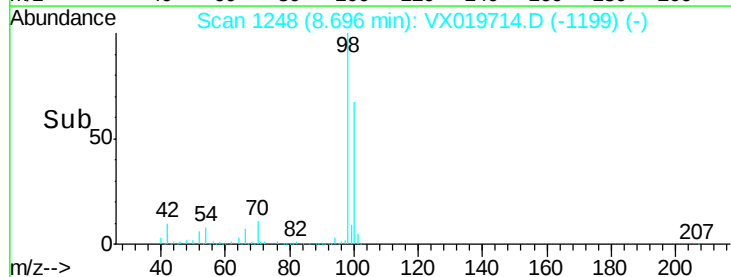
98 100

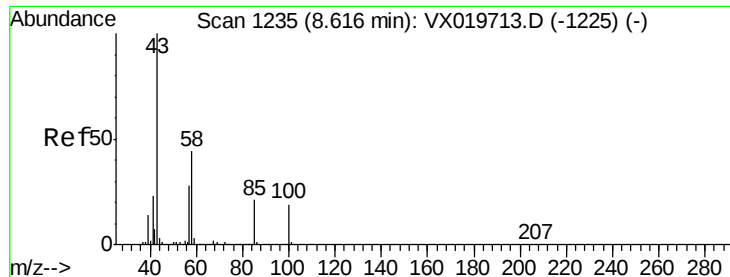
100 66.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

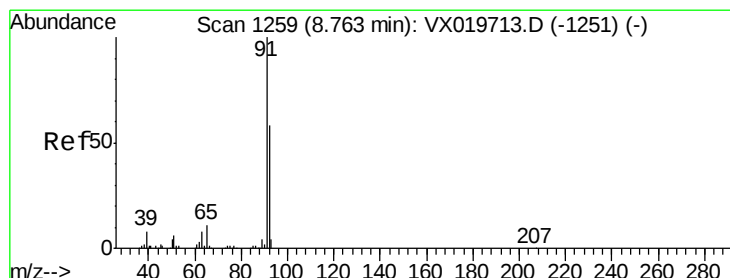
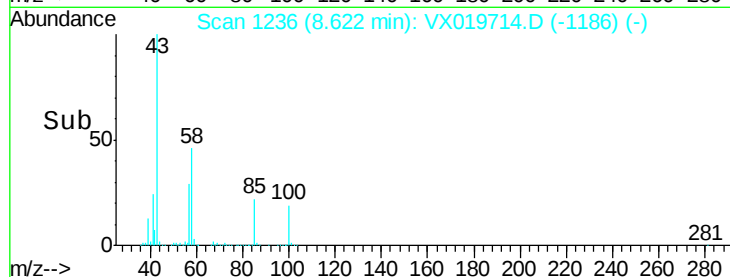
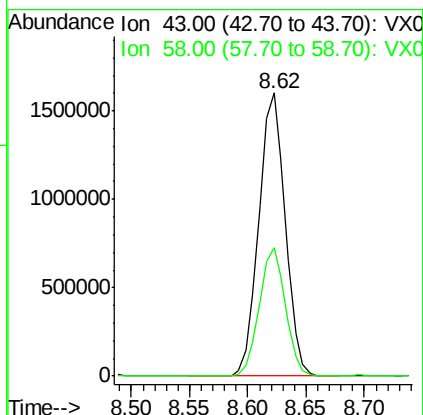
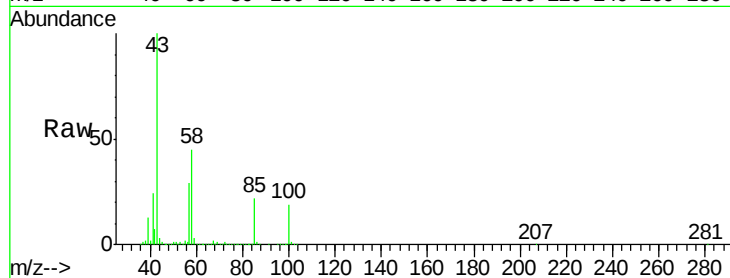




#51
 4-Methyl-2-Pentanone
 Concen: 495.806 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

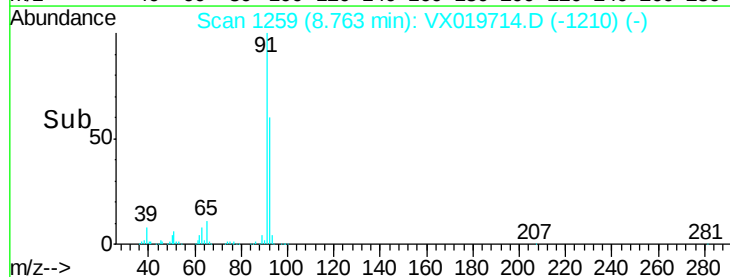
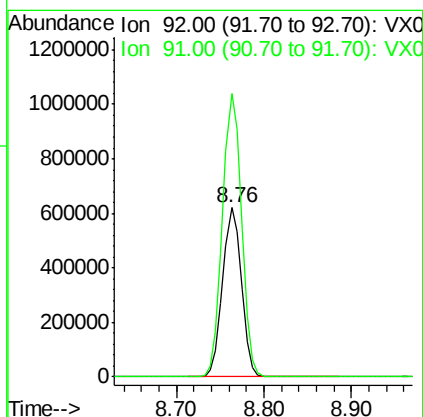
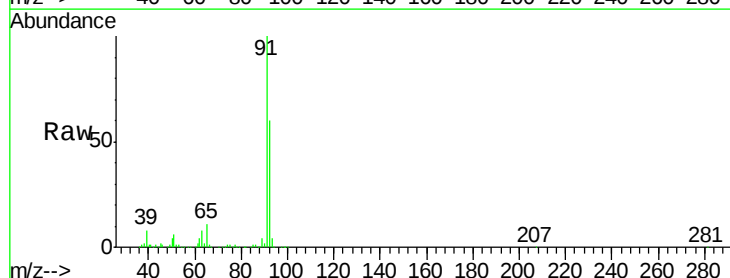
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

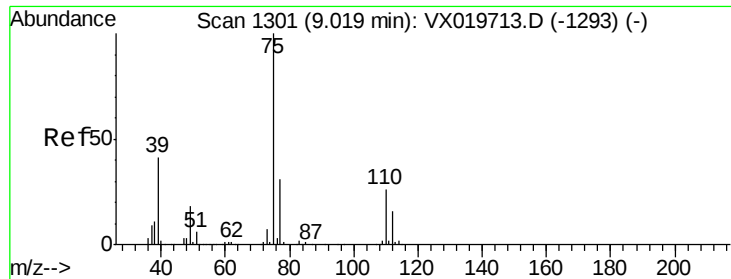
Tgt Ion: 43 Resp: 2527676
 Ion Ratio Lower Upper
 43 100
 58 44.8 35.4 53.0



#52
 Toluene
 Concen: 94.717 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion: 92 Resp: 925657
 Ion Ratio Lower Upper
 92 100
 91 169.7 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 102.098 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

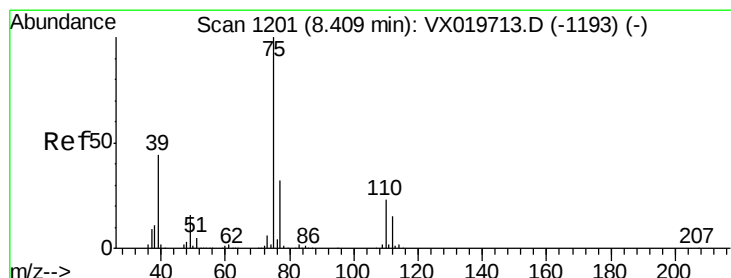
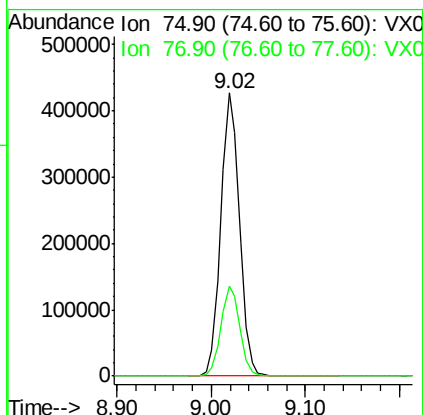
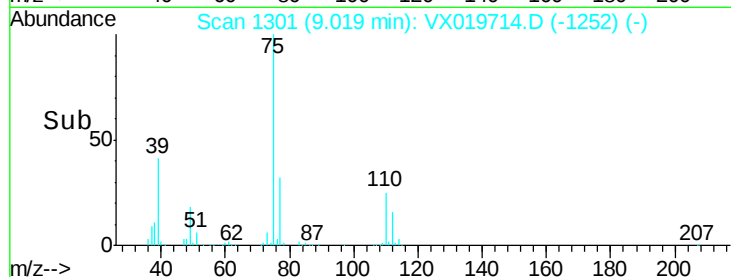
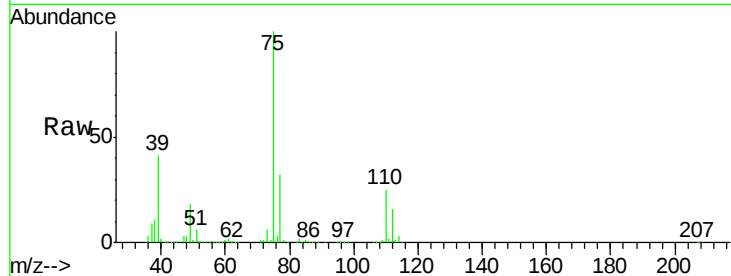
VSTDIC100

Tgt Ion: 75 Resp: 587661

Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 99.126 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

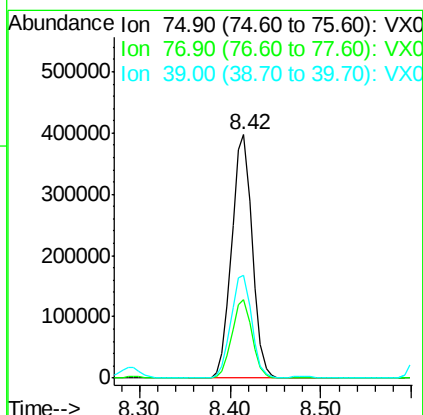
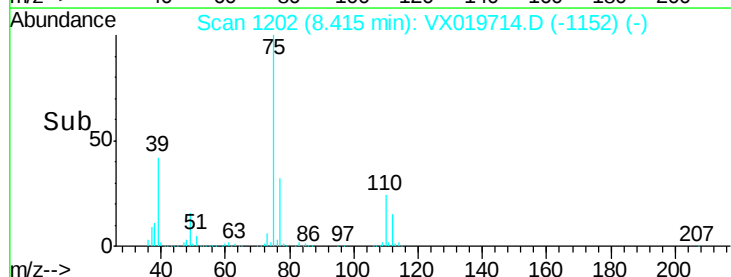
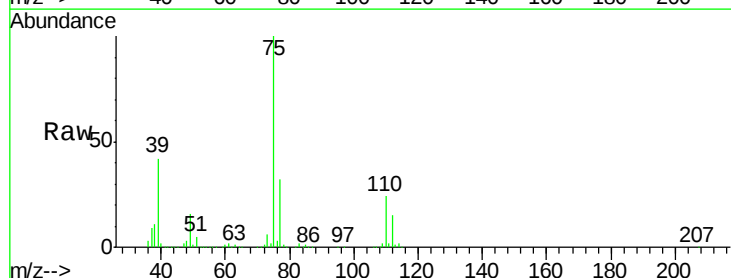
Tgt Ion: 75 Resp: 623641

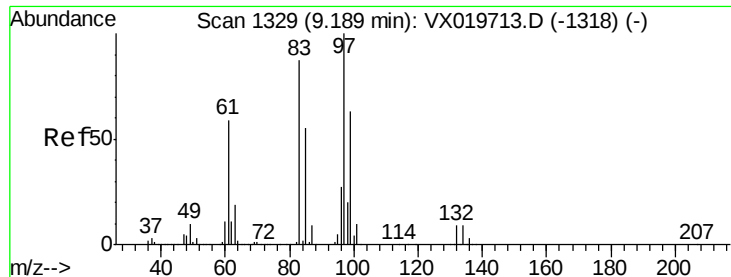
Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

39 42.1 35.1 52.7

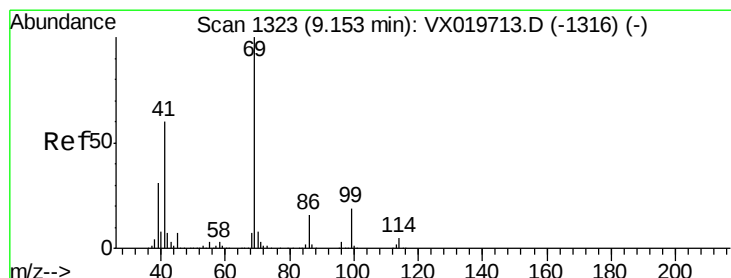
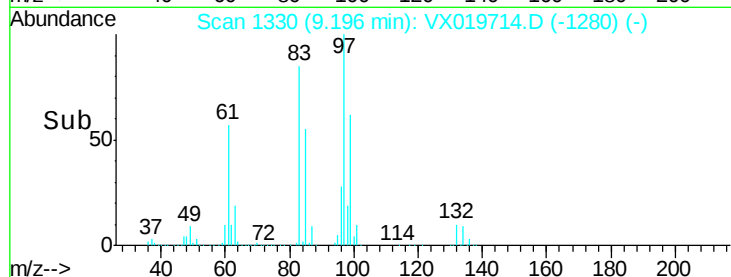
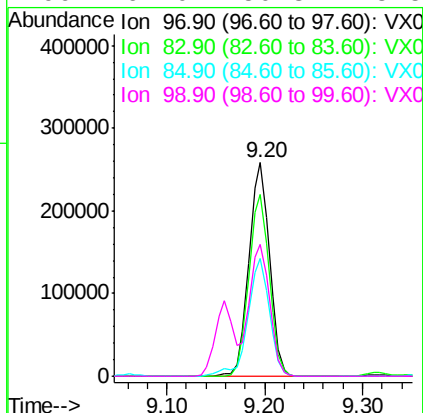
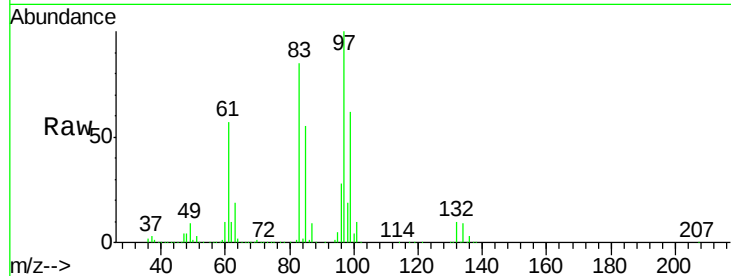




#55
 1,1,2-Trichloroethane
 Concen: 95.582 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

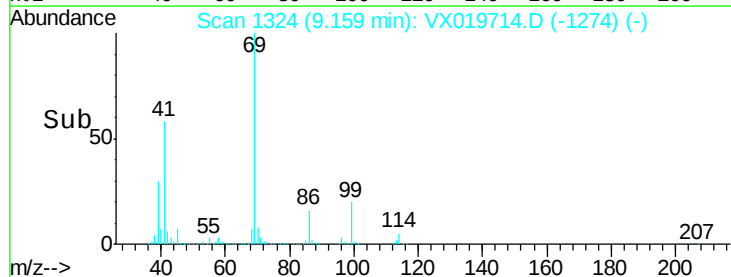
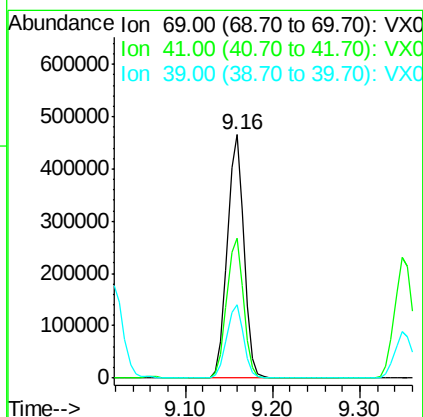
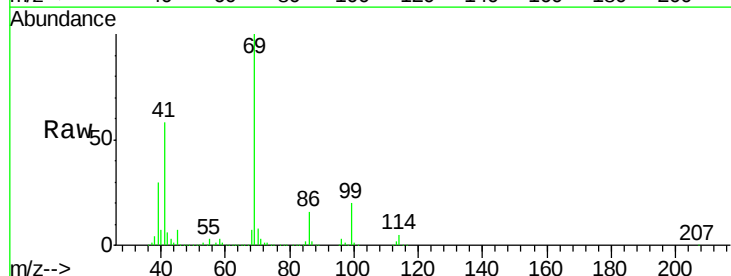
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

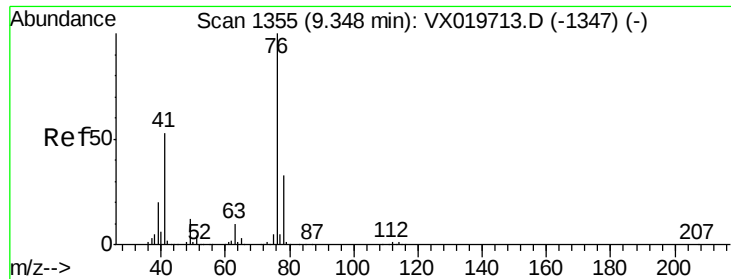
Tgt Ion:	97	Resp:	377776
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.3	103.9
85	55.4	44.3	66.5
99	62.0	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 103.303 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion:	69	Resp:	613279
Ion	Ratio	Lower	Upper
69	100		
41	58.3	46.8	70.2
39	30.7	24.7	37.1





#57

1,3-Dichloropropane

Concen: 94.393 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

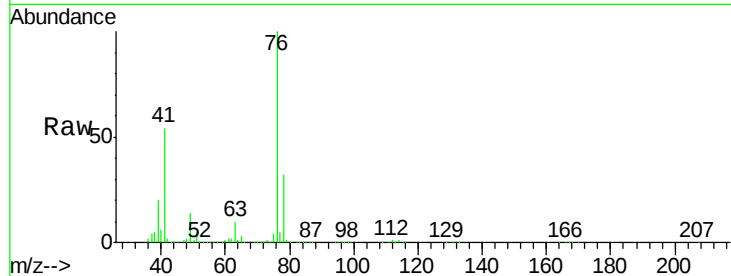
VSTDIC100

Tgt Ion: 76 Resp: 631352

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

400000

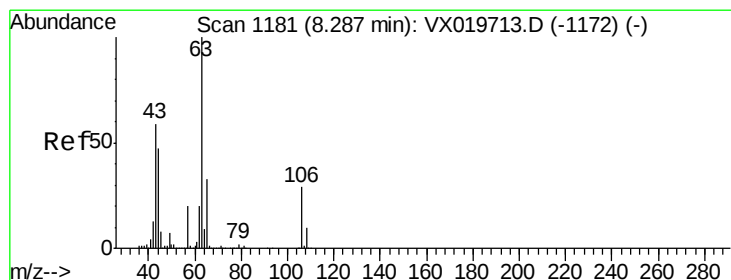
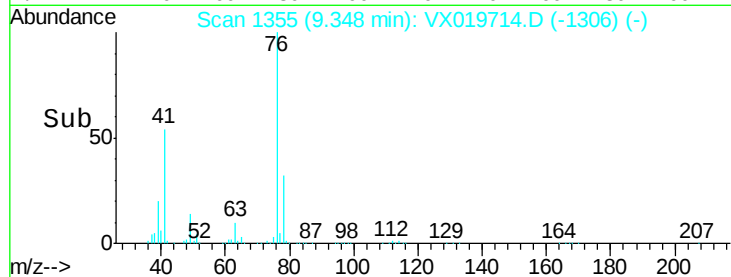
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 502.713 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX019714.D

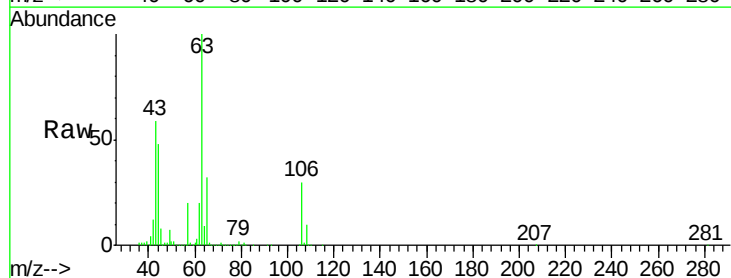
Acq: 04 Dec 2020 12:47

Tgt Ion: 63 Resp: 1563605

Ion Ratio Lower Upper

63 100

106 29.5 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

1000000

800000

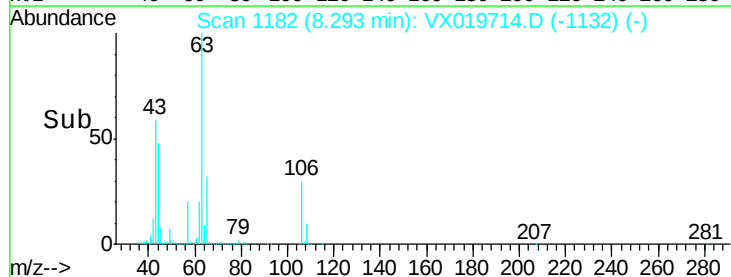
600000

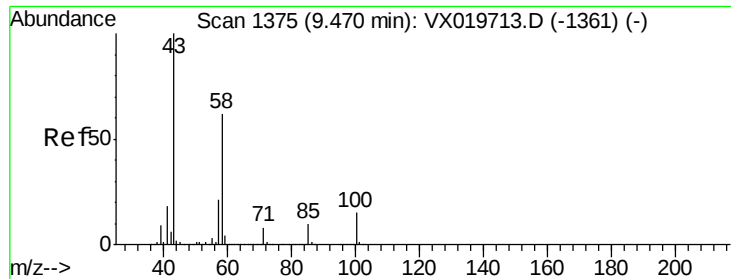
400000

200000

0

Time-->

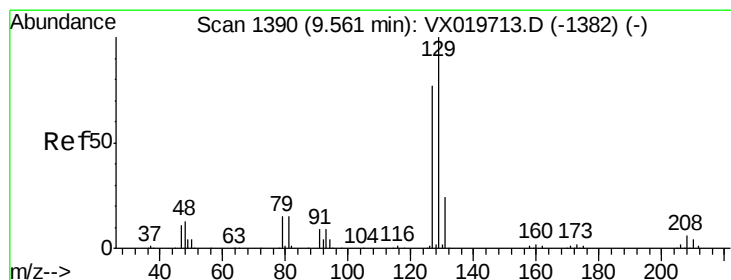
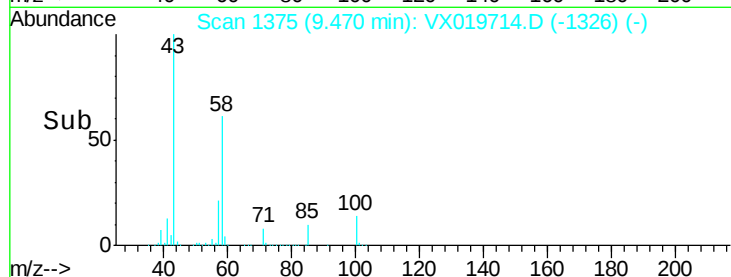
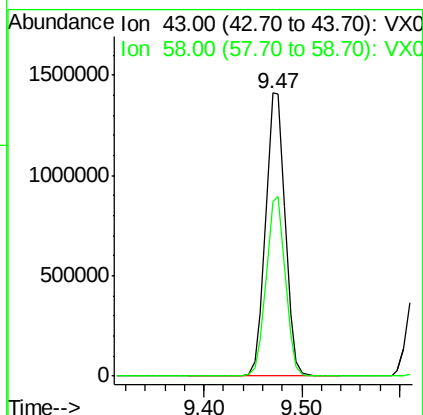
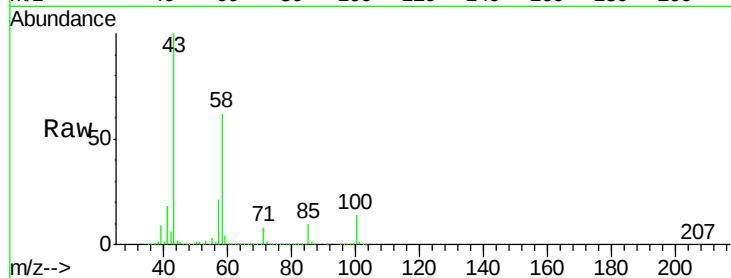




#59
2-Hexanone
Concen: 506.380 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

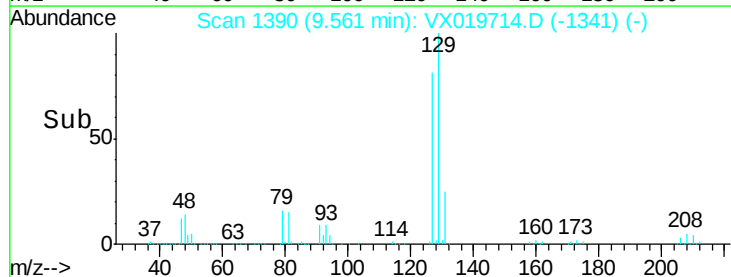
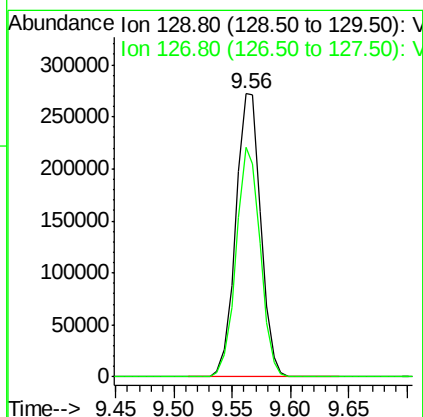
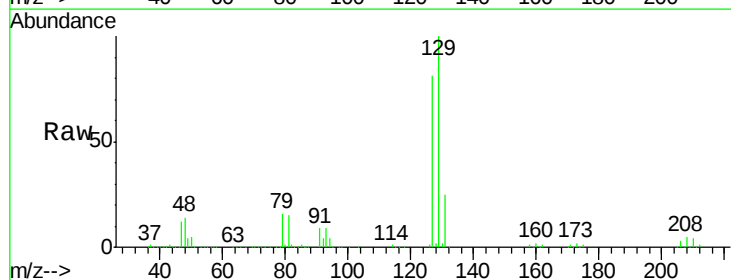
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

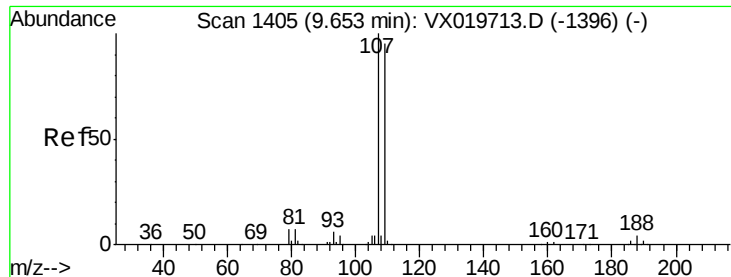
Tgt Ion: 43 Resp: 1952871
Ion Ratio Lower Upper
43 100
58 62.2 30.9 92.8



#60
Dibromochloromethane
Concen: 100.496 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion: 129 Resp: 407974
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 96.768 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

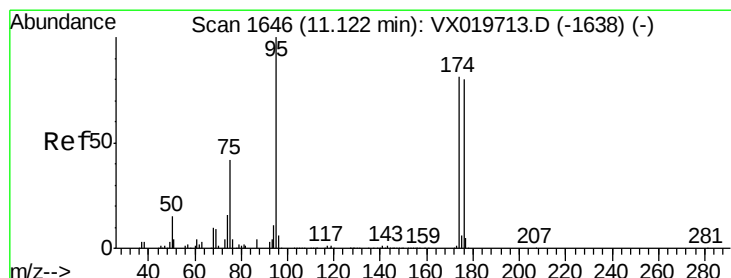
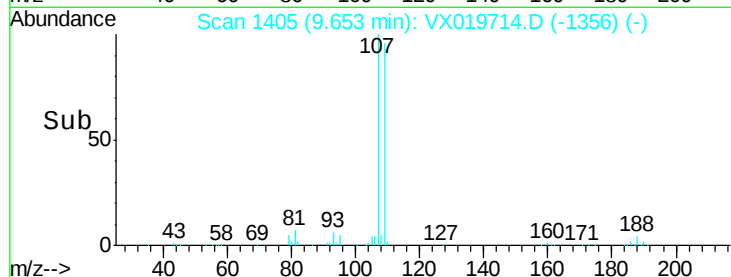
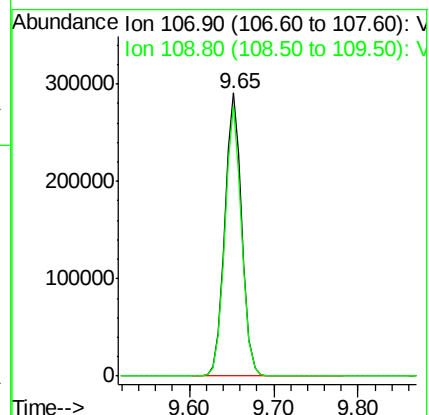
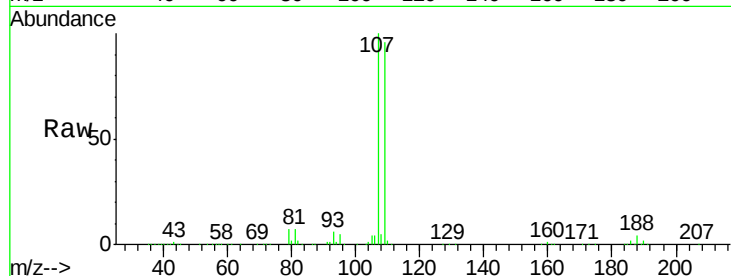
VSTDIC100

Tgt Ion: 107 Resp: 401743

Ion Ratio Lower Upper

107 100

109 94.0 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 100.199 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

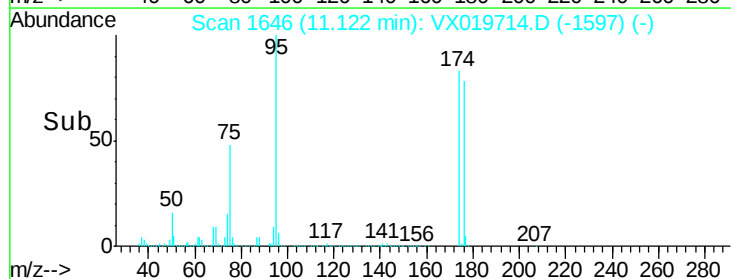
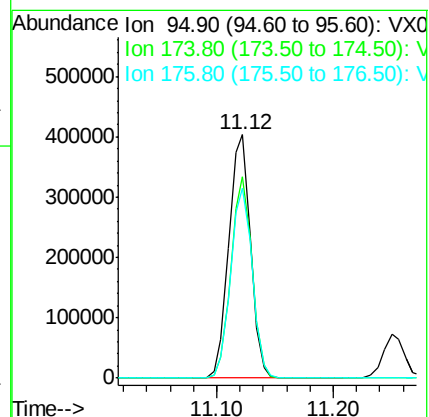
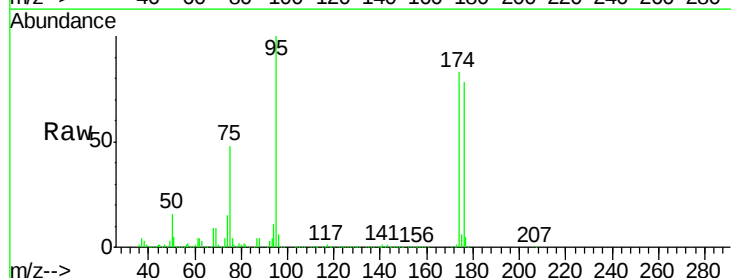
Tgt Ion: 95 Resp: 518141

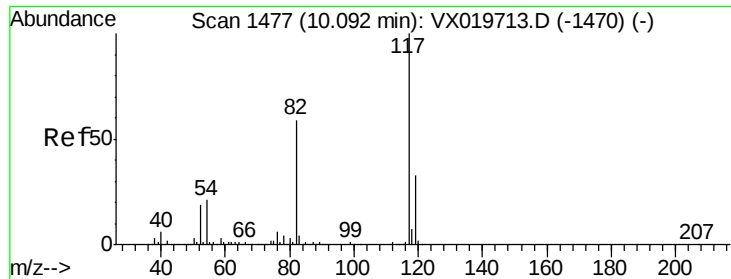
Ion Ratio Lower Upper

95 100

174 80.7 0.0 154.6

176 78.4 0.0 155.8

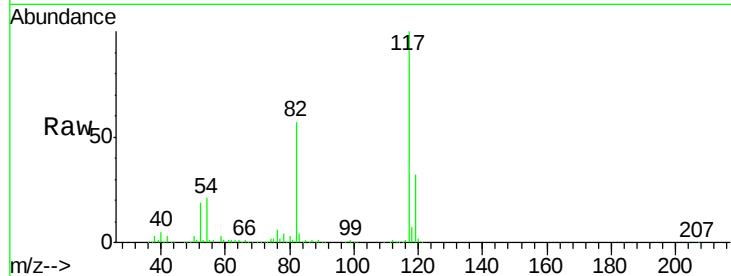




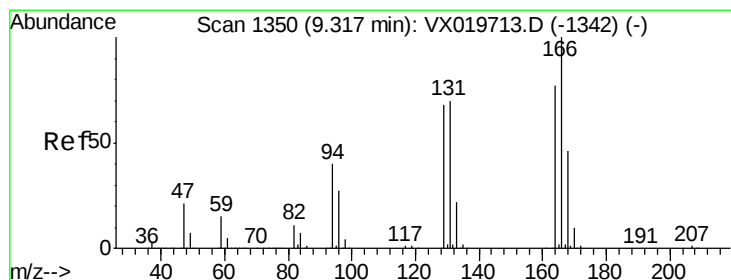
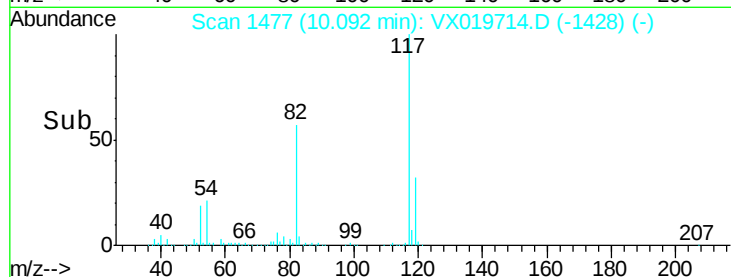
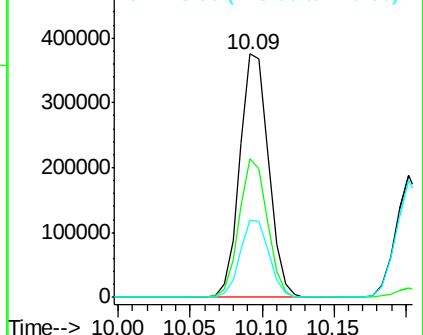
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 519481
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 32.0 26.6 39.8

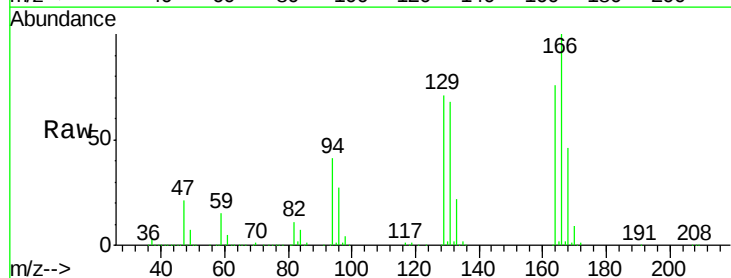


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

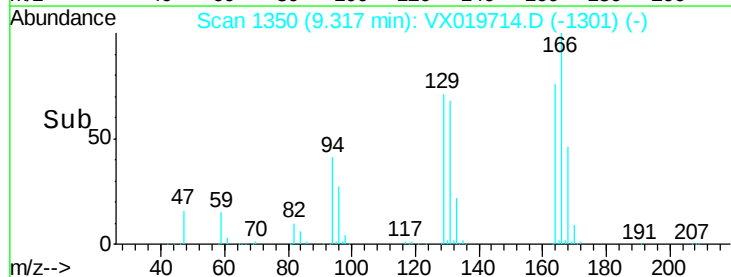
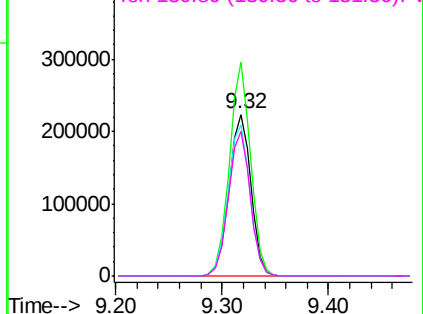


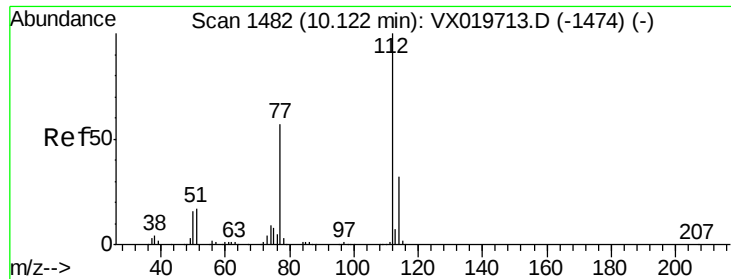
#64
Tetrachloroethene
Concen: 89.711 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion:164 Resp: 321816
Ion Ratio Lower Upper
164 100
166 132.2 103.4 155.2
129 93.8 70.8 106.2
131 89.3 72.5 108.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

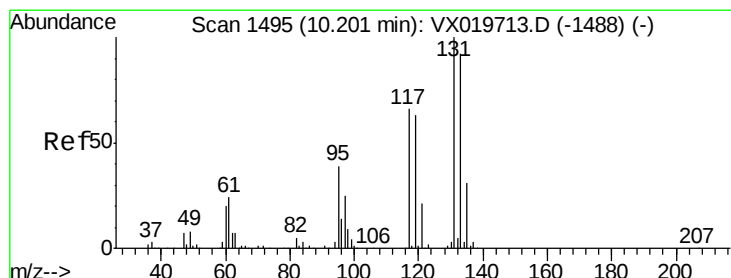
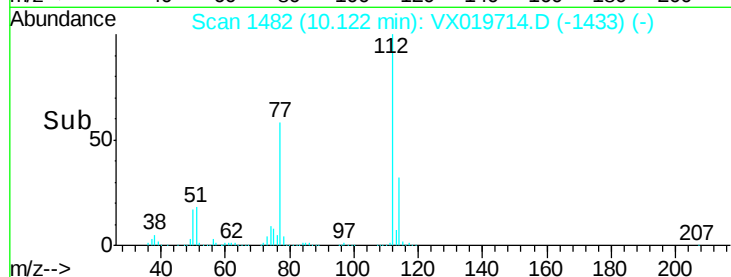
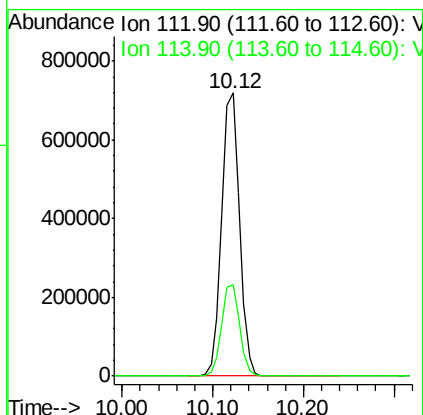
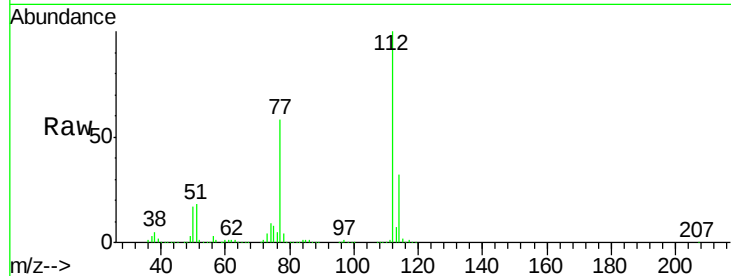




#65
Chlorobenzene
Concen: 92.081 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

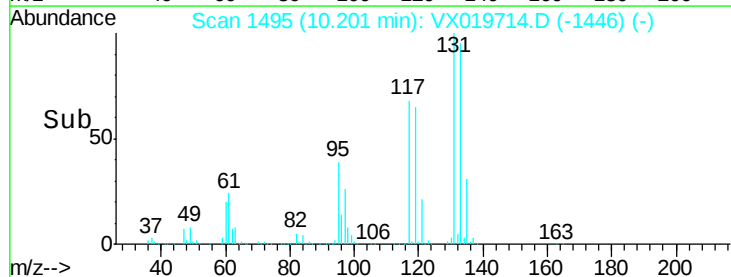
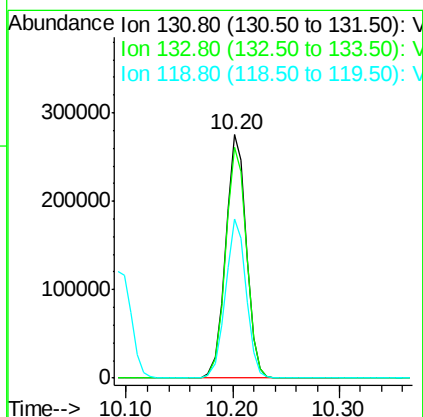
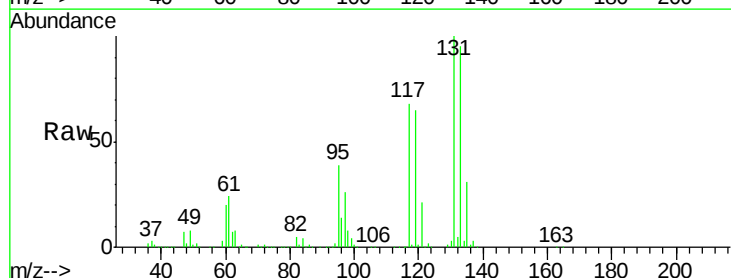
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

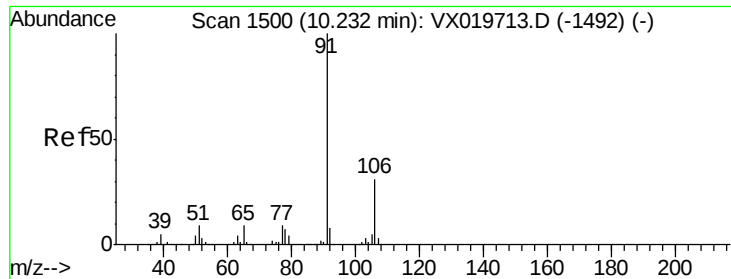
Tgt Ion:112 Resp: 991708
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 95.380 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion:131 Resp: 373289
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 65.3 32.1 96.5





#67

Ethyl Benzene

Concen: 93.765 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

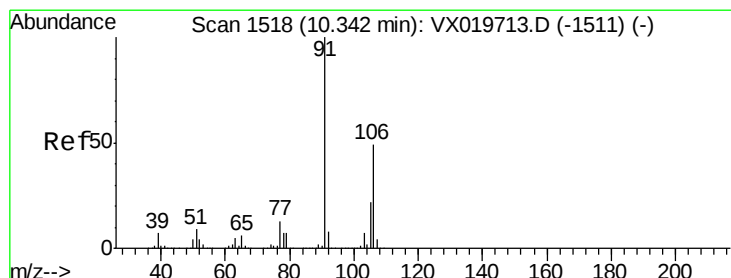
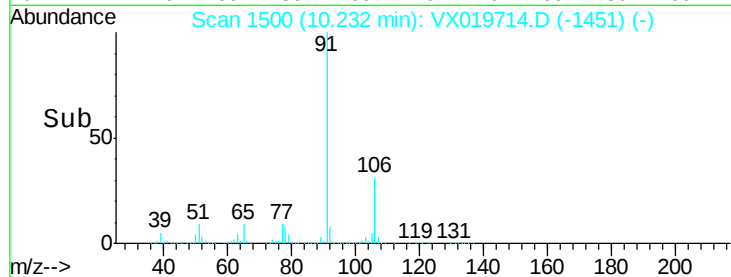
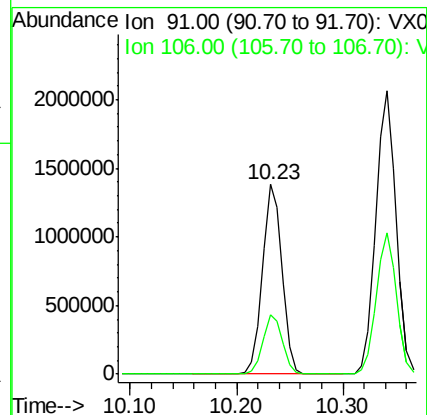
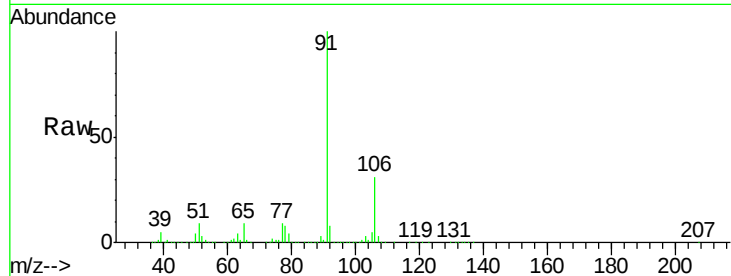
VSTDIC100

Tgt Ion: 91 Resp: 1781041

Ion Ratio Lower Upper

91 100

106 31.5 24.6 37.0



#68

m/p-Xylenes

Concen: 192.183 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019714.D

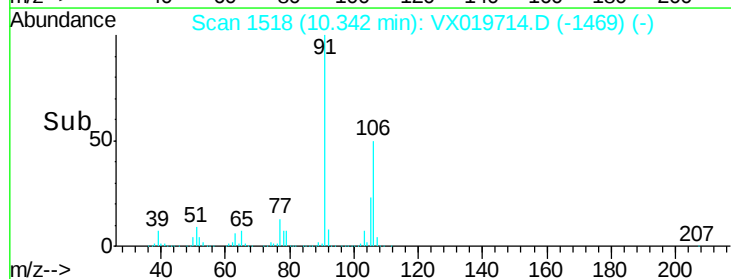
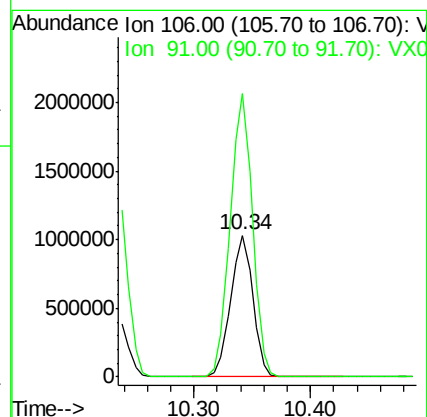
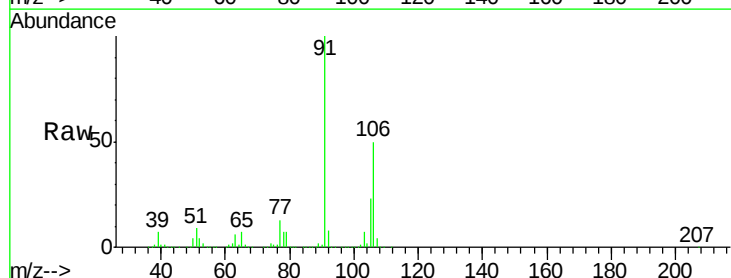
Acq: 04 Dec 2020 12:47

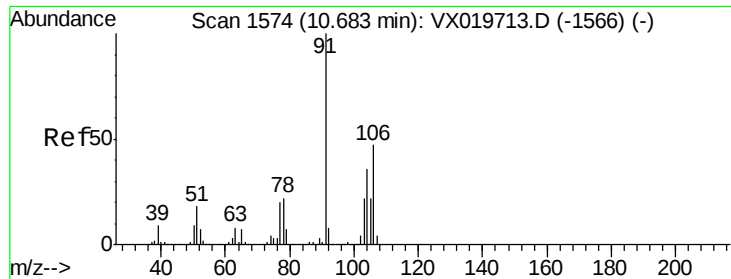
Tgt Ion: 106 Resp: 1365147

Ion Ratio Lower Upper

106 100

91 200.8 162.8 244.2

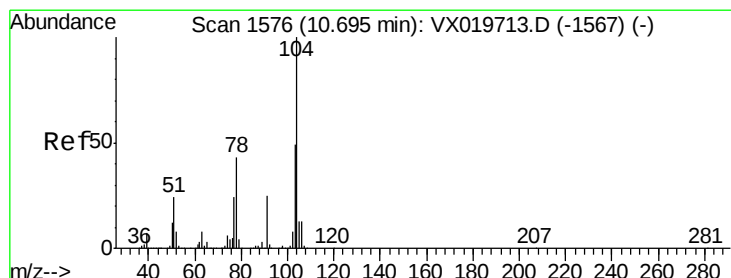
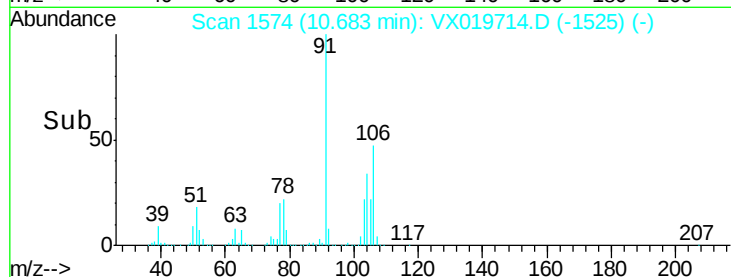
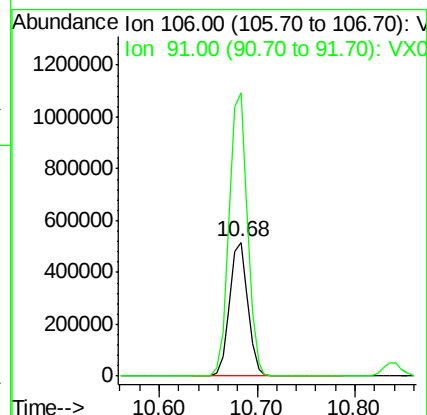
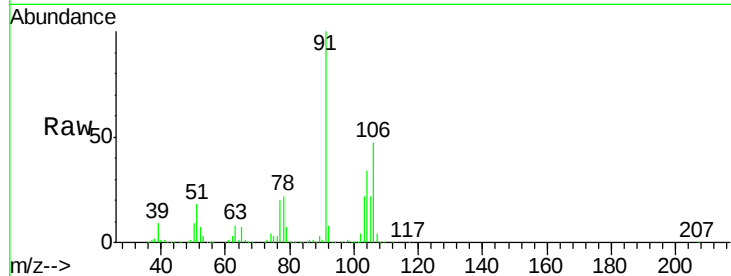




#69
o-Xylene
Concen: 96.560 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

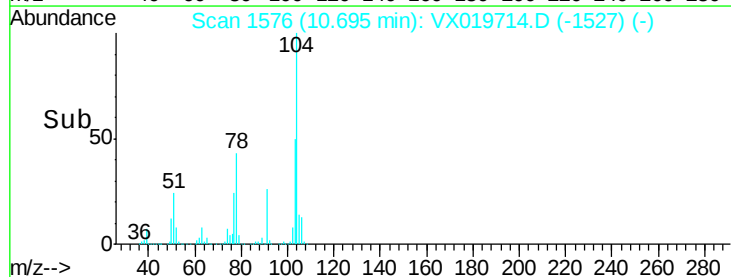
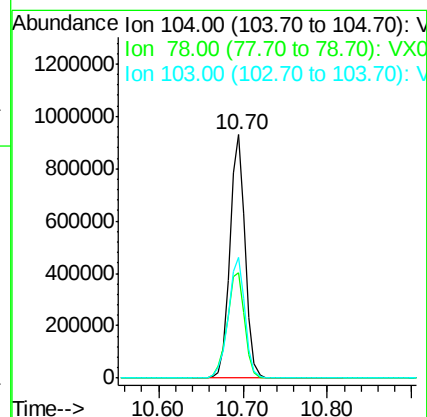
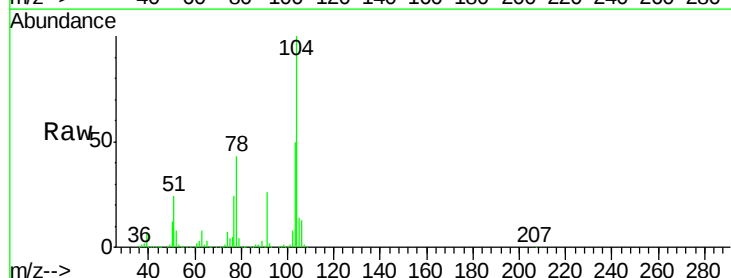
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

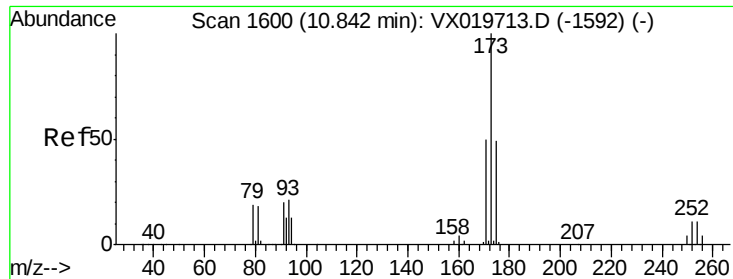
Tgt Ion:106 Resp: 665836
Ion Ratio Lower Upper
106 100
91 214.0 108.1 324.2



#70
Styrene
Concen: 99.979 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019714.D
Acq: 04 Dec 2020 12:47

Tgt Ion:104 Resp: 1156322
Ion Ratio Lower Upper
104 100
78 49.8 40.0 60.0
103 54.2 43.4 65.0





#71

Bromoform

Concen: 102.649 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

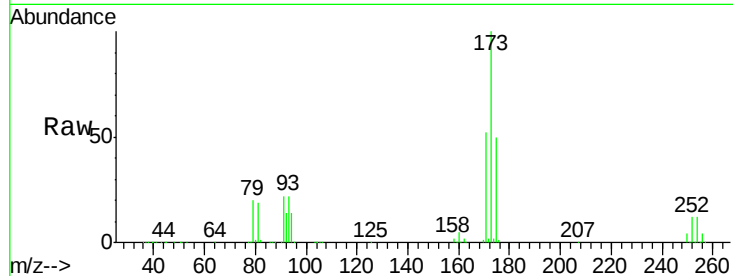
Tgt Ion:173 Resp: 310875

Ion Ratio Lower Upper

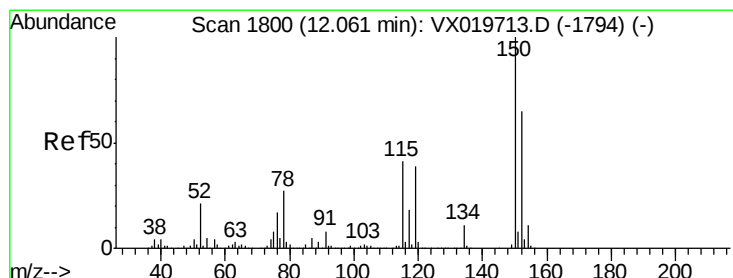
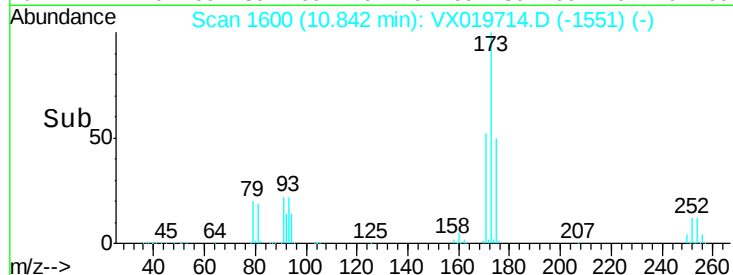
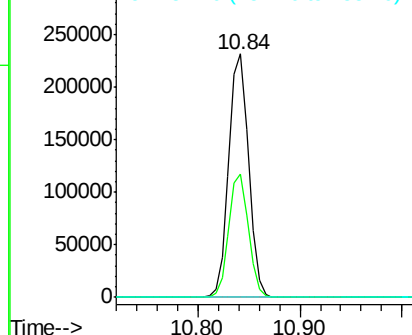
173 100

175 50.1 23.9 71.8

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

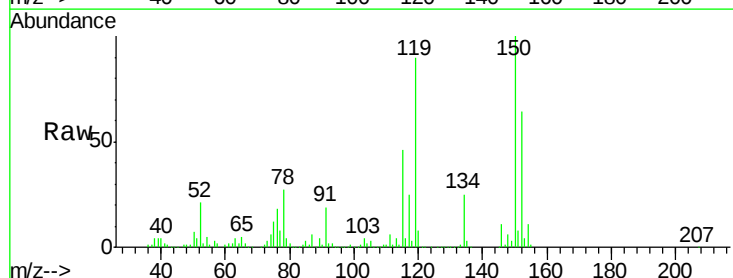
Tgt Ion:152 Resp: 261504

Ion Ratio Lower Upper

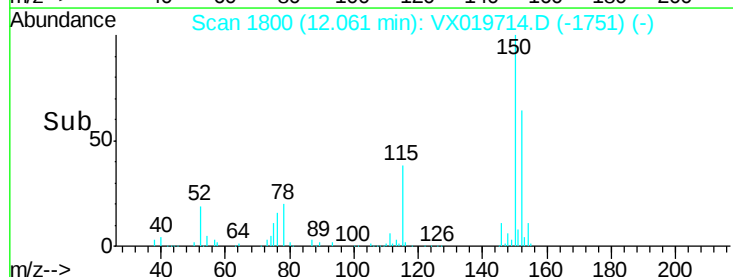
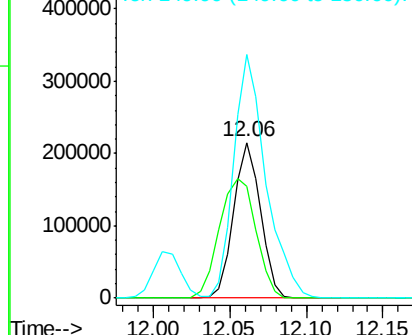
152 100

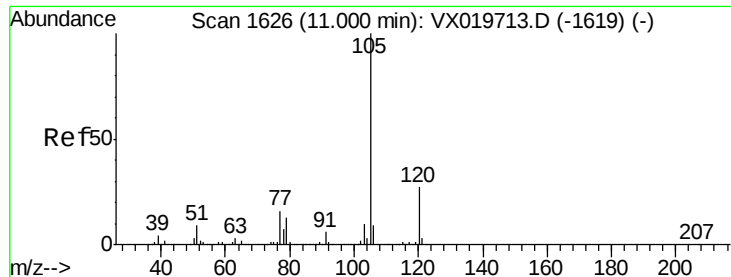
115 104.9 41.1 123.3

150 188.2 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: 96.699 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

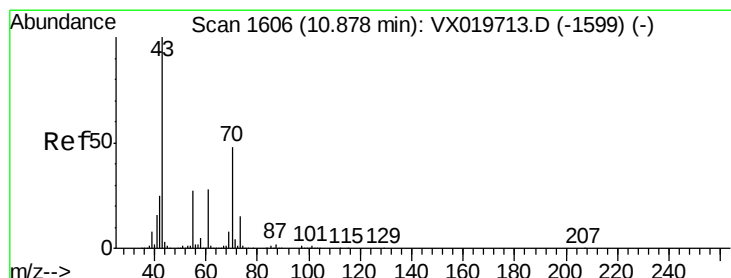
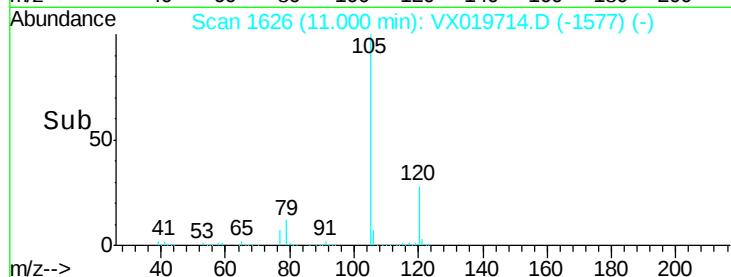
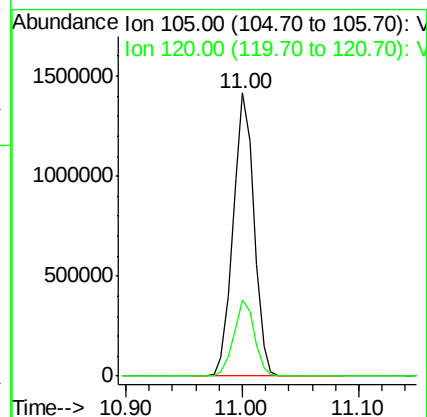
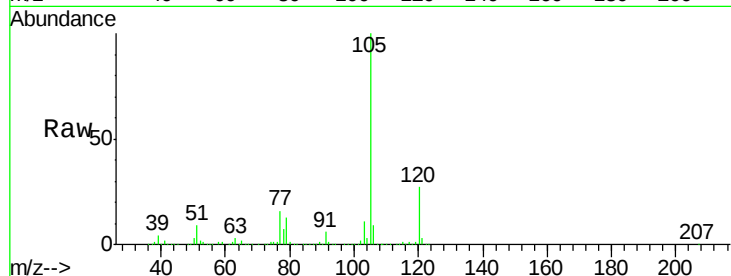
VSTDIC100

Tgt Ion: 105 Resp: 1761031

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 99.749 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Tgt Ion: 43 Resp: 729352

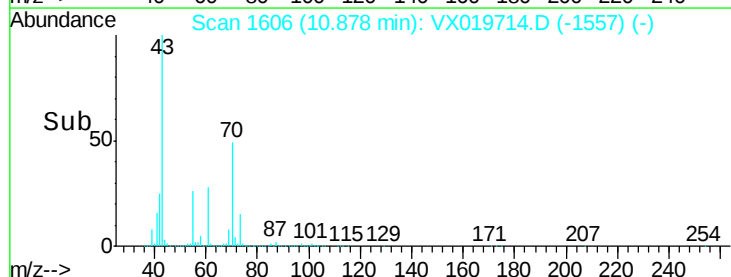
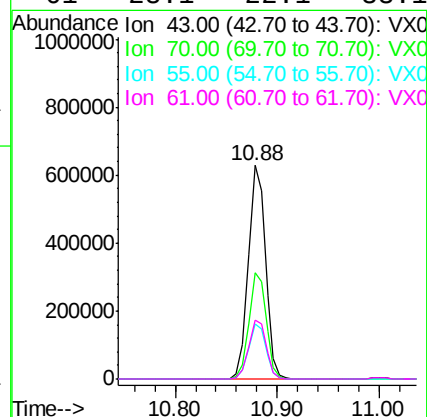
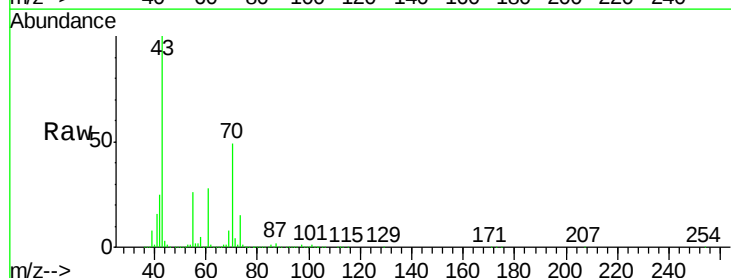
Ion Ratio Lower Upper

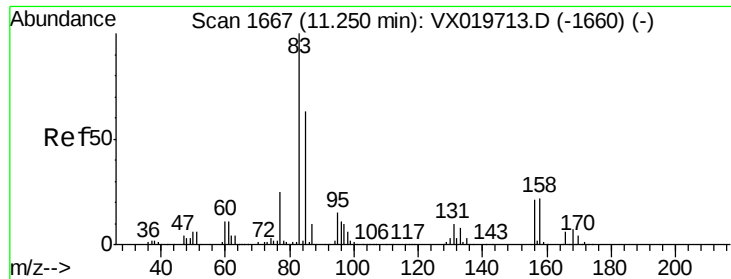
43 100

70 50.1 39.0 58.6

55 26.5 21.5 32.3

61 28.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 91.114 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

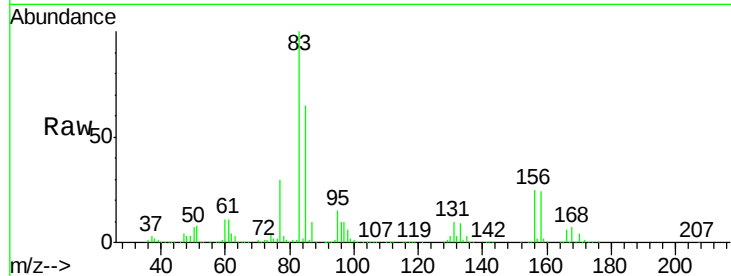
Tgt Ion: 83 Resp: 600882

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

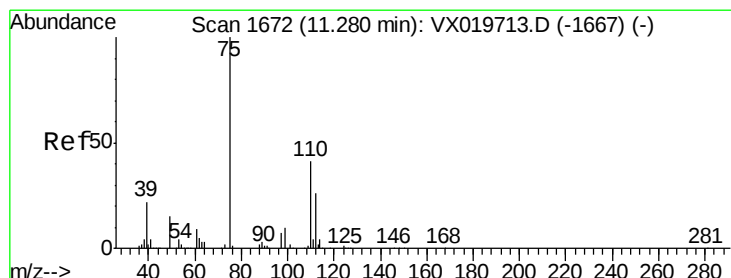
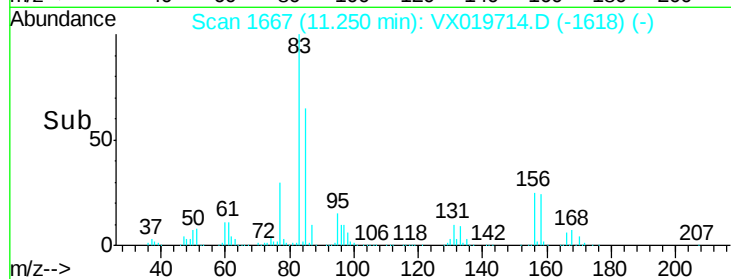
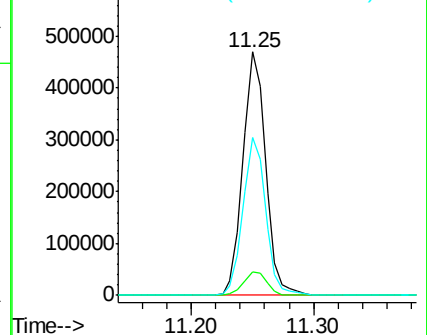
85 64.7 31.8 95.4



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: 119.696 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019714.D

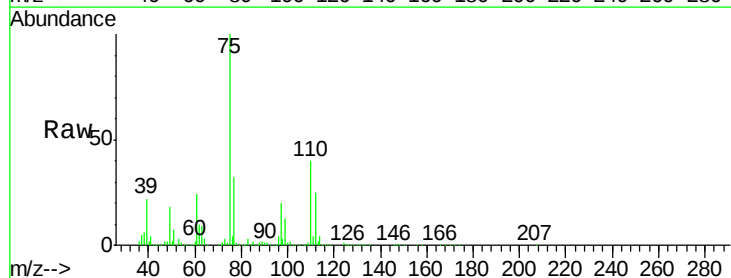
Acq: 04 Dec 2020 12:47

Tgt Ion: 75 Resp: 717378

Ion Ratio Lower Upper

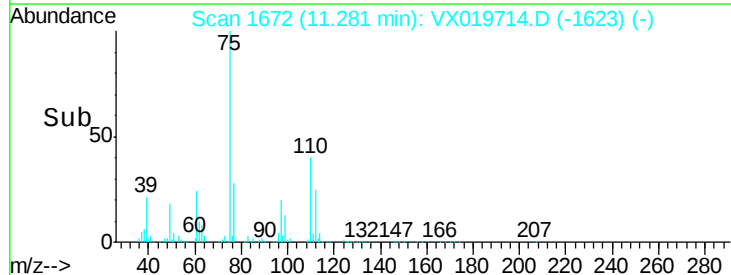
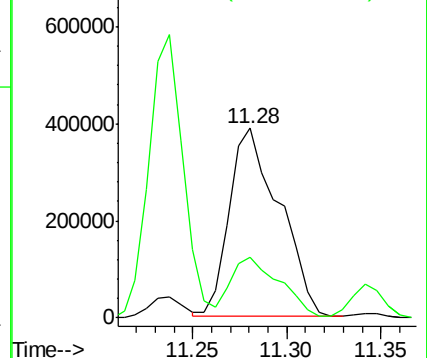
75 100

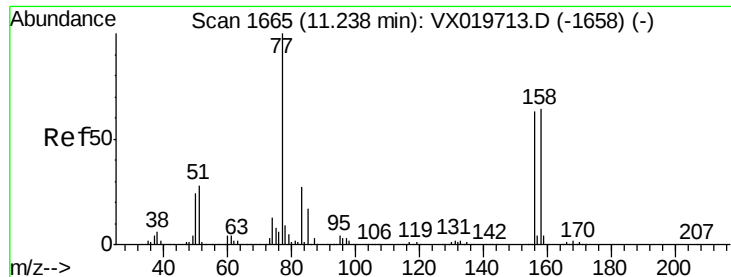
77 31.5 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 96.035 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

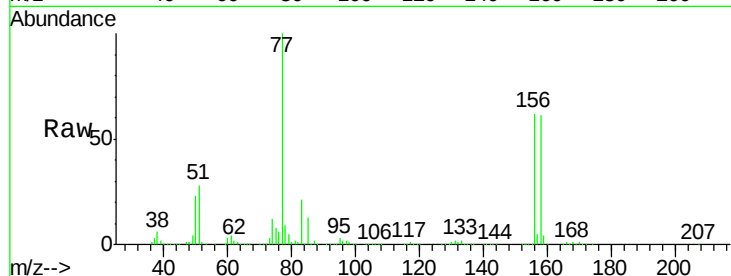
Tgt Ion:156 Resp: 453230

Ion Ratio Lower Upper

156 100

77 164.0 82.8 248.6

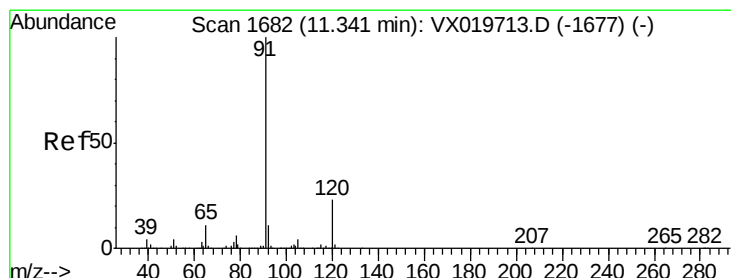
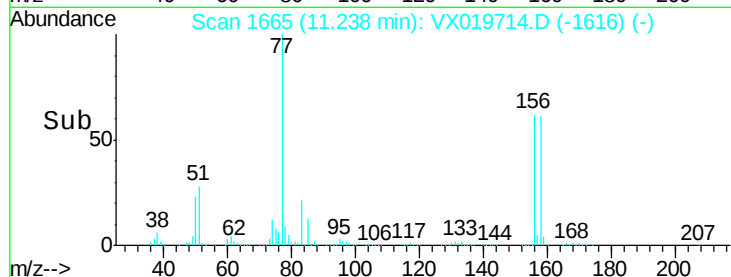
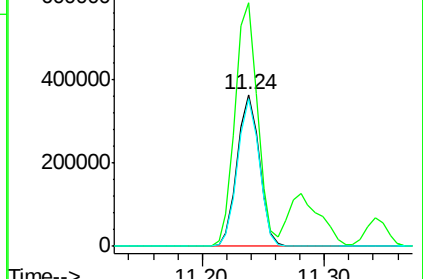
158 96.1 49.1 147.4



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: 98.416 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019714.D

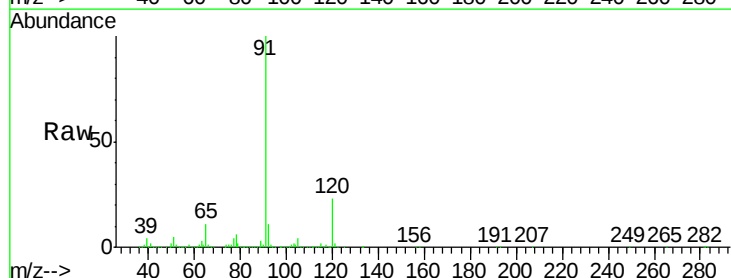
Acq: 04 Dec 2020 12:47

Tgt Ion: 91 Resp: 2066325

Ion Ratio Lower Upper

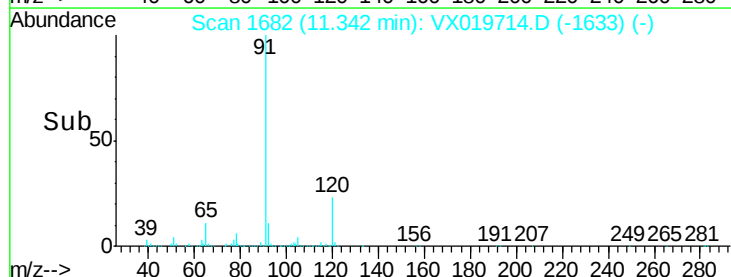
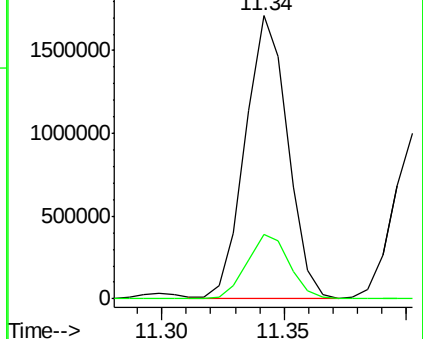
91 100

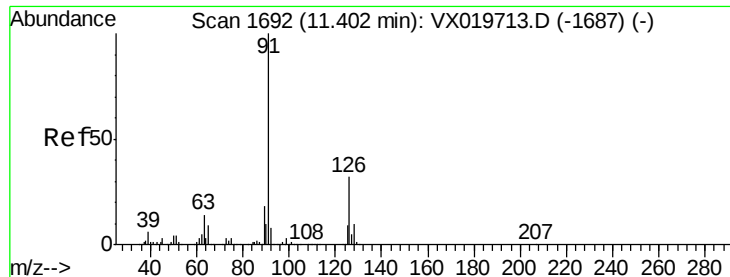
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

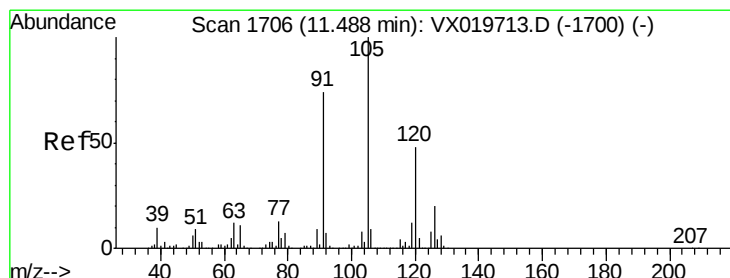
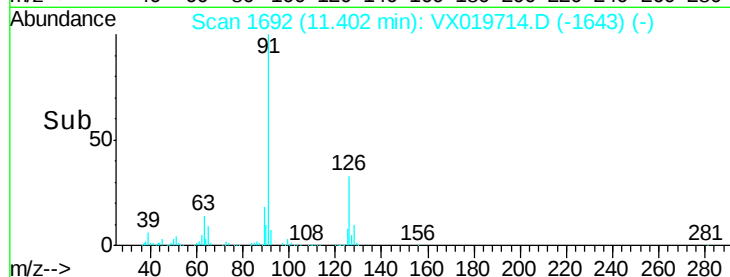
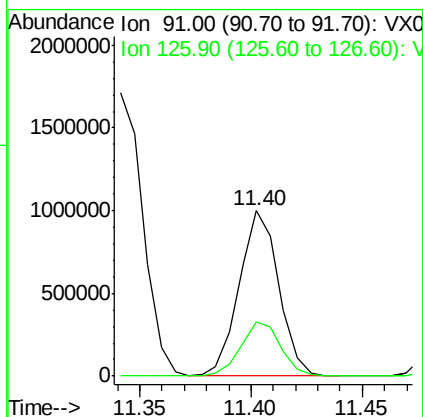
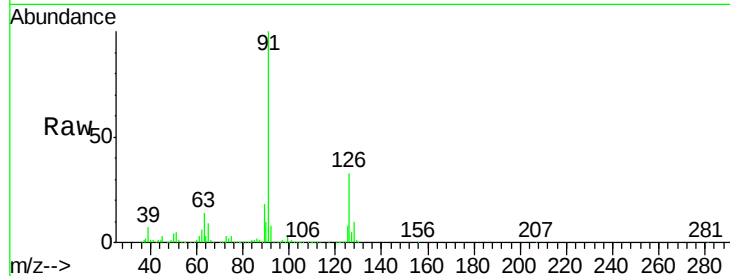




#79
 2-Chlorotoluene
 Concen: 96.758 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

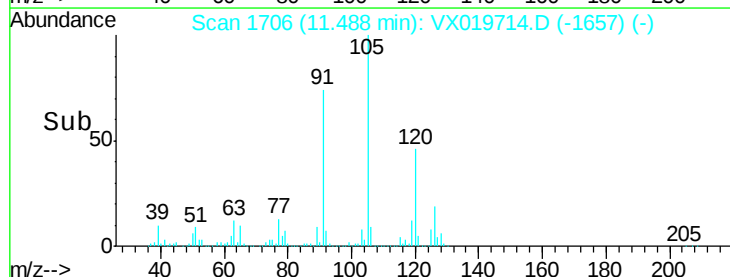
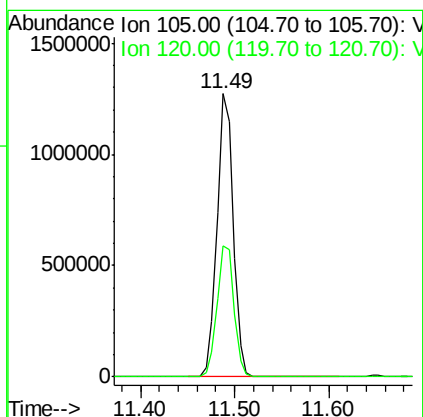
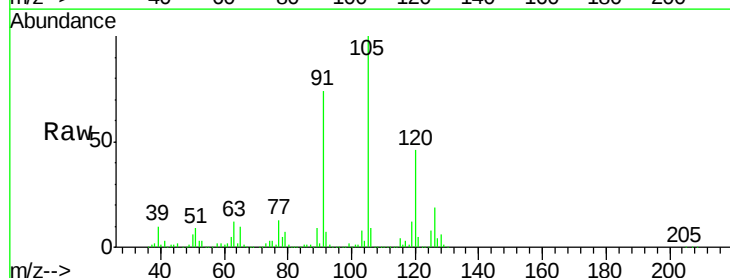
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

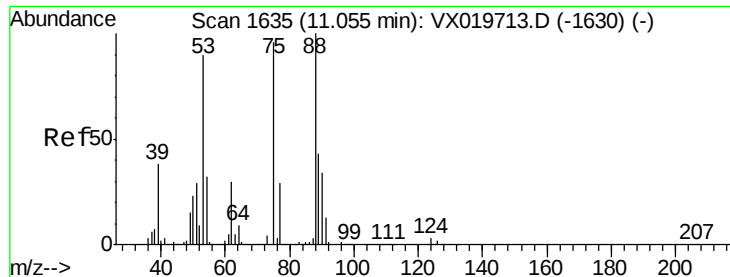
Tgt Ion: 91 Resp: 1235628
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 98.472 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion: 105 Resp: 1516693
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 103.525 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

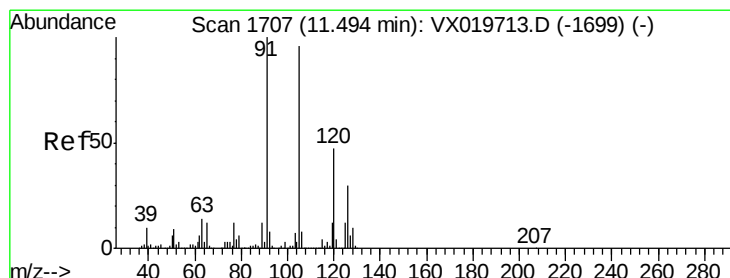
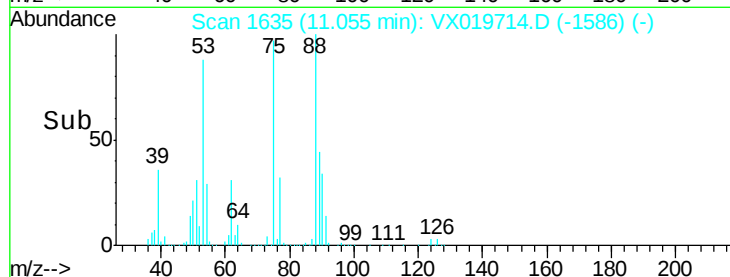
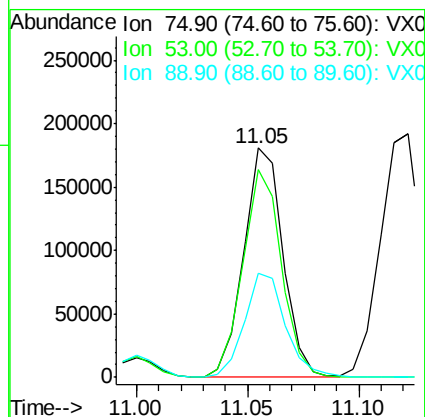
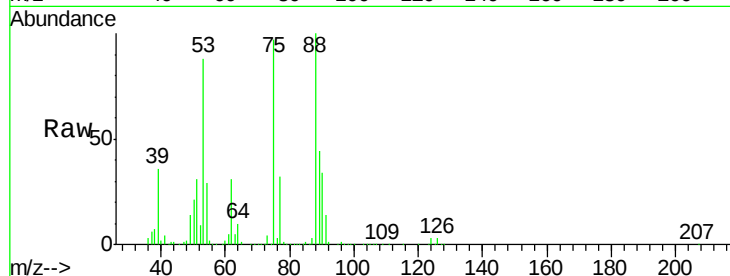
Tgt Ion: 75 Resp: 221827

Ion Ratio Lower Upper

75 100

53 89.4 74.5 111.7

89 48.0 37.9 56.9



#82

4-Chlorotoluene

Concen: 97.926 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019714.D

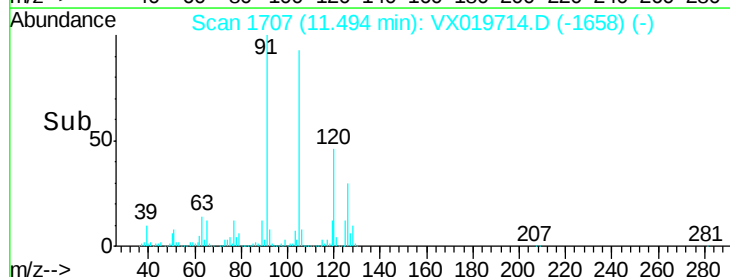
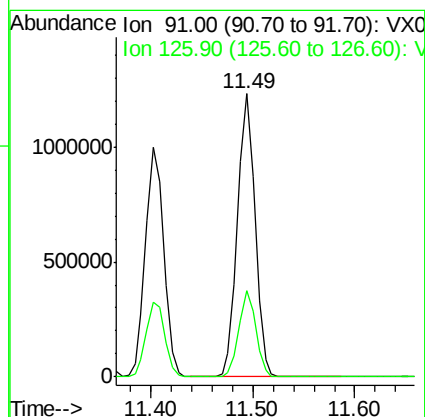
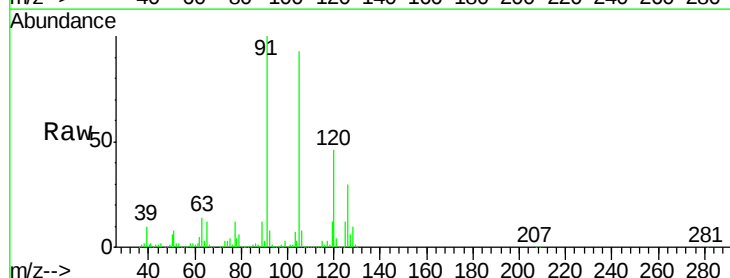
Acq: 04 Dec 2020 12:47

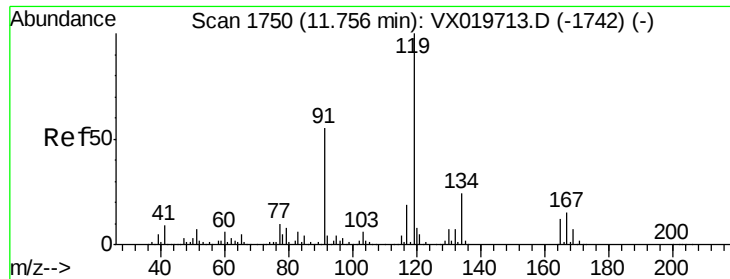
Tgt Ion: 91 Resp: 1457741

Ion Ratio Lower Upper

91 100

126 29.4 14.9 44.5

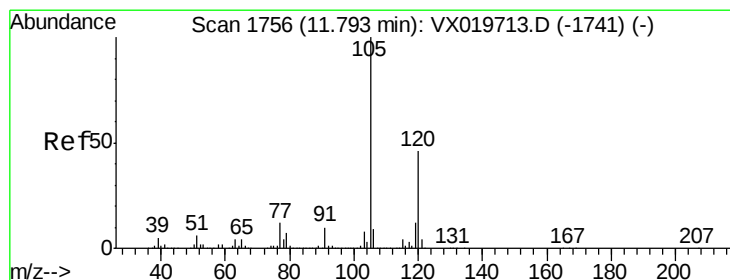
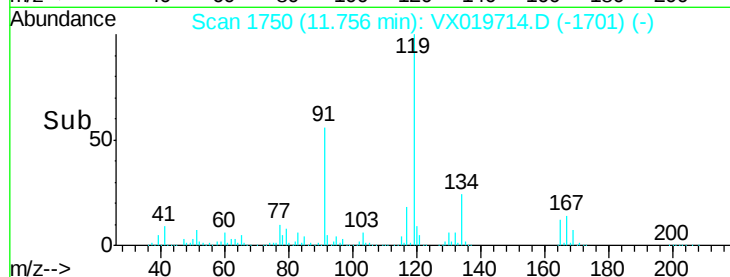
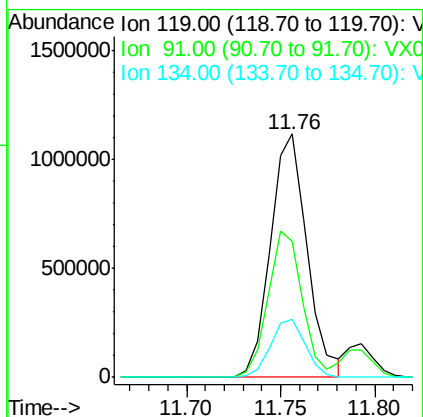
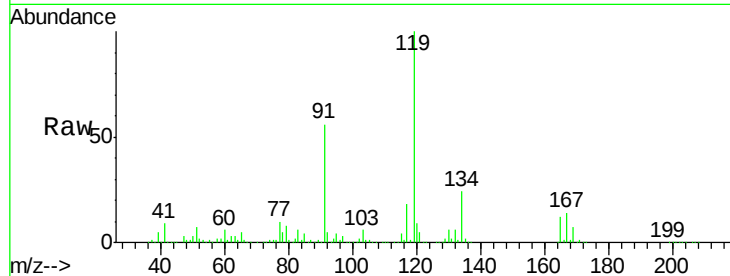




#83
 tert-Butylbenzene
 Concen: 98.436 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

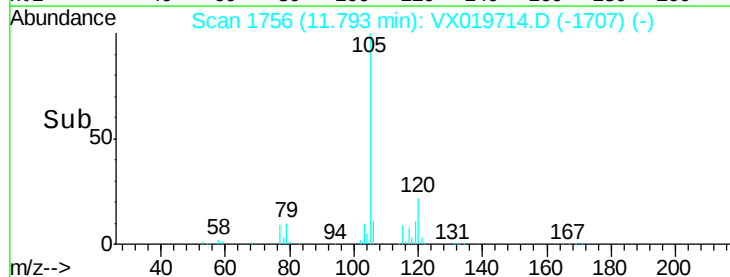
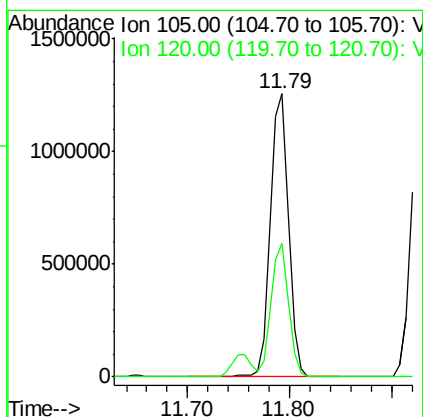
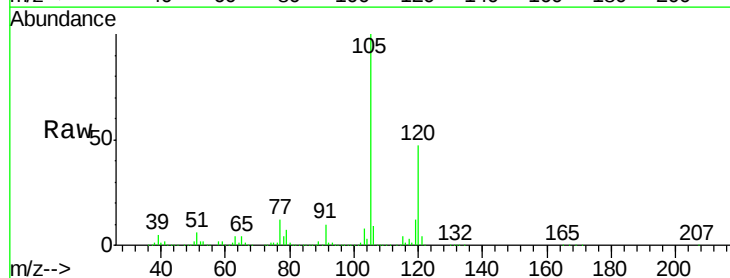
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

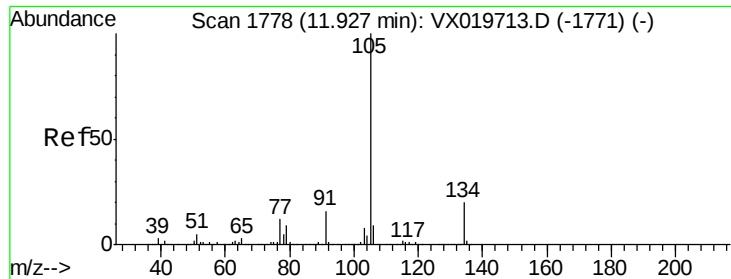
Tgt Ion:119 Resp: 1501083
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.9 83.7
 134 23.0 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 98.721 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion:105 Resp: 1536579
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3

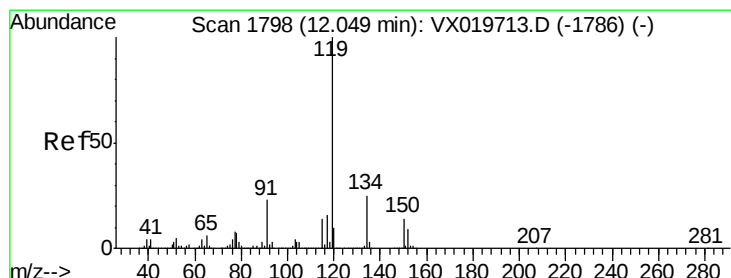
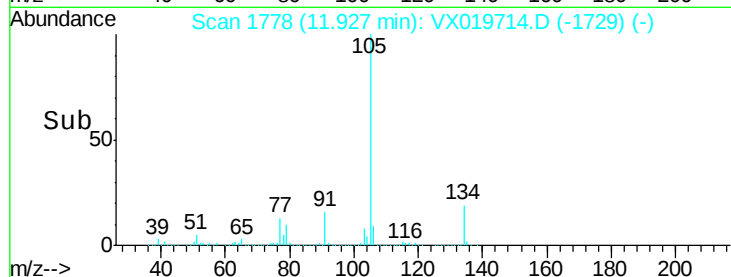
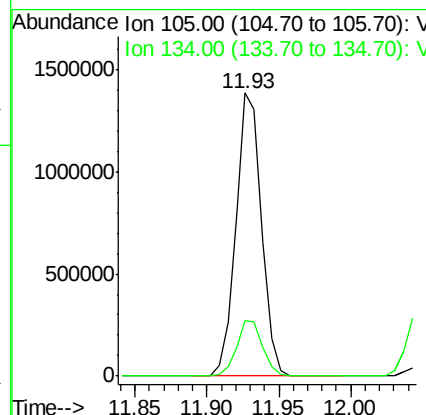
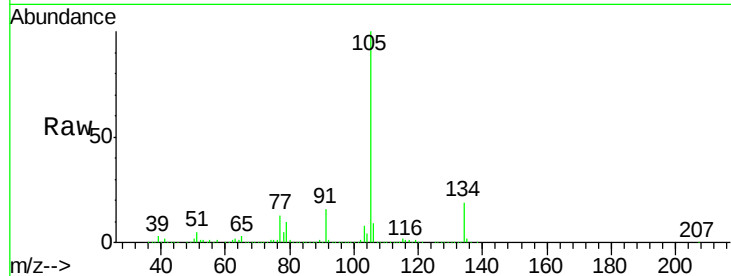




#85
 sec-Butylbenzene
 Concen: 99.229 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

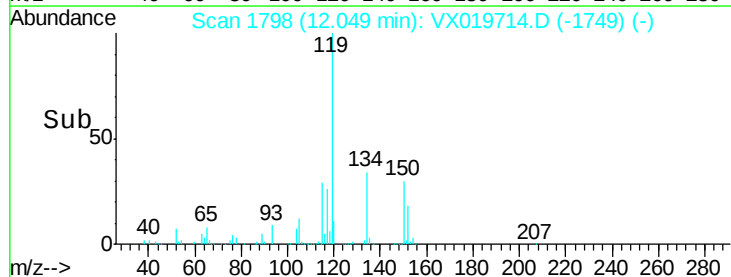
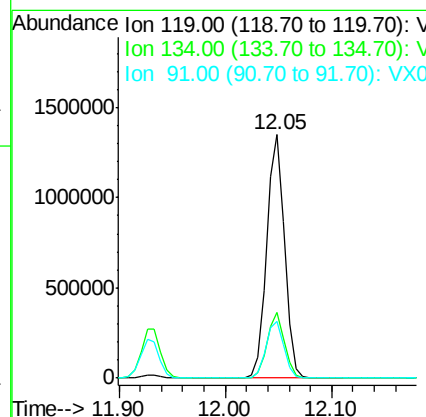
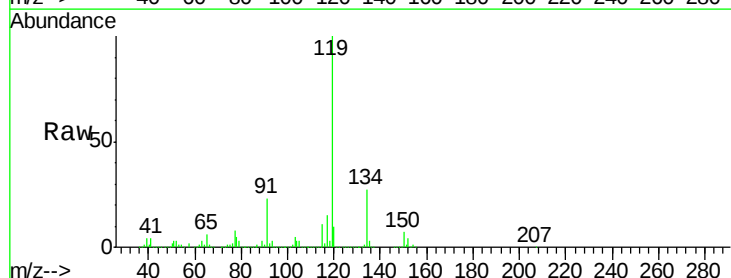
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

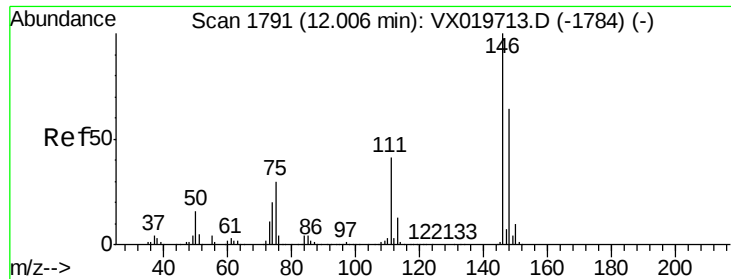
Tgt Ion:105 Resp: 1718590
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 99.130 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion:119 Resp: 1584281
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 23.6 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 94.199 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

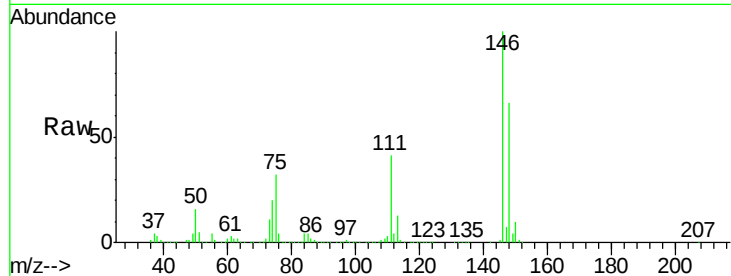
Tgt Ion:146 Resp: 808895

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

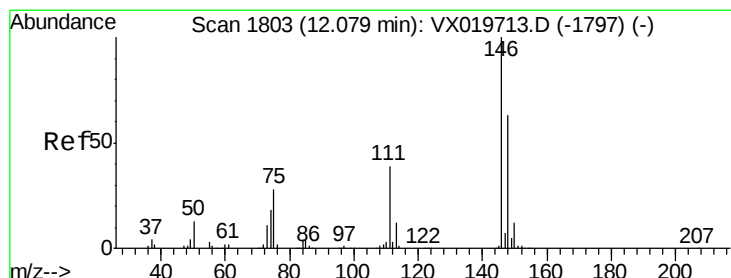
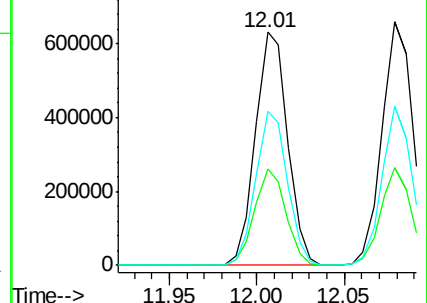
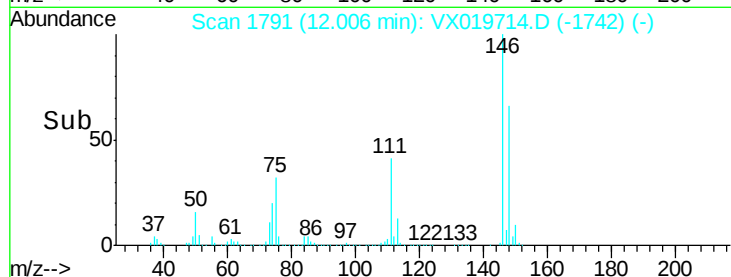
148 65.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 92.455 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

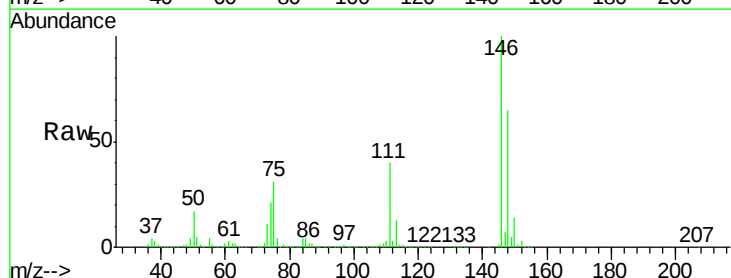
Tgt Ion:146 Resp: 811007

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.8

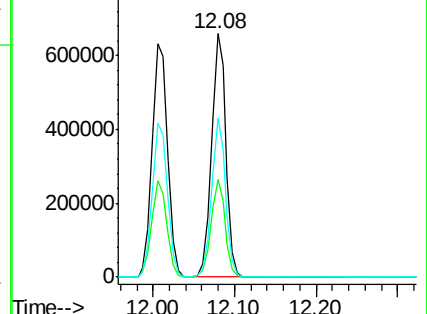
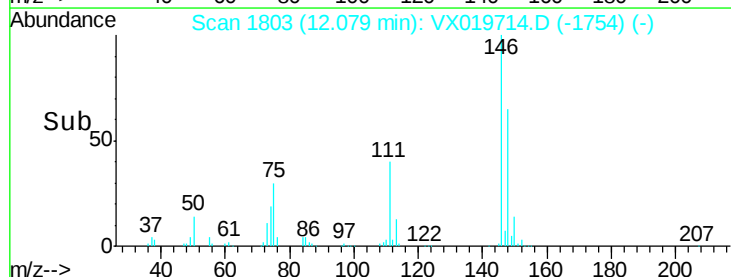
148 63.3 31.6 95.0

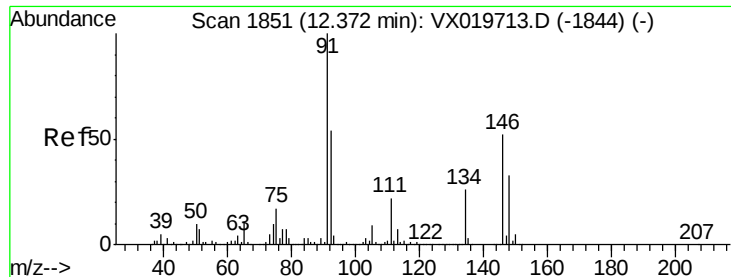


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 100.769 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

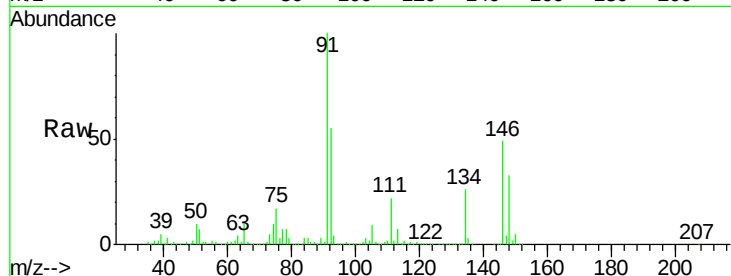
Tgt Ion: 91 Resp: 1411169

Ion Ratio Lower Upper

91 100

92 55.1 27.4 82.0

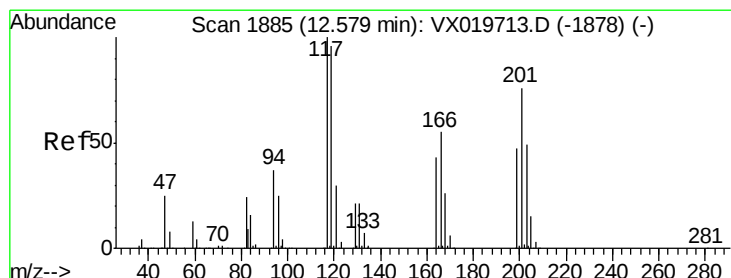
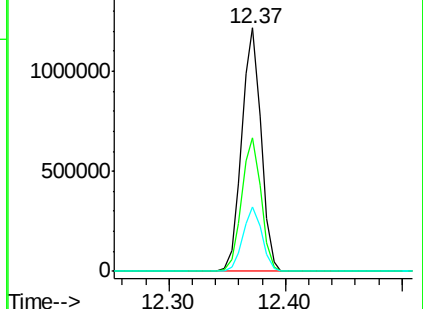
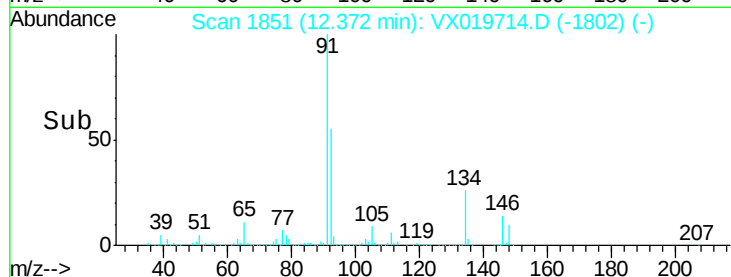
134 26.3 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX019714.D (-1844) (-)

Ion 92.00 (91.70 to 92.70): VX019714.D (-1844) (-)

Ion 134.00 (133.70 to 134.70): VX019714.D (-1844) (-)



#90

Hexachloroethane

Concen: 103.493 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019714.D

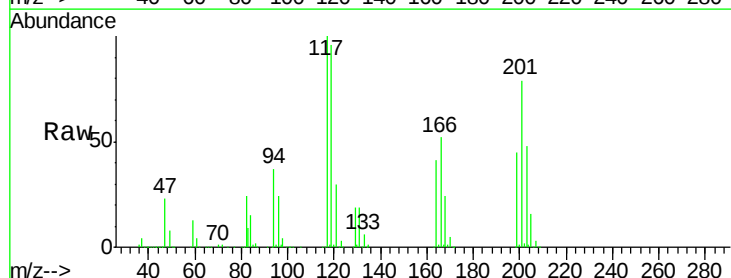
Acq: 04 Dec 2020 12:47

Tgt Ion: 117 Resp: 281245

Ion Ratio Lower Upper

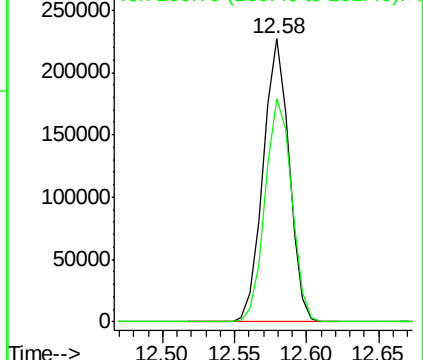
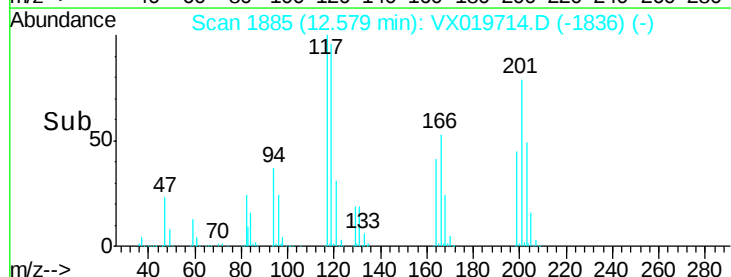
117 100

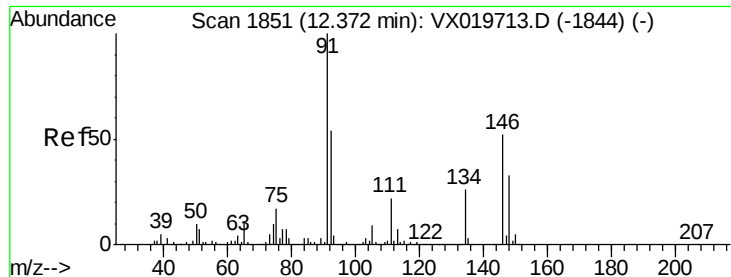
201 81.0 40.4 121.2



Abundance Ion 116.80 (116.50 to 117.50): VX019714.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX019714.D (-1878) (-)





#91

1,2-Dichlorobenzene

Concen: 91.482 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

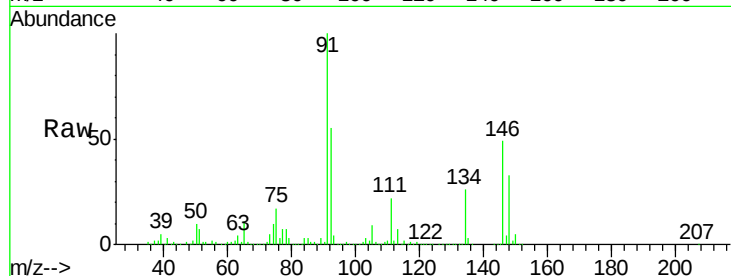
Tgt Ion:146 Resp: 769059

Ion Ratio Lower Upper

146 100

111 42.6 20.8 62.2

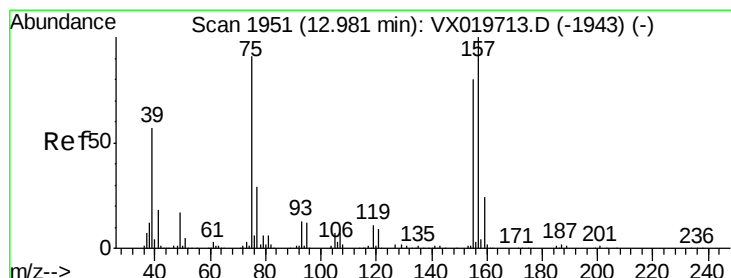
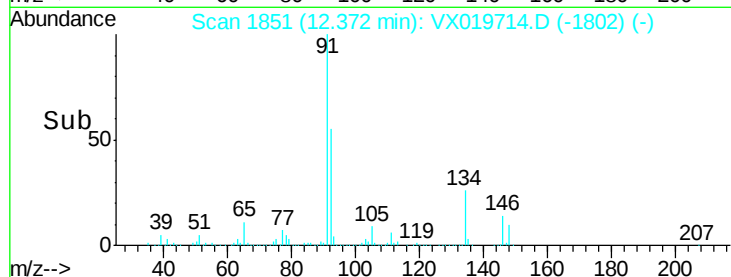
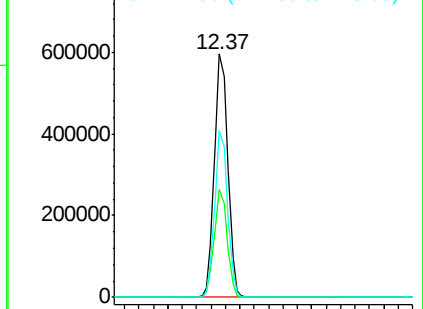
148 65.8 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 99.845 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

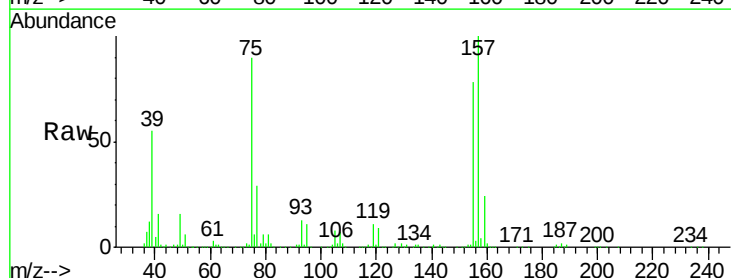
Tgt Ion: 75 Resp: 139082

Ion Ratio Lower Upper

75 100

155 88.2 45.3 135.9

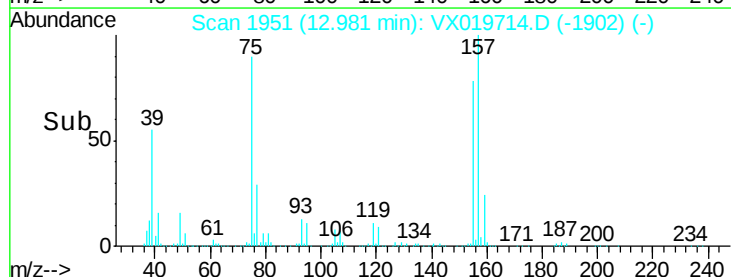
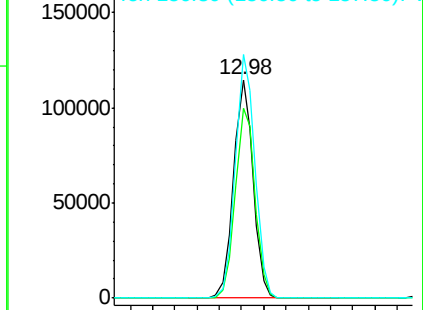
157 111.8 57.7 173.1

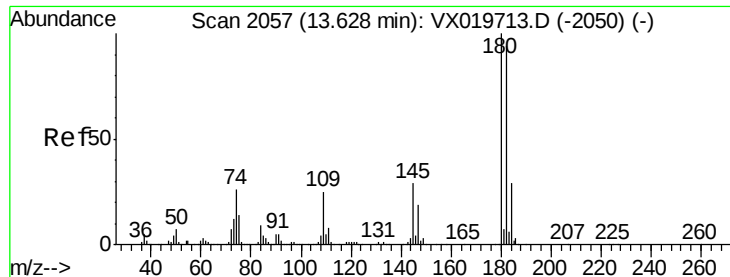


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

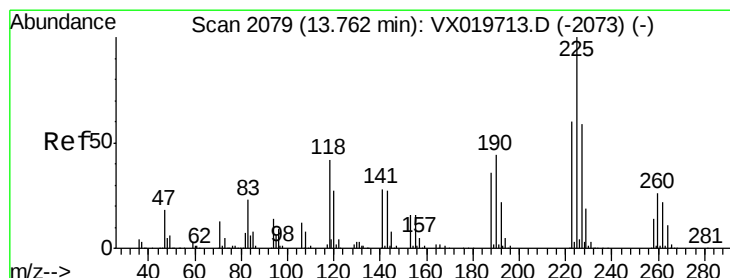
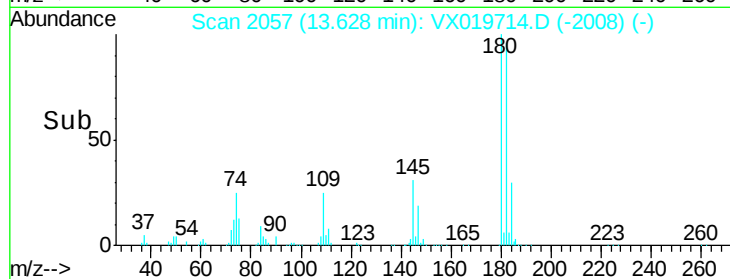
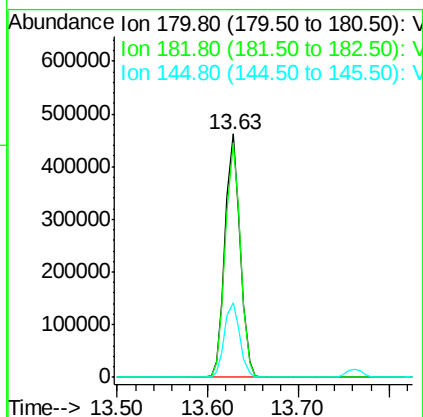
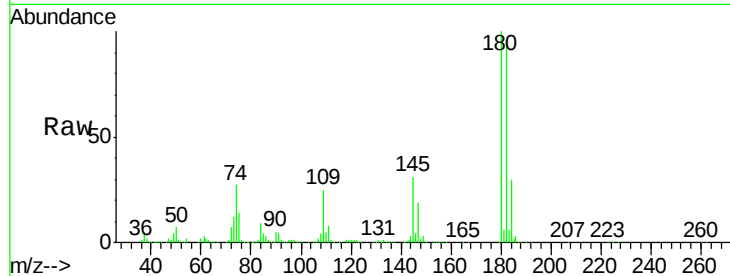




#93
 1,2,4-Trichlorobenzene
 Concen: 98.698 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

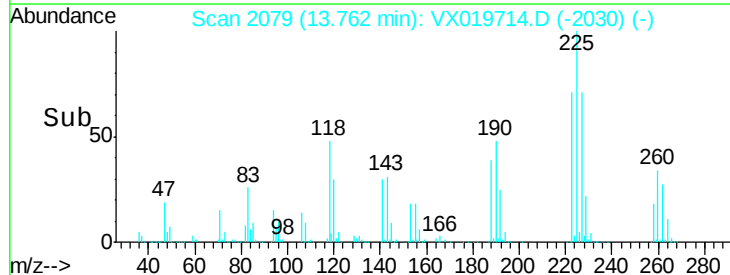
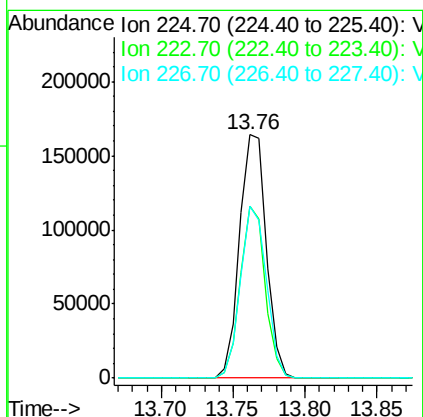
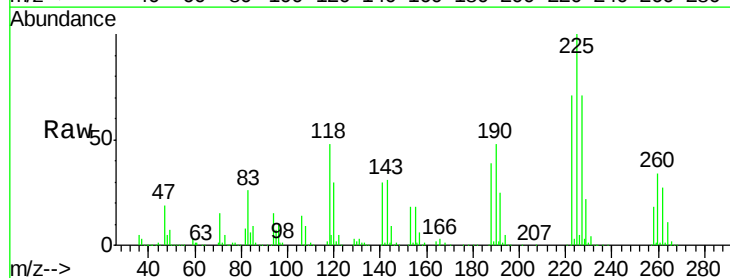
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

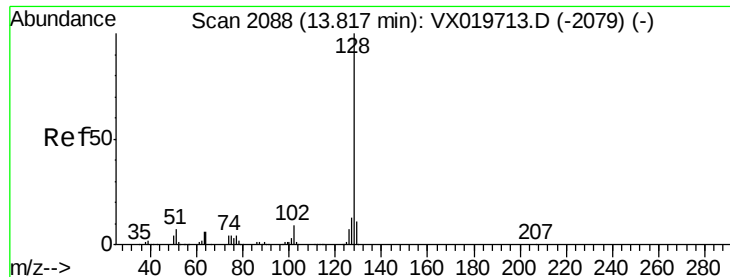
Tgt Ion:180 Resp: 537722
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.7 143.1
 145 31.3 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 91.663 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019714.D
 Acq: 04 Dec 2020 12:47

Tgt Ion:225 Resp: 211900
 Ion Ratio Lower Upper
 225 100
 223 65.8 31.1 93.2
 227 68.4 31.6 95.0





#95

Naphthalene

Concen: 102.937 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

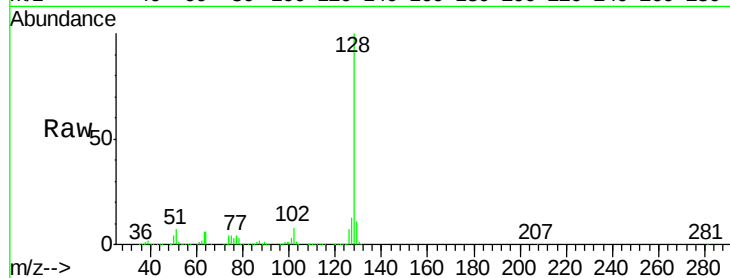
Tgt Ion:128 Resp: 1819855

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

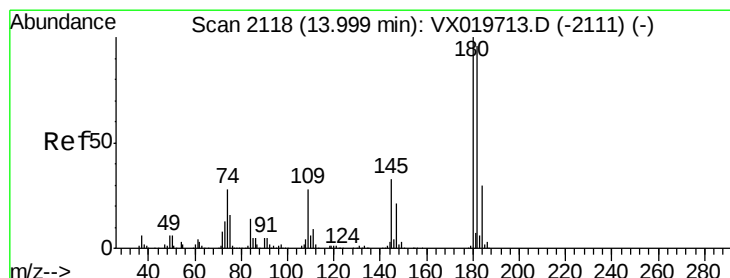
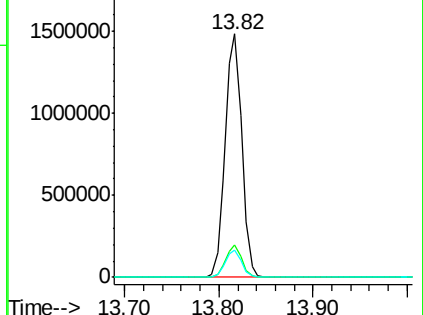
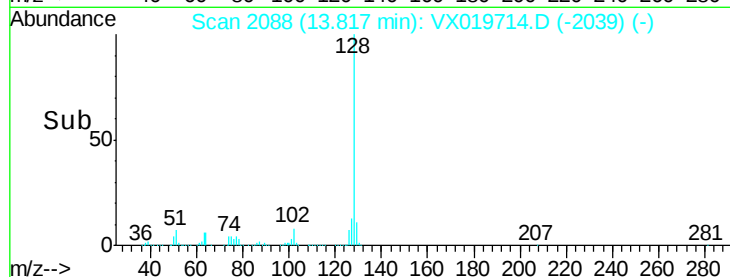
129 11.1 8.8 13.2



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: 97.469 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019714.D

Acq: 04 Dec 2020 12:47

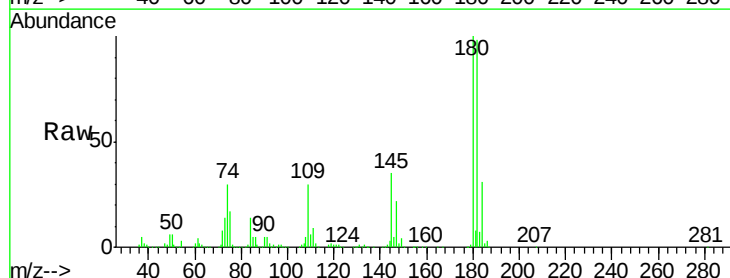
Tgt Ion:180 Resp: 526762

Ion Ratio Lower Upper

180 100

182 96.3 47.6 142.9

145 33.0 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

