

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
 Data File : VX016936.D
 Acq On : 23 Jun 2020 17:39
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 24 00:15:52 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	176884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	324723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	347522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	153657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	275813	98.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.20%	
35) Dibromofluoromethane	5.46	113	233424	105.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.10%	
50) Toluene-d8	8.70	98	764221	97.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.98%	
62) 4-Bromofluorobenzene	11.12	95	328363	104.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	242301	117.464	ug/l	99
3) Chloromethane	1.32	50	207266	106.731	ug/l	99
4) Vinyl Chloride	1.39	62	211626	108.994	ug/l	99
5) Bromomethane	1.62	94	104970	100.530	ug/l	98
6) Chloroethane	1.70	64	143457	102.015	ug/l	99
7) Trichlorofluoromethane	1.91	101	366859	107.118	ug/l	96
8) Diethyl Ether	2.17	74	134561	103.332	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	206007	107.859	ug/l	100
10) Methyl Iodide	2.49	142	283861	115.222	ug/l	99
11) Tert butyl alcohol	3.02	59	331721	564.791	ug/l	99
12) 1,1-Dichloroethene	2.35	96	196480	109.271	ug/l	98
13) Acrolein	2.28	56	188432	608.835	ug/l	99
14) Allyl chloride	2.71	41	456486	110.949	ug/l	99
15) Acrylonitrile	3.12	53	725711	565.645	ug/l	100
16) Acetone	2.42	43	575938	542.480	ug/l	98
17) Carbon Disulfide	2.55	76	582718	103.053	ug/l	97
18) Methyl Acetate	2.75	43	381250	108.443	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	864233	111.192	ug/l	98
20) Methylene Chloride	2.83	84	264882	100.015	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	242605	108.221	ug/l	99
22) Diisopropyl ether	3.82	45	897194	123.965	ug/l	99
23) Vinyl Acetate	3.79	43	3745892	640.853	ug/l	99
24) 1,1-Dichloroethane	3.67	63	458963	110.125	ug/l	99
25) 2-Butanone	4.64	43	973152	580.815	ug/l	100
26) 2,2-Dichloropropane	4.56	77	390857	106.679	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	271015	107.478	ug/l	98
28) Bromochloromethane	4.98	49	225610	104.226	ug/l	99
29) Tetrahydrofuran	5.09	42	639501	621.660	ug/l	100
30) Chloroform	5.18	83	479281	109.162	ug/l	98
31) Cyclohexane	5.55	56	325210	97.947	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	420885	109.347	ug/l	99
36) 1,1-Dichloropropene	5.77	75	290120	93.686	ug/l	99
37) Ethyl Acetate	4.80	43	356382	104.743	ug/l	99
38) Carbon Tetrachloride	5.76	117	320622	96.822	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	369425	108.244	ug/l	95
40) Benzene	6.12	78	861324	97.076	ug/l	99
41) Methacrylonitrile	5.01	41	217590	109.780	ug/l	99
42) 1,2-Dichloroethane	6.17	62	345792	94.949	ug/l	100
43) Isopropyl Acetate	6.42	43	637091	107.466	ug/l	100
44) Trichloroethene	7.19	130	274680	110.601	ug/l	95
45) 1,2-Dichloropropane	7.49	63	277001	112.688	ug/l	99
46) Dibromomethane	7.64	93	189144	111.328	ug/l	99
47) Bromodichloromethane	7.88	83	405913	113.913	ug/l	99
48) Methyl methacrylate	7.74	41	337425	122.407	ug/l	98
49) 1,4-Dioxane	7.71	88	134425	2267.448	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1995465	577.873	ug/l	100
52) Toluene	8.77	92	546191	100.216	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	431799	105.277	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	476251	120.332	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	274643	111.263	ug/l	98
56) Ethyl methacrylate	9.16	69	450491	117.825	ug/l	99
57) 1,3-Dichloropropane	9.35	76	465987	112.636	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	553805	353.616	ug/l	100
59) 2-Hexanone	9.48	43	1571923	594.475	ug/l	99
60) Dibromochloromethane	9.57	129	315157	116.716	ug/l	100
61) 1,2-Dibromoethane	9.65	107	288546	113.539	ug/l	99
64) Tetrachloroethene	9.32	164	225948	95.780	ug/l	98
65) Chlorobenzene	10.12	112	703975	99.174	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	271935	98.903	ug/l	100
67) Ethyl Benzene	10.24	91	1265110	99.658	ug/l	100
68) m/p-Xylenes	10.34	106	930030	199.487	ug/l	100
69) o-Xylene	10.68	106	463874	104.161	ug/l	99
70) Styrene	10.70	104	809994	106.869	ug/l	98
71) Bromoform	10.84	173	191026	93.431	ug/l #	99
73) Isopropylbenzene	11.01	105	1131384	99.230	ug/l	100
74) N-amyl acetate	10.88	43	602078	105.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	355369	93.145	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	464643	105.621	ug/l	86
77) Bromobenzene	11.24	156	261702	93.487	ug/l	96
78) n-propylbenzene	11.35	91	1383878	106.464	ug/l	100
79) 2-Chlorotoluene	11.41	91	813213	98.807	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1014454	105.644	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	149361	101.060	ug/l	100
82) 4-Chlorotoluene	11.49	91	1010764	102.591	ug/l	100
83) tert-Butylbenzene	11.76	119	1045161	111.169	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	931334	97.623	ug/l	100
85) sec-Butylbenzene	11.93	105	1055520	99.523	ug/l	100
86) p-Isopropyltoluene	12.05	119	1039068	105.854	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	517089	102.707	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	466236	92.313	ug/l	97
89) n-Butylbenzene	12.37	91	1005699	108.208	ug/l	99
90) Hexachloroethane	12.58	117	212856	110.386	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	511513	105.436	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	98447	100.518	ug/l	97

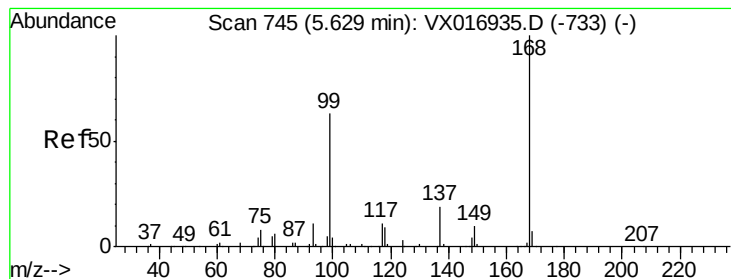
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	279389	88.157	ug/l	97
94) Hexachlorobutadiene	13.77	225	100153	90.585	ug/l	98
95) Naphthalene	13.82	128	1024648	95.147	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	275376	89.829	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

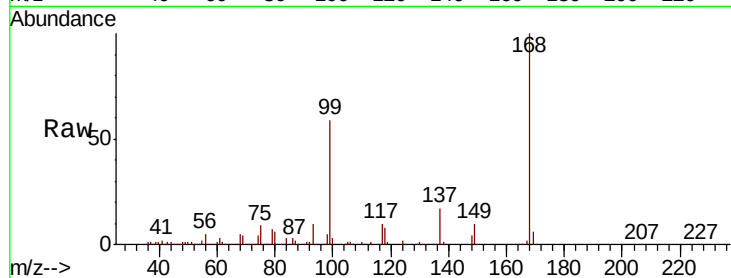
VSTDIC100

Tot Ion:168 Resp: 176884

Ion Ratio Lower Upper

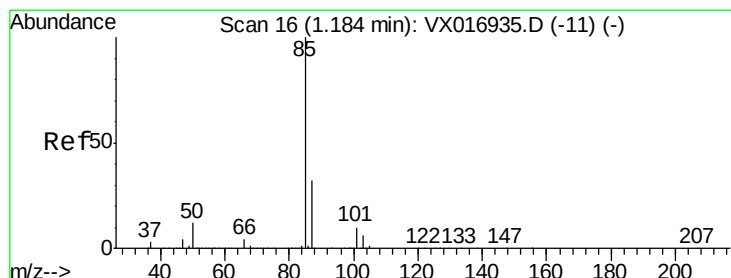
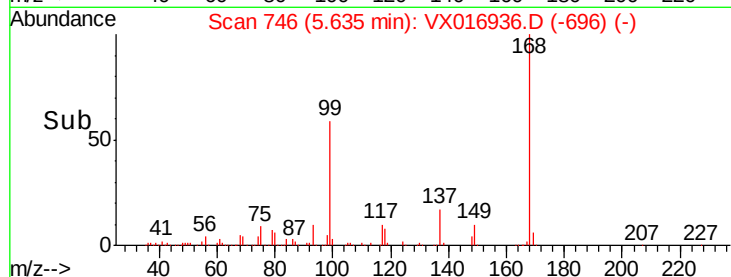
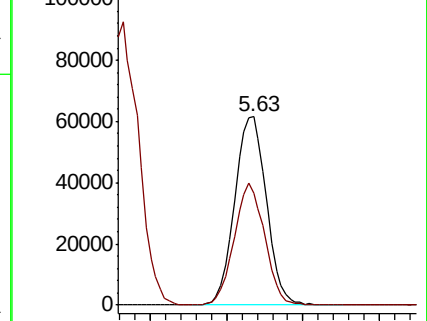
168 100

99 59.2 50.6 75.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 117.464 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016936.D

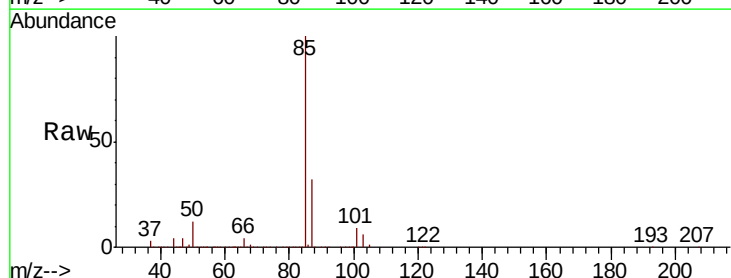
Acq: 23 Jun 2020 17:39

Tgt Ion: 85 Resp: 242301

Ion Ratio Lower Upper

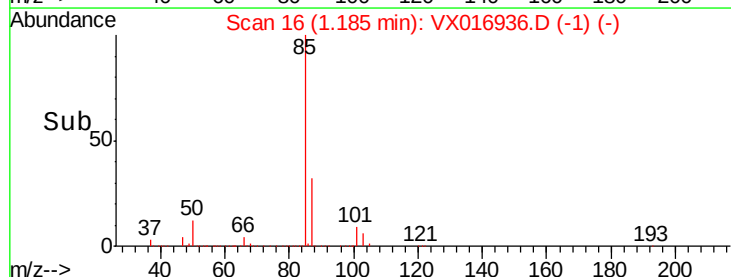
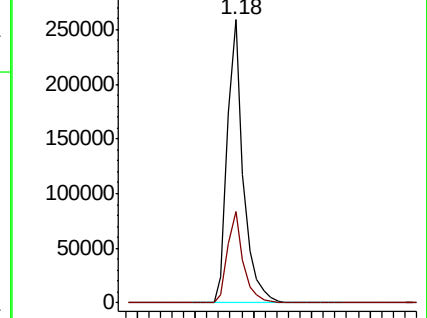
85 100

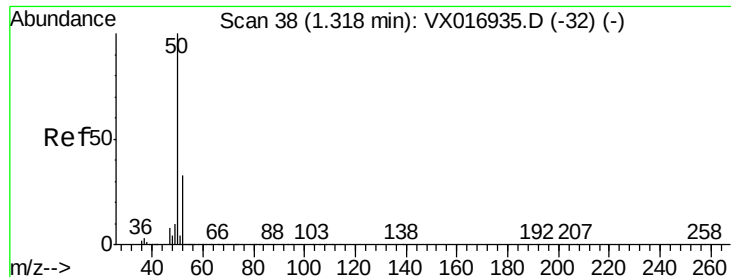
87 32.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 106.731 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

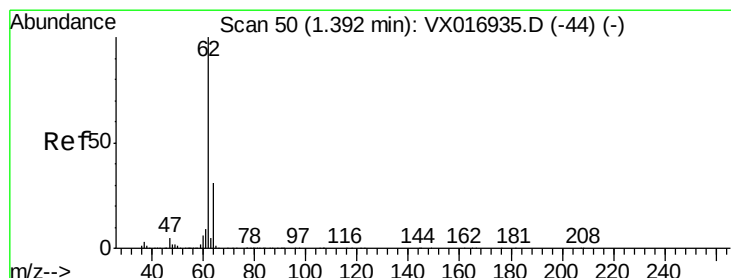
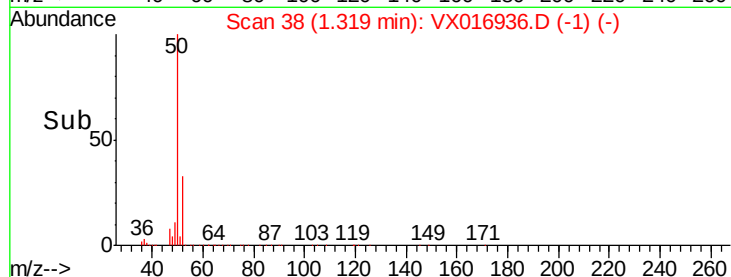
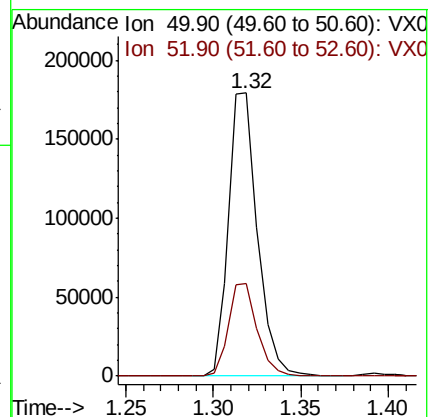
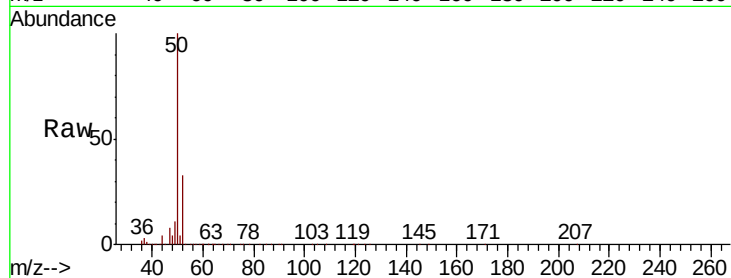
VSTDIC100

Tot Ion: 50 Resp: 207266

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 108.994 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016936.D

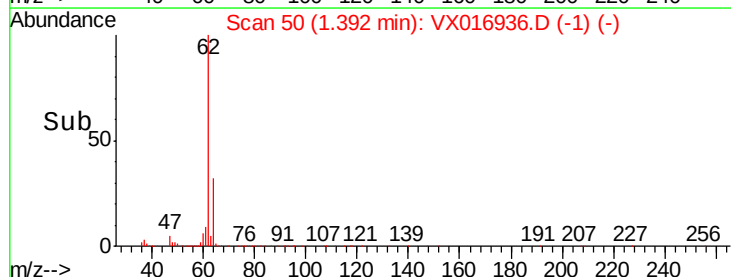
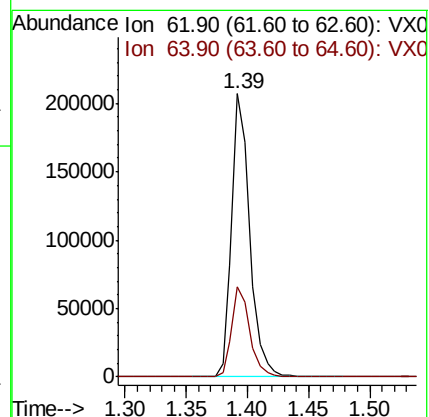
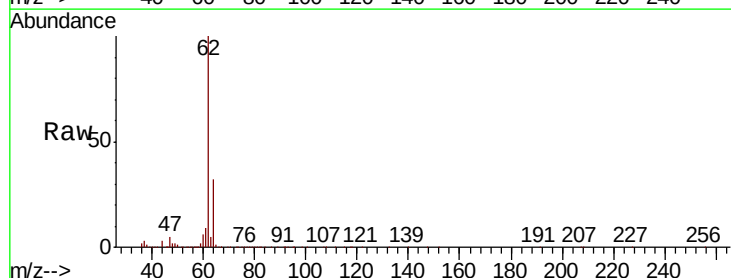
Acq: 23 Jun 2020 17:39

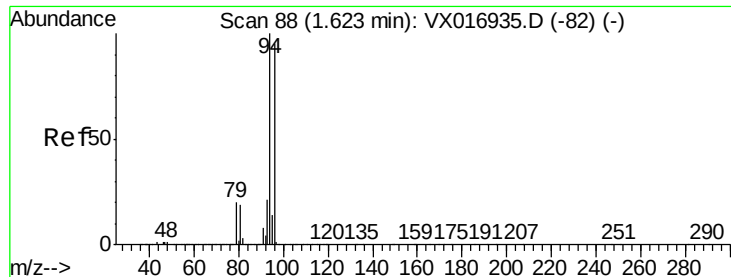
Tgt Ion: 62 Resp: 211626

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.4





#5

Bromomethane

Concen: 100.530 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

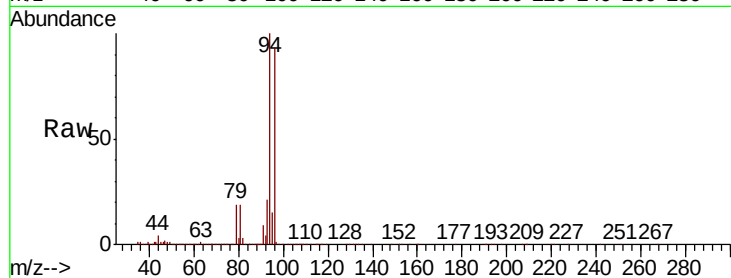
VSTDIC100

Tot Ion: 94 Resp: 104970

Ion Ratio Lower Upper

94 100

96 92.9 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

120000

100000

80000

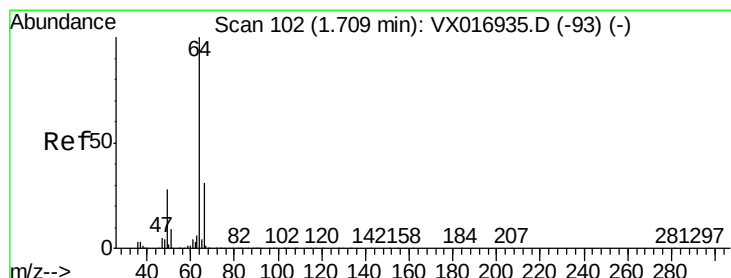
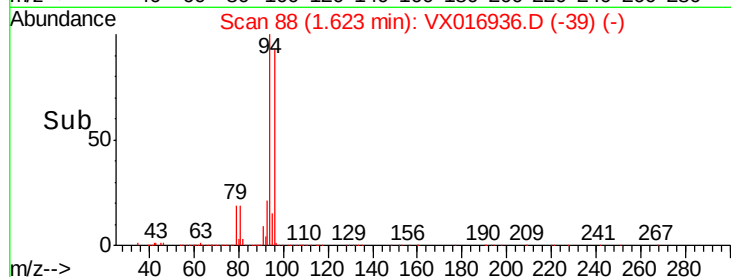
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 102.015 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016936.D

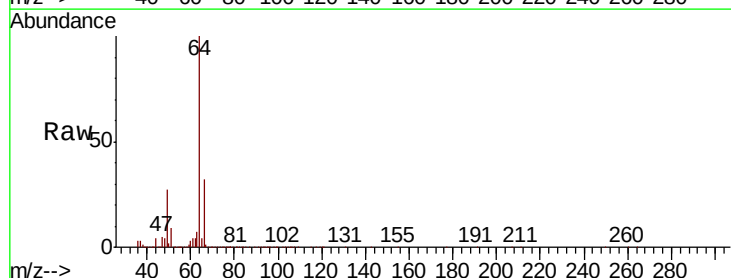
Acq: 23 Jun 2020 17:39

Tgt Ion: 64 Resp: 143457

Ion Ratio Lower Upper

64 100

66 31.7 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

120000

100000

80000

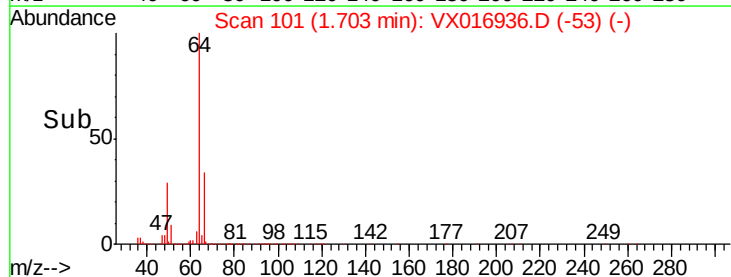
60000

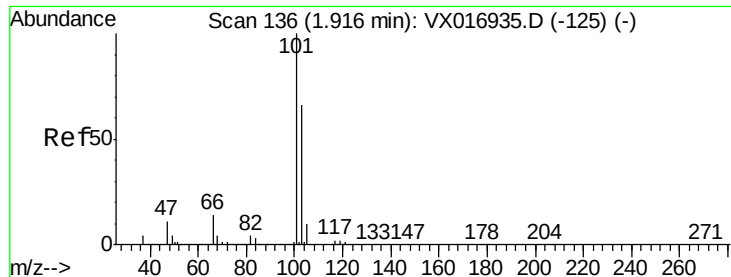
40000

20000

0

Time--> 1.60 1.70 1.80



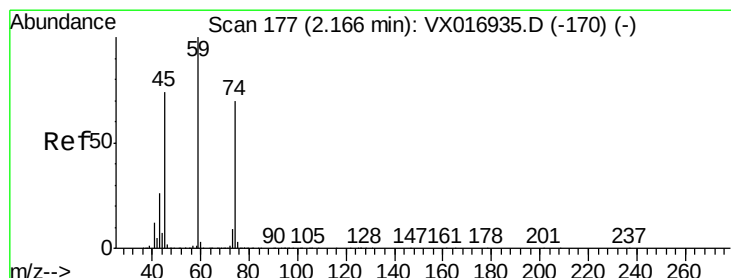
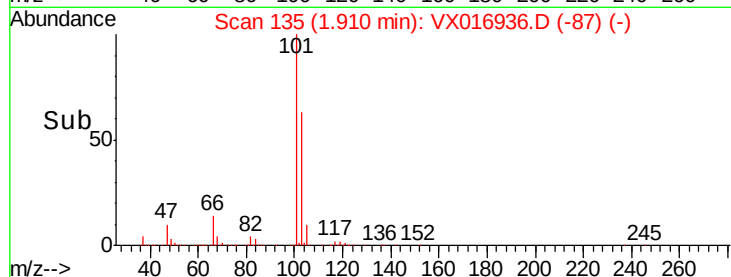
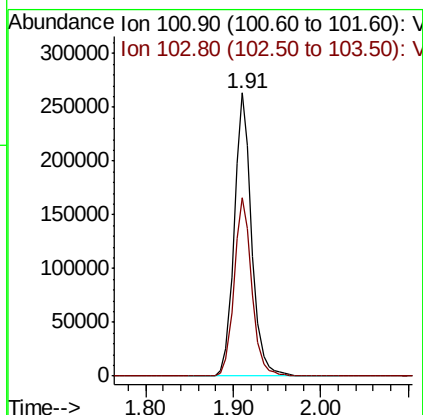
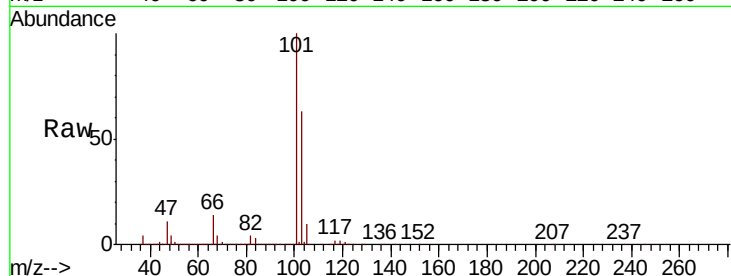


#7

Trichlorofluoromethane
Concen: 107.118 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

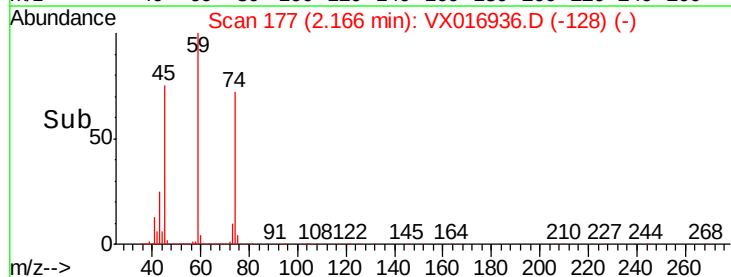
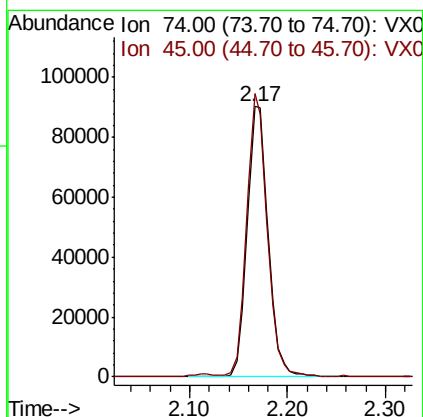
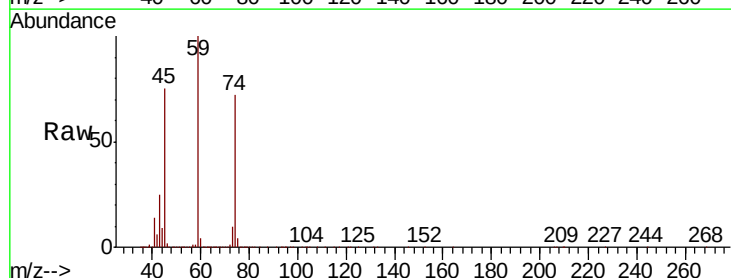
Tot Ion:101 Resp: 366859
Ion Ratio Lower Upper
101 100
103 63.0 53.0 79.4

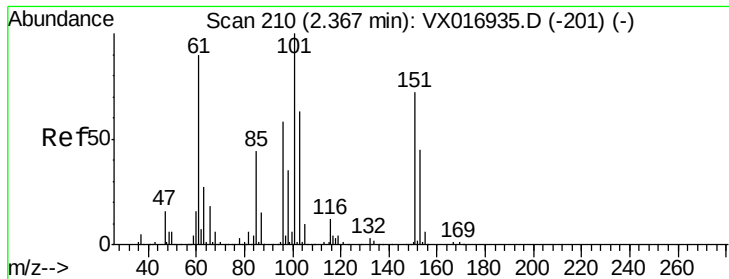


#8

Diethyl Ether
Concen: 103.332 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Tgt Ion: 74 Resp: 134561
Ion Ratio Lower Upper
74 100
45 101.2 52.6 157.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 107.859 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

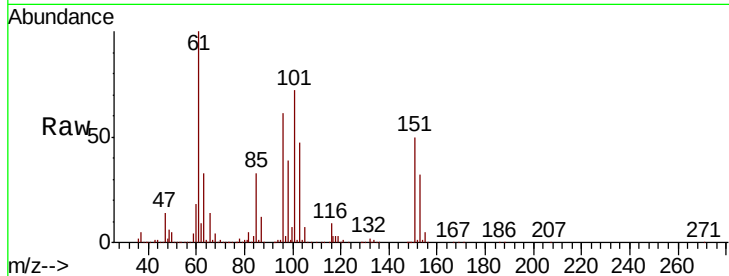
Tot Ion:101 Resp: 206007

Ion Ratio Lower Upper

101 100

85 46.0 36.9 55.3

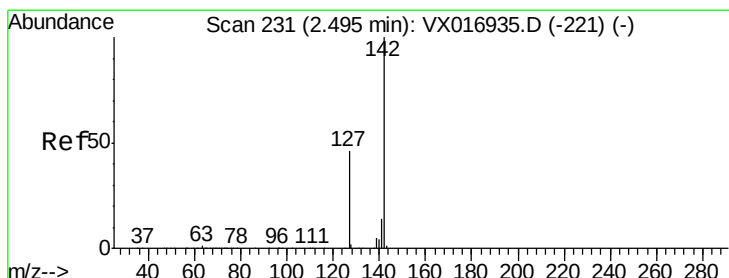
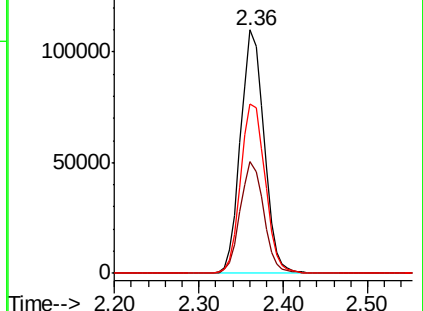
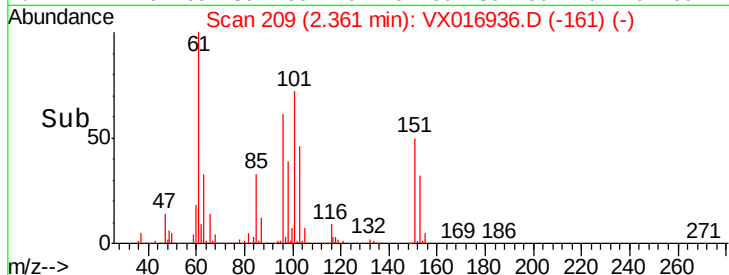
151 72.6 58.4 87.6



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: 115.222 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

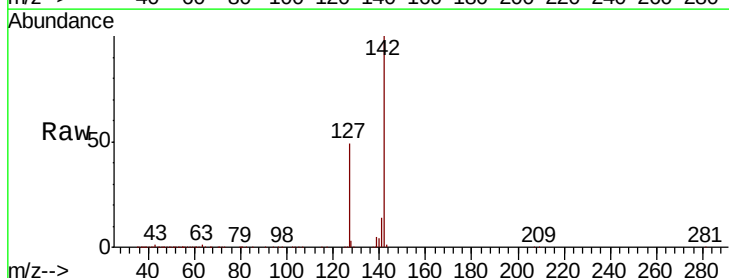
Tgt Ion:142 Resp: 283861

Ion Ratio Lower Upper

142 100

127 47.2 38.3 57.5

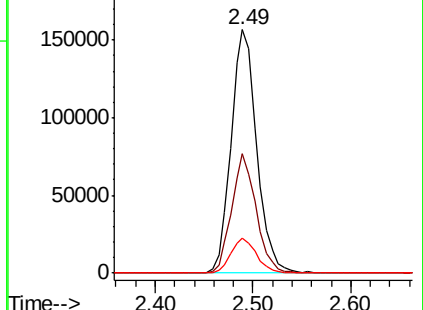
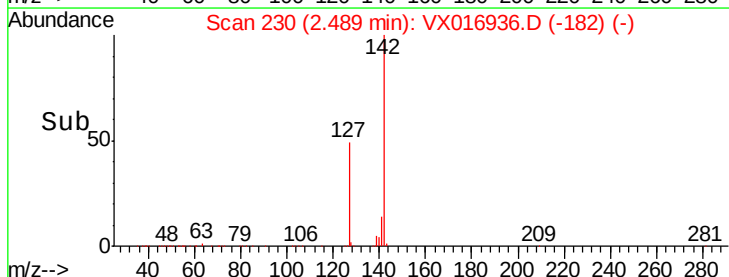
141 14.3 11.9 17.9

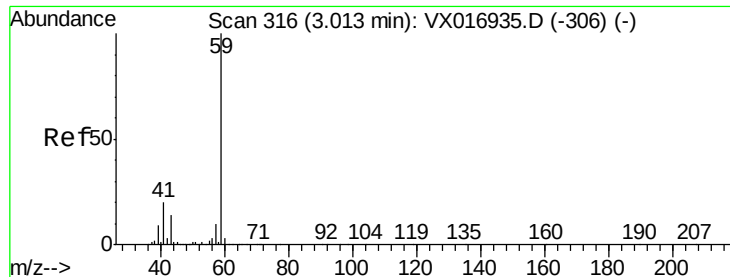


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



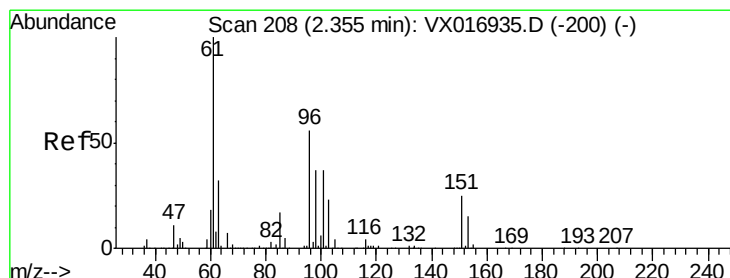
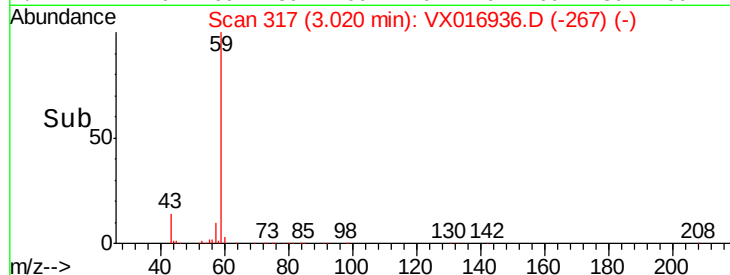
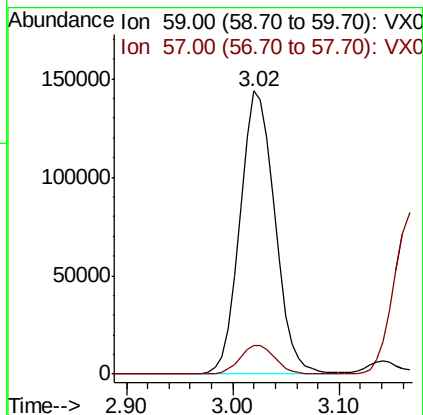
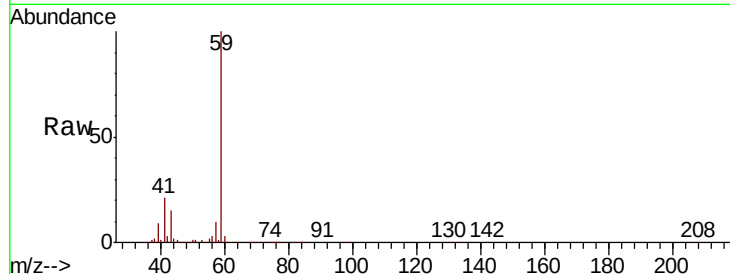


#11

Tert butyl alcohol
Concen: 564.791 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

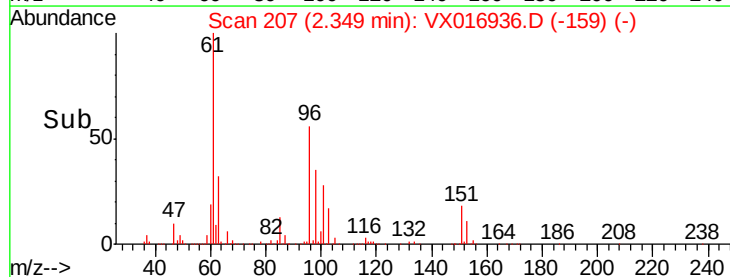
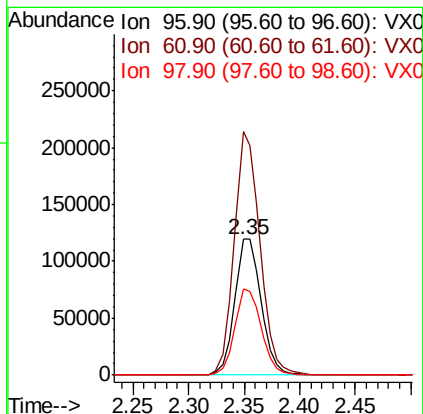
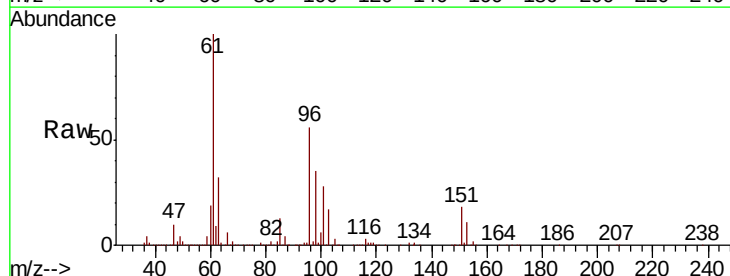
Tot Ion: 59 Resp: 331721
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

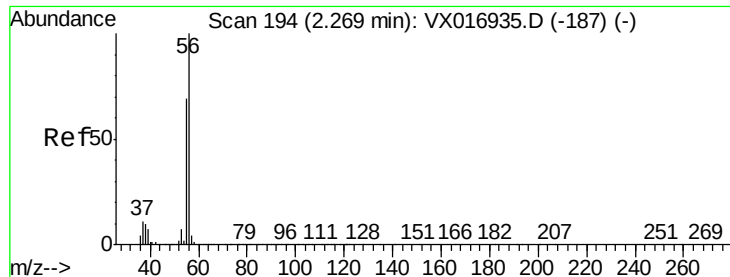


#12

1,1-Dichloroethene
Concen: 109.271 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Tgt Ion: 96 Resp: 196480
Ion Ratio Lower Upper
96 100
61 179.3 142.3 213.5
98 63.3 53.2 79.8





#13

Acrolein

Concen: 608.835 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

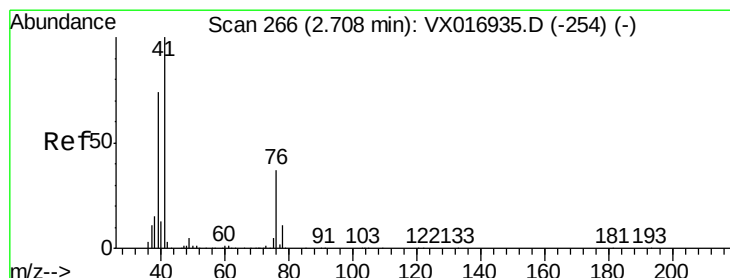
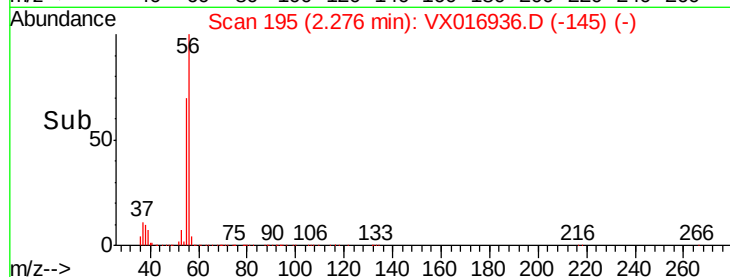
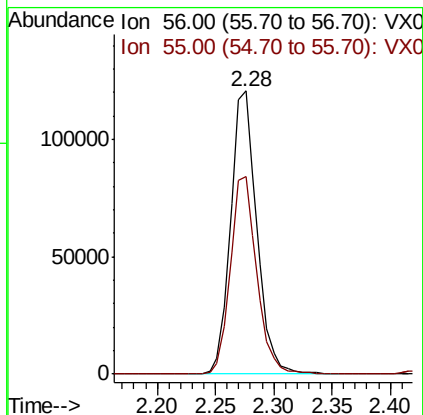
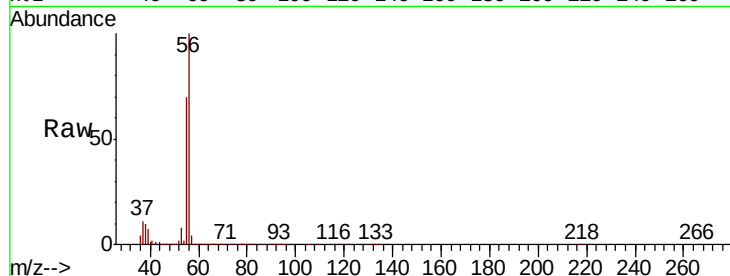
VSTDIC100

Tot Ion: 56 Resp: 188432

Ion Ratio Lower Upper

56 100

55 70.5 57.1 85.7



#14

Allyl chloride

Concen: 110.949 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

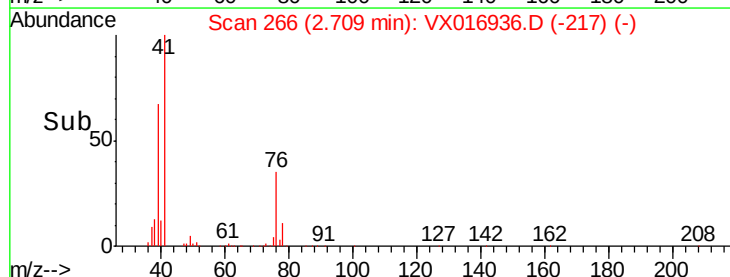
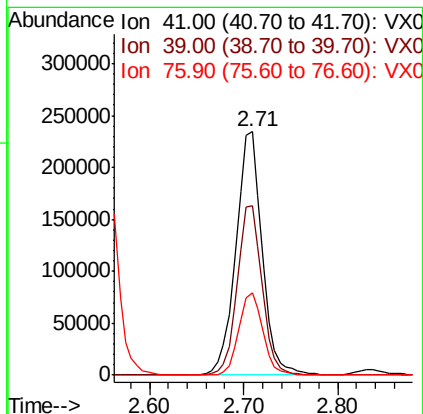
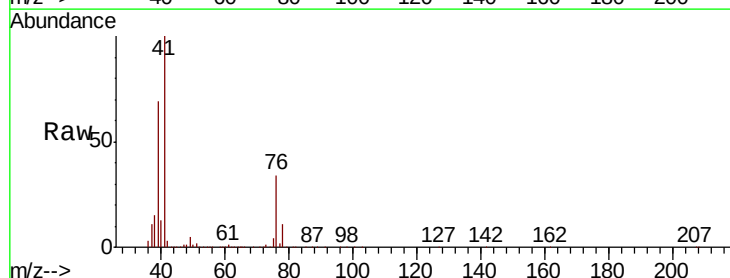
Tgt Ion: 41 Resp: 456486

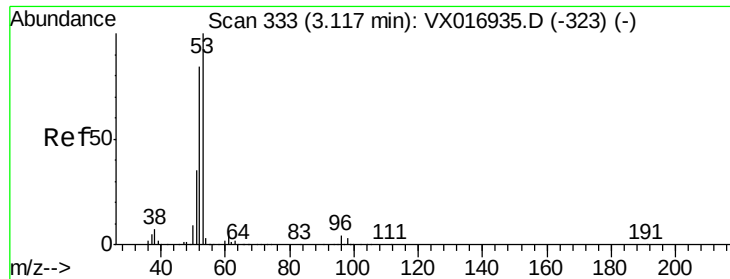
Ion Ratio Lower Upper

41 100

39 65.6 53.3 79.9

76 30.7 25.2 37.8

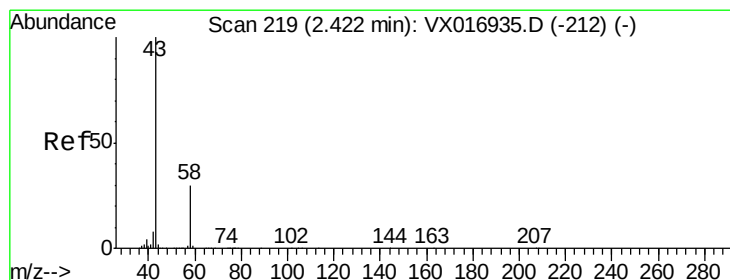
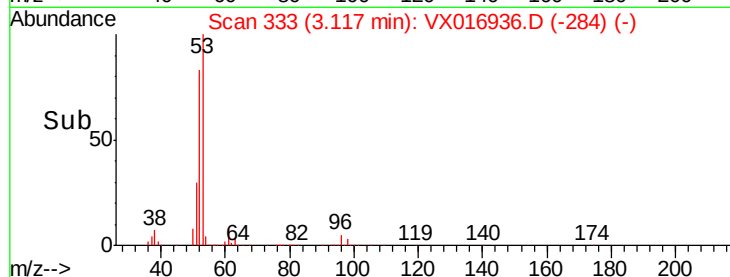
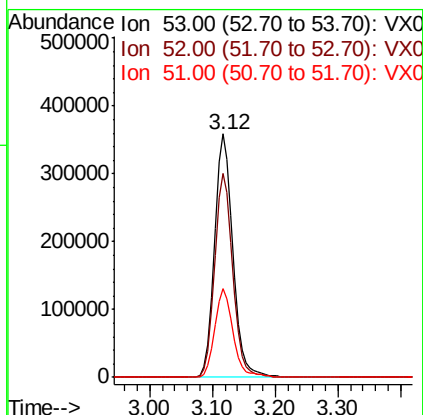
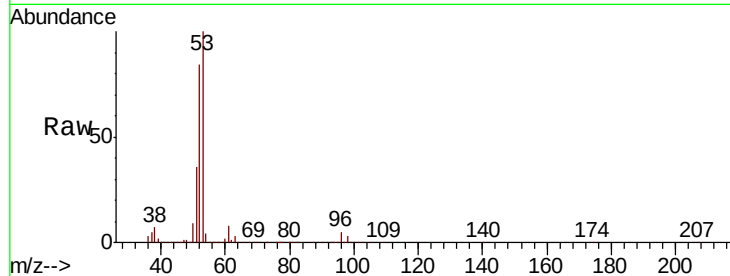




#15
 Acrylonitrile
 Concen: 565.645 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

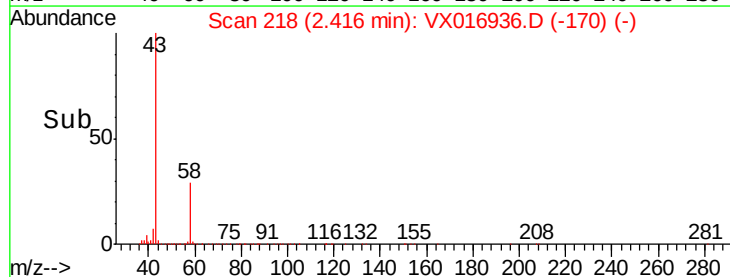
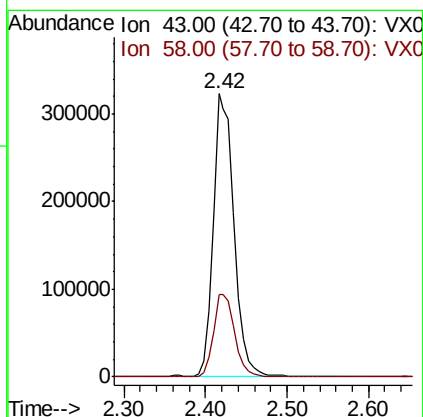
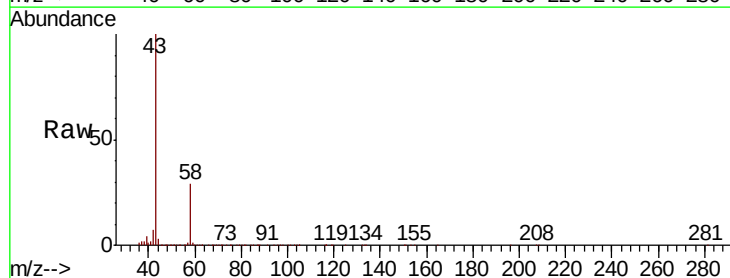
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

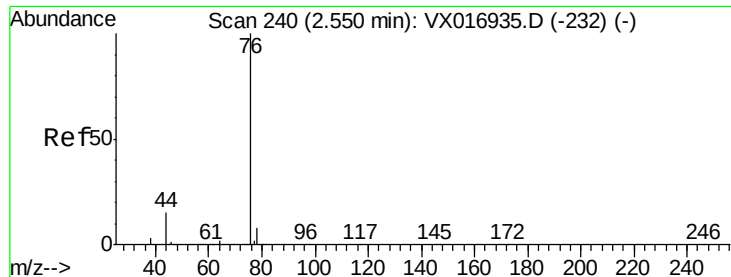
Tot Ion: 53 Resp: 725711
 Ion Ratio Lower Upper
 53 100
 52 82.7 66.0 99.0
 51 36.3 28.9 43.3



#16
 Acetone
 Concen: 542.480 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

Tgt Ion: 43 Resp: 575938
 Ion Ratio Lower Upper
 43 100
 58 28.9 23.9 35.9





#17

Carbon Disulfide

Concen: 103.053 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

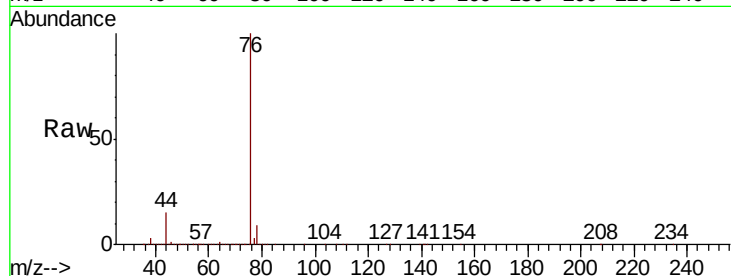
VSTDIC100

Tot Ion: 76 Resp: 582718

Ion Ratio Lower Upper

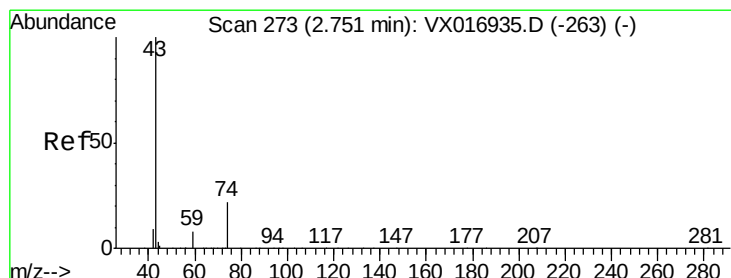
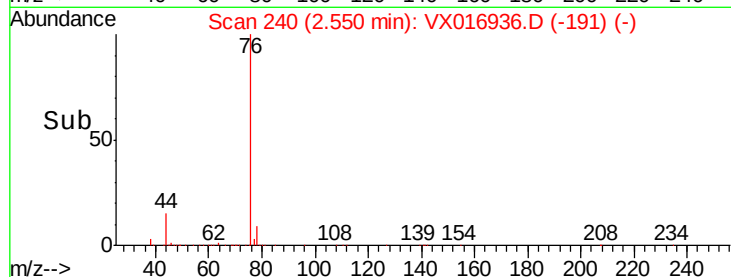
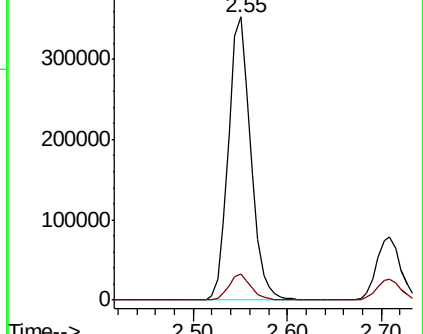
76 100

78 9.4 6.6 10.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 108.443 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX016936.D

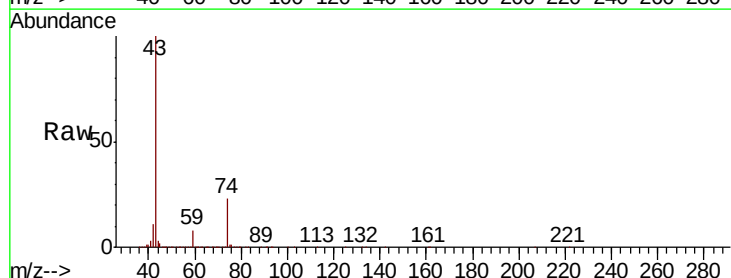
Acq: 23 Jun 2020 17:39

Tgt Ion: 43 Resp: 381250

Ion Ratio Lower Upper

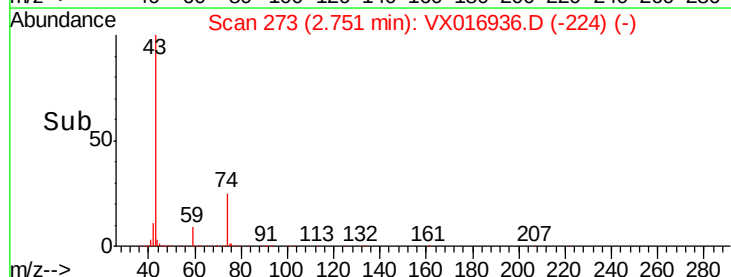
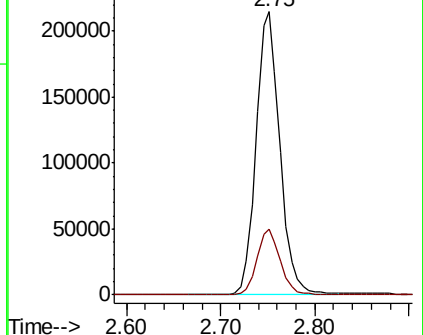
43 100

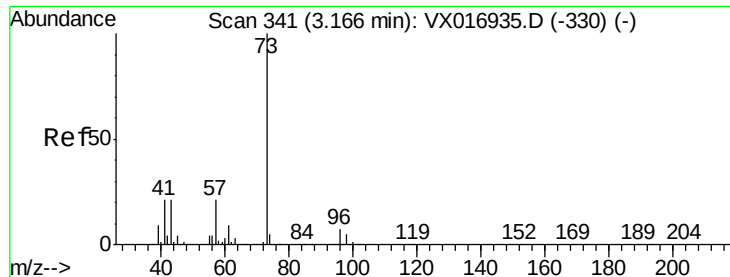
74 23.0 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



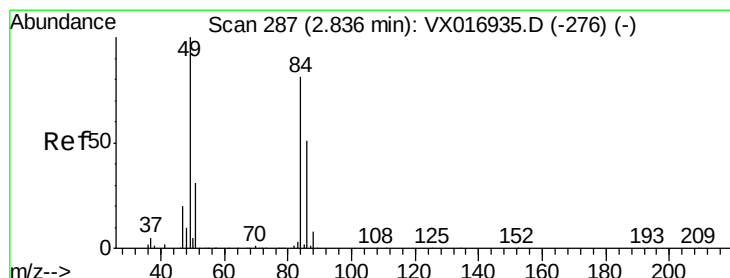
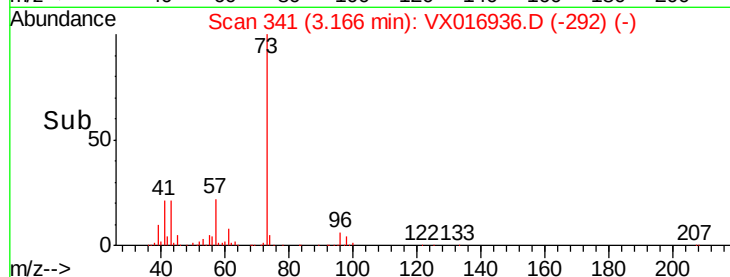
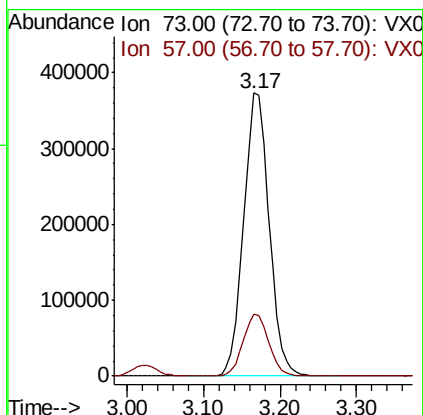
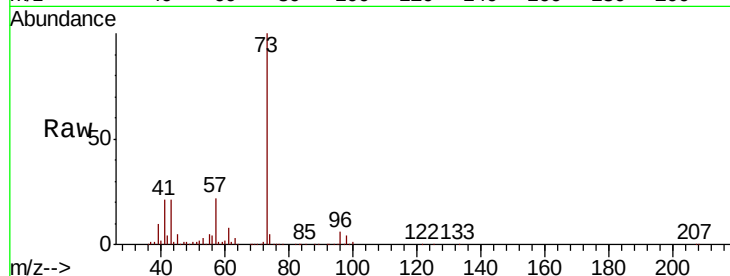


#19

Methyl tert-butyl Ether
 Concen: 111.192 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

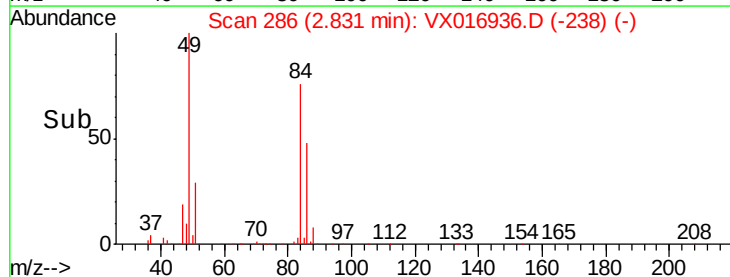
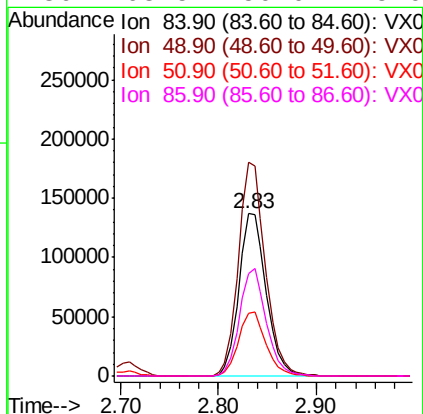
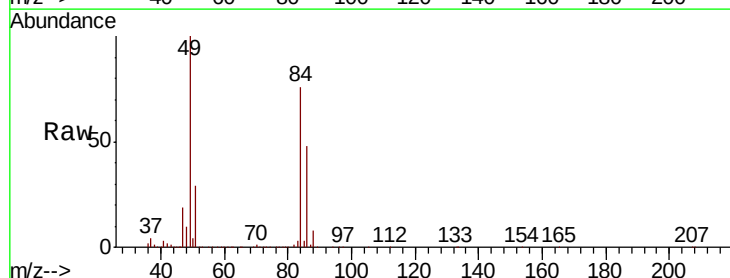
Tot Ion: 73 Resp: 864233
 Ion Ratio Lower Upper
 73 100
 57 21.9 16.7 25.1

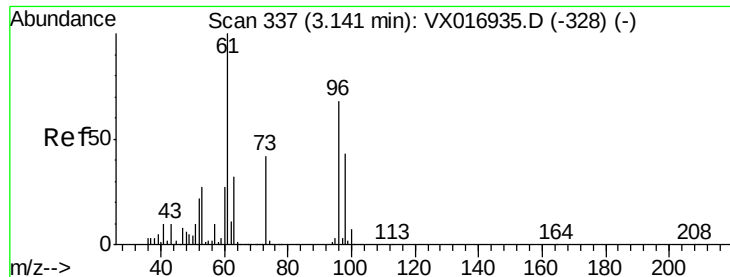


#20

Methylene Chloride
 Concen: 100.015 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

Tgt Ion: 84 Resp: 264882
 Ion Ratio Lower Upper
 84 100
 49 131.5 98.2 147.4
 51 38.4 30.7 46.1
 86 63.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 108.221 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

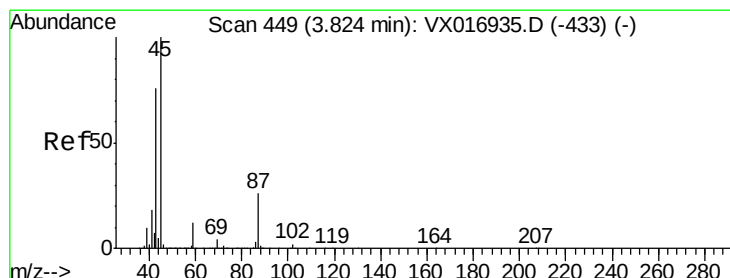
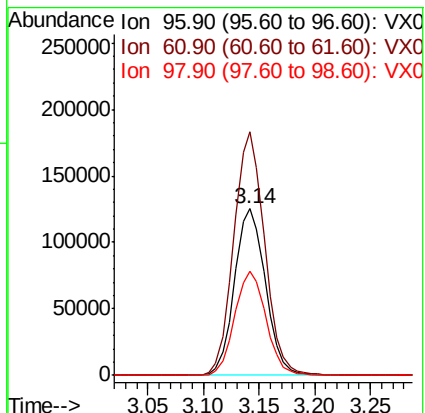
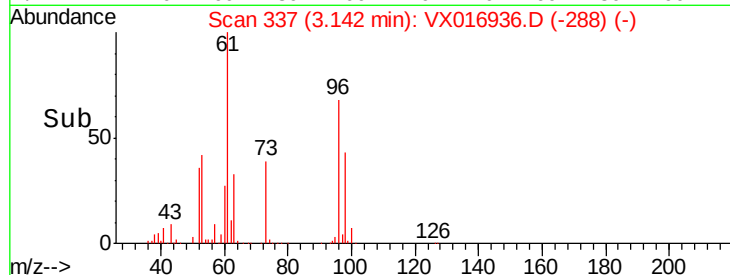
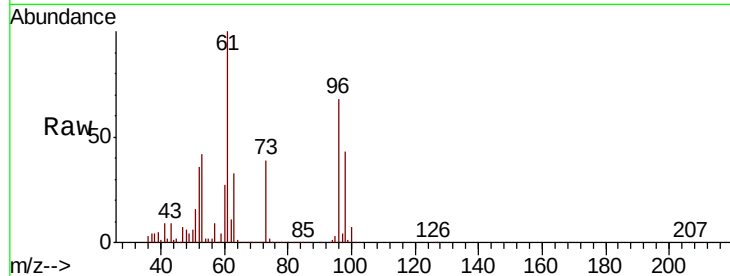
Tot Ion: 96 Resp: 242605

Ion Ratio Lower Upper

96 100

61 146.1 118.1 177.1

98 62.8 50.7 76.1



#22

Diisopropyl ether

Concen: 123.965 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Tgt Ion: 45 Resp: 897194

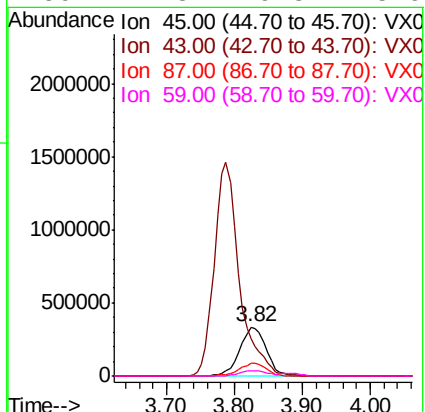
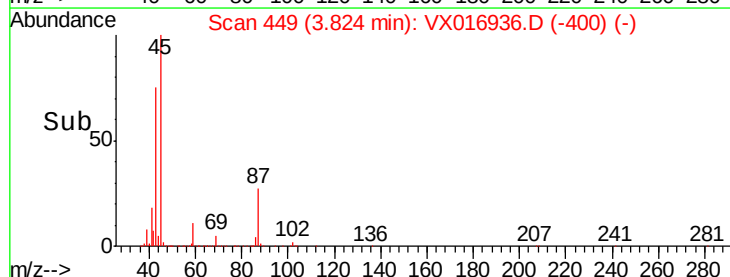
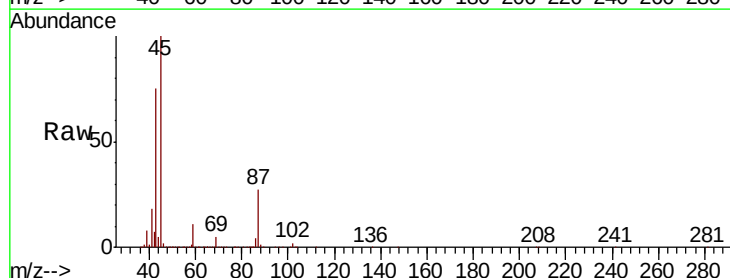
Ion Ratio Lower Upper

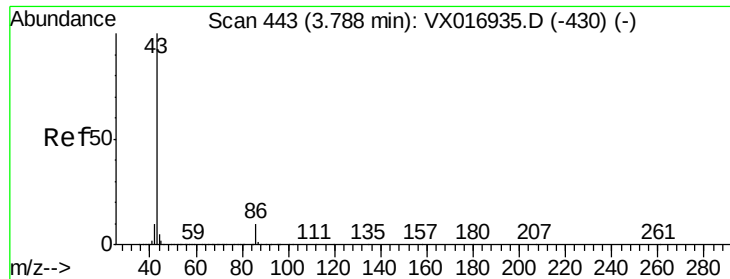
45 100

43 75.1 61.0 91.4

87 26.5 20.6 30.8

59 11.3 9.3 13.9





#23

Vinyl Acetate

Concen: 640.853 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

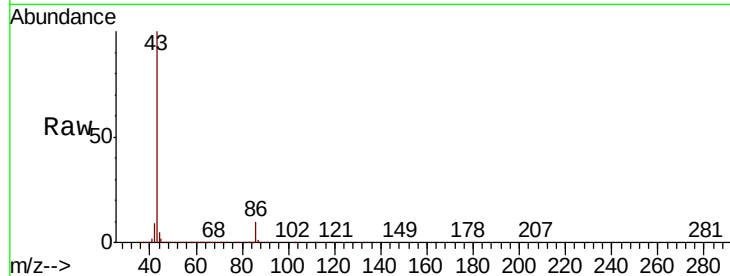
VSTDIC100

Tot Ion: 43 Resp: 3745892

Ion Ratio Lower Upper

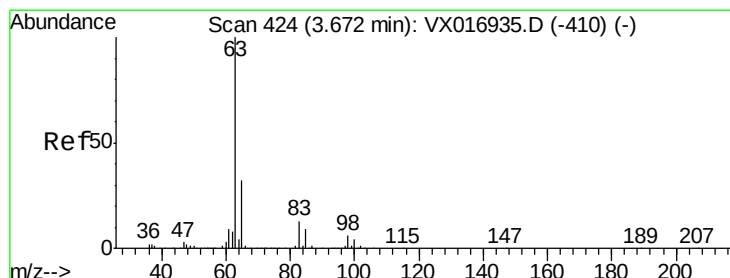
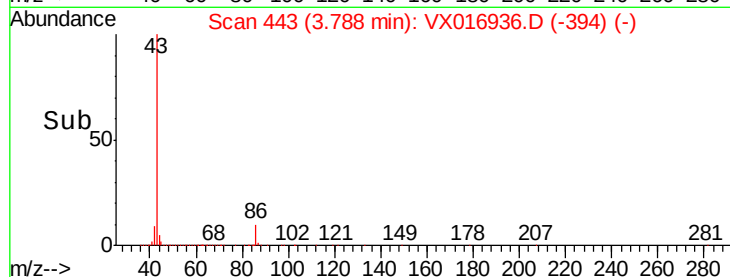
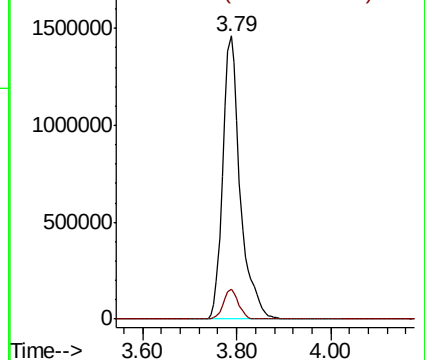
43 100

86 10.4 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 110.125 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

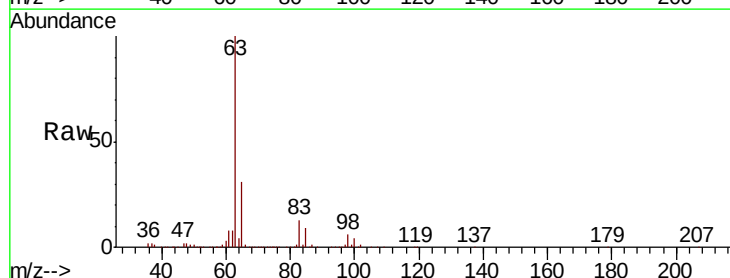
Tgt Ion: 63 Resp: 458963

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.3

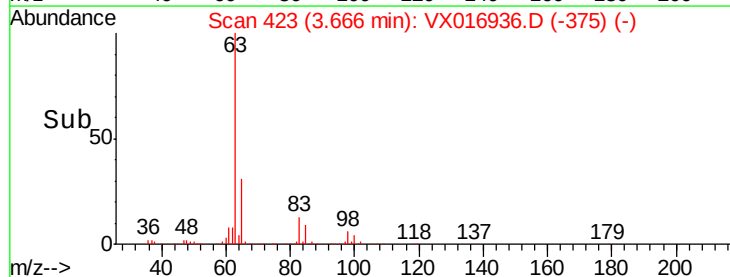
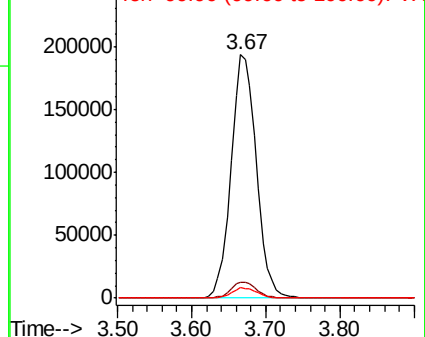
100 4.1 2.2 6.6

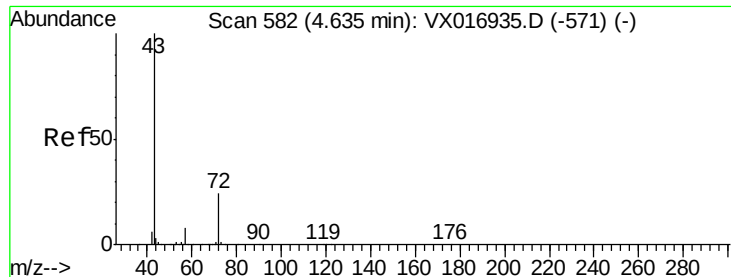


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 580.815 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

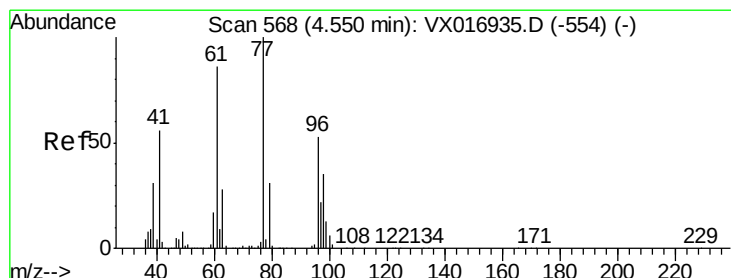
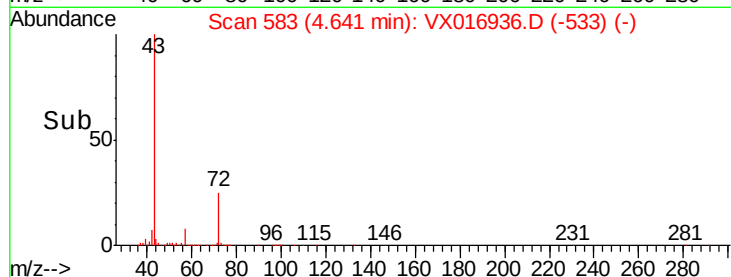
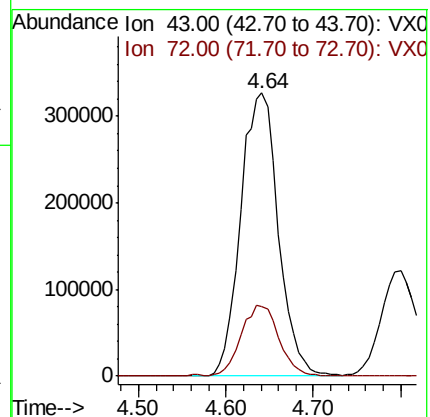
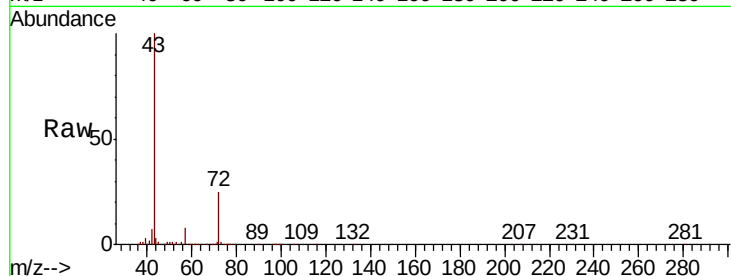
VSTDIC100

Tot Ion: 43 Resp: 973152

Ion Ratio Lower Upper

43 100

72 24.5 19.6 29.4



#26

2,2-Dichloropropane

Concen: 106.679 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016936.D

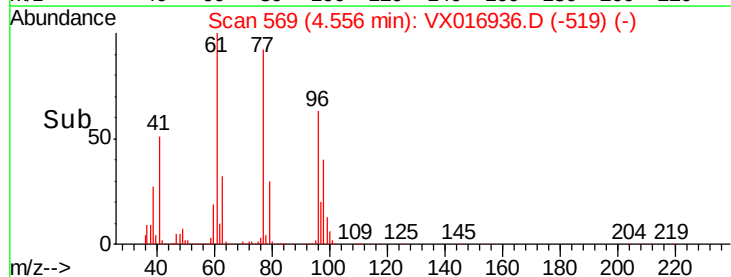
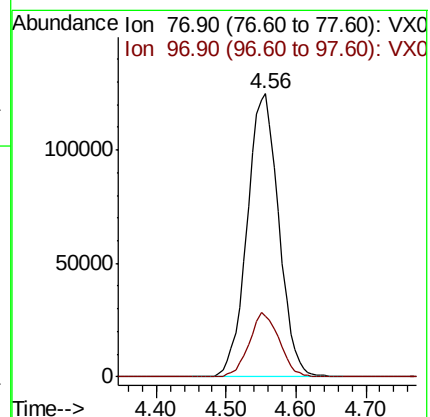
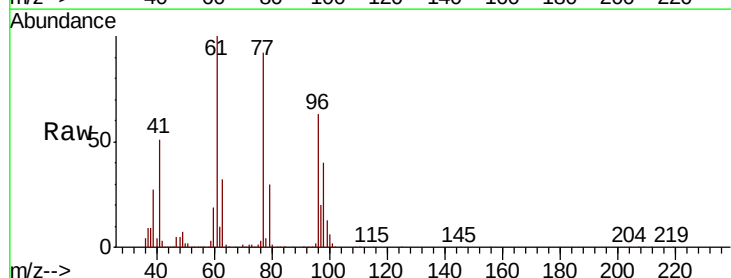
Acq: 23 Jun 2020 17:39

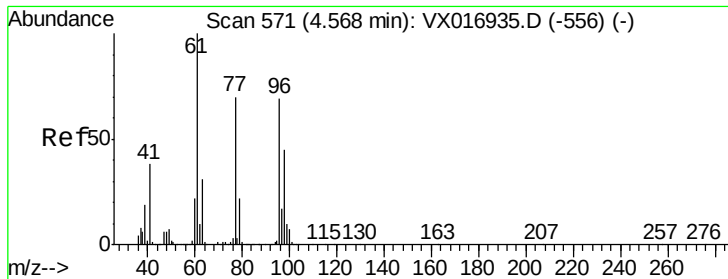
Tgt Ion: 77 Resp: 390857

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.9



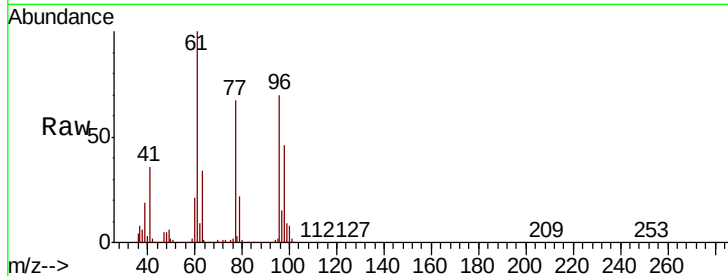


#27

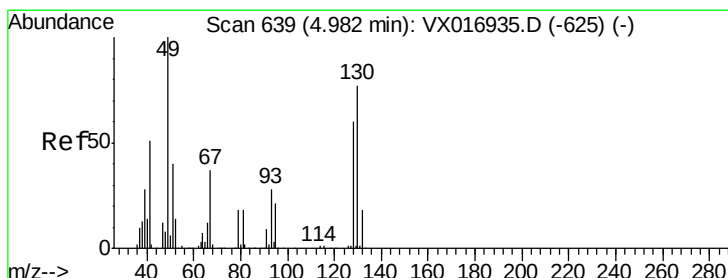
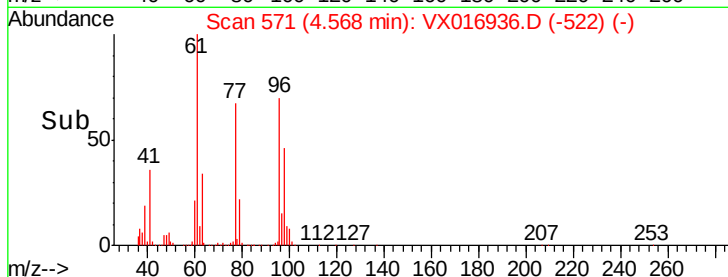
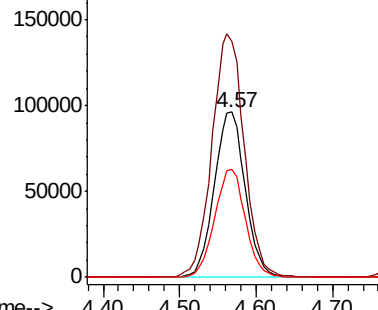
cis-1,2-Dichloroethene
Concen: 107.478 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.9	0.0	312.2
98	65.0	0.0	130.6



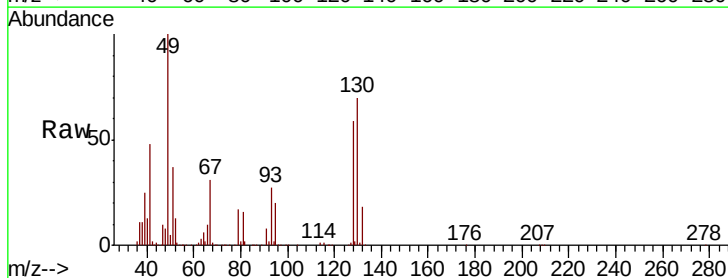
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



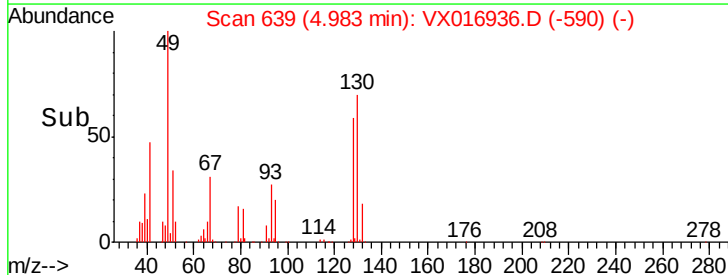
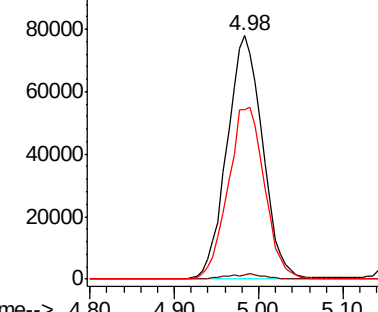
#28

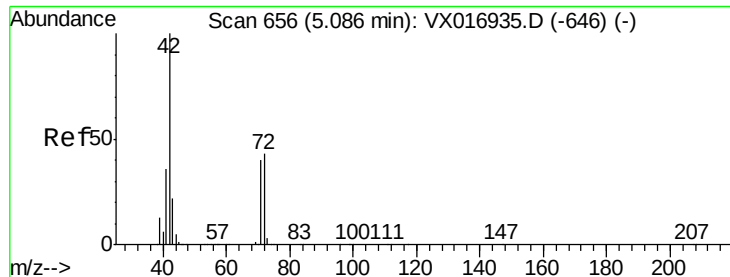
Bromochloromethane
Concen: 104.226 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	72.4	58.7	88.1



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 621.660 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

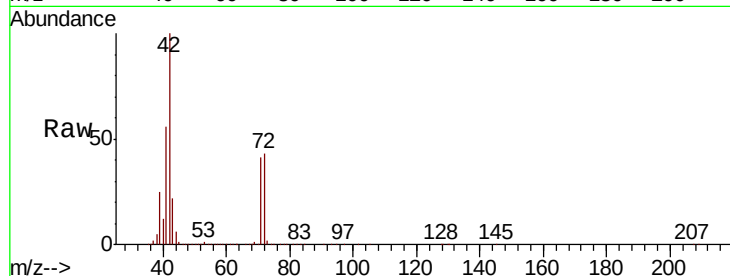
Tot Ion: 42 Resp: 639501

Ion Ratio Lower Upper

42 100

72 43.4 34.9 52.3

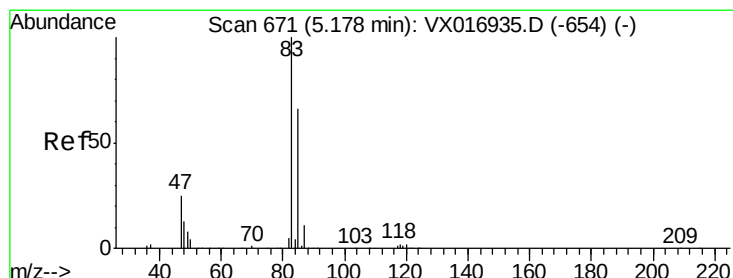
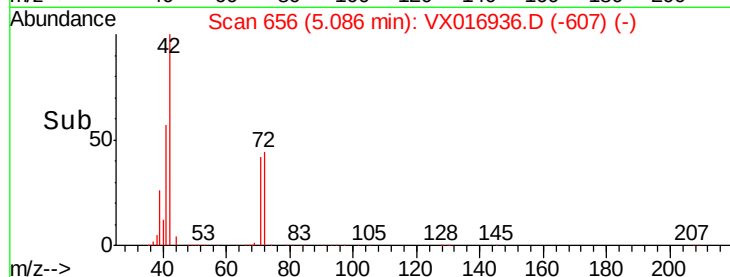
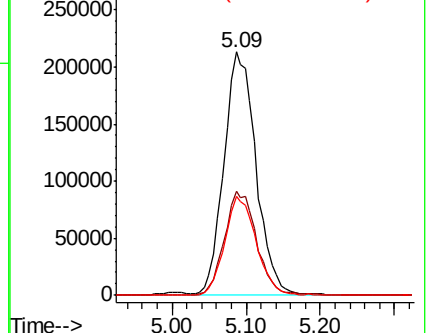
71 40.1 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 109.162 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016936.D

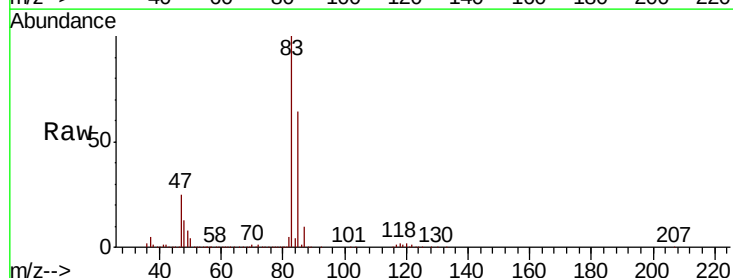
Acq: 23 Jun 2020 17:39

Tgt Ion: 83 Resp: 479281

Ion Ratio Lower Upper

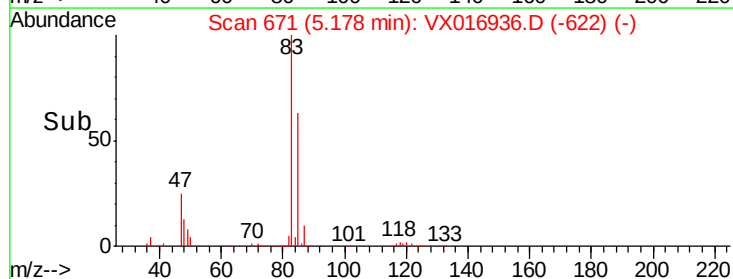
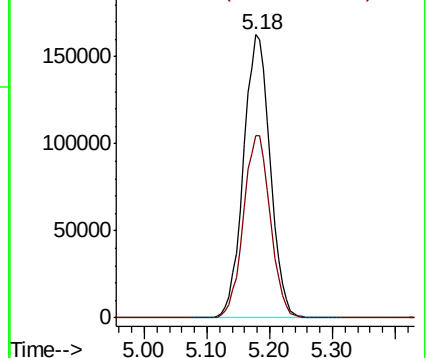
83 100

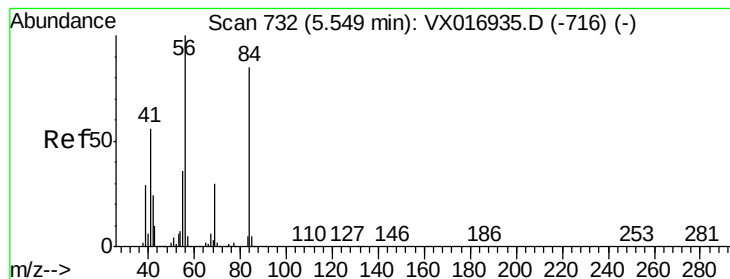
85 64.2 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 97.947 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

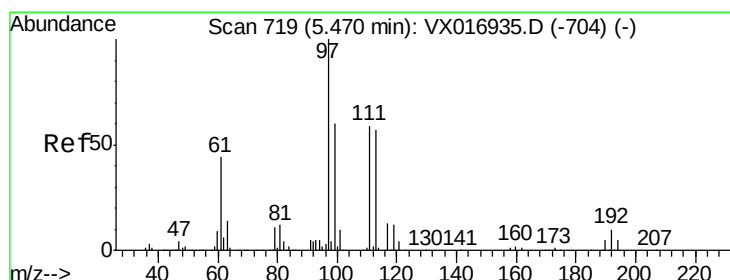
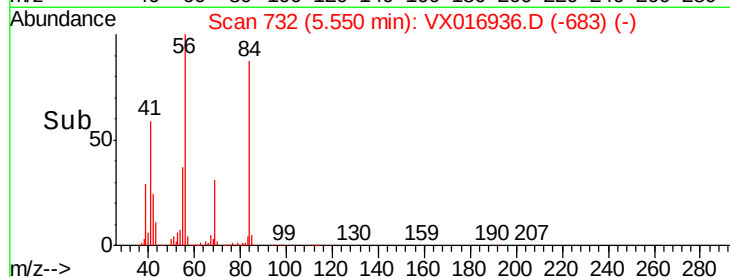
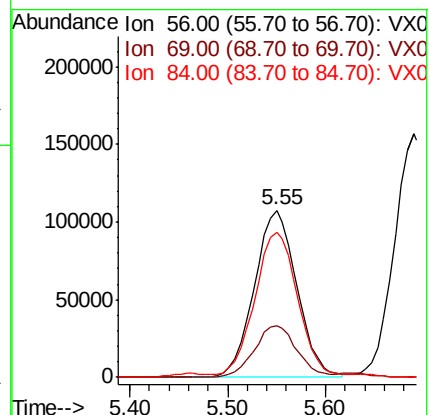
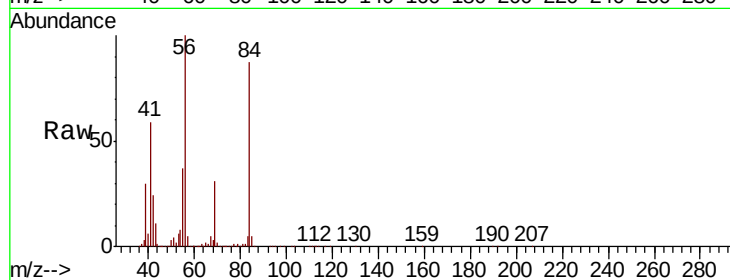
Tot Ion: 56 Resp: 325210

Ion Ratio Lower Upper

56 100

69 30.6 24.4 36.6

84 85.4 67.0 100.6



#32

1,1,1-Trichloroethane

Concen: 109.347 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

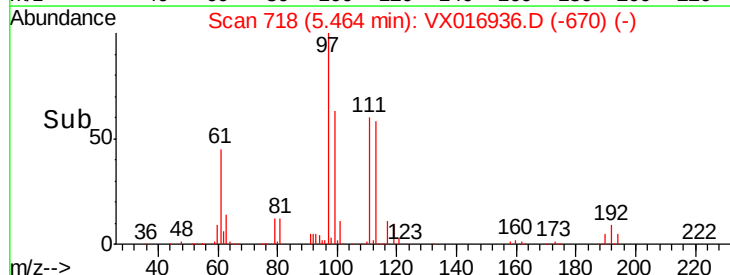
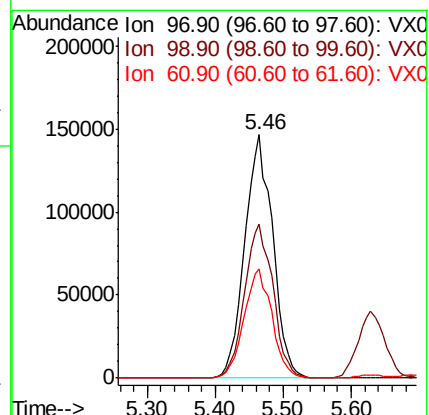
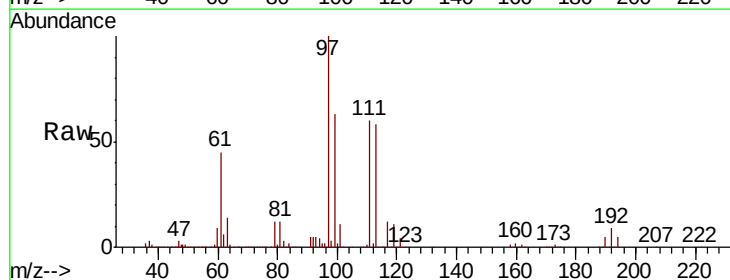
Tgt Ion: 97 Resp: 420885

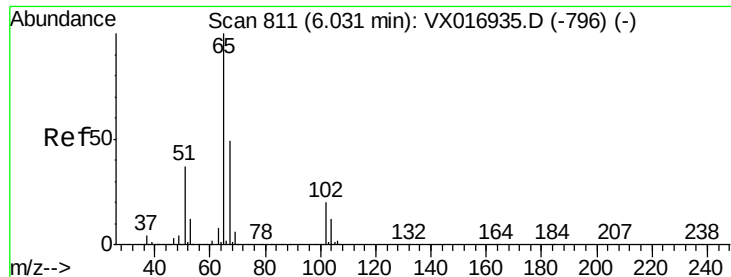
Ion Ratio Lower Upper

97 100

99 64.1 50.6 76.0

61 44.6 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 98.604 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

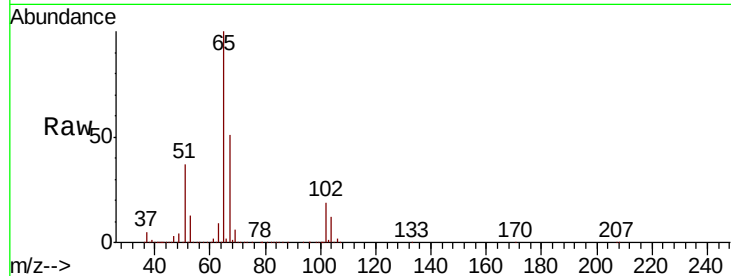
VSTDIC100

Tot Ion: 65 Resp: 275813

Ion Ratio Lower Upper

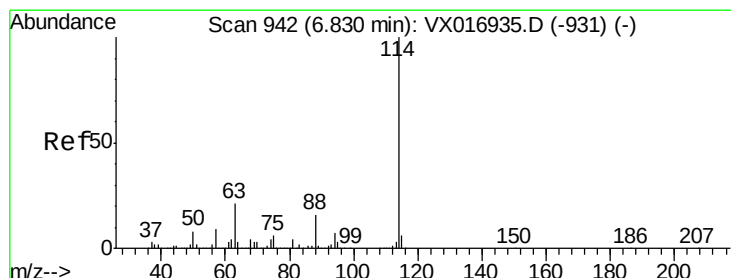
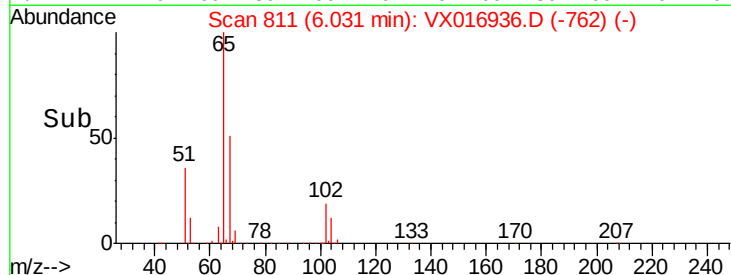
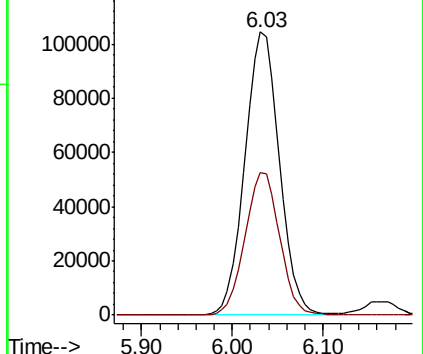
65 100

67 50.5 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: VX016936.D

Acq: 23 Jun 2020 17:39

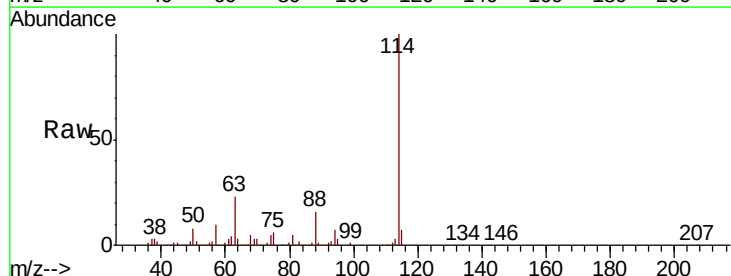
Tgt Ion: 114 Resp: 324723

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.4

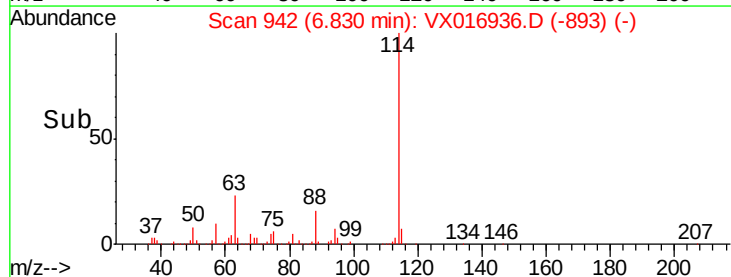
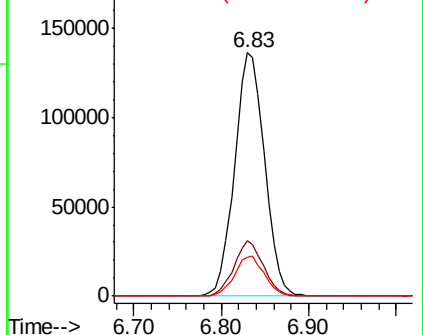
88 16.1 0.0 32.4

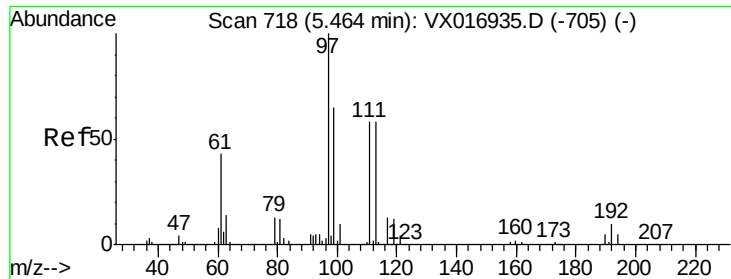


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

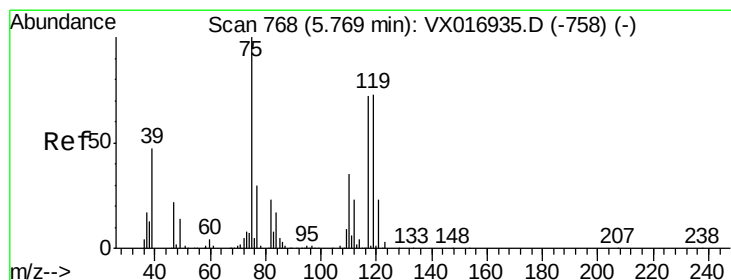
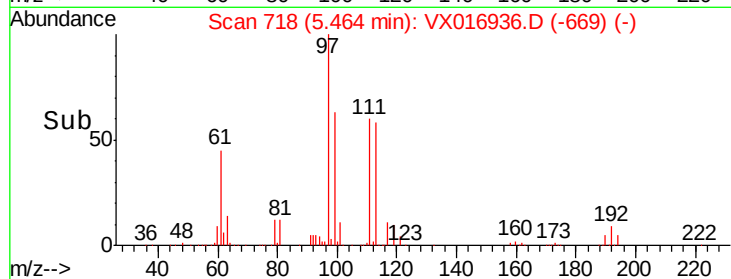
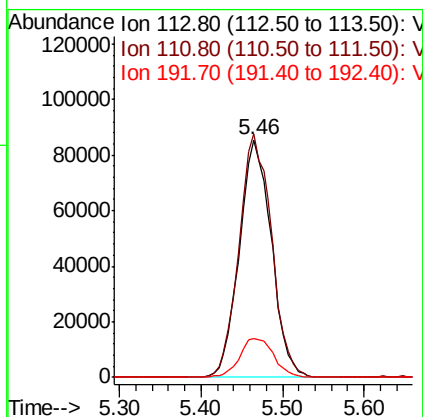
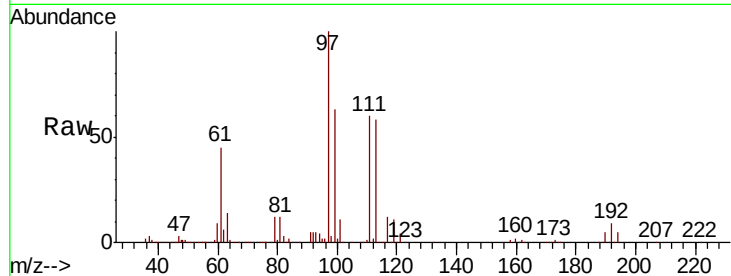




#35
 Dibromofluoromethane
 Concen: 105.054 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

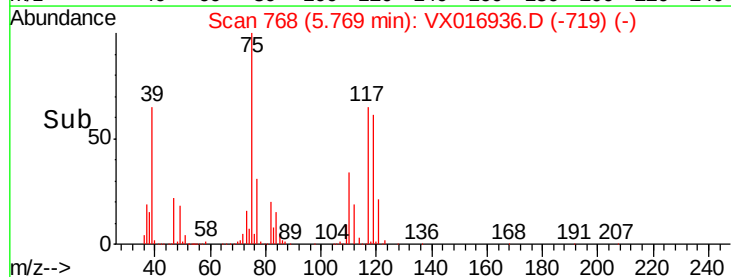
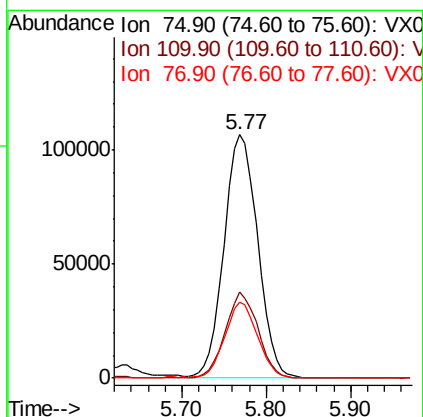
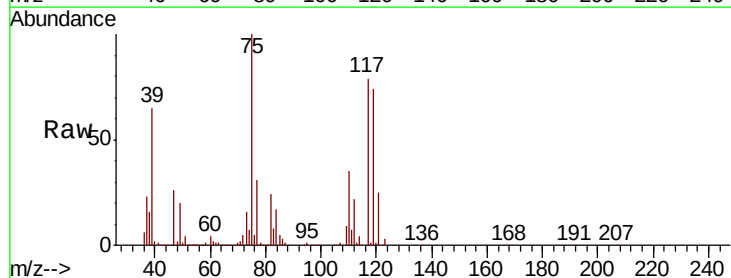
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

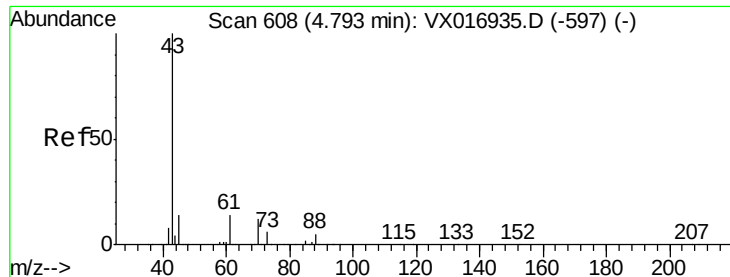
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.4	125.0
192	17.4	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 93.686 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.1	51.3
77	30.4	24.9	37.3

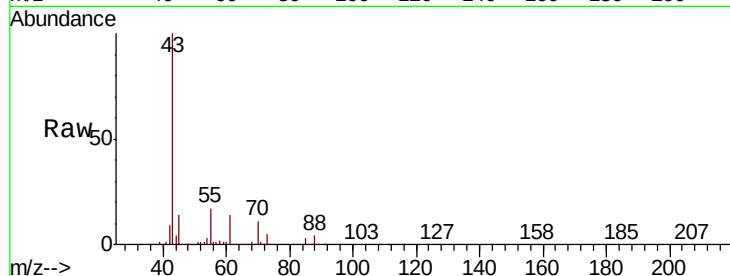




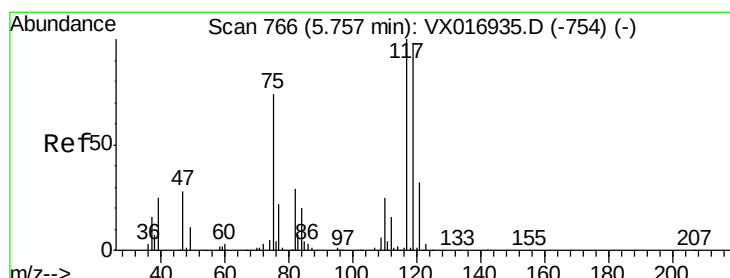
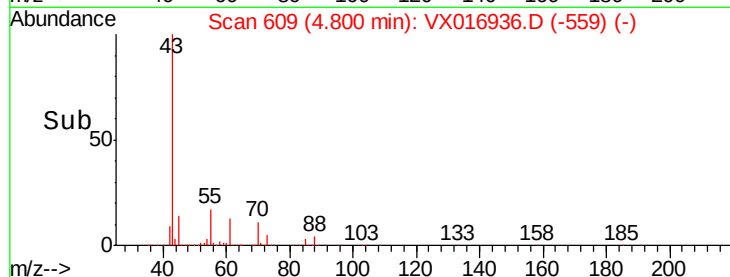
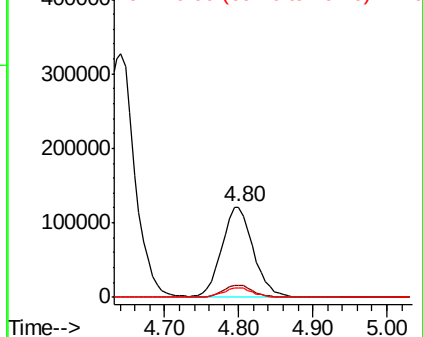
#37
Ethyl Acetate
Concen: 104.743 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 356382
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.4
70 10.4 8.9 13.3

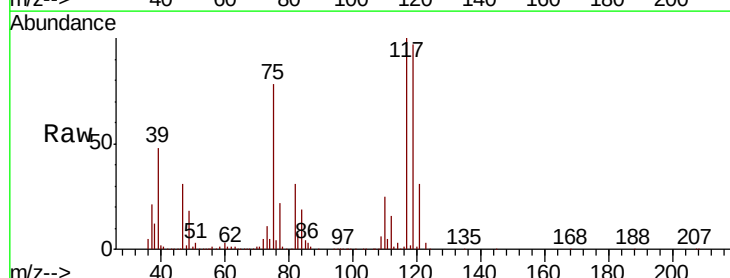


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

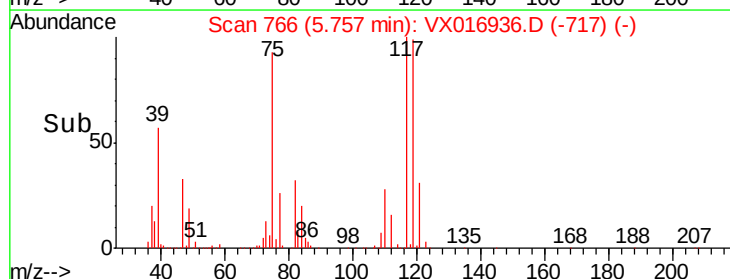
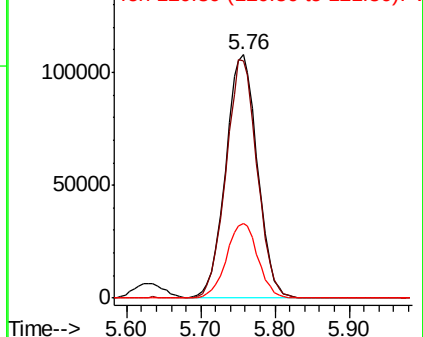


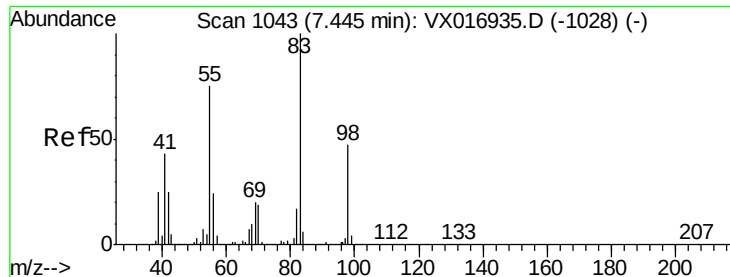
#38
Carbon Tetrachloride
Concen: 96.822 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Tgt Ion: 117 Resp: 320622
Ion Ratio Lower Upper
117 100
119 97.2 78.2 117.2
121 30.7 25.0 37.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

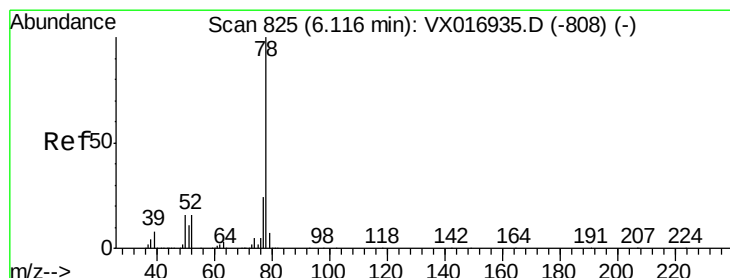
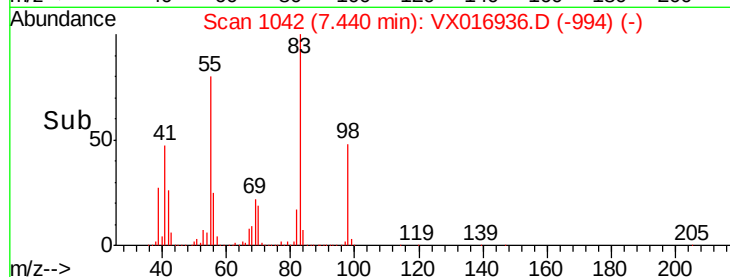
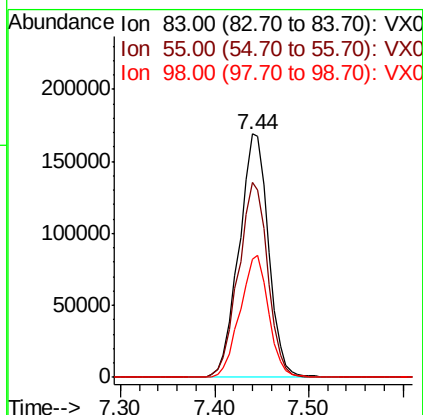
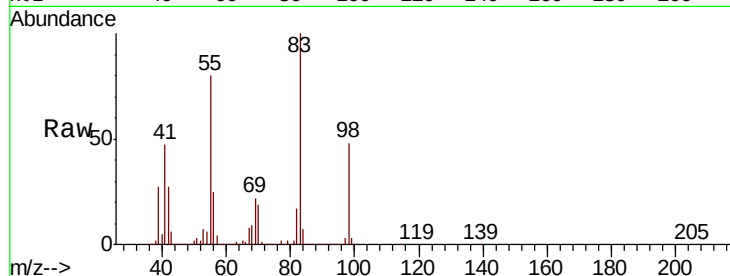




#39
Methylvlcyclohexane
Concen: 108.244 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

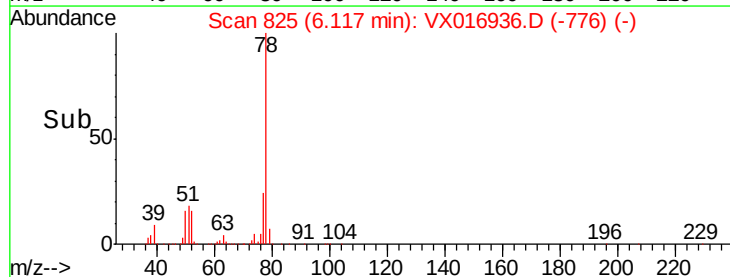
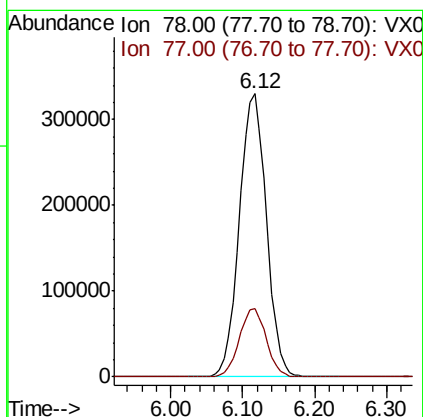
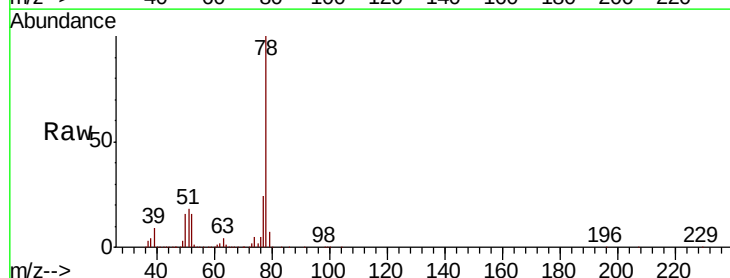
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

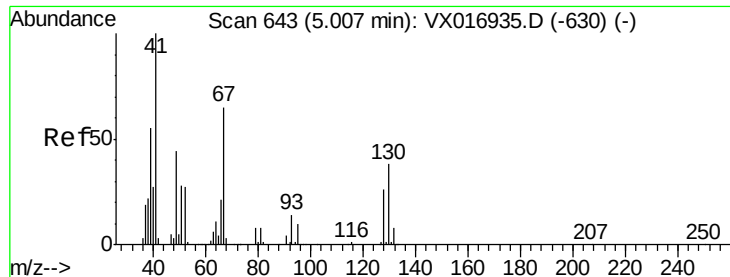
Tot Ion	Ratio	Lower	Upper
83	100		
55	80.0	59.9	89.9
98	48.3	37.3	55.9



#40
Benzene
Concen: 97.076 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7

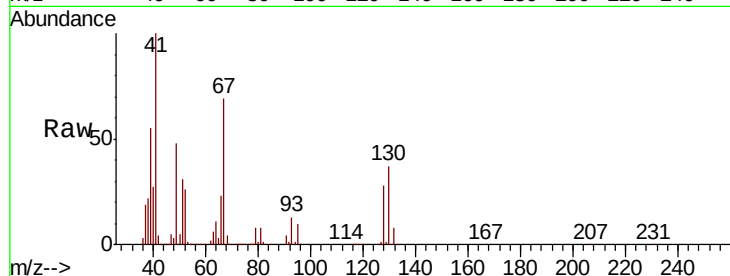




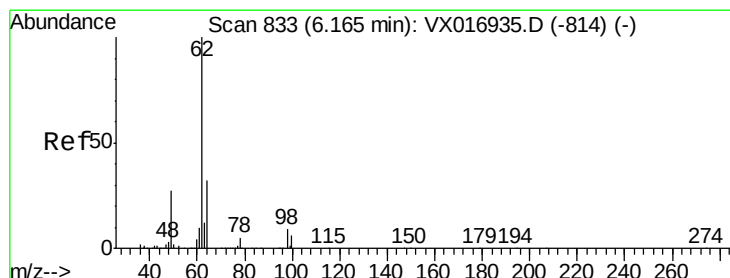
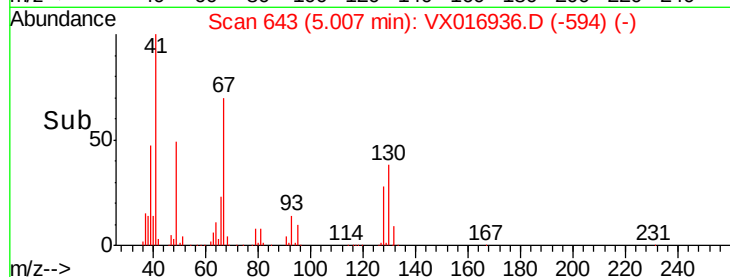
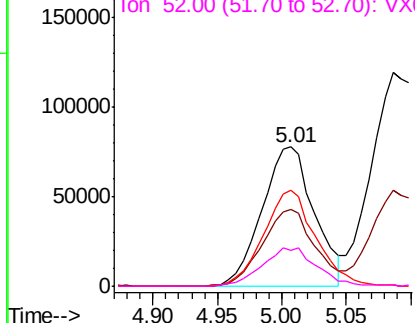
#41
Methacrylonitrile
Concen: 109.780 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	217590
Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.2	66.2
67	69.7	55.1	82.7
52	28.3	22.6	34.0

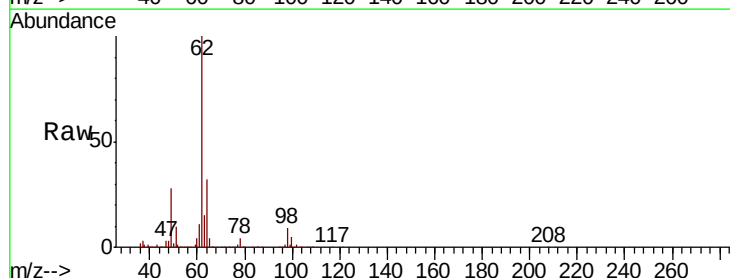


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

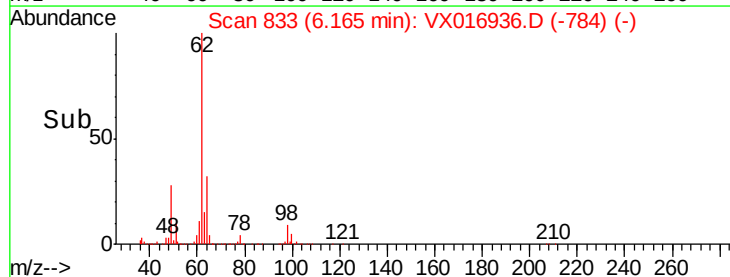
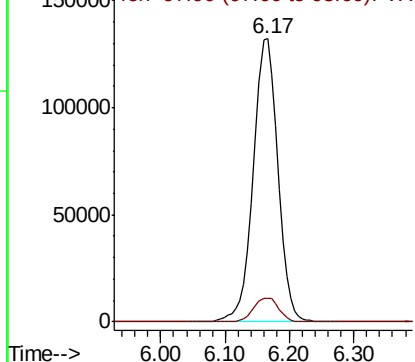


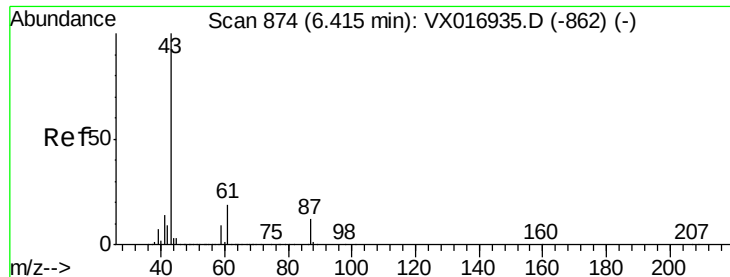
#42
1,2-Dichloroethane
Concen: 94.949 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Tgt Ion:	62	Resp:	345792
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 107.466 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

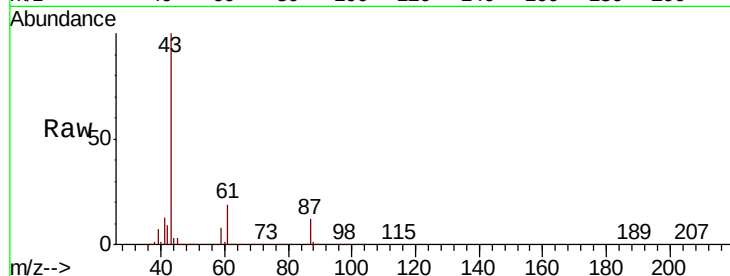
Tot Ion: 43 Resp: 637091

Ion Ratio Lower Upper

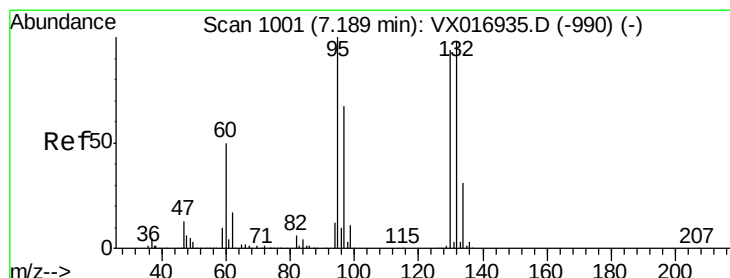
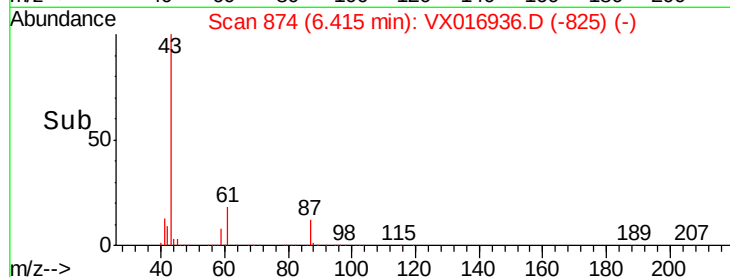
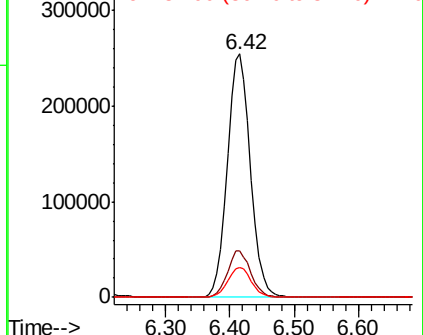
43 100

61 19.3 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: 110.601 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016936.D

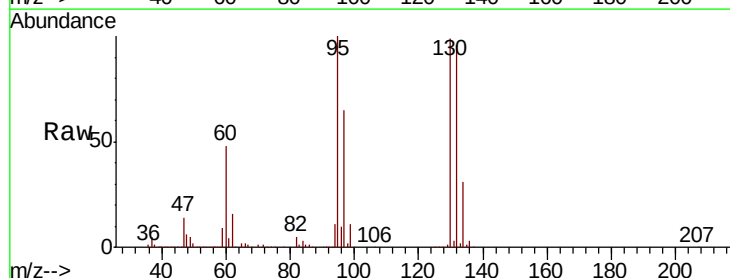
Acq: 23 Jun 2020 17:39

Tgt Ion:130 Resp: 274680

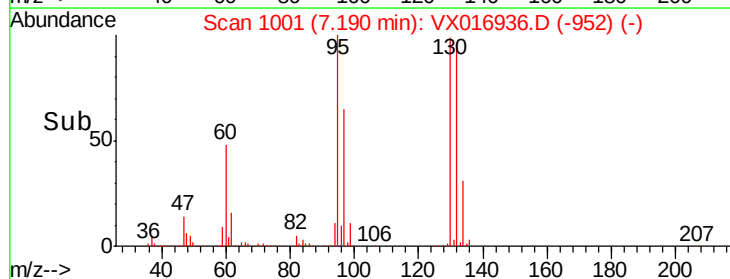
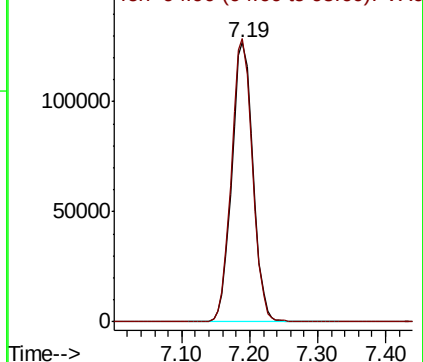
Ion Ratio Lower Upper

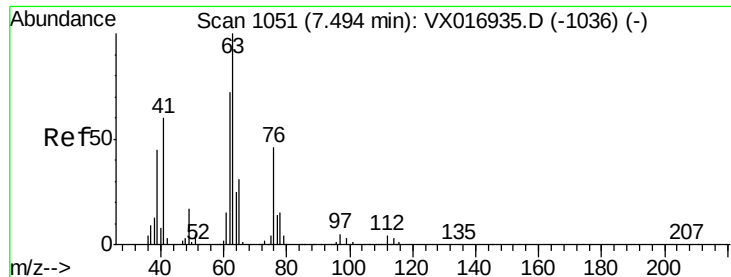
130 100

95 101.3 0.0 213.2



Abundance Ion 129.80 (129.50 to 130.50): V
150000 Ion 94.90 (94.60 to 95.60): VX0

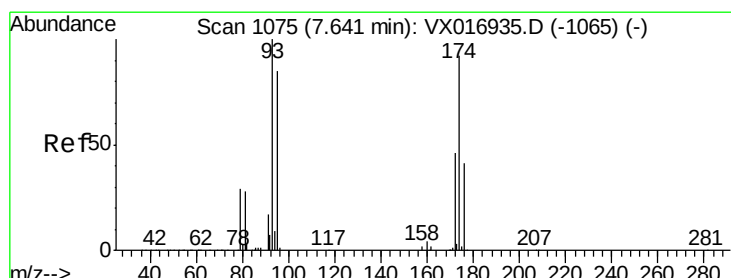
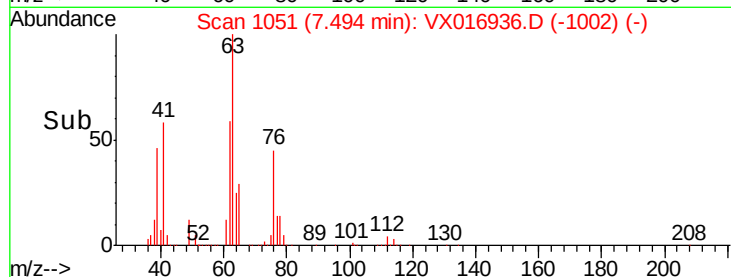
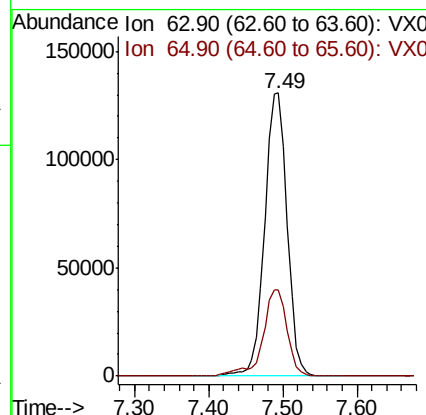
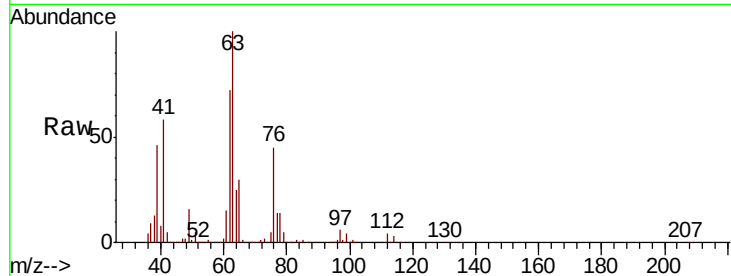




#45
 1,2-Dichloropropane
 Concen: 112.688 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

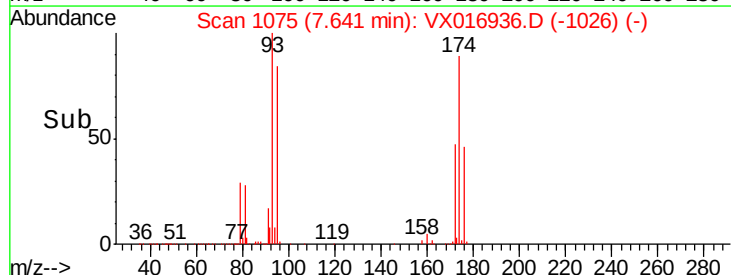
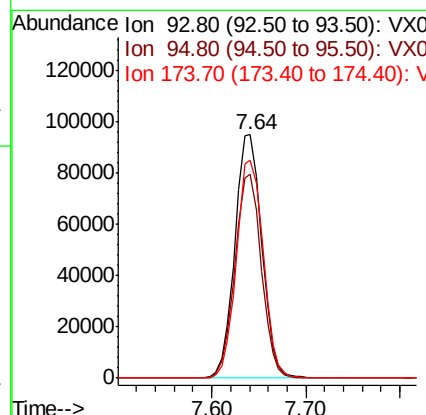
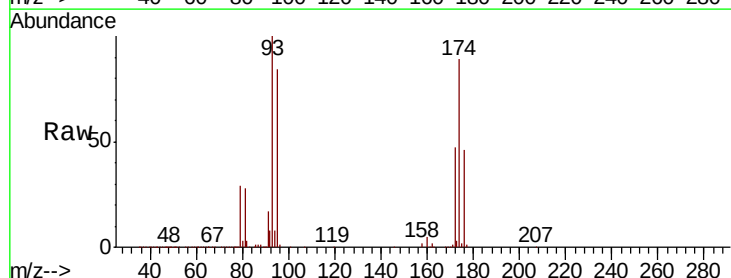
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

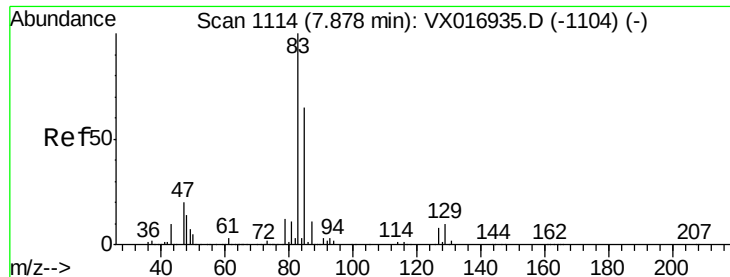
Tot Ion: 63 Resp: 277001
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.4 36.6



#46
 Dibromomethane
 Concen: 111.328 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

Tgt Ion: 93 Resp: 189144
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.3 99.5
 174 89.5 71.1 106.7





#47

Bromodichloromethane

Concen: 113.913 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

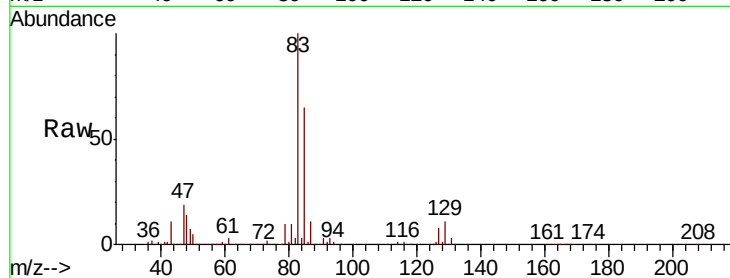
Tot Ion: 83 Resp: 405913

Ion Ratio Lower Upper

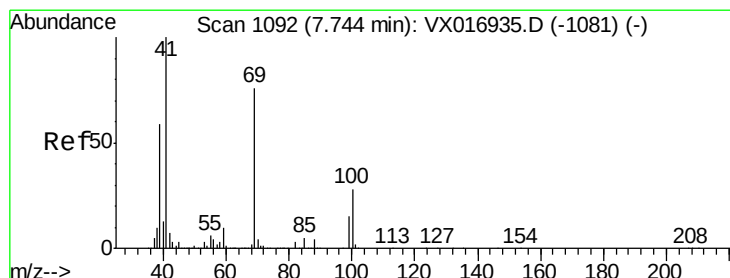
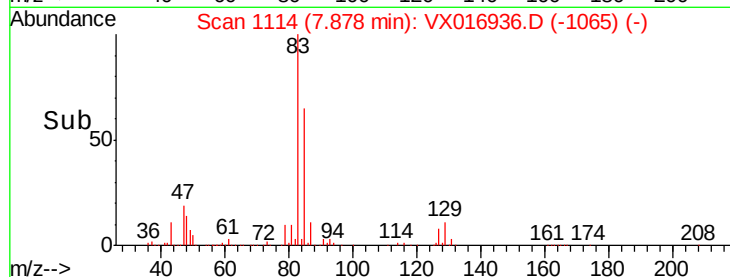
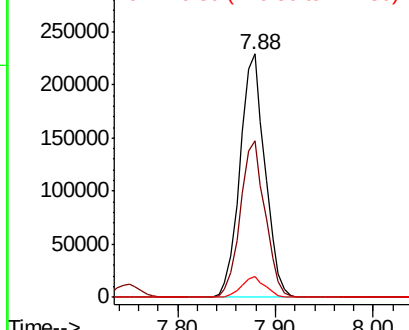
83 100

85 64.5 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: 122.407 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

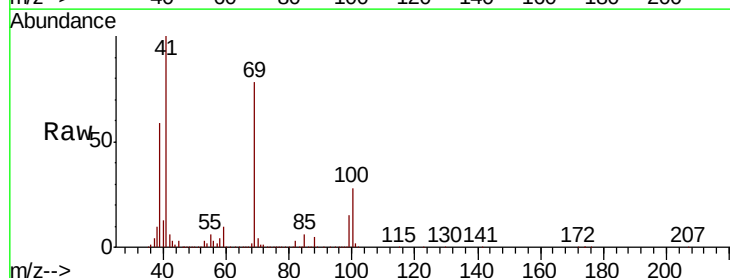
Tgt Ion: 41 Resp: 337425

Ion Ratio Lower Upper

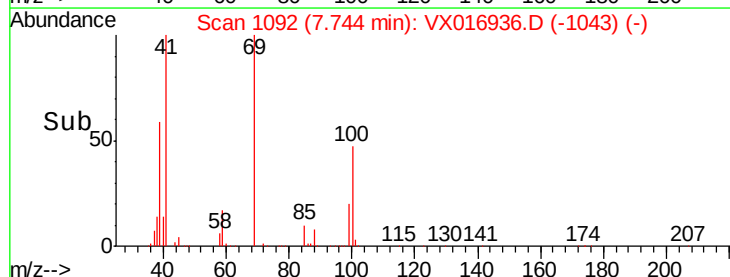
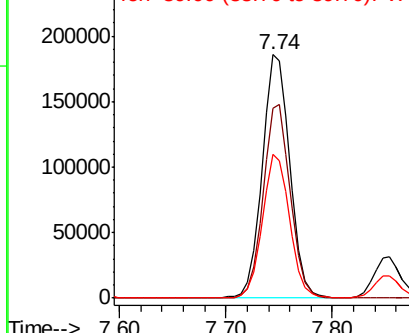
41 100

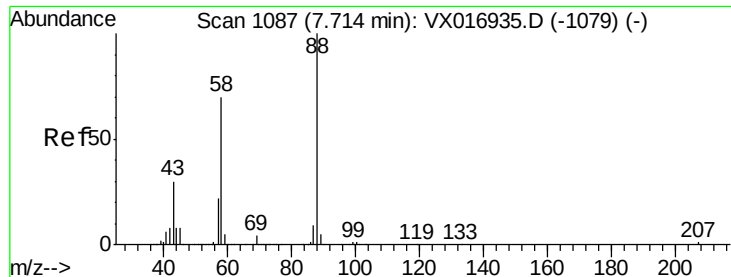
69 78.1 62.5 93.7

39 58.1 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: 2267.448 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

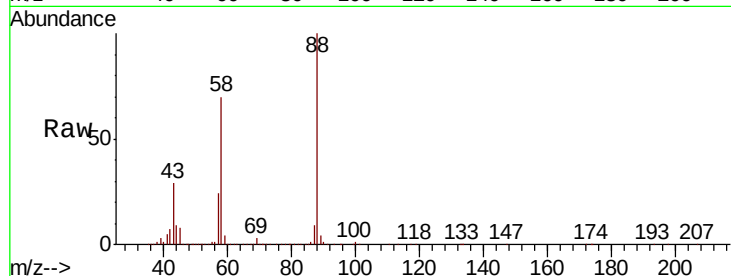
Tot Ion: 88 Resp: 134425

Ion Ratio Lower Upper

88 100

43 35.1 27.3 40.9

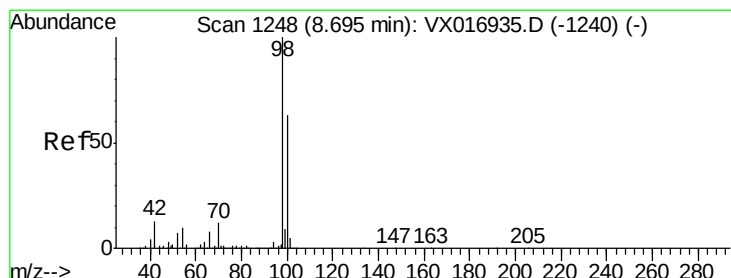
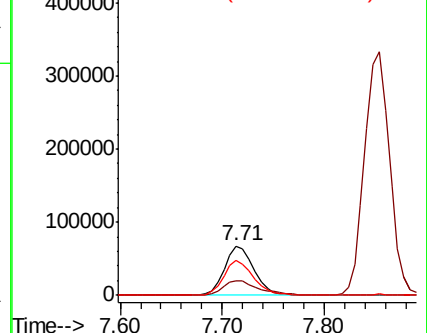
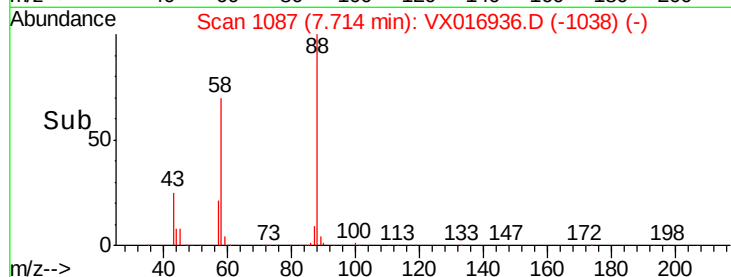
58 72.4 57.4 86.0



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: 97.489 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016936.D

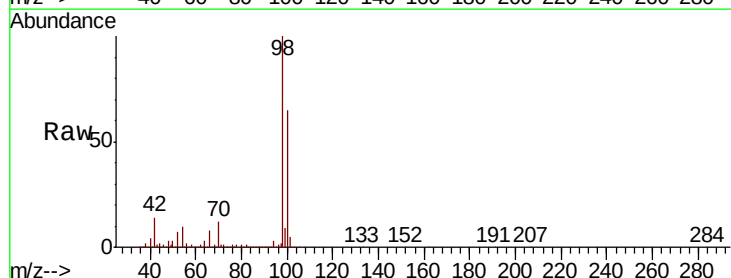
Acq: 23 Jun 2020 17:39

Tgt Ion: 98 Resp: 764221

Ion Ratio Lower Upper

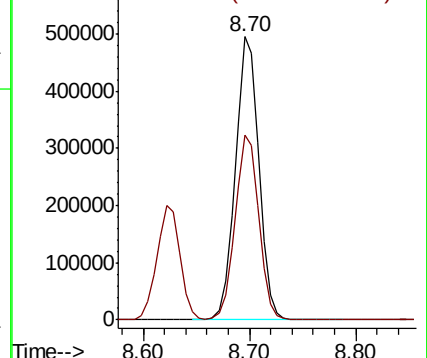
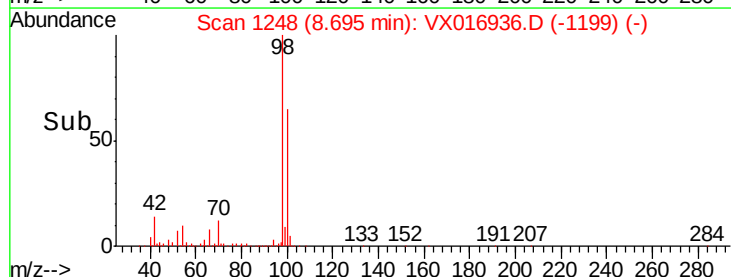
98 100

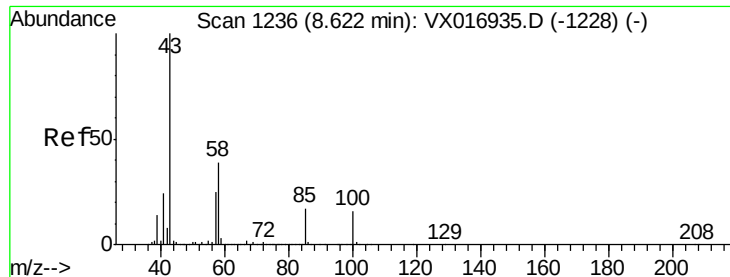
100 65.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

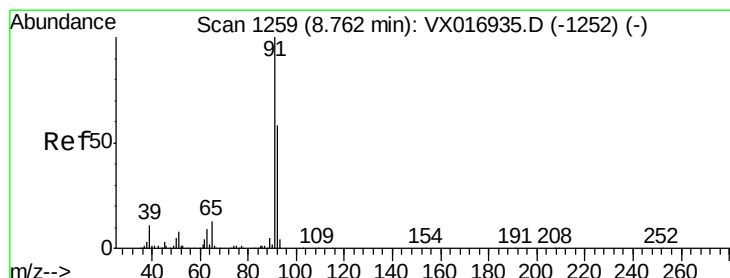
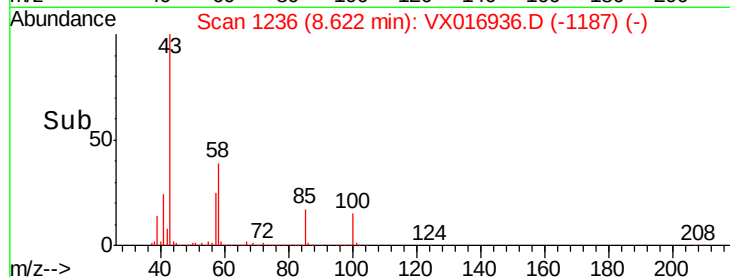
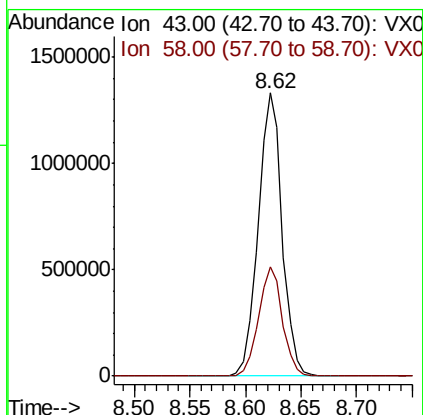
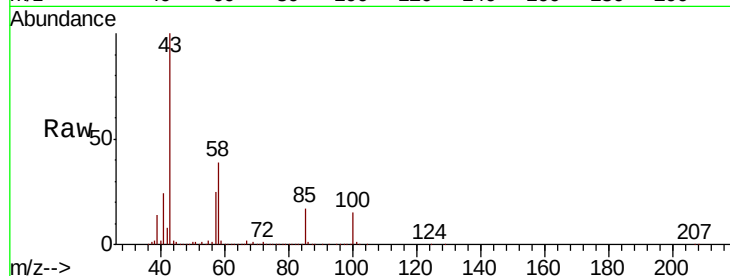




#51
4-Methyl-2-Pentanone
Concen: 577.873 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

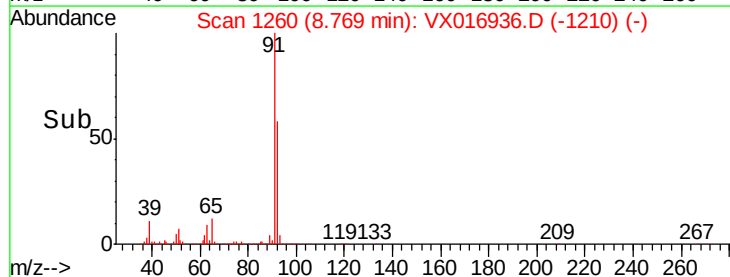
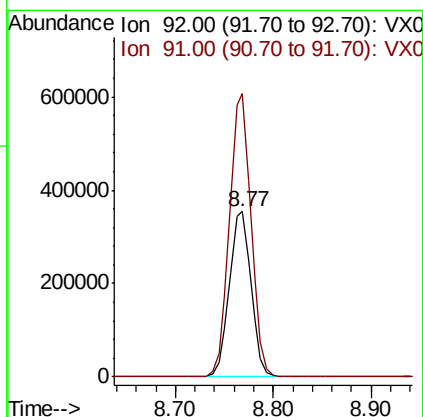
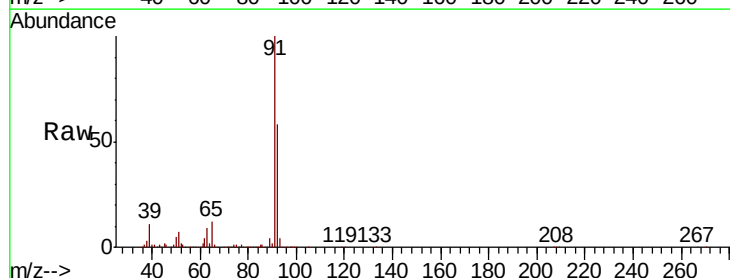
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

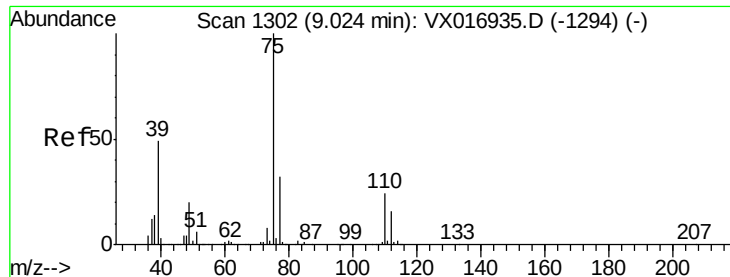
Tot Ion: 43 Resp: 1995465
Ion Ratio Lower Upper
43 100
58 38.4 30.6 46.0



#52
Toluene
Concen: 100.216 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Tgt Ion: 92 Resp: 546191
Ion Ratio Lower Upper
92 100
91 170.2 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 105.277 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

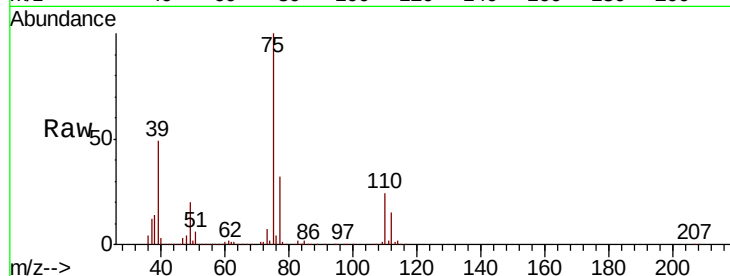
VSTDIC100

Tot Ion: 75 Resp: 431799

Ion Ratio Lower Upper

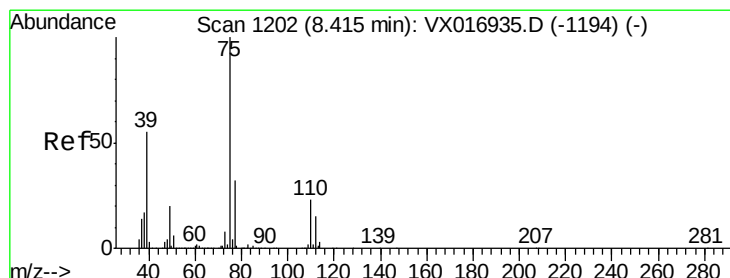
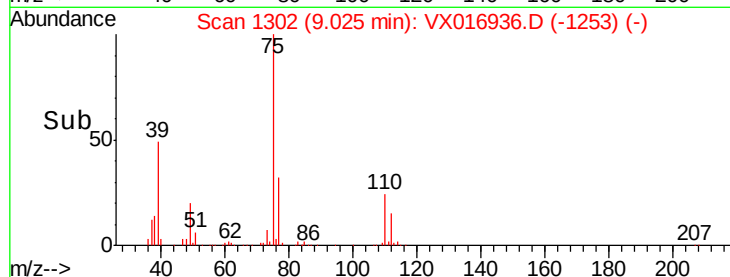
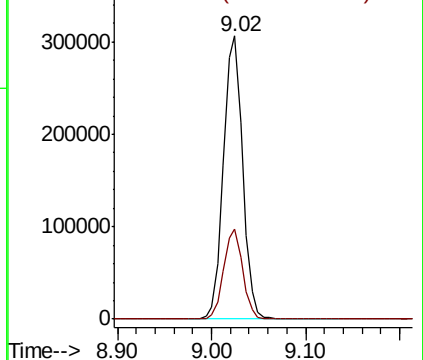
75 100

77 32.0 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 120.332 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

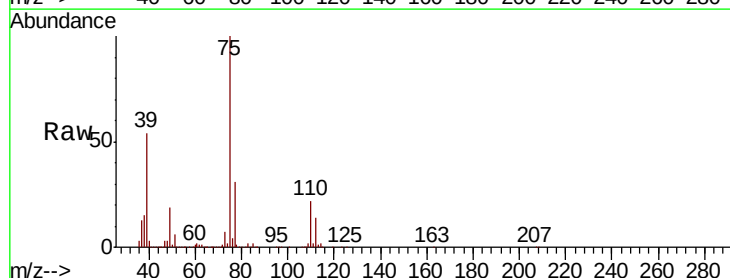
Tgt Ion: 75 Resp: 476251

Ion Ratio Lower Upper

75 100

77 30.7 25.5 38.3

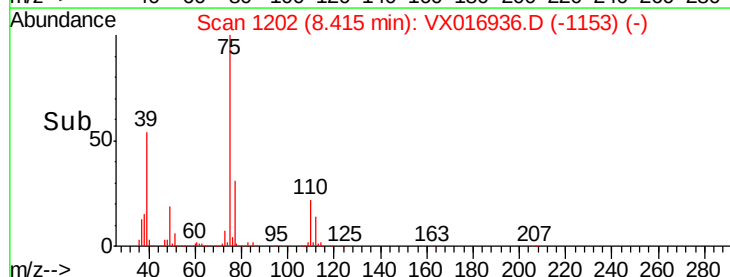
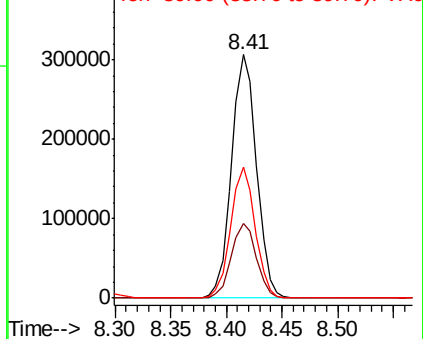
39 53.6 44.4 66.6

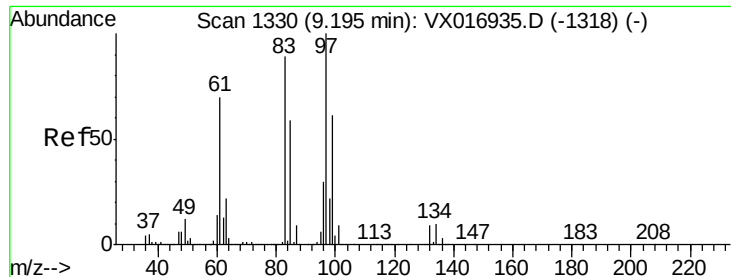


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



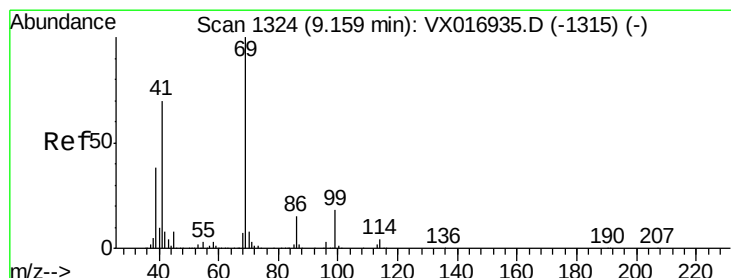
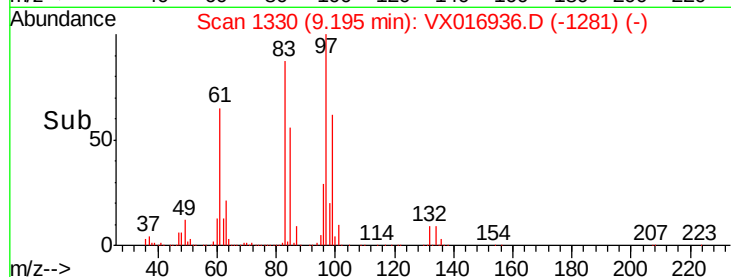
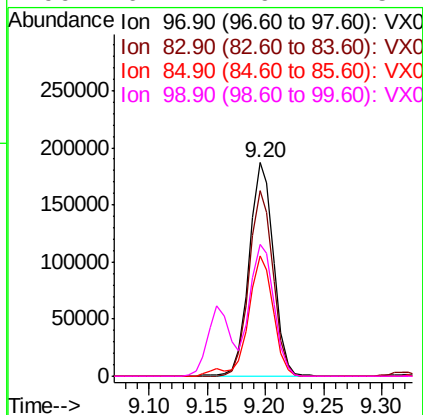
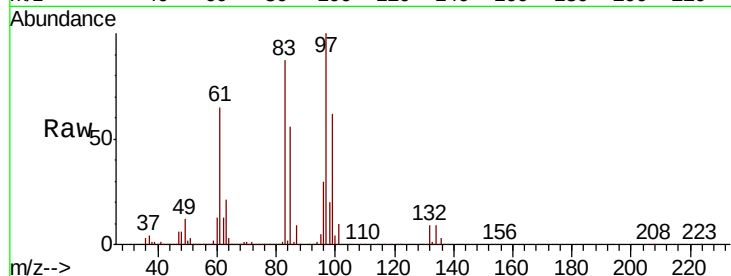


#55
 1,1,2-Trichloroethane
 Concen: 111.263 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 97 Resp: 274643

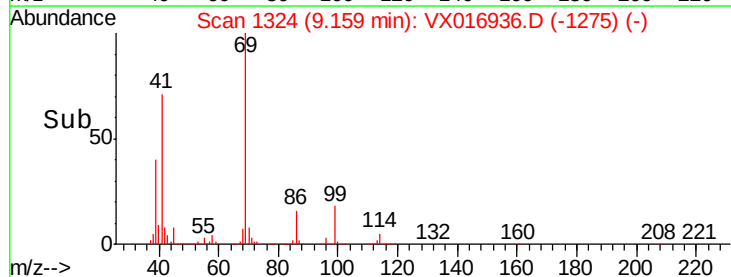
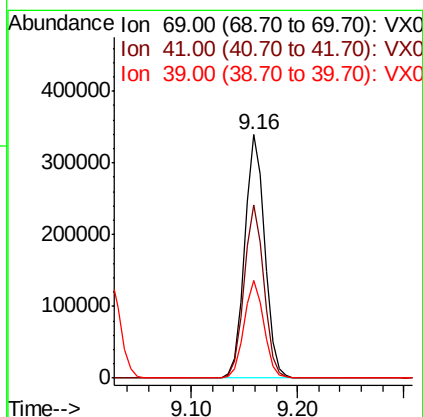
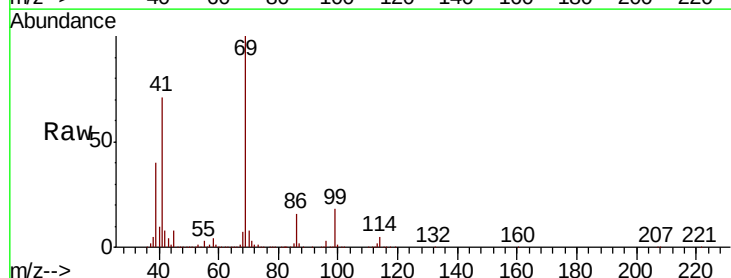
Ion	Ratio	Lower	Upper
97	100		
83	87.1	71.3	106.9
85	56.3	47.4	71.2
99	61.7	49.1	73.7

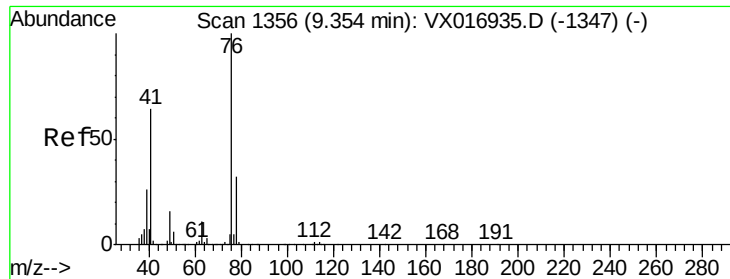


#56
 Ethyl methacrylate
 Concen: 117.825 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

Tgt Ion: 69 Resp: 450491

Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.6	84.8
39	39.8	31.8	47.8





#57

1,3-Dichloropropane

Concen: 112.636 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

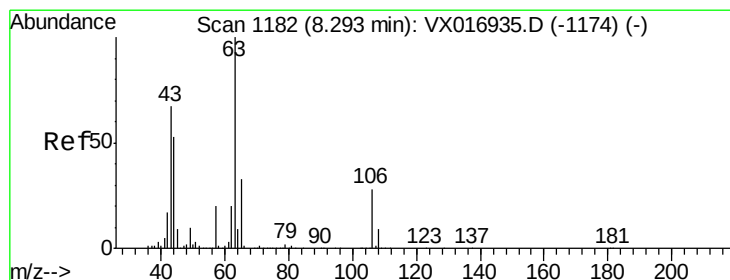
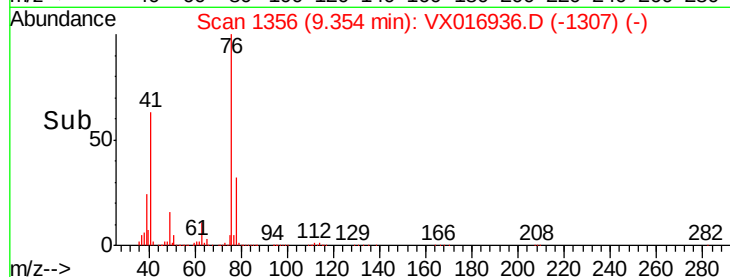
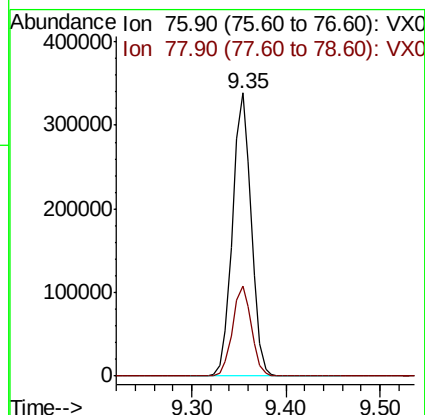
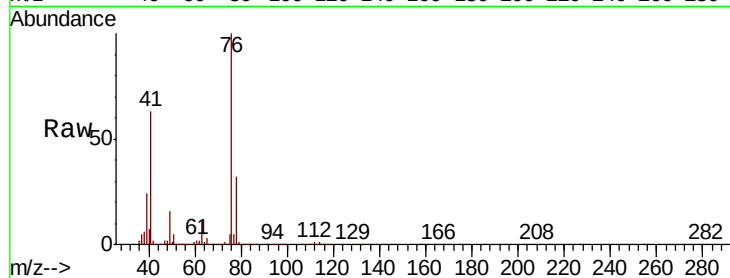
VSTDIC100

Tot Ion: 76 Resp: 465987

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 353.616 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016936.D

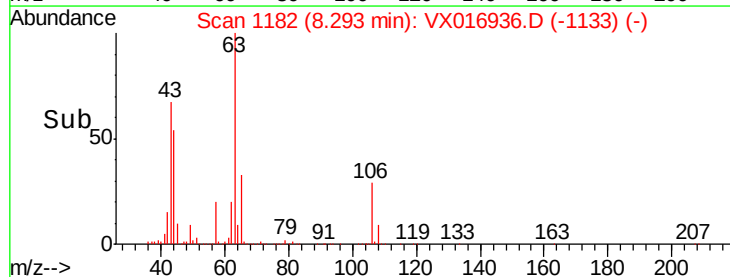
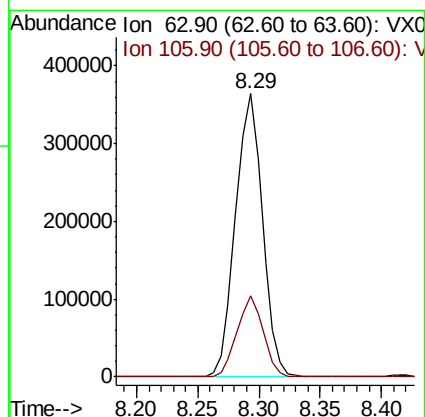
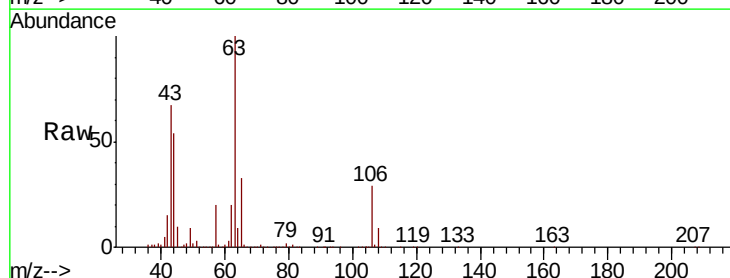
Acq: 23 Jun 2020 17:39

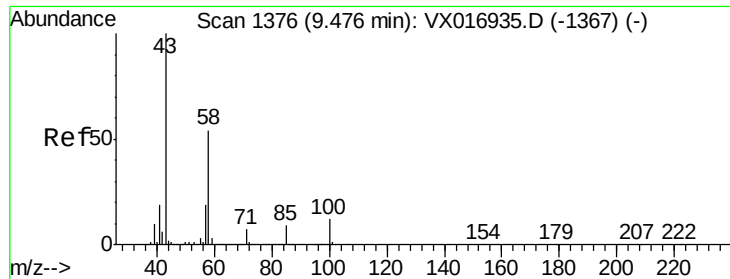
Tgt Ion: 63 Resp: 553805

Ion Ratio Lower Upper

63 100

106 27.9 22.4 33.6

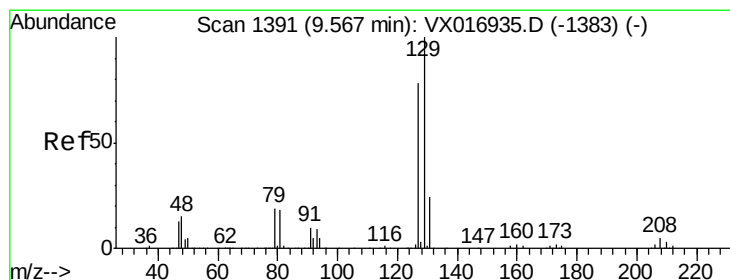
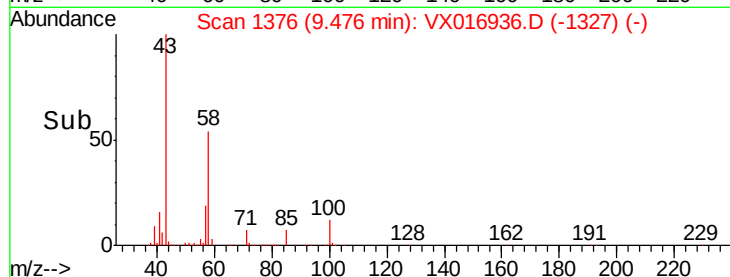
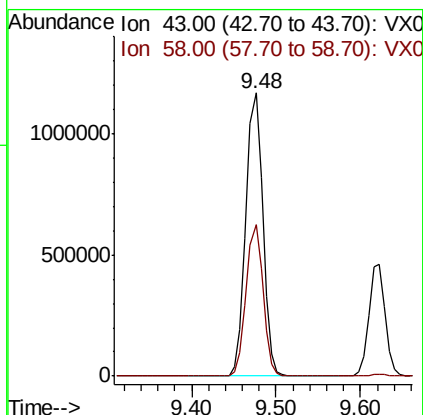
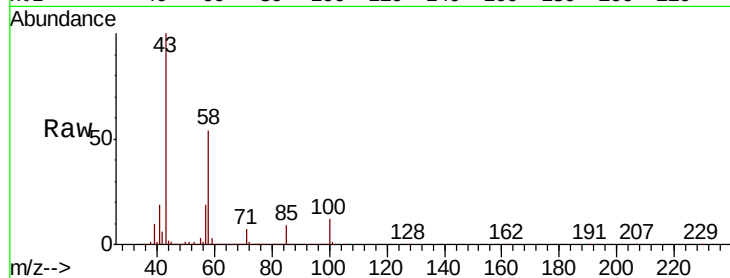




#59
2-Hexanone
Concen: 594.475 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

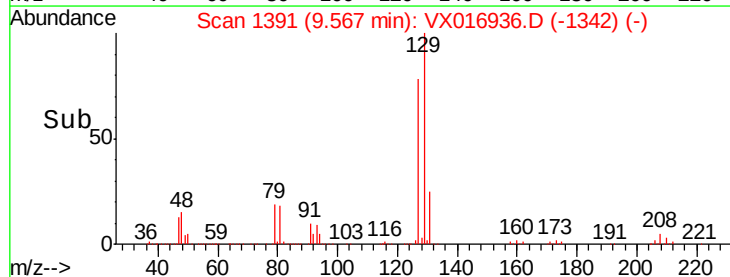
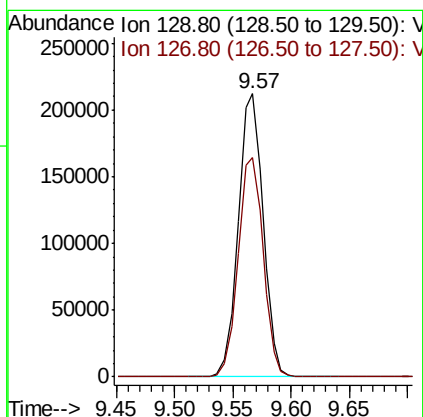
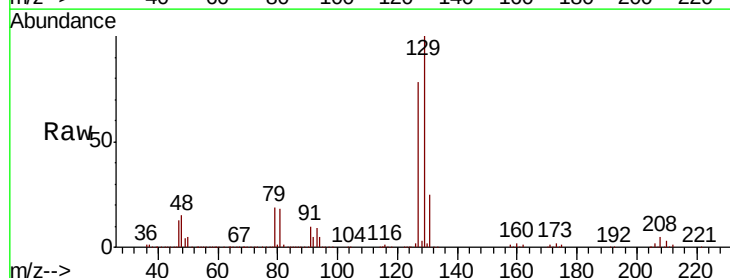
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

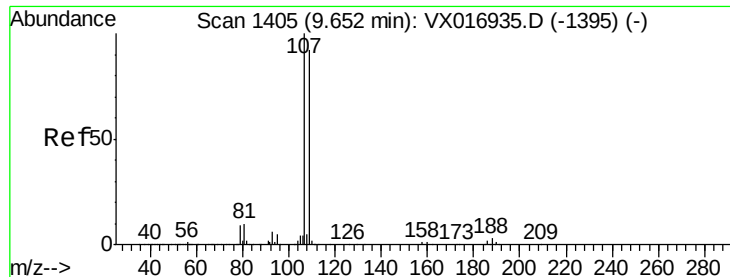
Tot Ion: 43 Resp: 1571923
Ion Ratio Lower Upper
43 100
58 53.2 26.8 80.4



#60
Dibromochloromethane
Concen: 116.716 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Tgt Ion: 129 Resp: 315157
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6

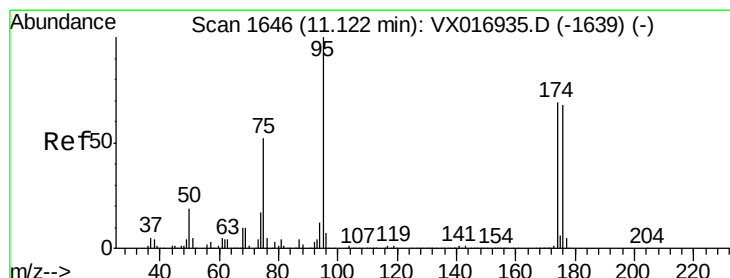
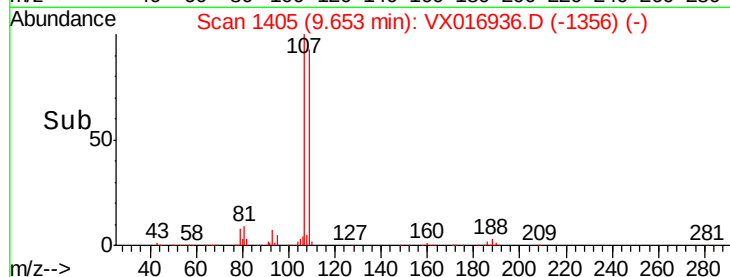
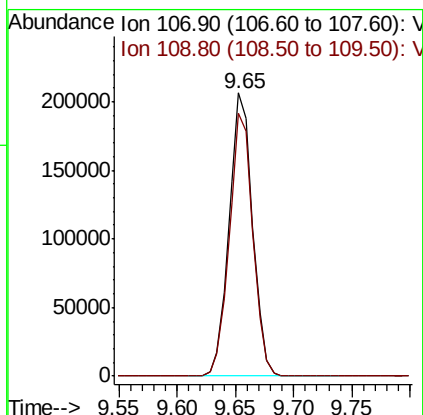
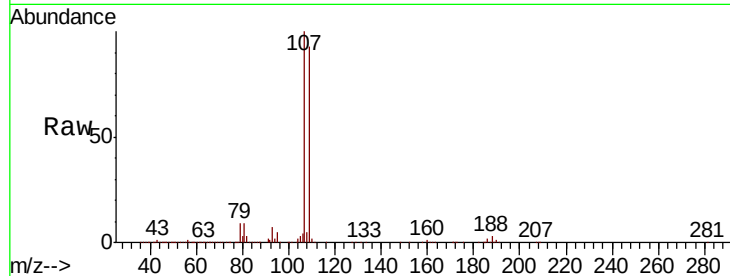




#61
 1,2-Dibromoethane
 Concen: 113.539 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

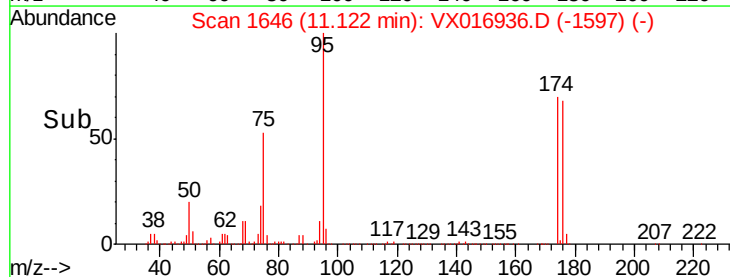
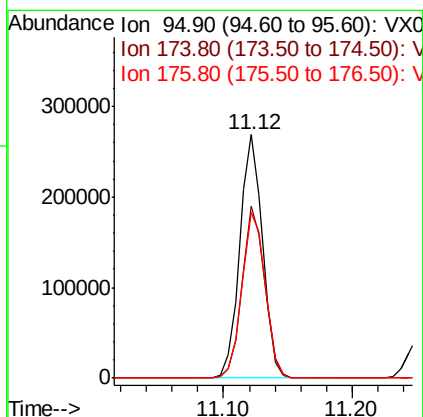
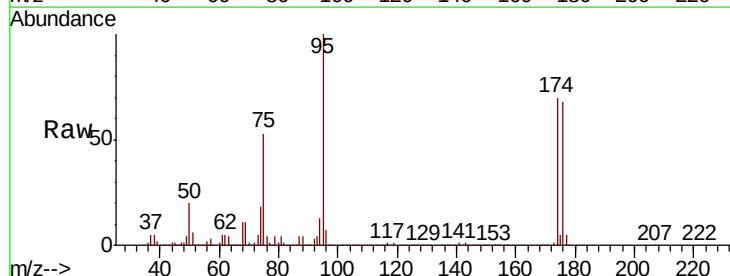
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

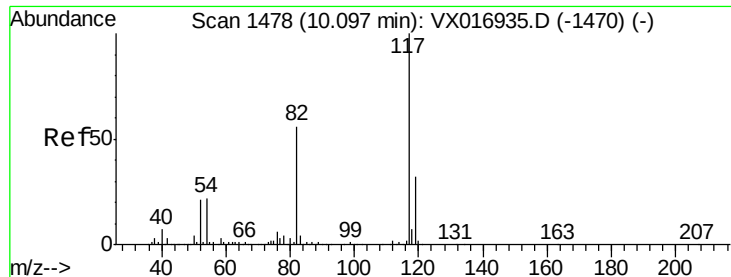
Tot Ion:107 Resp: 288546
 Ion Ratio Lower Upper
 107 100
 109 93.3 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 104.029 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

Tgt Ion: 95 Resp: 328363
 Ion Ratio Lower Upper
 95 100
 174 69.9 0.0 138.0
 176 69.1 0.0 135.4

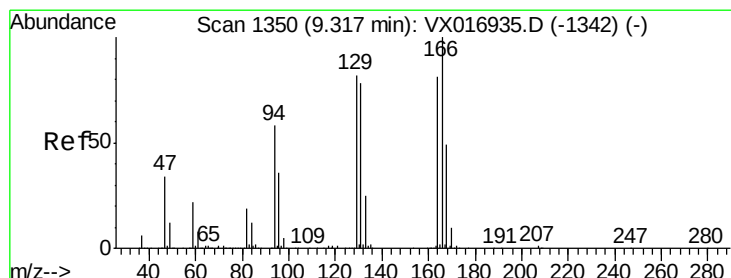
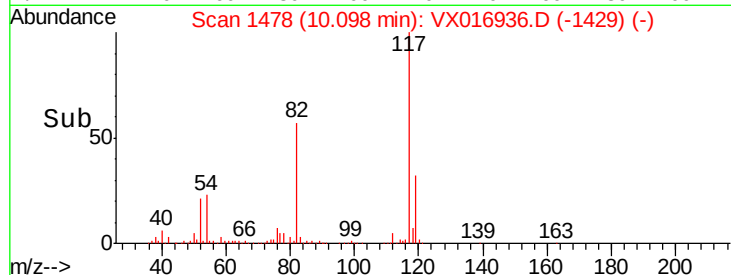
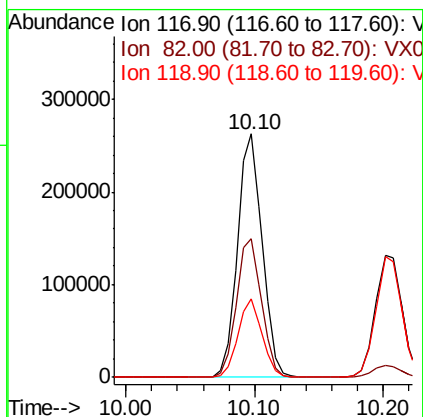
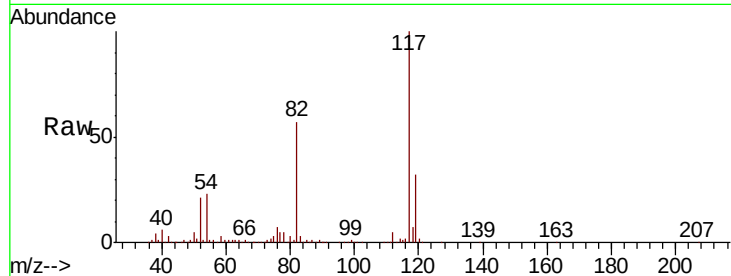




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

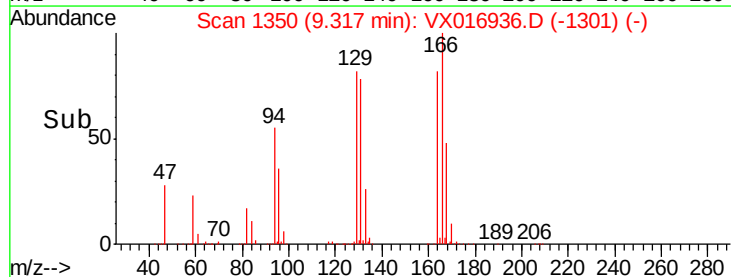
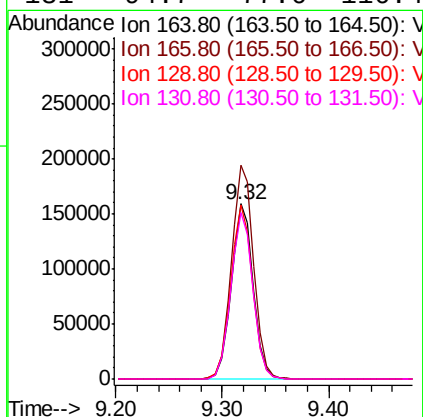
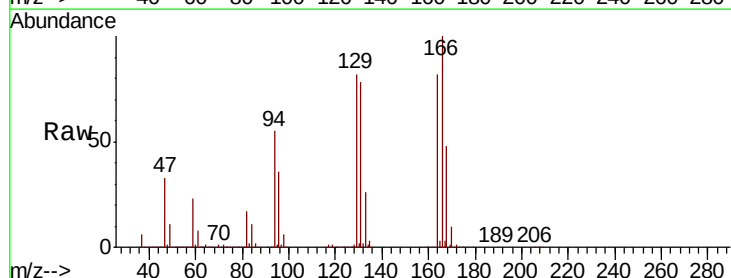
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

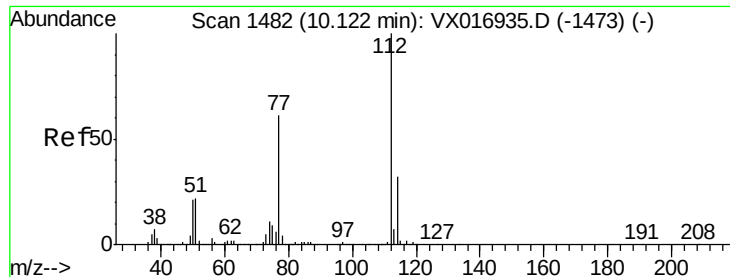
Tot Ion:117 Resp: 347522
Ion Ratio Lower Upper
117 100
82 56.8 44.7 67.1
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 95.780 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Tgt Ion:164 Resp: 225948
Ion Ratio Lower Upper
164 100
166 121.9 99.3 148.9
129 99.3 81.4 122.0
131 94.7 77.6 116.4

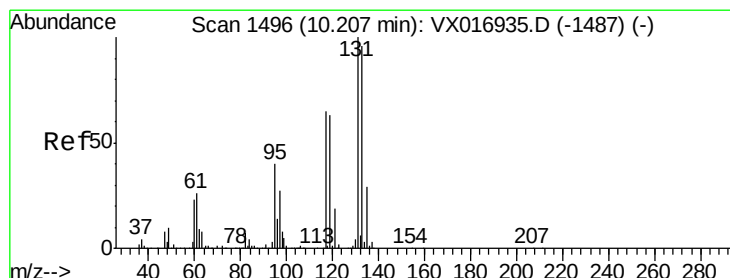
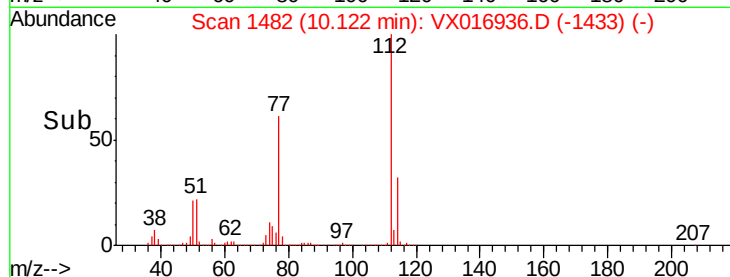
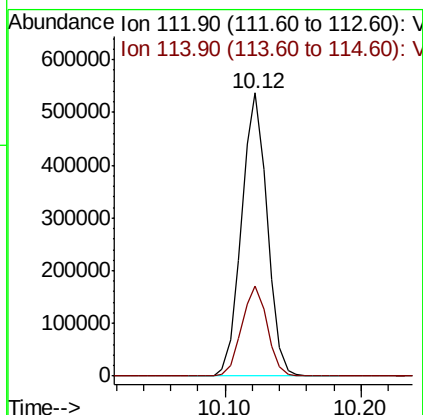
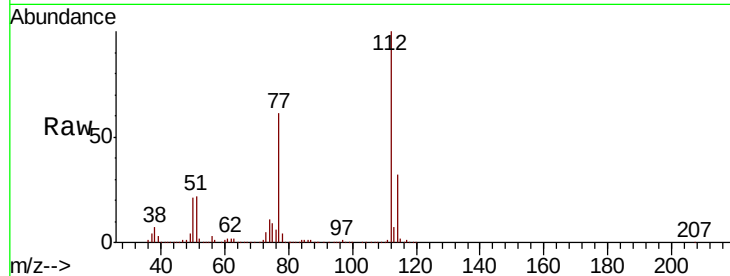




#65
Chlorobenzene
Concen: 99.174 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

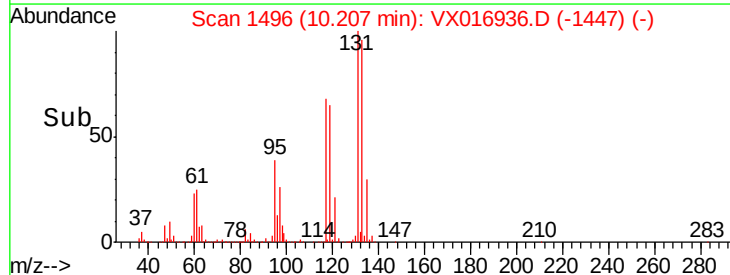
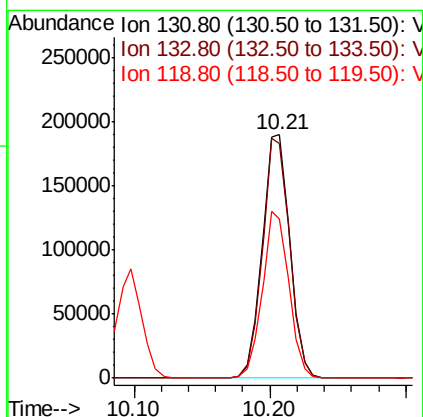
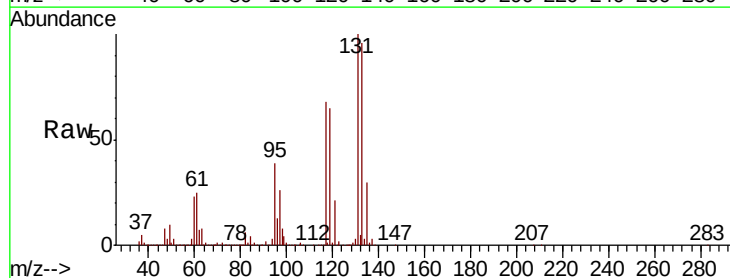
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

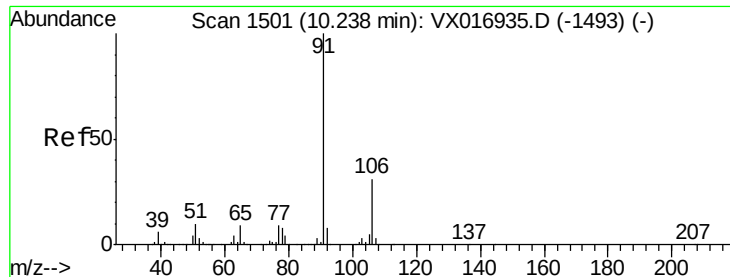
Tot Ion:112 Resp: 703975
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 98.903 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Tgt Ion:131 Resp: 271935
Ion Ratio Lower Upper
131 100
133 96.7 48.3 144.9
119 65.7 32.7 98.1





#67

Ethyl Benzene

Concen: 99.658 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

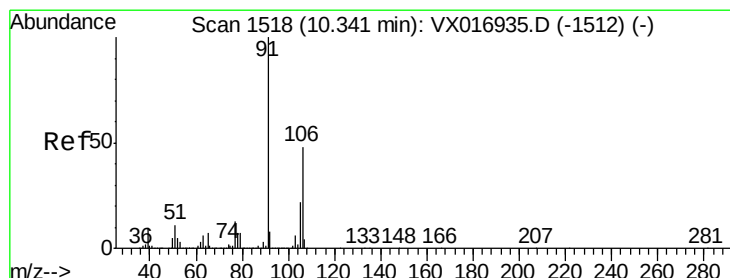
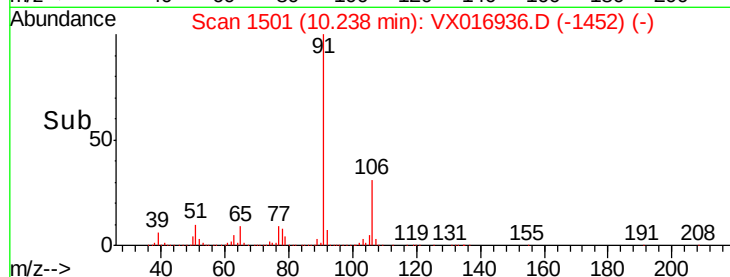
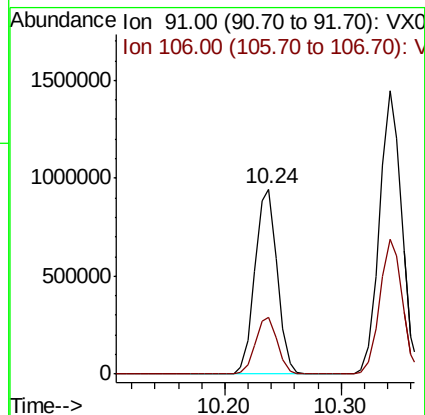
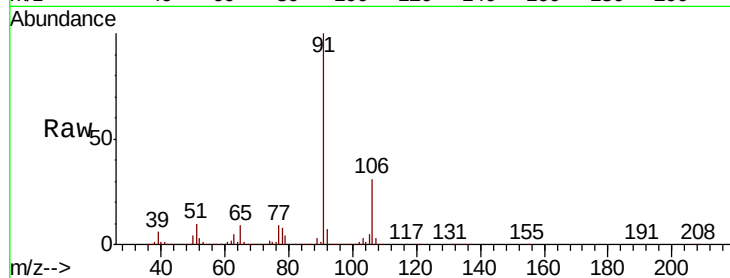
VSTDIC100

Tot Ion: 91 Resp: 1265110

Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3



#68

m/p-Xylenes

Concen: 199.487 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016936.D

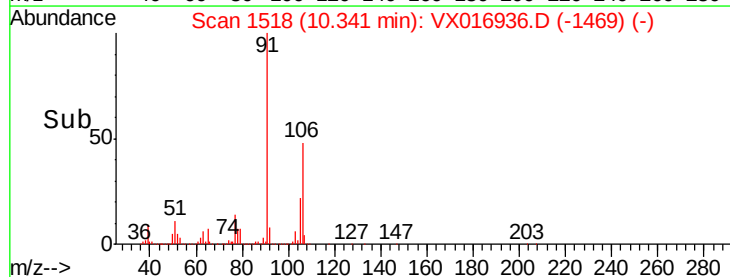
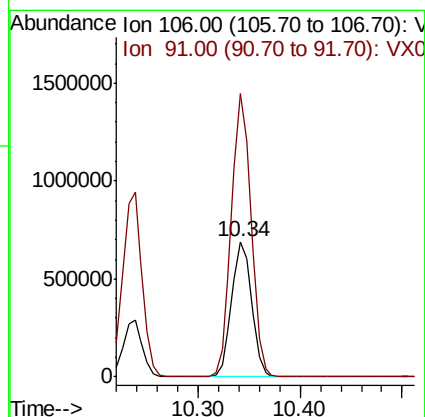
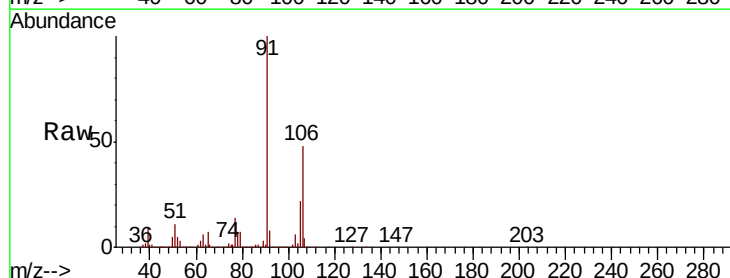
Acq: 23 Jun 2020 17:39

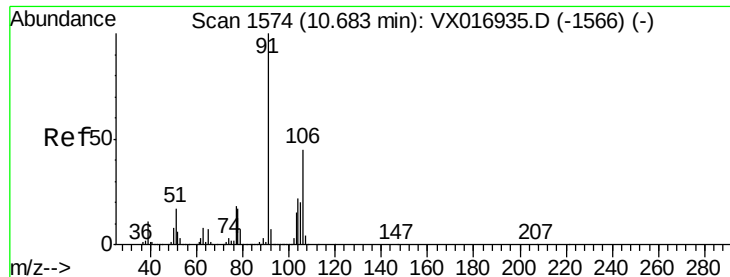
Tgt Ion: 106 Resp: 930030

Ion Ratio Lower Upper

106 100

91 207.0 166.2 249.2

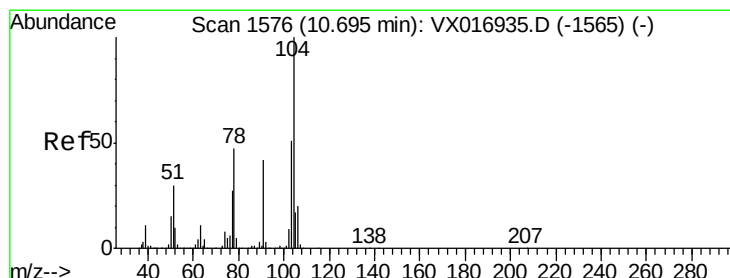
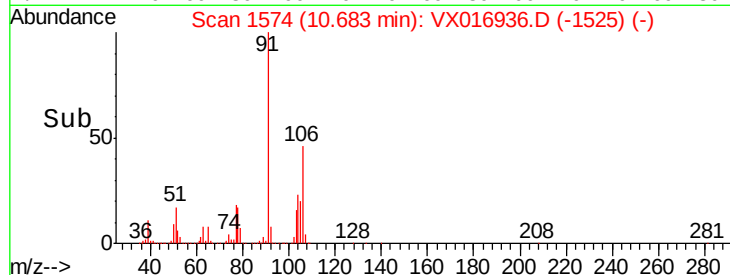
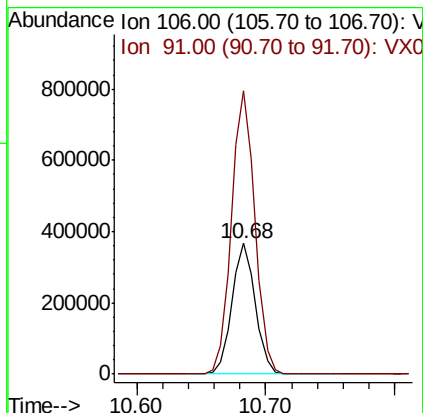
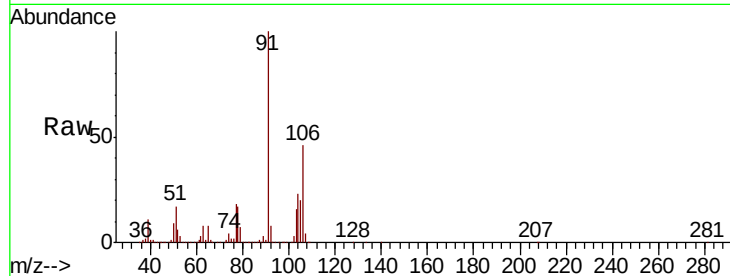




#69
o-Xylene
Concen: 104.161 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

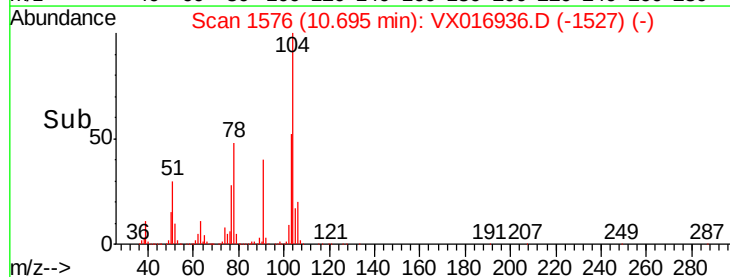
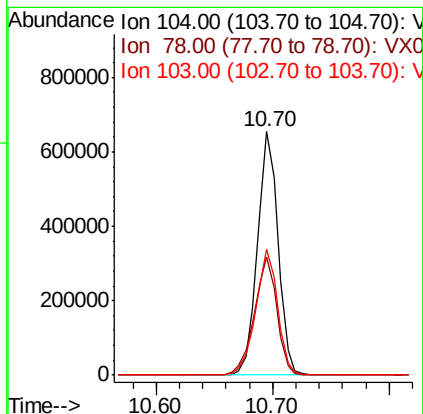
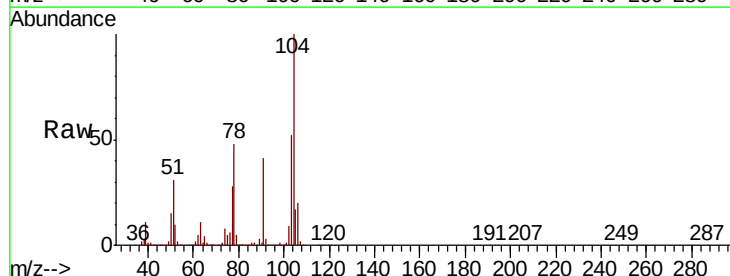
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

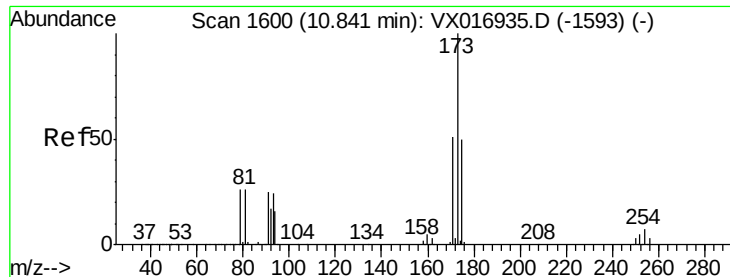
Tot Ion:106 Resp: 463874
Ion Ratio Lower Upper
106 100
91 218.5 109.8 329.4



#70
Styrene
Concen: 106.869 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Tgt Ion:104 Resp: 809994
Ion Ratio Lower Upper
104 100
78 53.0 41.6 62.4
103 54.7 42.7 64.1





#71

Bromoform

Concen: 93.431 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

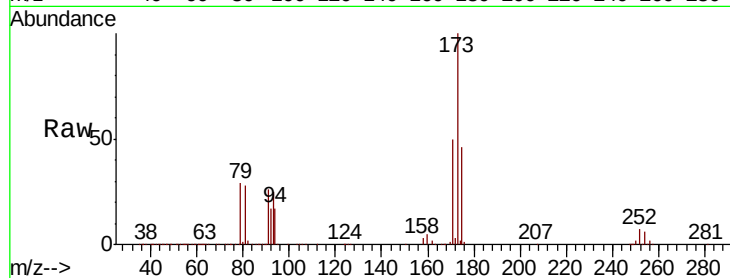
Tot Ion:173 Resp: 191026

Ion Ratio Lower Upper

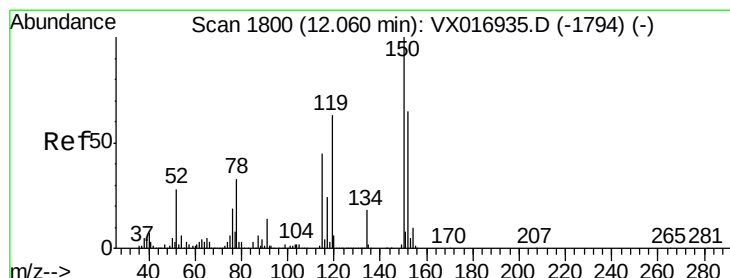
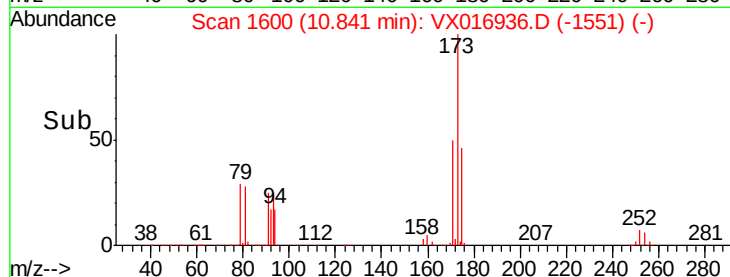
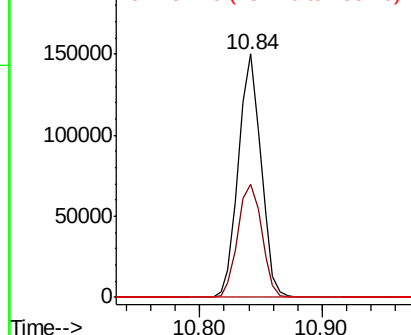
173 100

175 49.4 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: VX016936.D

Acq: 23 Jun 2020 17:39

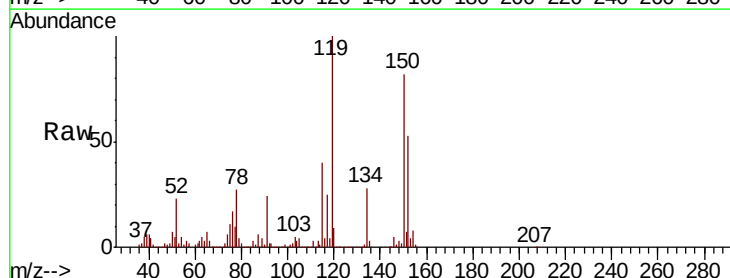
Tgt Ion:152 Resp: 153657

Ion Ratio Lower Upper

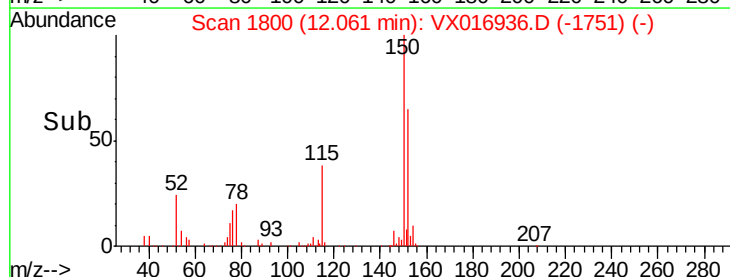
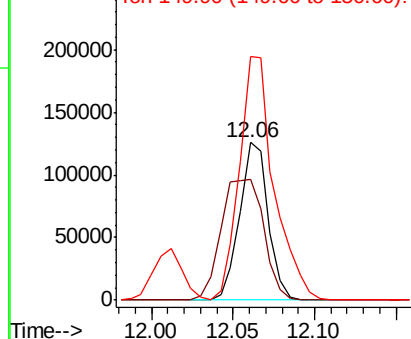
152 100

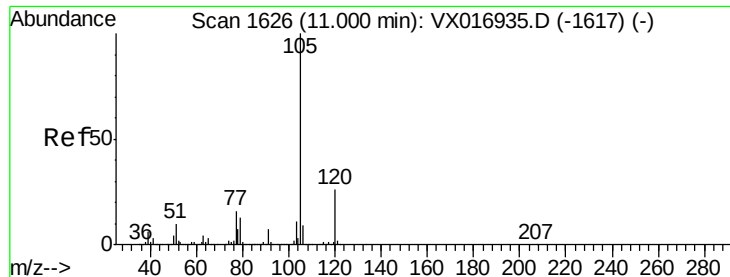
115 114.4 43.1 129.4

150 187.4 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: 99.230 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

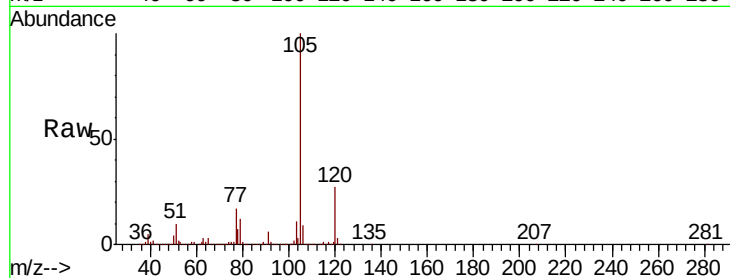
VSTDIC100

Tot Ion:105 Resp: 1131384

Ion Ratio Lower Upper

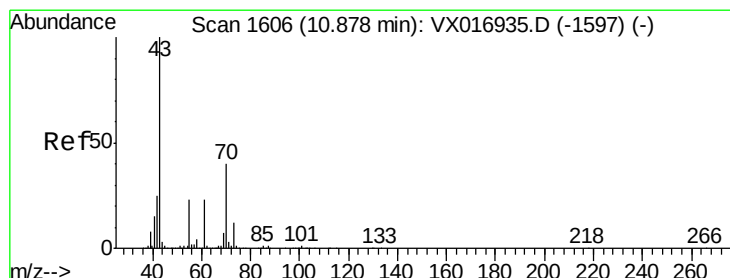
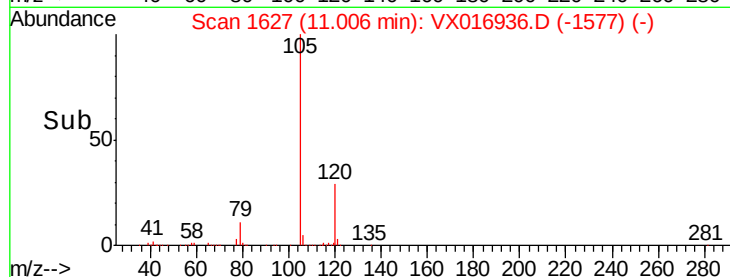
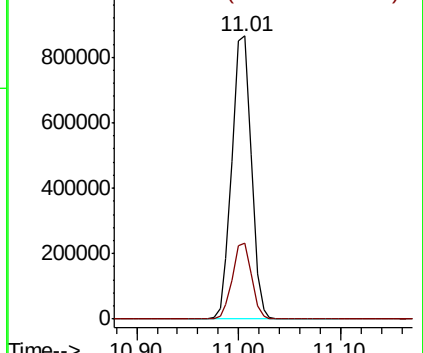
105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 105.514 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Tgt Ion: 43 Resp: 602078

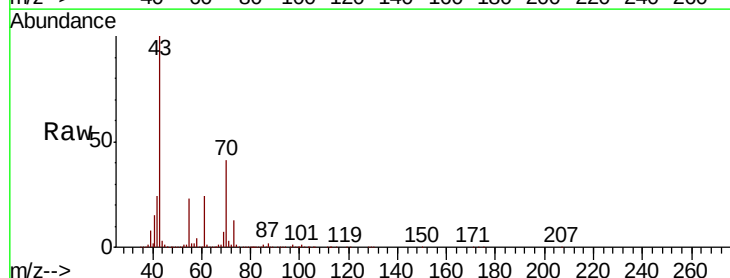
Ion Ratio Lower Upper

43 100

70 40.3 32.6 49.0

55 22.6 18.8 28.2

61 23.5 18.9 28.3

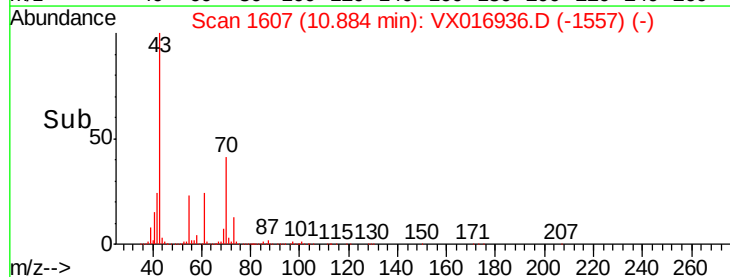
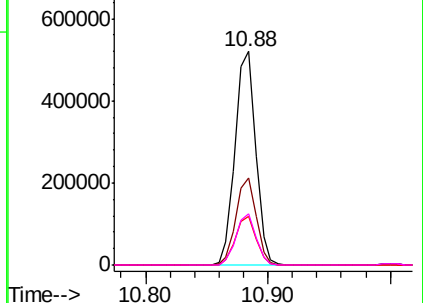


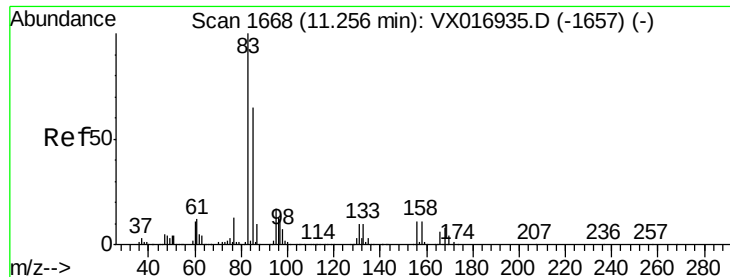
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 93.145 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

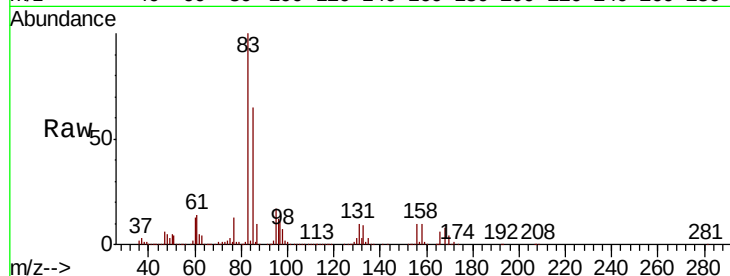
Tot Ion: 83 Resp: 355369

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.2

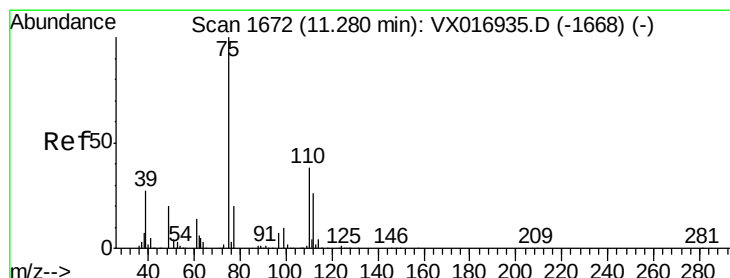
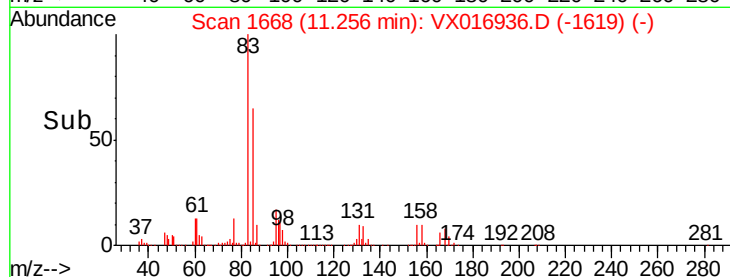
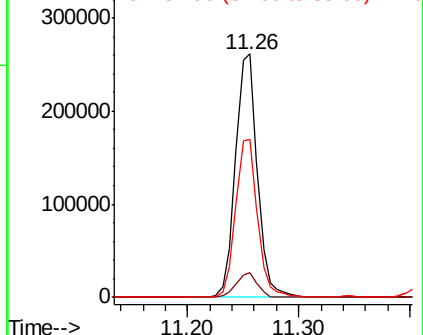
85 65.1 32.3 96.8



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: 105.621 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016936.D

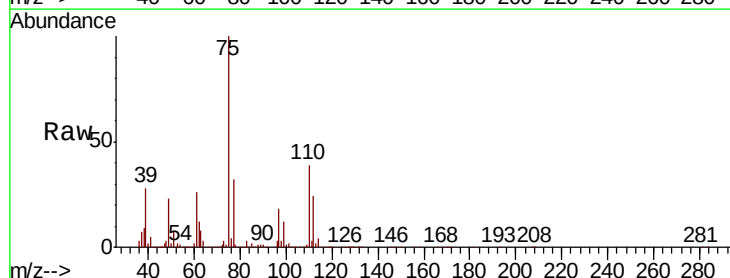
Acq: 23 Jun 2020 17:39

Tgt Ion: 75 Resp: 464643

Ion Ratio Lower Upper

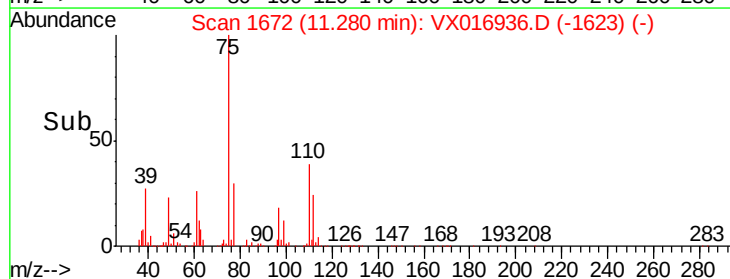
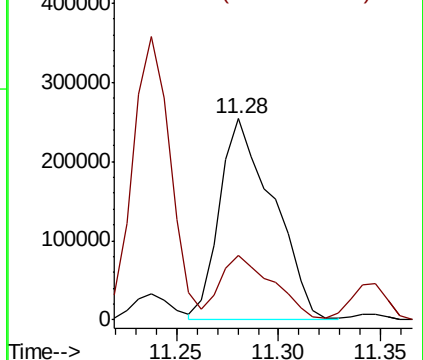
75 100

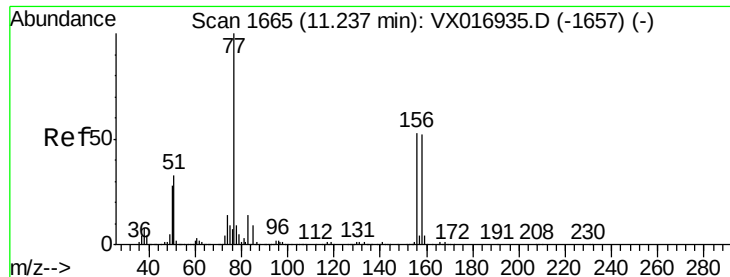
77 31.5 20.1 60.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 93.487 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

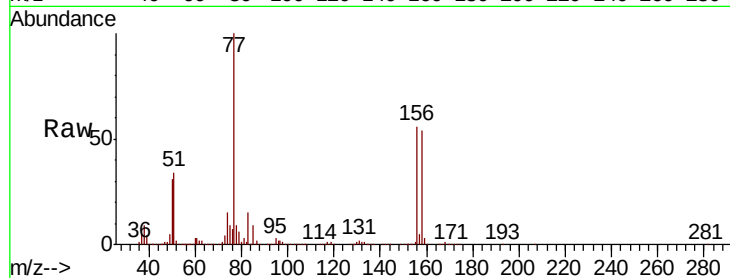
Tot Ion:156 Resp: 261702

Ion Ratio Lower Upper

156 100

77 175.4 91.0 273.1

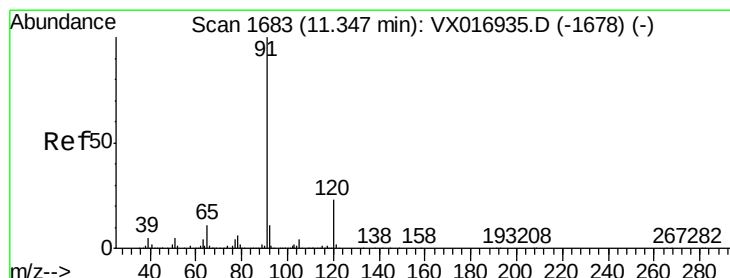
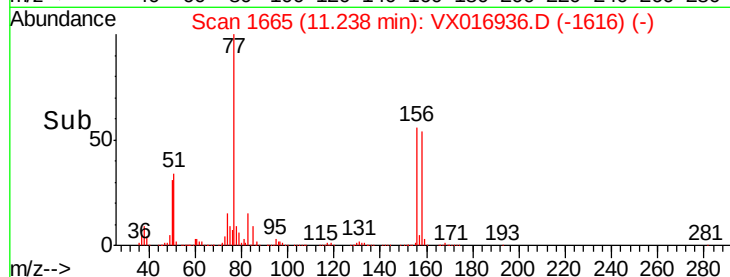
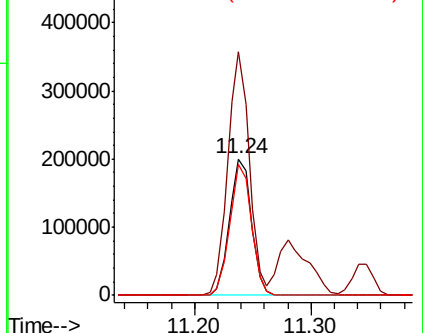
158 95.0 48.4 145.3



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: 106.464 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX016936.D

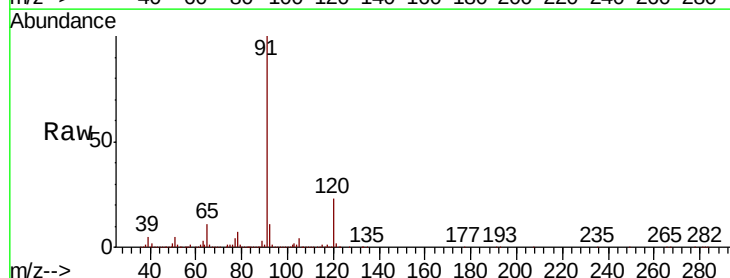
Acq: 23 Jun 2020 17:39

Tgt Ion: 91 Resp: 1383878

Ion Ratio Lower Upper

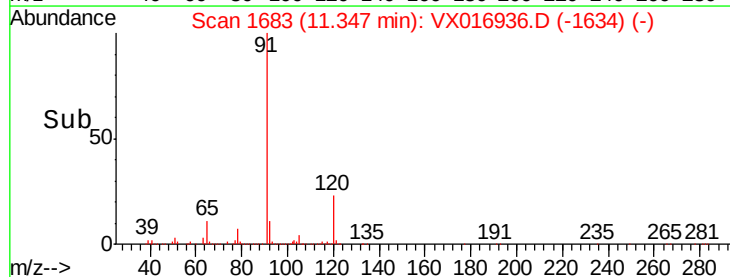
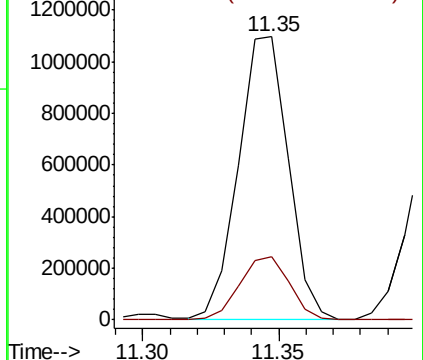
91 100

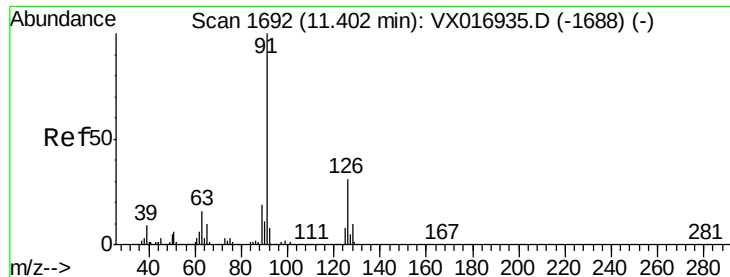
120 22.6 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

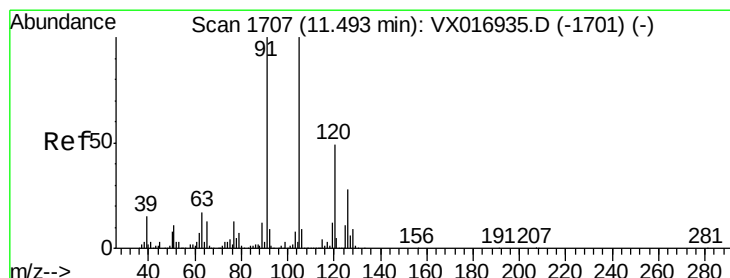
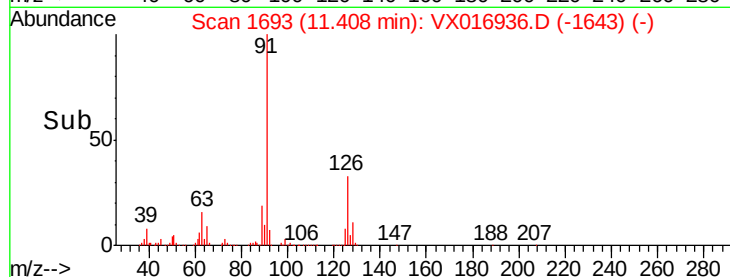
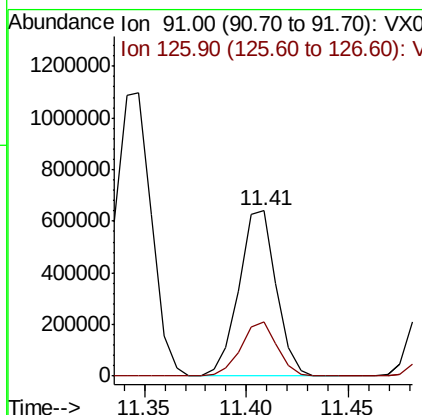
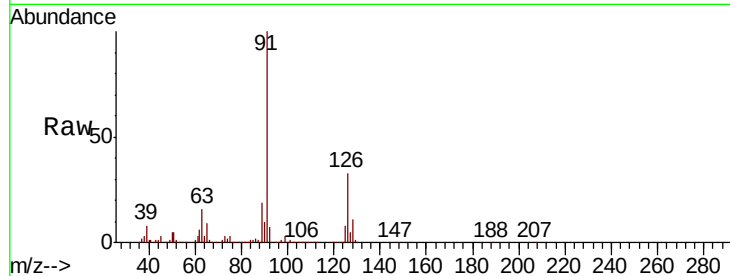




#79
 2-Chlorotoluene
 Concen: 98.807 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

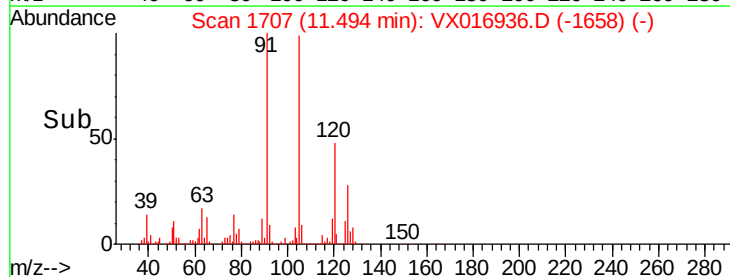
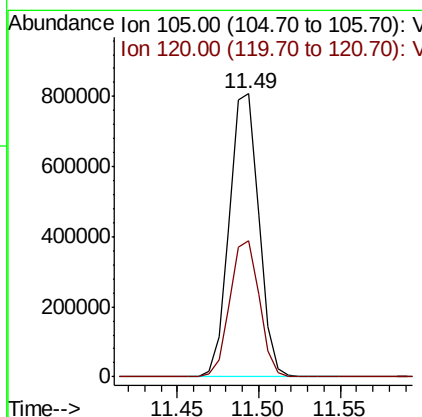
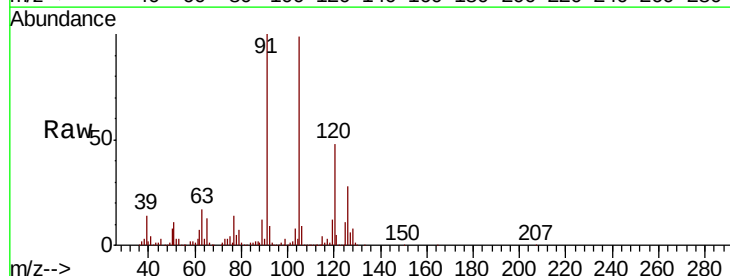
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

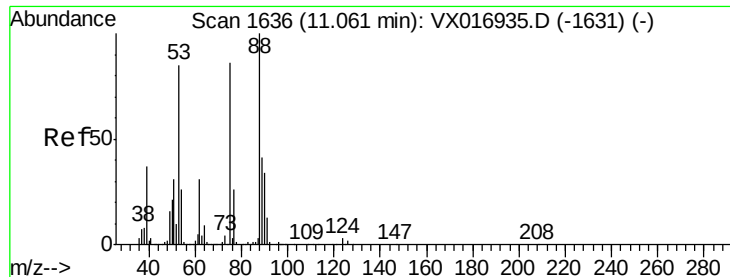
Tot Ion: 91 Resp: 813213
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 105.644 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

Tgt Ion: 105 Resp: 1014454
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 101.060 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

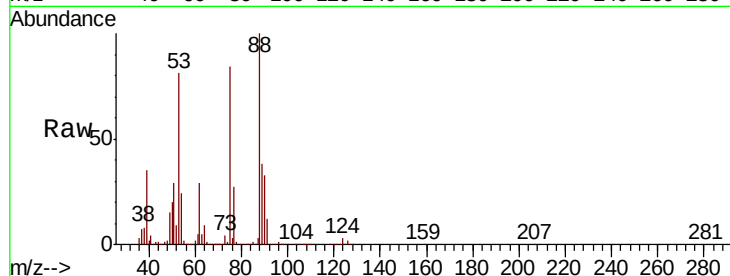
Tot Ion: 75 Resp: 149361

Ion Ratio Lower Upper

75 100

53 99.2 78.9 118.3

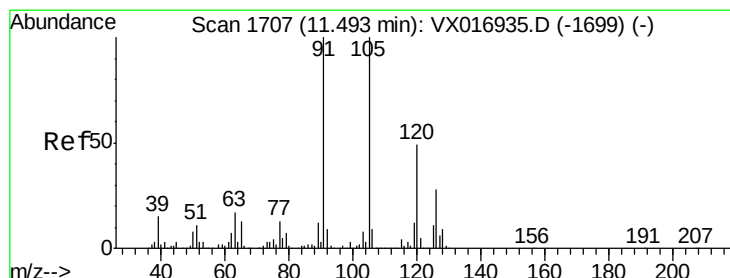
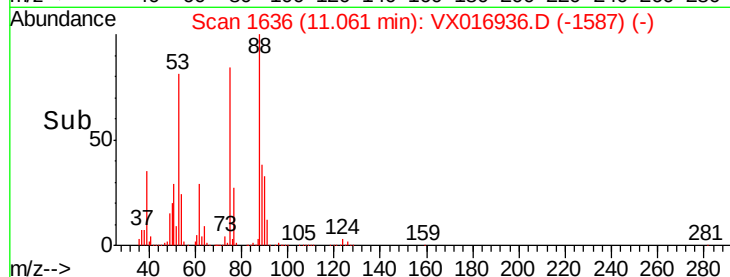
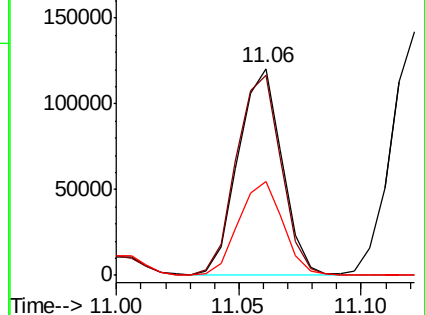
89 46.3 37.0 55.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 102.591 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016936.D

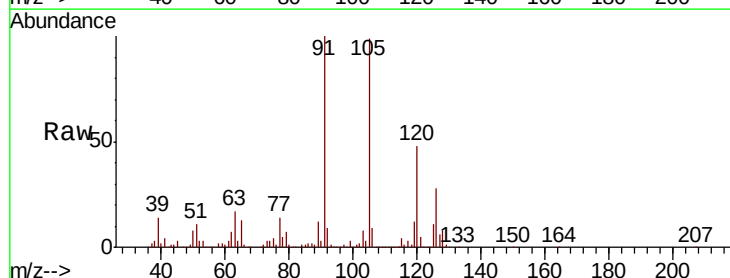
Acq: 23 Jun 2020 17:39

Tgt Ion: 91 Resp: 1010764

Ion Ratio Lower Upper

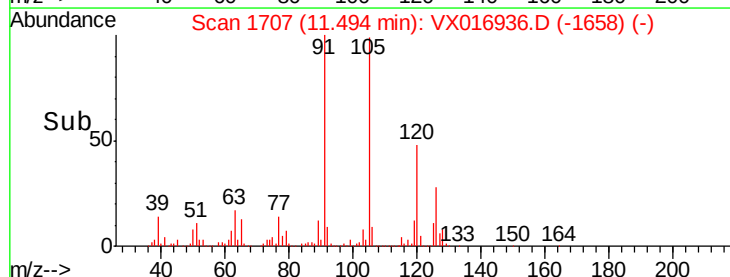
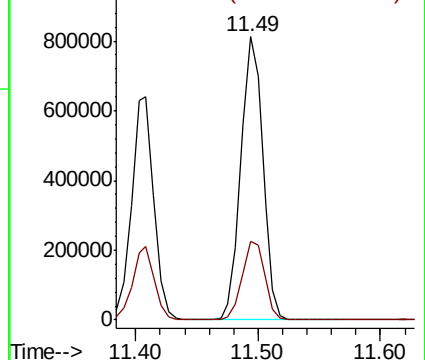
91 100

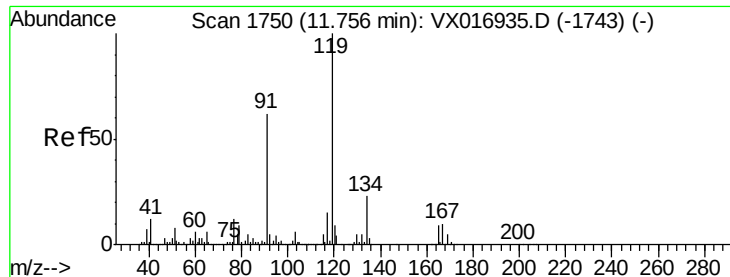
126 28.4 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 111.169 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

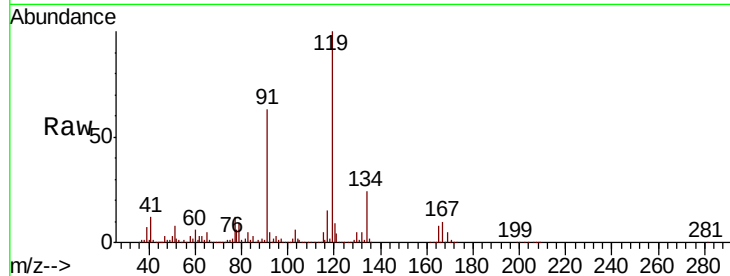
Tot Ion:119 Resp: 1045161

Ion Ratio Lower Upper

119 100

91 60.2 30.3 90.9

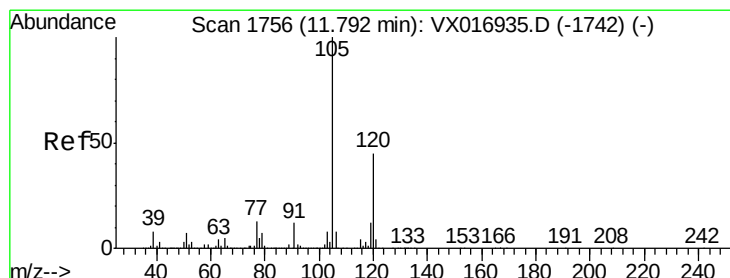
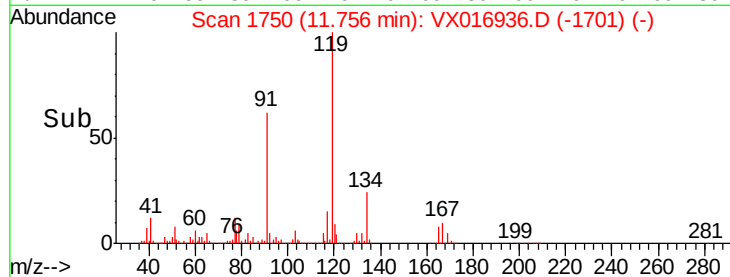
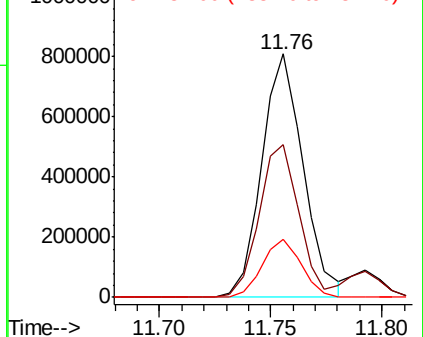
134 22.8 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 97.623 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016936.D

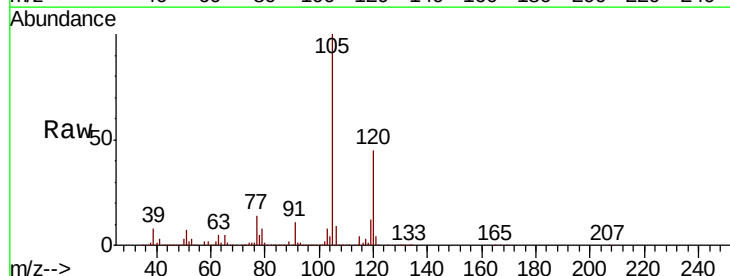
Acq: 23 Jun 2020 17:39

Tgt Ion:105 Resp: 931334

Ion Ratio Lower Upper

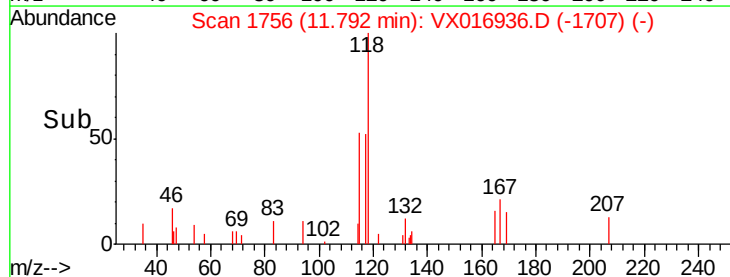
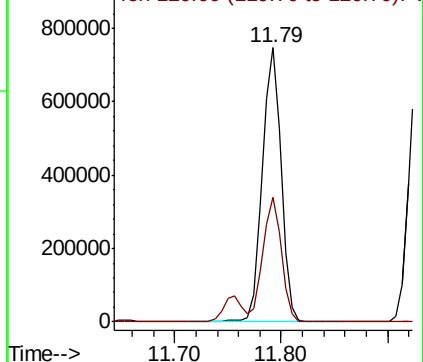
105 100

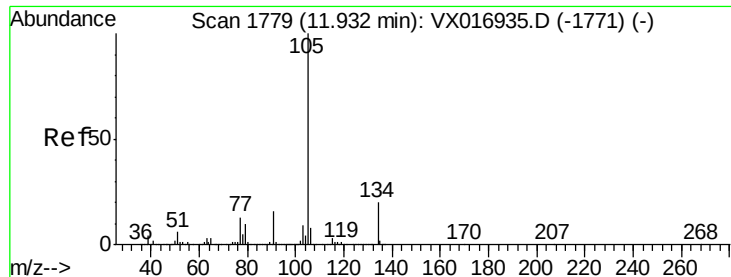
120 44.8 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 99.523 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

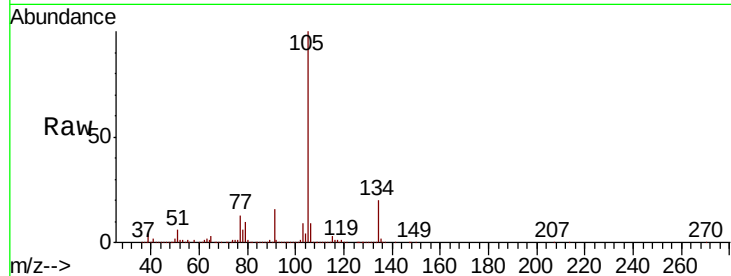
VSTDIC100

Tot Ion:105 Resp: 1055520

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

800000

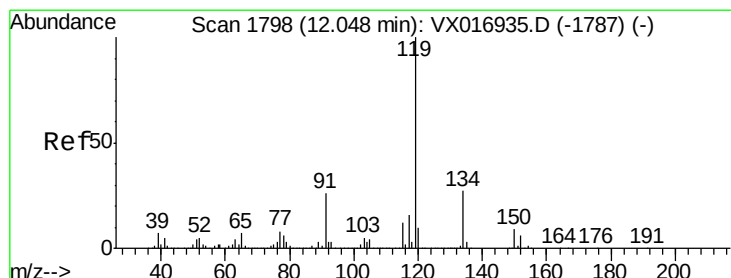
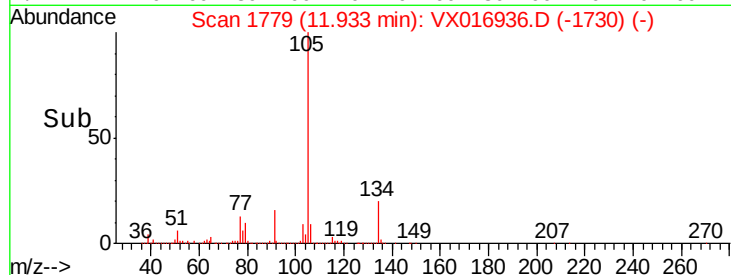
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 105.854 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

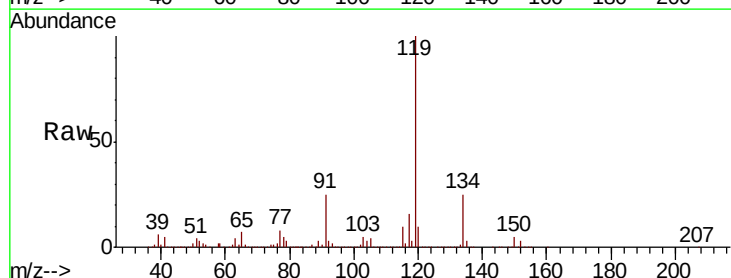
Tgt Ion:119 Resp: 1039068

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

91 25.6 12.6 37.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

1200000

1000000

800000

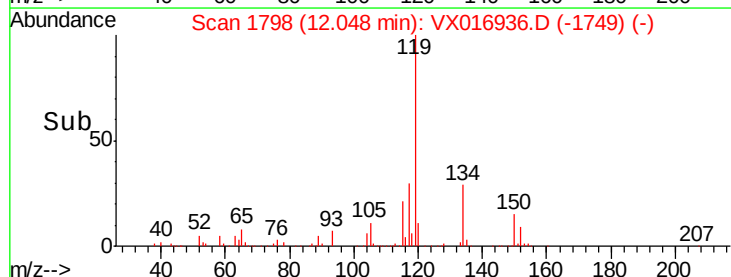
600000

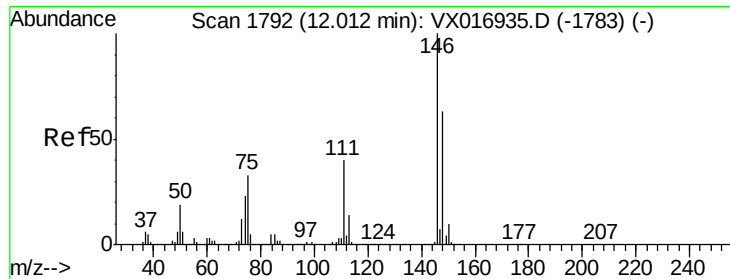
400000

200000

0

Time-->

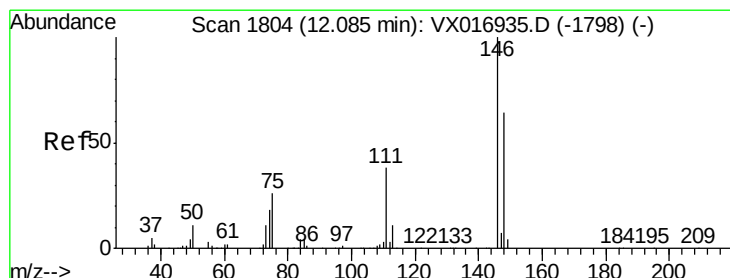
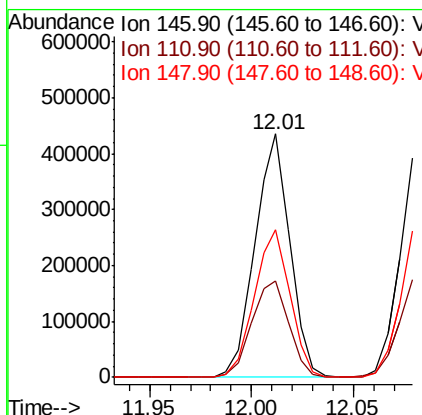
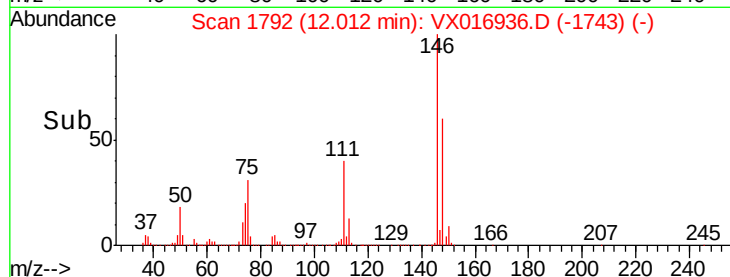
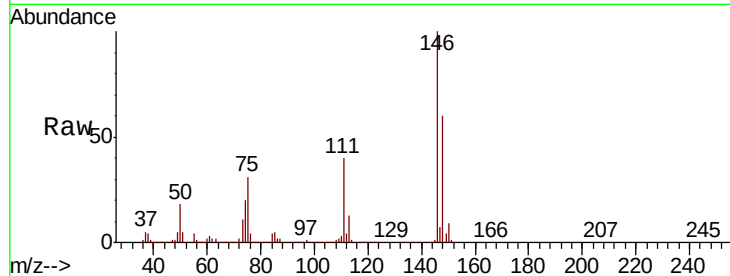




#87
 1,3-Dichlorobenzene
 Concen: 102.707 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

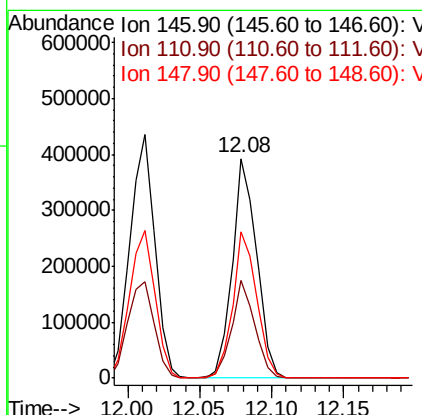
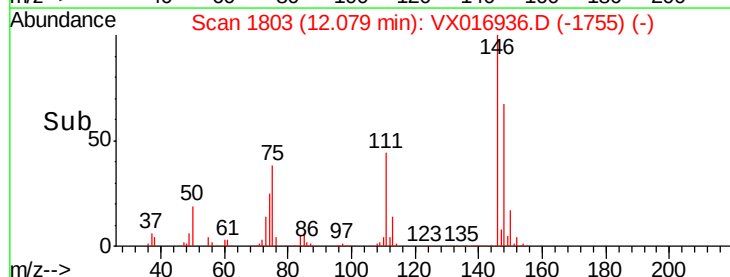
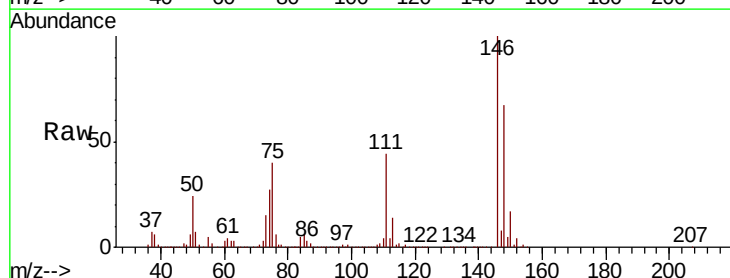
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

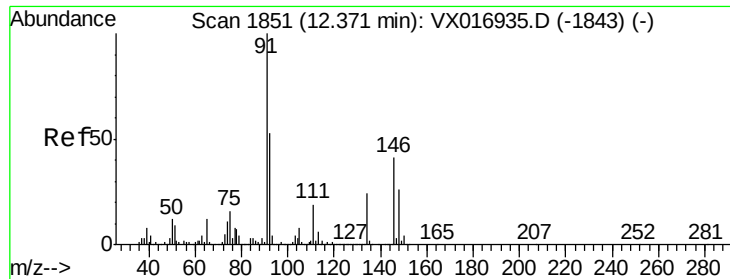
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.8	62.5
148	62.2	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 92.313 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.3	61.0
148	65.7	31.8	95.3

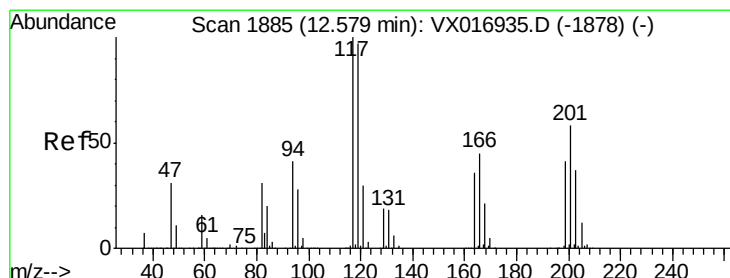
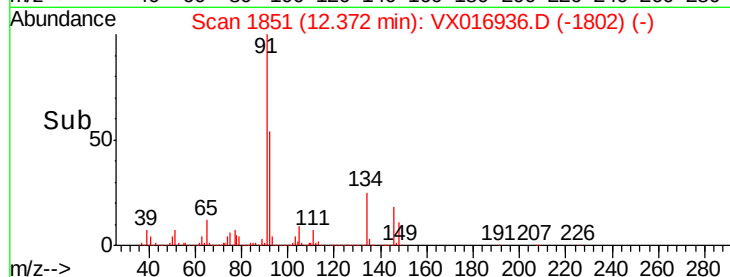
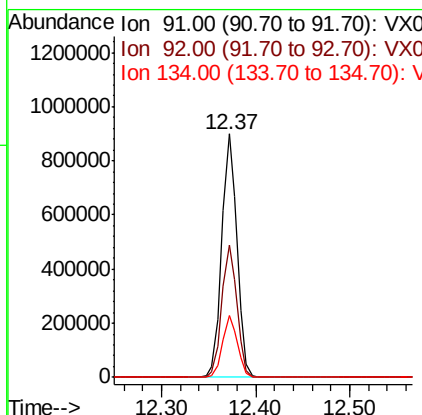
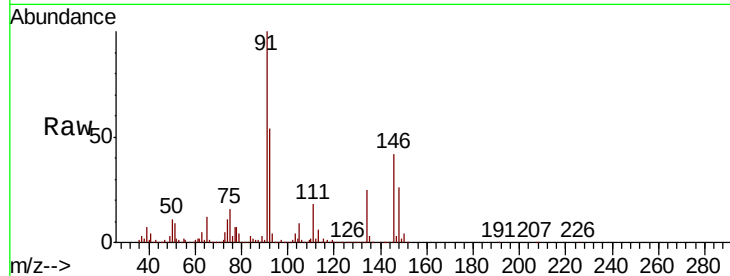




#89
n-Butylbenzene
Concen: 108.208 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

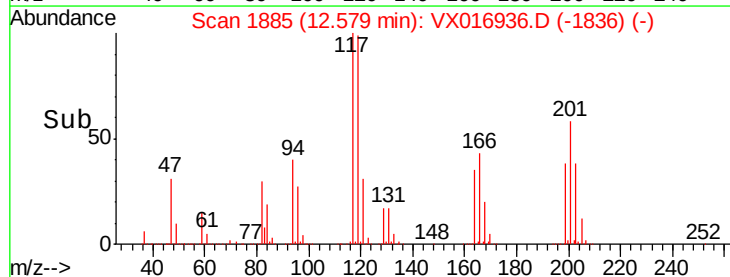
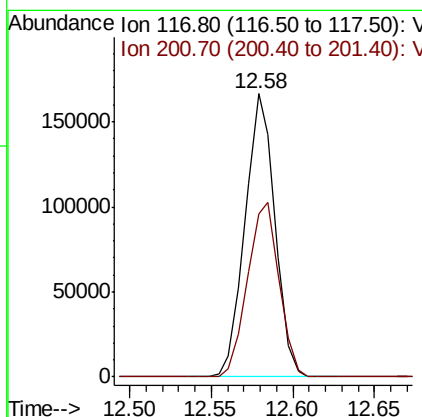
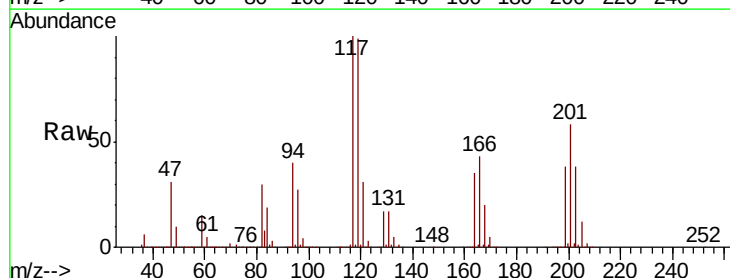
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

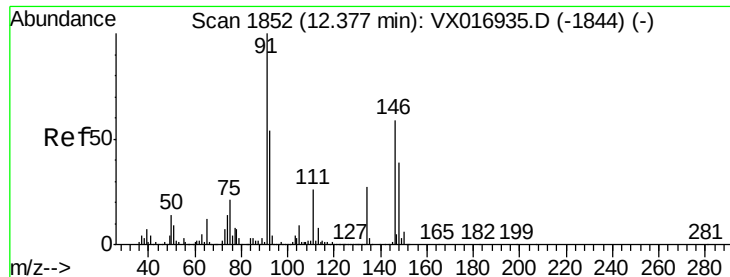
Tot Ion: 91 Resp: 1005699
Ion Ratio Lower Upper
91 100
92 54.0 26.8 80.3
134 24.9 12.3 36.8



#90
Hexachloroethane
Concen: 110.386 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016936.D
Acq: 23 Jun 2020 17:39

Tgt Ion: 117 Resp: 212856
Ion Ratio Lower Upper
117 100
201 65.3 31.1 93.5





#91

1,2-Dichlorobenzene

Concen: 105.436 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

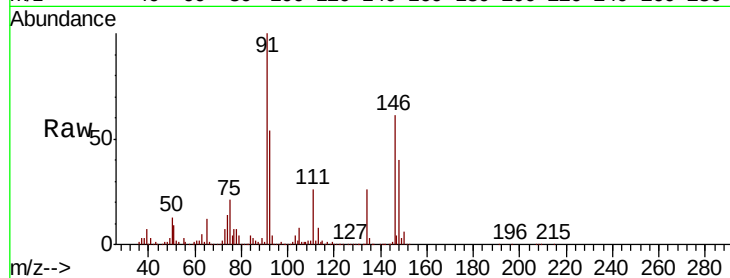
Tot Ion:146 Resp: 511513

Ion Ratio Lower Upper

146 100

111 43.7 22.0 66.0

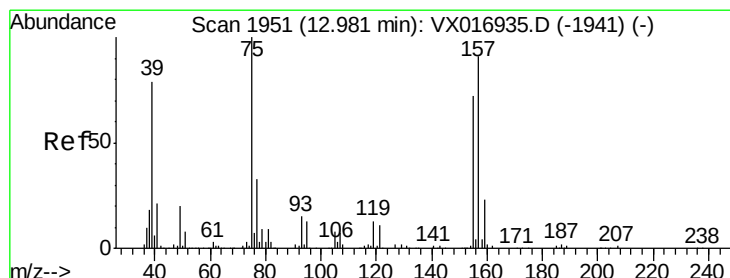
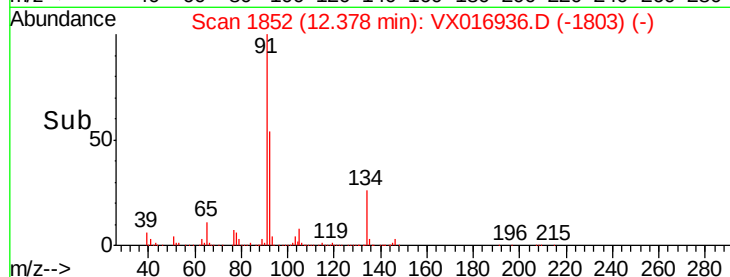
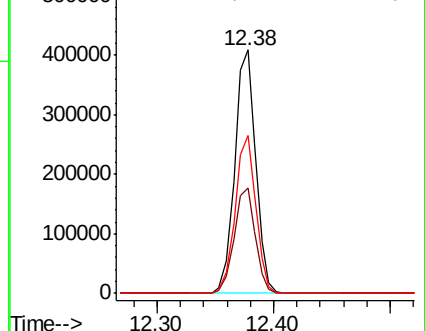
148 64.0 32.1 96.5



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: 100.518 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

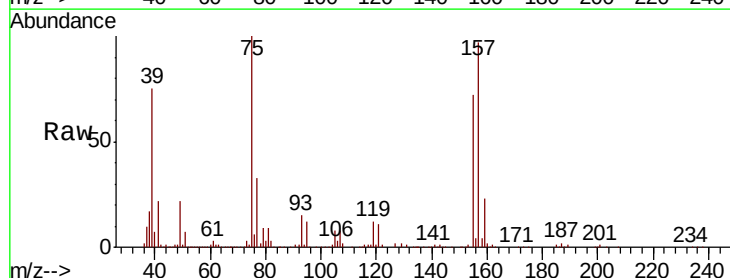
Tgt Ion: 75 Resp: 98447

Ion Ratio Lower Upper

75 100

155 74.4 36.1 108.5

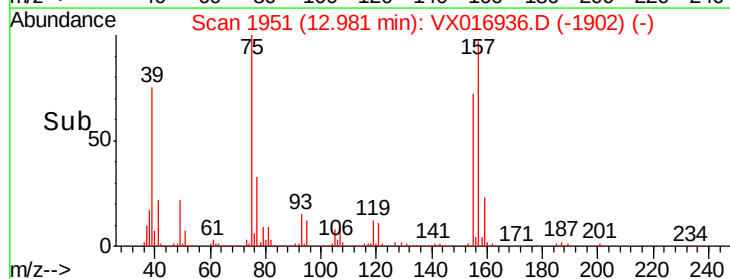
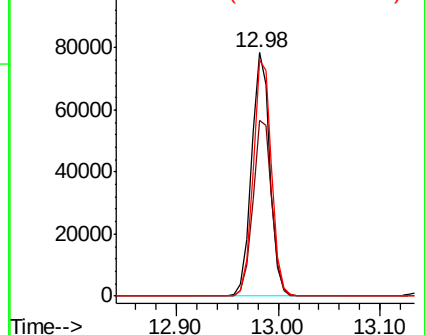
157 97.3 46.6 139.8

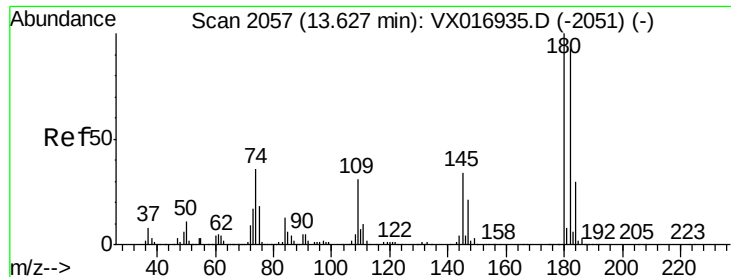


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

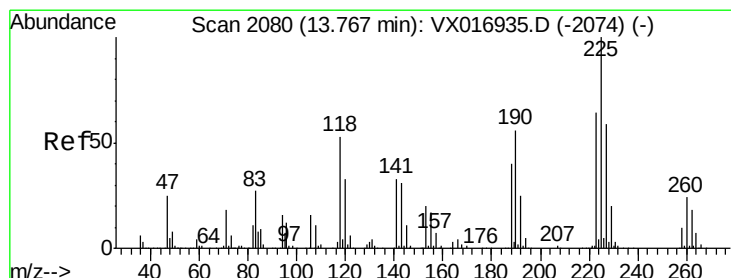
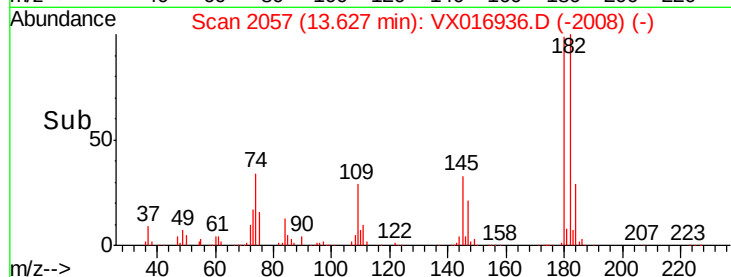
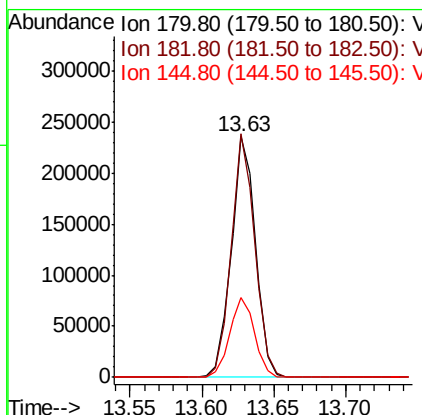
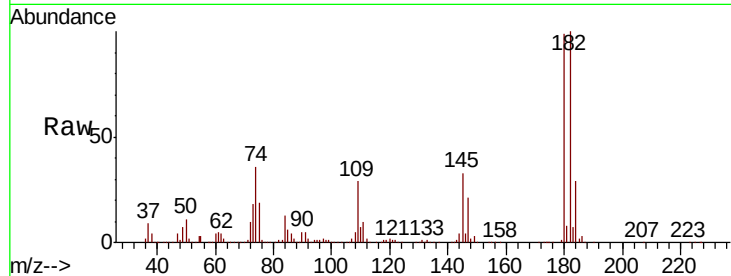




#93
 1,2,4-Trichlorobenzene
 Concen: 88.157 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

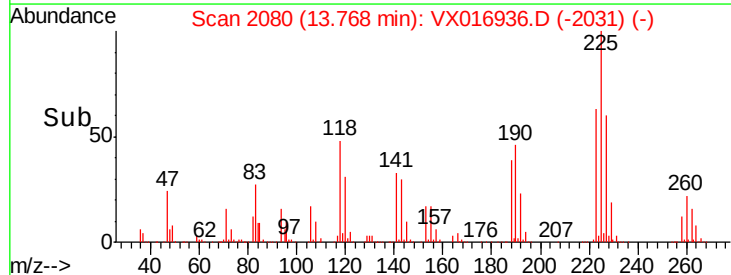
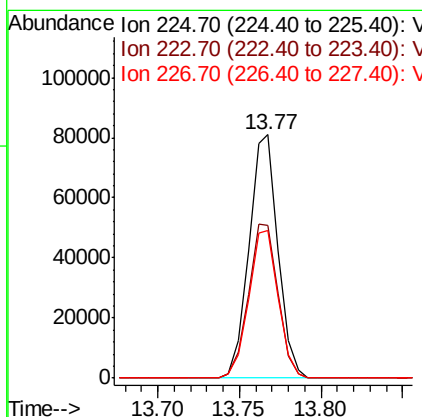
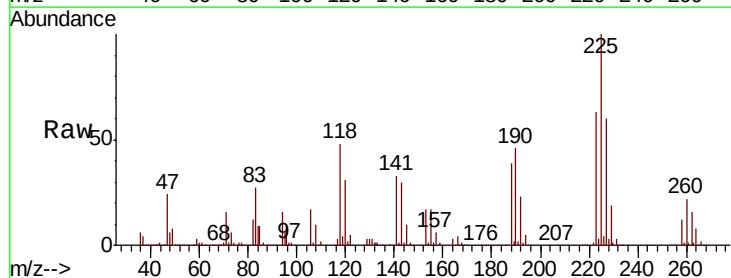
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

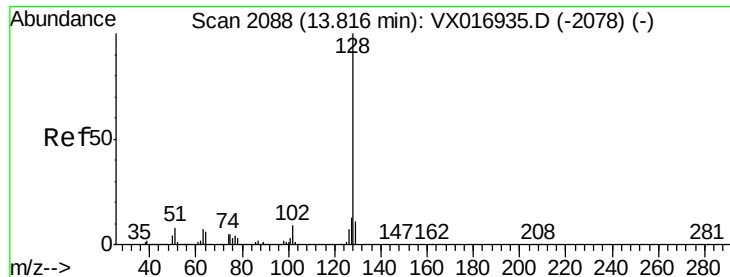
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.3	142.0
145	33.7	16.4	49.2



#94
 Hexachlorobutadiene
 Concen: 90.585 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016936.D
 Acq: 23 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.5	97.4
227	61.9	29.3	88.0





#95

Naphthalene

Concen: 95.147 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

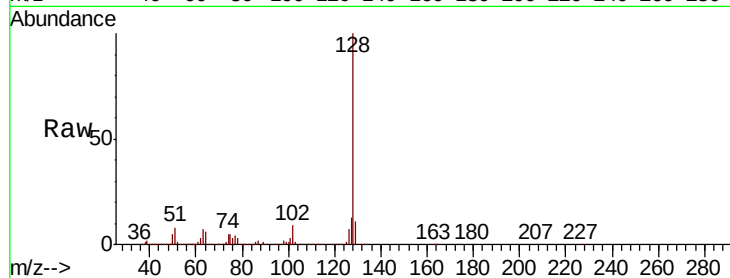
Tot Ion:128 Resp: 1024648

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

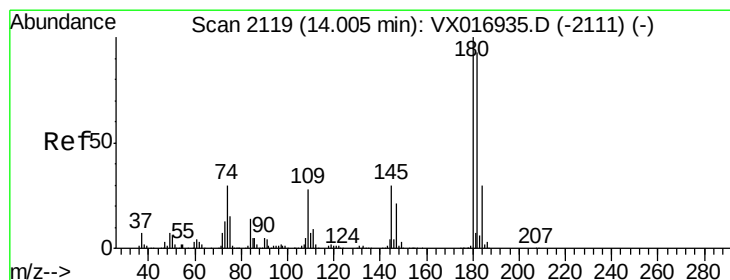
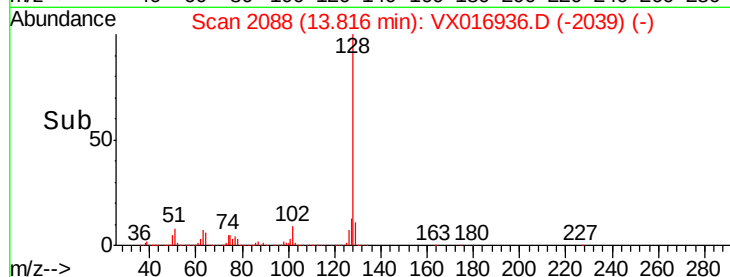
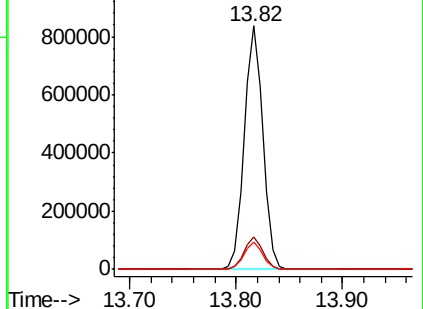
129 10.9 8.7 13.1



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: 89.829 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016936.D

Acq: 23 Jun 2020 17:39

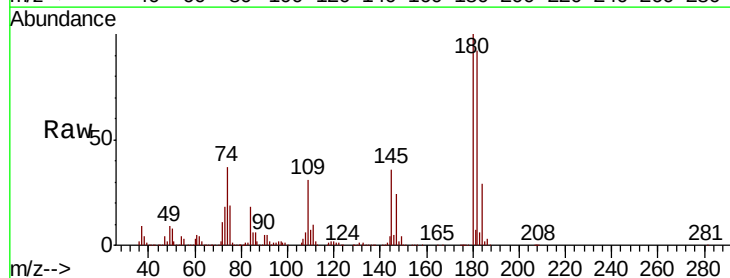
Tgt Ion:180 Resp: 275376

Ion Ratio Lower Upper

180 100

182 94.2 47.4 142.3

145 35.3 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

