

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
 Data File : VX016935.D
 Acq On : 23 Jun 2020 17:16
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 24 00:15:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062320W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 00:11:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	199749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	341629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	134923	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	147476	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	
35) Dibromofluoromethane	5.46	113	111356	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
50) Toluene-d8	8.70	98	406864	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.12	95	168488	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	116453	49.992	ug/l	100
3) Chloromethane	1.32	50	103771	47.320	ug/l	100
4) Vinyl Chloride	1.39	62	105172	47.966	ug/l	100
5) Bromomethane	1.62	94	61243	51.939	ug/l	100
6) Chloroethane	1.71	64	71558	45.061	ug/l	100
7) Trichlorofluoromethane	1.92	101	180803	46.749	ug/l	100
8) Diethyl Ether	2.17	74	64820	44.079	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	103355	47.919	ug/l	100
10) Methyl Iodide	2.50	142	139872	50.277	ug/l	100
11) Tert butyl alcohol	3.01	59	162802	245.459	ug/l	100
12) 1,1-Dichloroethene	2.35	96	98383	48.452	ug/l	100
13) Acrolein	2.27	56	85669	245.116	ug/l	100
14) Allyl chloride	2.71	41	225413	48.515	ug/l	100
15) Acrylonitrile	3.12	53	359367	248.040	ug/l	100
16) Acetone	2.42	43	284160	237.014	ug/l	100
17) Carbon Disulfide	2.55	76	297661	46.615	ug/l	100
18) Methyl Acetate	2.75	43	192312	48.440	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	425776	48.510	ug/l	100
20) Methylene Chloride	2.84	84	133863	44.759	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	117040	46.233	ug/l	100
22) Diisopropyl ether	3.82	45	364577	44.607	ug/l	100
23) Vinyl Acetate	3.79	43	1519401	230.186	ug/l	100
24) 1,1-Dichloroethane	3.67	63	189563	40.278	ug/l	100
25) 2-Butanone	4.63	43	482006	254.750	ug/l	100
26) 2,2-Dichloropropane	4.55	77	200508	48.461	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	132140	46.405	ug/l	100
28) Bromochloromethane	4.98	49	116257	47.560	ug/l	100
29) Tetrahydrofuran	5.09	42	329900	283.987	ug/l	100
30) Chloroform	5.18	83	248463	50.113	ug/l	100
31) Cyclohexane	5.55	56	191038	50.951	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	212129	48.803	ug/l	100
36) 1,1-Dichloropropene	5.77	75	174119	53.444	ug/l	100
37) Ethyl Acetate	4.79	43	194524	54.343	ug/l	100
38) Carbon Tetrachloride	5.76	117	190131	54.575	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	189299	52.721	ug/l	100
40) Benzene	6.12	78	506100	54.218	ug/l	100
41) Methacrylonitrile	5.01	41	113863	54.604	ug/l	100
42) 1,2-Dichloroethane	6.17	62	197297	51.494	ug/l	100
43) Isopropyl Acetate	6.42	43	329971	52.906	ug/l	100
44) Trichloroethene	7.19	130	128705	49.259	ug/l	100
45) 1,2-Dichloropropane	7.49	63	127178	49.177	ug/l	100
46) Dibromomethane	7.64	93	91456	51.166	ug/l	100
47) Bromodichloromethane	7.88	83	178897	47.720	ug/l	100
48) Methyl methacrylate	7.74	41	132766	45.780	ug/l	100
49) 1,4-Dioxane	7.71	88	63156	1012.582	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	962769	265.014	ug/l	100
52) Toluene	8.76	92	292431	51.000	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	227325	52.681	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	192771	46.296	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	127565	49.122	ug/l	100
56) Ethyl methacrylate	9.16	69	211014	52.459	ug/l	100
57) 1,3-Dichloropropane	9.35	76	212704	48.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	438908	266.383	ug/l	100
59) 2-Hexanone	9.48	43	775032	278.600	ug/l	100
60) Dibromochloromethane	9.57	129	159283	56.070	ug/l	100
61) 1,2-Dibromoethane	9.65	107	147680	55.235	ug/l	100
64) Tetrachloroethene	9.32	164	104088	43.107	ug/l	100
65) Chlorobenzene	10.12	112	357974	49.269	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	139299	49.497	ug/l	100
67) Ethyl Benzene	10.24	91	643902	49.555	ug/l	100
68) m/p-Xylenes	10.34	106	465354	97.518	ug/l	100
69) o-Xylene	10.68	106	231745	50.839	ug/l	100
70) Styrene	10.69	104	411674	53.065	ug/l	100
71) Bromoform	10.84	173	103578	49.494	ug/l	100
73) Isopropylbenzene	11.00	105	615670	61.496	ug/l	100
74) N-amyl acetate	10.88	43	300895	60.053	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	192491	57.459	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	246666	63.857	ug/l	86
77) Bromobenzene	11.24	156	141825	57.699	ug/l	100
78) n-propylbenzene	11.35	91	684642	59.984	ug/l	100
79) 2-Chlorotoluene	11.40	91	437555	60.546	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	474633	56.291	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	77643	59.829	ug/l	100
82) 4-Chlorotoluene	11.49	91	482153	55.733	ug/l	100
83) tert-Butylbenzene	11.76	119	506333	61.334	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	478185	57.083	ug/l	100
85) sec-Butylbenzene	11.93	105	497212	53.391	ug/l	100
86) p-Isopropyltoluene	12.05	119	444074	51.521	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	213626	48.323	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	220532	49.727	ug/l	100
89) n-Butylbenzene	12.37	91	427168	52.343	ug/l	100
90) Hexachloroethane	12.58	117	92430	54.589	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	215782	50.654	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44381	51.607	ug/l	100

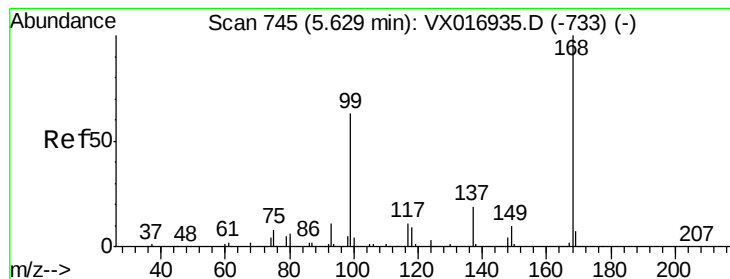
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	167178	60.075	ug/l	100
94) Hexachlorobutadiene	13.77	225	59152	60.929	ug/l	100
95) Naphthalene	13.82	128	614725	65.008	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	164873	61.250	ug/l	100

(#) = 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. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

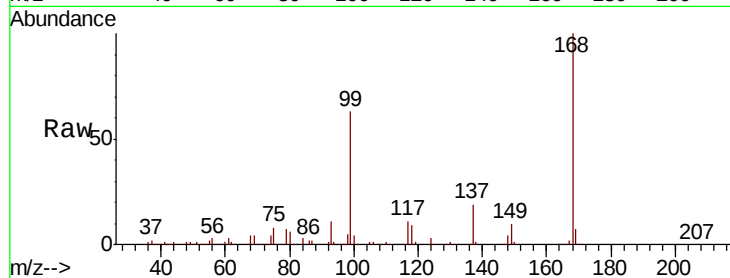
VSTDICCC050

Tot Ion:168 Resp: 199749

Ion Ratio Lower Upper

168 100

99 63.2 50.6 75.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

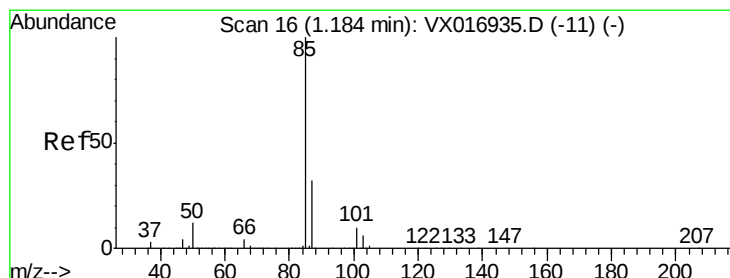
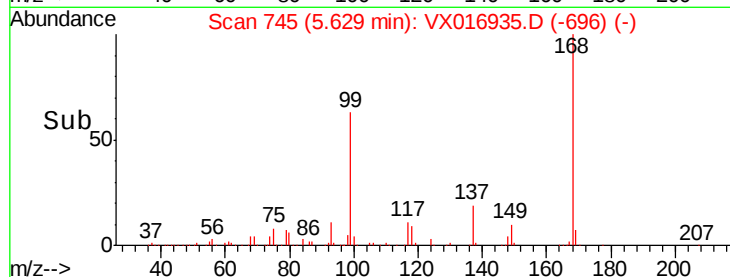
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.992 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016935.D

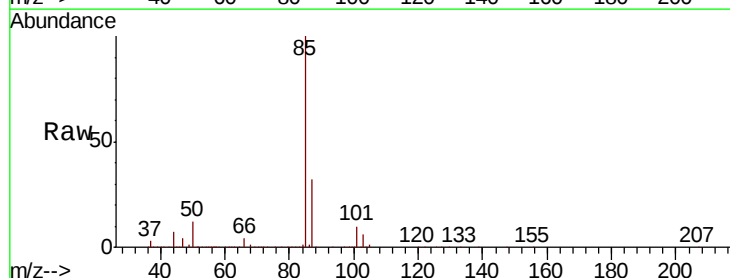
Acq: 23 Jun 2020 17:16

Tgt Ion: 85 Resp: 116453

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

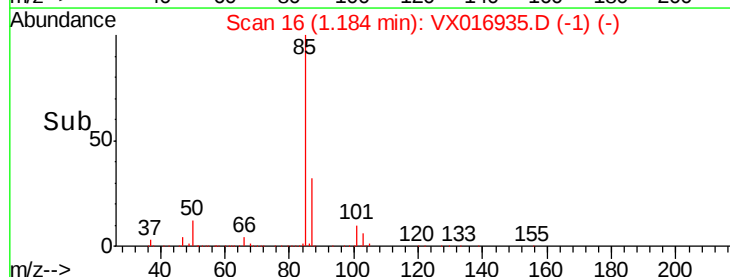
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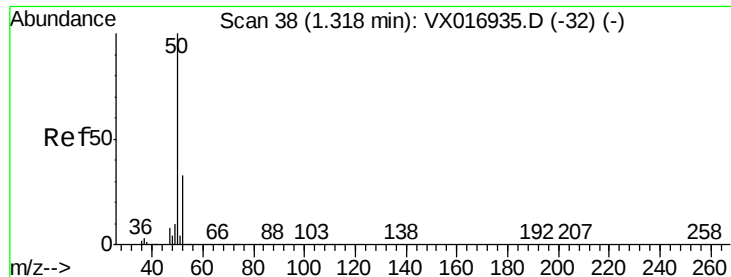
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.320 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

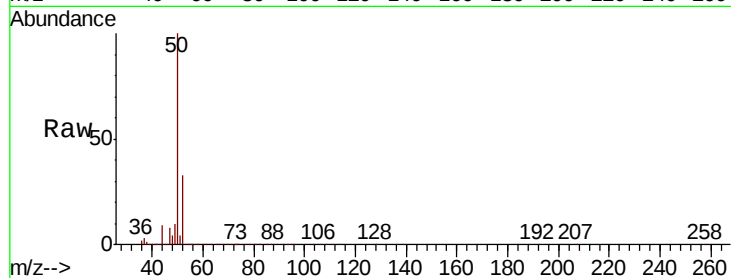
VSTDICCC050

Tot Ion: 50 Resp: 103771

Ion Ratio Lower Upper

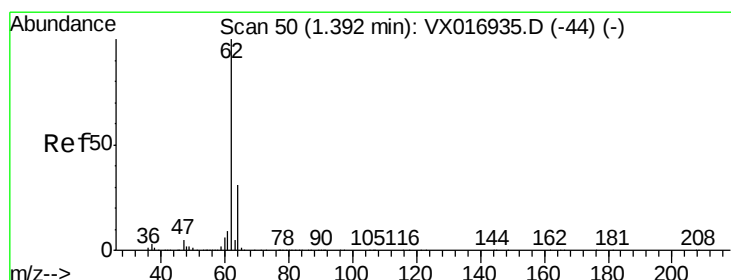
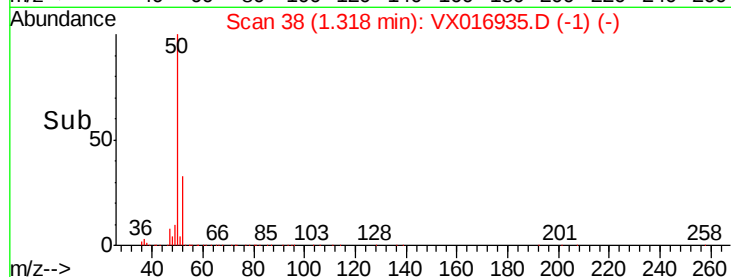
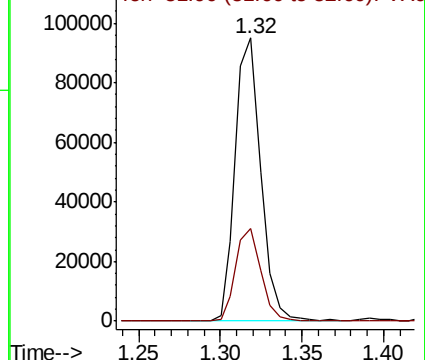
50 100

52 32.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.966 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016935.D

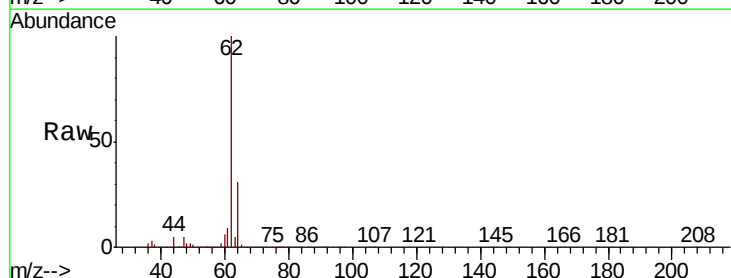
Acq: 23 Jun 2020 17:16

Tgt Ion: 62 Resp: 105172

Ion Ratio Lower Upper

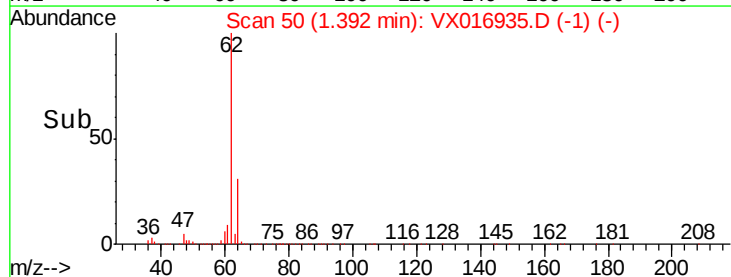
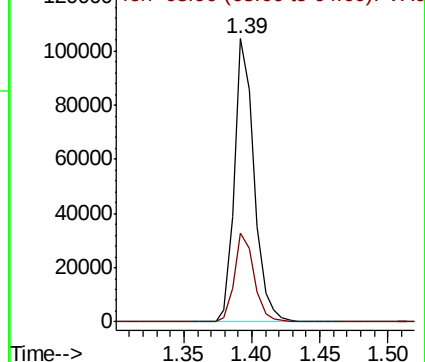
62 100

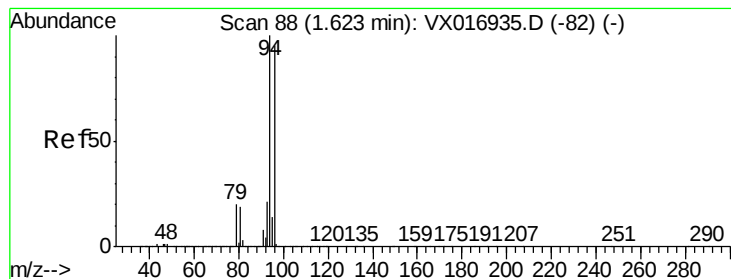
64 31.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.939 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

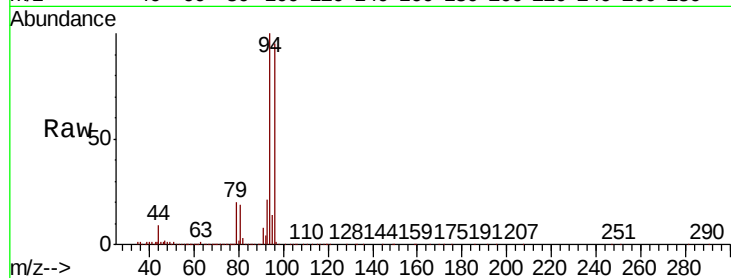
VSTDICCC050

Tot Ion: 94 Resp: 61243

Ion Ratio Lower Upper

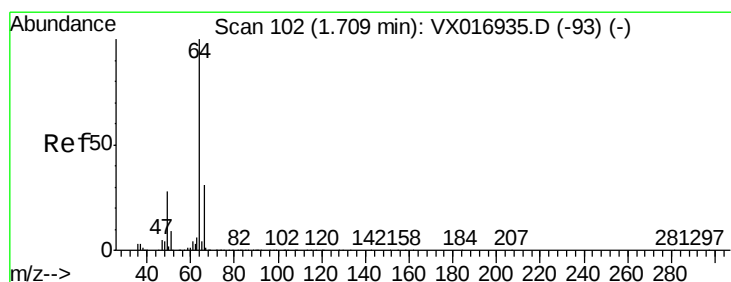
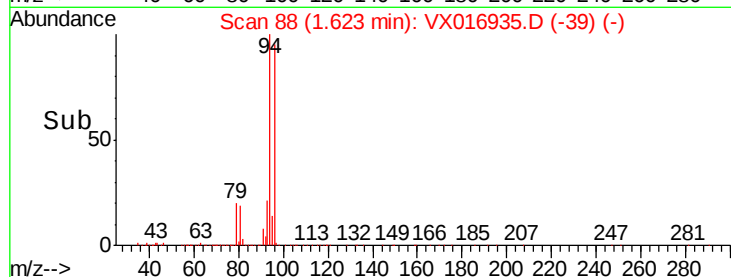
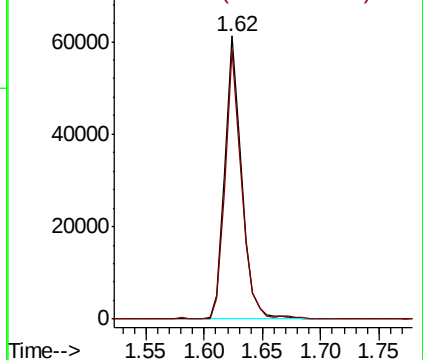
94 100

96 94.9 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.061 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016935.D

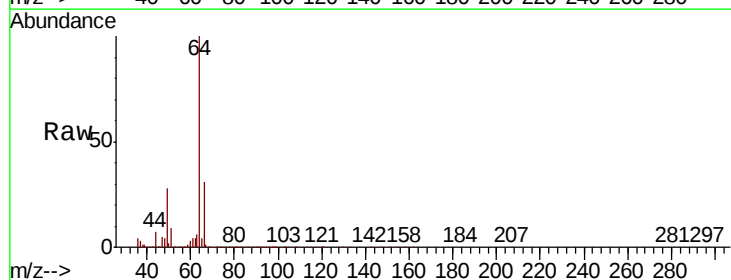
Acq: 23 Jun 2020 17:16

Tgt Ion: 64 Resp: 71558

Ion Ratio Lower Upper

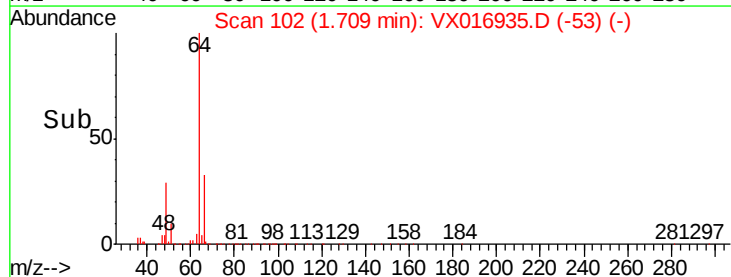
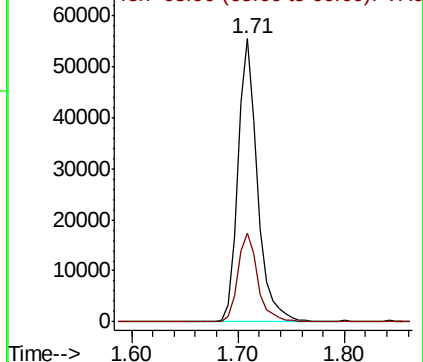
64 100

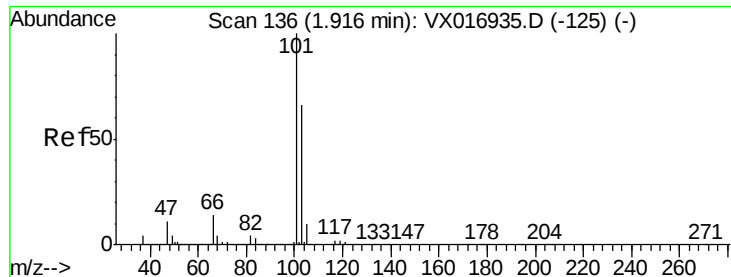
66 31.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



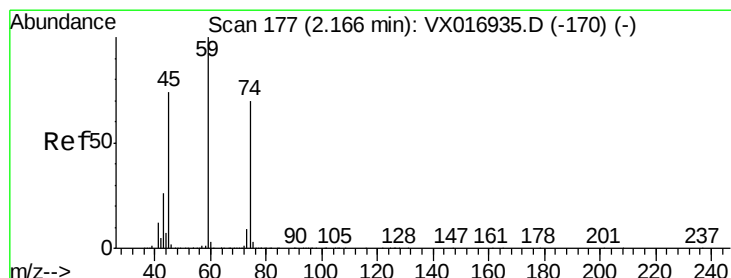
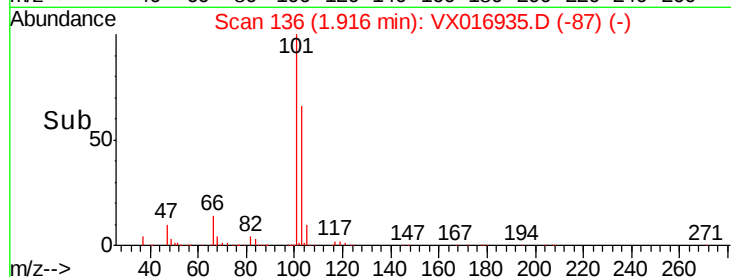
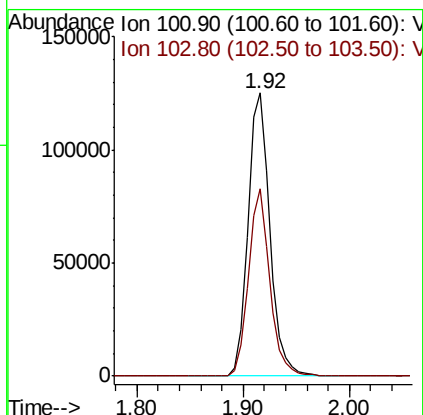
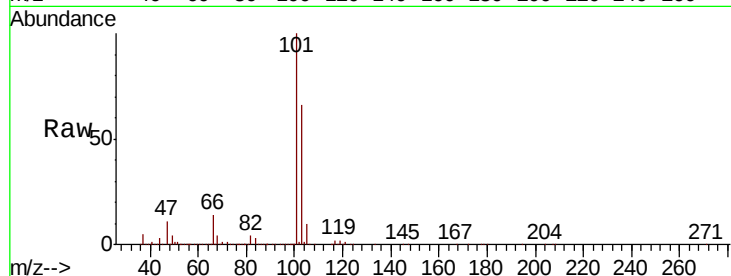


#7

Trichlorofluoromethane
 Concen: 46.749 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

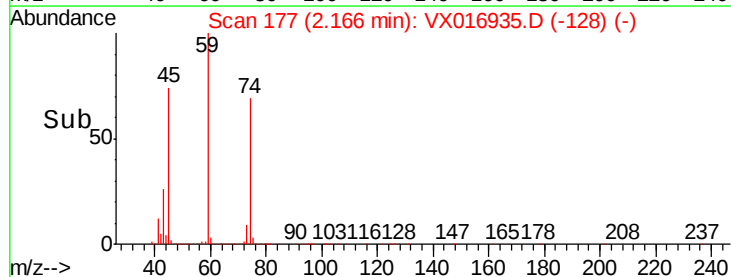
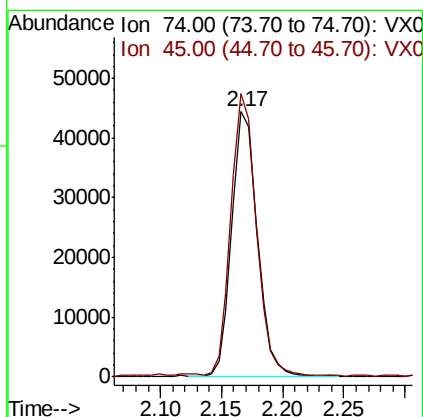
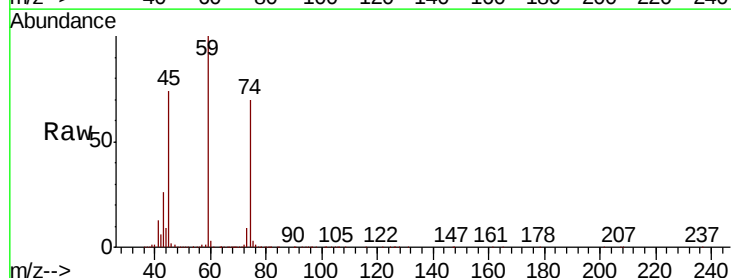
Tot Ion:101 Resp: 180803
 Ion Ratio Lower Upper
 101 100
 103 66.2 53.0 79.4

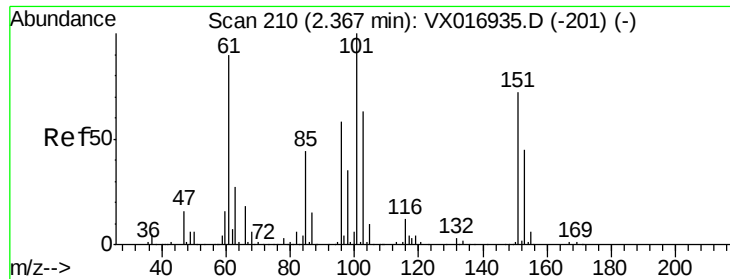


#8

Diethyl Ether
 Concen: 44.079 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Tgt Ion: 74 Resp: 64820
 Ion Ratio Lower Upper
 74 100
 45 105.2 52.6 157.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.919 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

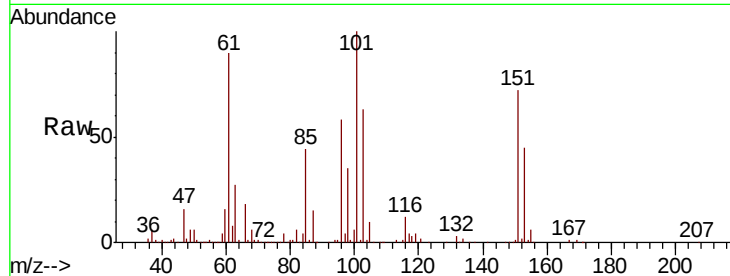
Tot Ion:101 Resp: 103355

Ion Ratio Lower Upper

101 100

85 46.1 36.9 55.3

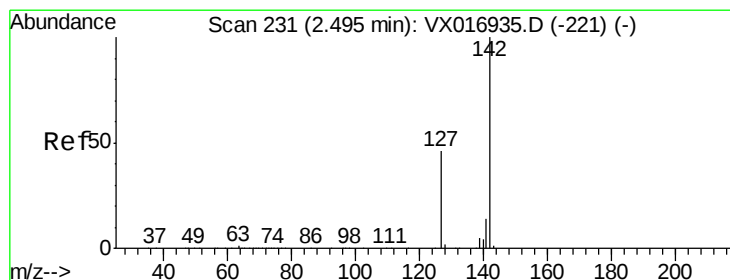
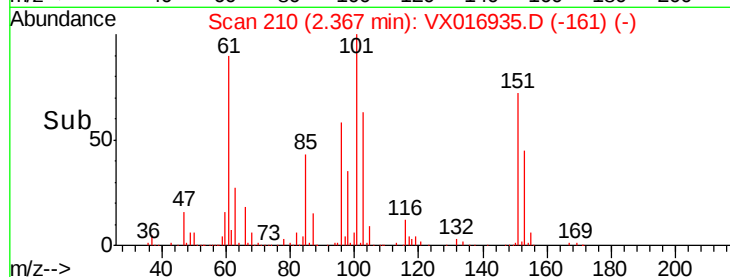
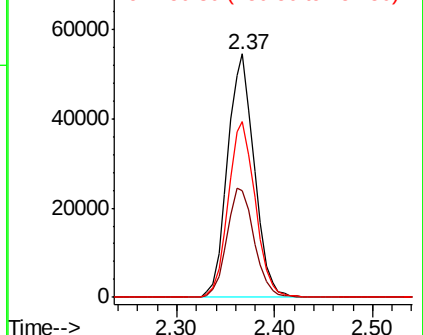
151 73.0 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.277 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

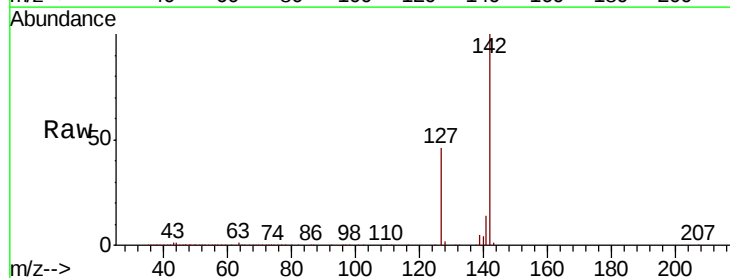
Tgt Ion:142 Resp: 139872

Ion Ratio Lower Upper

142 100

127 47.9 38.3 57.5

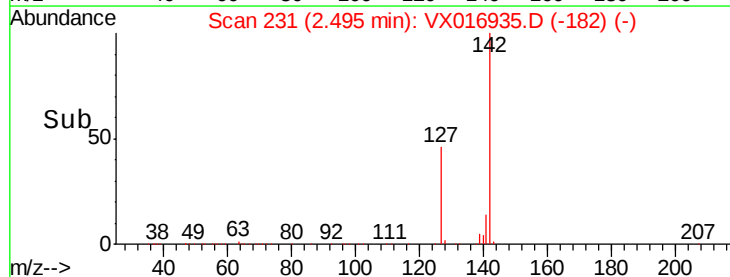
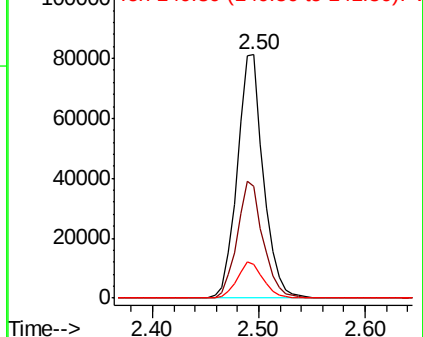
141 14.9 11.9 17.9

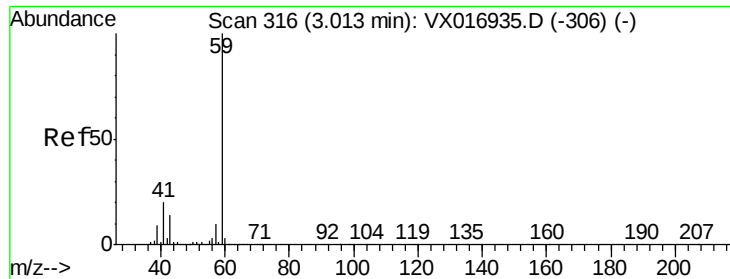


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

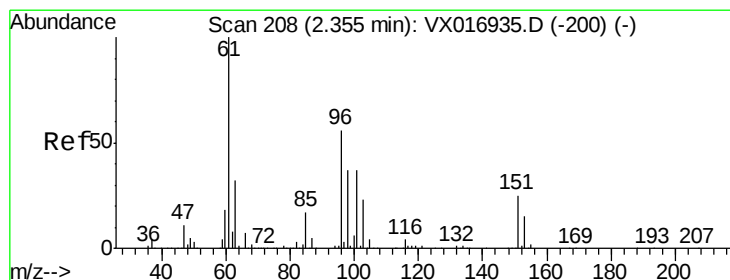
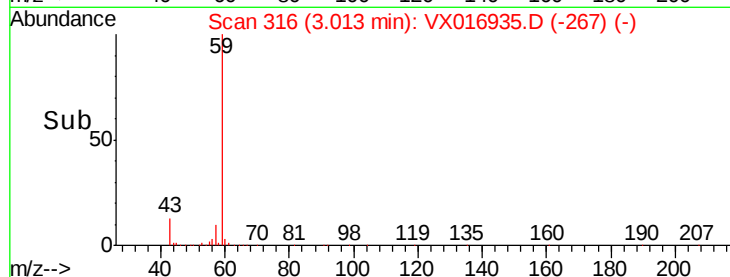
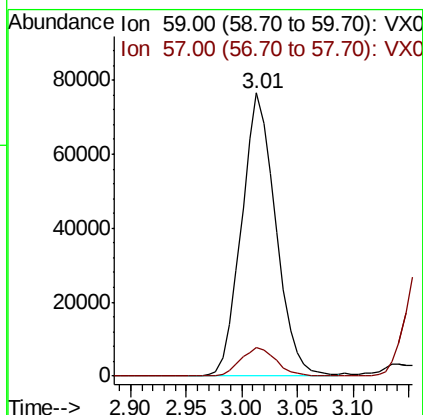
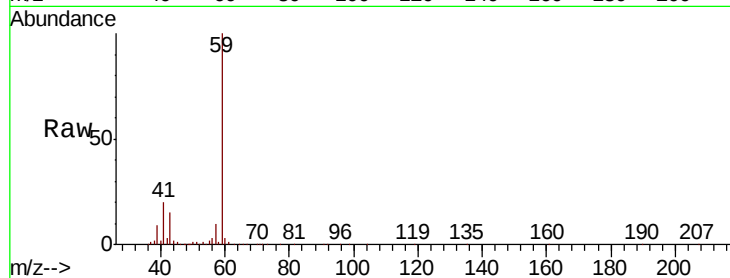




#11
Tert butyl alcohol
Concen: 245.459 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

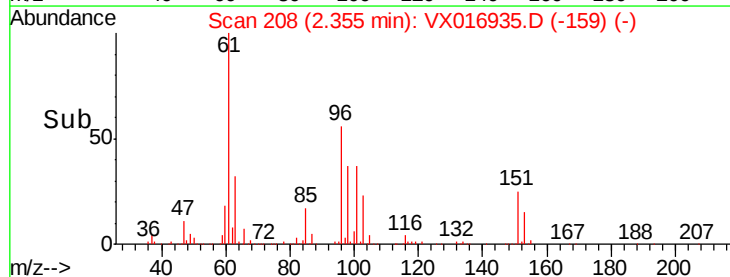
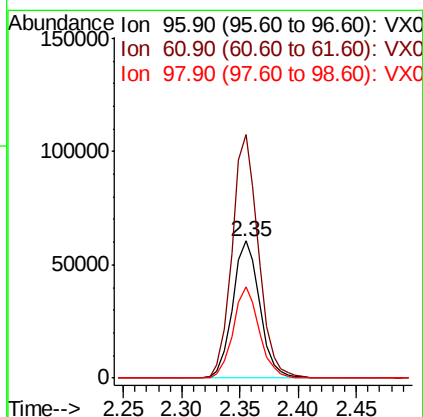
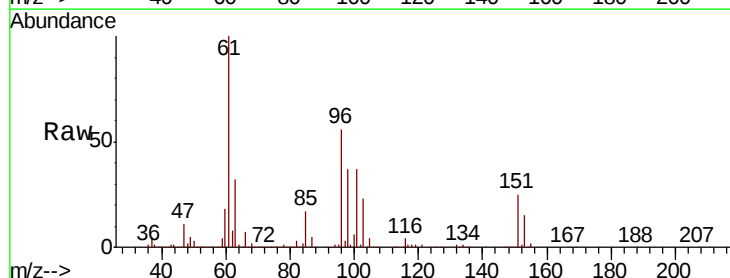
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

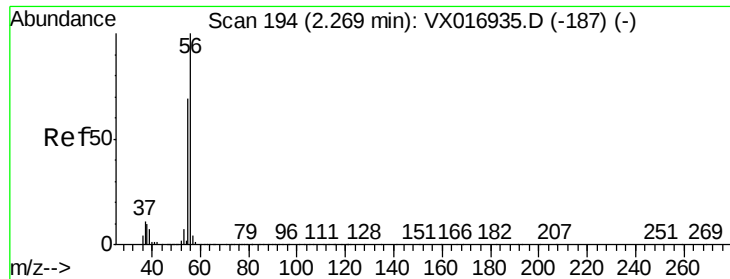
Tot Ion: 59 Resp: 162802
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.452 ug/l
RT: 2.35 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 96 Resp: 98383
Ion Ratio Lower Upper
96 100
61 177.9 142.3 213.5
98 66.5 53.2 79.8

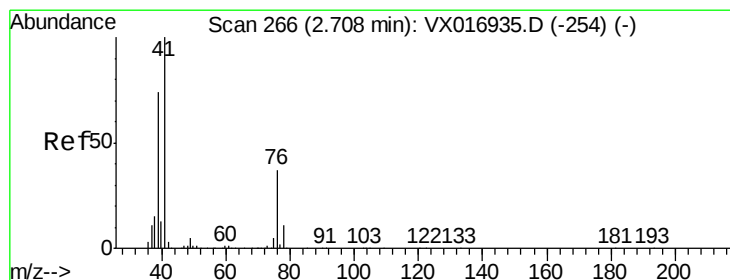
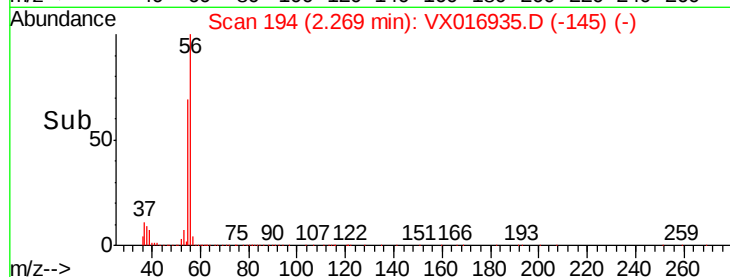
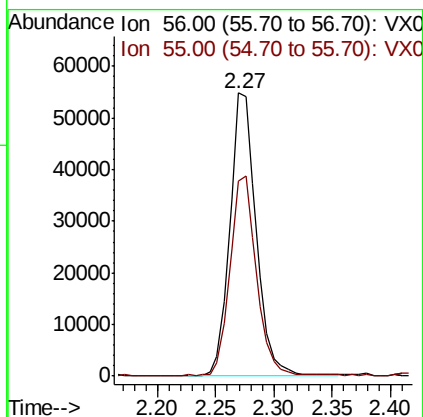
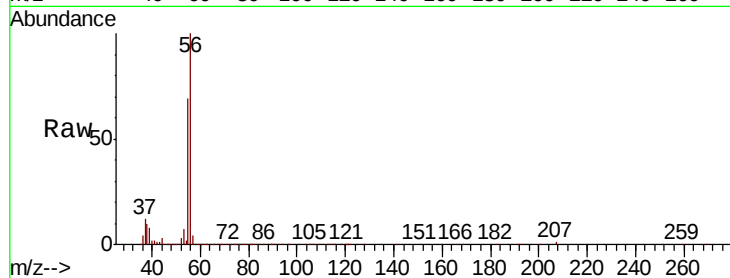




#13
Acrolein
Concen: 245.116 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

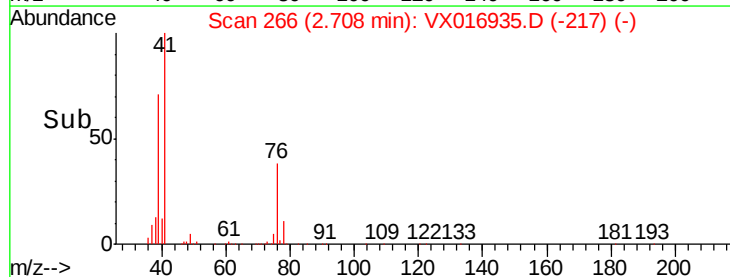
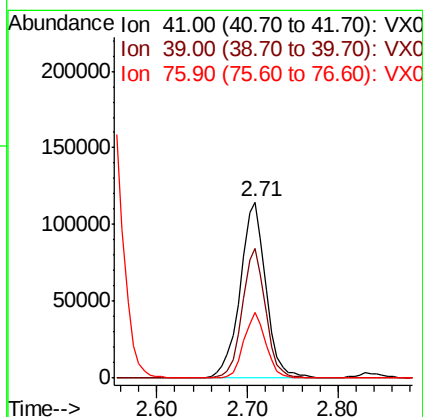
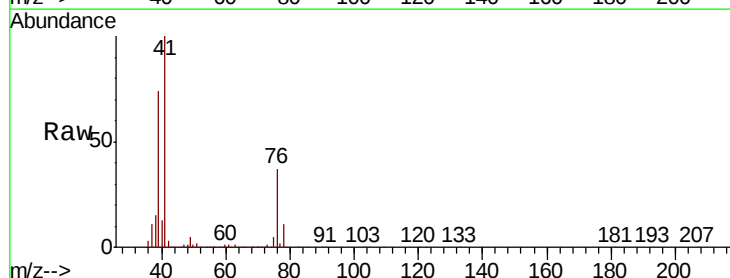
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

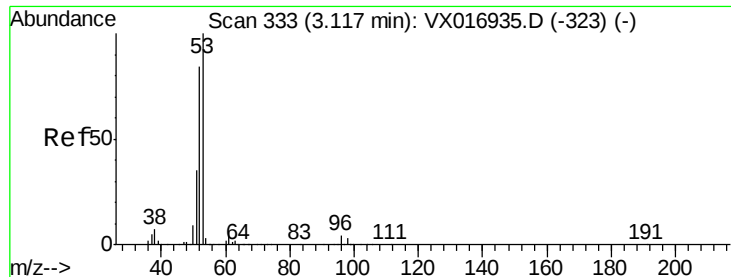
Tot Ion: 56 Resp: 85669
Ion Ratio Lower Upper
56 100
55 71.4 57.1 85.7



#14
Allyl chloride
Concen: 48.515 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 41 Resp: 225413
Ion Ratio Lower Upper
41 100
39 66.6 53.3 79.9
76 31.5 25.2 37.8





#15

Acrylonitrile

Concen: 248.040 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

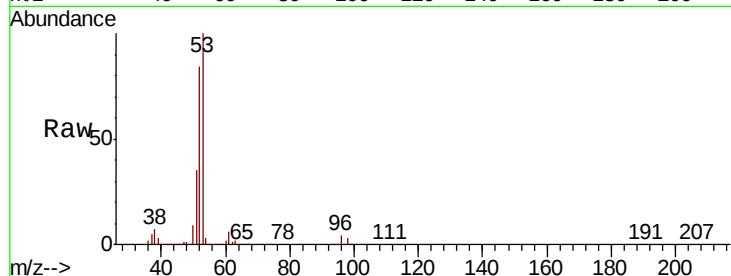
MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 53 Resp: 359367

Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.0	99.0
51	36.1	28.9	43.3

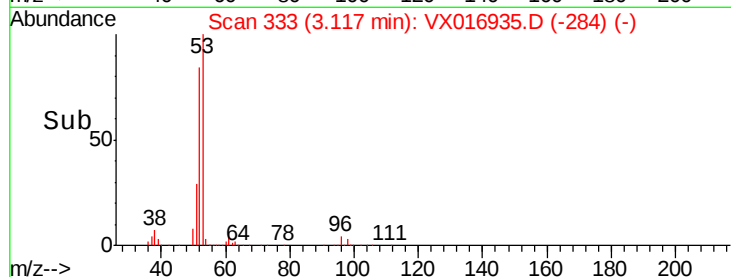


Abundance

Ion 53.00 (52.70 to 53.70): VX0

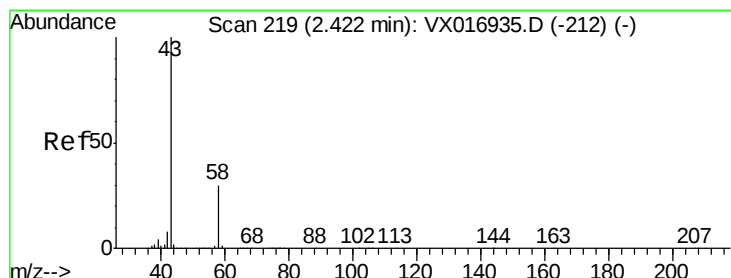
Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Abundance

Time-->



#16

Acetone

Concen: 237.014 ug/l

RT: 2.42 min Scan# 219

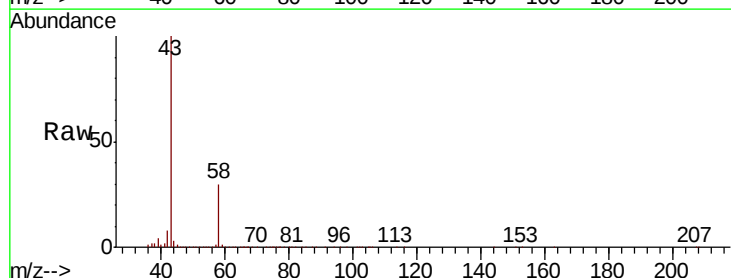
Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Tgt Ion: 43 Resp: 284160

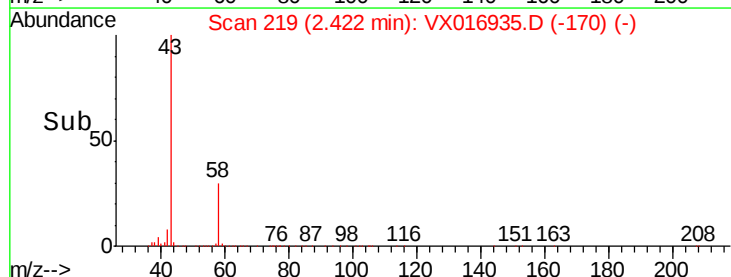
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.9	35.9



Abundance

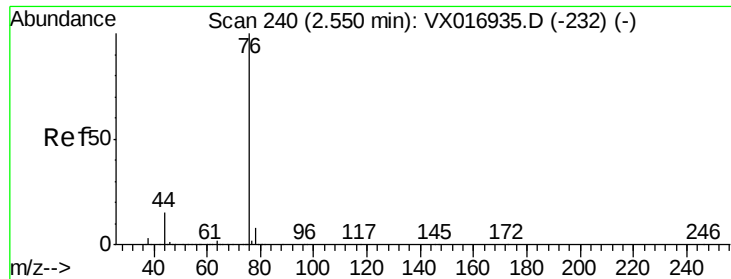
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Abundance

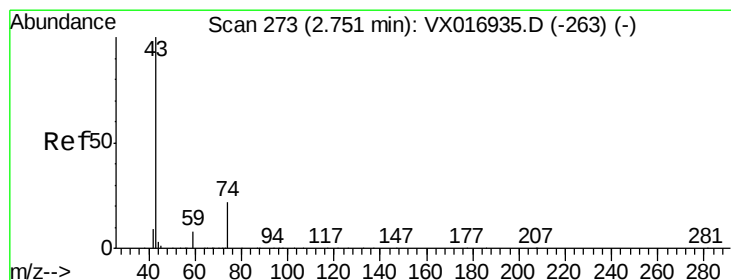
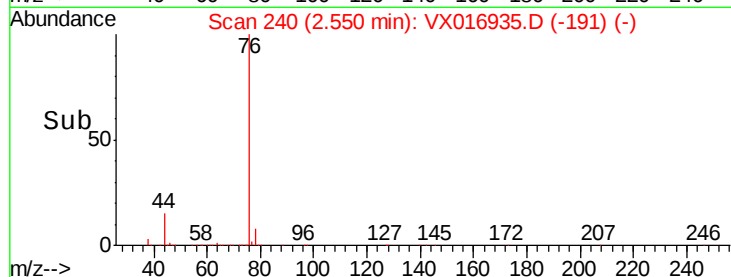
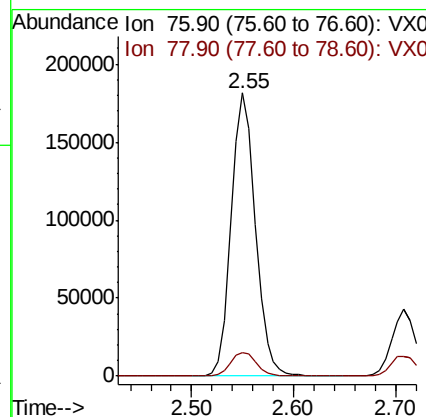
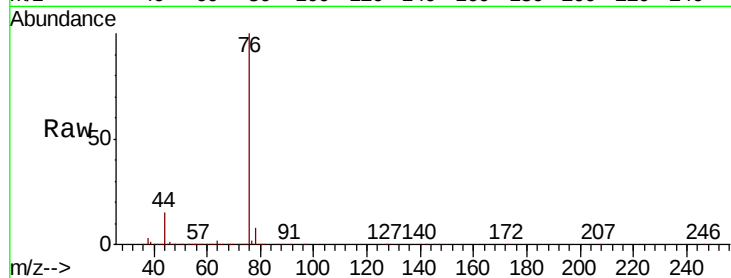
Time-->



#17
Carbon Disulfide
Concen: 46.615 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

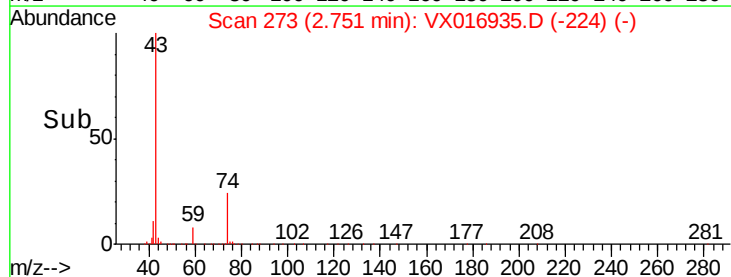
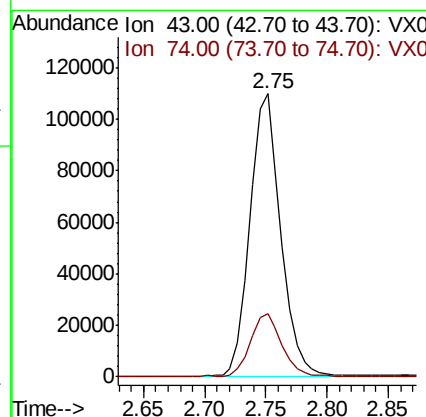
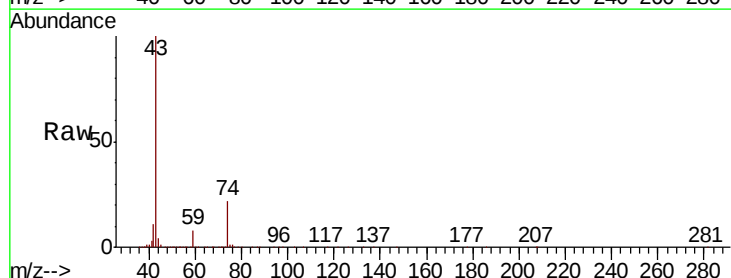
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

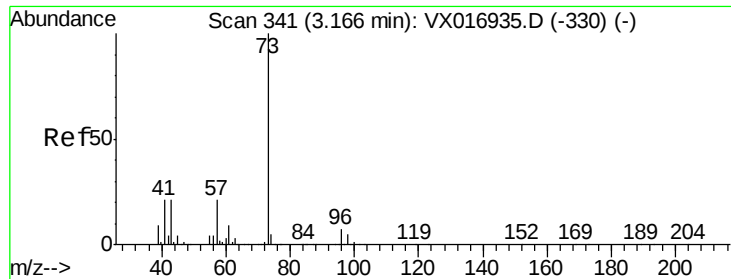
Tot Ion: 76 Resp: 297661
Ion Ratio Lower Upper
76 100
78 8.3 6.6 10.0



#18
Methyl Acetate
Concen: 48.440 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 43 Resp: 192312
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8

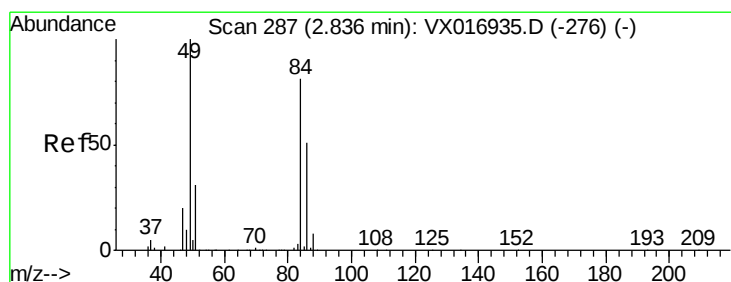
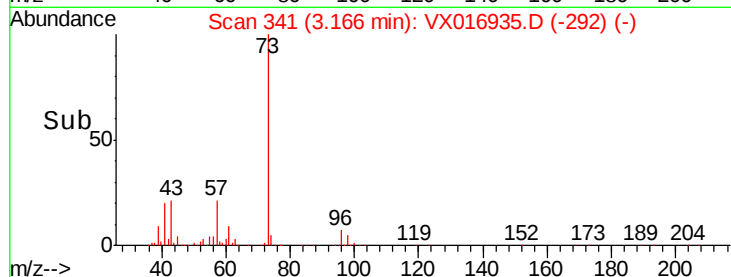
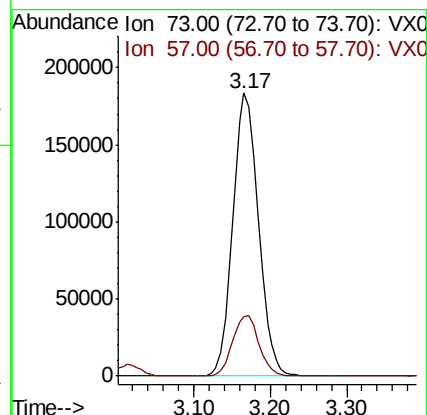
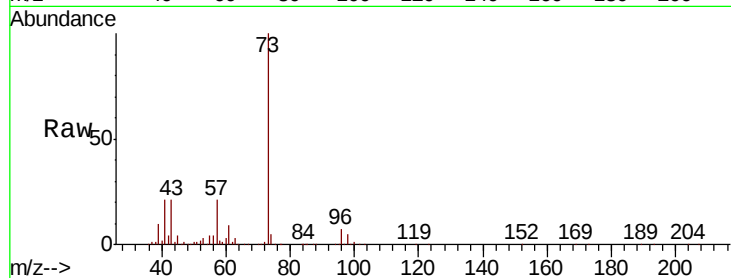




#19
Methyl tert-butyl Ether
Concen: 48.510 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

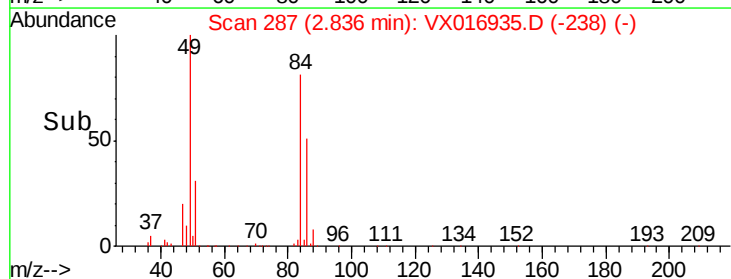
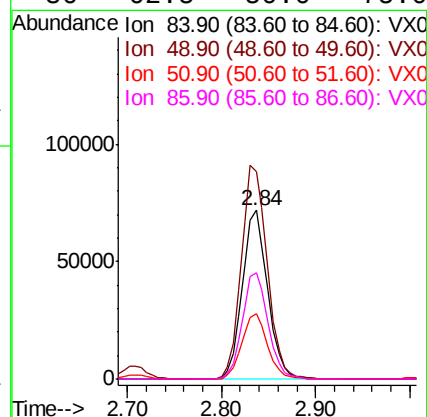
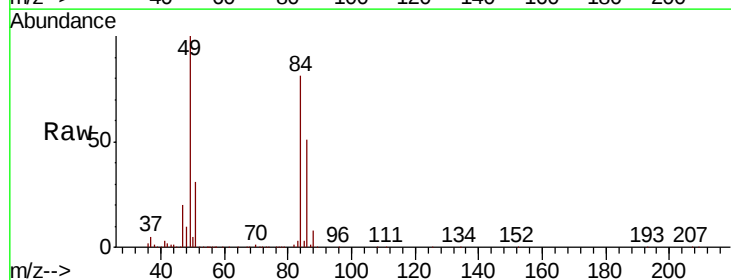
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

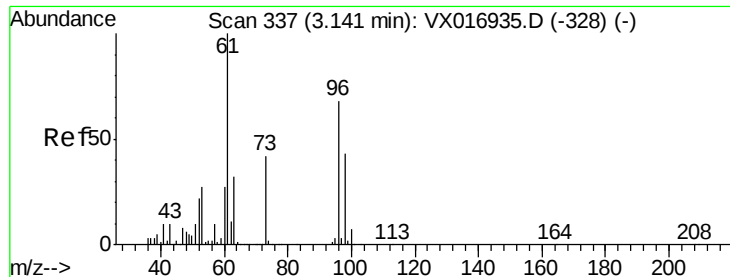
Tot Ion: 73 Resp: 425776
Ion Ratio Lower Upper
73 100
57 20.9 16.7 25.1



#20
Methylene Chloride
Concen: 44.759 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 84 Resp: 133863
Ion Ratio Lower Upper
84 100
49 122.8 98.2 147.4
51 38.4 30.7 46.1
86 62.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 46.233 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

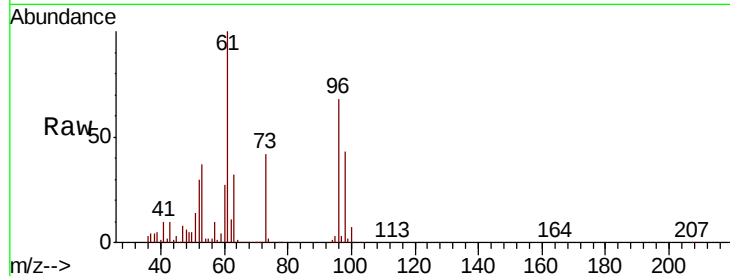
Tot Ion: 96 Resp: 117040

Ion Ratio Lower Upper

96 100

61 147.6 118.1 177.1

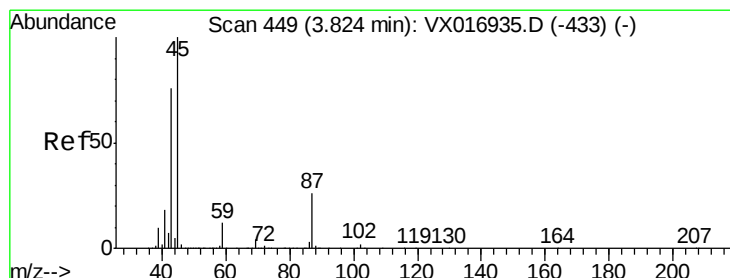
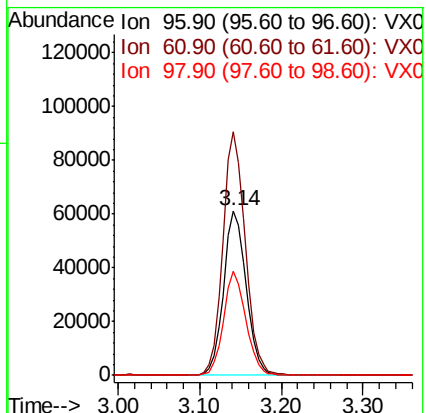
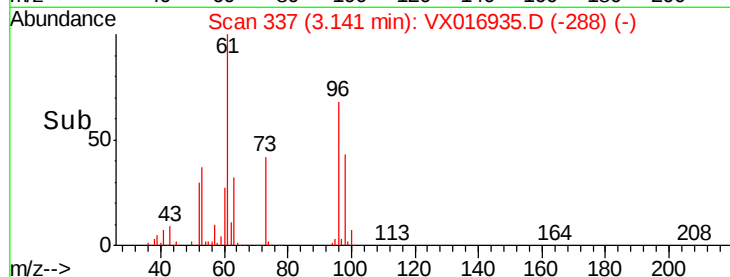
98 63.4 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.607 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Tgt Ion: 45 Resp: 364577

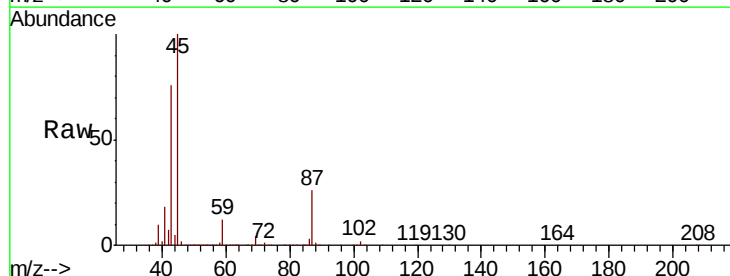
Ion Ratio Lower Upper

45 100

43 76.2 61.0 91.4

87 25.7 20.6 30.8

59 11.6 9.3 13.9

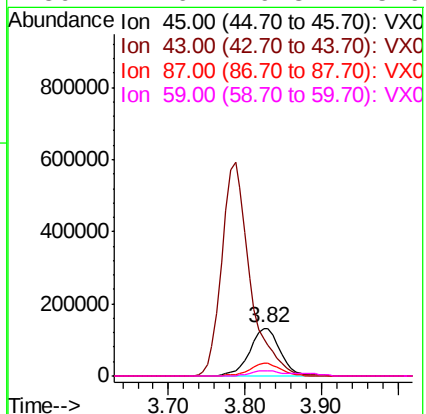
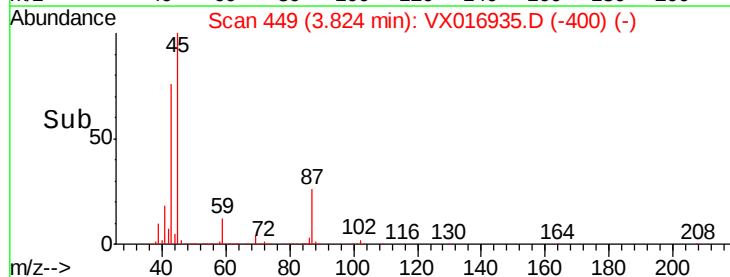


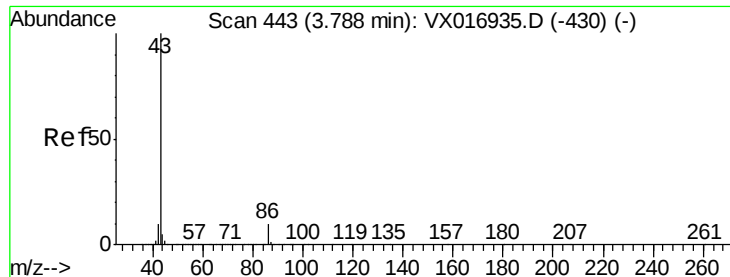
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

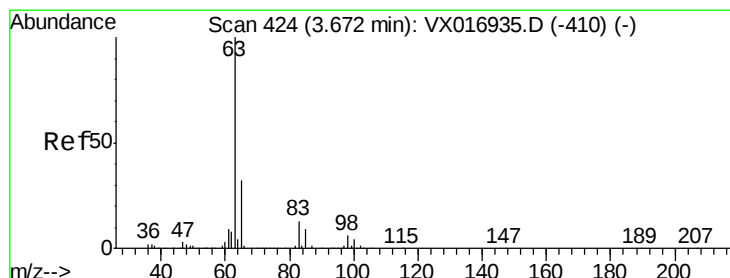
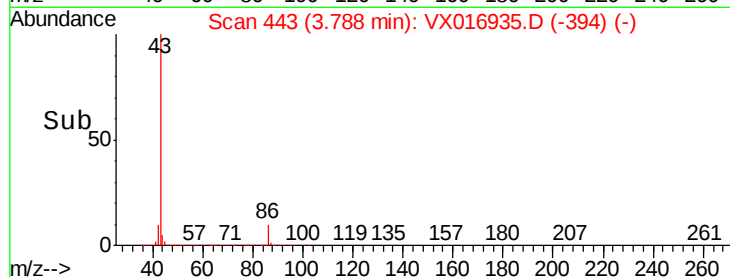
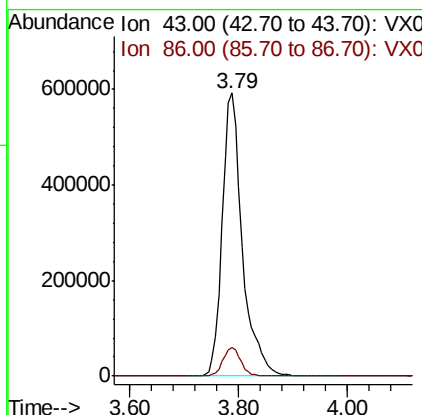
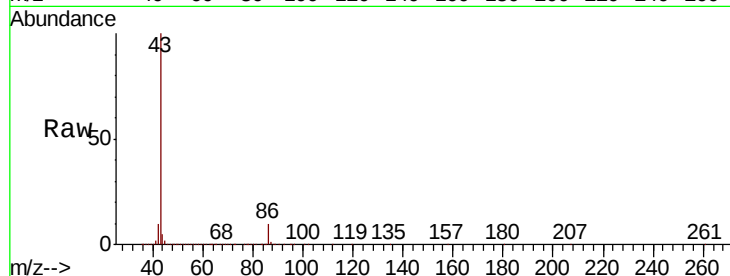




#23
 Vinyl Acetate
 Concen: 230.186 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

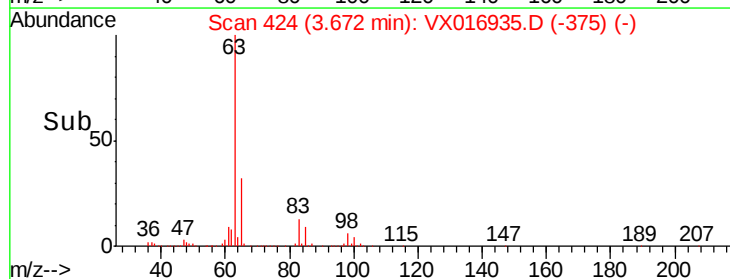
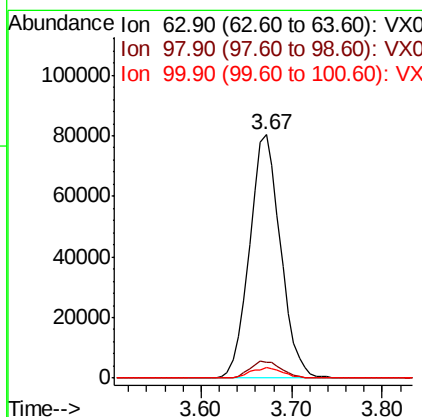
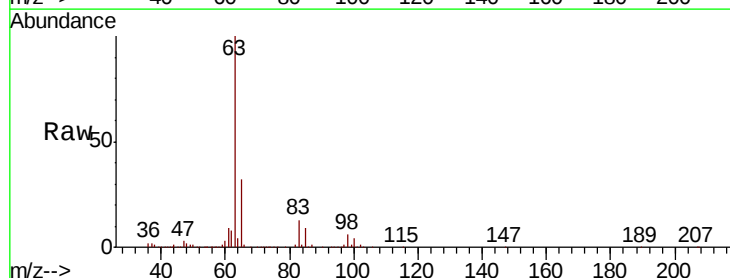
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

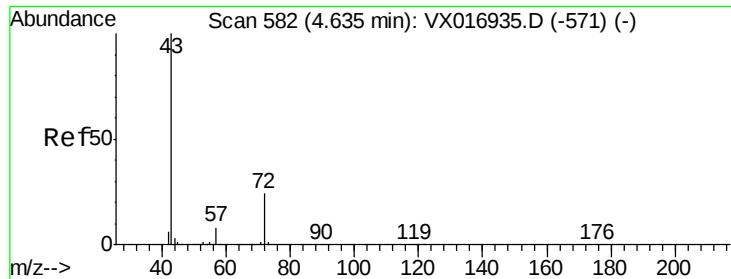
Tot Ion: 43 Resp: 1519401
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 40.278 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Tgt Ion: 63 Resp: 189563
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.3
 100 4.4 2.2 6.6

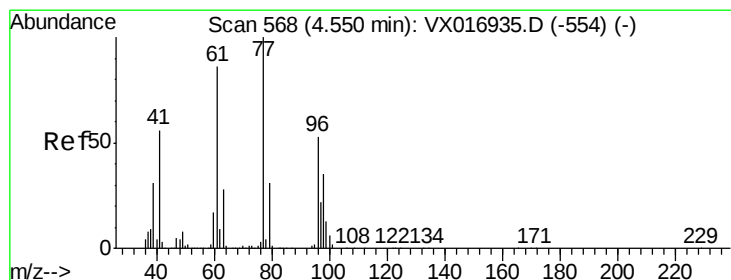
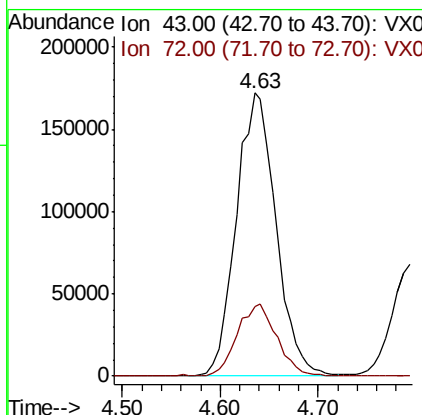
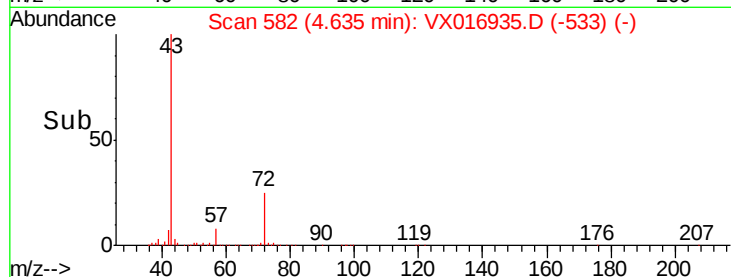
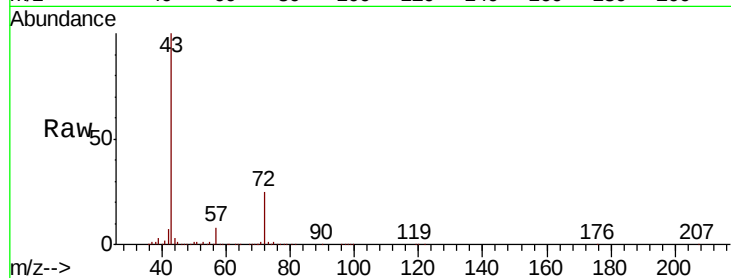




#25
2-Butanone
Concen: 254.750 ug/l
RT: 4.63 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

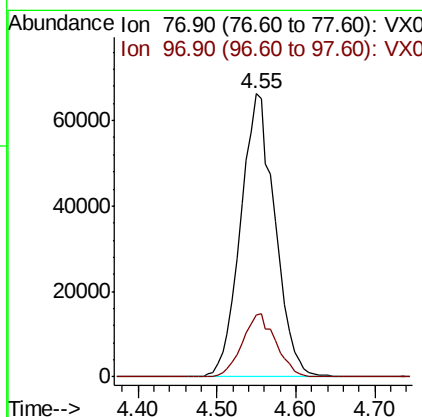
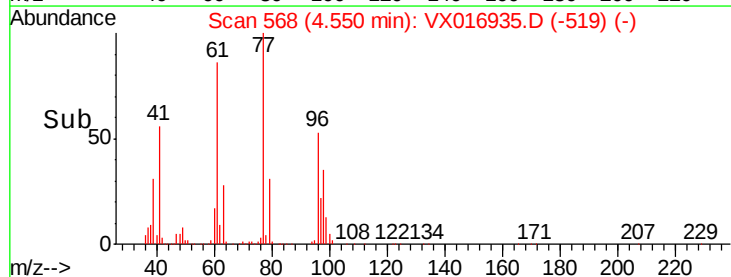
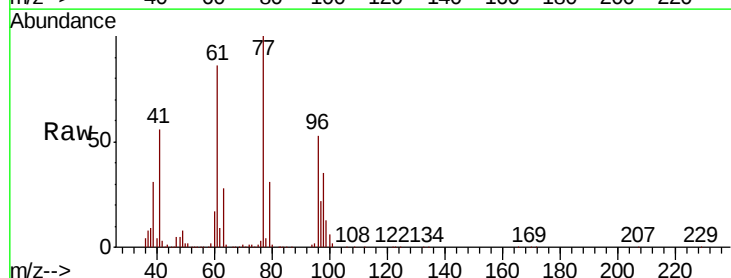
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

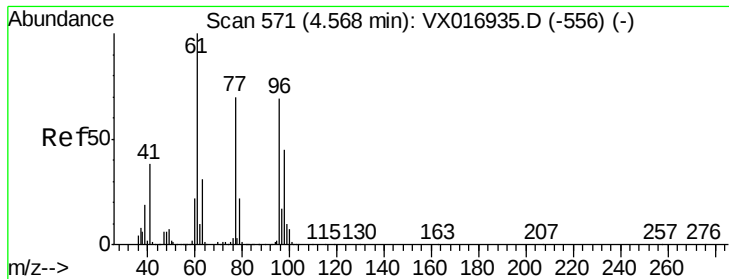
Tot Ion: 43 Resp: 482006
Ion Ratio Lower Upper
43 100
72 24.5 19.6 29.4



#26
2,2-Dichloropropane
Concen: 48.461 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 77 Resp: 200508
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9



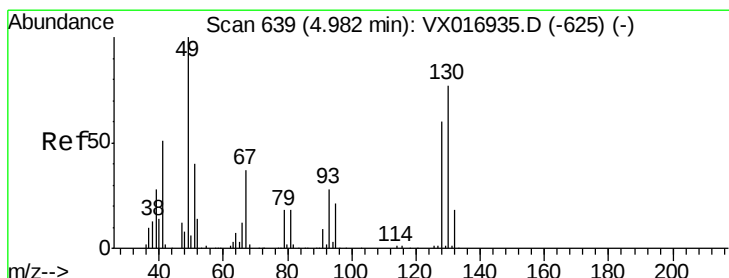
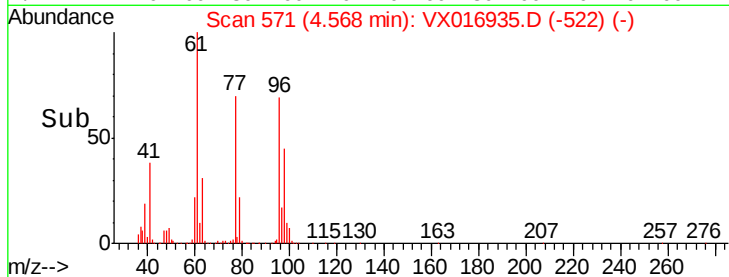
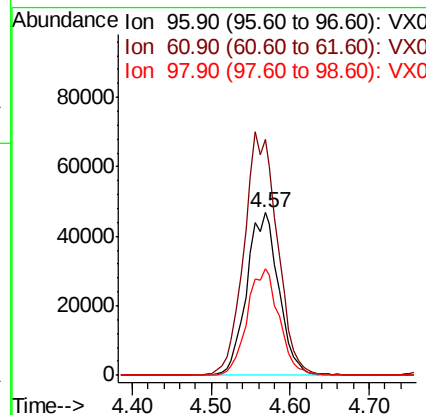
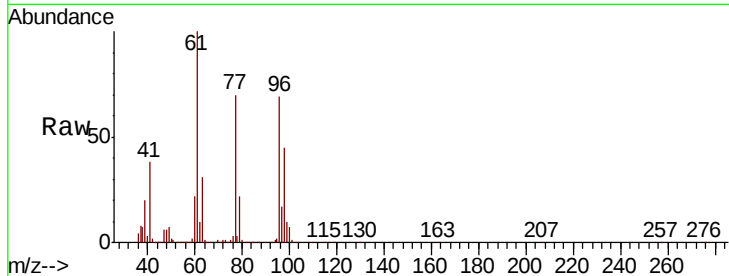


#27

cis-1,2-Dichloroethene
Concen: 46.405 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

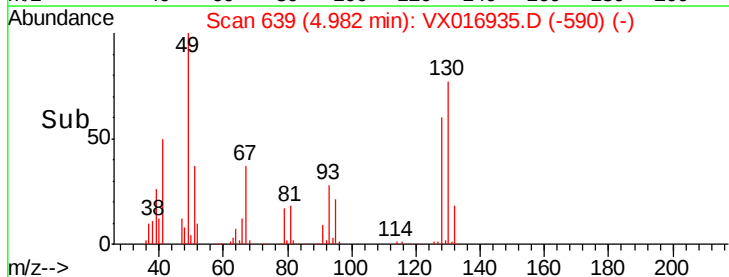
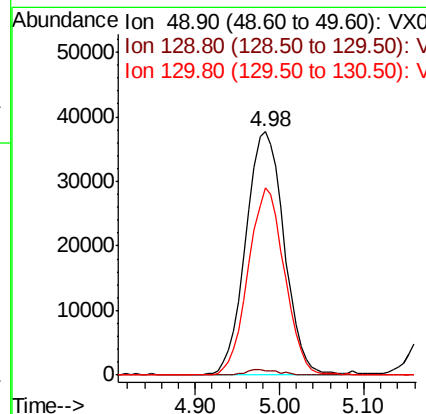
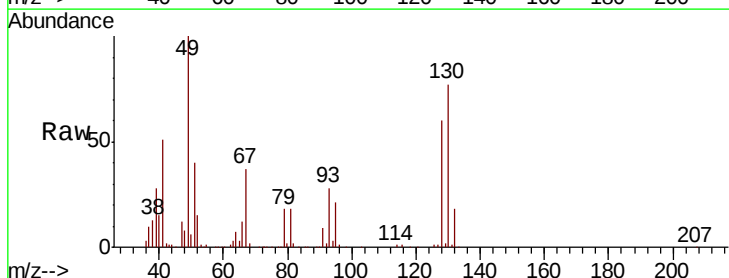
Tot Ion	96	Resp	132140
Ion	Ratio	Lower	Upper
96	100		
61	156.1	0.0	312.2
98	65.3	0.0	130.6

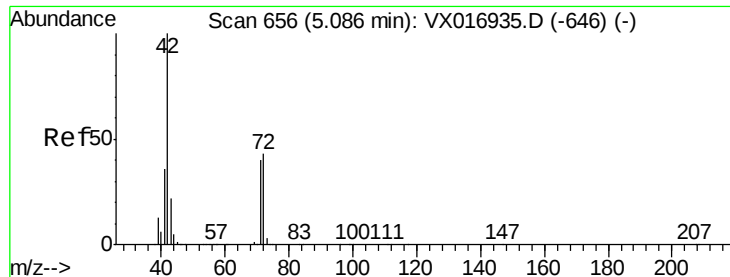


#28

Bromochloromethane
Concen: 47.560 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	49	Resp	116257
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	73.4	58.7	88.1

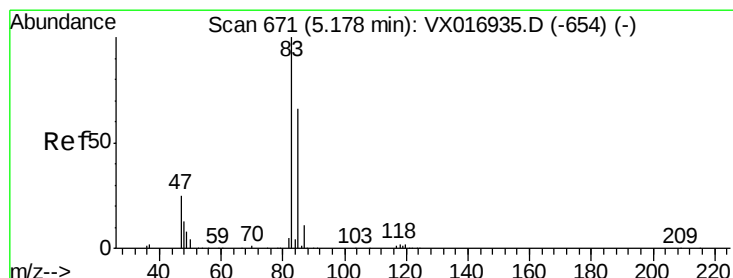
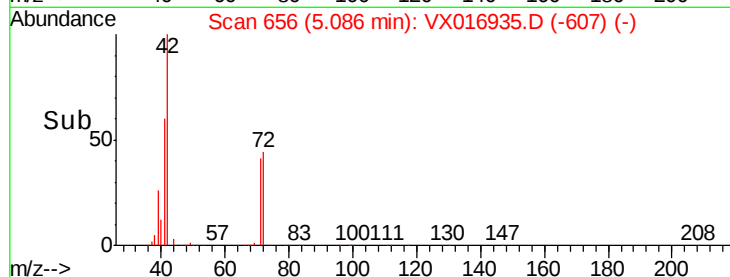
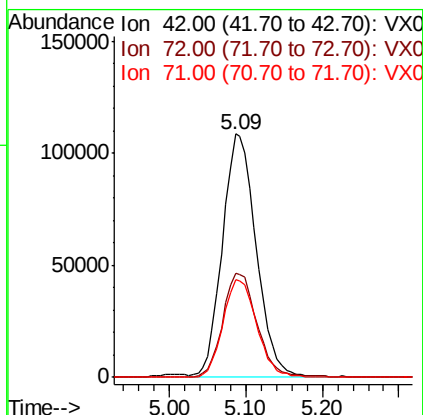
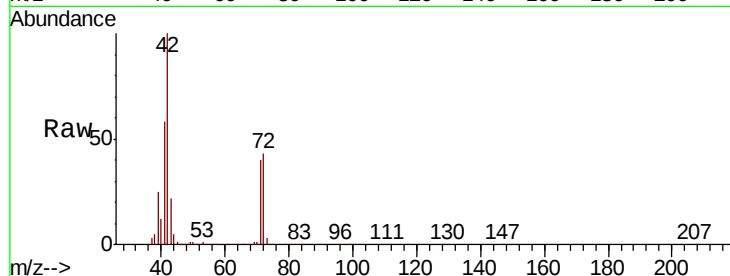




#29
Tetrahydrofuran
Concen: 283.987 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

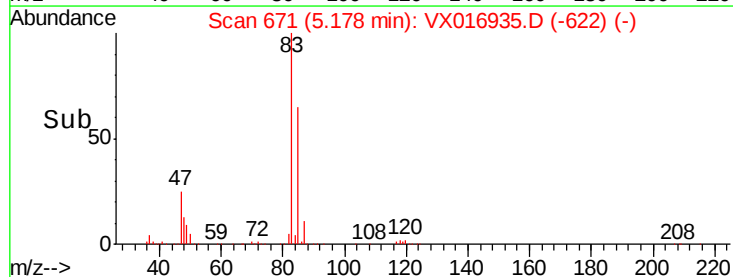
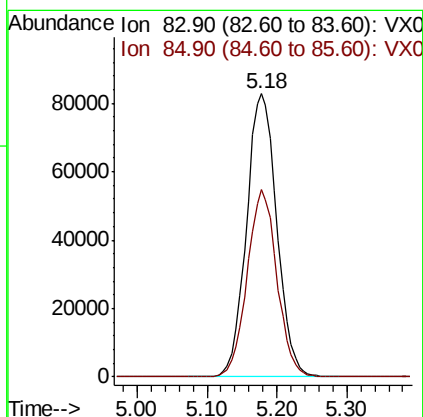
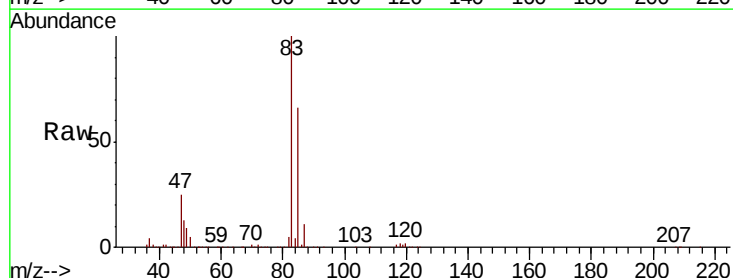
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

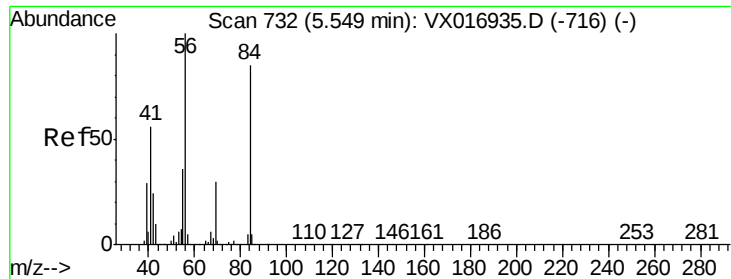
Tot Ion: 42 Resp: 329900
Ion Ratio Lower Upper
42 100
72 43.6 34.9 52.3
71 40.3 32.2 48.4



#30
Chloroform
Concen: 50.113 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 83 Resp: 248463
Ion Ratio Lower Upper
83 100
85 66.0 52.8 79.2

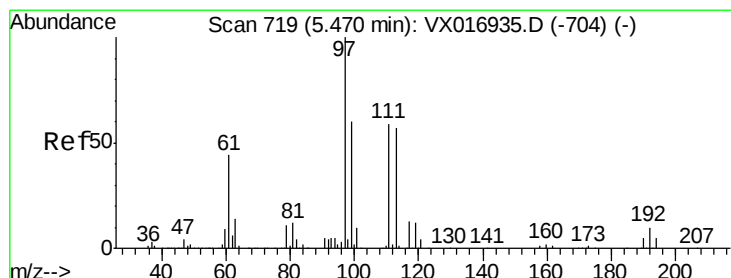
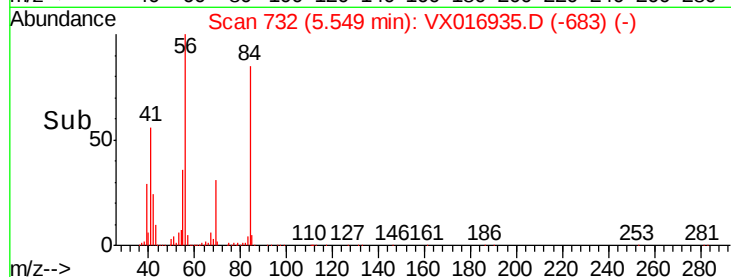
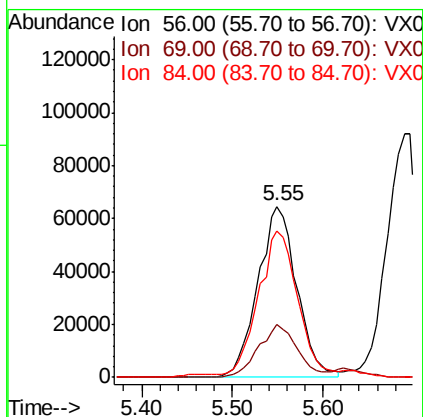
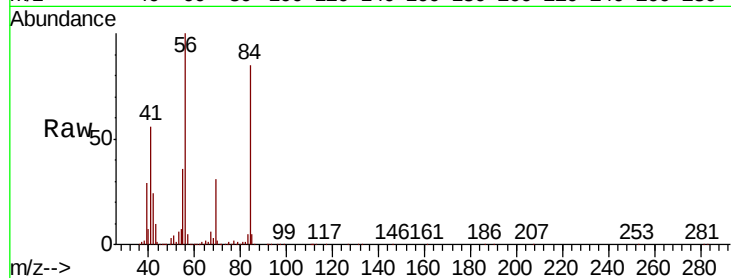




#31
Cyclohexane
Concen: 50.951 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

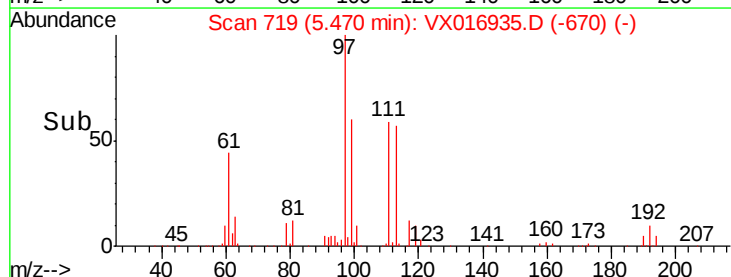
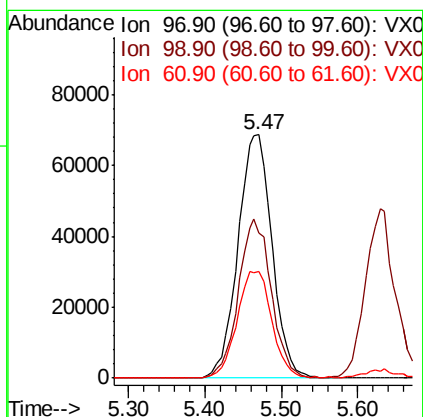
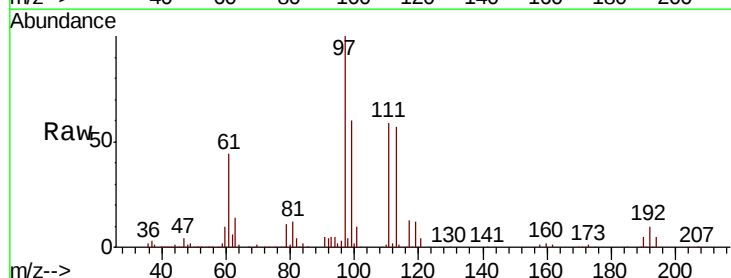
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

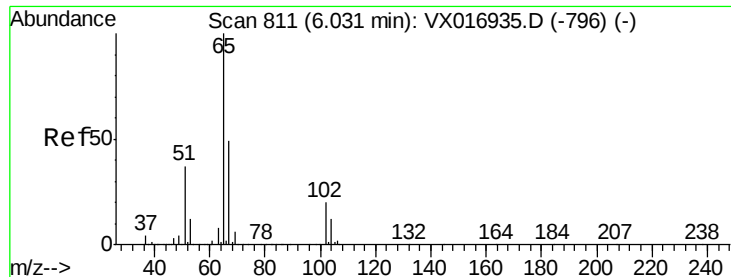
Tot Ion: 56 Resp: 191038
Ion Ratio Lower Upper
56 100
69 30.5 24.4 36.6
84 83.8 67.0 100.6



#32
1,1,1-Trichloroethane
Concen: 48.803 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 97 Resp: 212129
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 45.1 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 46.688 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

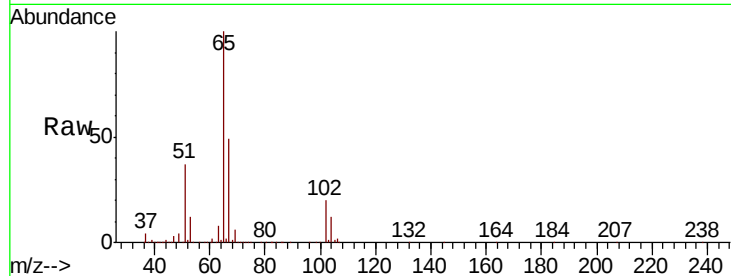
VSTDICCC050

Tot Ion: 65 Resp: 147476

Ion Ratio Lower Upper

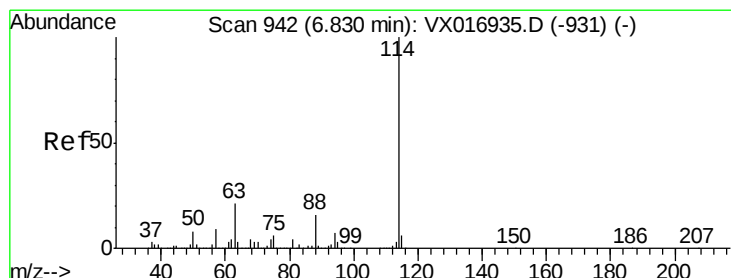
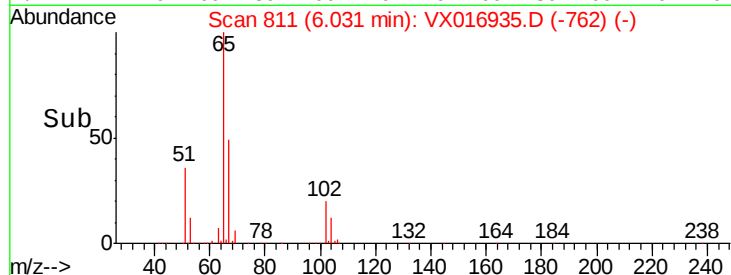
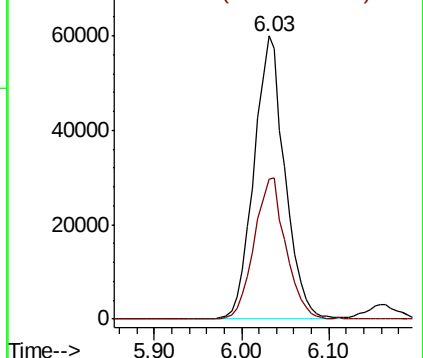
65 100

67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

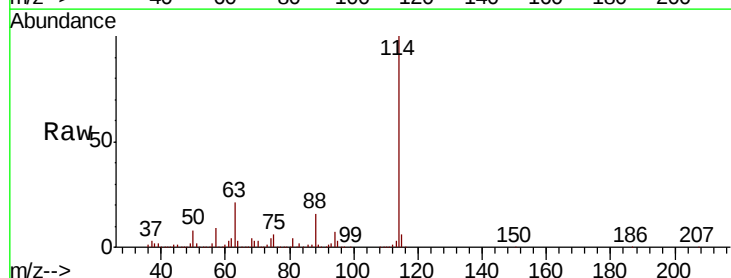
Tgt Ion: 114 Resp: 341629

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

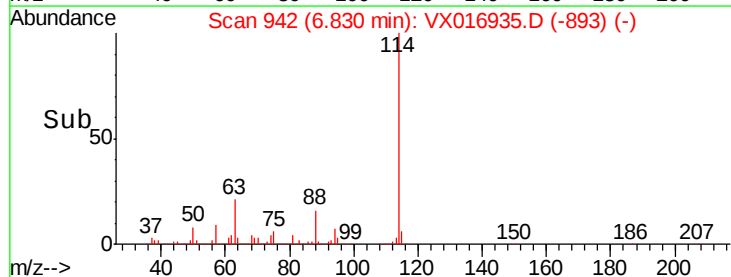
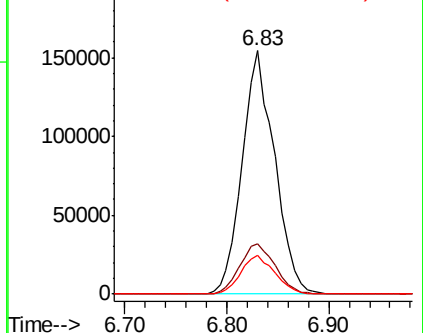
88 16.2 0.0 32.4

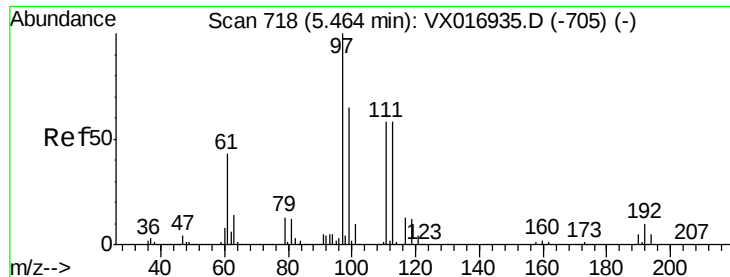


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.636 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

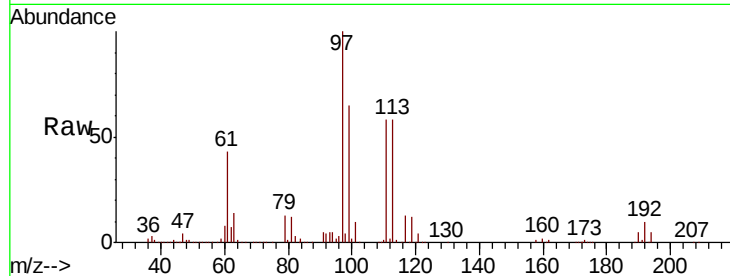
Tot Ion:113 Resp: 111356

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.0

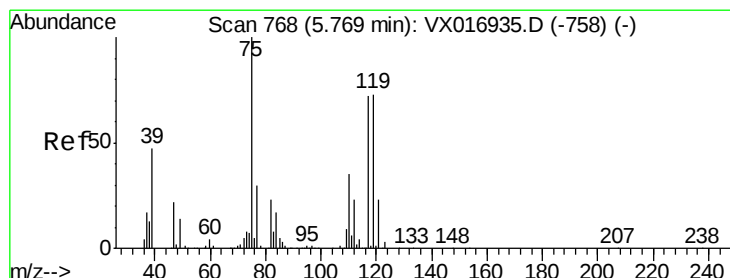
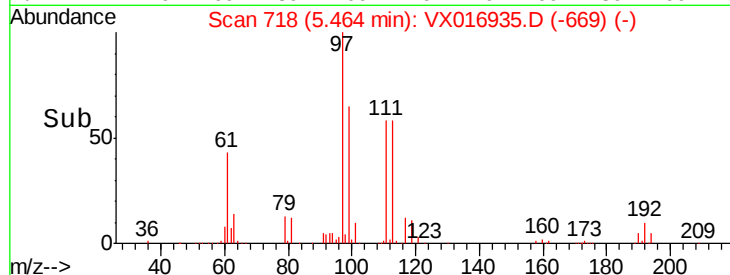
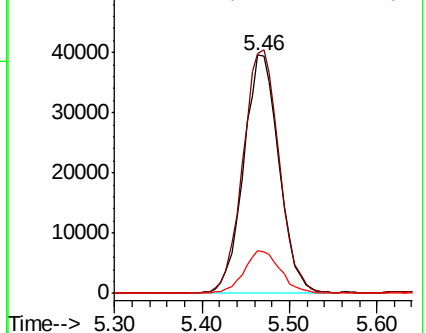
192 18.3 14.6 22.0



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: 53.444 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

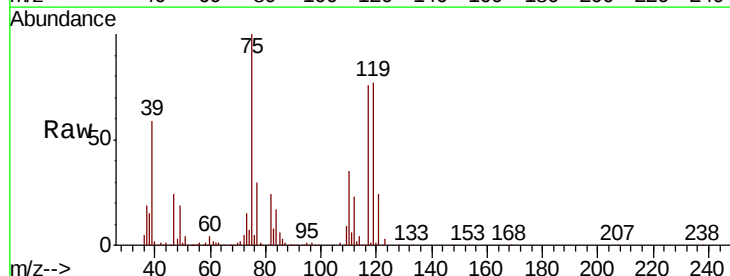
Tgt Ion: 75 Resp: 174119

Ion Ratio Lower Upper

75 100

110 34.2 17.1 51.3

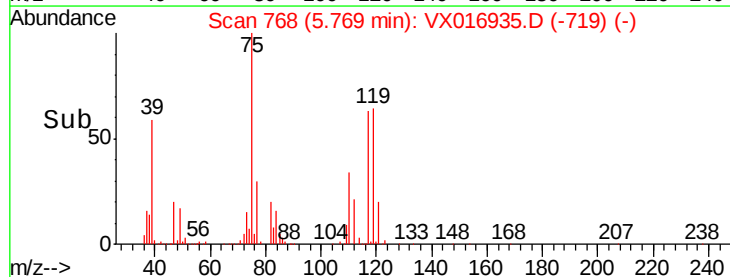
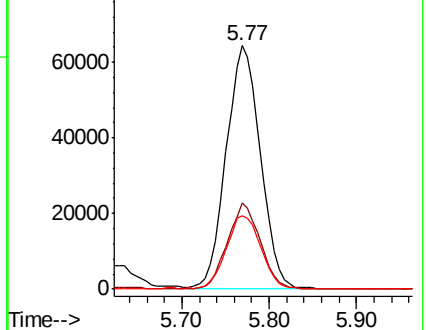
77 31.1 24.9 37.3

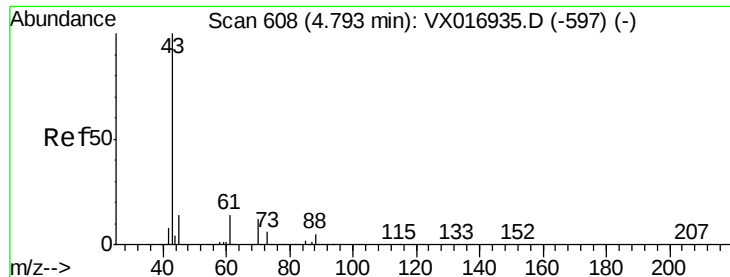


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

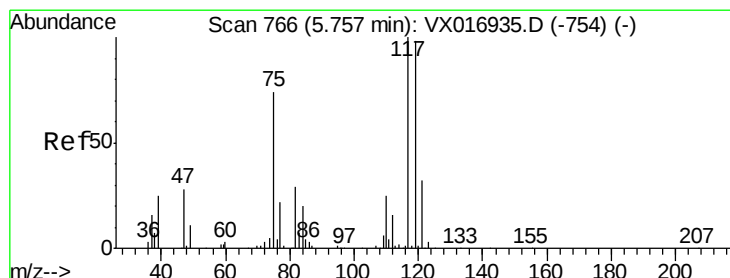
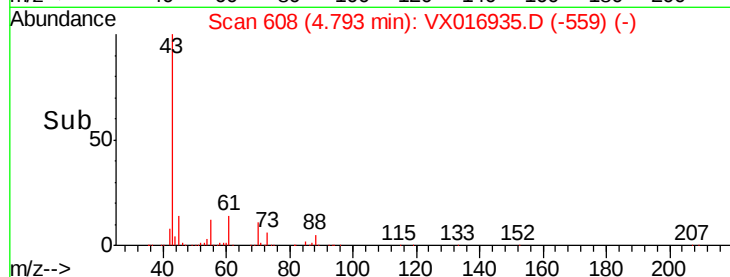
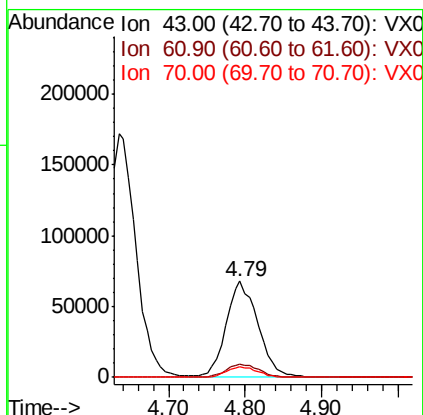
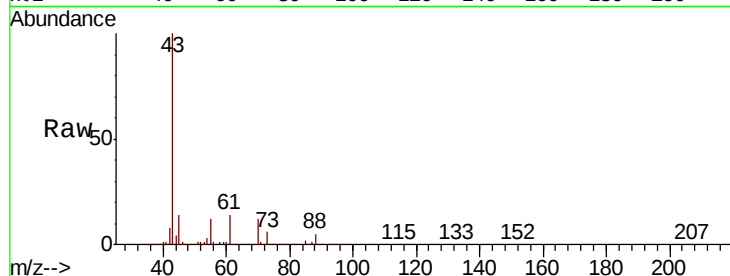




#37
Ethyl Acetate
Concen: 54.343 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

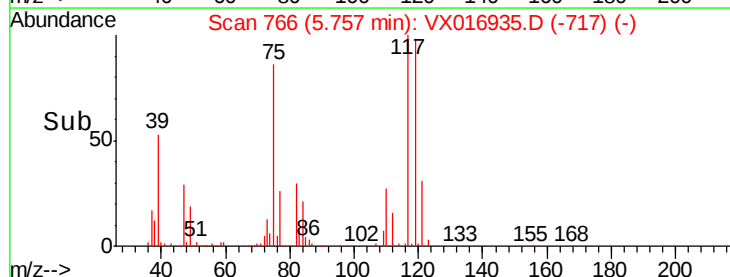
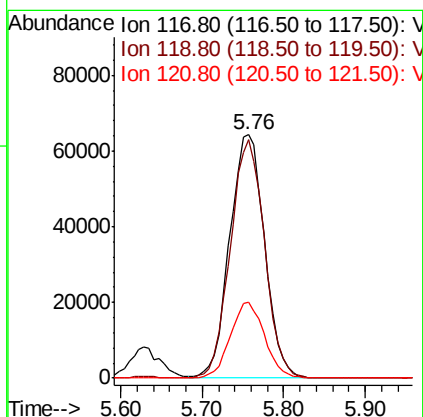
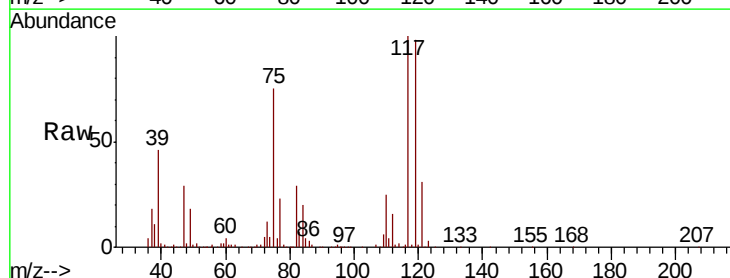
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

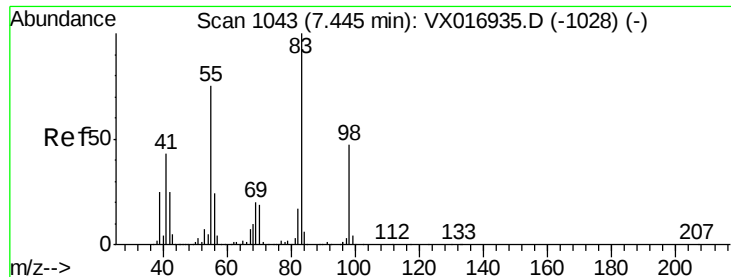
Tot Ion: 43 Resp: 194524
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 54.575 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 117 Resp: 190131
Ion Ratio Lower Upper
117 100
119 97.7 78.2 117.2
121 31.3 25.0 37.6

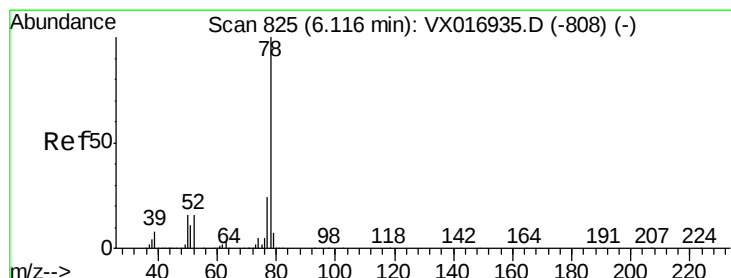
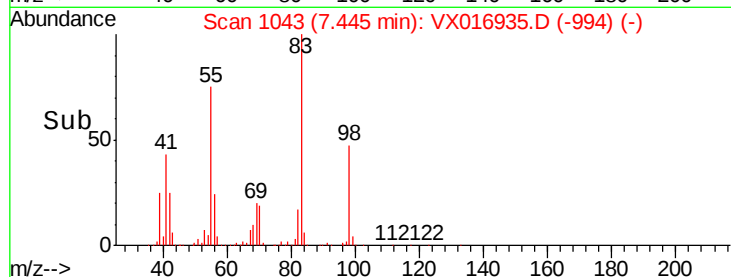
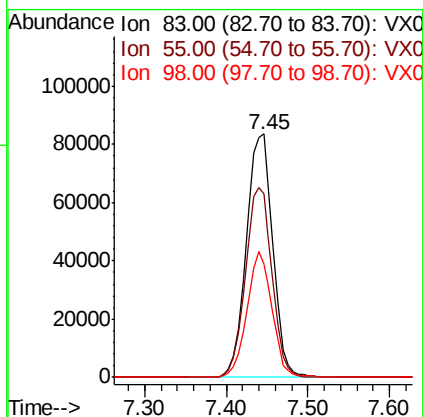
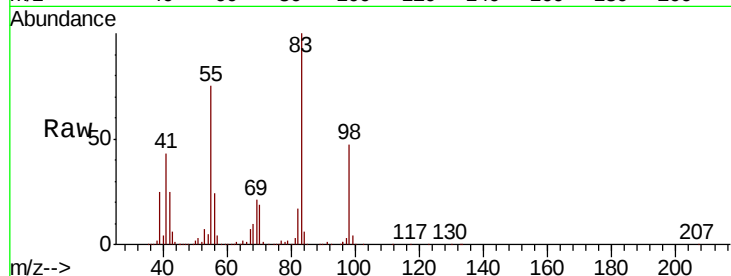




#39
Methvlcvclohexane
Concen: 52.721 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

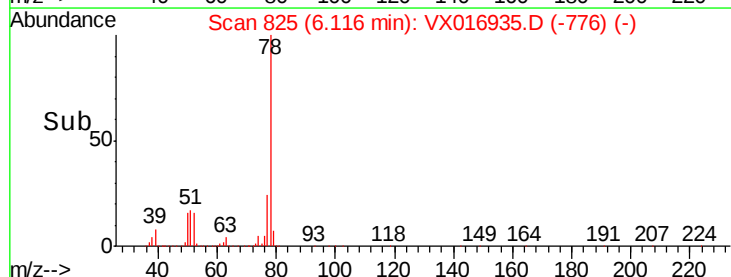
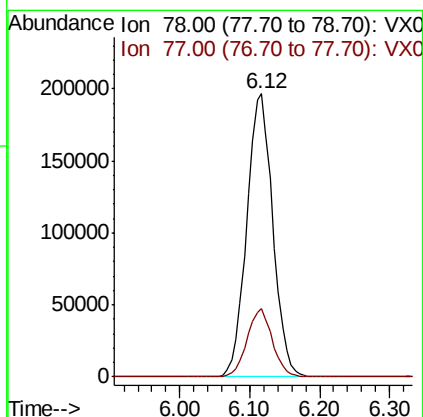
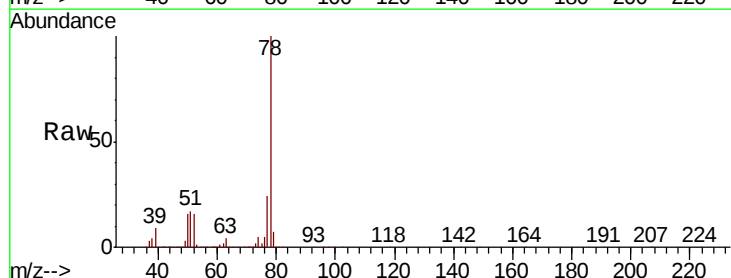
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

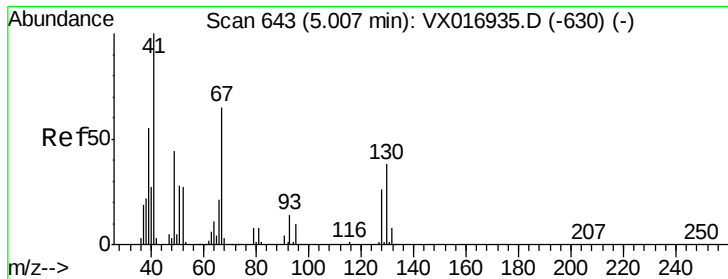
Tot Ion: 83 Resp: 189299
Ion Ratio Lower Upper
83 100
55 74.9 59.9 89.9
98 46.6 37.3 55.9



#40
Benzene
Concen: 54.218 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 78 Resp: 506100
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

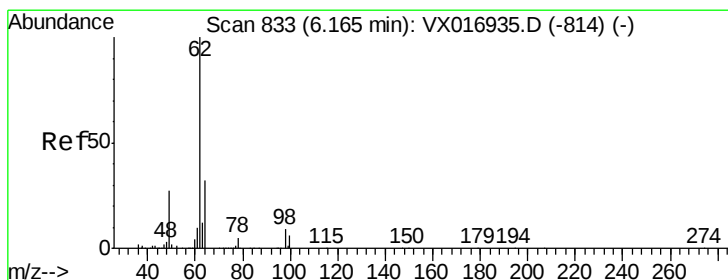
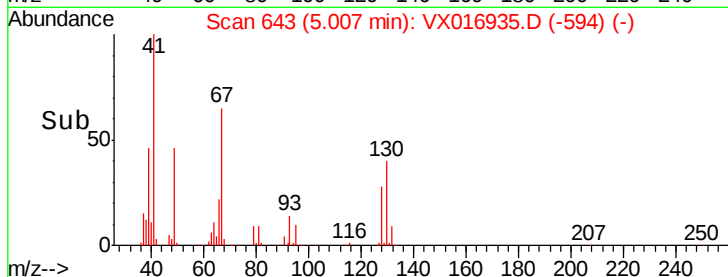
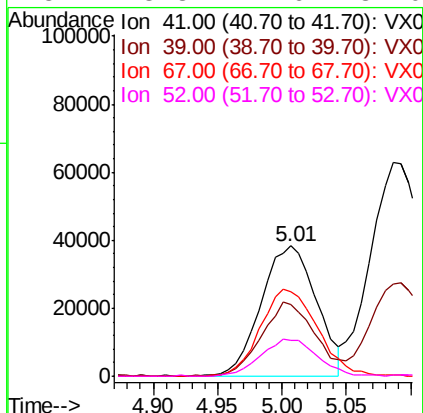
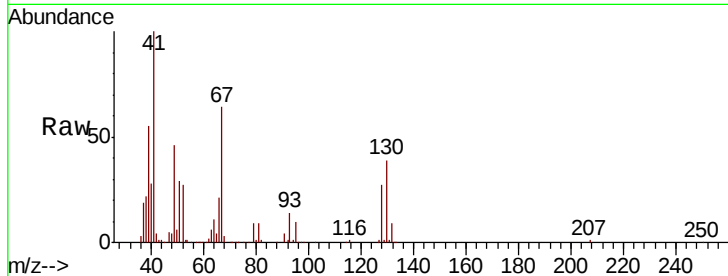




#41
Methacrylonitrile
Concen: 54.604 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

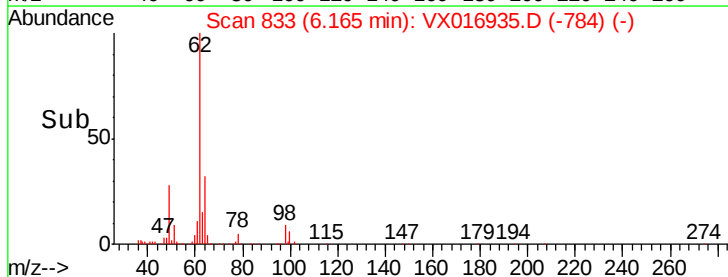
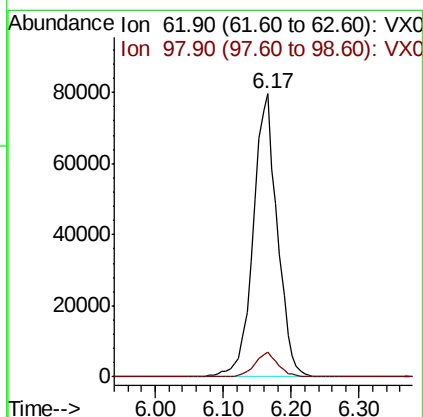
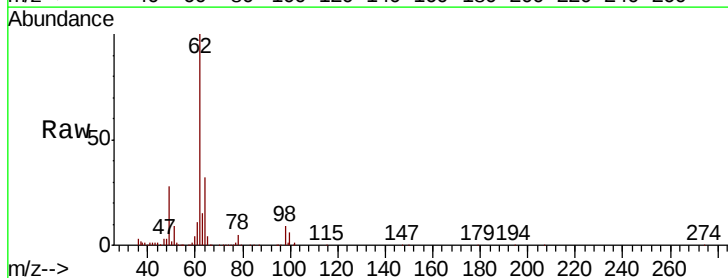
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

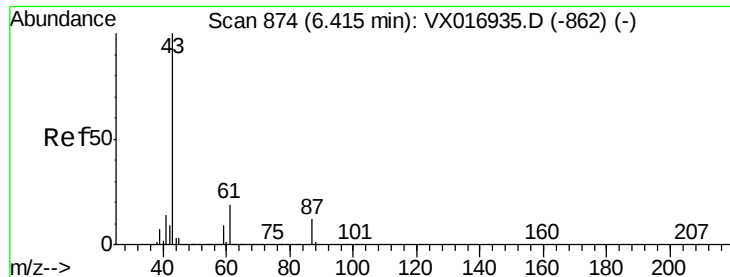
Tot Ion:	41	Resp:	113863
Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.2	66.2
67	68.9	55.1	82.7
52	28.3	22.6	34.0



#42
1,2-Dichloroethane
Concen: 51.494 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion:	62	Resp:	197297
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 52.906 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

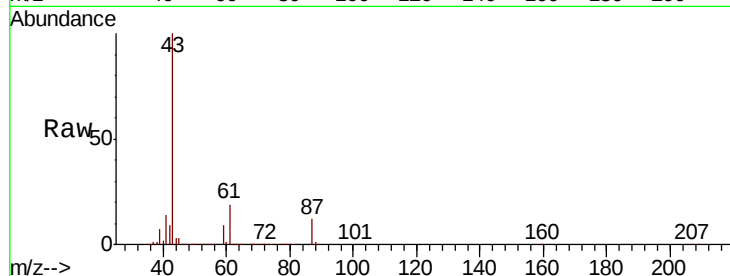
Tot Ion: 43 Resp: 329971

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

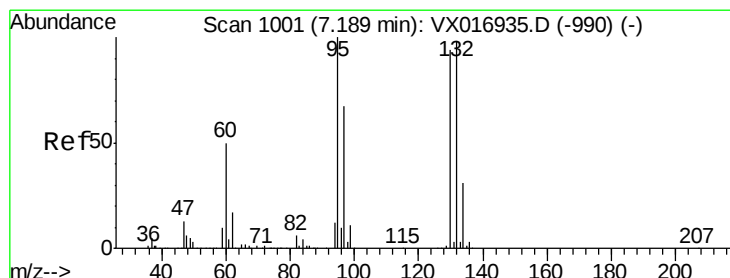
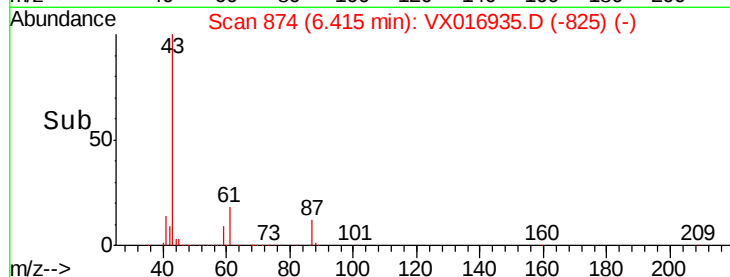
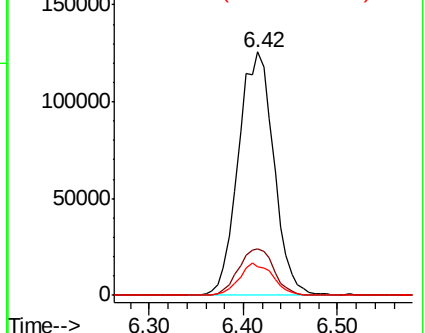
87 12.7 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.259 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016935.D

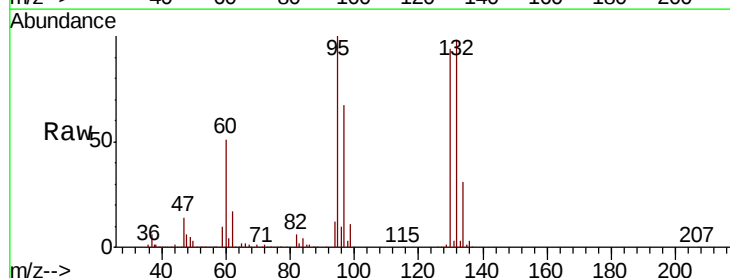
Acq: 23 Jun 2020 17:16

Tgt Ion:130 Resp: 128705

Ion Ratio Lower Upper

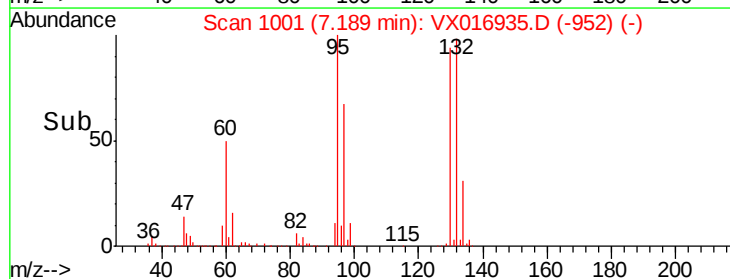
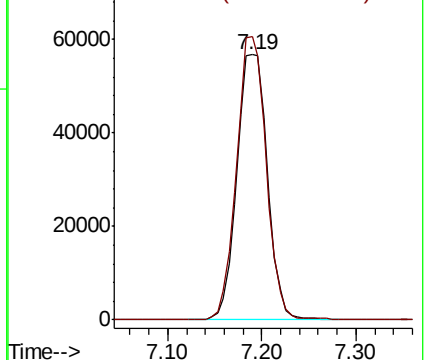
130 100

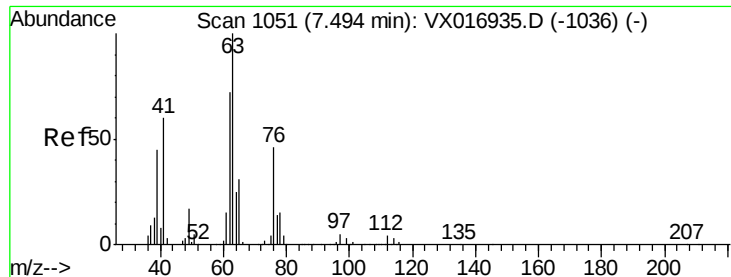
95 106.6 0.0 213.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.177 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

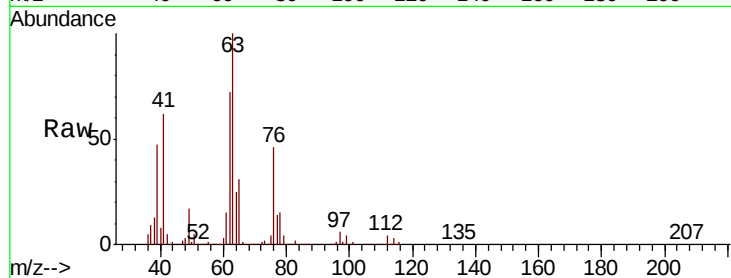
VSTDICCC050

Tot Ion: 63 Resp: 127178

Ion Ratio Lower Upper

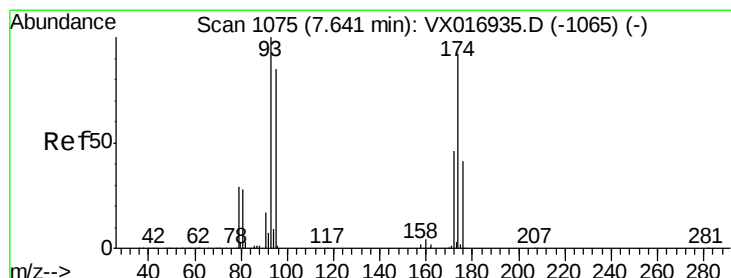
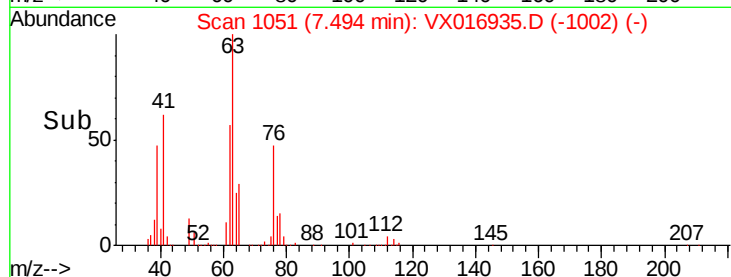
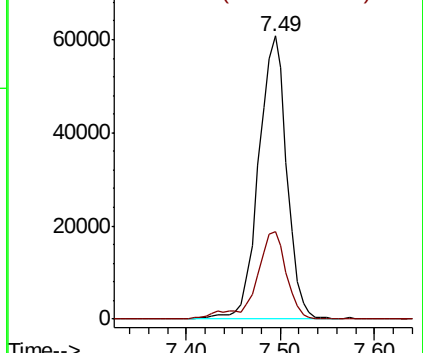
63 100

65 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.166 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

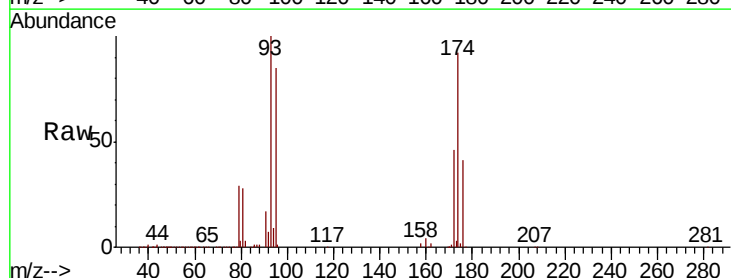
Tgt Ion: 93 Resp: 91456

Ion Ratio Lower Upper

93 100

95 82.9 66.3 99.5

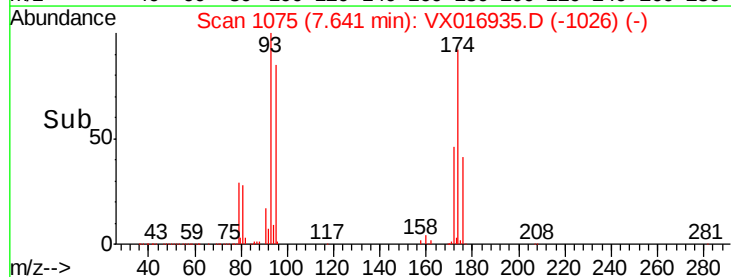
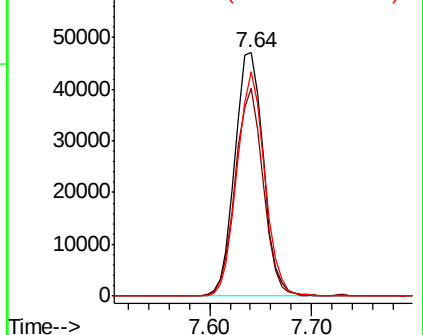
174 88.9 71.1 106.7

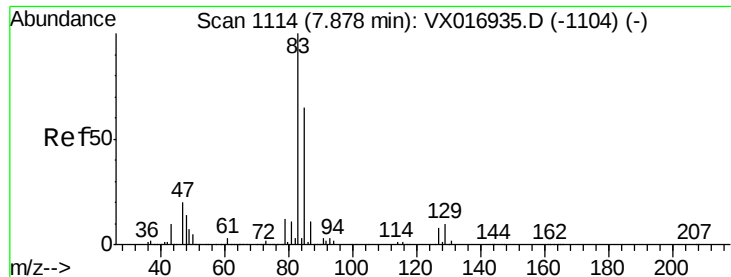


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

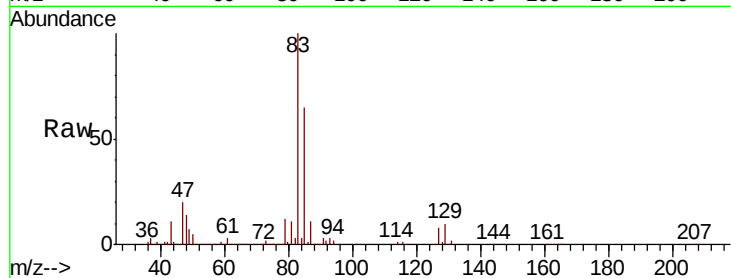




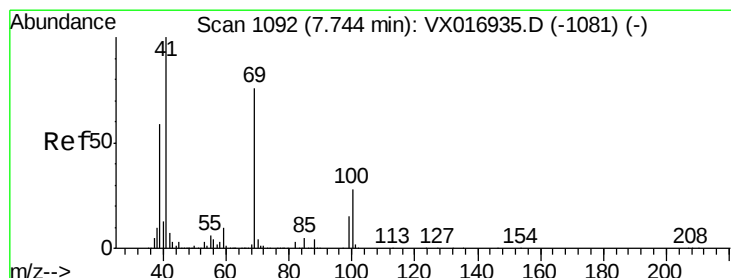
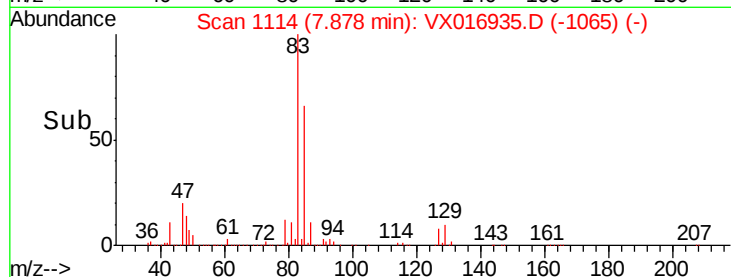
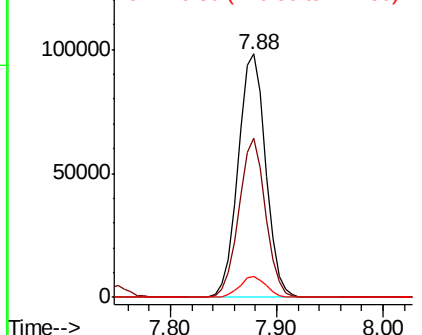
#47
Bromodichloromethane
Concen: 47.720 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 178897
Ion Ratio Lower Upper
83 100
85 65.5 52.4 78.6
127 8.4 6.7 10.1

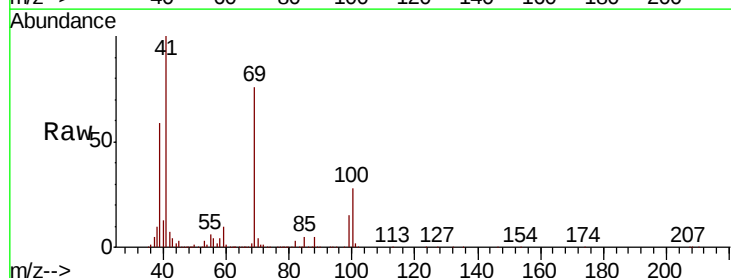


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

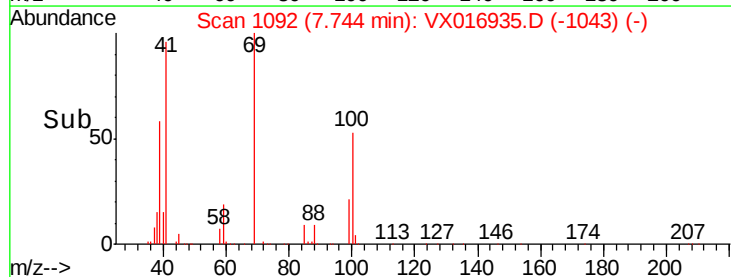
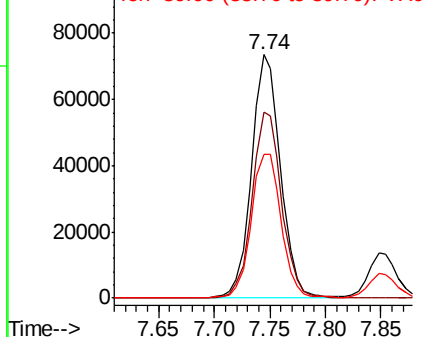


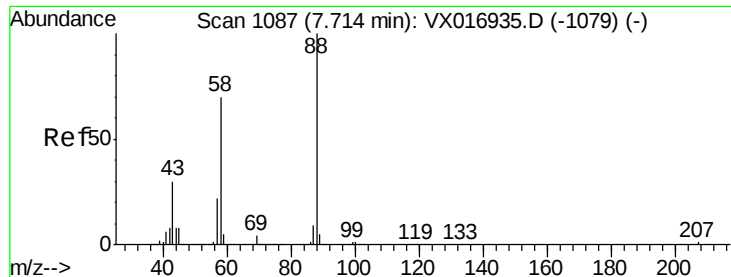
#48
Methyl methacrylate
Concen: 45.780 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 41 Resp: 132766
Ion Ratio Lower Upper
41 100
69 78.1 62.5 93.7
39 61.4 49.1 73.7



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: 1012.582 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

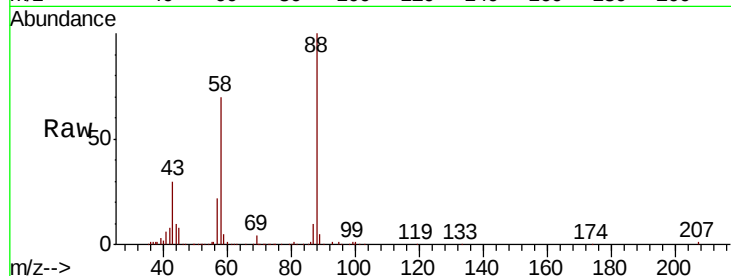
Tot Ion: 88 Resp: 63156

Ion Ratio Lower Upper

88 100

43 34.1 27.3 40.9

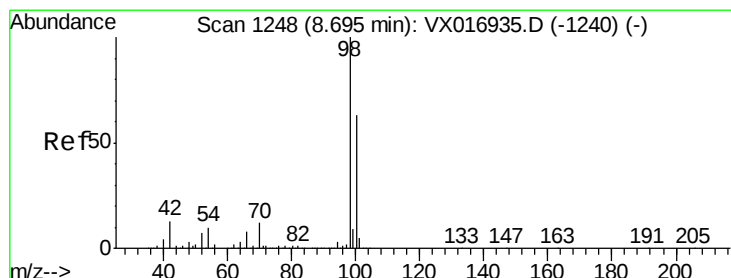
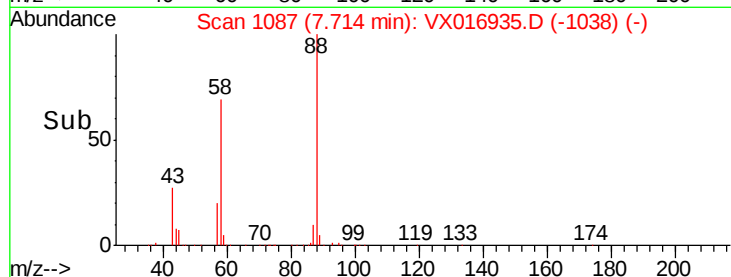
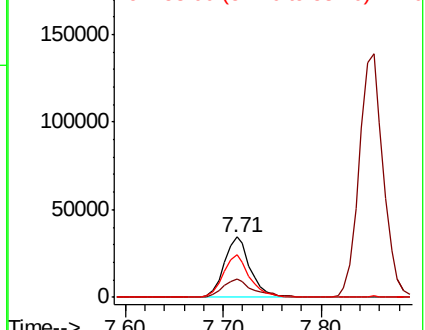
58 71.7 57.4 86.0



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: 49.334 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016935.D

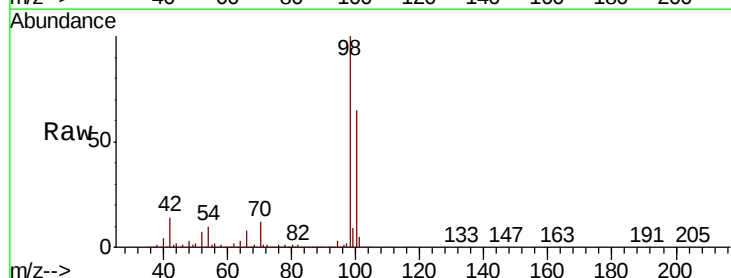
Acq: 23 Jun 2020 17:16

Tgt Ion: 98 Resp: 406864

Ion Ratio Lower Upper

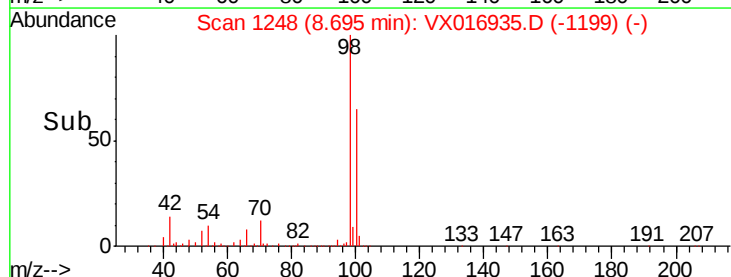
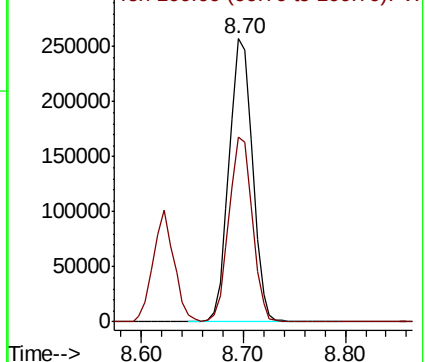
98 100

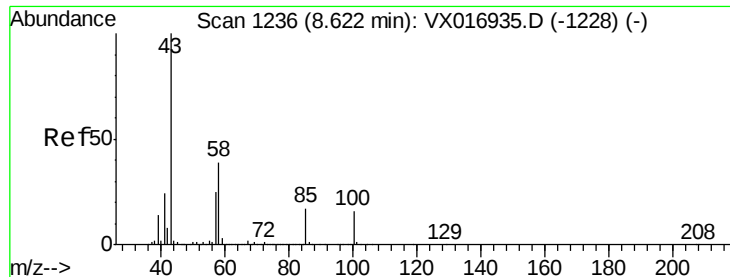
100 65.4 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

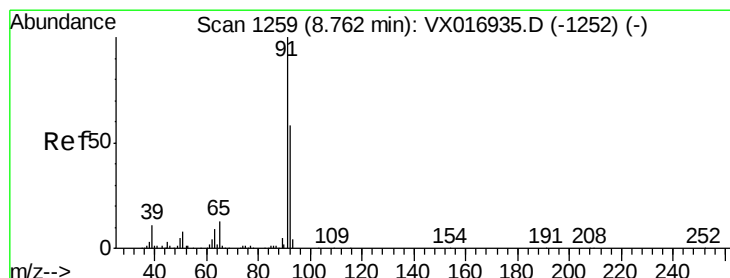
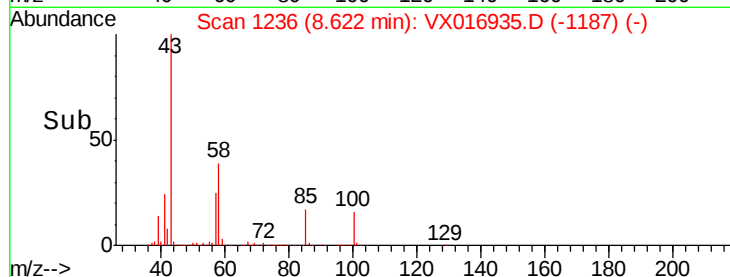
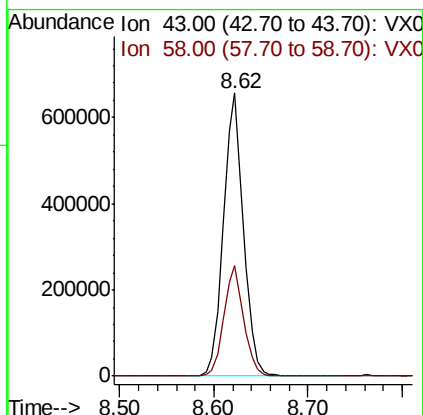
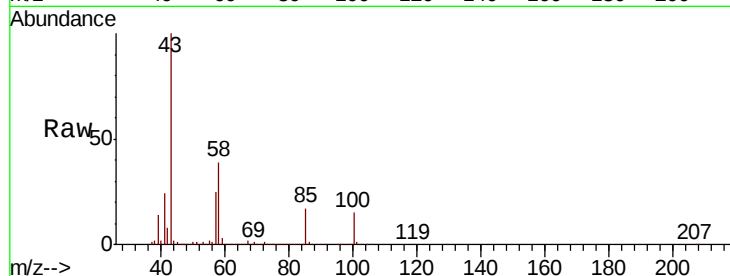




#51
4-Methyl-2-Pentanone
Concen: 265.014 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

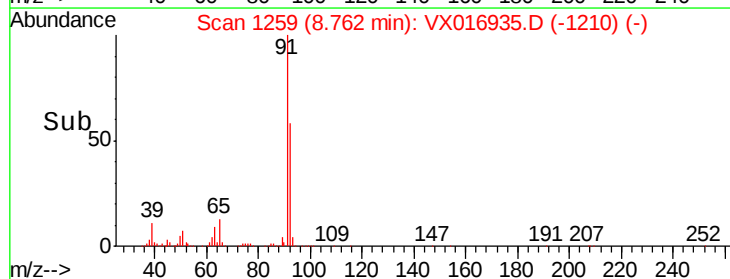
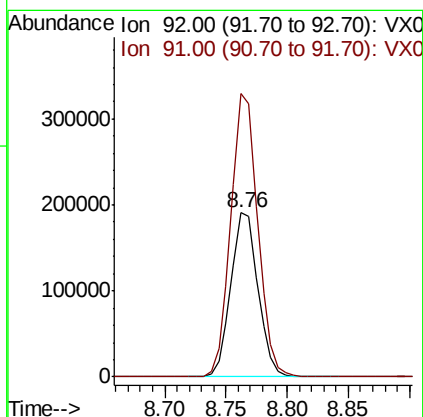
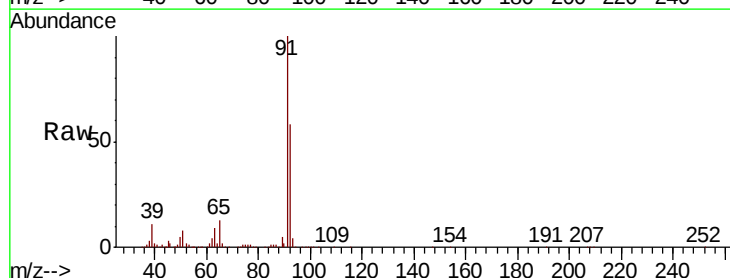
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

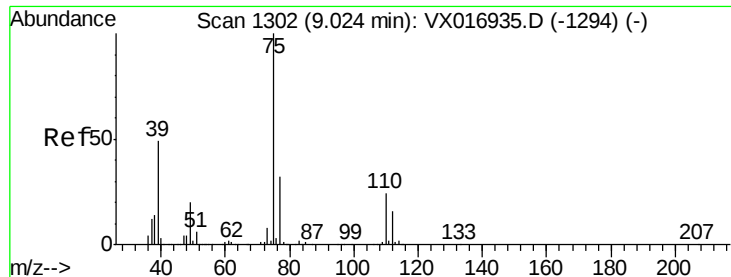
Tot Ion: 43 Resp: 962769
Ion Ratio Lower Upper
43 100
58 38.3 30.6 46.0



#52
Toluene
Concen: 51.000 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 92 Resp: 292431
Ion Ratio Lower Upper
92 100
91 171.7 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 52.681 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

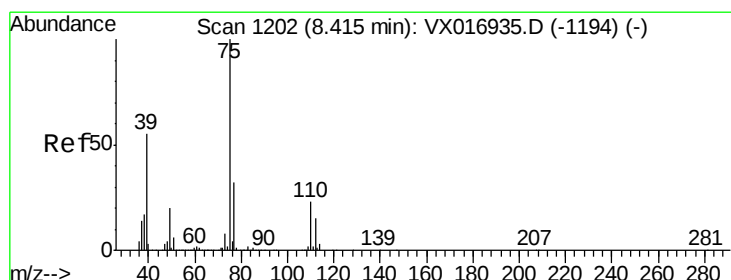
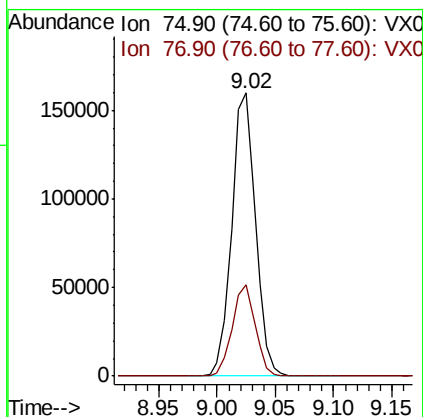
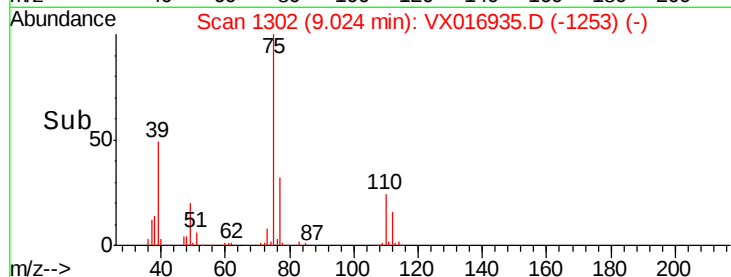
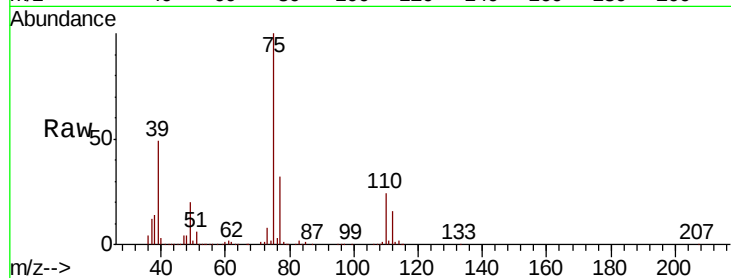
VSTDICCC050

Tot Ion: 75 Resp: 227325

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 46.296 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

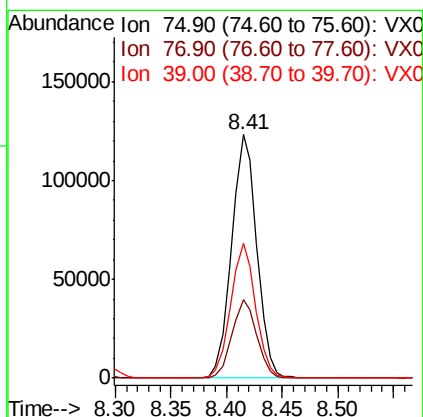
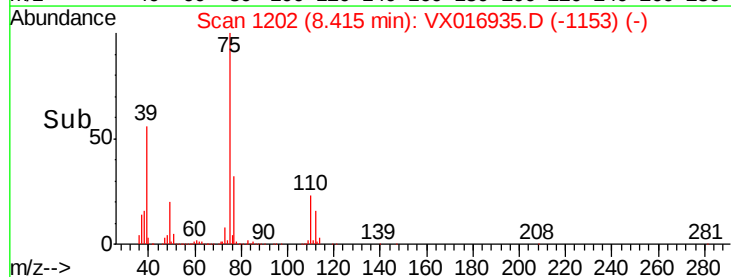
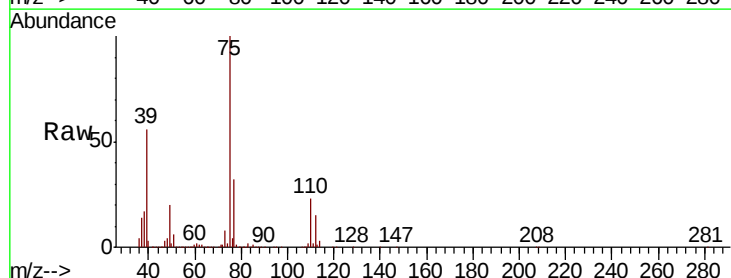
Tgt Ion: 75 Resp: 192771

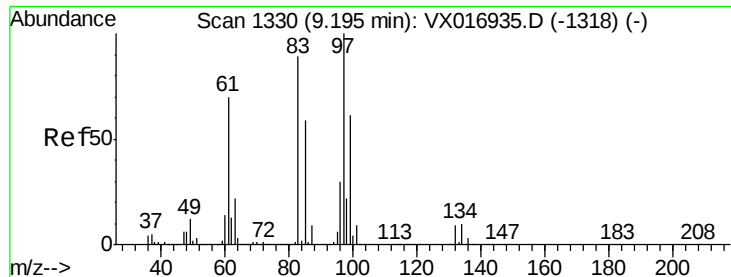
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 55.5 44.4 66.6



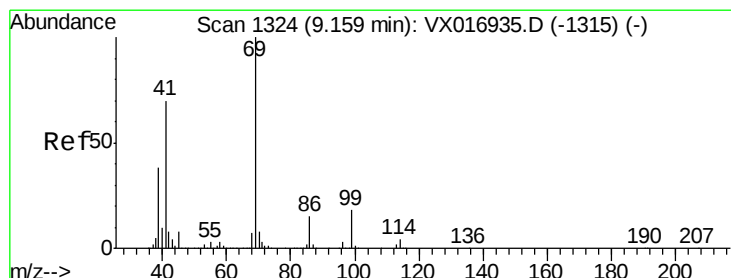
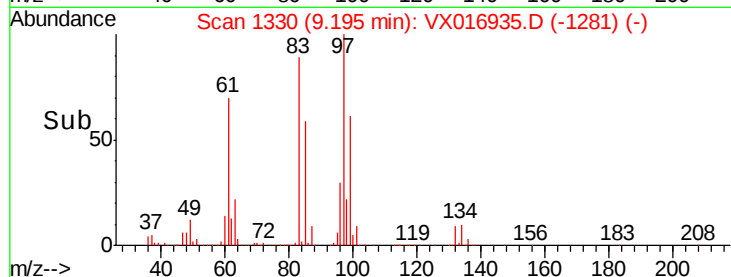
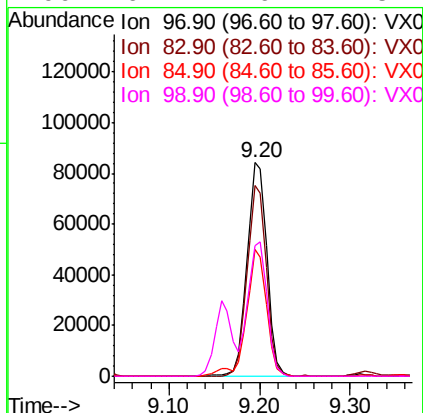
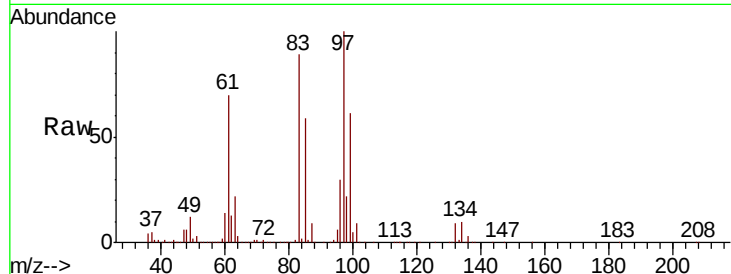


#55
 1,1,2-Trichloroethane
 Concen: 49.122 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 97 Resp: 127565

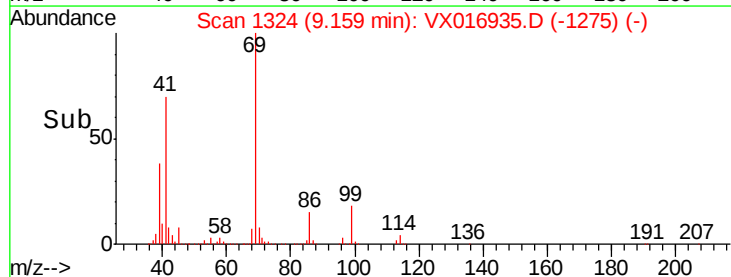
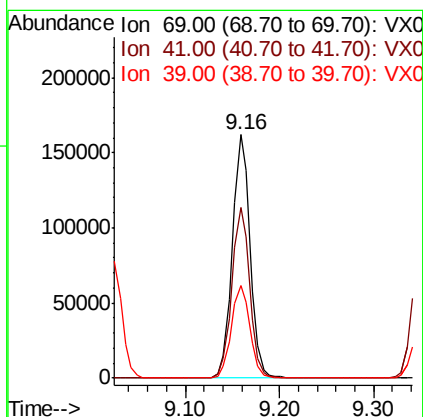
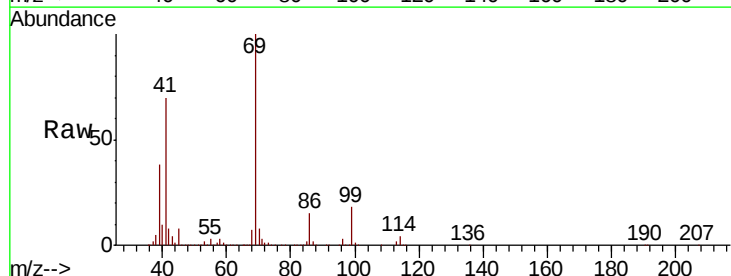
Ion	Ratio	Lower	Upper
97	100		
83	89.1	71.3	106.9
85	59.3	47.4	71.2
99	61.4	49.1	73.7

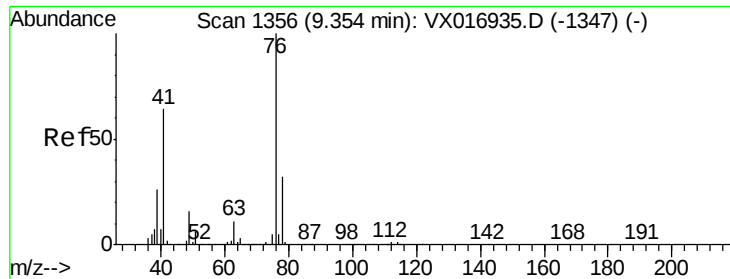


#56
 Ethyl methacrylate
 Concen: 52.459 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Tgt Ion: 69 Resp: 211014

Ion	Ratio	Lower	Upper
69	100		
41	70.7	56.6	84.8
39	39.8	31.8	47.8





#57

1,3-Dichloropropane

Concen: 48.870 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

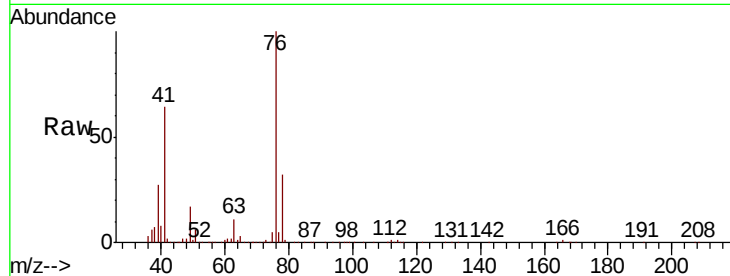
VSTDICCC050

Tot Ion: 76 Resp: 212704

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

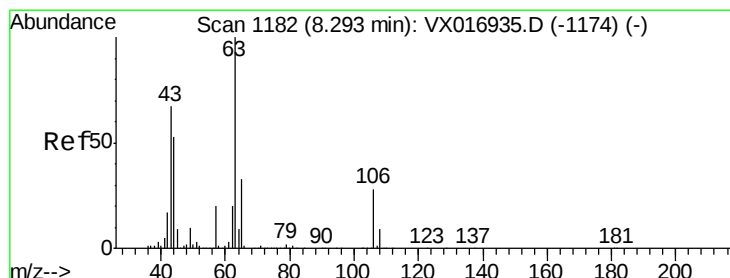
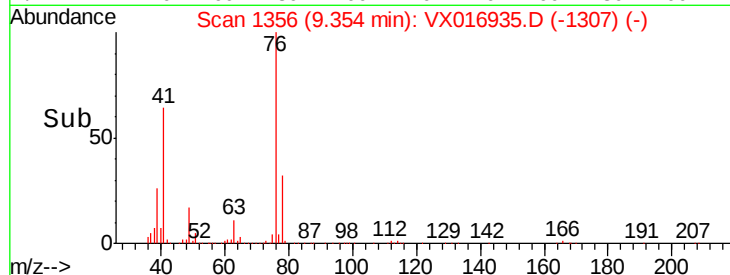
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 266.383 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016935.D

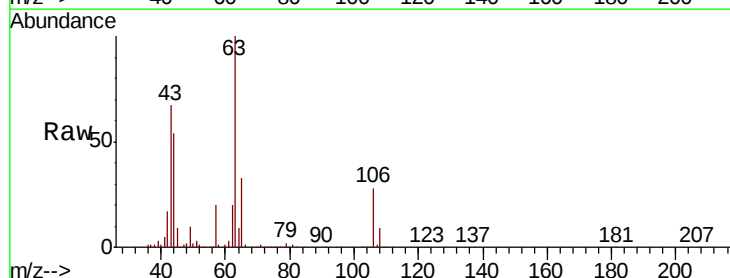
Acq: 23 Jun 2020 17:16

Tgt Ion: 63 Resp: 438908

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

300000

250000

200000

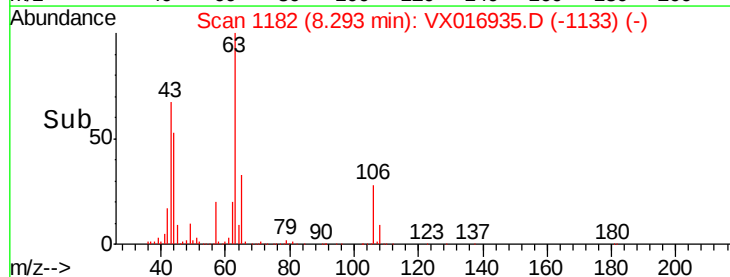
150000

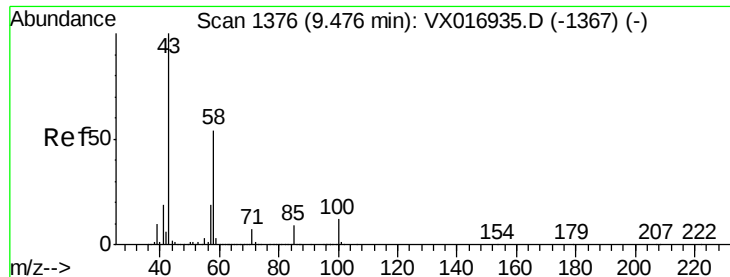
100000

50000

0

Time-->

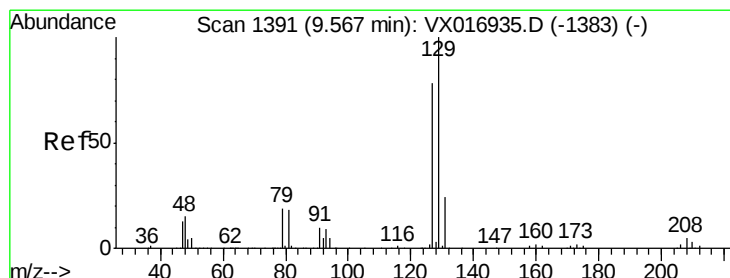
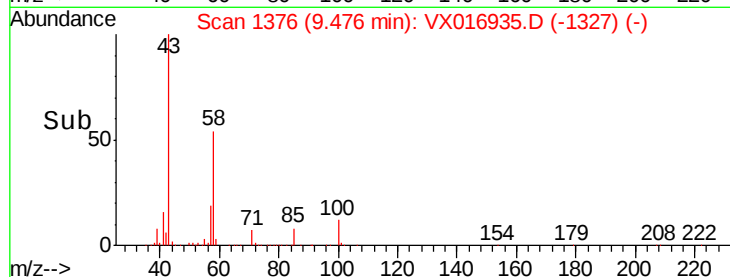
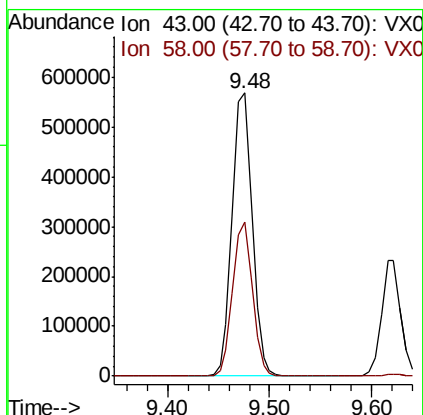
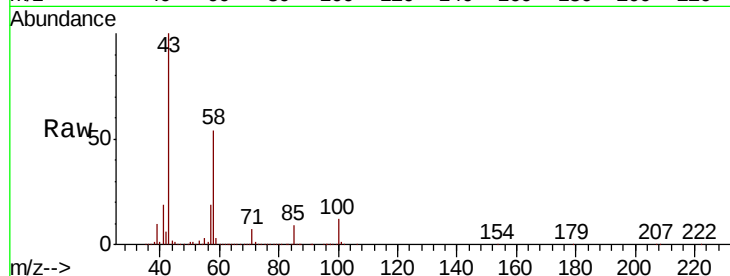




#59
2-Hexanone
Concen: 278.600 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

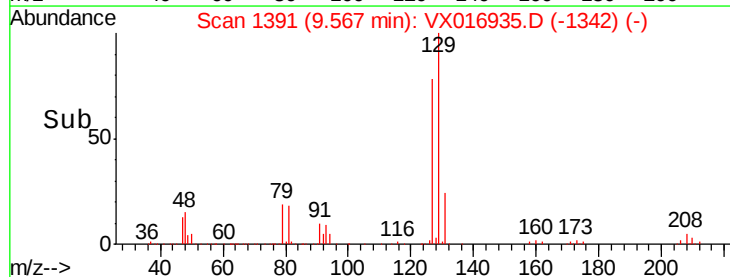
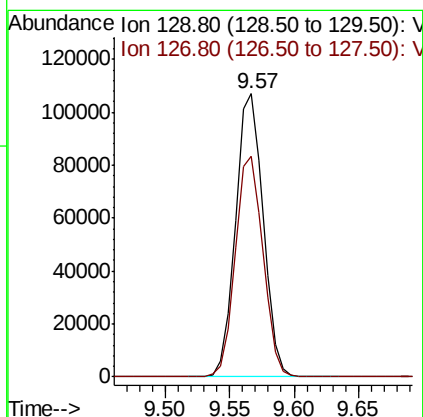
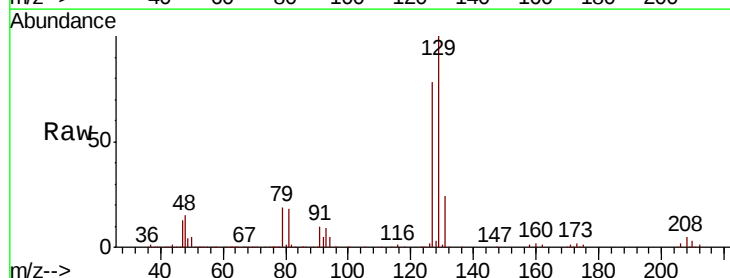
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

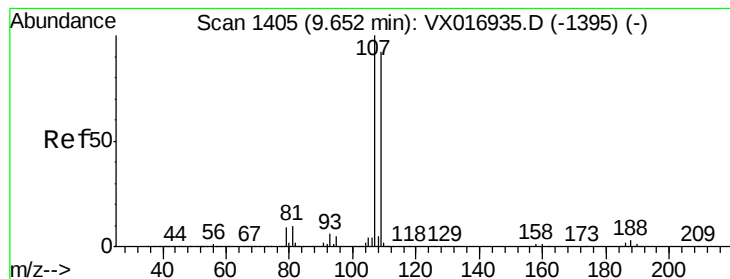
Tot Ion: 43 Resp: 775032
Ion Ratio Lower Upper
43 100
58 53.6 26.8 80.4



#60
Dibromochloromethane
Concen: 56.070 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 129 Resp: 159283
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 55.235 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

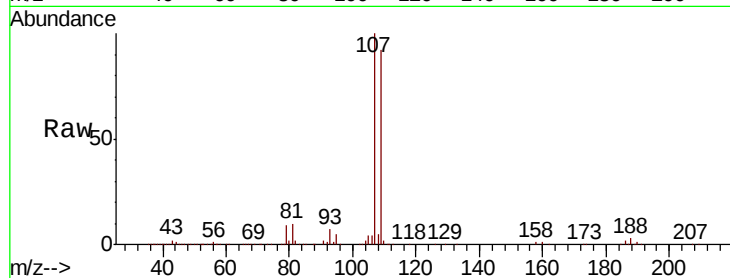
VSTDICCC050

Tot Ion:107 Resp: 147680

Ion Ratio Lower Upper

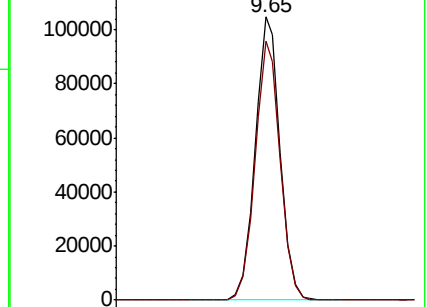
107 100

109 92.3 73.8 110.8

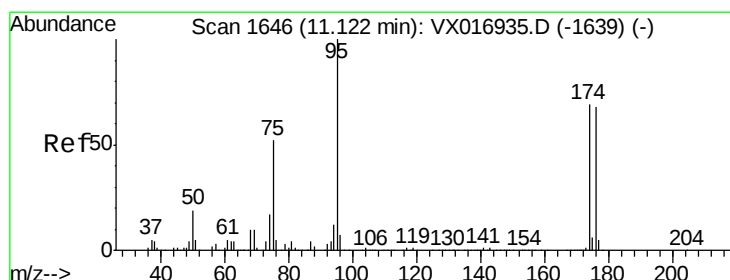
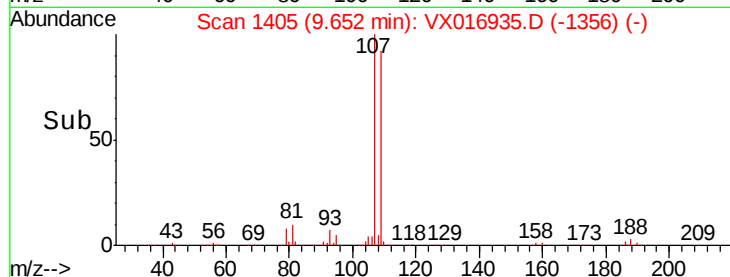


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 50.737 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

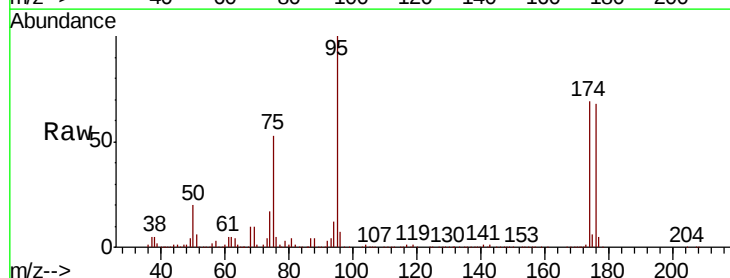
Tgt Ion: 95 Resp: 168488

Ion Ratio Lower Upper

95 100

174 69.0 0.0 138.0

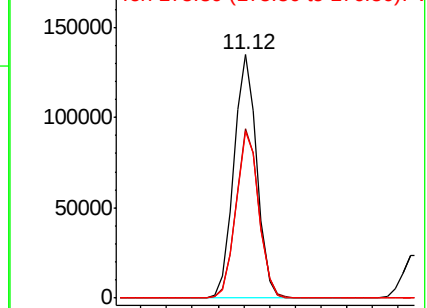
176 67.7 0.0 135.4



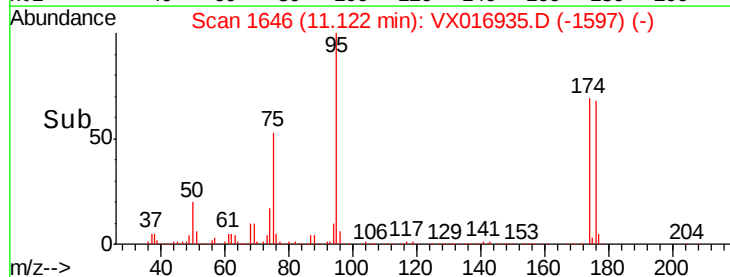
Abundance Ion 94.90 (94.60 to 95.60): VX0

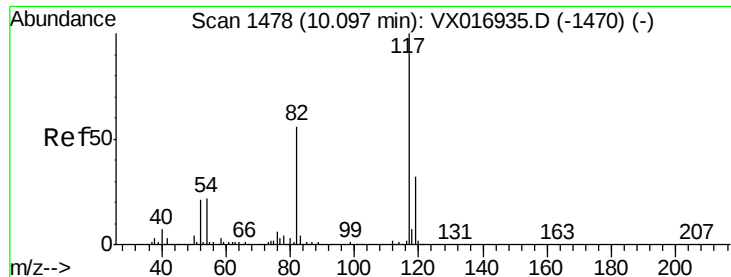
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

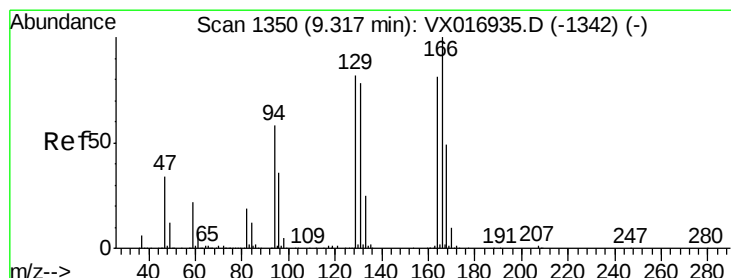
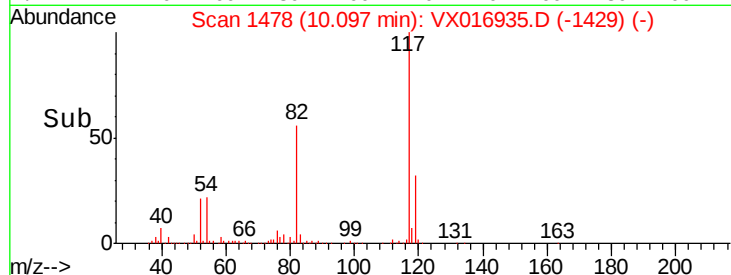
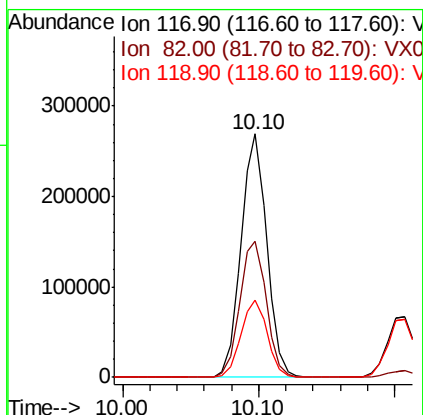
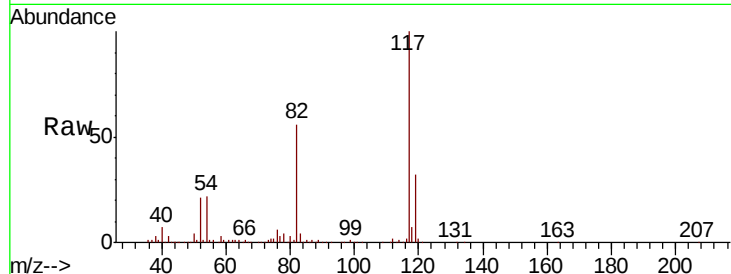




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

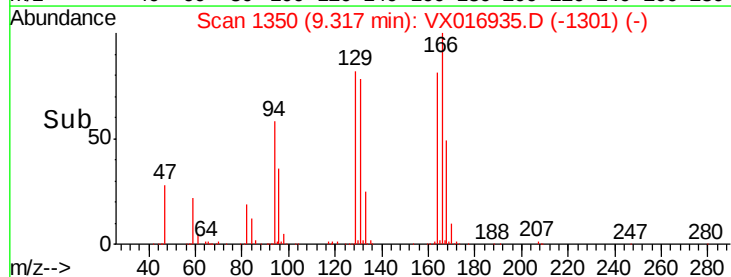
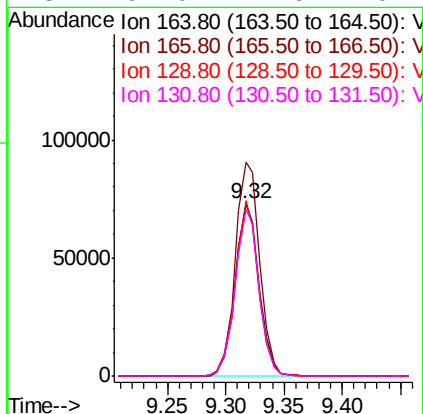
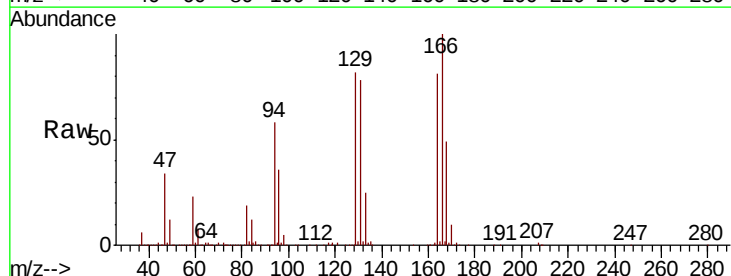
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

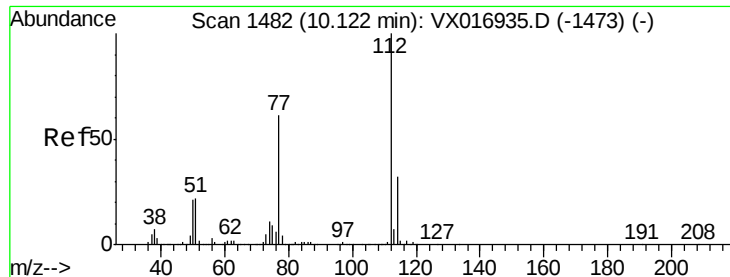
Tot Ion:117 Resp: 355713
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 43.107 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion:164 Resp: 104088
Ion Ratio Lower Upper
164 100
166 124.1 99.3 148.9
129 101.7 81.4 122.0
131 97.0 77.6 116.4

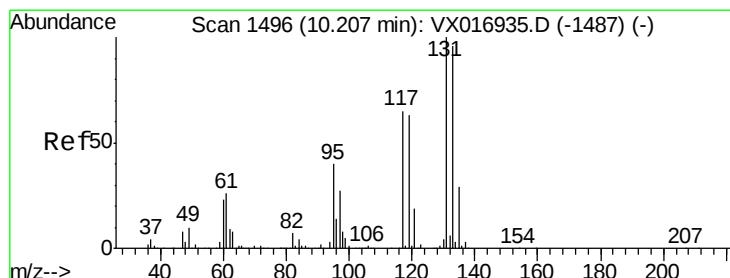
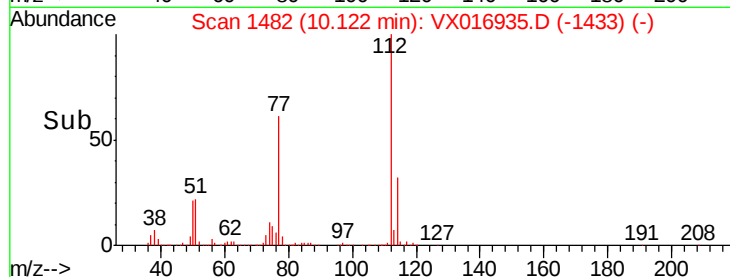
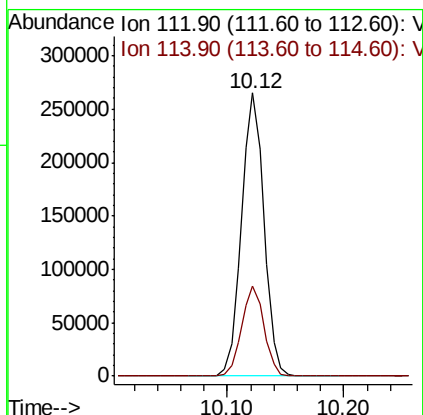
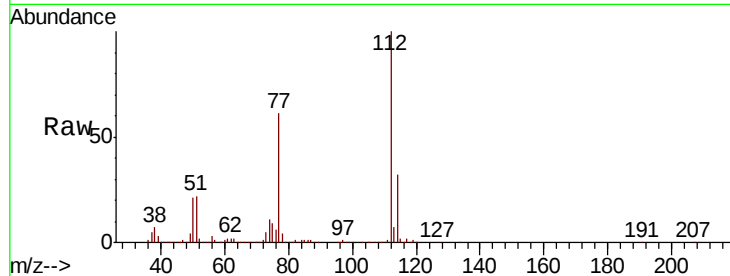




#65
Chlorobenzene
Concen: 49.269 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

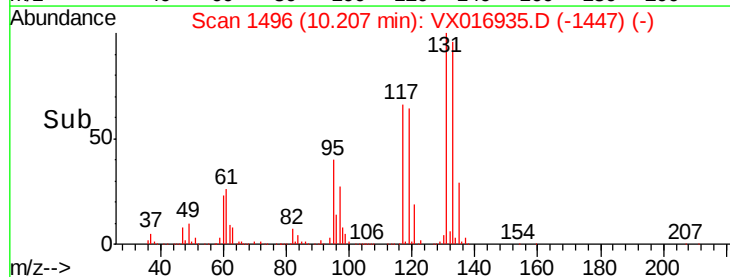
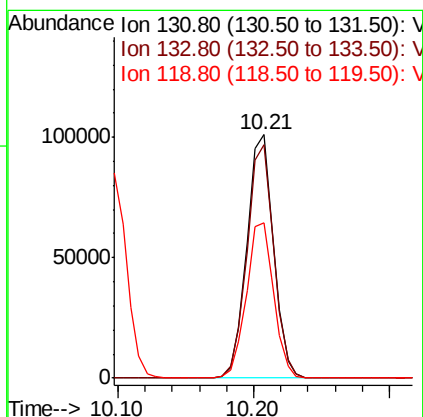
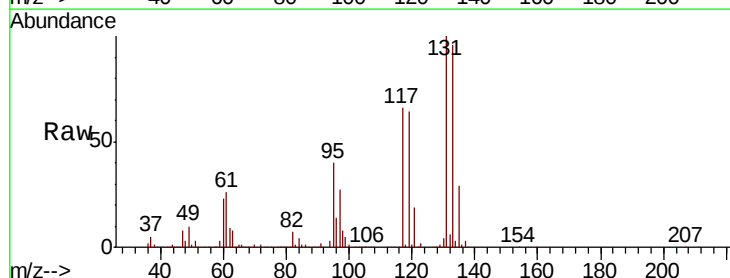
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

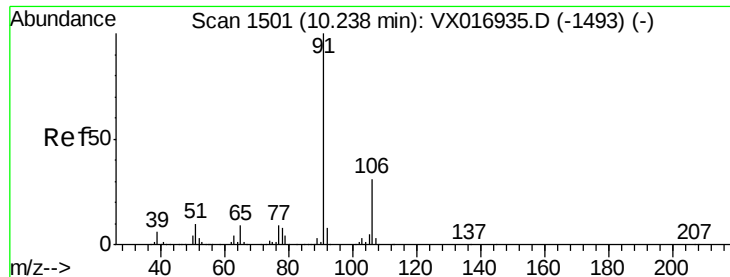
Tot Ion:112 Resp: 357974
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.497 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion:131 Resp: 139299
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 65.4 32.7 98.1

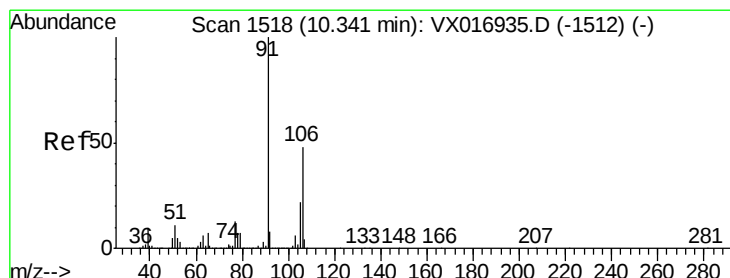
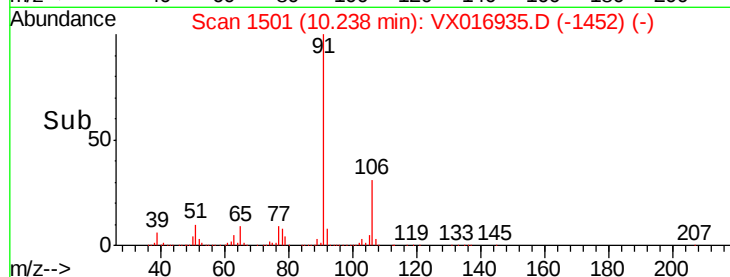
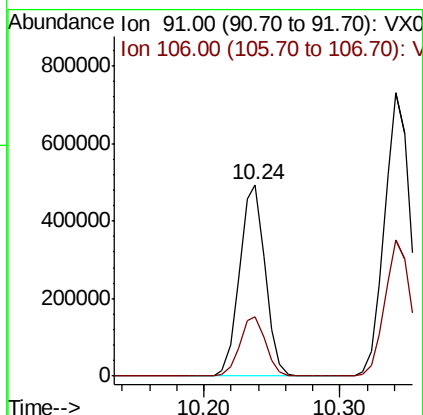
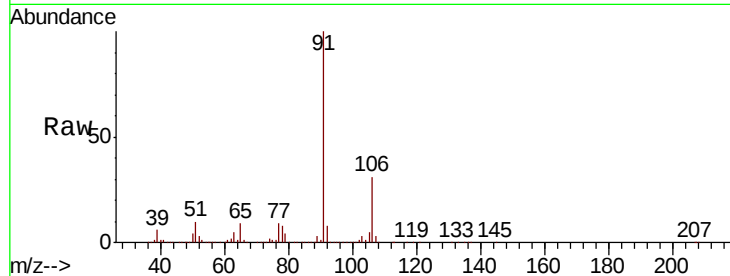




#67
Ethyl Benzene
Concen: 49.555 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

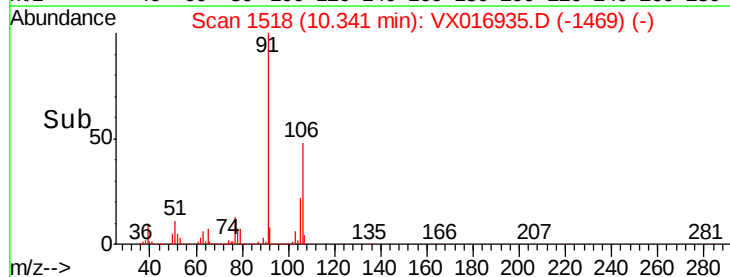
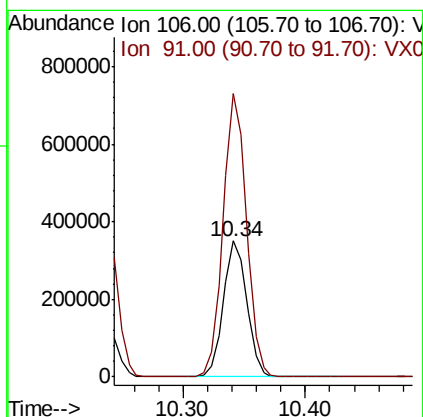
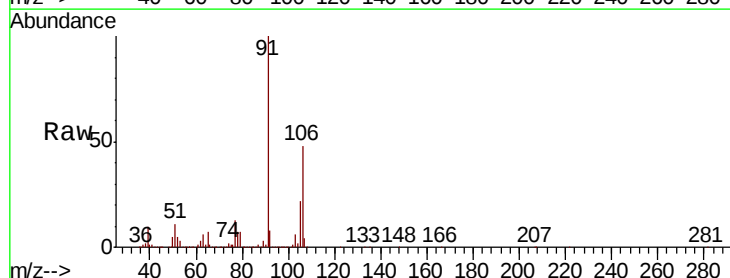
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

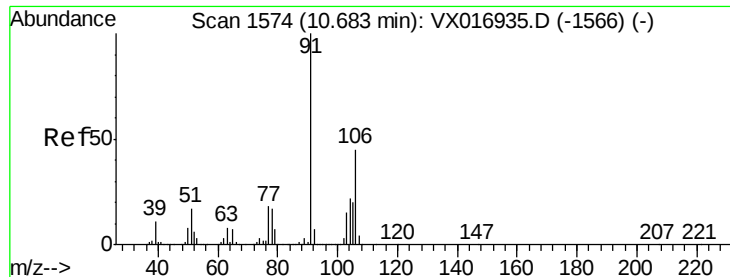
Tot Ion: 91 Resp: 643902
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 97.518 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 106 Resp: 465354
Ion Ratio Lower Upper
106 100
91 207.7 166.2 249.2

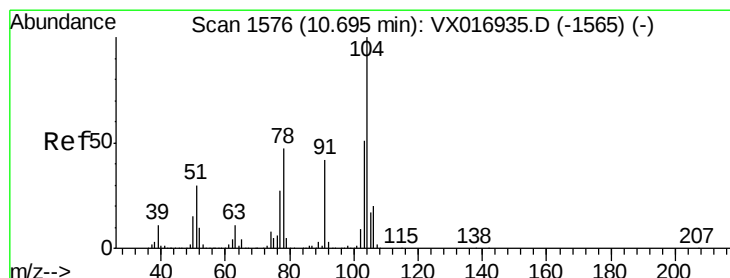
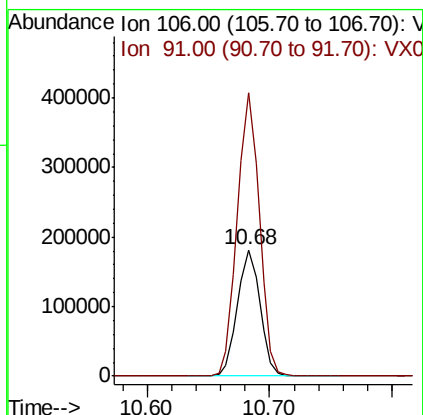
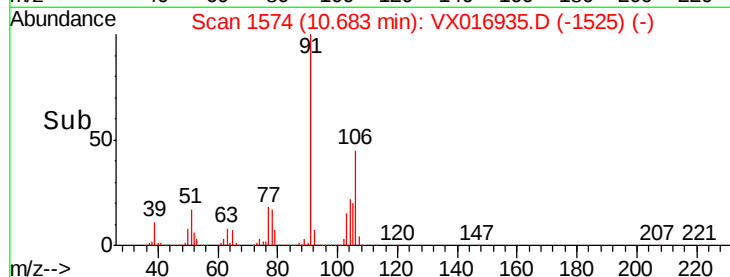
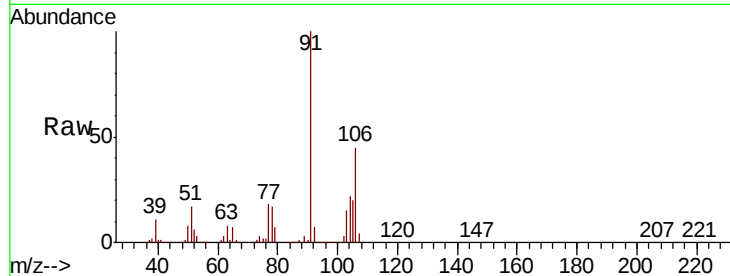




#69
o-Xylene
Concen: 50.839 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

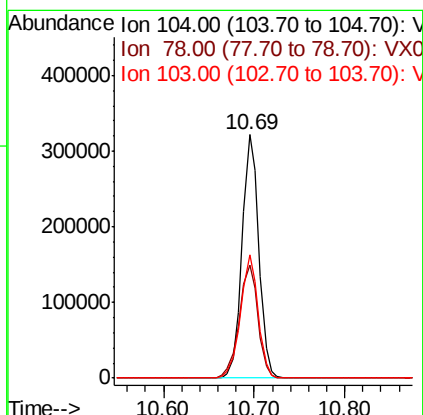
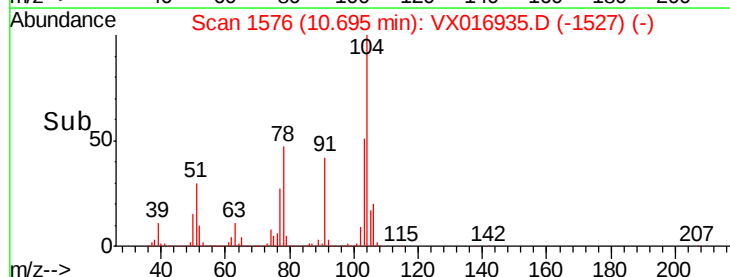
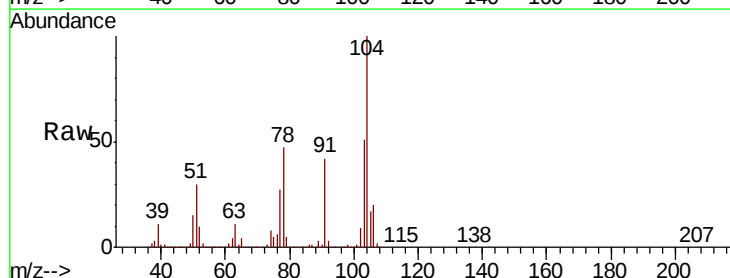
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

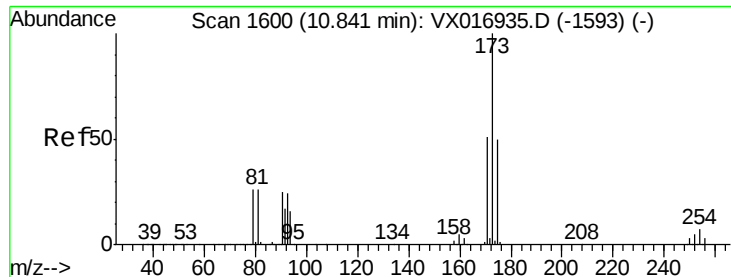
Tot Ion:106 Resp: 231745
Ion Ratio Lower Upper
106 100
91 219.6 109.8 329.4



#70
Styrene
Concen: 53.065 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion:104 Resp: 411674
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 53.4 42.7 64.1





#71

Bromoform

Concen: 49.494 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

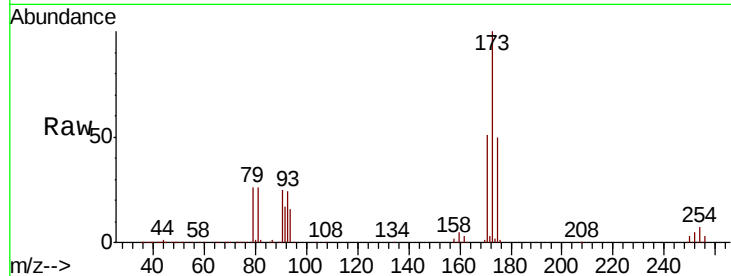
Tot Ion:173 Resp: 103578

Ion Ratio Lower Upper

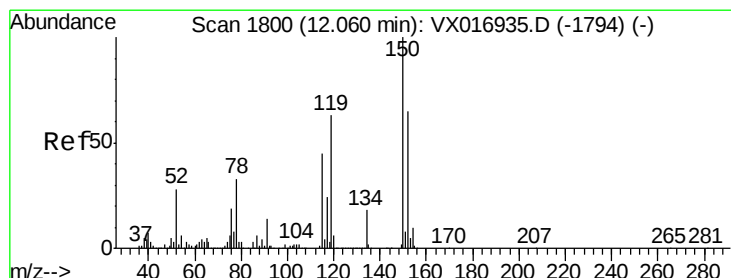
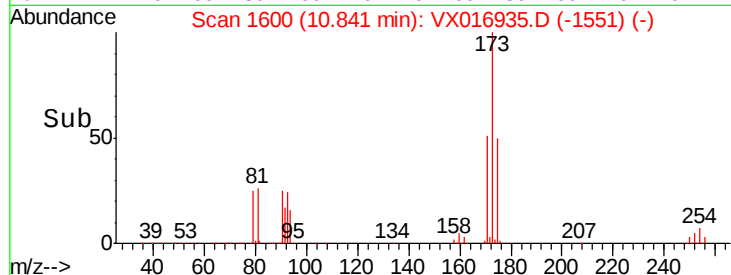
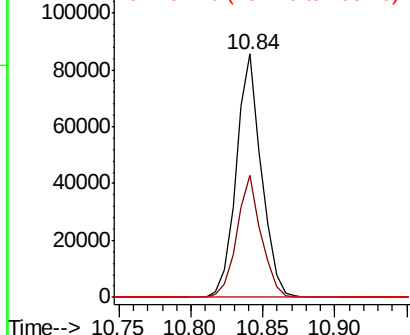
173 100

175 48.6 24.3 72.9

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: VX016935.D

Acq: 23 Jun 2020 17:16

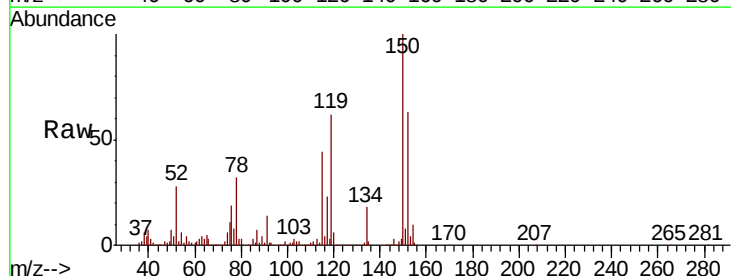
Tgt Ion:152 Resp: 134923

Ion Ratio Lower Upper

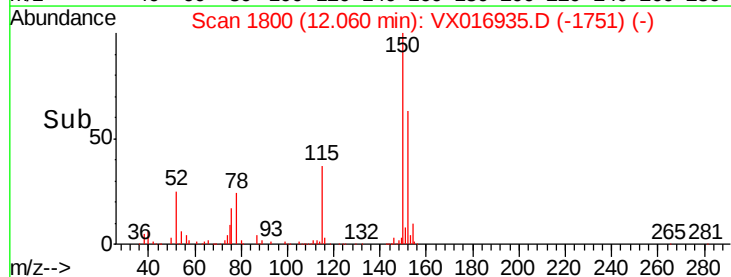
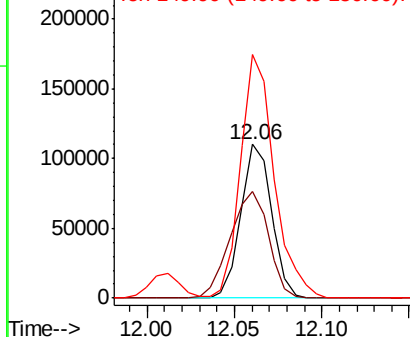
152 100

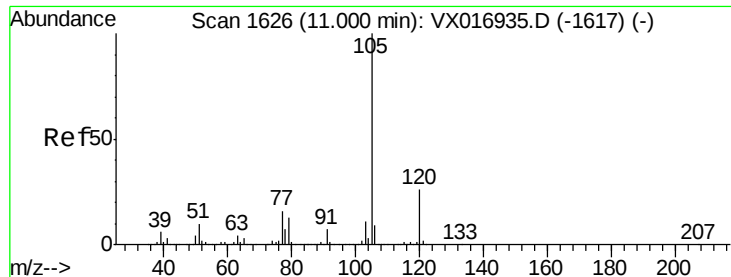
115 86.3 43.1 129.4

150 173.0 0.0 346.0



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: 61.496 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampled :

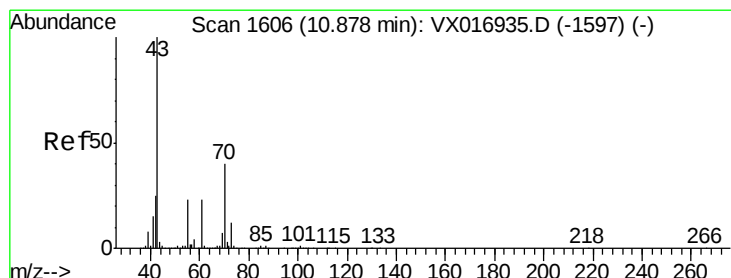
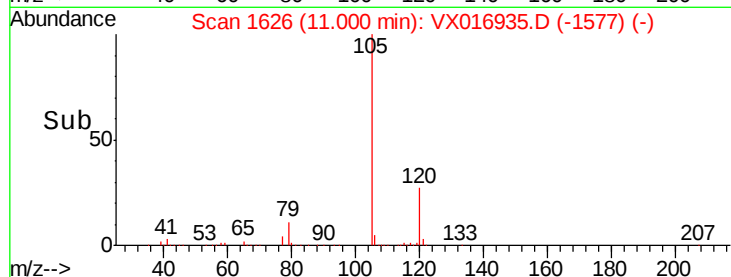
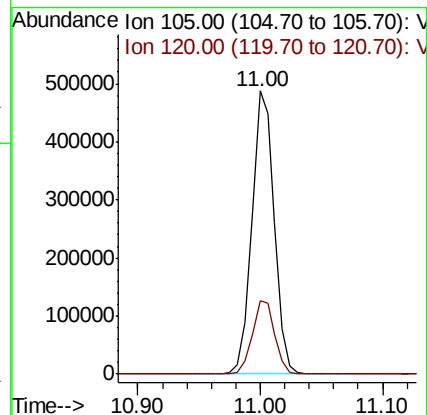
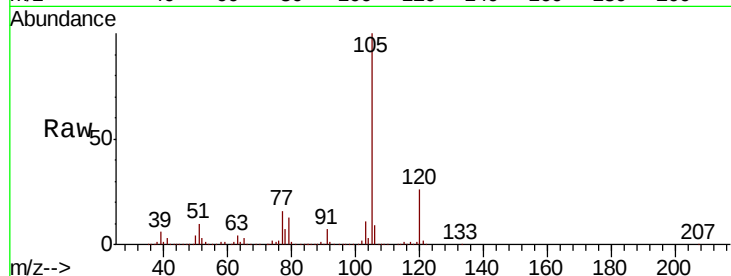
VSTDICCC050

Tot Ion:105 Resp: 615670

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 60.053 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Tgt Ion: 43 Resp: 300895

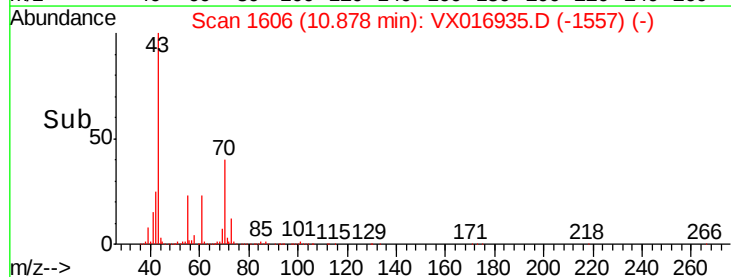
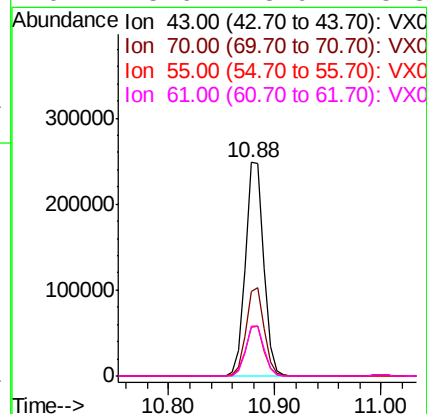
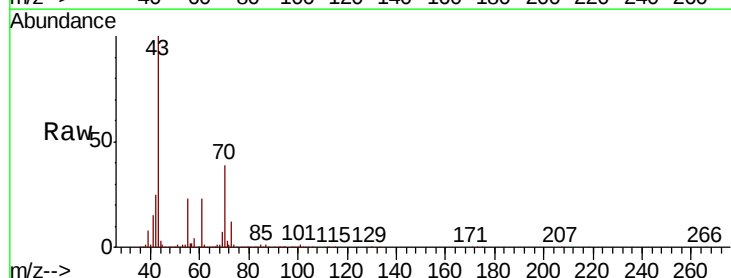
Ion Ratio Lower Upper

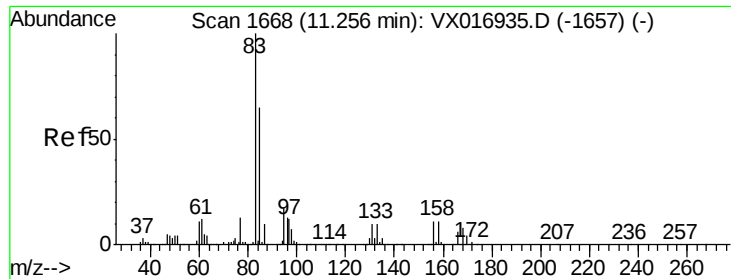
43 100

70 40.8 32.6 49.0

55 23.5 18.8 28.2

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 57.459 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

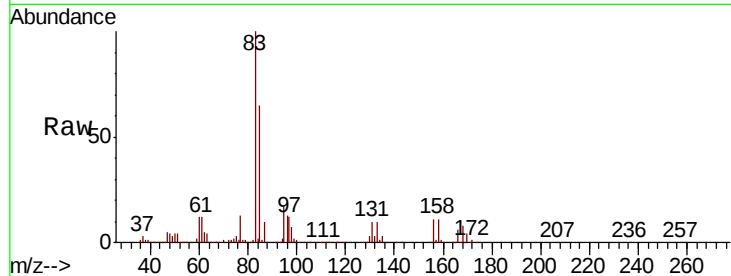
Tot Ion: 83 Resp: 192491

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

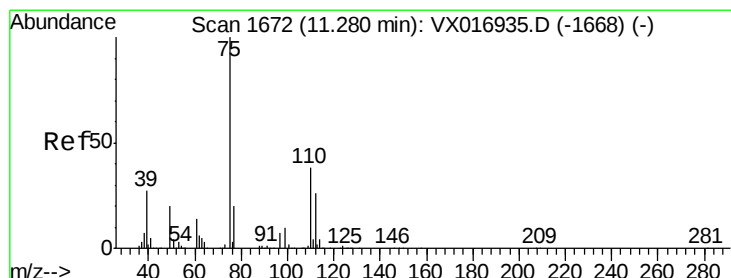
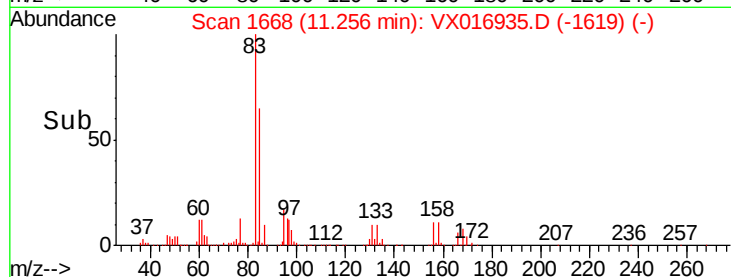
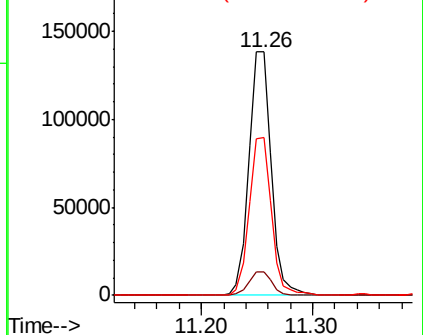
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.857 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016935.D

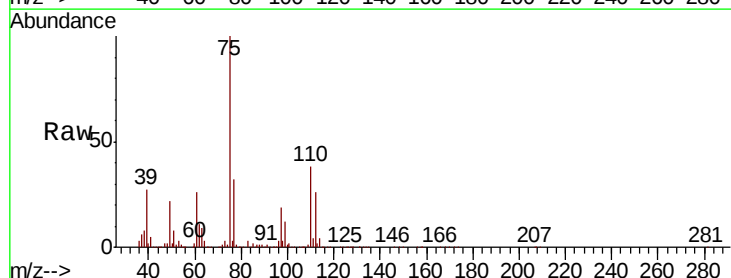
Acq: 23 Jun 2020 17:16

Tgt Ion: 75 Resp: 246666

Ion Ratio Lower Upper

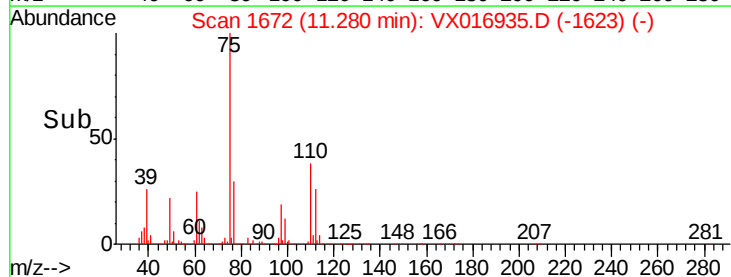
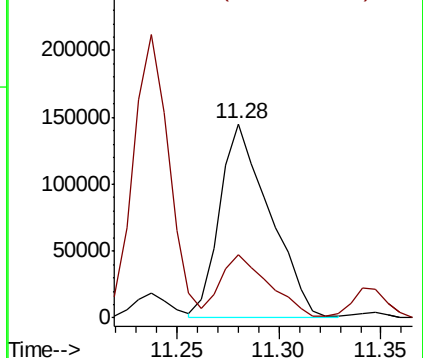
75 100

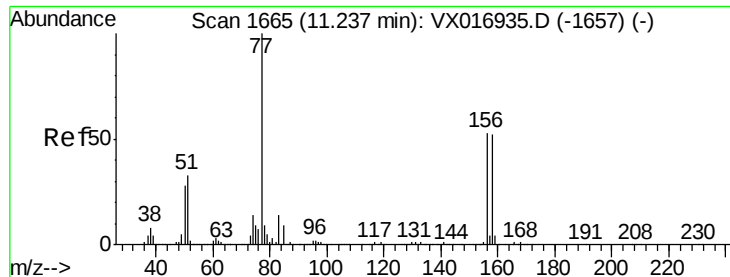
77 31.7 20.1 60.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 57.699 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

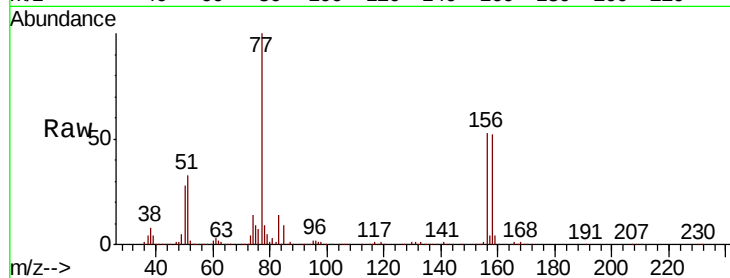
Tot Ion:156 Resp: 141825

Ion Ratio Lower Upper

156 100

77 182.1 91.0 273.1

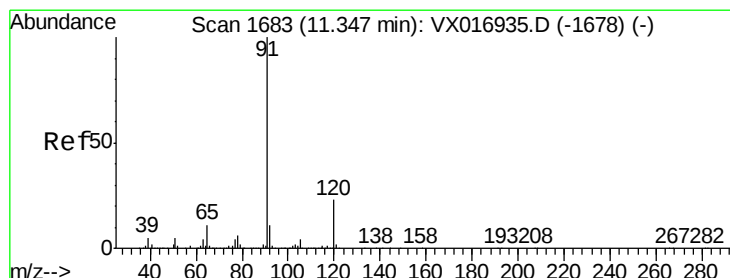
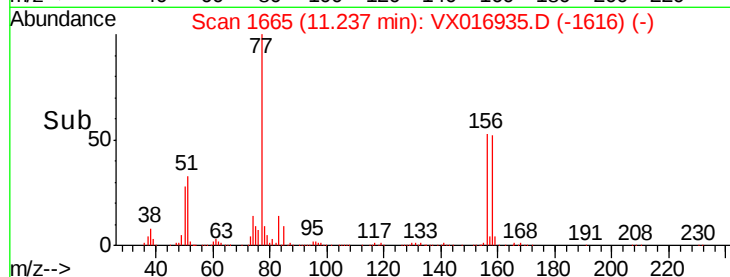
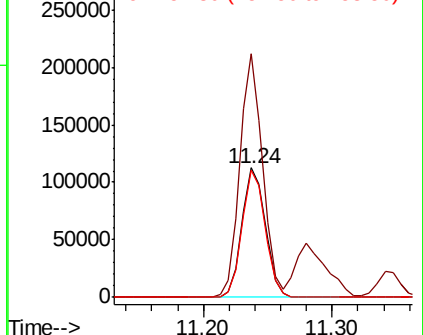
158 96.9 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 59.984 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX016935.D

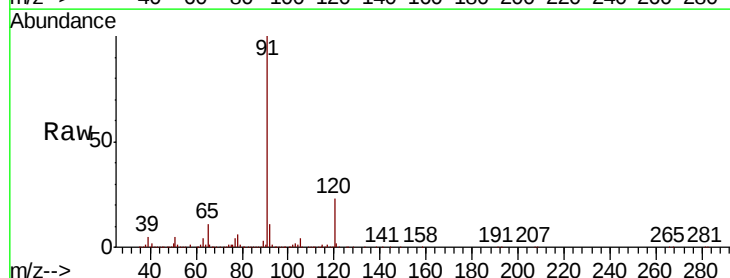
Acq: 23 Jun 2020 17:16

Tgt Ion: 91 Resp: 684642

Ion Ratio Lower Upper

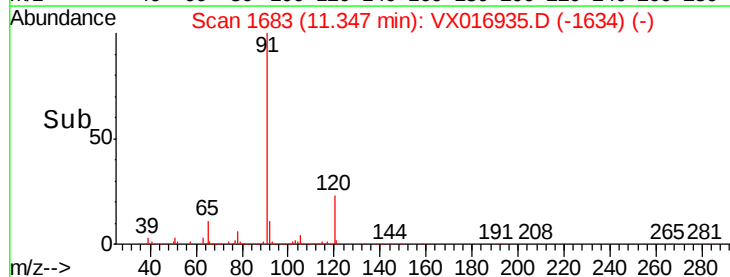
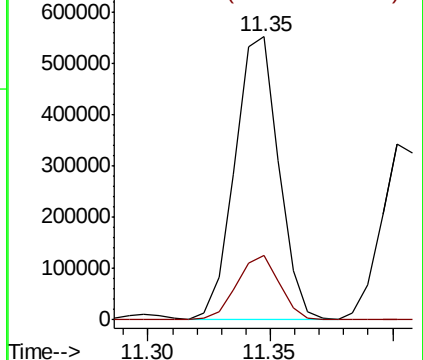
91 100

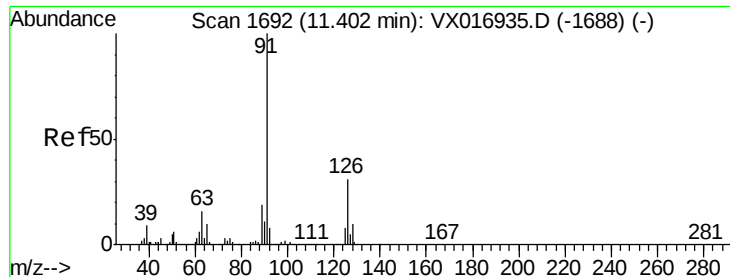
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

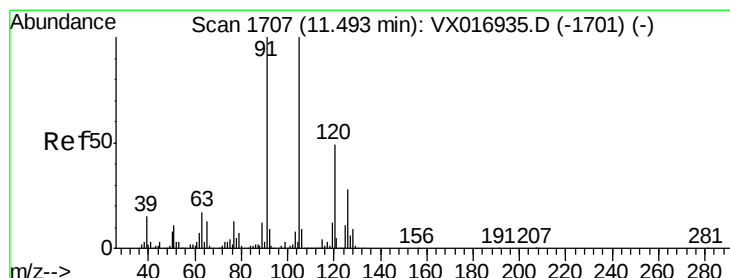
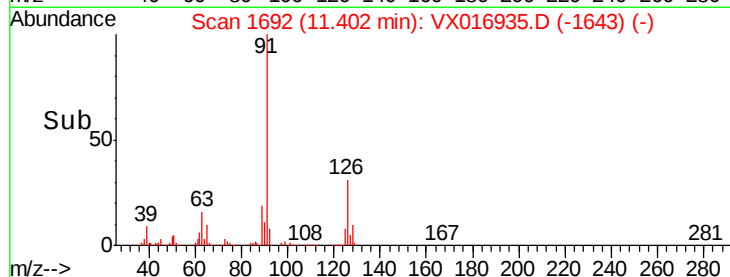
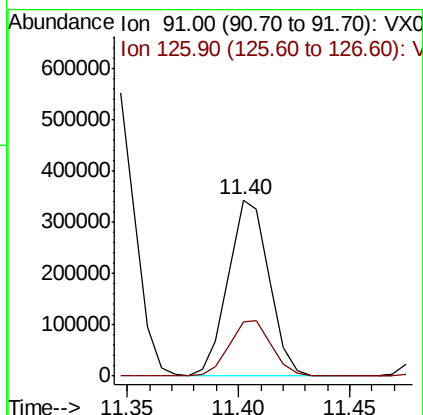
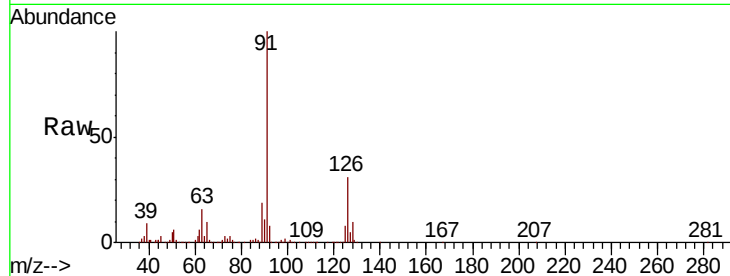




#79
2-Chlorotoluene
Concen: 60.546 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

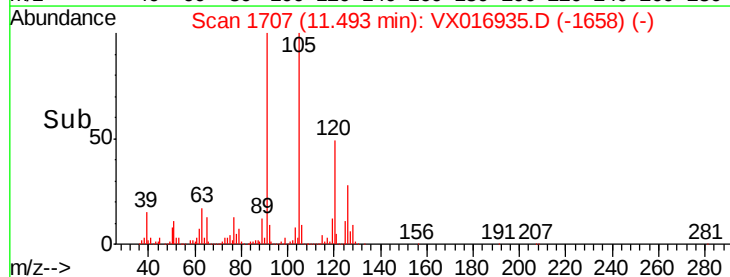
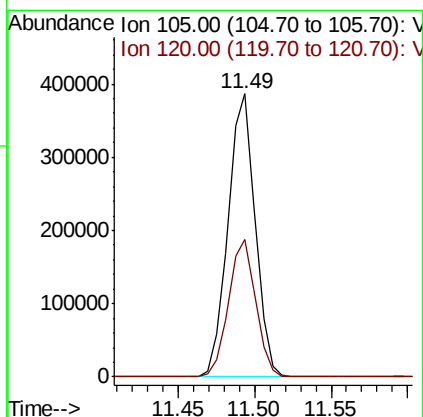
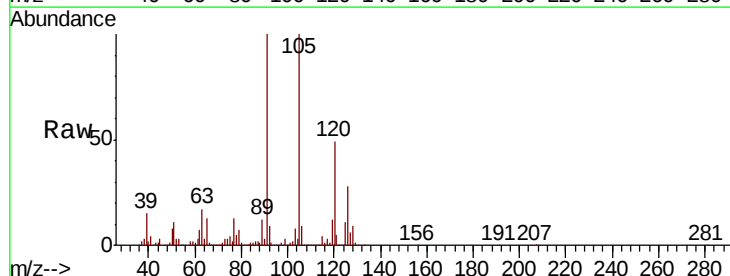
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

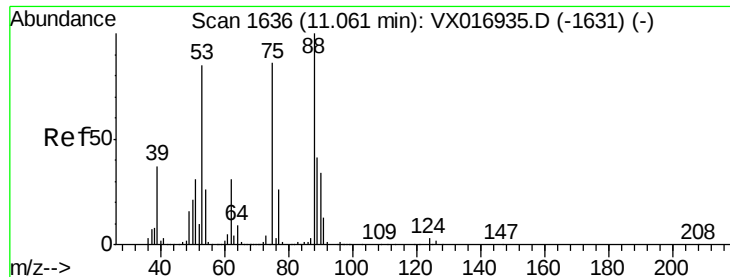
Tot Ion: 91 Resp: 437555
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 56.291 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 105 Resp: 474633
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 59.829 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

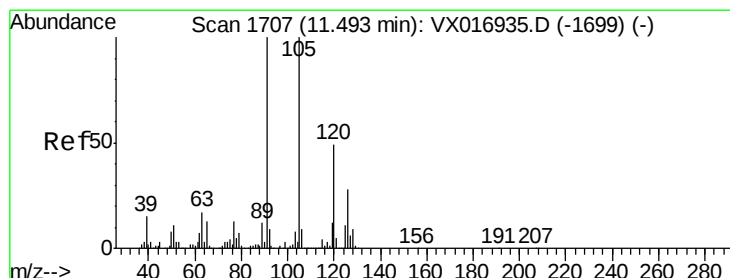
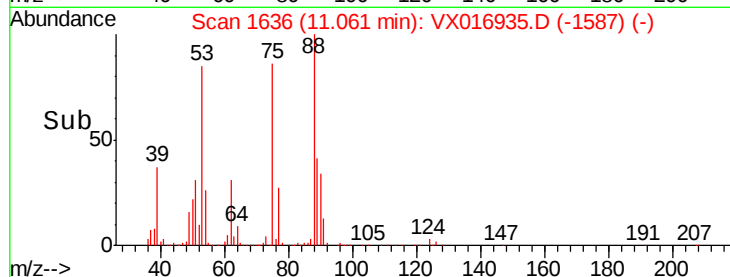
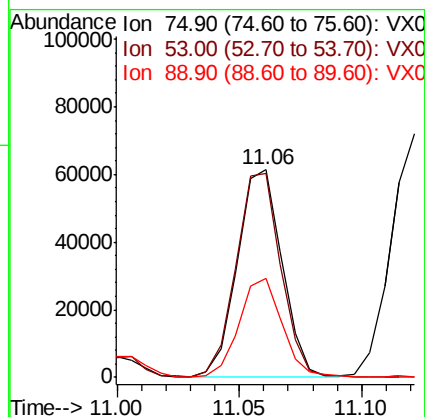
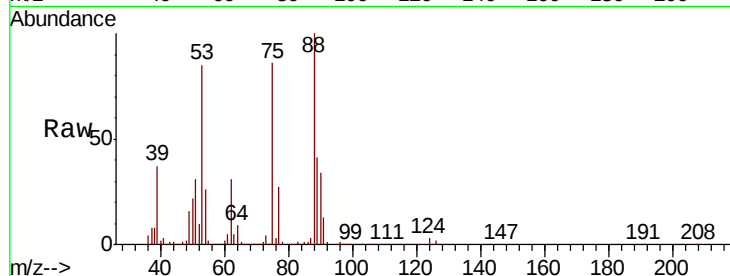
Tot Ion: 75 Resp: 77643

Ion Ratio Lower Upper

75 100

53 98.6 78.9 118.3

89 46.3 37.0 55.6



#82

4-Chlorotoluene

Concen: 55.733 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016935.D

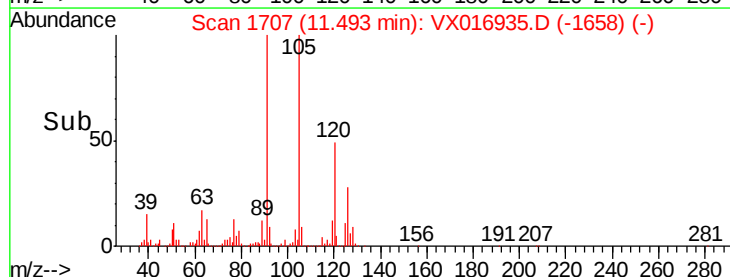
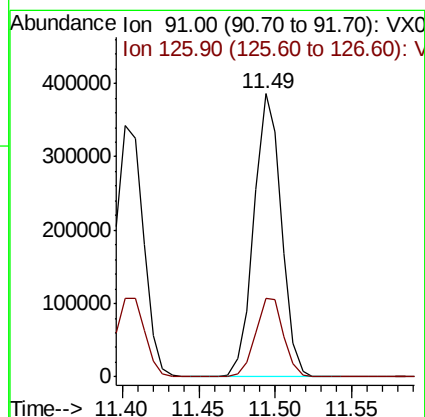
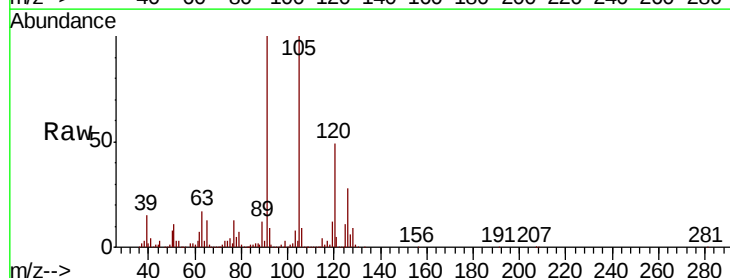
Acq: 23 Jun 2020 17:16

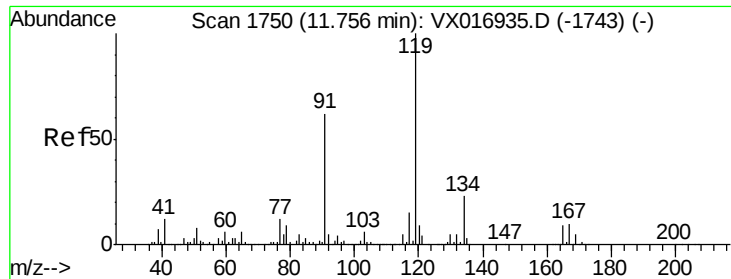
Tgt Ion: 91 Resp: 482153

Ion Ratio Lower Upper

91 100

126 28.3 14.1 42.4

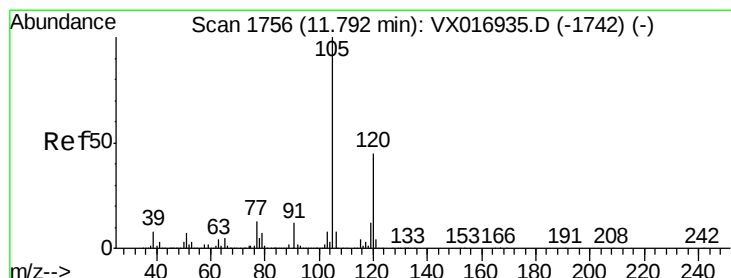
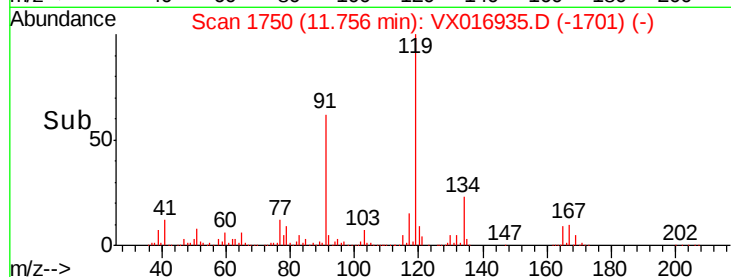
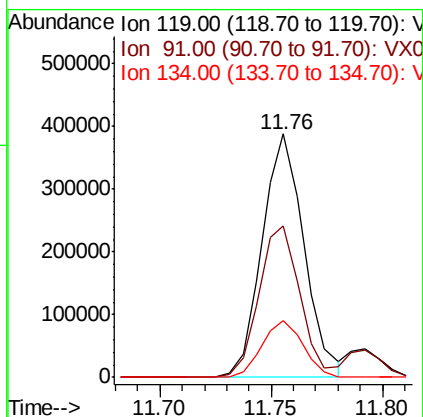
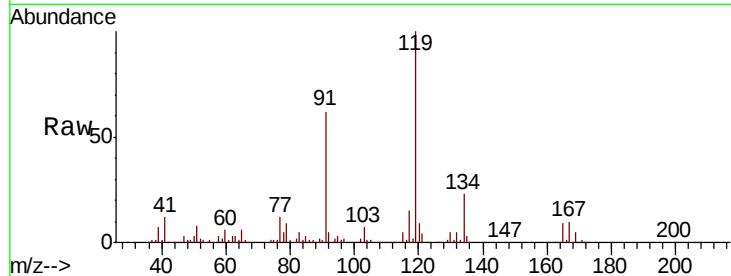




#83
tert-Butylbenzene
Concen: 61.334 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

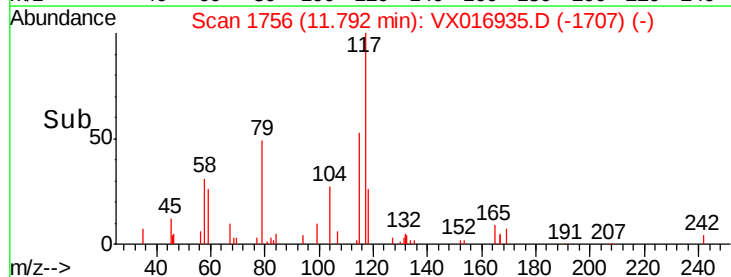
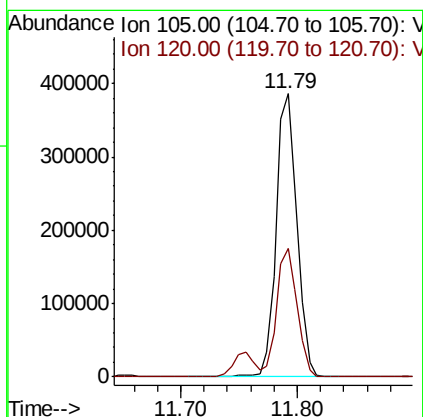
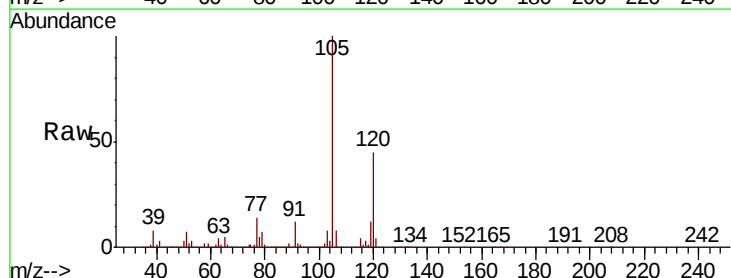
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

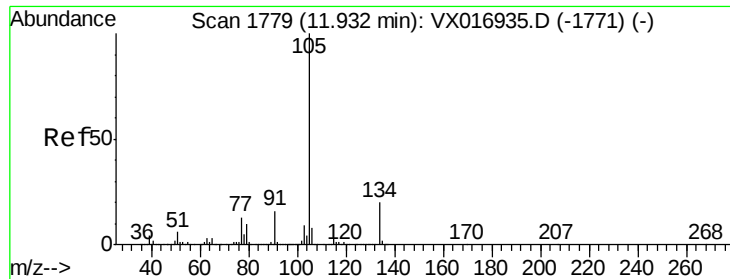
Tot Ion:119 Resp: 506333
Ion Ratio Lower Upper
119 100
91 60.6 30.3 90.9
134 22.8 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 57.083 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion:105 Resp: 478185
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0

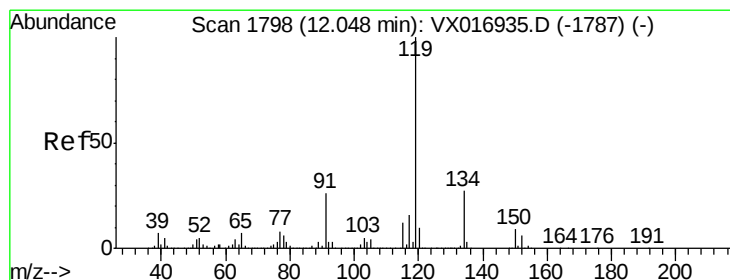
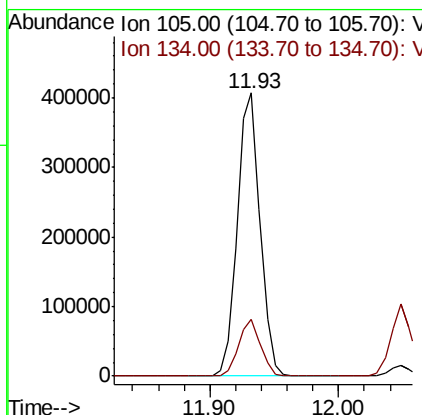
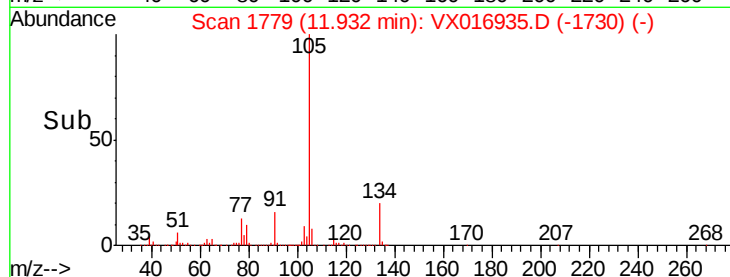
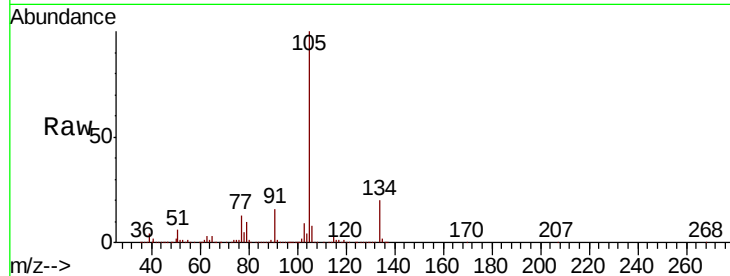




#85
 sec-Butylbenzene
 Concen: 53.391 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

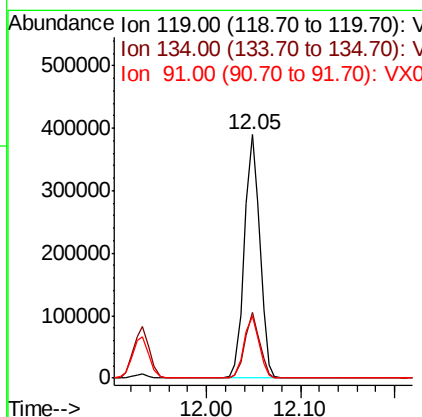
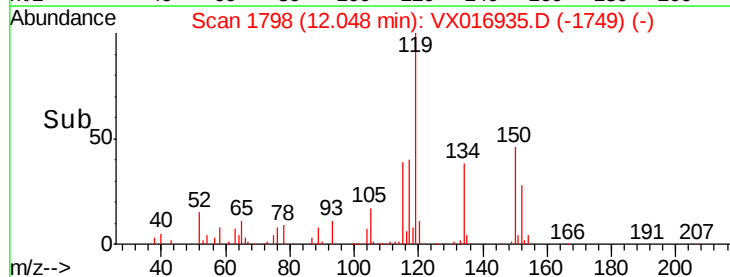
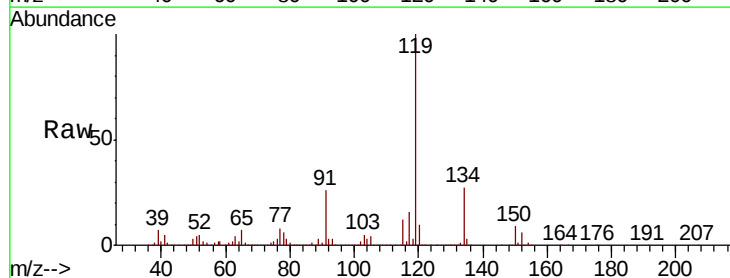
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

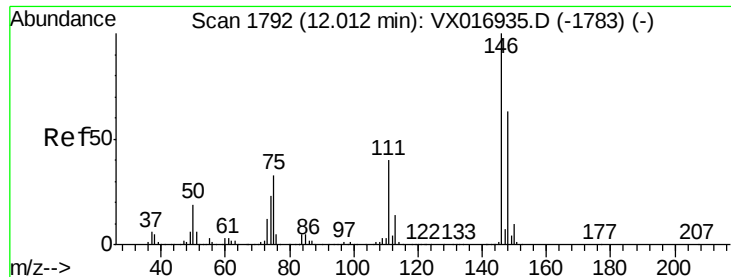
Tot Ion:105 Resp: 497212
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 51.521 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Tgt Ion:119 Resp: 444074
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 25.2 12.6 37.8

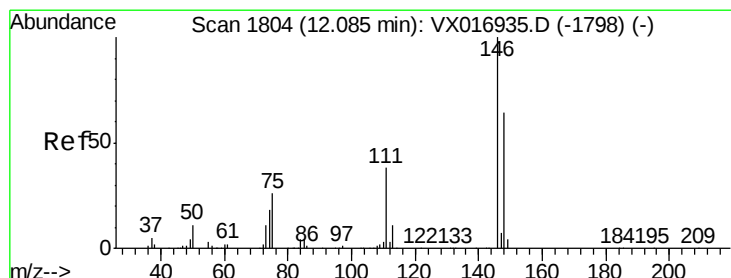
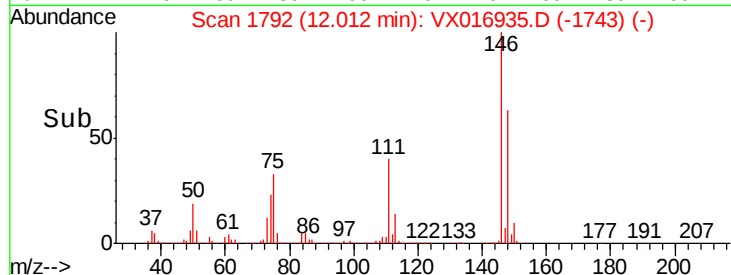
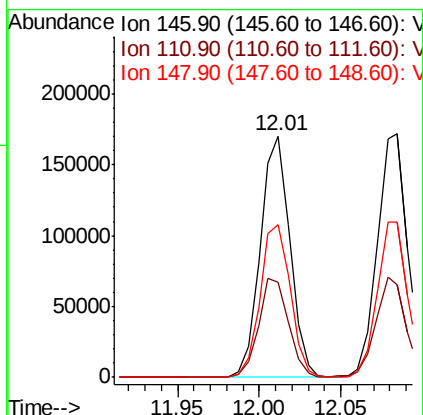
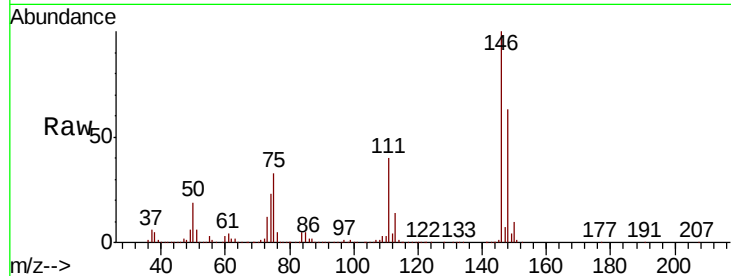




#87
 1,3-Dichlorobenzene
 Concen: 48.323 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

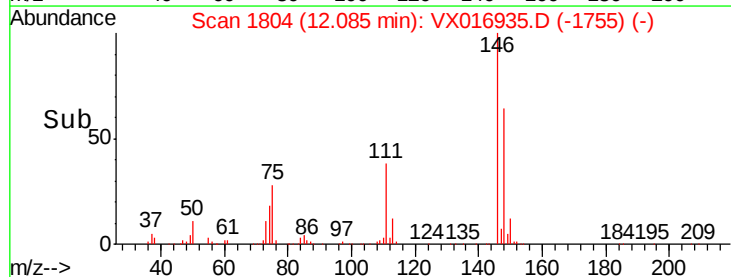
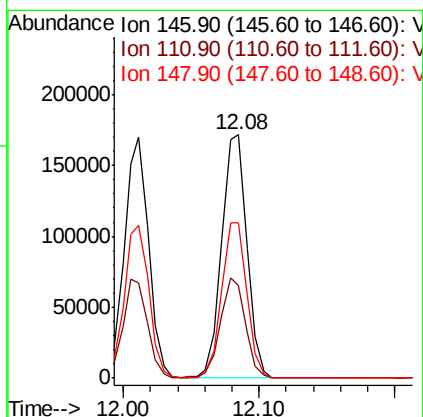
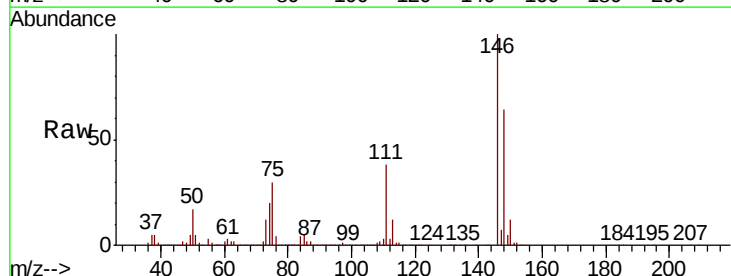
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

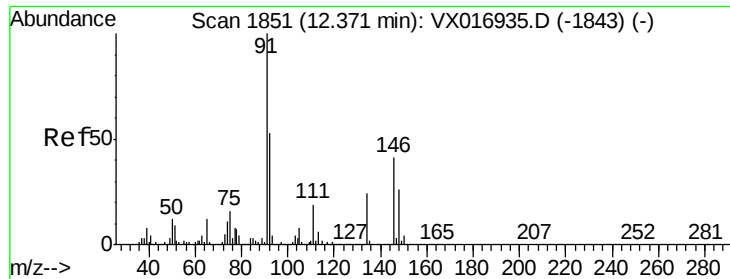
Tot Ion:146 Resp: 213626
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 64.6 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 49.727 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Tgt Ion:146 Resp: 220532
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 61.0
 148 63.5 31.8 95.3

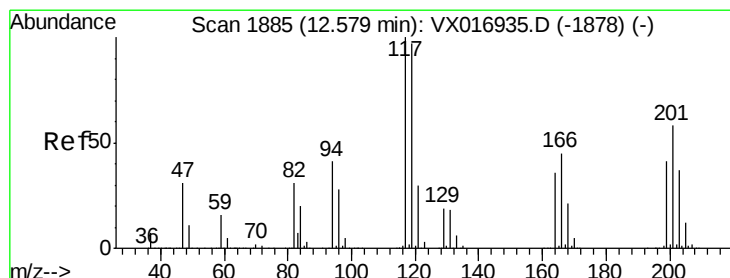
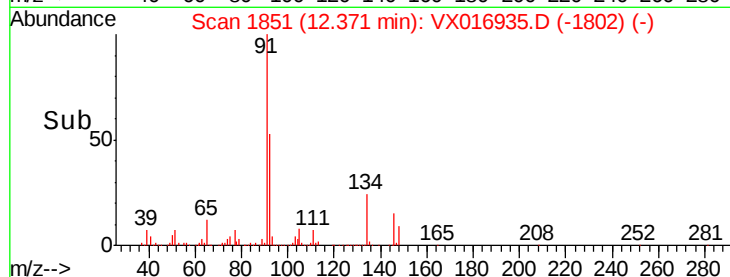
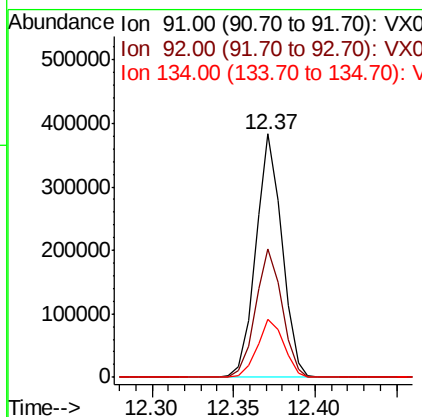
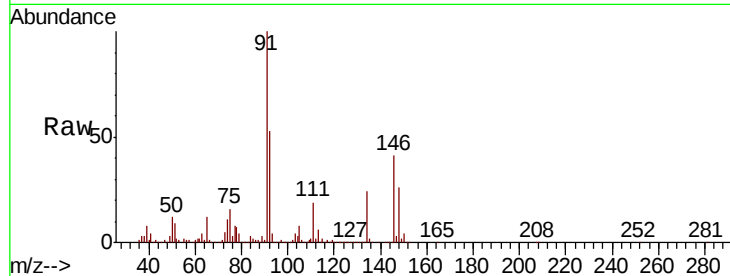




#89
n-Butylbenzene
Concen: 52.343 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

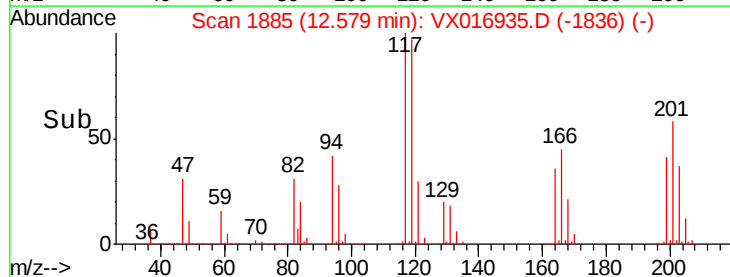
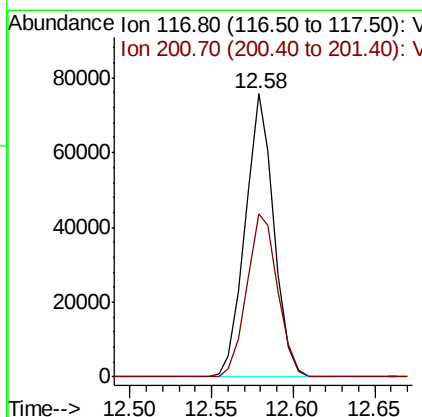
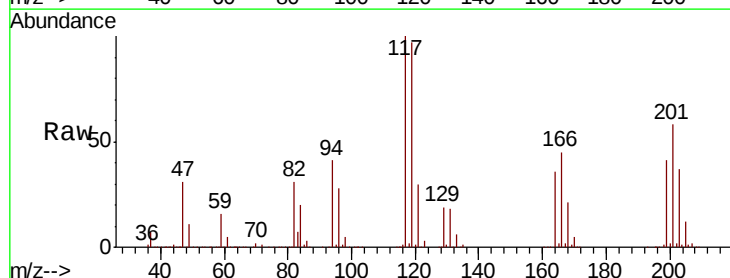
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

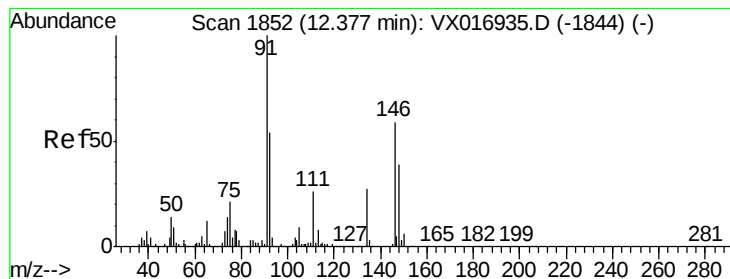
Tot Ion: 91 Resp: 427168
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.3
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 54.589 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 117 Resp: 92430
Ion Ratio Lower Upper
117 100
201 62.3 31.1 93.5





#91

1,2-Dichlorobenzene

Concen: 50.654 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

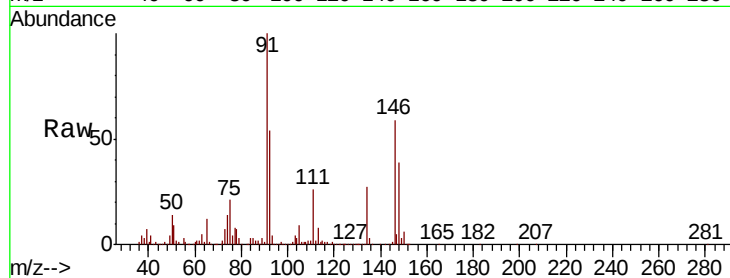
Tot Ion:146 Resp: 215782

Ion Ratio Lower Upper

146 100

111 44.0 22.0 66.0

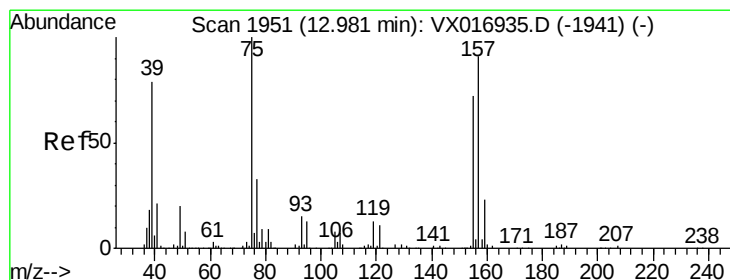
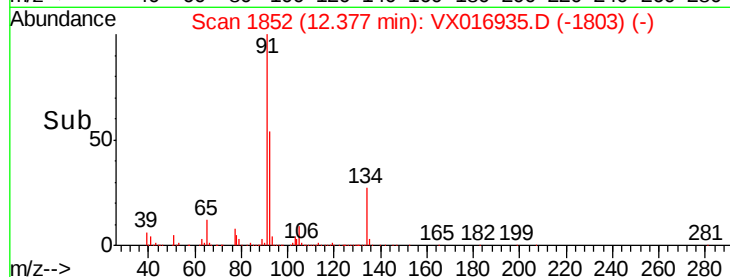
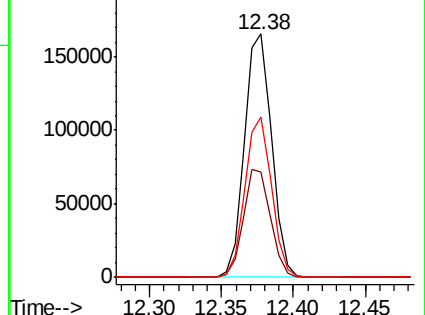
148 64.3 32.1 96.5



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: 51.607 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

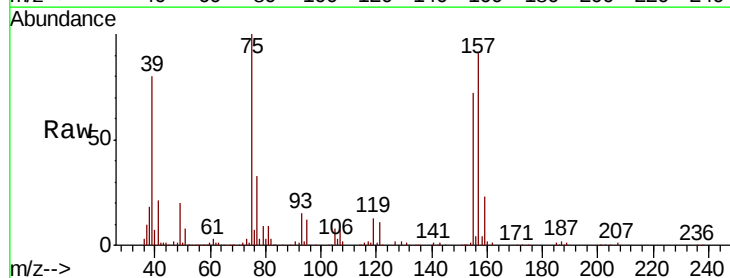
Tgt Ion: 75 Resp: 44381

Ion Ratio Lower Upper

75 100

155 72.3 36.1 108.5

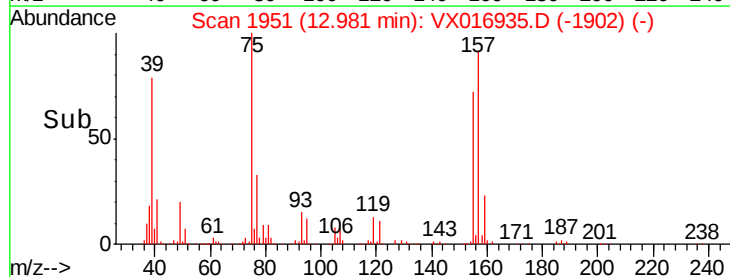
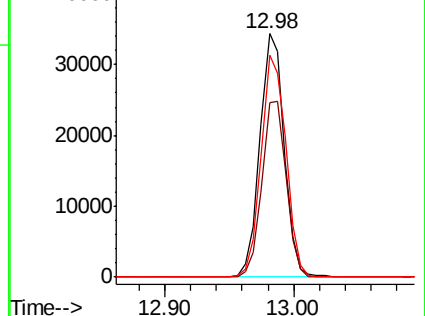
157 93.2 46.6 139.8

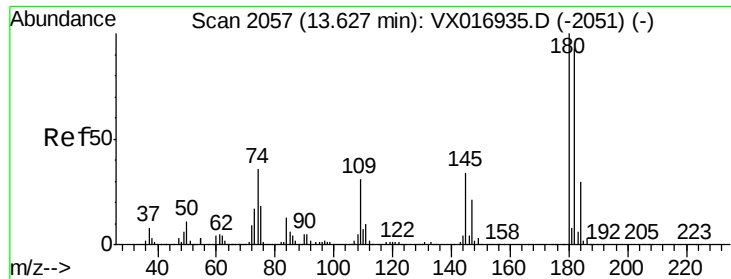


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

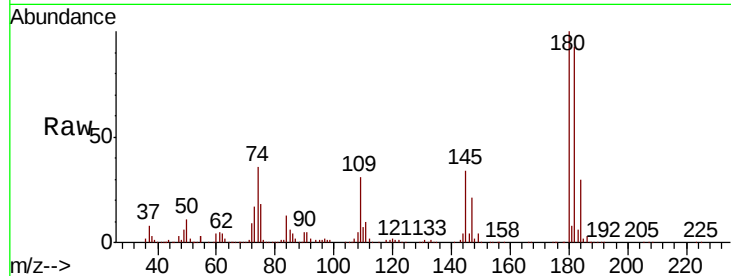




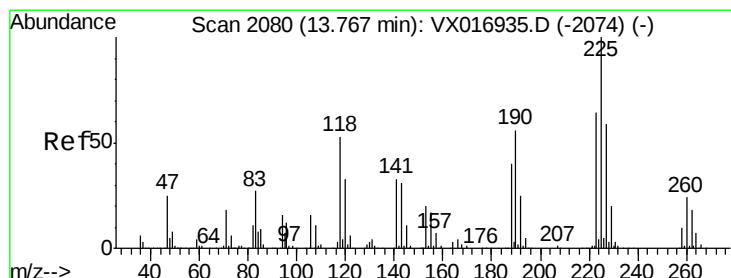
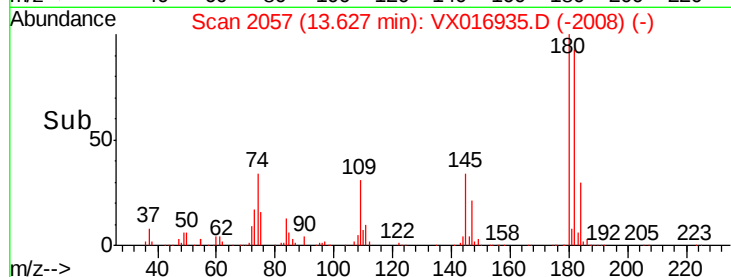
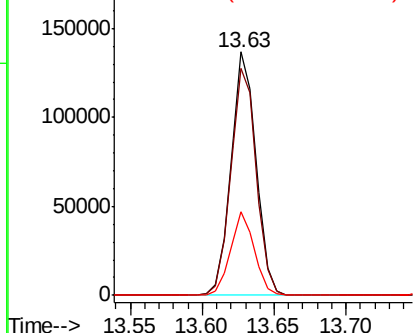
#93
 1,2,4-Trichlorobenzene
 Concen: 60.075 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 167178
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 142.0
 145 32.8 16.4 49.2

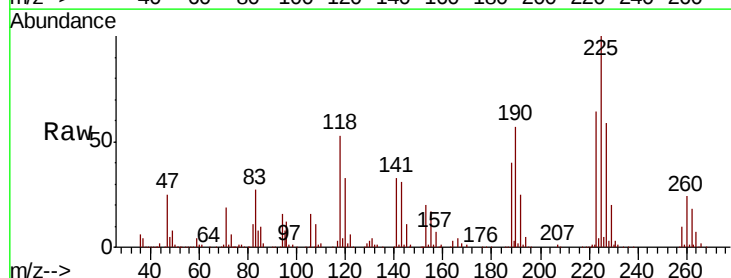


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

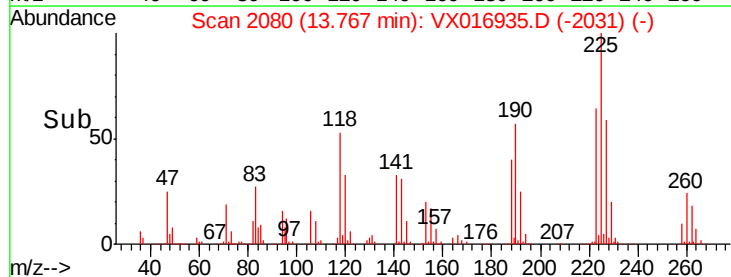
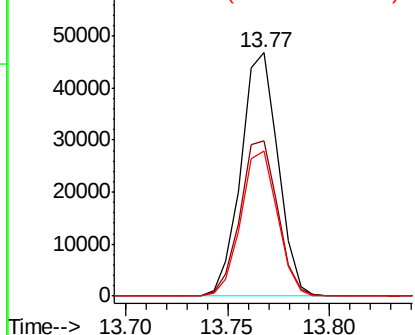


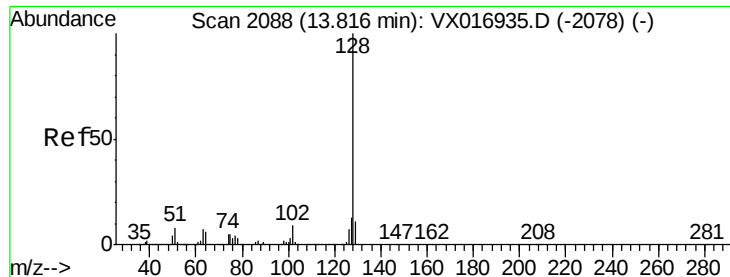
#94
 Hexachlorobutadiene
 Concen: 60.929 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Tgt Ion:225 Resp: 59152
 Ion Ratio Lower Upper
 225 100
 223 64.9 32.5 97.4
 227 58.7 29.3 88.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 65.008 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

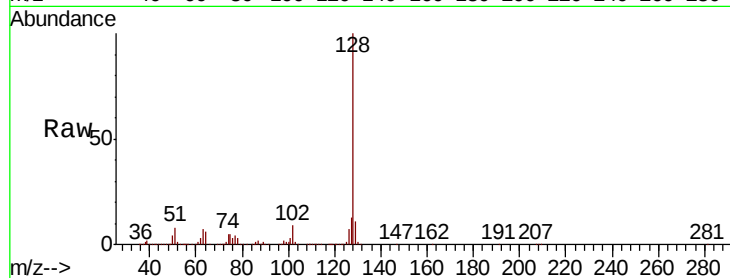
Tot Ion:128 Resp: 614725

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

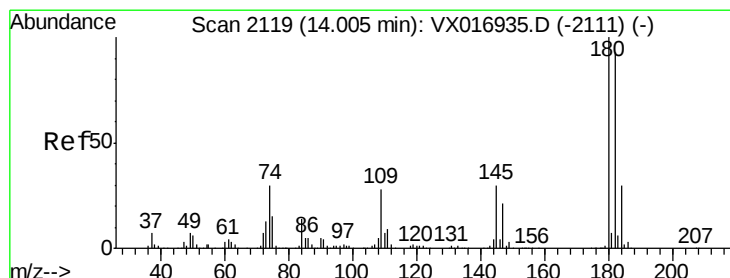
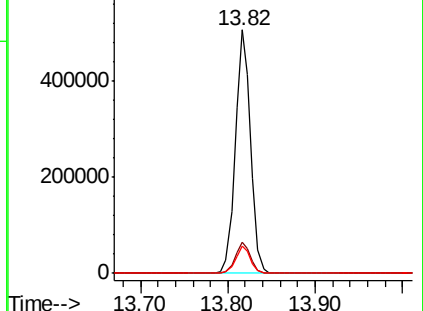
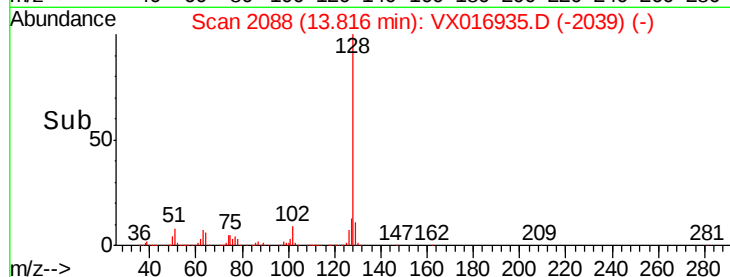
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 61.250 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

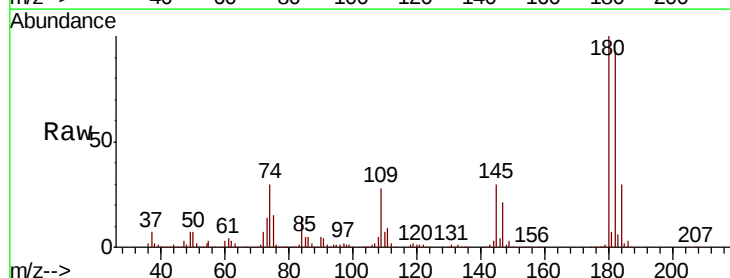
Tgt Ion:180 Resp: 164873

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 34.2 17.1 51.3



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

