

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060820\
 Data File : VX016636.D
 Acq On : 08 Jun 2020 14:21
 Operator : JC/SP
 Sample : L2926-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Quant Time: Jun 09 05:44:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	216264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	332047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	316032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	163503	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	127126	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	5.46	113	102822	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	8.70	98	382545	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.12	95	149813	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.18	85	99224	46.62	ug/l	97
3) Chloromethane	1.31	50	109375	42.53	ug/l	100
4) Vinyl Chloride	1.39	62	123044	45.24	ug/l	99
5) Bromomethane	1.62	94	63931	48.34	ug/l	97
6) Chloroethane	1.70	64	76878	48.45	ug/l	100
7) Trichlorofluoromethane	1.91	101	189748	53.12	ug/l	99
8) Diethyl Ether	2.17	74	72771	48.86	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	101420	51.59	ug/l	96
10) Methyl Iodide	2.49	142	108673	46.50	ug/l	99
11) Tert butyl alcohol	3.02	59	158314	229.87	ug/l	99
12) 1,1-Dichloroethene	2.36	96	105089	50.50	ug/l	98
13) Acrolein	2.27	56	81588	278.49	ug/l	96
14) Allyl chloride	2.70	41	168710	44.08	ug/l	96
15) Acrylonitrile	3.12	53	327092	231.85	ug/l	99
16) Acetone	2.42	43	291362	247.61	ug/l	98
17) Carbon Disulfide	2.55	76	267017	43.21	ug/l	100
18) Methyl Acetate	2.75	43	141609	46.92	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	377219	50.48	ug/l	96
20) Methylene Chloride	2.83	84	117937	48.44	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	112088	48.70	ug/l	94
22) Diisopropyl ether	3.82	45	332198	45.19	ug/l	96
23) Vinyl Acetate	3.78	43	1429949	222.22	ug/l	97
24) 1,1-Dichloroethane	3.67	63	206363	49.73	ug/l	99
25) 2-Butanone	4.64	43	441948	221.66	ug/l	94
26) 2,2-Dichloropropane	4.55	77	179376	52.83	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	129189	48.52	ug/l	98
28) Bromochloromethane	4.98	49	78016	40.46	ug/l	84
29) Tetrahydrofuran	5.09	42	293140	227.57	ug/l	94
30) Chloroform	5.18	83	212416	50.81	ug/l	99
31) Cyclohexane	5.55	56	159717	42.79	ug/l	92
32) 1,1,1-Trichloroethane	5.46	97	197064	52.06	ug/l	98
36) 1,1-Dichloropropene	5.77	75	151171	48.08	ug/l	98
37) Ethyl Acetate	4.79	43	161984	42.92	ug/l	97
38) Carbon Tetrachloride	5.76	117	177145	53.62	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	160907	47.12	ug/l	97
40) Benzene	6.12	78	462431	49.39	ug/l	99
41) Methacrylonitrile	5.00	41	91009	43.90	ug/l	96
42) 1,2-Dichloroethane	6.17	62	166400	49.98	ug/l	99
43) Isopropyl Acetate	6.42	43	258353	43.88	ug/l	97
44) Trichloroethene	7.19	130	146623	49.36	ug/l	97
45) 1,2-Dichloropropane	7.49	63	114025	47.84	ug/l	99
46) Dibromomethane	7.64	93	80874	50.52	ug/l	96
47) Bromodichloromethane	7.88	83	169988	51.28	ug/l	99
48) Methyl methacrylate	7.74	41	128311	45.52	ug/l	96
49) 1,4-Dioxane	7.71	88	60781	921.34	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	841865	229.65	ug/l	97
52) Toluene	8.77	92	299205	50.68	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	193942	51.45	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	198932	49.86	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	121447	51.74	ug/l	98
56) Ethyl methacrylate	9.16	69	190012	49.70	ug/l	96
57) 1,3-Dichloropropane	9.35	76	201984	50.13	ug/l	99
59) 2-Hexanone	9.48	43	656390	230.25	ug/l	97
60) Dibromochloromethane	9.57	129	143857	54.46	ug/l	99
61) 1,2-Dibromoethane	9.65	107	130140	51.77	ug/l	100
64) Tetrachloroethene	9.32	164	173270	49.01	ug/l	98
65) Chlorobenzene	10.12	112	322970	50.13	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	131103	53.31	ug/l	99
67) Ethyl Benzene	10.23	91	561921	48.98	ug/l	99
68) m/p-Xylenes	10.34	106	431329	101.41	ug/l	100
69) o-Xylene	10.68	106	208621	50.65	ug/l	97
70) Styrene	10.70	104	365115	51.57	ug/l	100
71) Bromoform	10.84	173	113634	54.67	ug/l #	99
73) Isopropylbenzene	11.00	105	563730	49.76	ug/l	98
74) N-amyl acetate	10.88	43	216285	41.51	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	145118	51.11	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	228333	63.53	ug/l	83
77) Bromobenzene	11.24	156	150746	50.73	ug/l	94
78) n-propylbenzene	11.34	91	608439	48.07	ug/l	98
79) 2-Chlorotoluene	11.40	91	381604	49.39	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	473234	50.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	68340	46.78	ug/l	98
82) 4-Chlorotoluene	11.49	91	445218	48.80	ug/l	99
83) tert-Butylbenzene	11.76	119	416992	51.59	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	479728	50.15	ug/l	99
85) sec-Butylbenzene	11.93	105	497108	49.03	ug/l	99
86) p-Isopropyltoluene	12.05	119	488085	51.39	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	255419	49.62	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	263628	50.07	ug/l	100
89) n-Butylbenzene	12.37	91	385386	48.71	ug/l	98
90) Hexachloroethane	12.58	117	84163	51.30	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	253664	50.86	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43499	47.30	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	170170	51.37	ug/l	99

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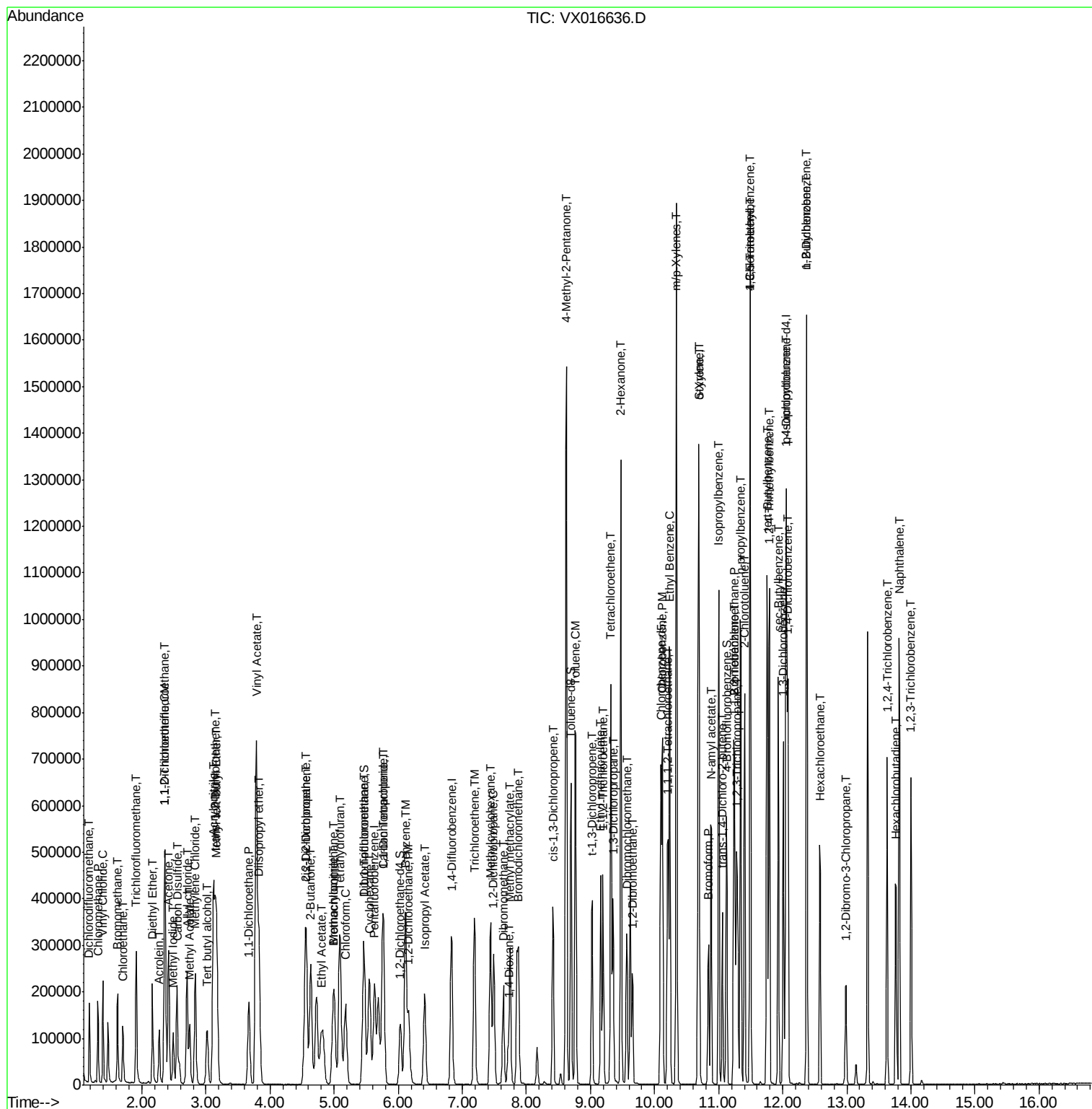
Instrument :
MSVOA_X
ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	70869	54.49	ug/l	98
95) Naphthalene	13.82	128	574664	50.61	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	170245	52.46	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

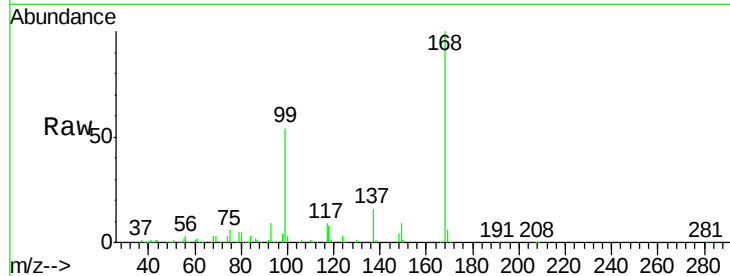
SA-PZ134I-20200604MS

Tgt Ion:168 Resp: 216264

Ion Ratio Lower Upper

168 100

99 54.2 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

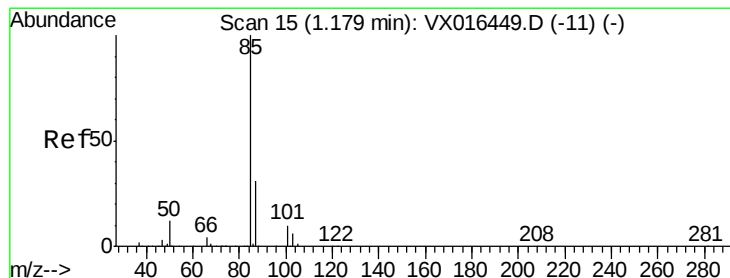
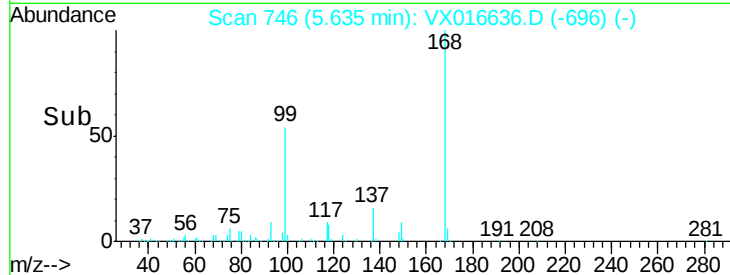
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.62 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016636.D

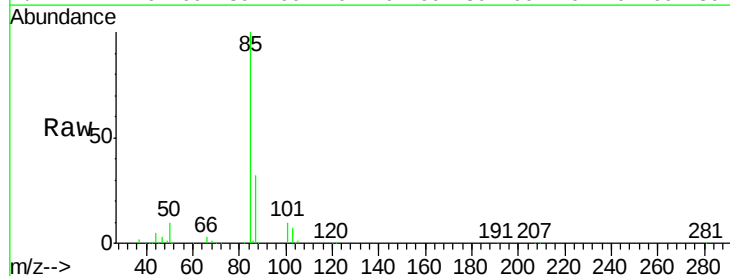
Acq: 08 Jun 2020 14:21

Tgt Ion: 85 Resp: 99224

Ion Ratio Lower Upper

85 100

87 32.3 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

100000

80000

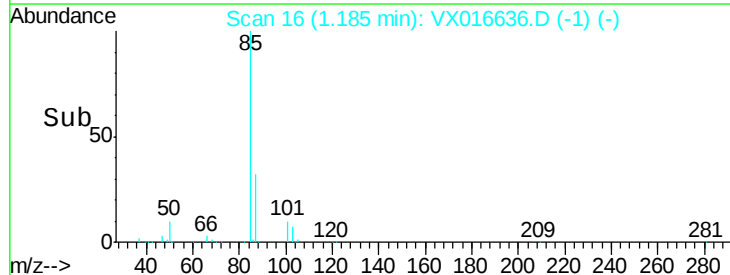
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 42.53 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

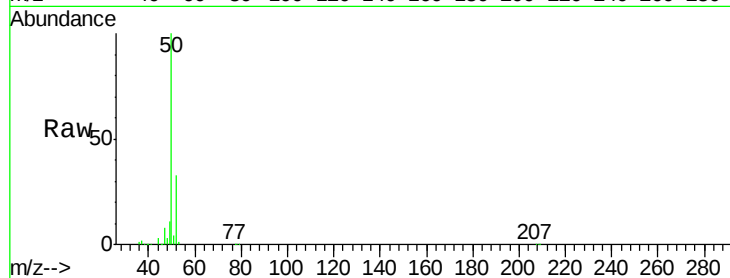
SA-PZ134I-20200604MS

Tgt Ion: 50 Resp: 109375

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

120000

100000

80000

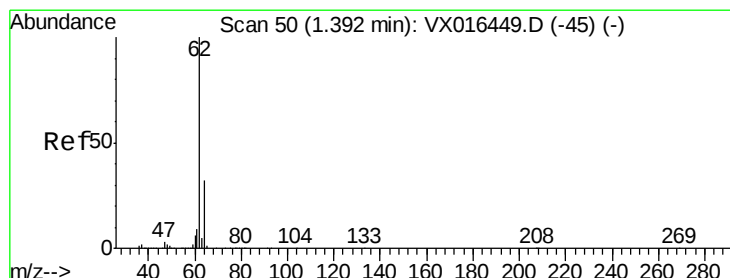
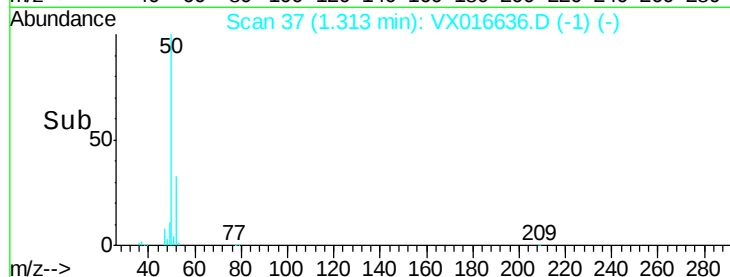
60000

40000

20000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 45.24 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016636.D

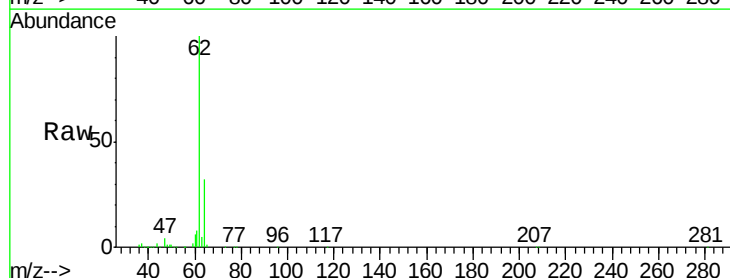
Acq: 08 Jun 2020 14:21

Tgt Ion: 62 Resp: 123044

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

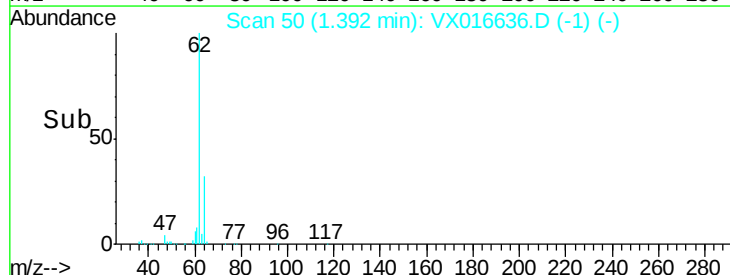
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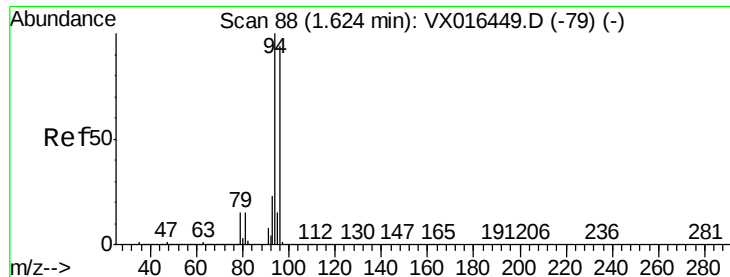
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 48.34 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

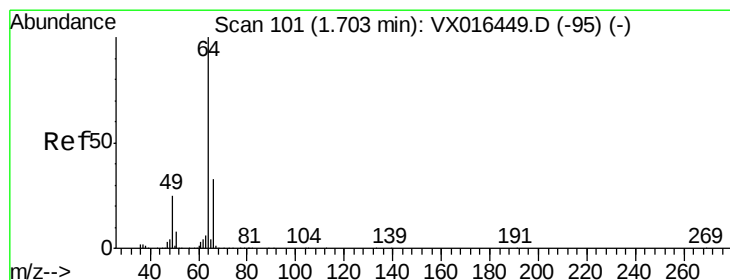
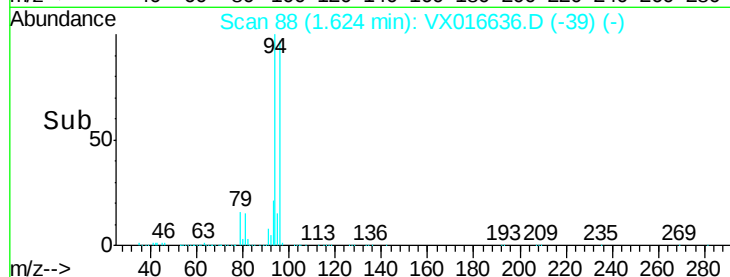
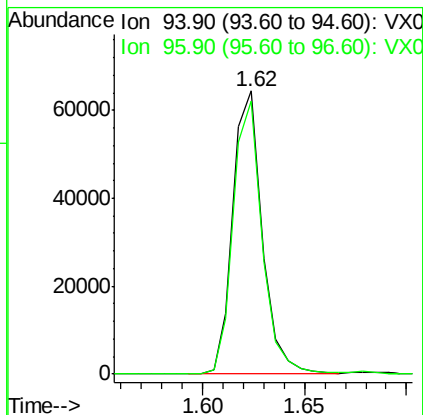
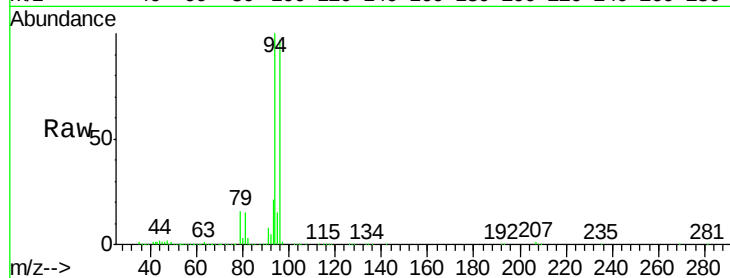
SA-PZ134I-20200604MS

Tgt Ion: 94 Resp: 63931

Ion Ratio Lower Upper

94 100

96 96.5 75.1 112.7



#6

Chloroethane

Concen: 48.45 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016636.D

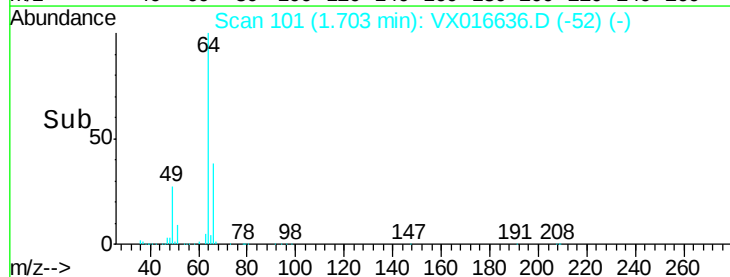
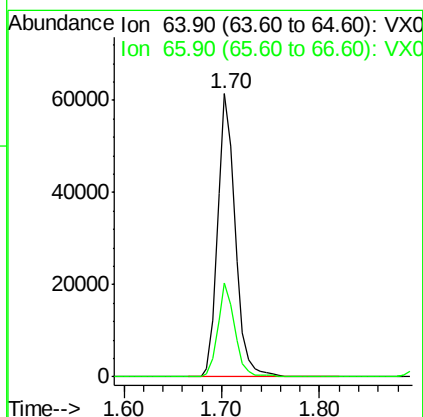
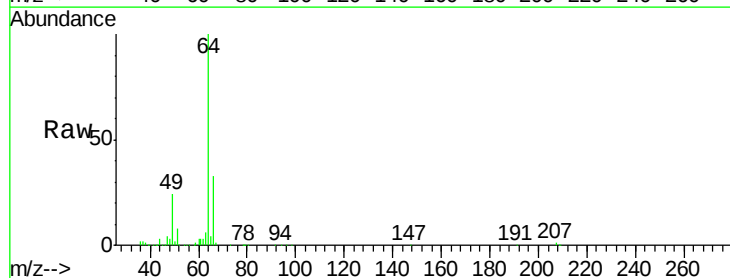
Acq: 08 Jun 2020 14:21

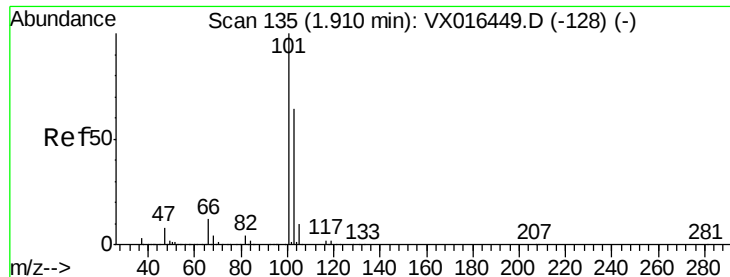
Tgt Ion: 64 Resp: 76878

Ion Ratio Lower Upper

64 100

66 33.1 26.7 40.1





#7

Trichlorofluoromethane

Concen: 53.12 ug/l

RT: 1.91 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

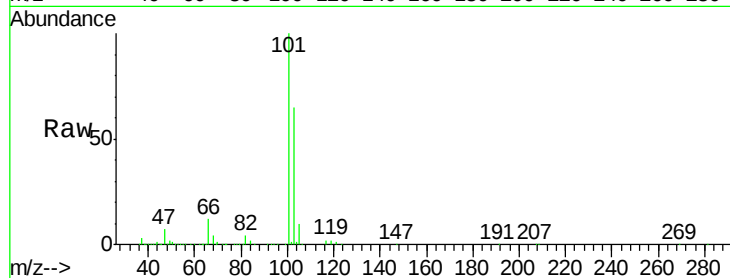
SA-PZ134I-20200604MS

Tgt Ion:101 Resp: 189748

Ion Ratio Lower Upper

101 100

103 64.7 50.9 76.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

150000

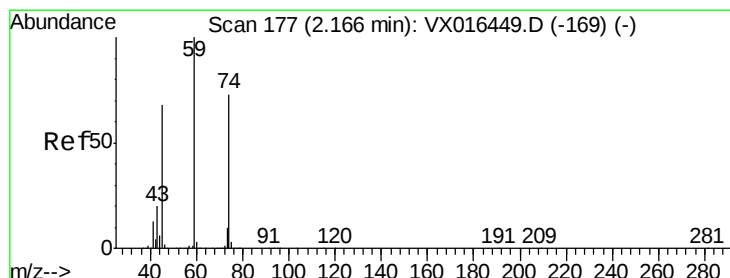
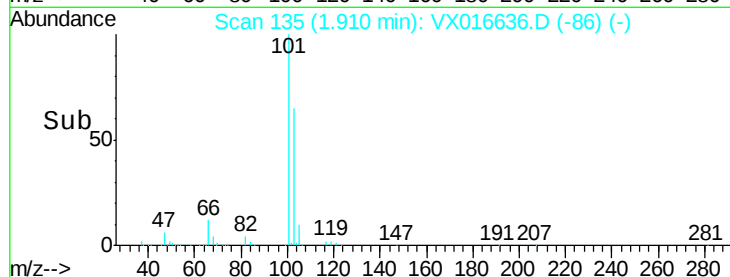
100000

50000

0

1.91

Time-->



#8

Diethyl Ether

Concen: 48.86 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016636.D

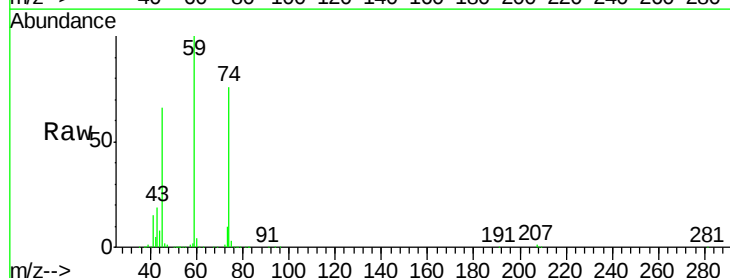
Acq: 08 Jun 2020 14:21

Tgt Ion: 74 Resp: 72771

Ion Ratio Lower Upper

74 100

45 87.9 47.5 142.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

60000

50000

40000

30000

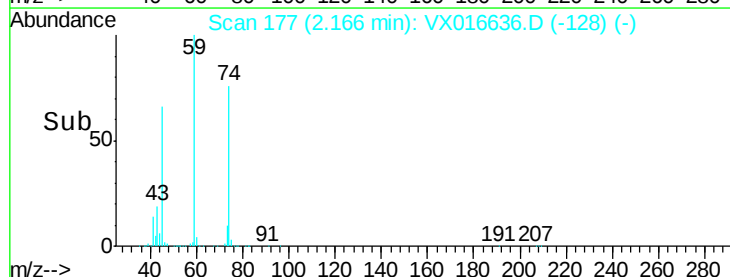
20000

10000

0

2.17

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.59 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016636.D

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Instrument :

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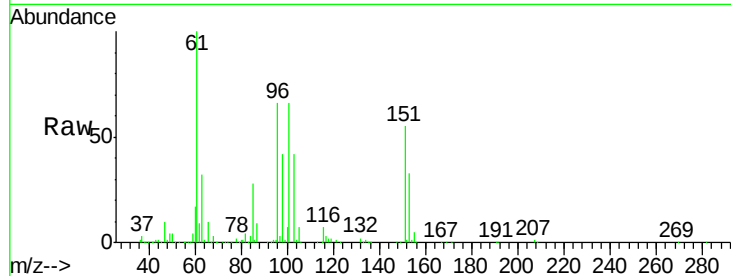
Tgt Ion:101 Resp: 101420

Ion Ratio Lower Upper

101 100

85 42.9 34.4 51.6

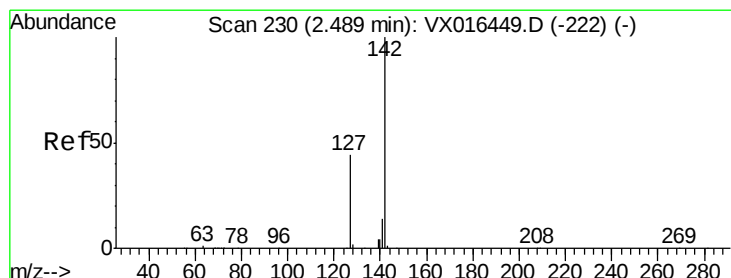
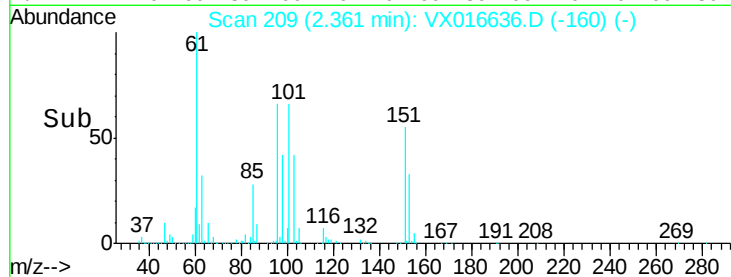
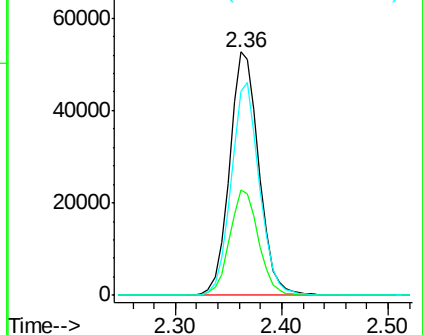
151 84.6 63.8 95.6



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: 46.50 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

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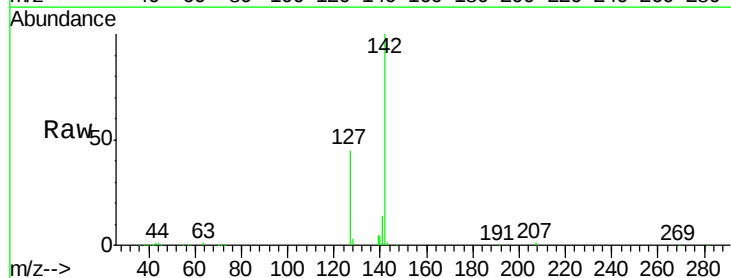
Tgt Ion:142 Resp: 108673

Ion Ratio Lower Upper

142 100

127 45.0 35.3 52.9

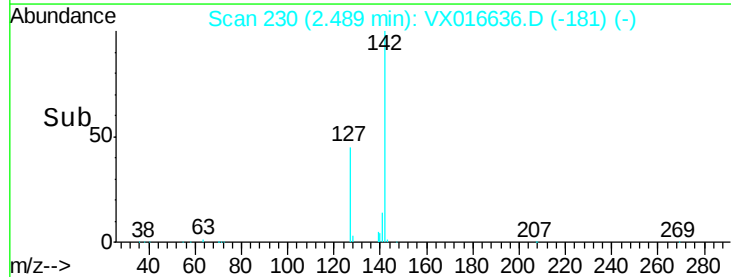
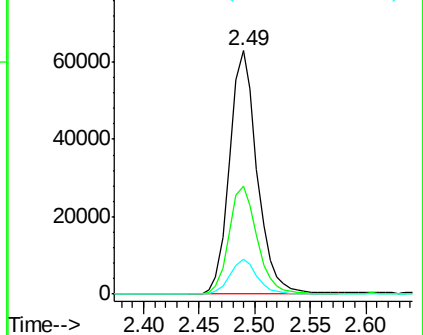
141 14.2 11.4 17.2

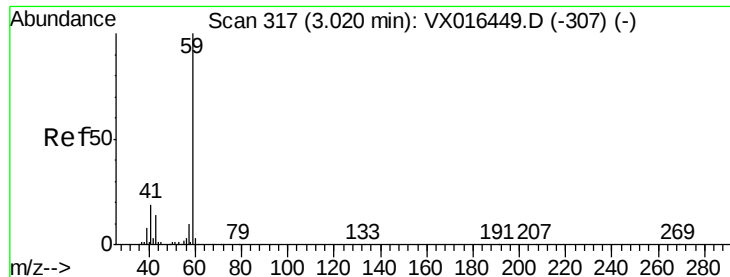


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



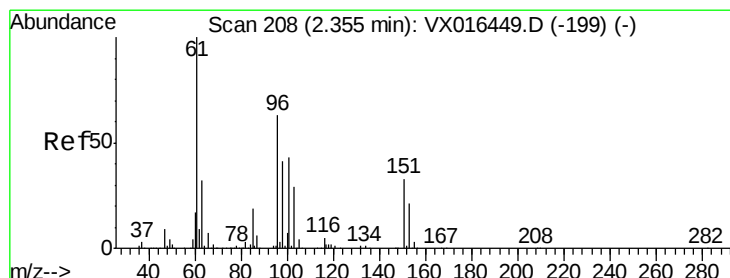
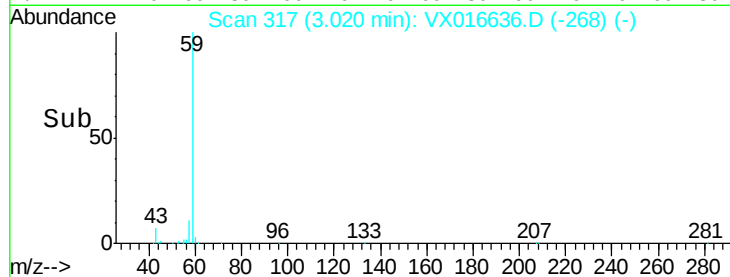
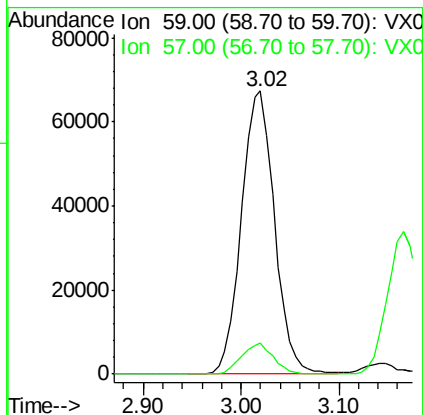
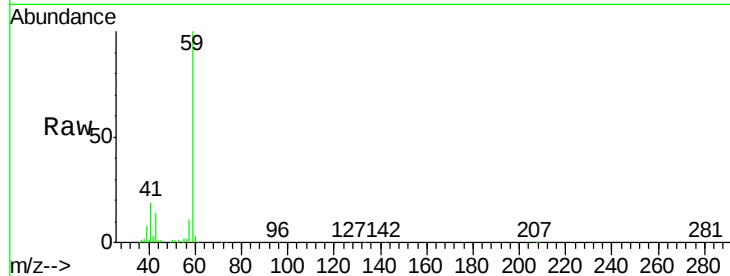


#11

Tert butyl alcohol
 Concen: 229.87 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

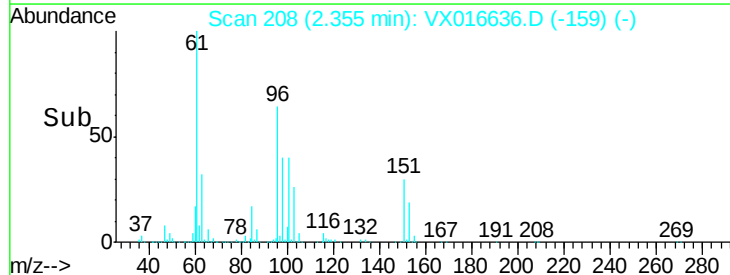
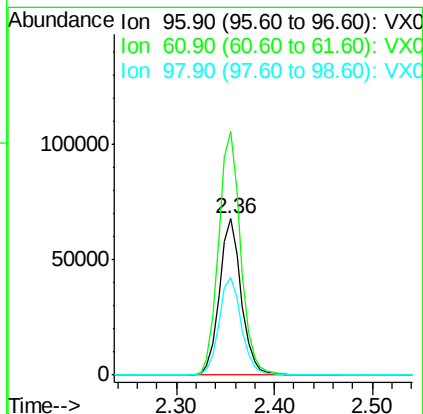
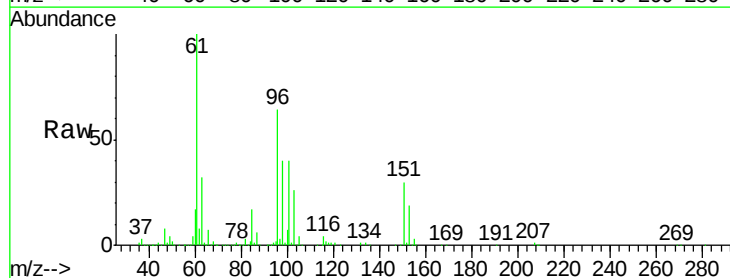
Tgt Ion: 59 Resp: 158314
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.4

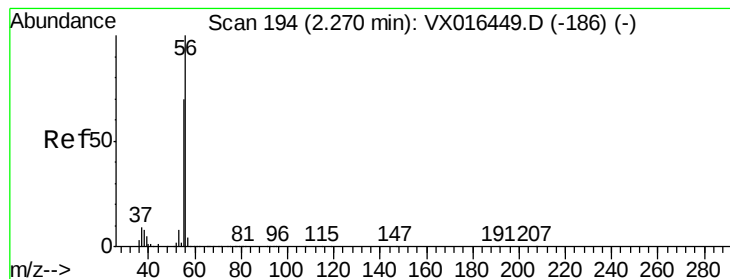


#12

1,1-Dichloroethene
 Concen: 50.50 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion: 96 Resp: 105089
 Ion Ratio Lower Upper
 96 100
 61 155.5 126.6 189.8
 98 62.8 51.3 76.9





#13

Acrolein

Concen: 278.49 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

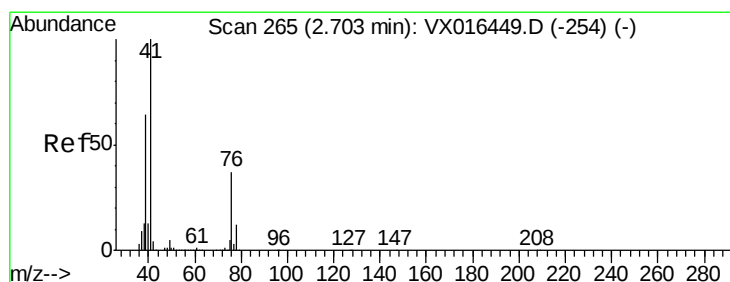
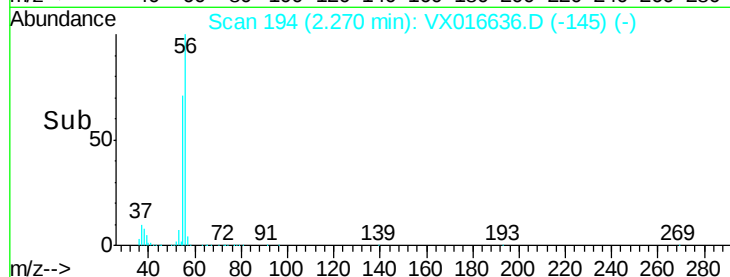
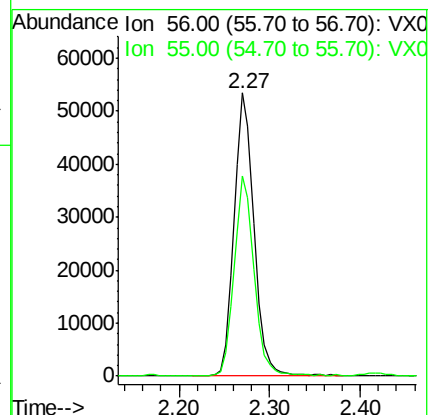
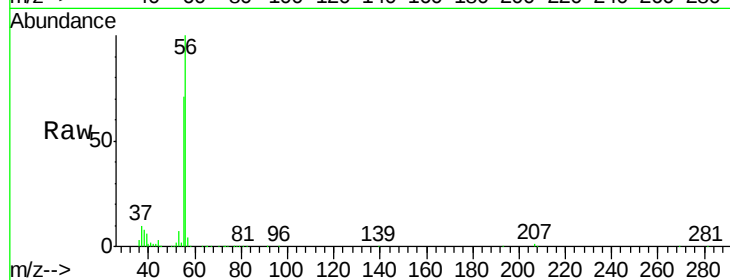
SA-PZ134I-20200604MS

Tgt Ion: 56 Resp: 81588

Ion Ratio Lower Upper

56 100

55 69.5 58.3 87.5



#14

Allyl chloride

Concen: 44.08 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

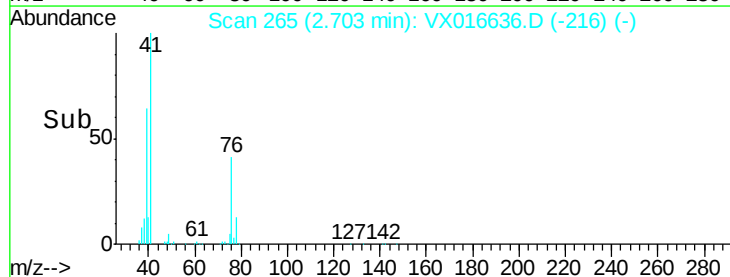
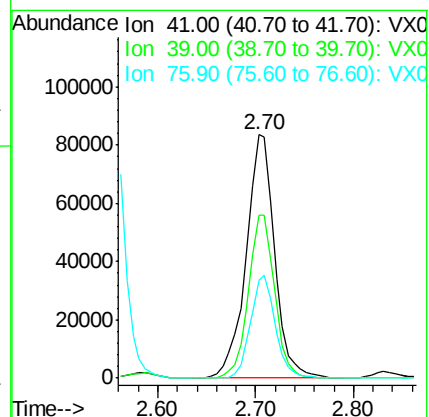
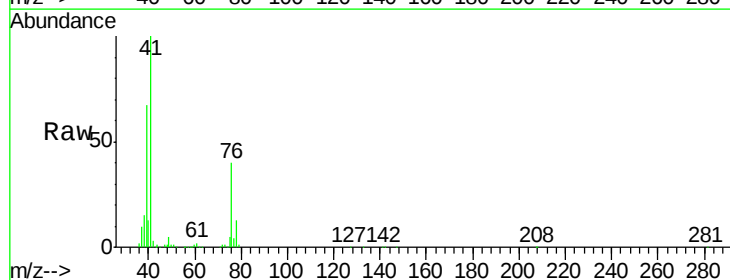
Tgt Ion: 41 Resp: 168710

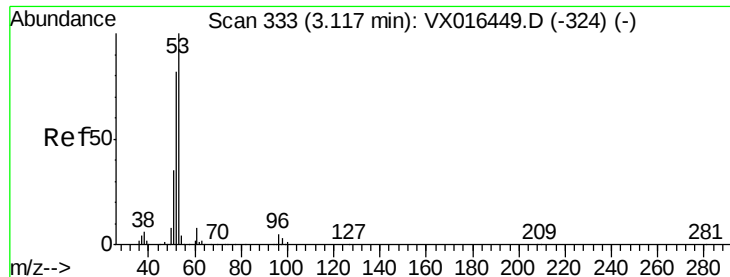
Ion Ratio Lower Upper

41 100

39 61.9 47.7 71.5

76 36.8 26.6 40.0

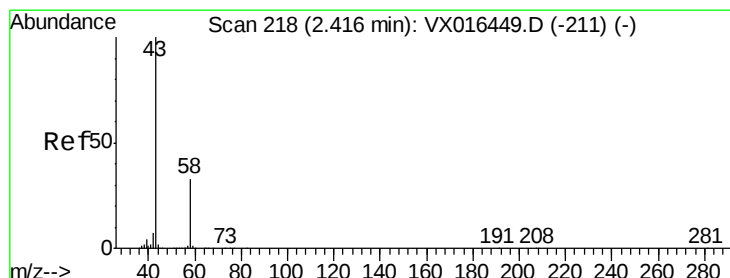
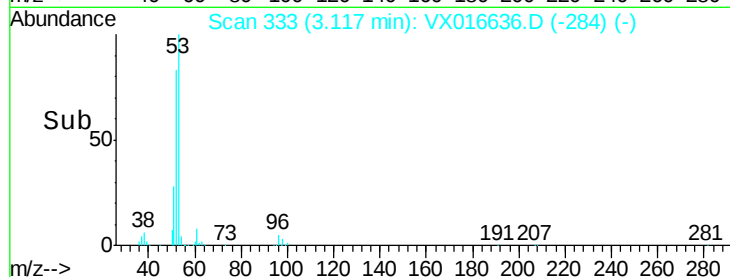
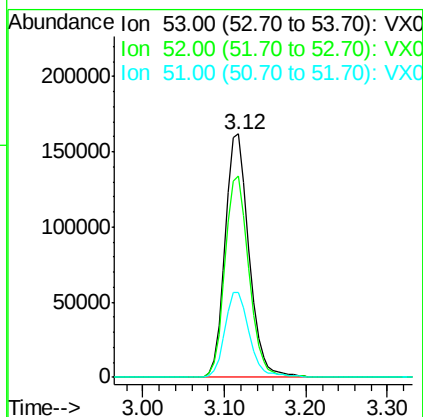
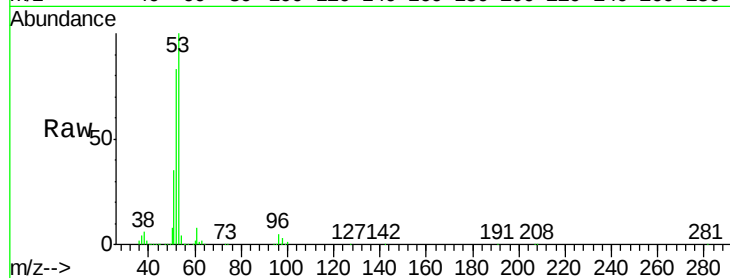




#15
 Acrylonitrile
 Concen: 231.85 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

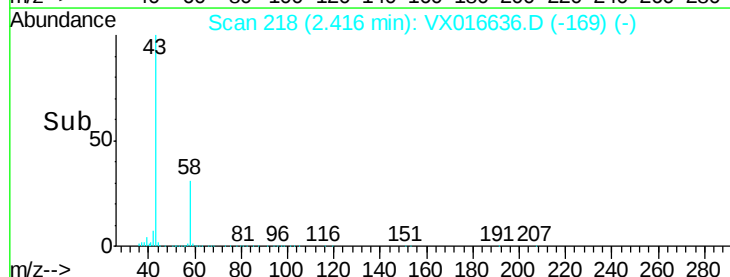
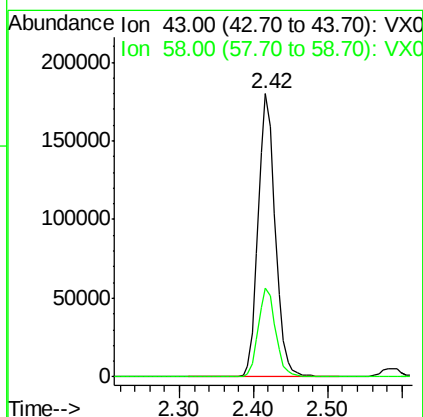
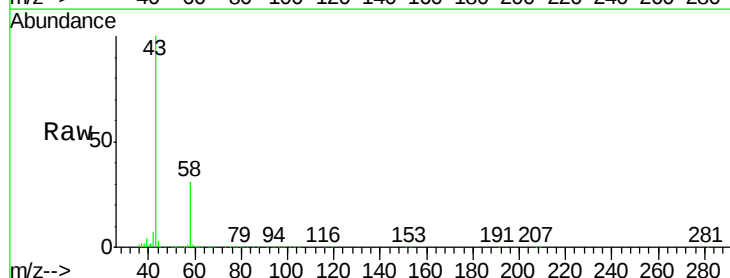
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

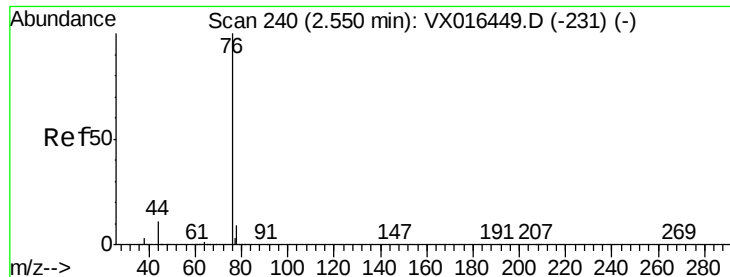
Tgt Ion: 53 Resp: 327092
 Ion Ratio Lower Upper
 53 100
 52 82.8 66.7 100.1
 51 35.9 28.6 43.0



#16
 Acetone
 Concen: 247.61 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion: 43 Resp: 291362
 Ion Ratio Lower Upper
 43 100
 58 31.3 26.1 39.1





#17

Carbon Disulfide

Concen: 43.21 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

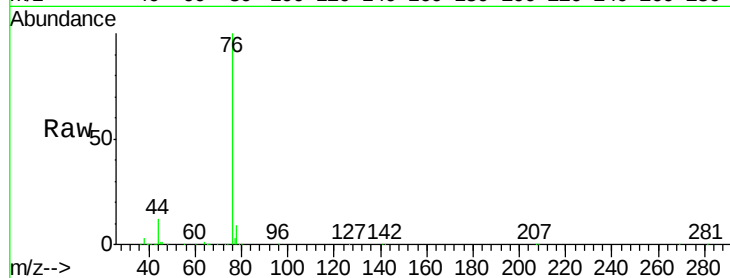
SA-PZ134I-20200604MS

Tgt Ion: 76 Resp: 267017

Ion Ratio Lower Upper

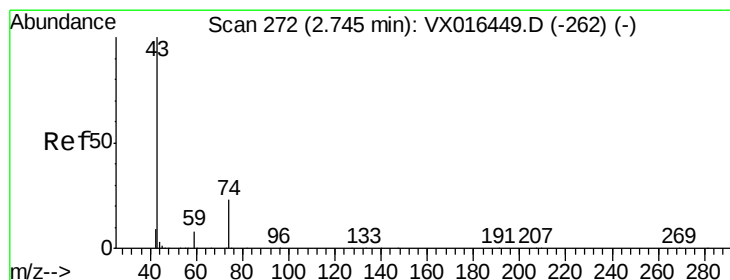
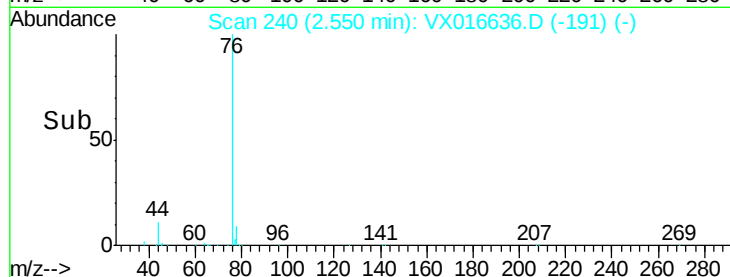
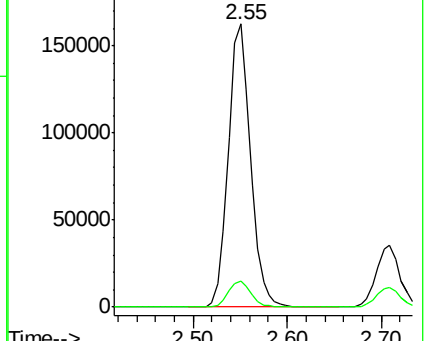
76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.92 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016636.D

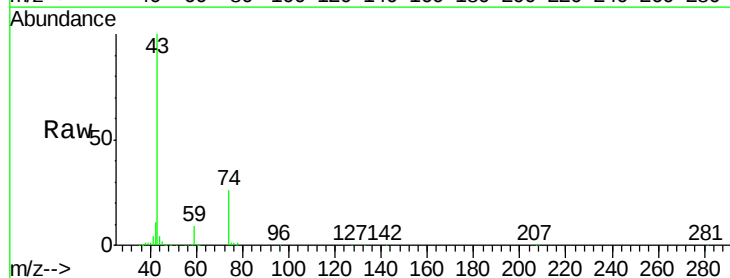
Acq: 08 Jun 2020 14:21

Tgt Ion: 43 Resp: 141609

Ion Ratio Lower Upper

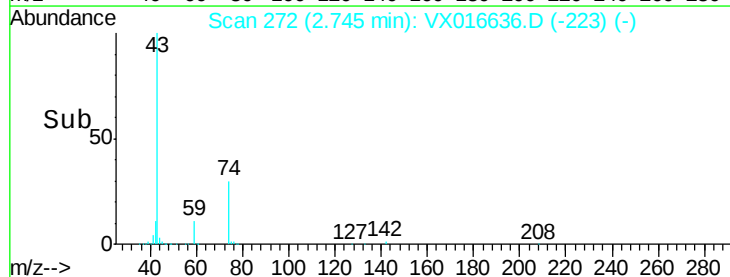
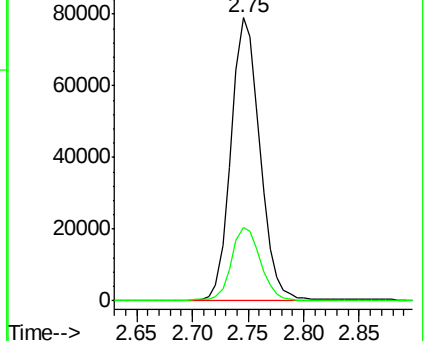
43 100

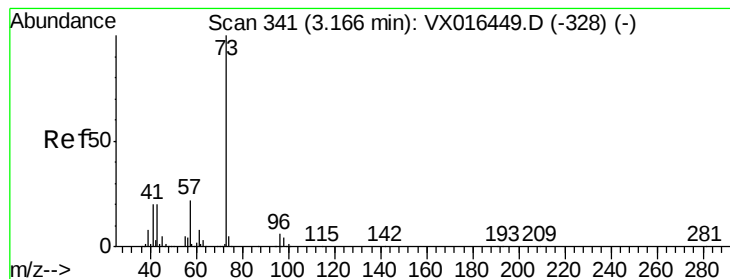
74 26.7 19.7 29.5



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: 50.48 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

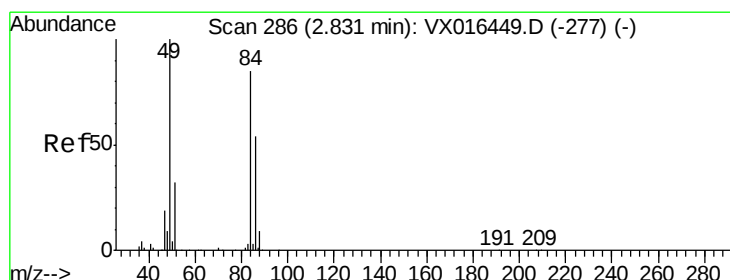
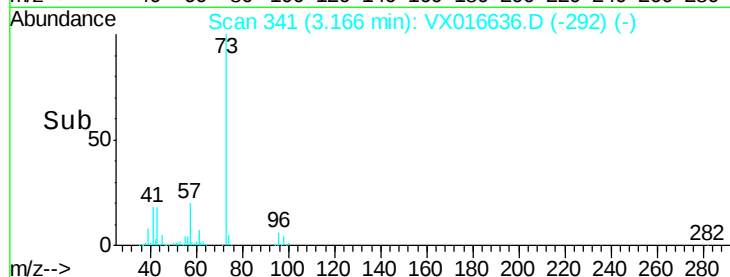
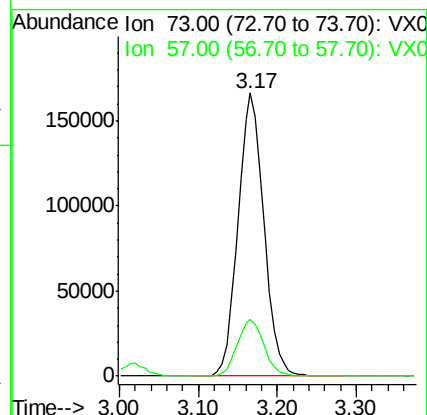
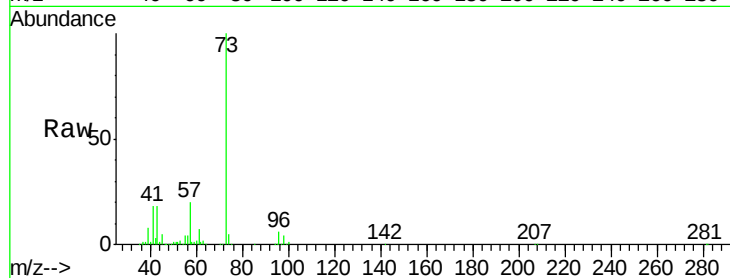
SA-PZ134I-20200604MS

Tgt Ion: 73 Resp: 377219

Ion Ratio Lower Upper

73 100

57 20.3 17.8 26.6



#20

Methylene Chloride

Concen: 48.44 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Tgt Ion: 84 Resp: 117937

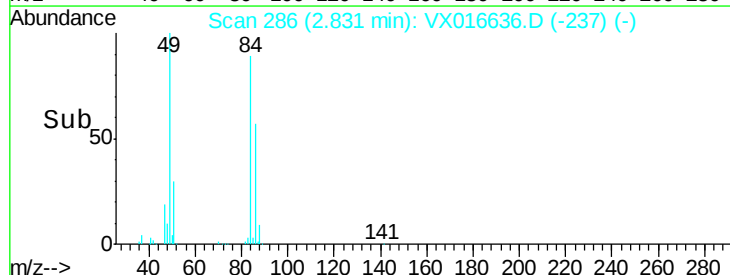
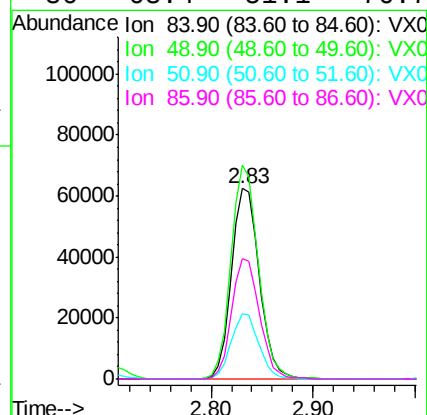
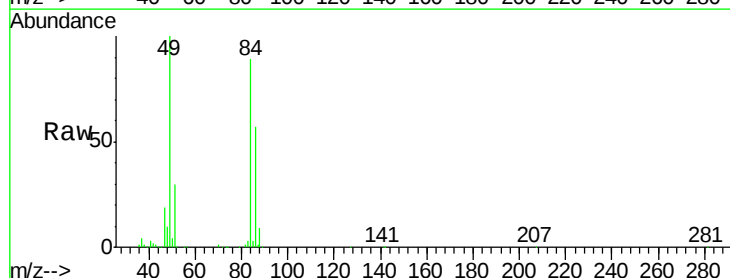
Ion Ratio Lower Upper

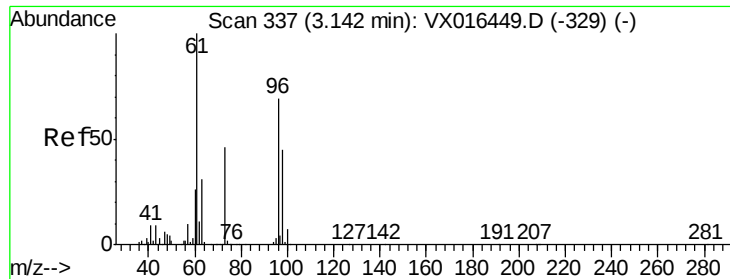
84 100

49 112.1 94.5 141.7

51 34.1 30.2 45.4

86 63.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.70 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

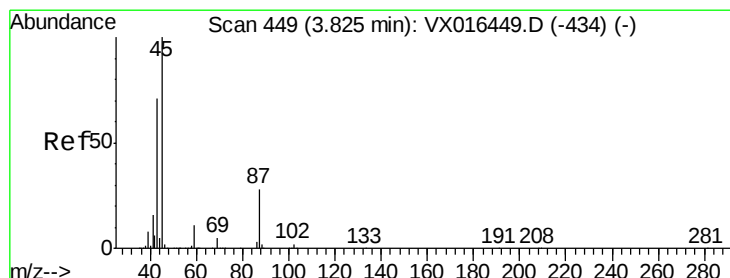
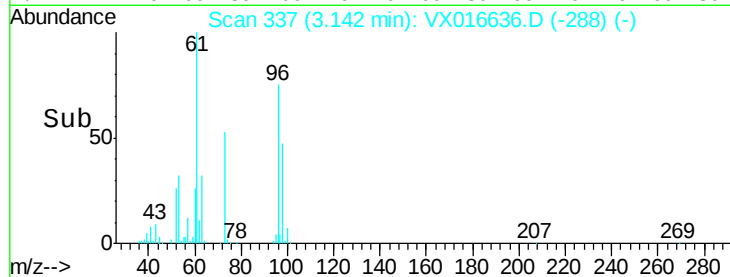
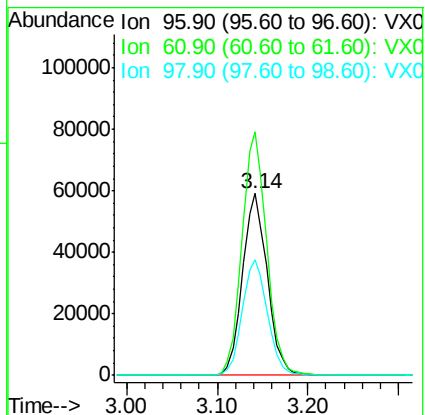
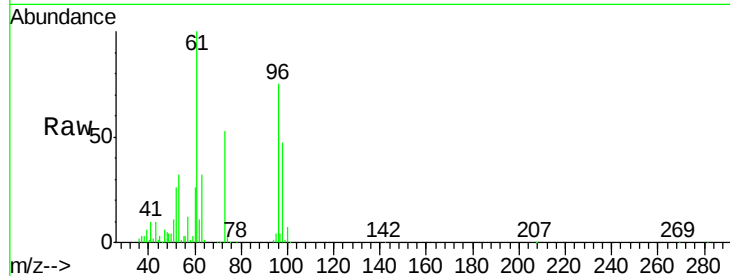
Tgt Ion: 96 Resp: 112088

Ion Ratio Lower Upper

96 100

61 134.0 115.3 172.9

98 63.6 51.9 77.9



#22

Diisopropyl ether

Concen: 45.19 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Tgt Ion: 45 Resp: 332198

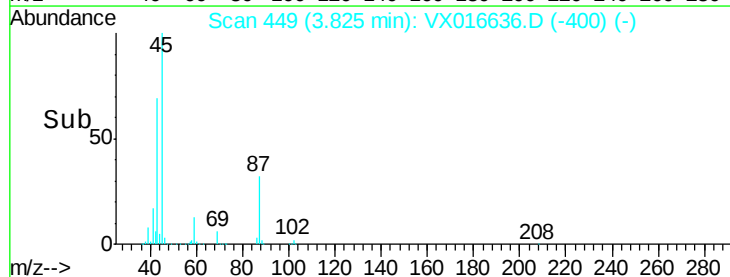
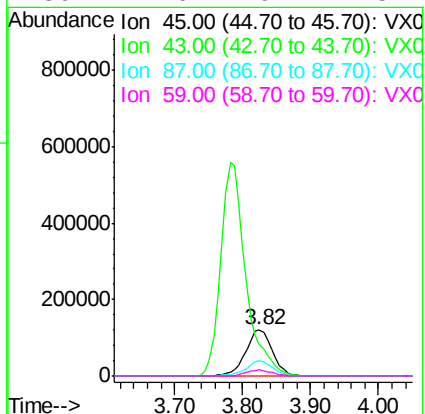
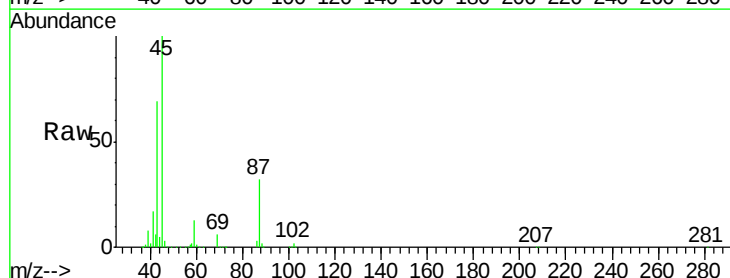
Ion Ratio Lower Upper

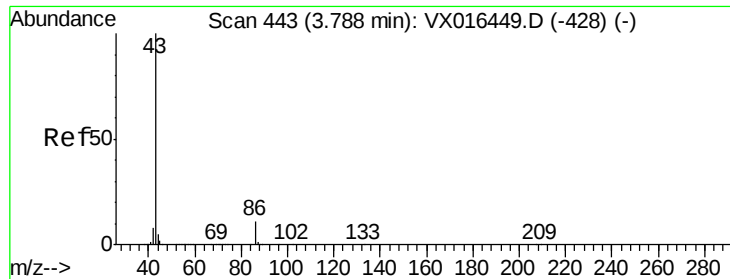
45 100

43 68.9 57.0 85.6

87 32.2 22.5 33.7

59 12.6 9.1 13.7

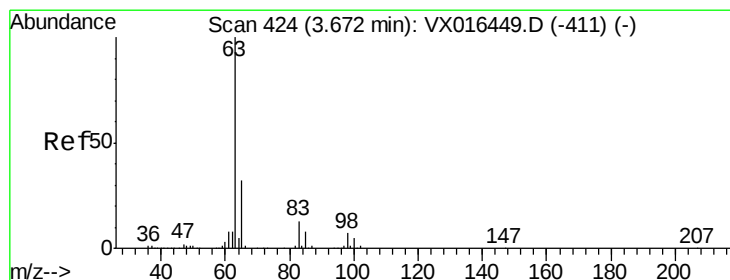
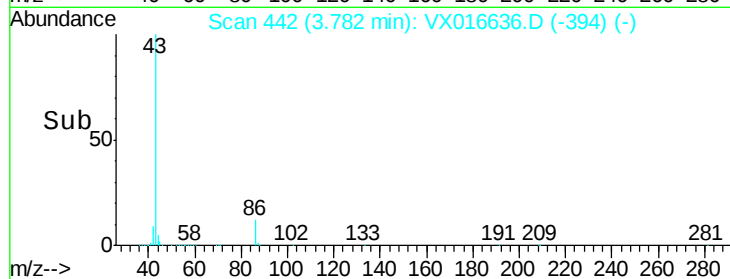
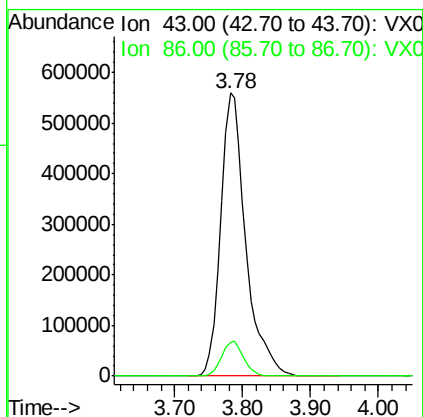
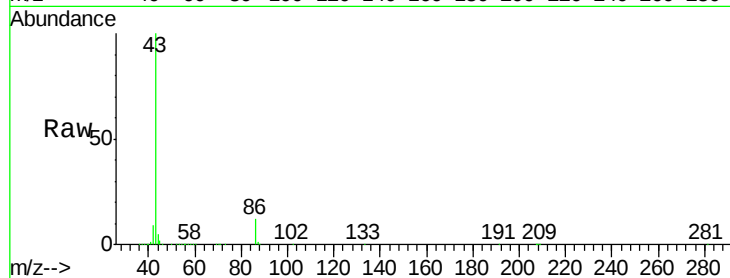




#23
 Vinyl Acetate
 Concen: 222.22 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

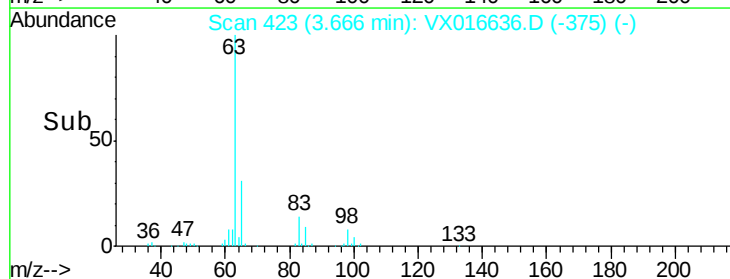
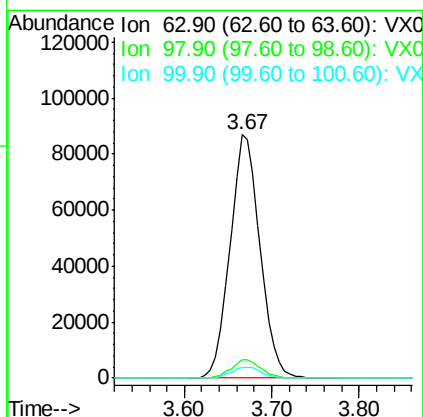
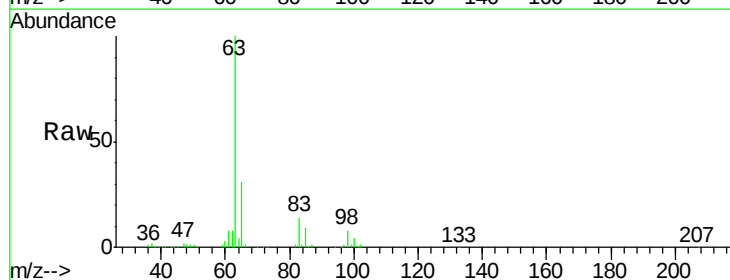
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

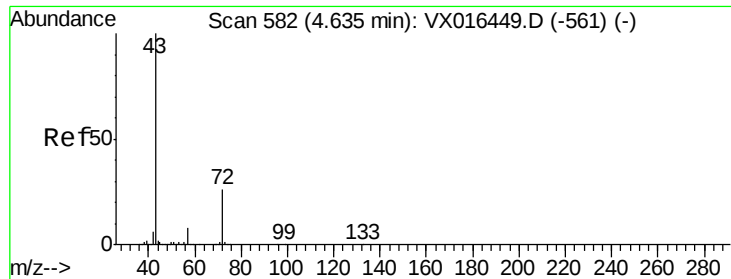
Tgt Ion: 43 Resp: 1429949
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 49.73 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion: 63 Resp: 206363
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.4 2.4 7.1

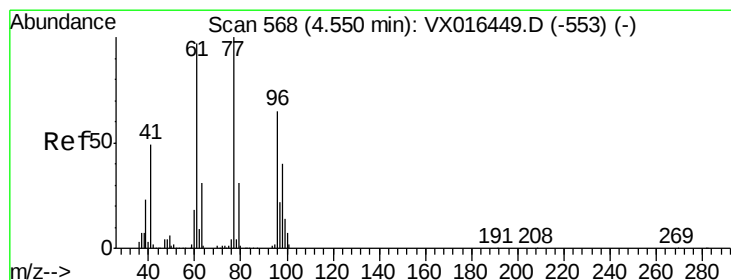
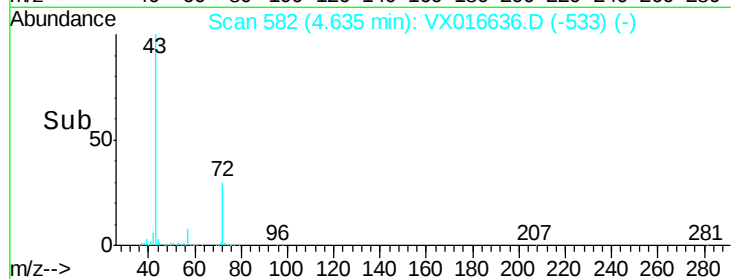
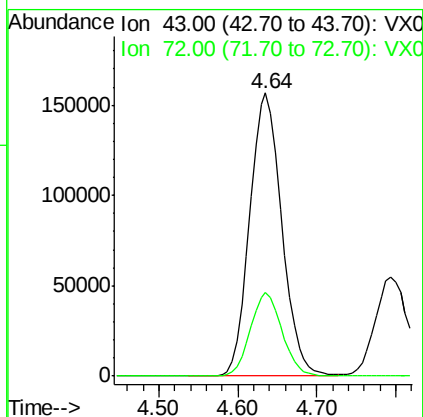
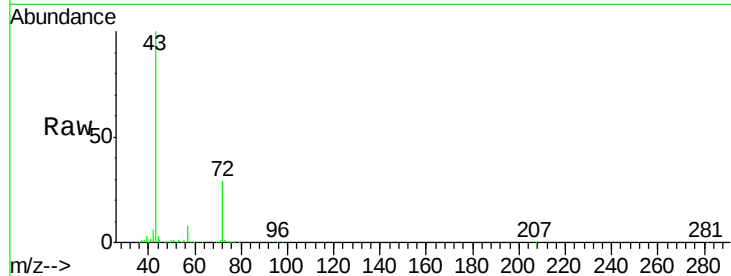




#25
 2-Butanone
 Concen: 221.66 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

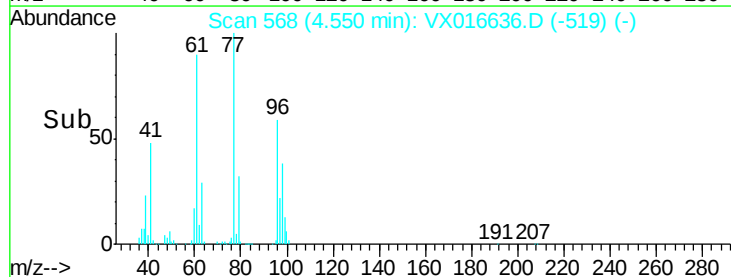
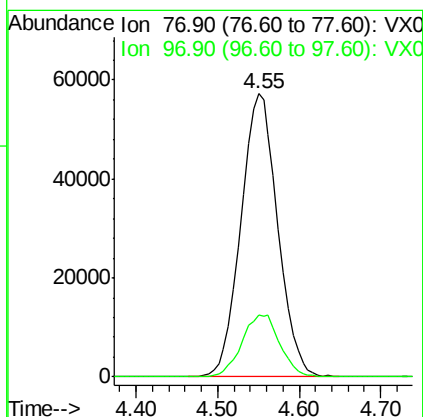
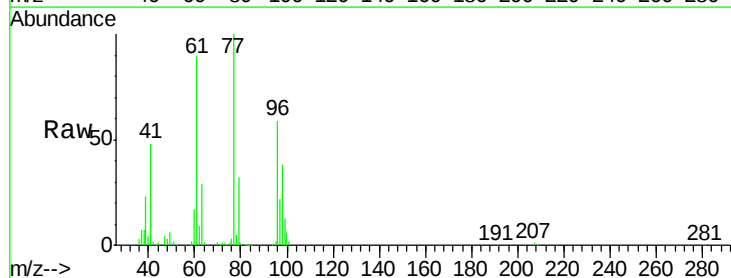
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

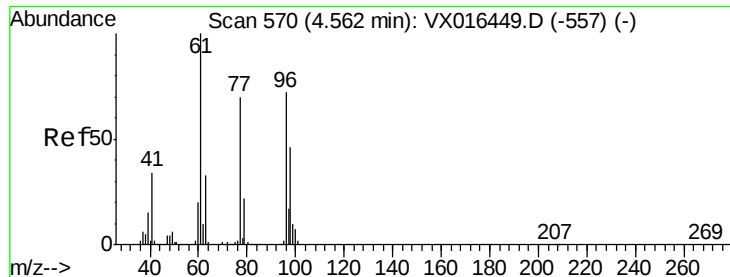
Tgt Ion: 43 Resp: 441948
 Ion Ratio Lower Upper
 43 100
 72 29.4 21.0 31.6



#26
 2,2-Dichloropropane
 Concen: 52.83 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion: 77 Resp: 179376
 Ion Ratio Lower Upper
 77 100
 97 22.6 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 48.52 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

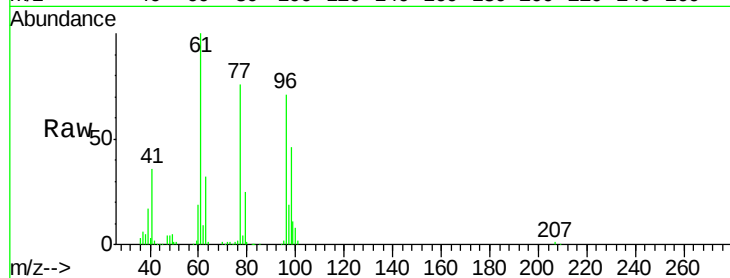
Tgt Ion: 96 Resp: 129189

Ion Ratio Lower Upper

96 100

61 140.6 0.0 284.6

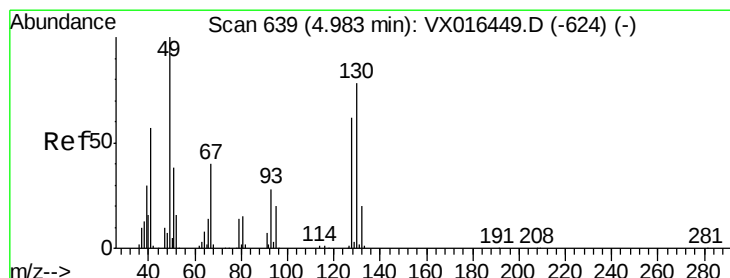
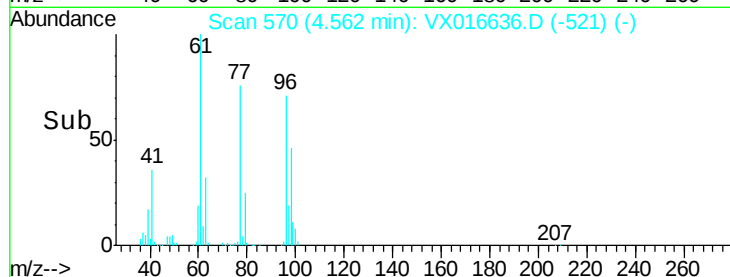
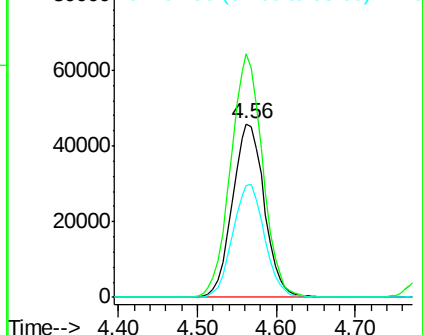
98 65.1 0.0 127.2



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: 40.46 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

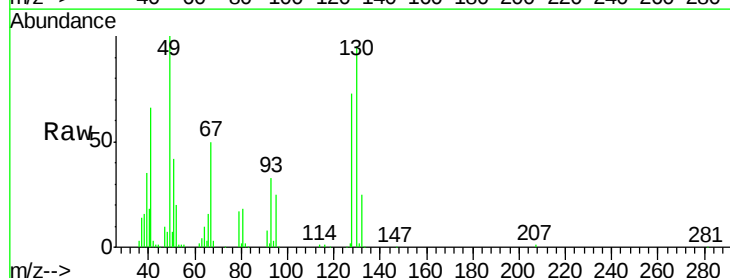
Tgt Ion: 49 Resp: 78016

Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.0

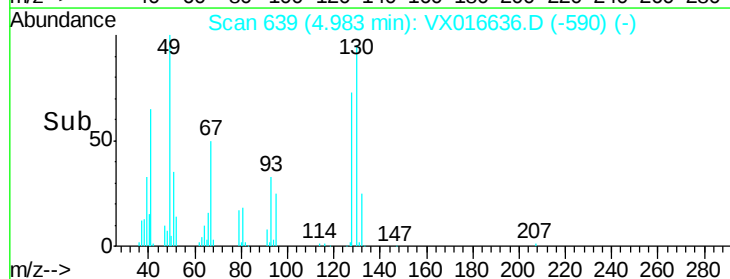
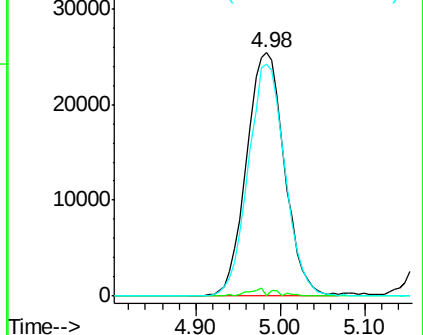
130 92.6 63.0 94.4

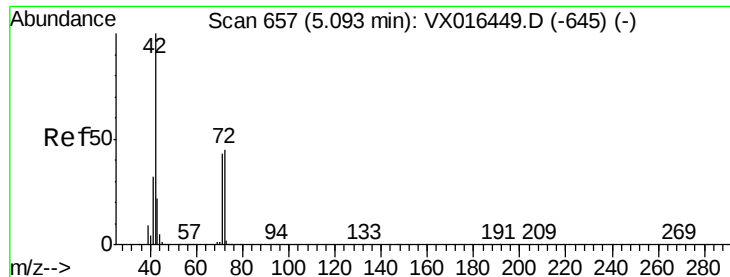


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 227.57 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

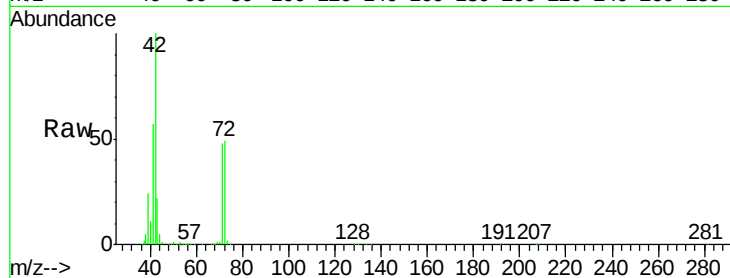
Tgt Ion: 42 Resp: 293140

Ion Ratio Lower Upper

42 100

72 49.7 37.0 55.4

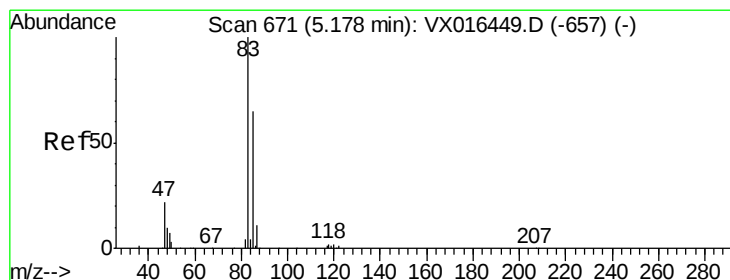
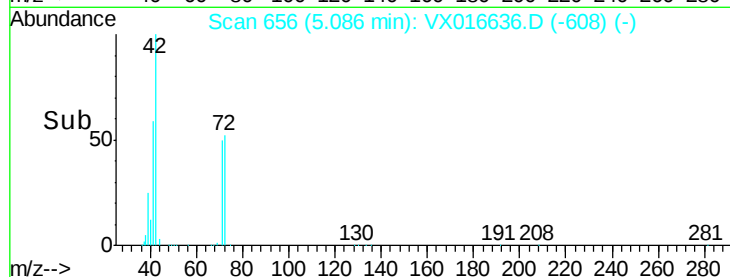
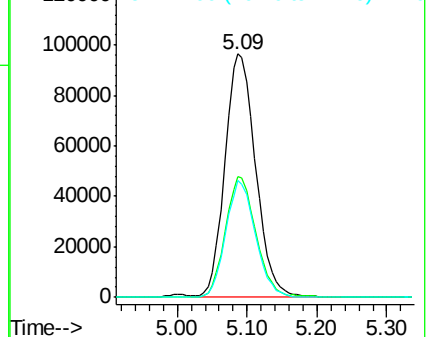
71 46.7 34.1 51.1



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: 50.81 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016636.D

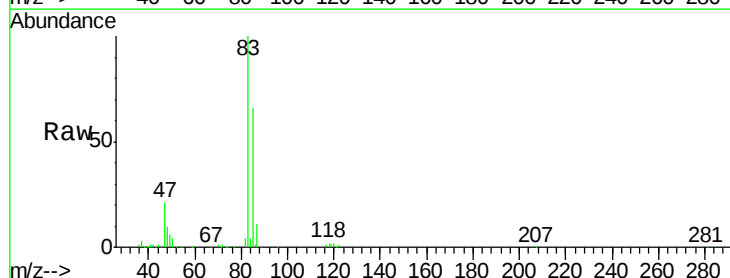
Acq: 08 Jun 2020 14:21

Tgt Ion: 83 Resp: 212416

Ion Ratio Lower Upper

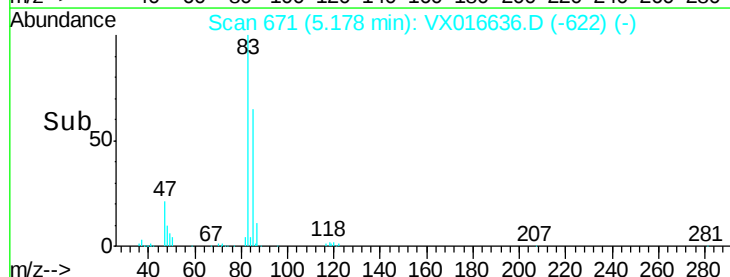
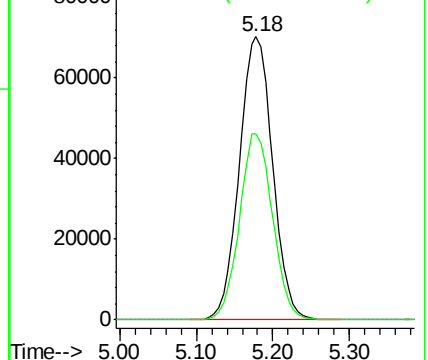
83 100

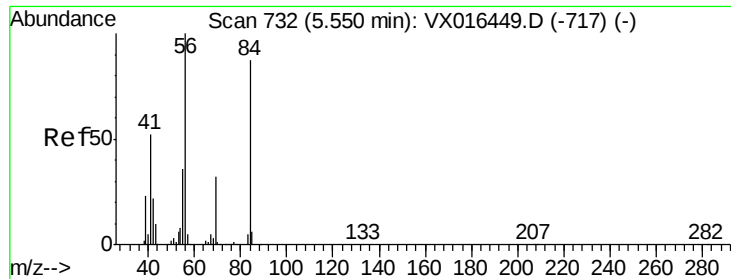
85 65.6 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

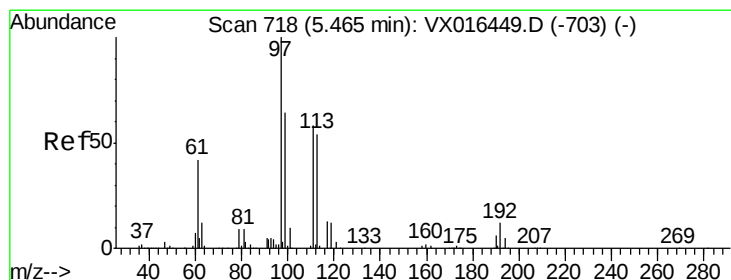
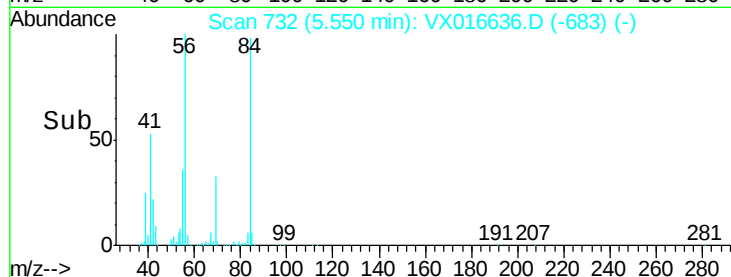
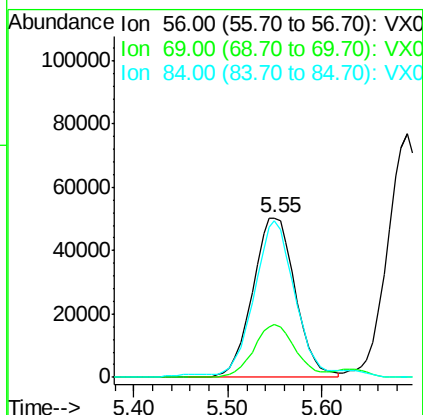
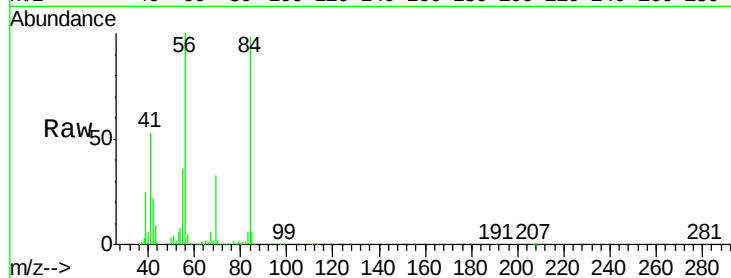




#31
Cyclohexane
Concen: 42.79 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

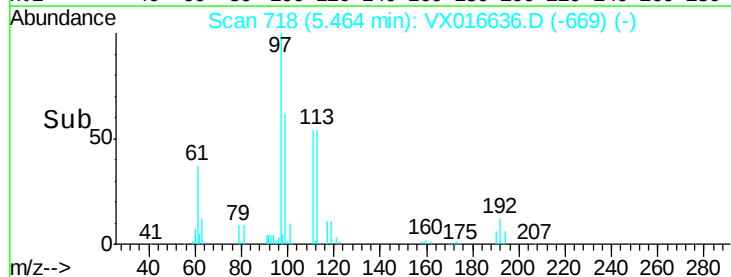
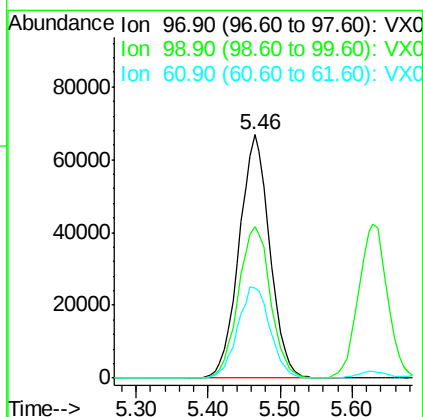
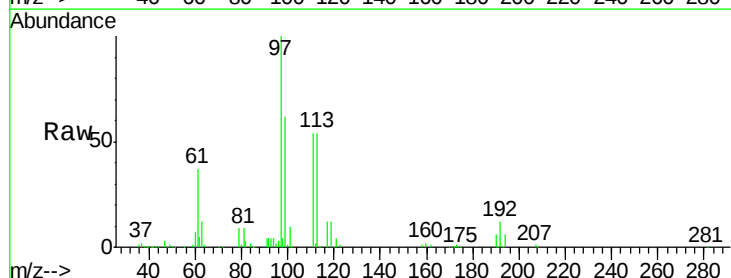
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

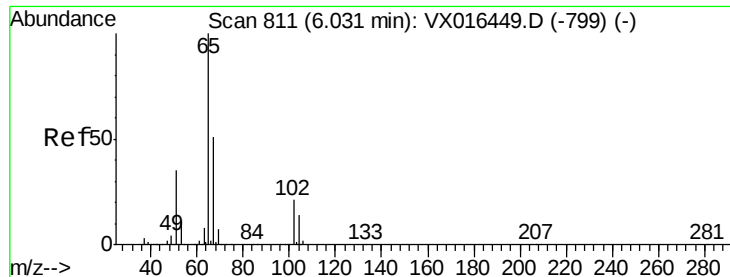
Tgt Ion: 56 Resp: 159717
Ion Ratio Lower Upper
56 100
69 33.2 25.7 38.5
84 96.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 52.06 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion: 97 Resp: 197064
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.2
61 39.7 33.5 50.3

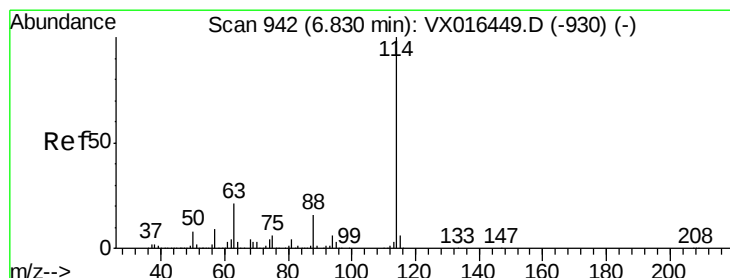
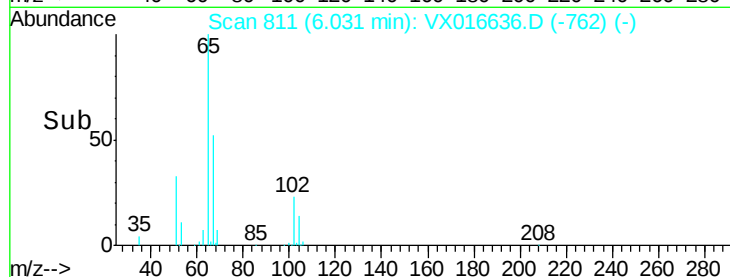
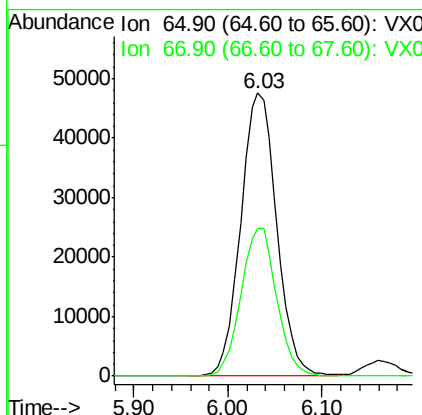
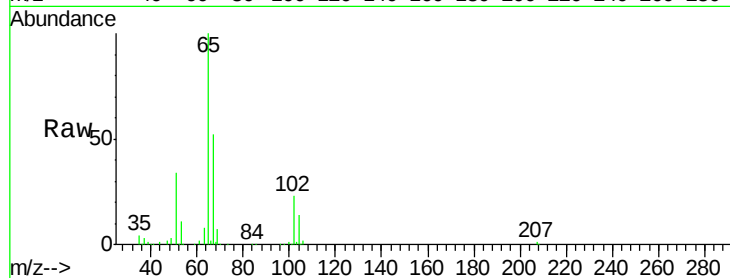




#33
 1,2-Dichloroethane-d4
 Concen: 47.33 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

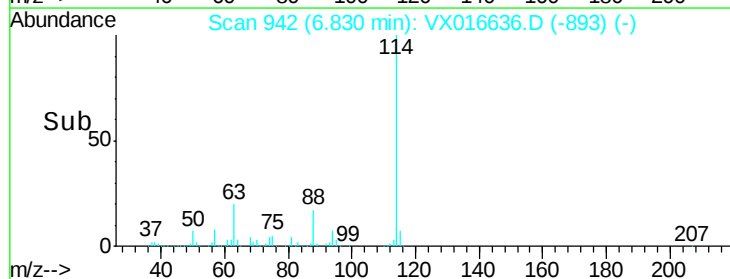
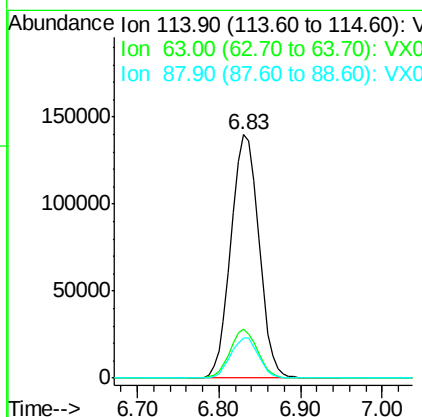
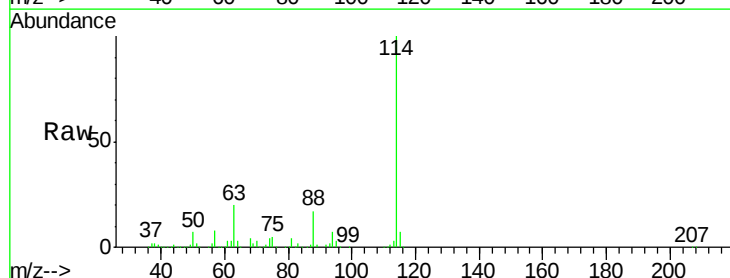
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

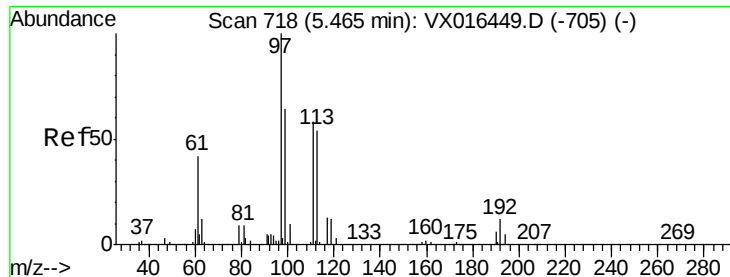
Tgt Ion: 65 Resp: 127126
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion: 114 Resp: 332047
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.6
 88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.29 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

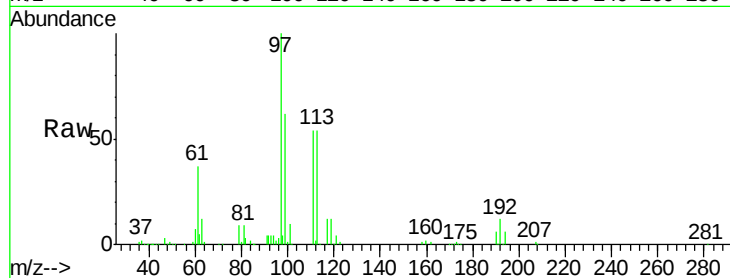
Tgt Ion:113 Resp: 102822

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

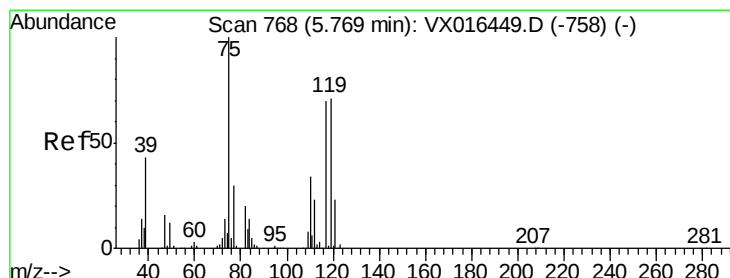
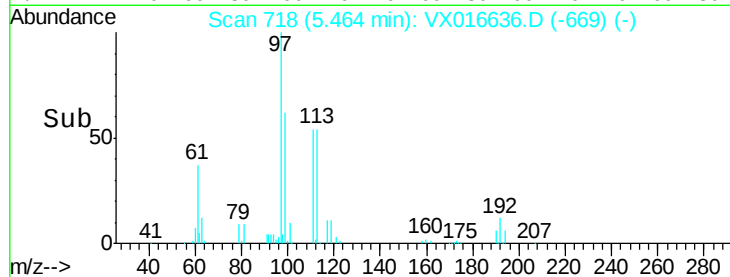
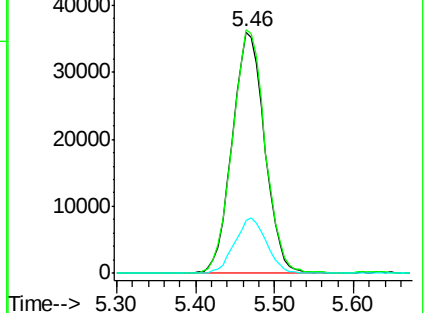
192 22.5 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.08 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

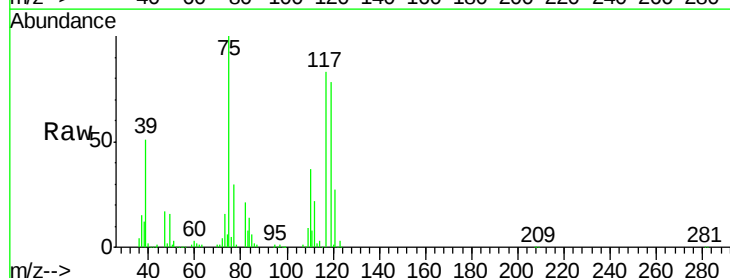
Tgt Ion: 75 Resp: 151171

Ion Ratio Lower Upper

75 100

110 36.6 17.4 52.3

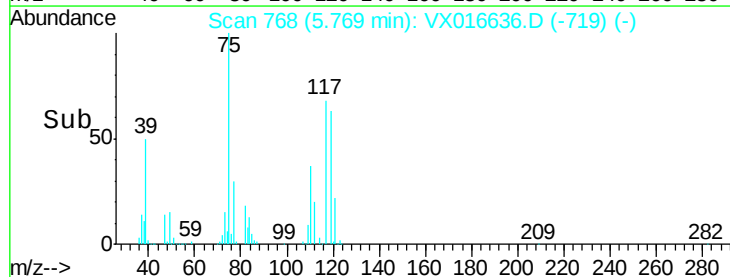
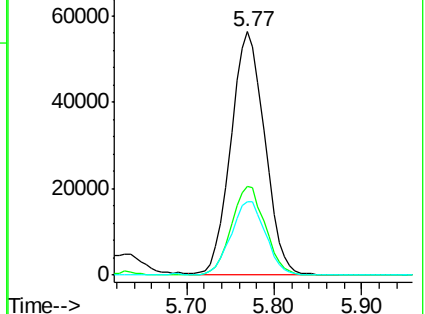
77 31.2 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

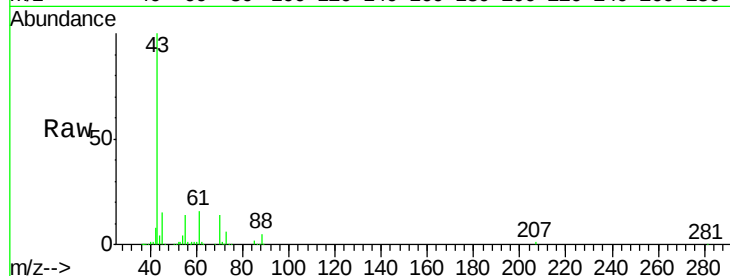




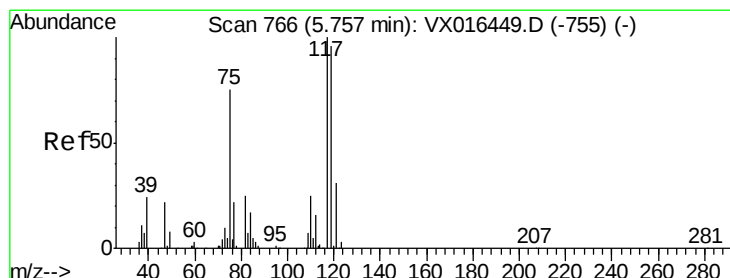
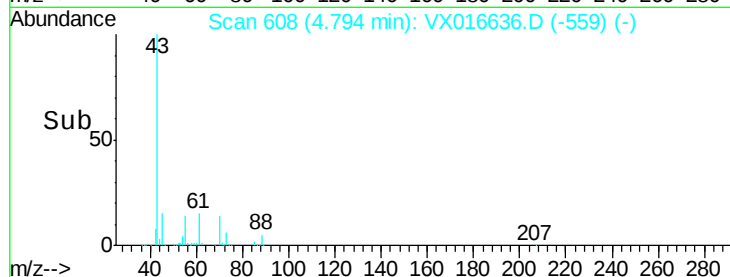
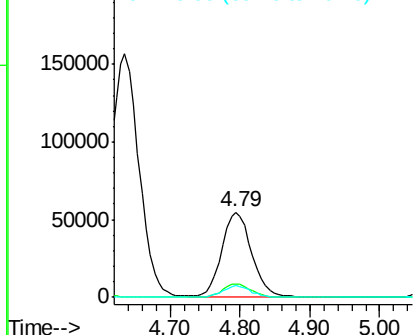
#37
Ethyl Acetate
Concen: 42.92 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tgt Ion: 43 Resp: 161984
Ion Ratio Lower Upper
43 100
61 15.3 11.3 16.9
70 12.9 9.3 13.9

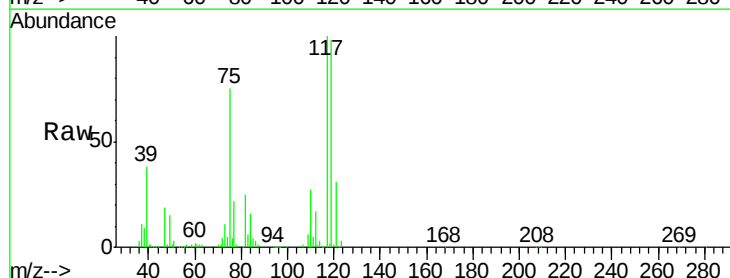


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

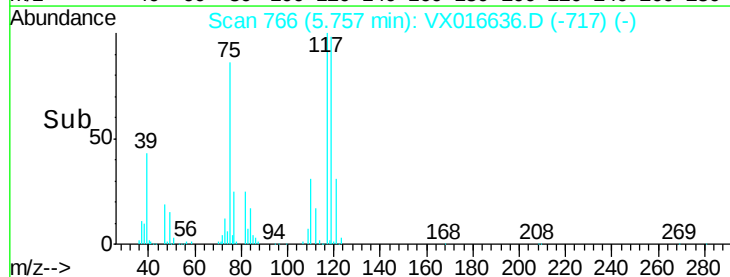
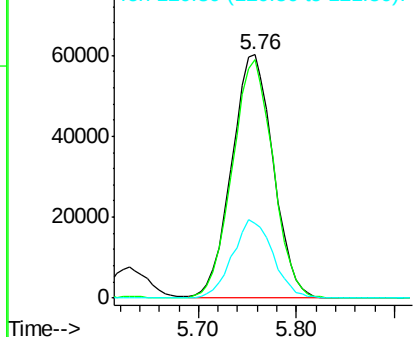


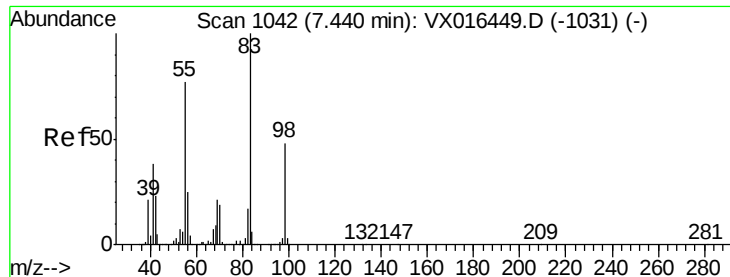
#38
Carbon Tetrachloride
Concen: 53.62 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion: 117 Resp: 177145
Ion Ratio Lower Upper
117 100
119 97.5 76.3 114.5
121 30.9 24.6 37.0



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

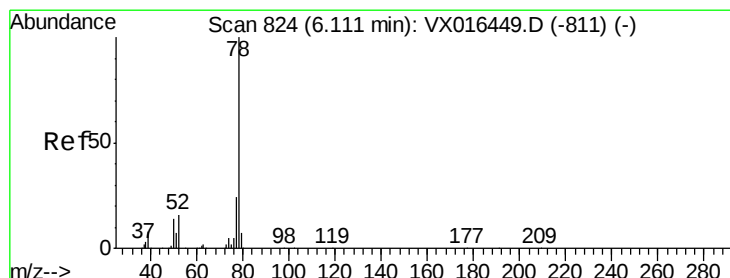
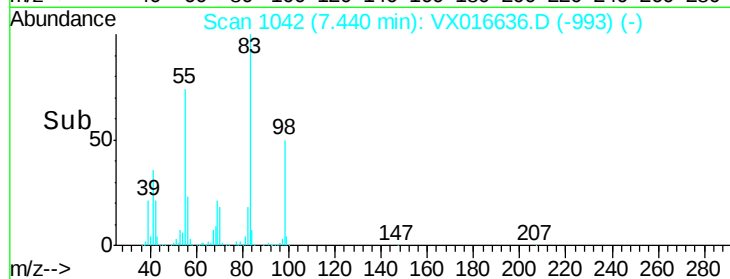
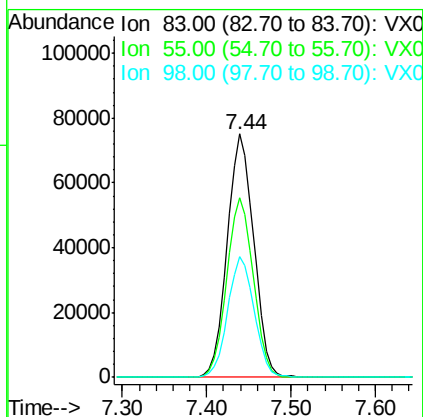
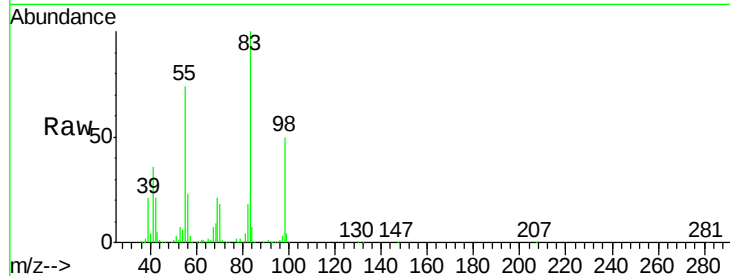




#39
Methylcyclohexane
Concen: 47.12 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

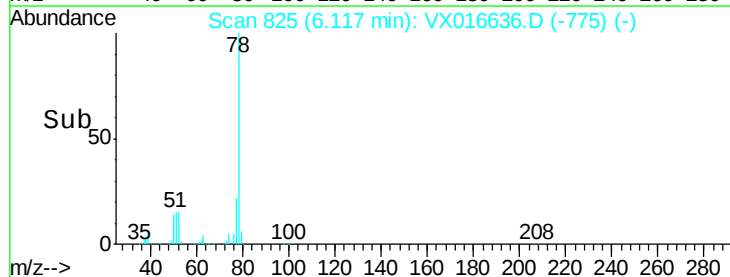
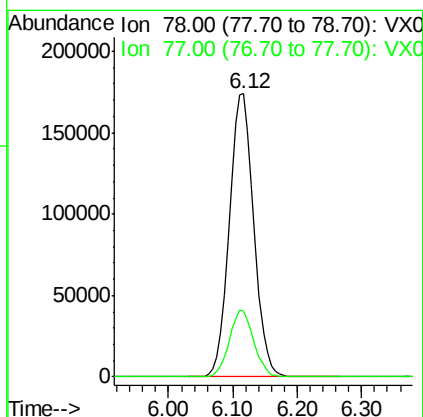
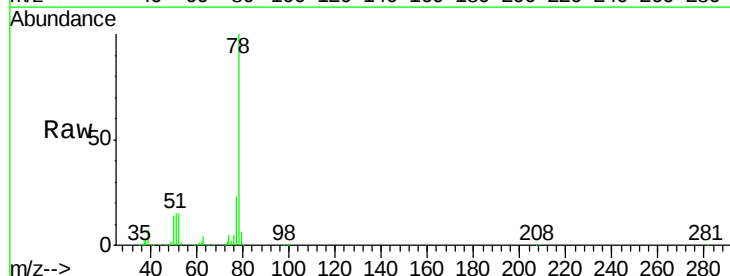
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tgt Ion: 83 Resp: 160907
Ion Ratio Lower Upper
83 100
55 73.8 61.7 92.5
98 49.8 38.7 58.1



#40
Benzene
Concen: 49.39 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion: 78 Resp: 462431
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3

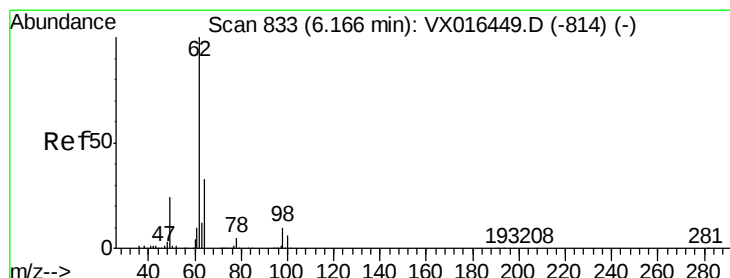
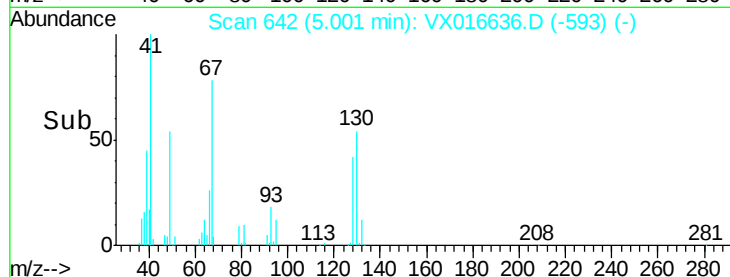
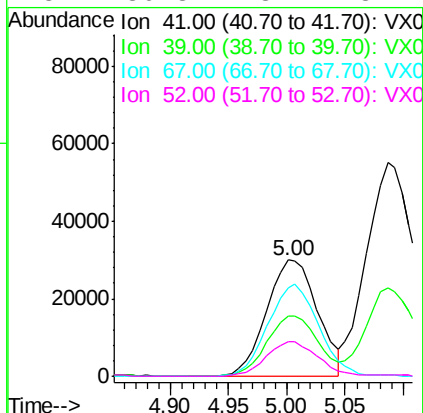
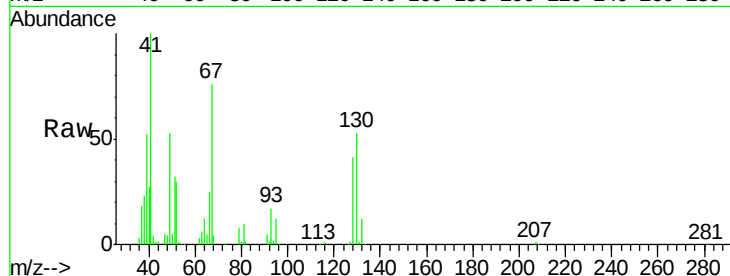




#41
Methacrylonitrile
Concen: 43.90 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

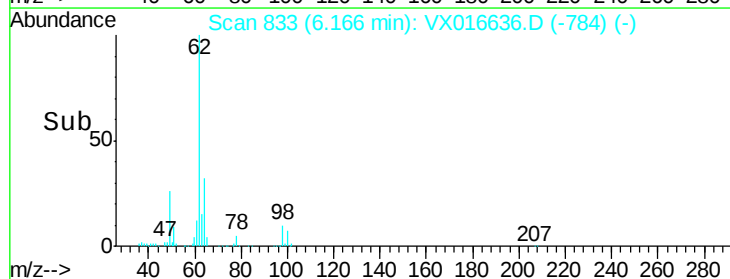
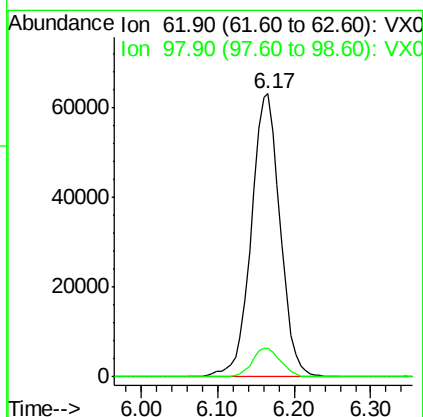
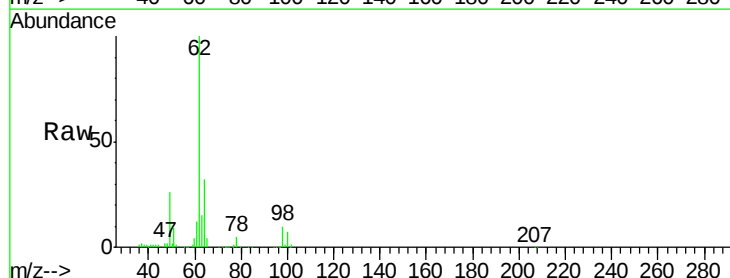
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tgt Ion:	41	Resp:	91009
Ion	Ratio	Lower	Upper
41	100		
39	52.4	43.0	64.4
67	79.0	58.9	88.3
52	30.3	23.1	34.7



#42
1,2-Dichloroethane
Concen: 49.98 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion:	62	Resp:	166400
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8

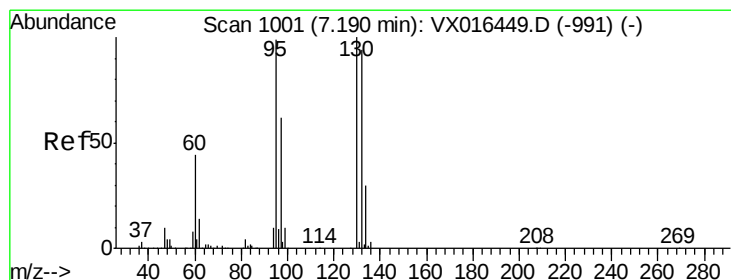
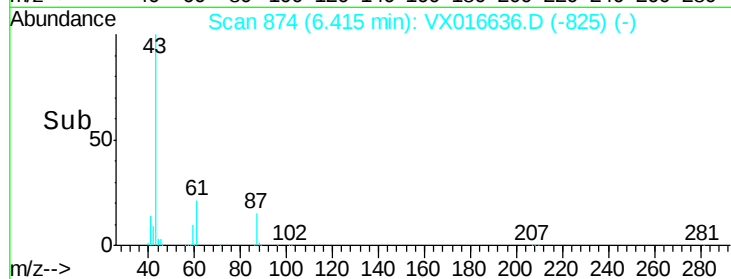
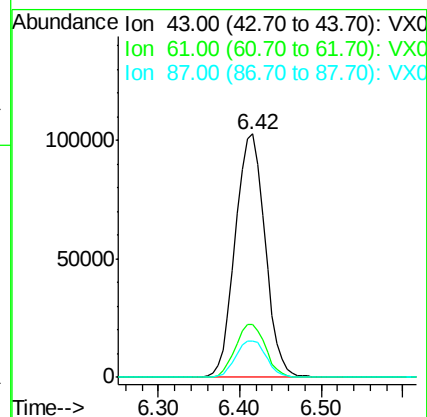
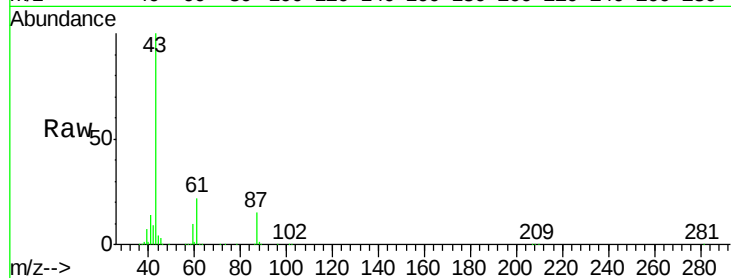




#43
Isopropyl Acetate
Concen: 43.88 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

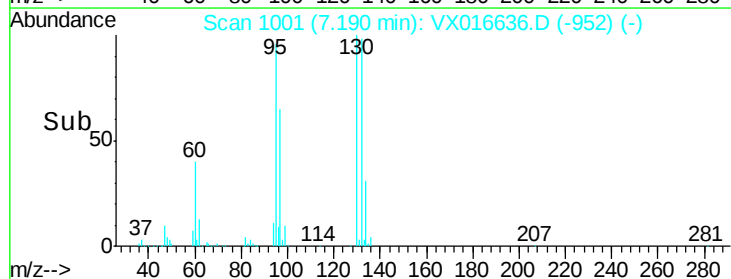
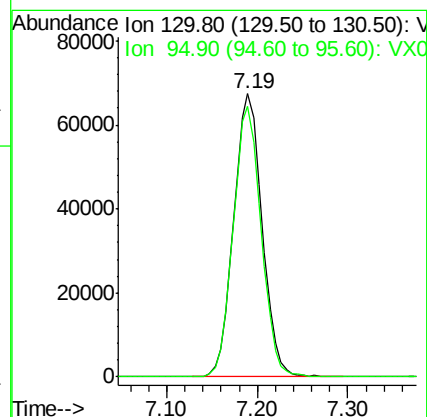
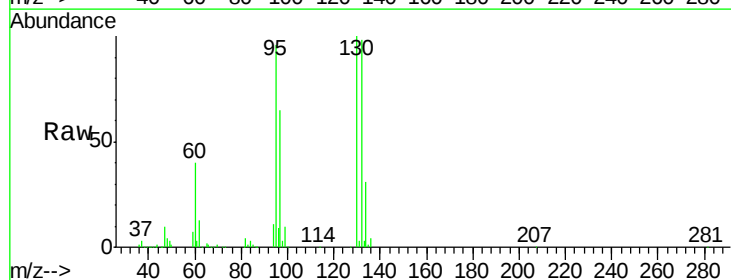
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

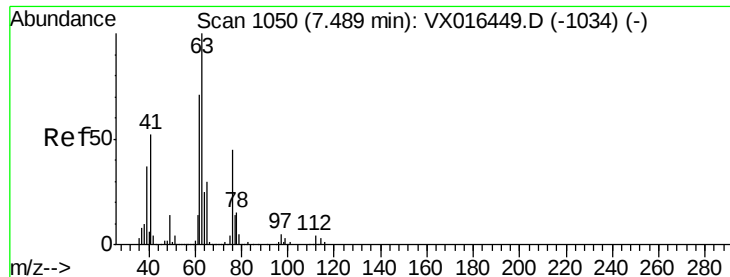
Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.2	16.8	25.2
87	15.4	11.2	16.8



#44
Trichloroethene
Concen: 49.36 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	198.2

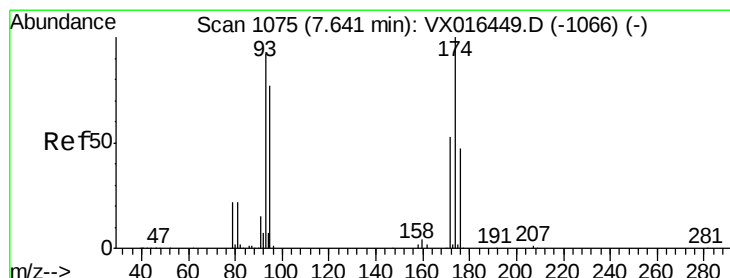
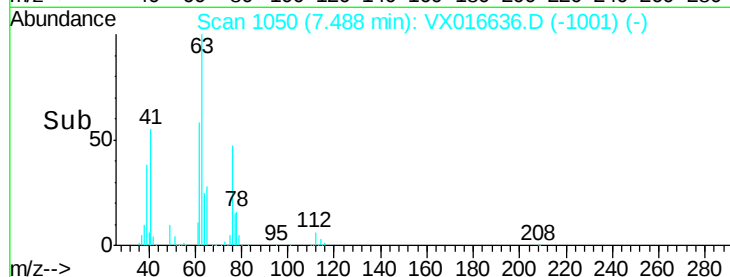
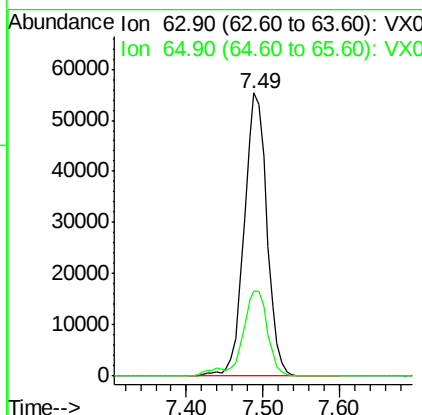
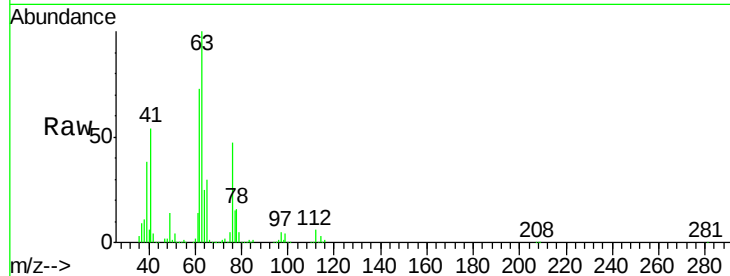




#45
 1,2-Dichloropropane
 Concen: 47.84 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

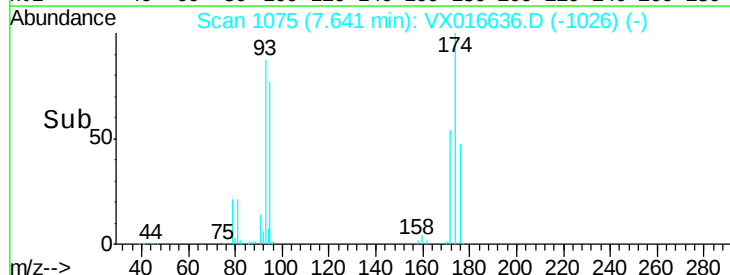
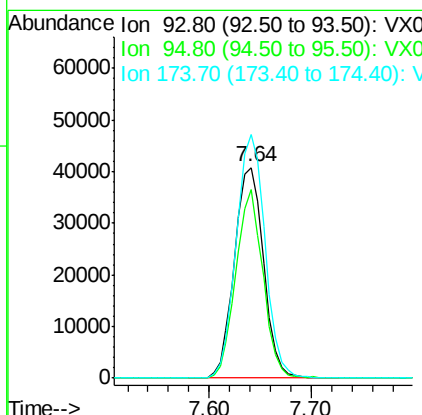
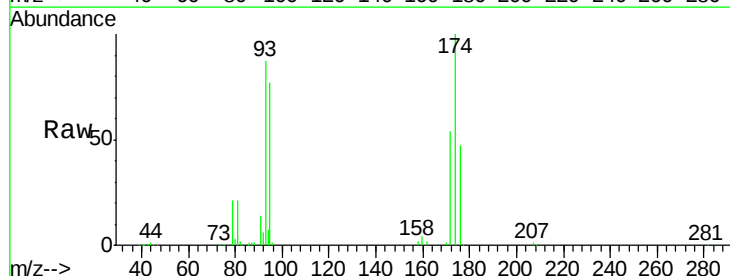
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

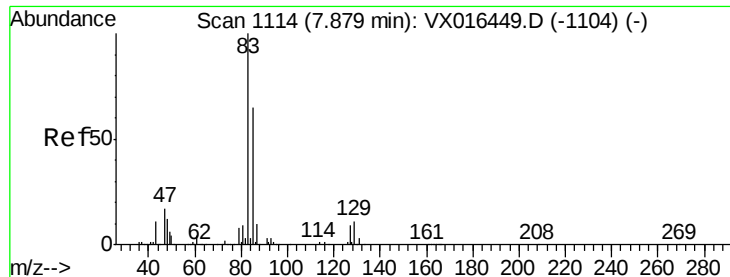
Tgt Ion: 63 Resp: 114025
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.2 36.2



#46
 Dibromomethane
 Concen: 50.52 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion: 93 Resp: 80874
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 100.0
 174 114.4 86.2 129.4





#47

Bromodichloromethane

Concen: 51.28 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

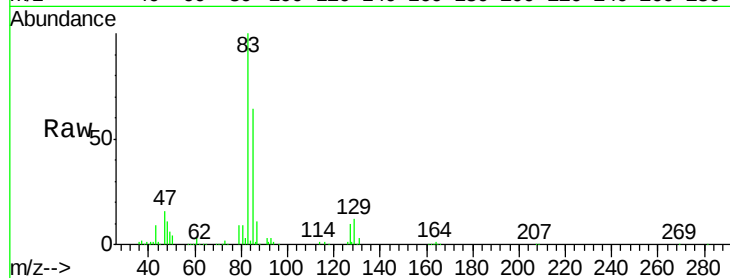
Tgt Ion: 83 Resp: 169988

Ion Ratio Lower Upper

83 100

85 64.0 52.0 78.0

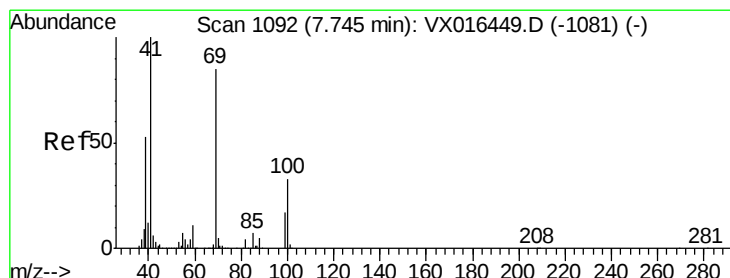
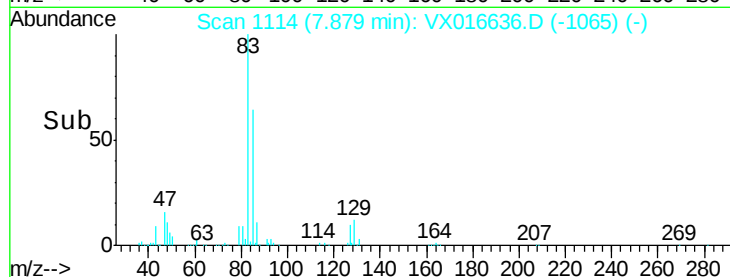
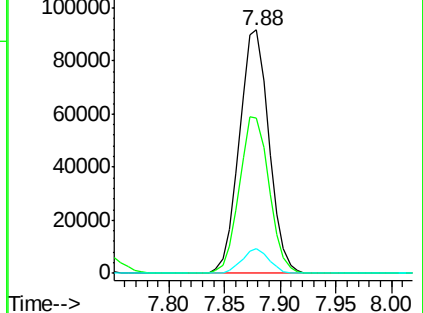
127 10.0 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 45.52 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

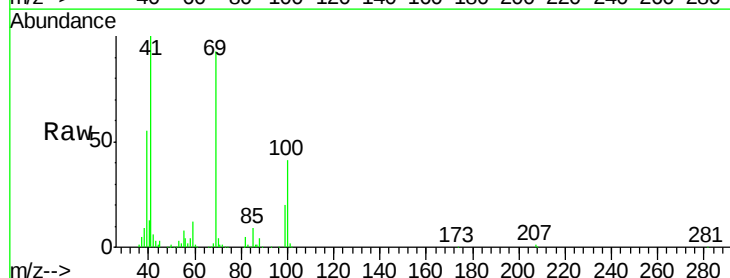
Tgt Ion: 41 Resp: 128311

Ion Ratio Lower Upper

41 100

69 91.5 68.6 102.8

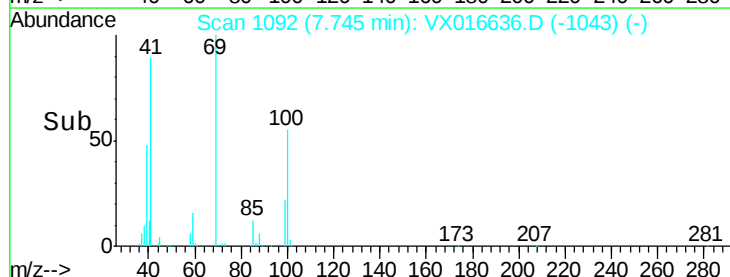
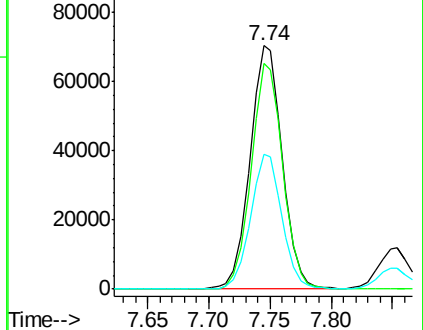
39 54.0 42.4 63.6

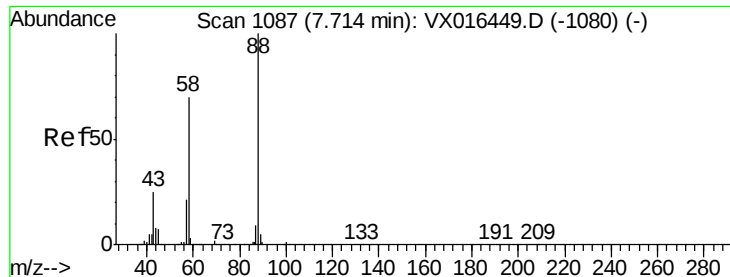


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

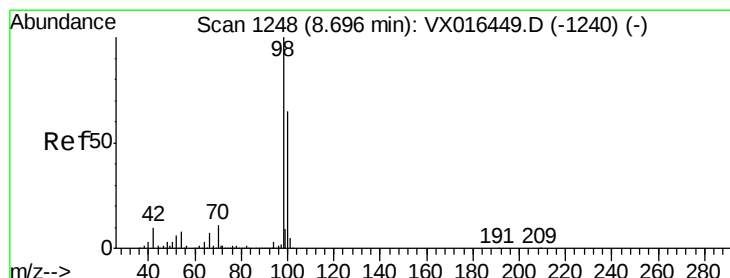
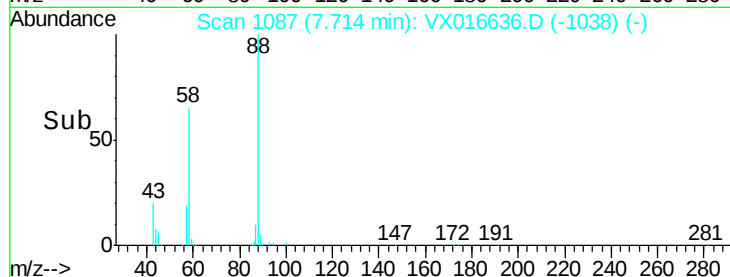
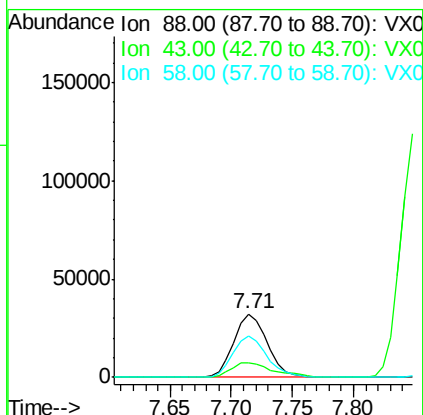
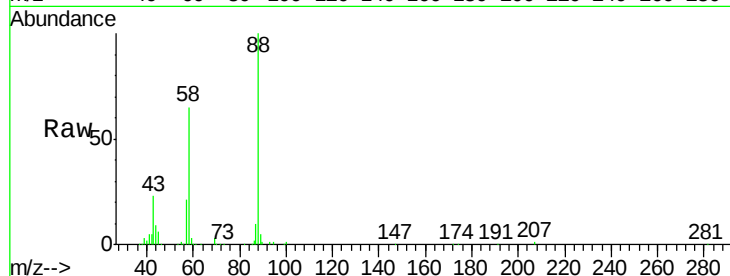




#49
1,4-Dioxane
Concen: 921.34 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

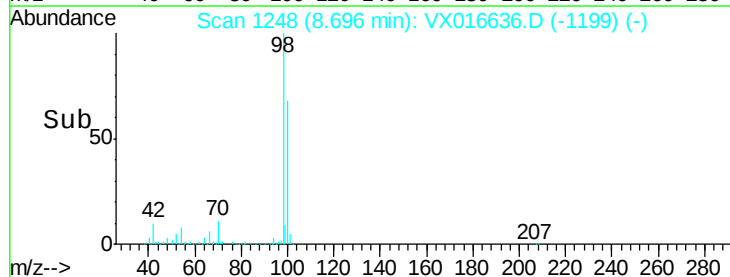
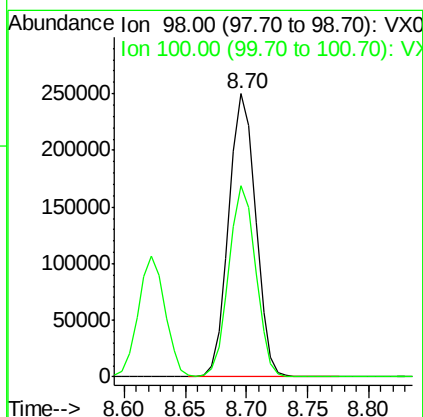
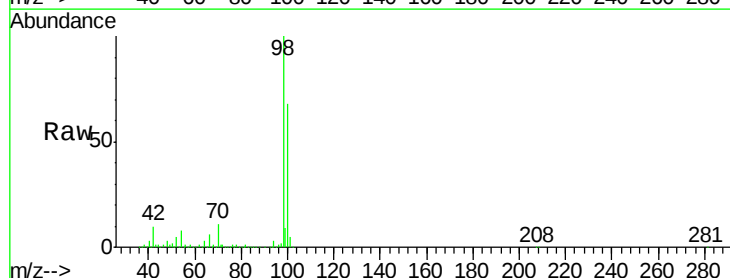
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tgt Ion: 88 Resp: 60781
Ion Ratio Lower Upper
88 100
43 30.4 24.2 36.4
58 68.1 56.5 84.7



#50
Toluene-d8
Concen: 48.07 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion: 98 Resp: 382545
Ion Ratio Lower Upper
98 100
100 67.2 53.8 80.6

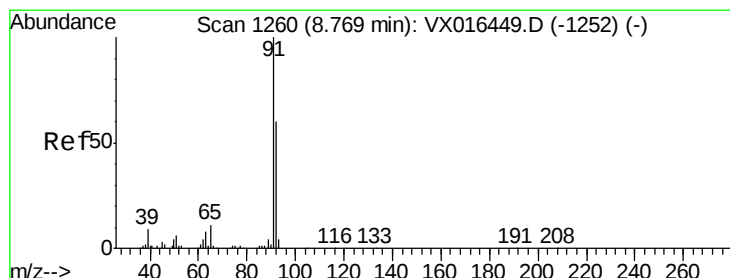
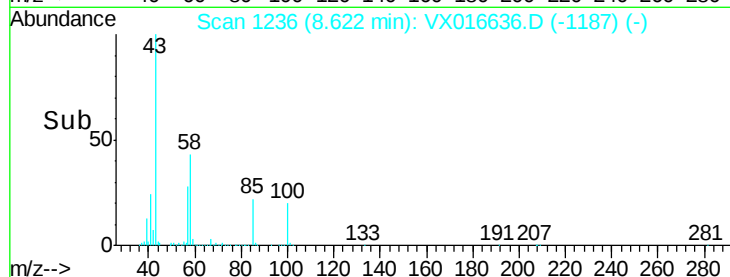
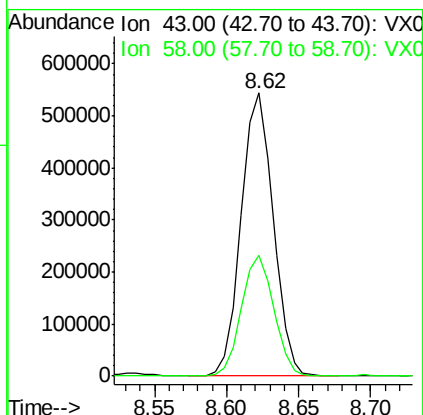
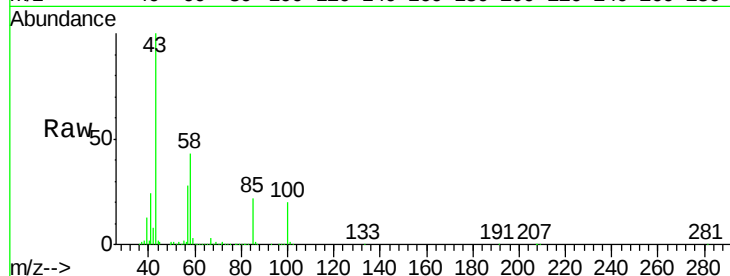




#51
 4-Methyl-2-Pentanone
 Concen: 229.65 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

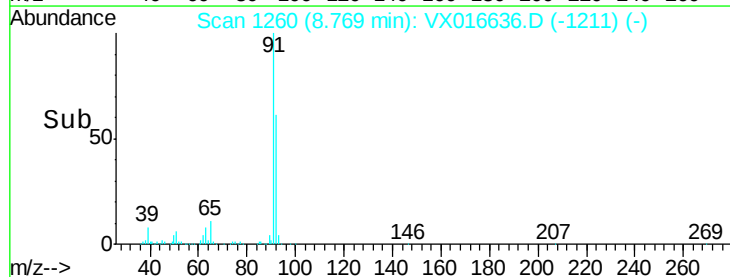
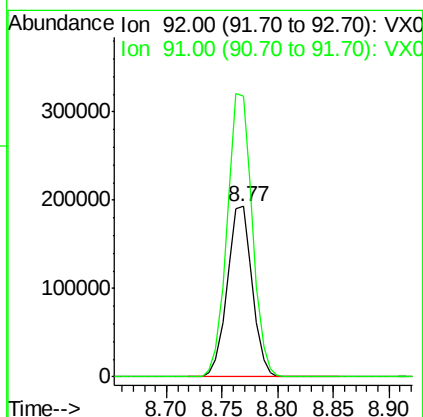
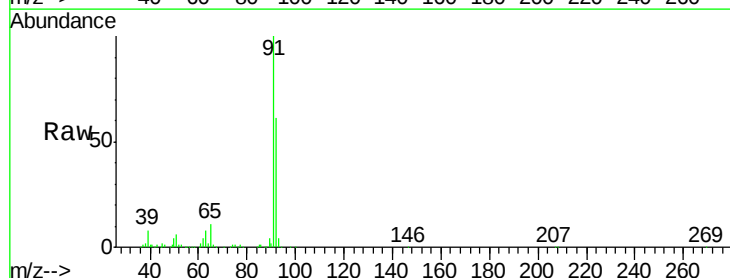
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Tgt Ion: 43 Resp: 841865
 Ion Ratio Lower Upper
 43 100
 58 43.0 33.0 49.6



#52
 Toluene
 Concen: 50.68 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion: 92 Resp: 299205
 Ion Ratio Lower Upper
 92 100
 91 167.1 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 51.45 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

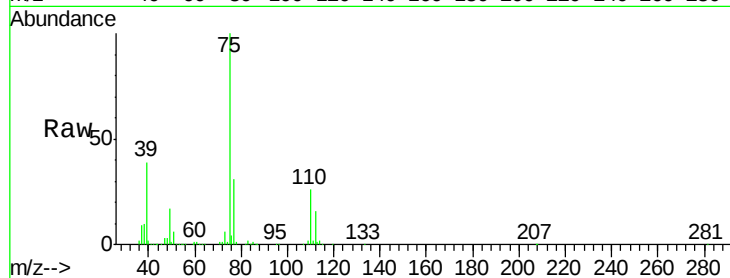
SA-PZ134I-20200604MS

Tgt Ion: 75 Resp: 193942

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

150000

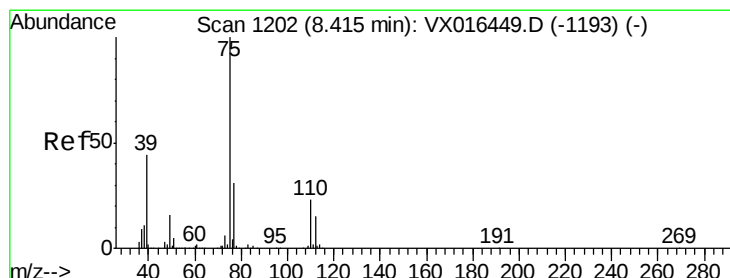
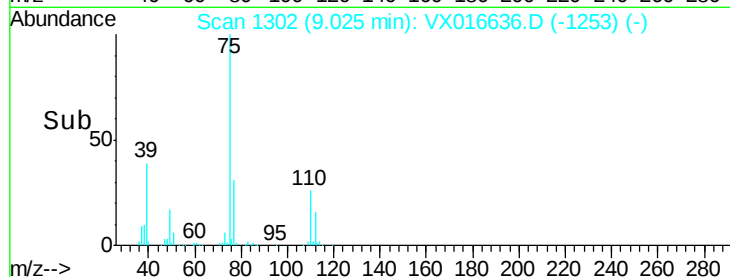
100000

50000

0

8.95 9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.86 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

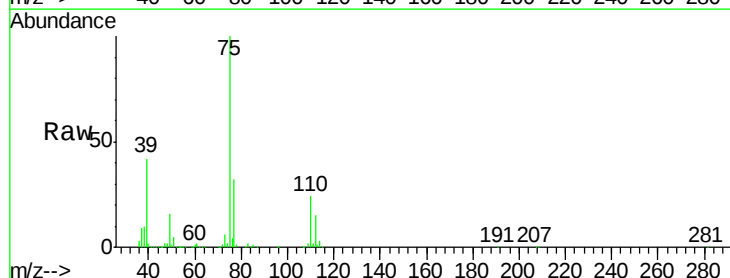
Tgt Ion: 75 Resp: 198932

Ion Ratio Lower Upper

75 100

77 32.0 24.6 36.8

39 41.9 35.3 52.9



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

8.42

150000

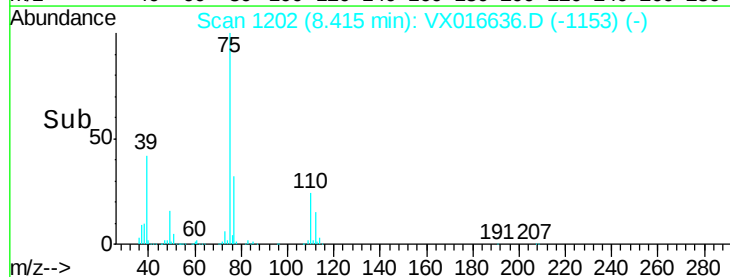
100000

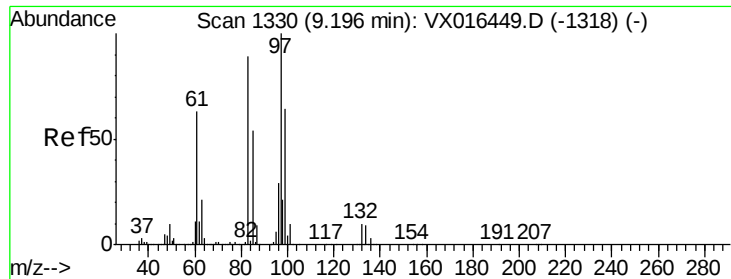
50000

0

8.30 8.35 8.40 8.45 8.50

Time-->

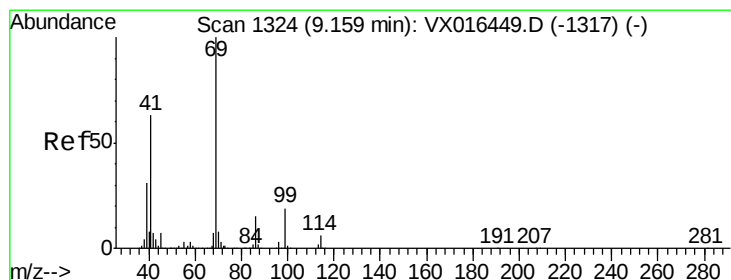
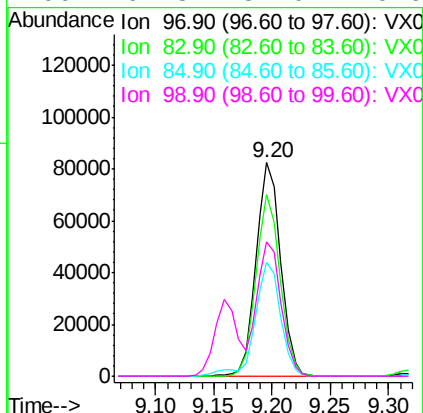
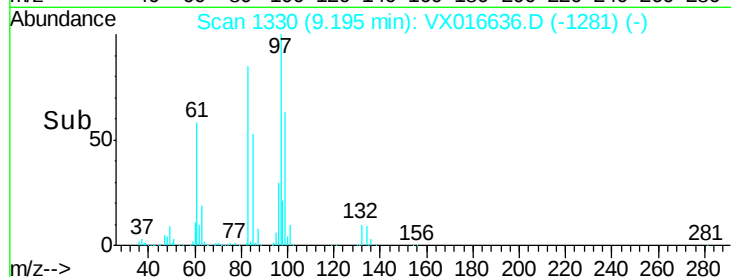
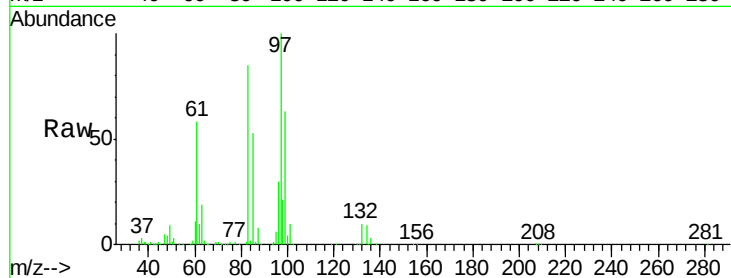




#55
 1,1,2-Trichloroethane
 Concen: 51.74 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

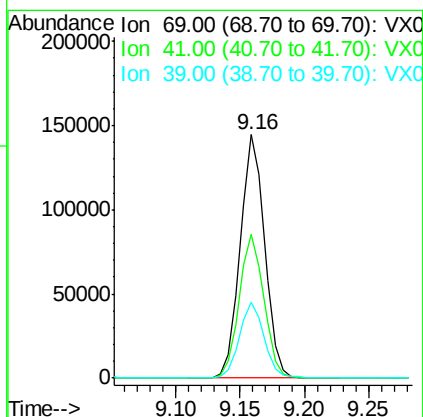
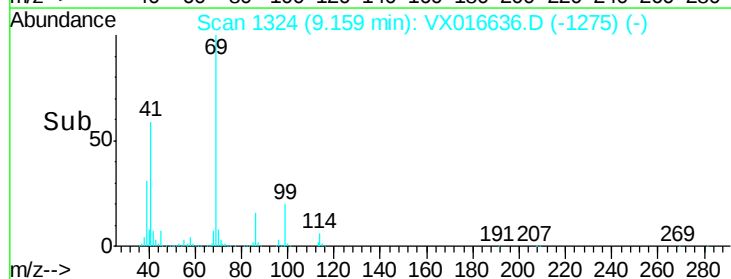
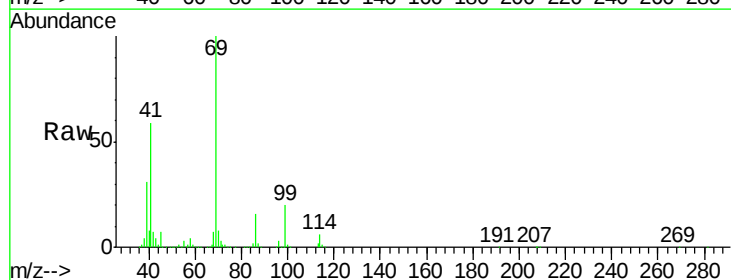
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Tgt Ion:	97	Resp:	121447
Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.9	106.3
85	53.4	43.4	65.2
99	62.8	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 49.70 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion:	69	Resp:	190012
Ion	Ratio	Lower	Upper
69	100		
41	59.5	50.7	76.1
39	31.4	25.8	38.6





#57

1,3-Dichloropropane

Concen: 50.13 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

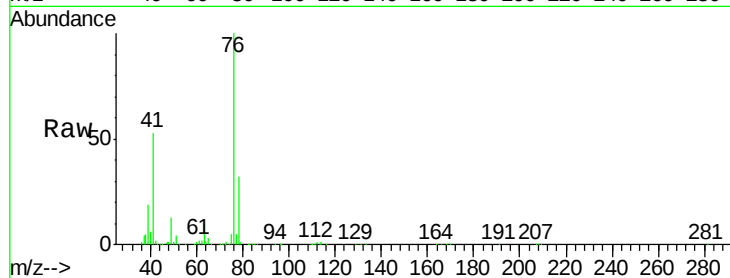
SA-PZ134I-20200604MS

Tgt Ion: 76 Resp: 201984

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

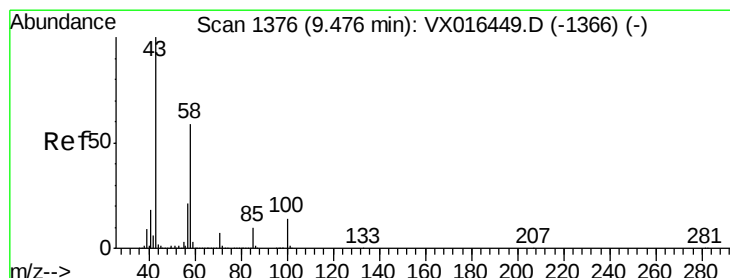
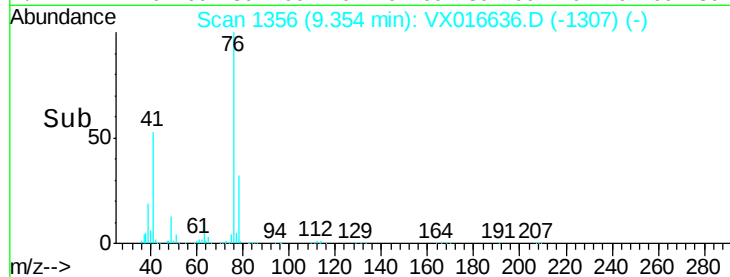
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 230.25 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016636.D

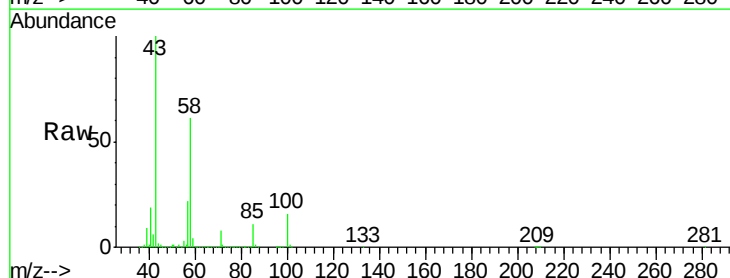
Acq: 08 Jun 2020 14:21

Tgt Ion: 43 Resp: 656390

Ion Ratio Lower Upper

43 100

58 59.7 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

500000

400000

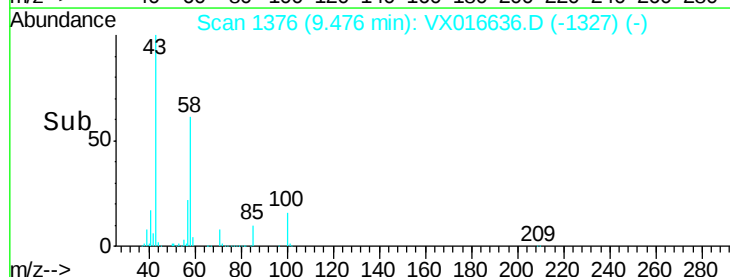
300000

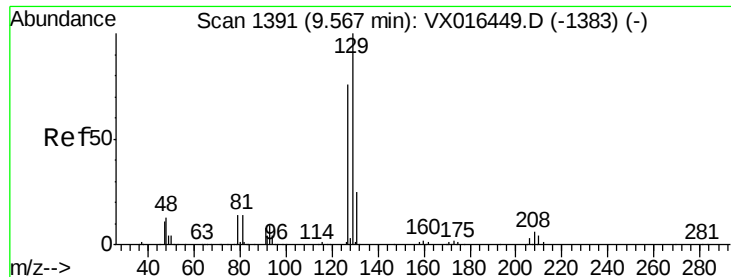
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 54.46 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

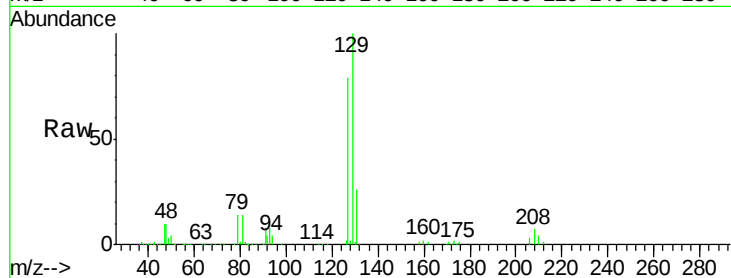
SA-PZ134I-20200604MS

Tgt Ion:129 Resp: 143857

Ion Ratio Lower Upper

129 100

127 77.9 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

100000

80000

60000

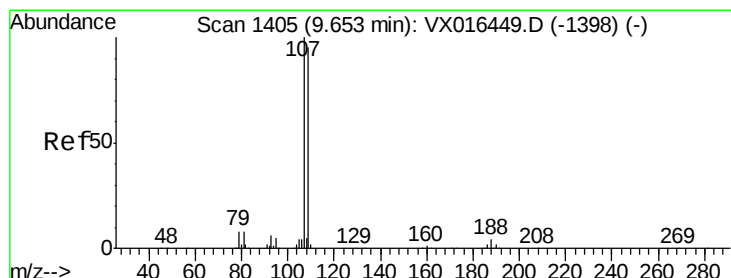
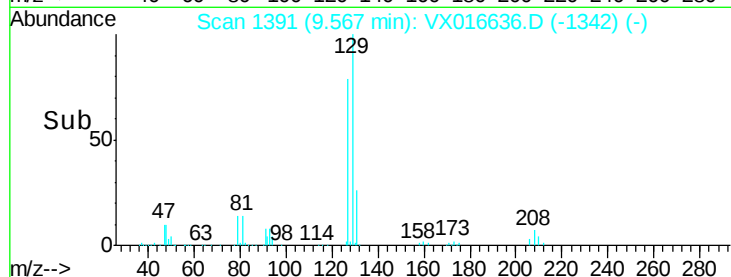
40000

20000

0

Time-->

9.50 9.55 9.60 9.65



#61

1,2-Dibromoethane

Concen: 51.77 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016636.D

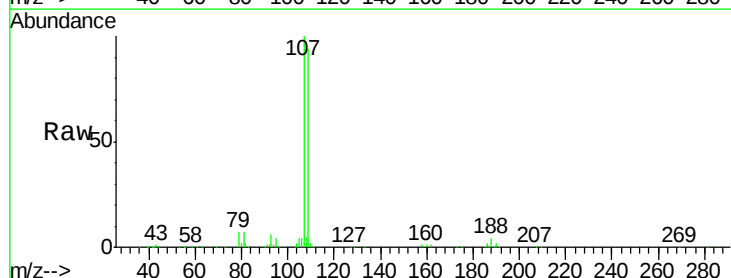
Acq: 08 Jun 2020 14:21

Tgt Ion:107 Resp: 130140

Ion Ratio Lower Upper

107 100

109 94.3 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

60000

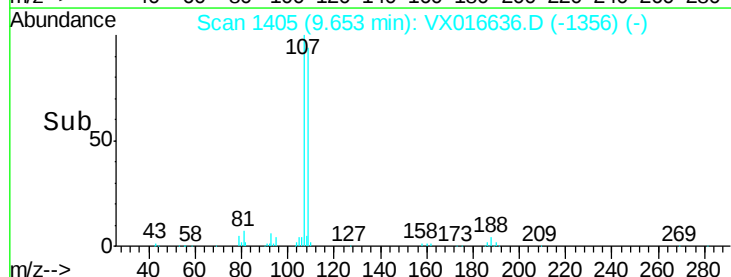
40000

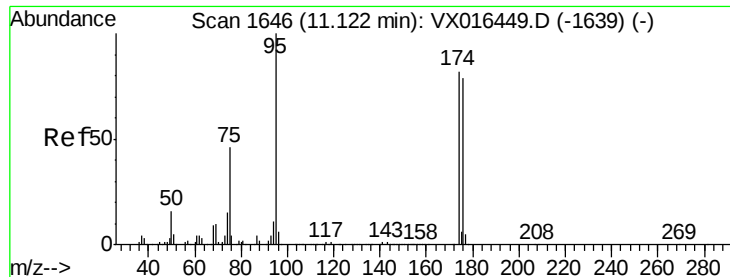
20000

0

Time-->

9.60 9.65 9.70 9.75

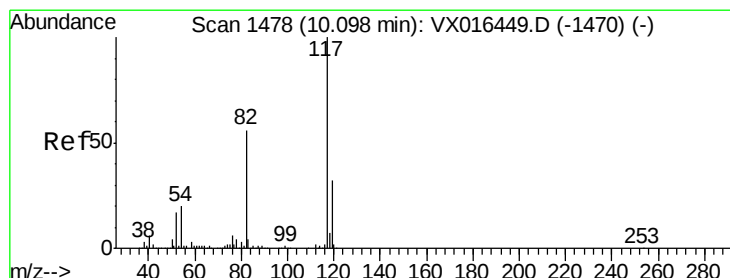
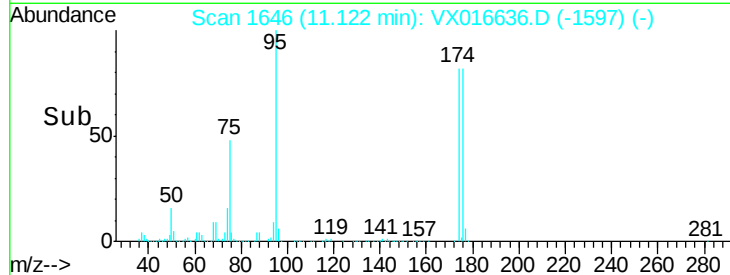
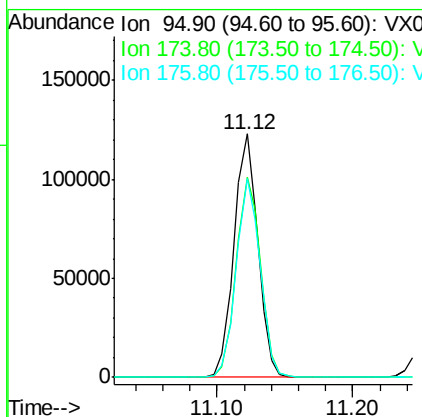
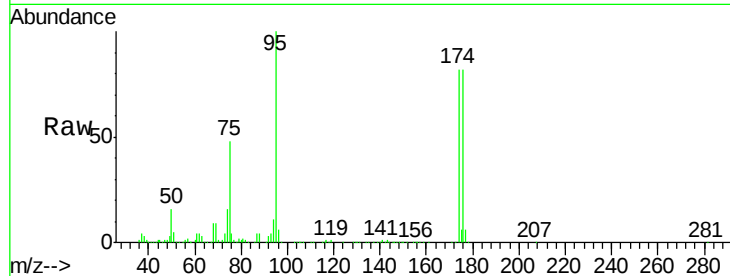




#62
4-Bromofluorobenzene
Concen: 48.72 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

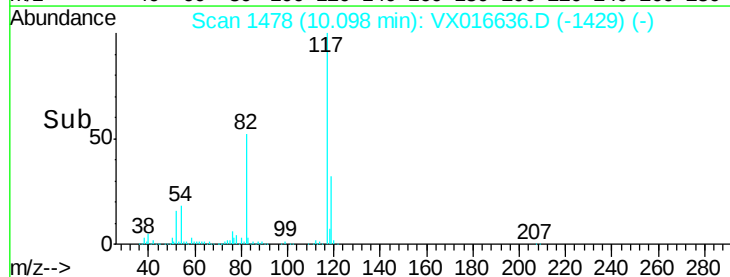
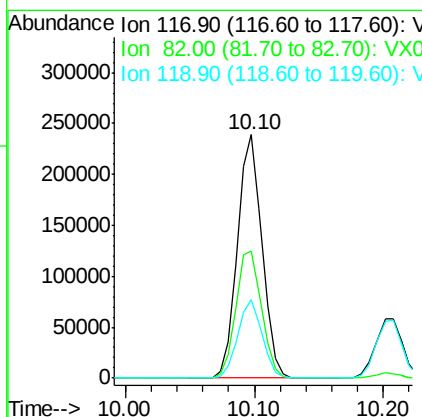
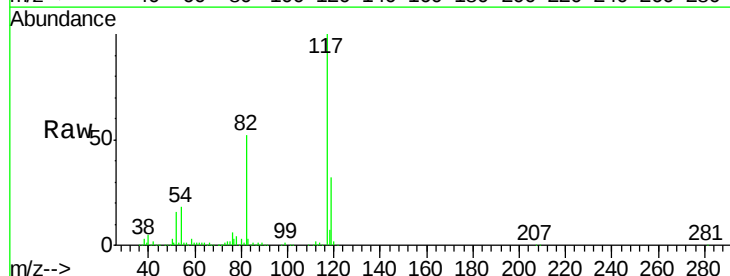
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

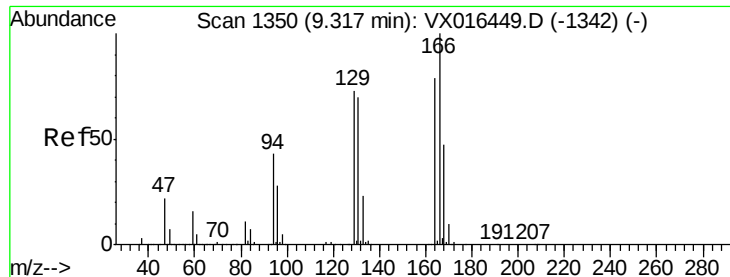
Tgt Ion: 95 Resp: 149813
Ion Ratio Lower Upper
95 100
174 84.1 0.0 163.0
176 81.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion: 117 Resp: 316032
Ion Ratio Lower Upper
117 100
82 52.2 45.0 67.6
119 32.2 25.8 38.8





#64

Tetrachloroethene

Concen: 49.01 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

Tgt Ion:164 Resp: 173270

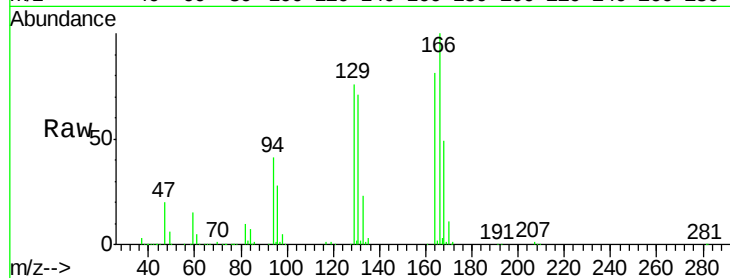
Ion Ratio Lower Upper

164 100

166 122.7 100.9 151.3

129 93.1 73.2 109.8

131 86.8 70.8 106.2

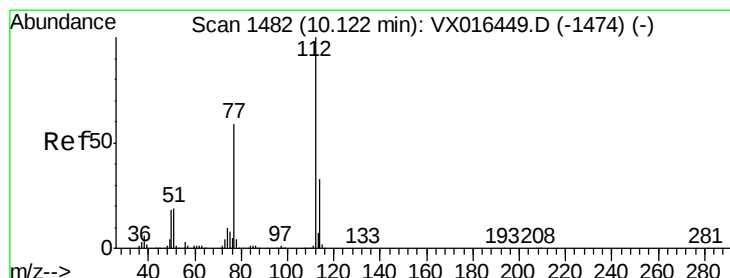
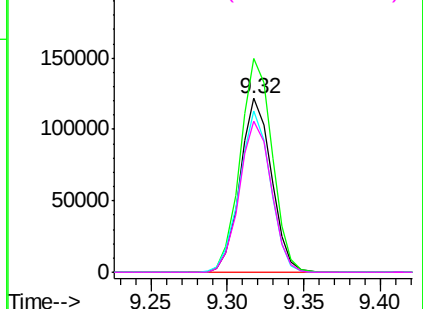
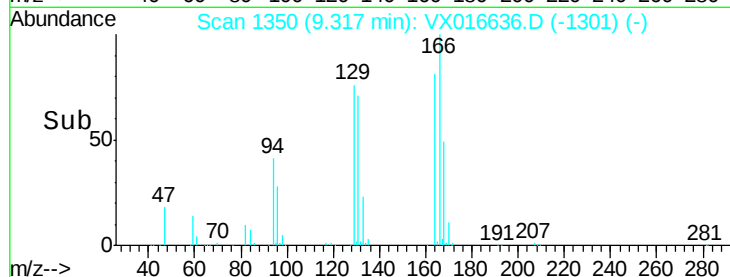


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.13 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016636.D

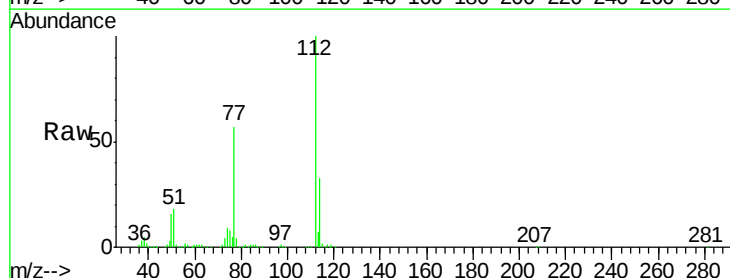
Acq: 08 Jun 2020 14:21

Tgt Ion:112 Resp: 322970

Ion Ratio Lower Upper

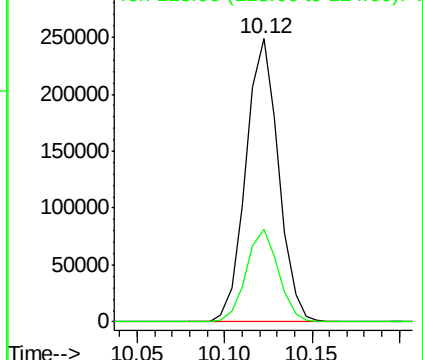
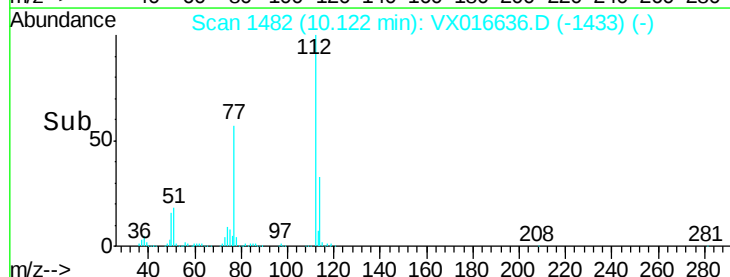
112 100

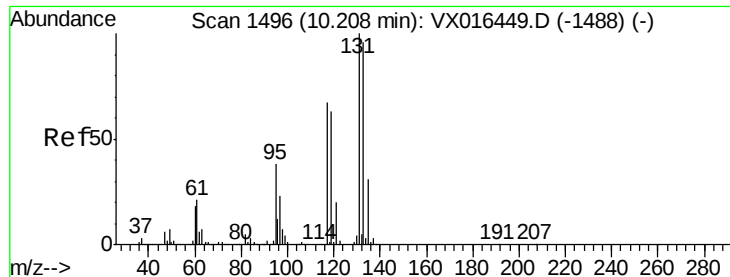
114 32.6 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

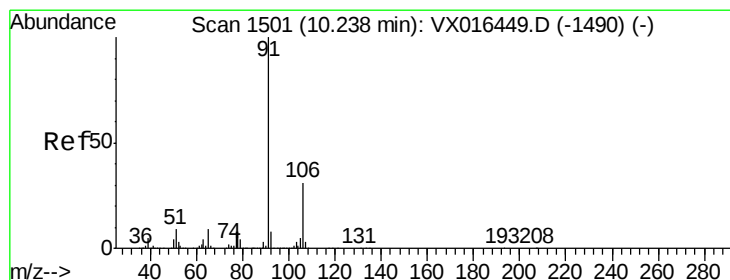
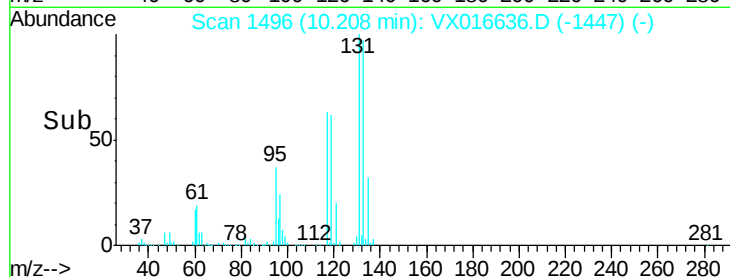
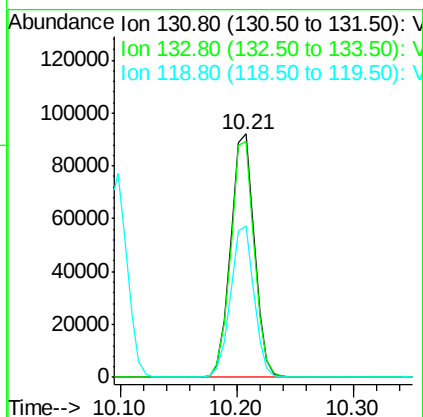
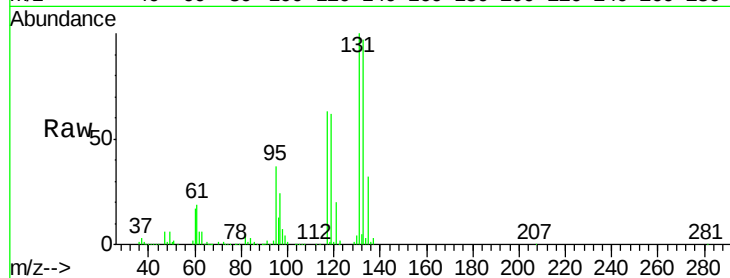




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.31 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

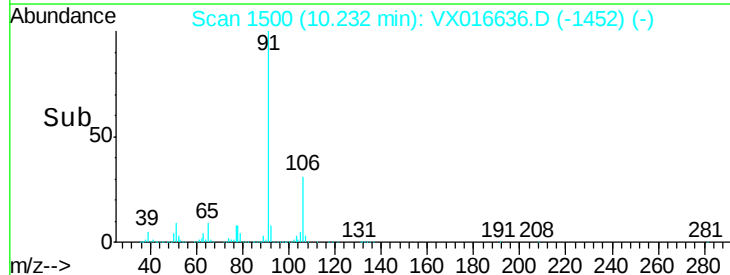
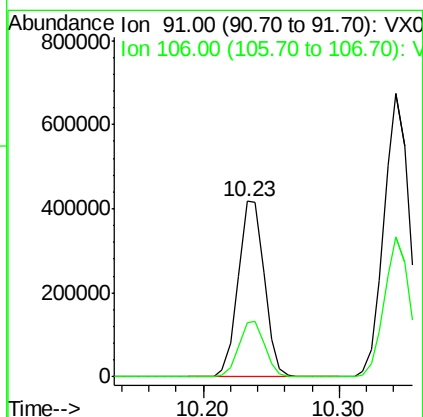
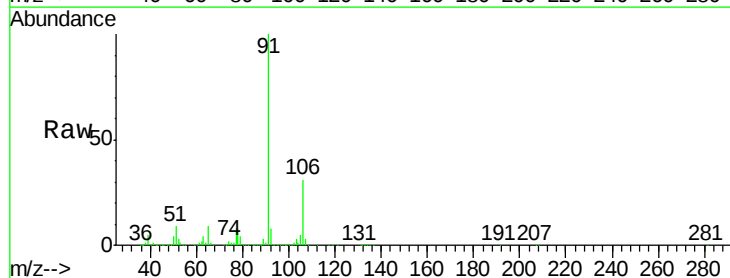
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

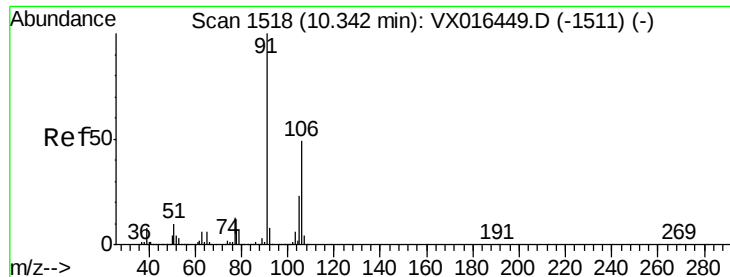
Tgt Ion:131 Resp: 131103
 Ion Ratio Lower Upper
 131 100
 133 96.6 48.4 145.3
 119 61.7 32.0 96.2



#67
 Ethyl Benzene
 Concen: 48.98 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion: 91 Resp: 561921
 Ion Ratio Lower Upper
 91 100
 106 30.6 25.0 37.4

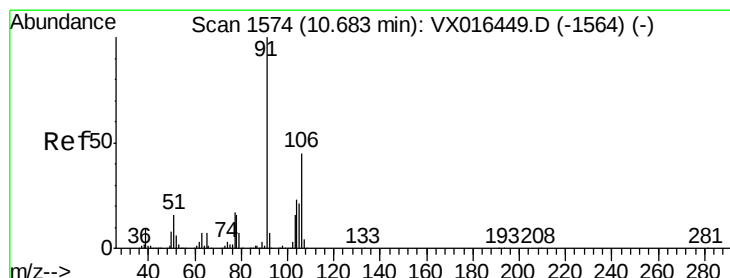
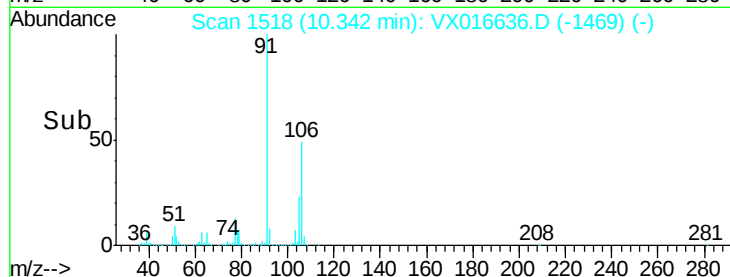
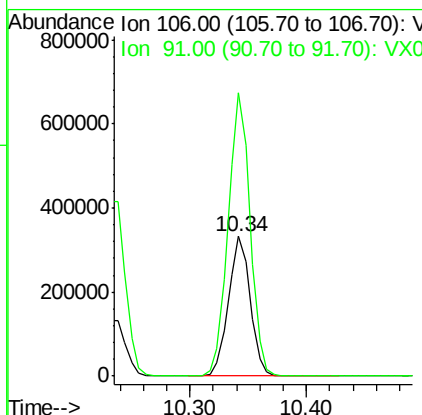
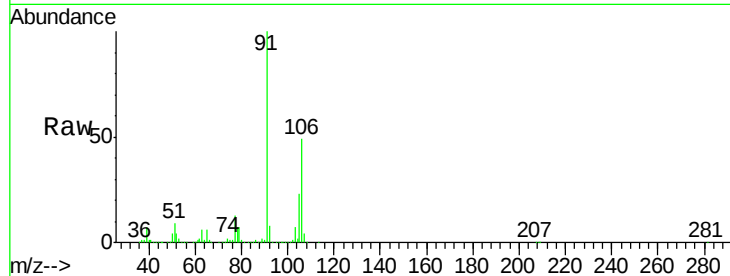




#68
m/p-Xylenes
Concen: 101.41 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

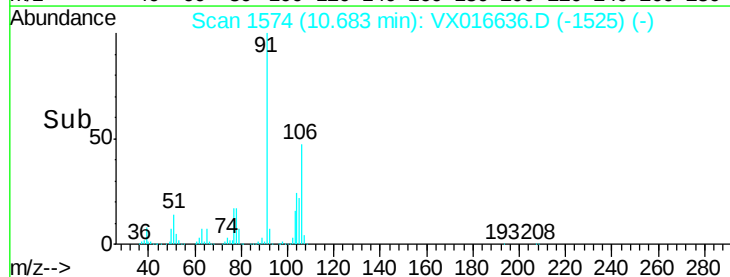
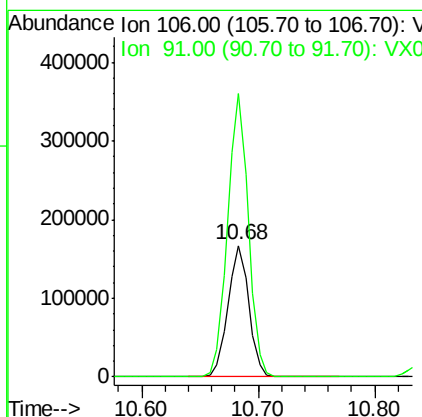
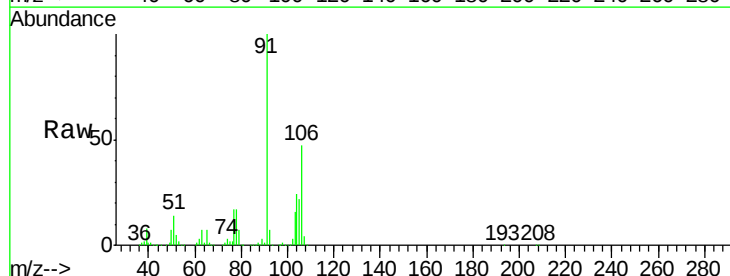
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

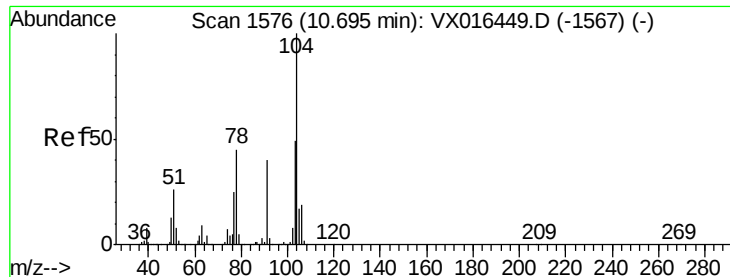
Tgt Ion:106 Resp: 431329
Ion Ratio Lower Upper
106 100
91 204.3 163.8 245.8



#69
o-Xylene
Concen: 50.65 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion:106 Resp: 208621
Ion Ratio Lower Upper
106 100
91 213.7 109.6 328.8





#70

Styrene

Concen: 51.57 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

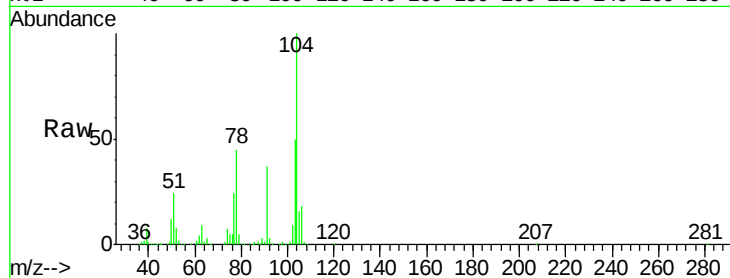
Tgt Ion:104 Resp: 365115

Ion Ratio Lower Upper

104 100

78 50.6 40.2 60.2

103 54.2 43.1 64.7

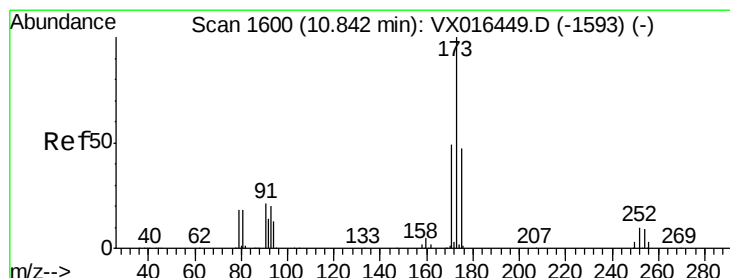
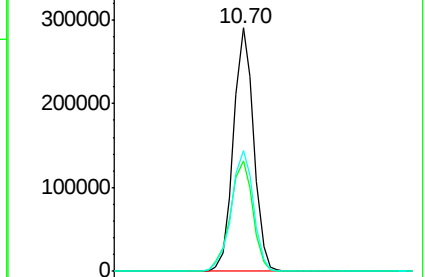
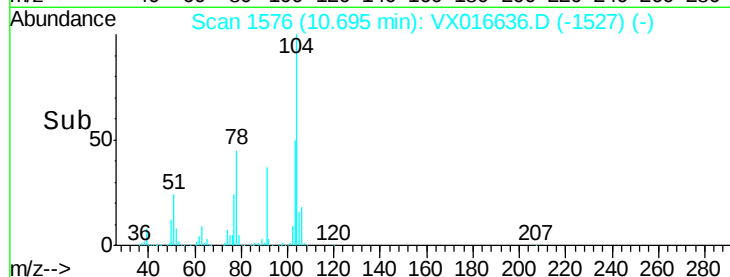


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V

Time-->



#71

Bromoform

Concen: 54.67 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

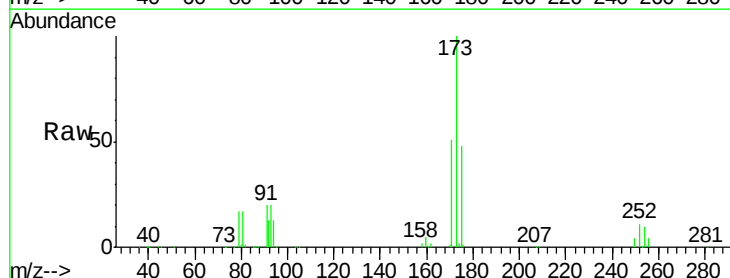
Tgt Ion:173 Resp: 113634

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.7

254 0.0 0.1 0.1#

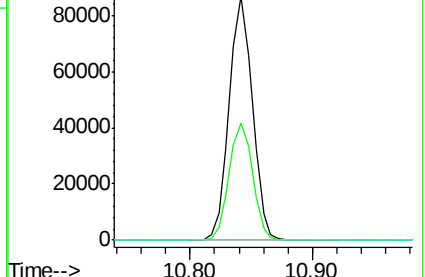
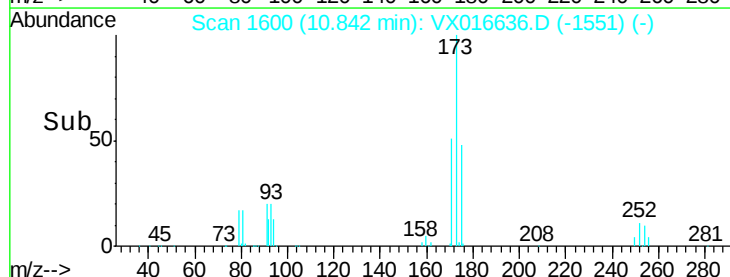


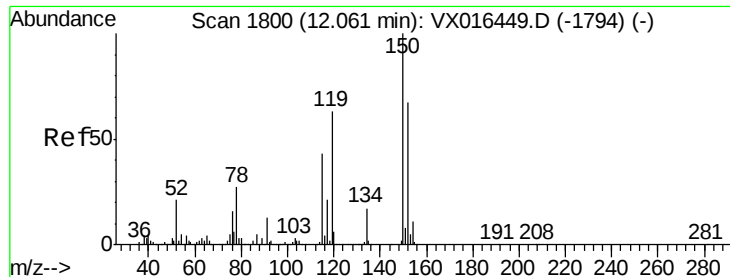
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

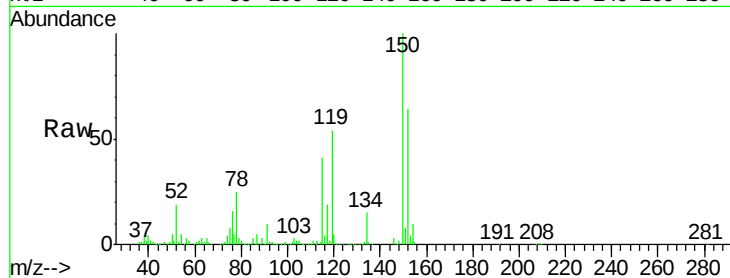
Tgt Ion:152 Resp: 163503

Ion Ratio Lower Upper

152 100

115 80.7 39.9 119.6

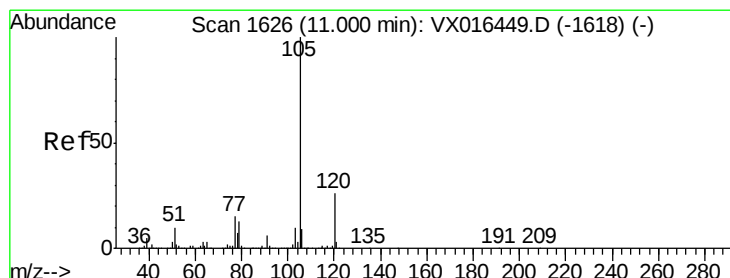
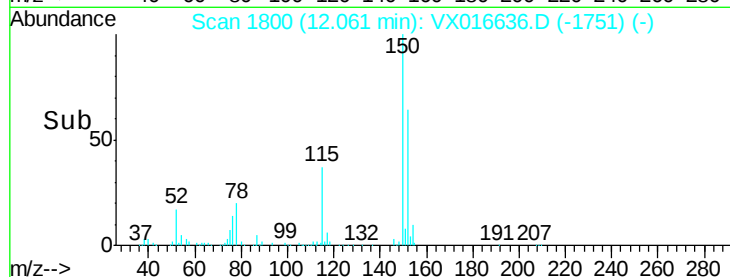
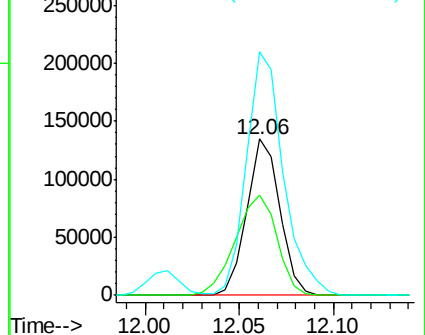
150 175.2 0.0 341.0



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: 49.76 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016636.D

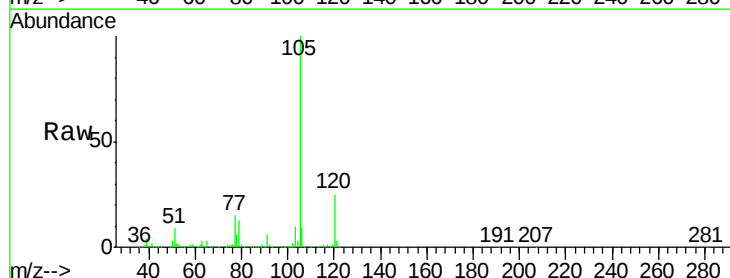
Acq: 08 Jun 2020 14:21

Tgt Ion:105 Resp: 563730

Ion Ratio Lower Upper

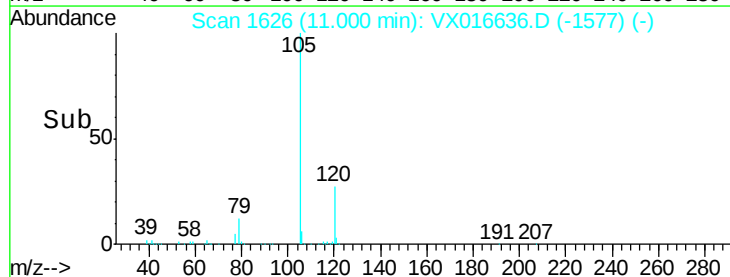
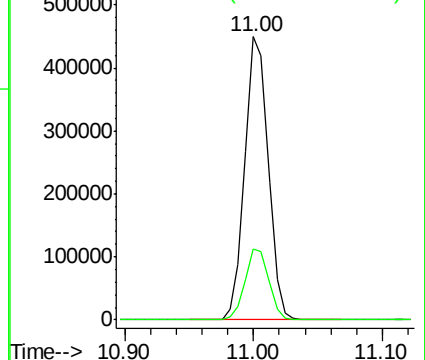
105 100

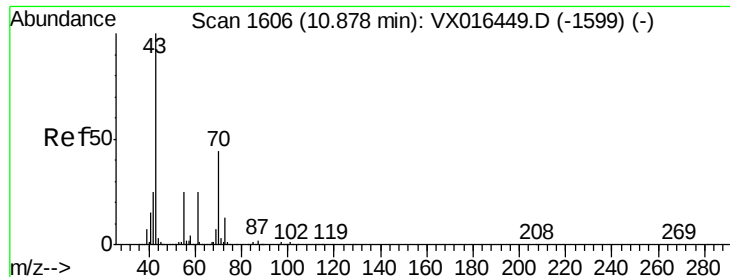
120 25.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 41.51 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

Tgt Ion: 43 Resp: 216285

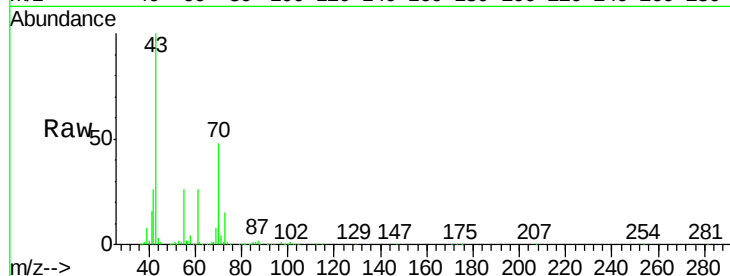
Ion Ratio Lower Upper

43 100

70 49.0 36.1 54.1

55 27.1 20.2 30.4

61 26.8 20.3 30.5

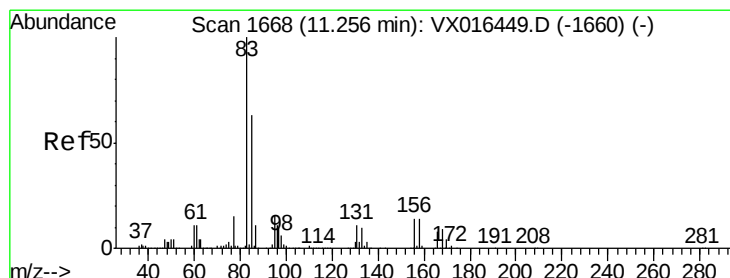
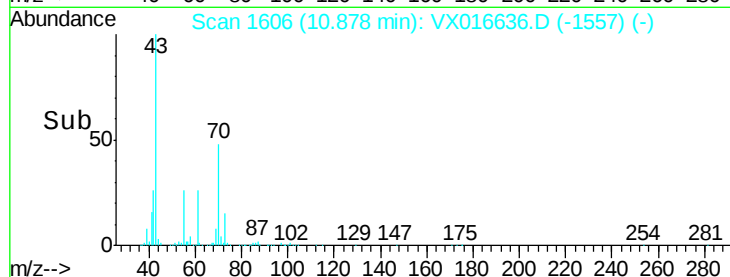
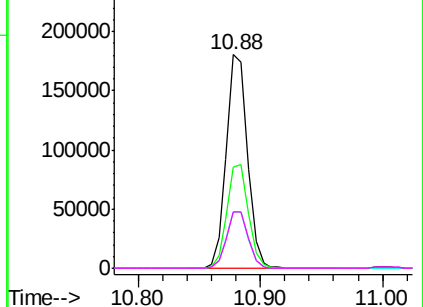


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.11 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

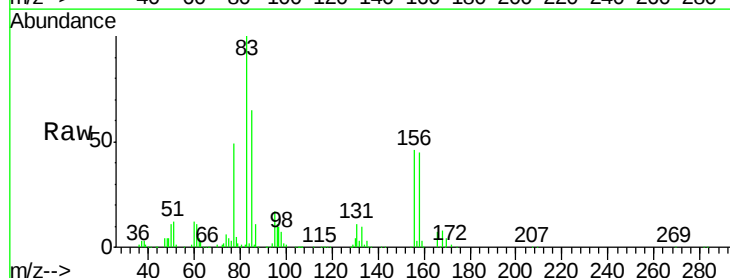
Tgt Ion: 83 Resp: 145118

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

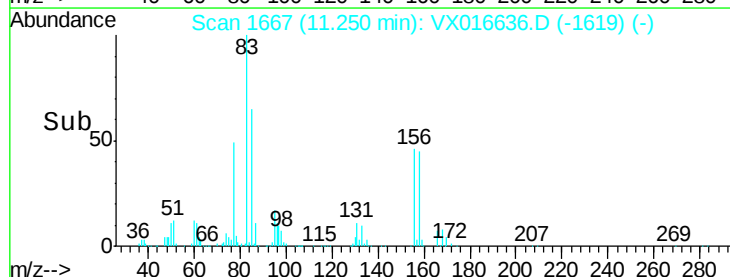
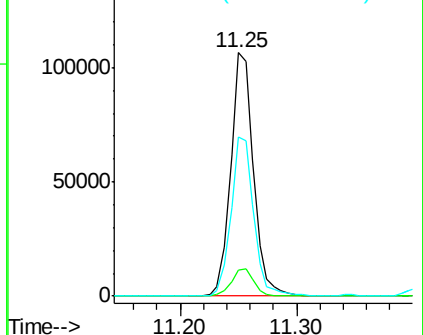
85 65.1 32.0 96.2

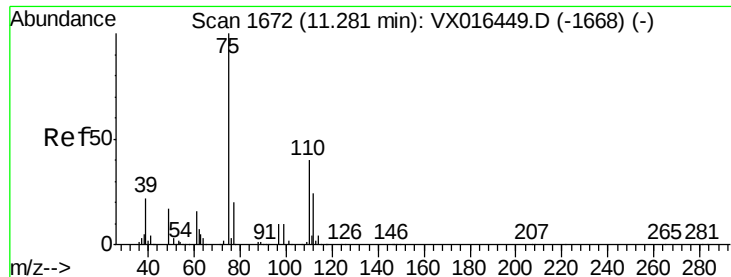


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 63.53 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

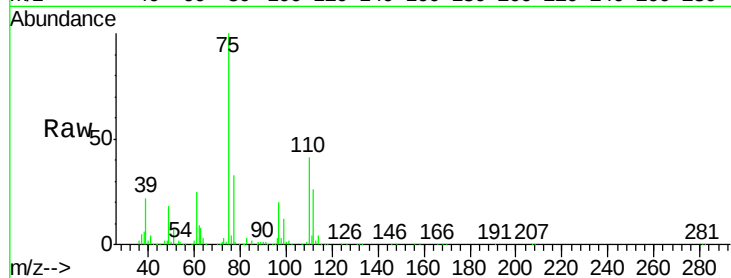
SA-PZ134I-20200604MS

Tgt Ion: 75 Resp: 228333

Ion Ratio Lower Upper

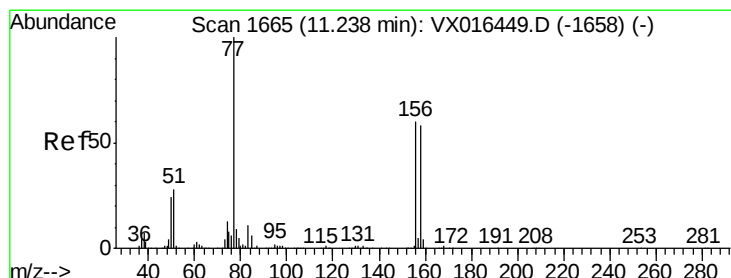
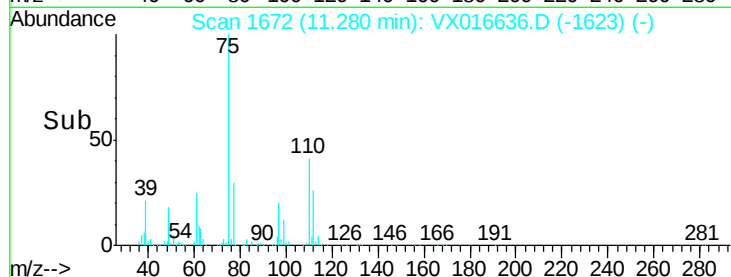
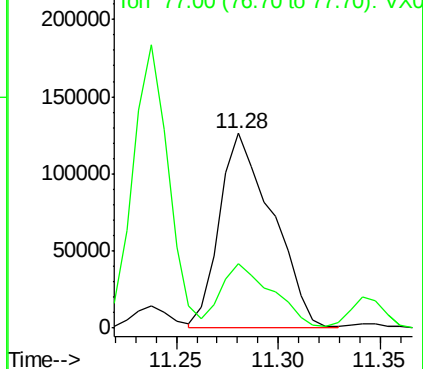
75 100

77 32.0 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 50.73 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

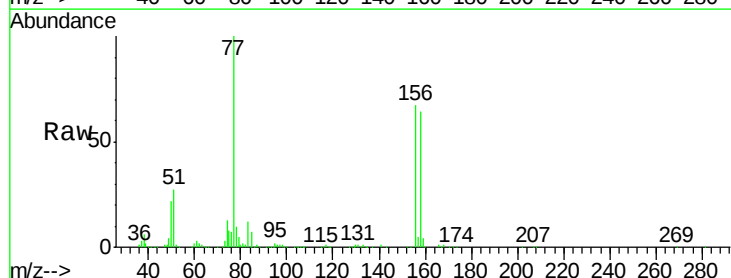
Tgt Ion: 156 Resp: 150746

Ion Ratio Lower Upper

156 100

77 147.9 79.6 238.8

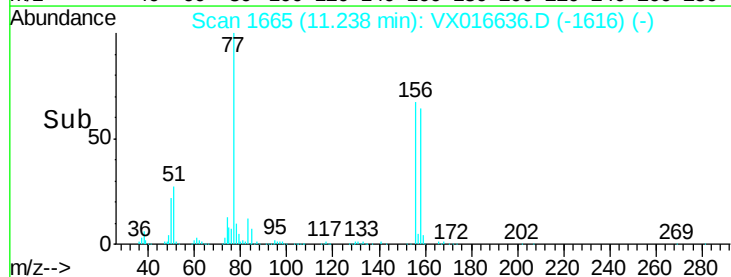
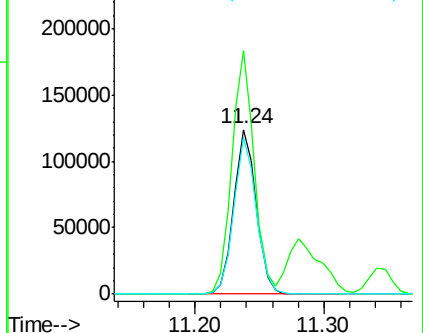
158 95.1 48.1 144.4

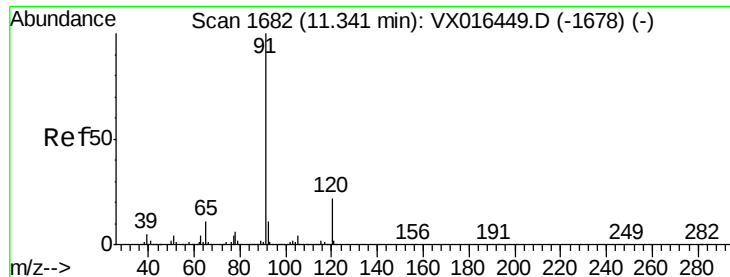


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

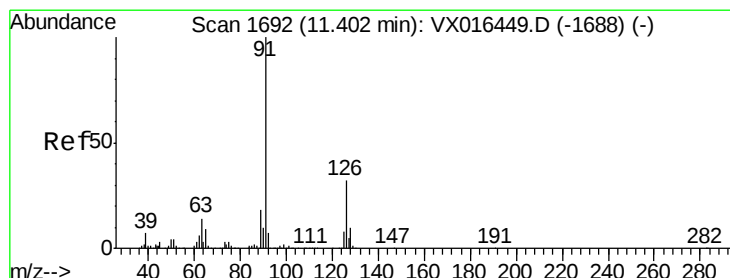
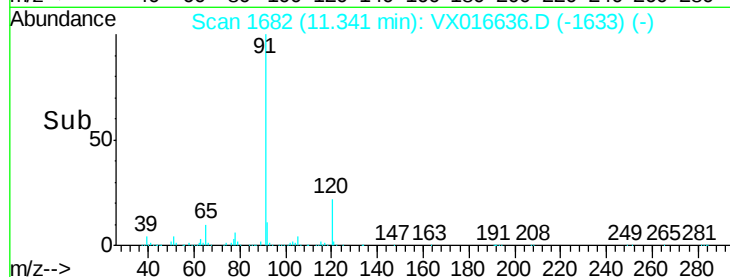
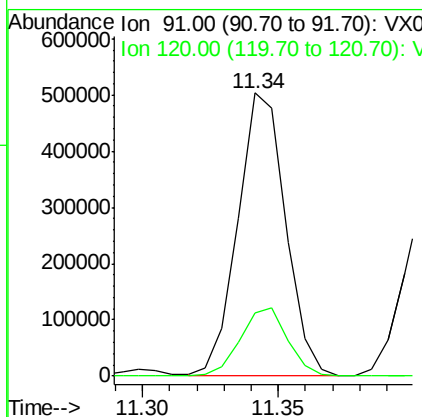
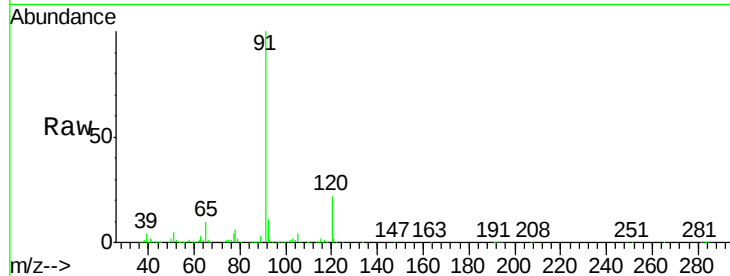




#78
n-propylbenzene
Concen: 48.07 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

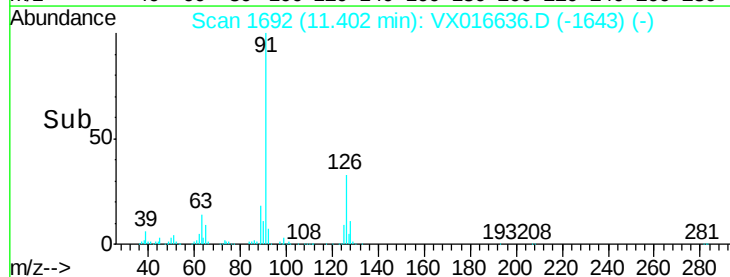
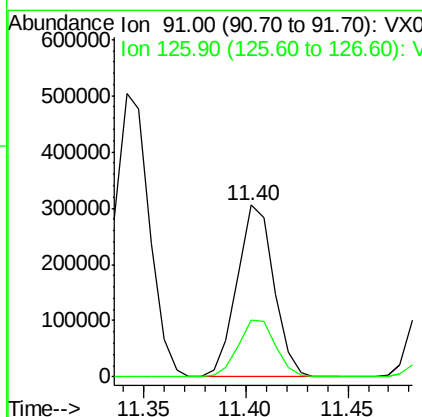
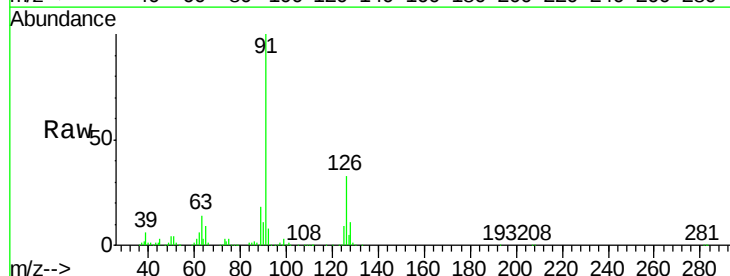
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

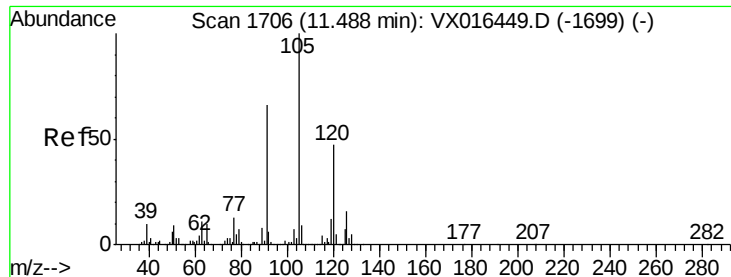
Tgt Ion: 91 Resp: 608439
Ion Ratio Lower Upper
91 100
120 24.0 11.6 34.7



#79
2-Chlorotoluene
Concen: 49.39 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion: 91 Resp: 381604
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.3

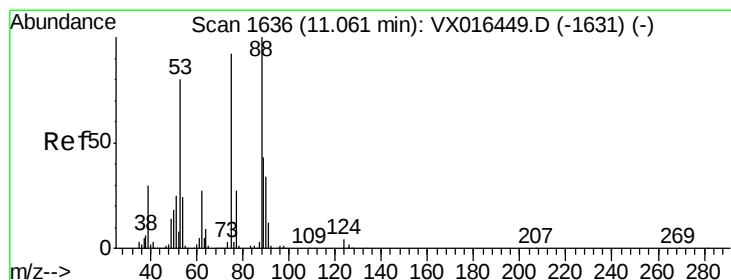
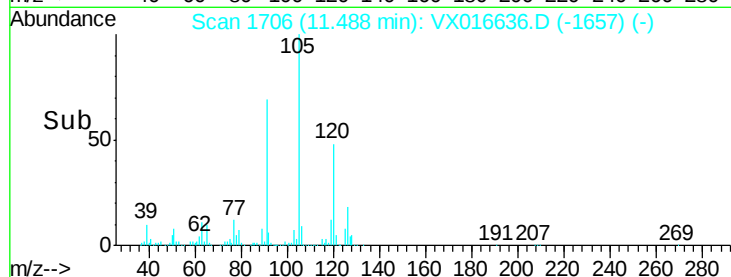
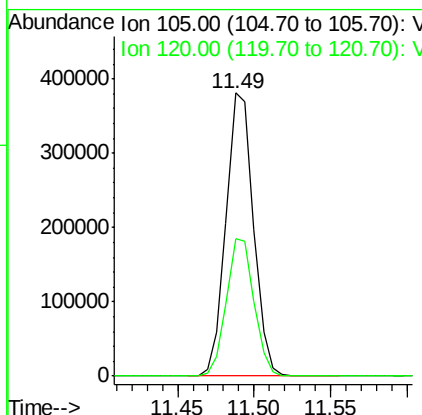
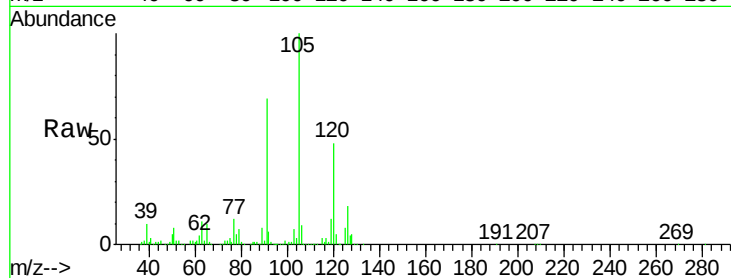




#80
 1,3,5-Trimethylbenzene
 Concen: 50.03 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

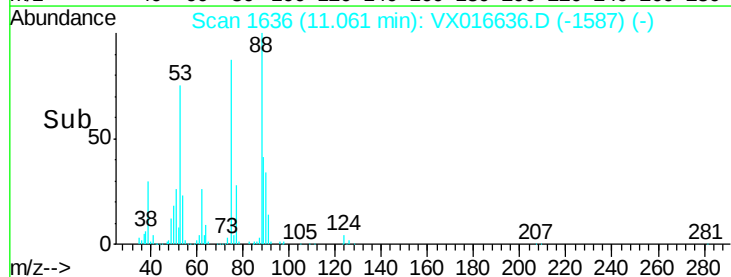
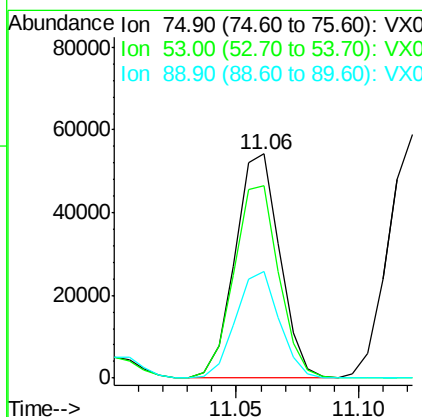
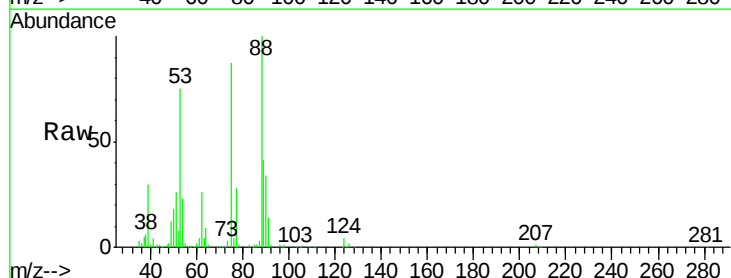
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

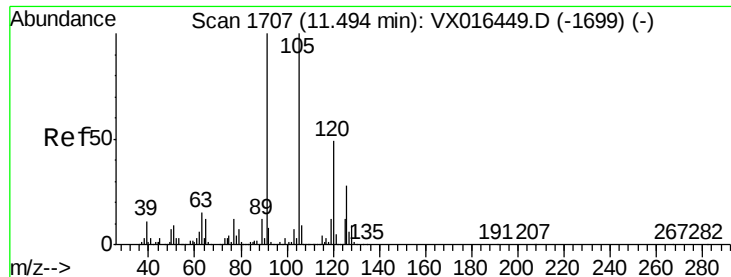
Tgt Ion: 105 Resp: 473234
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.78 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion: 75 Resp: 68340
 Ion Ratio Lower Upper
 75 100
 53 87.2 71.3 106.9
 89 47.0 36.6 55.0

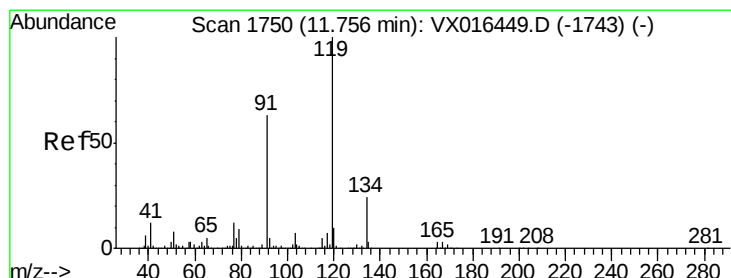
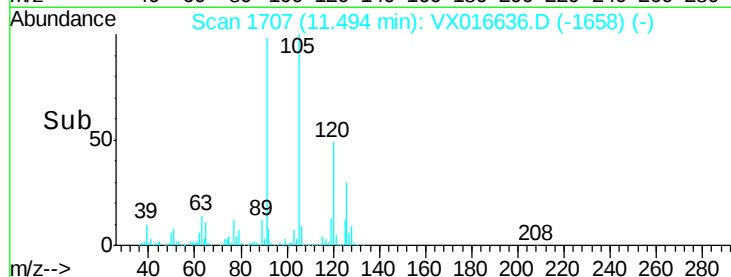
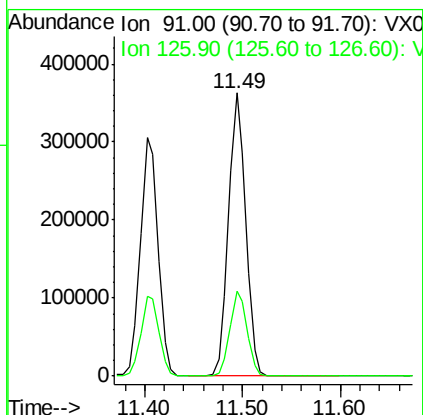
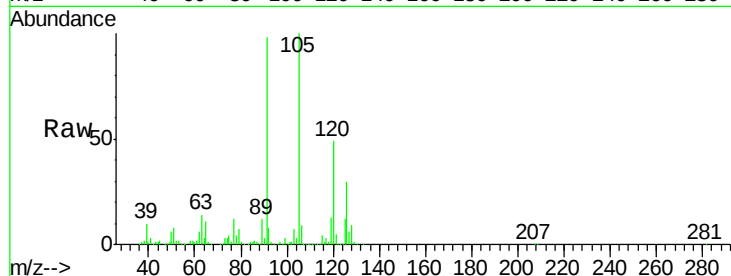




#82
4-Chlorotoluene
Concen: 48.80 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

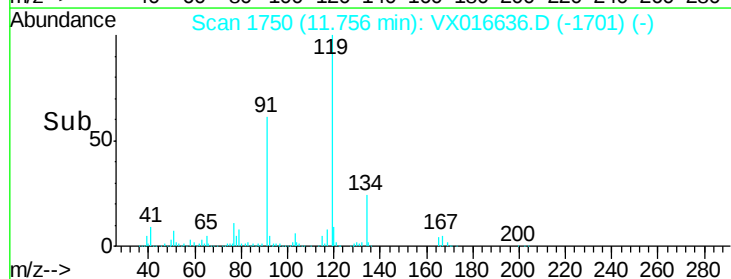
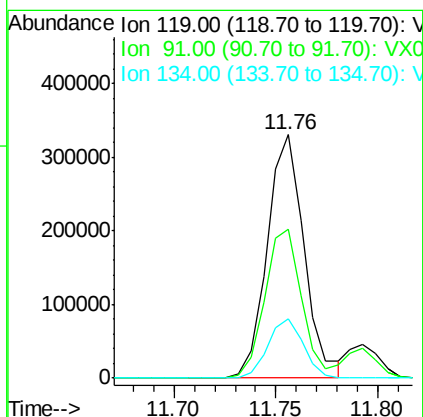
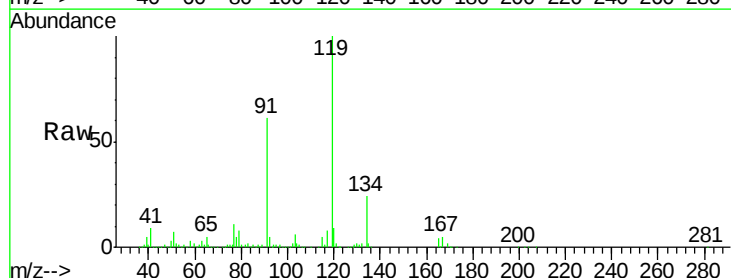
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

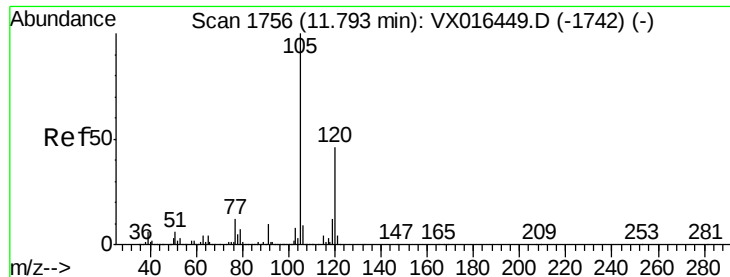
Tgt Ion: 91 Resp: 445218
Ion Ratio Lower Upper
91 100
126 30.0 14.7 44.1



#83
tert-Butylbenzene
Concen: 51.59 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion: 119 Resp: 416992
Ion Ratio Lower Upper
119 100
91 61.0 31.3 93.8
134 23.5 12.0 36.0

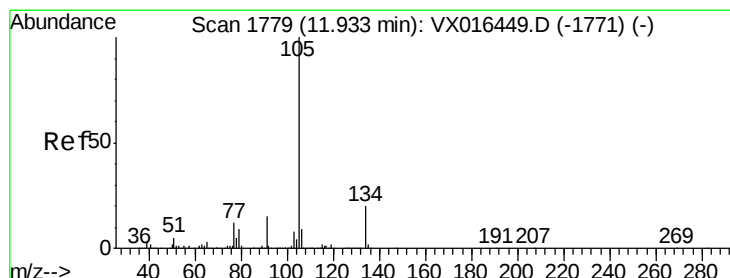
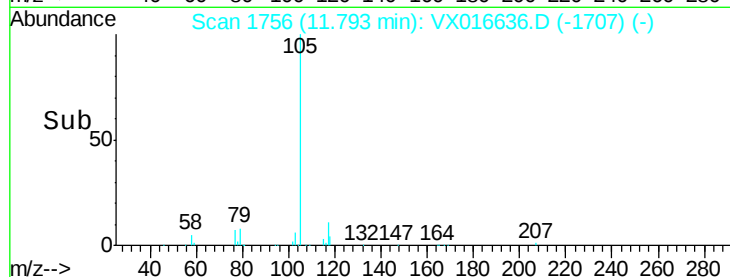
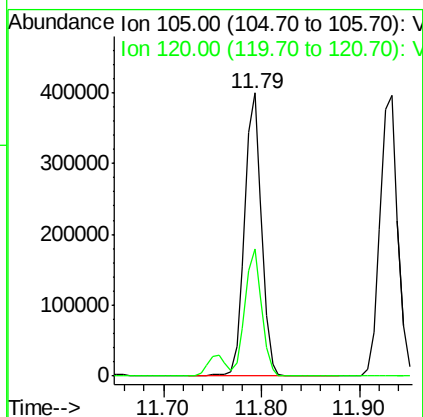
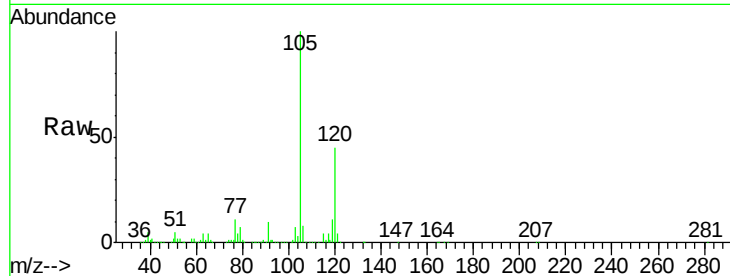




#84
 1,2,4-Trimethylbenzene
 Concen: 50.15 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

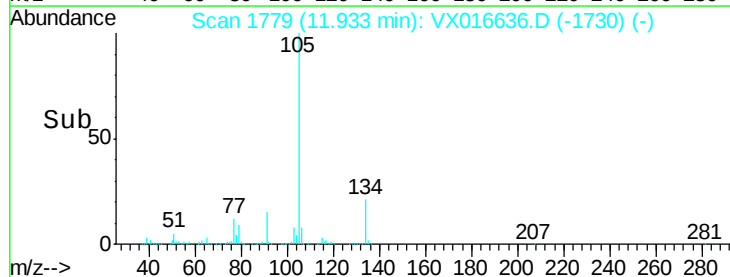
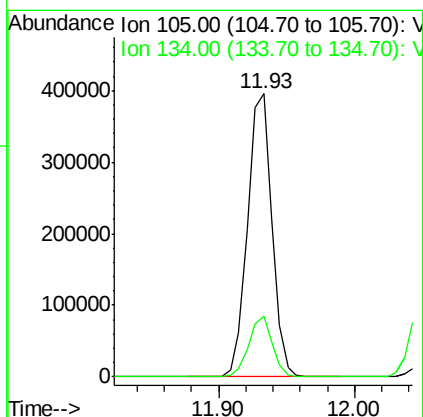
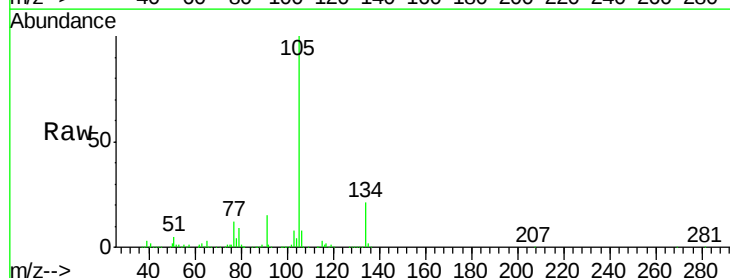
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

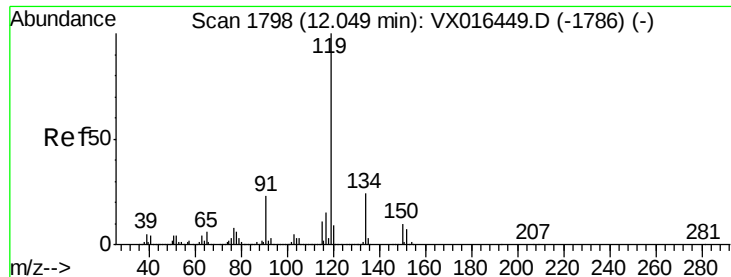
Tgt Ion:105 Resp: 479728
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 49.03 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion:105 Resp: 497108
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3





#86

p-Isopropyltoluene

Concen: 51.39 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

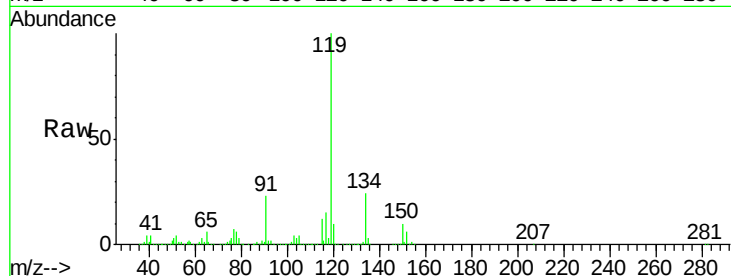
Tgt Ion:119 Resp: 488085

Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.0

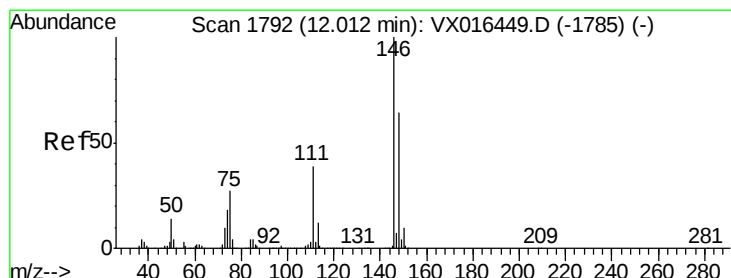
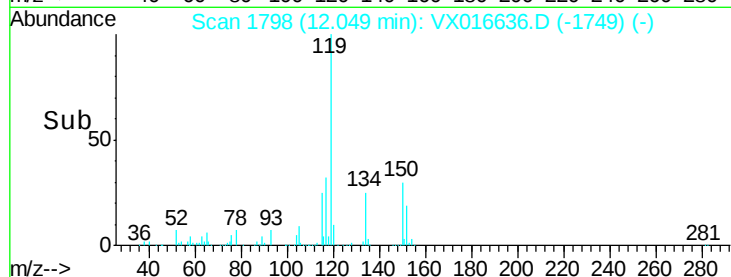
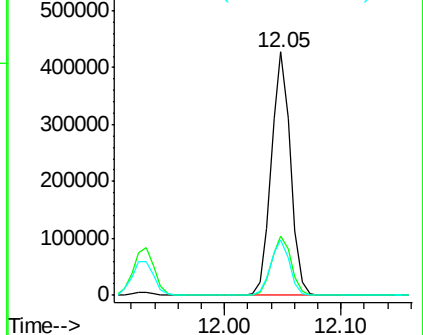
91 22.9 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 49.62 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

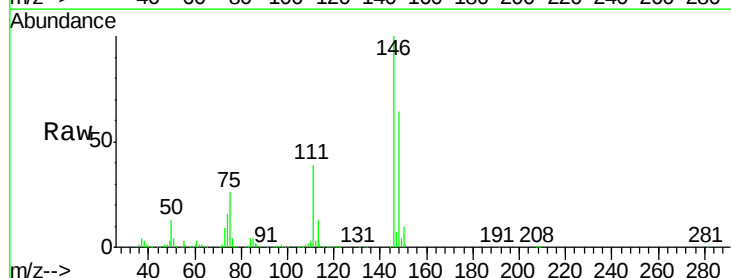
Tgt Ion:146 Resp: 255419

Ion Ratio Lower Upper

146 100

111 40.2 20.0 60.0

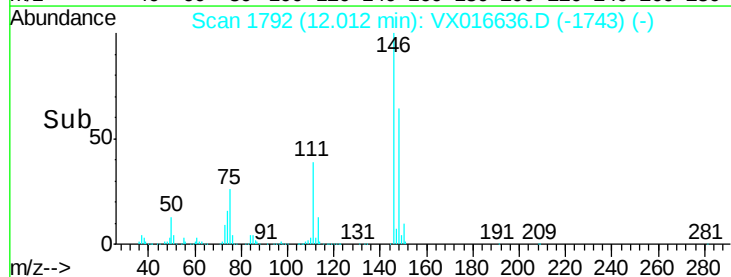
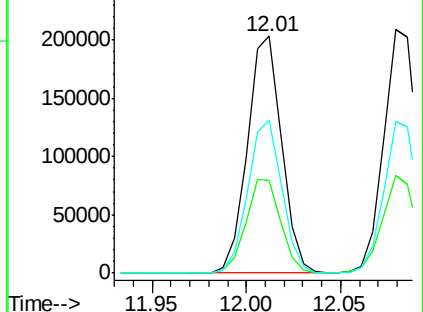
148 64.2 31.9 95.5

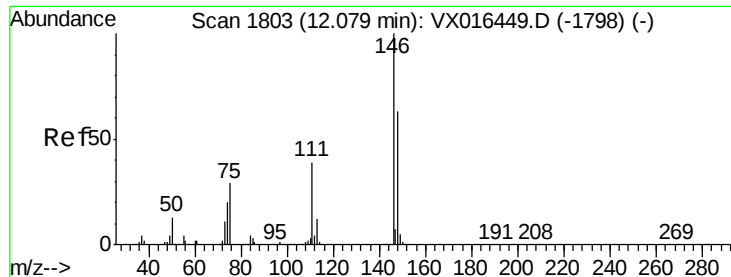


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

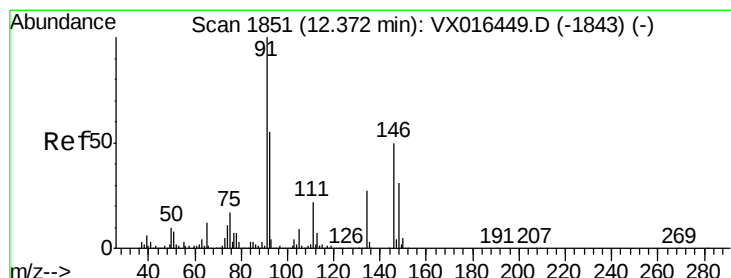
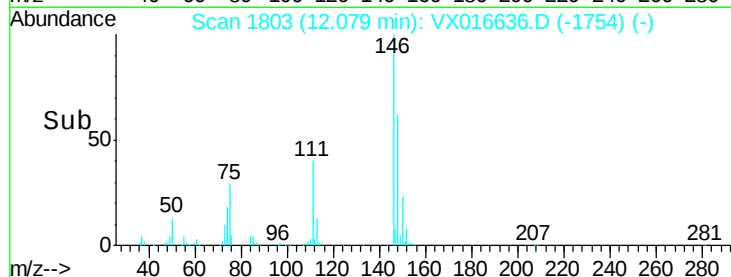
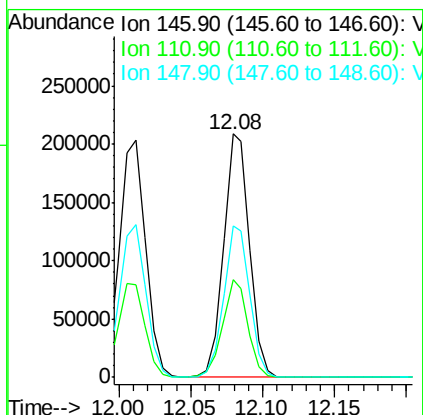
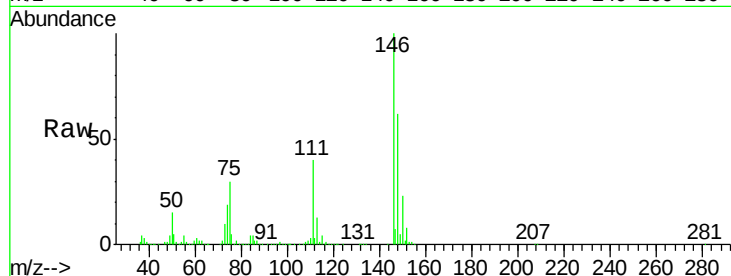




#88
 1,4-Dichlorobenzene
 Concen: 50.07 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

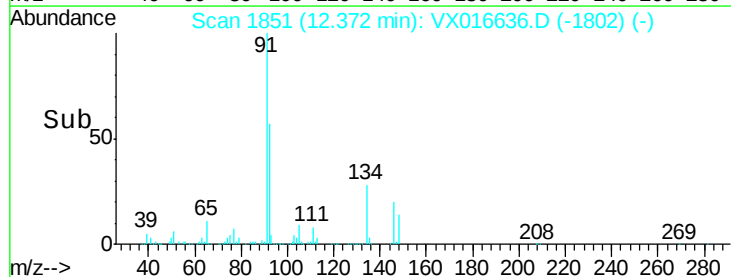
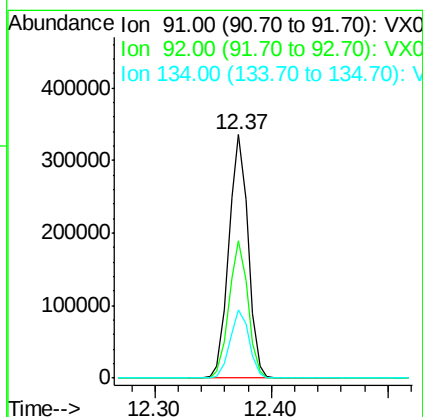
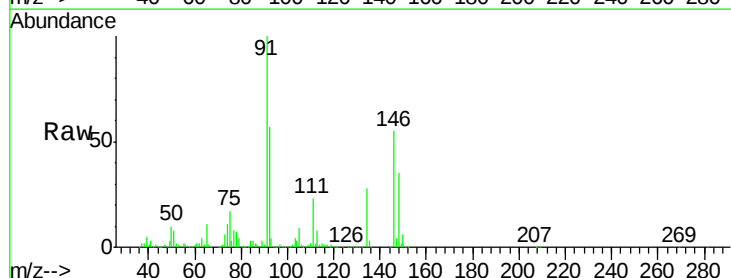
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

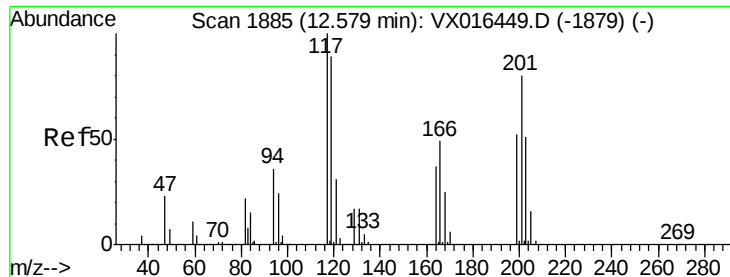
Tgt Ion: 146 Resp: 263628
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.2
 148 62.7 31.4 94.3



#89
 n-Butylbenzene
 Concen: 48.71 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion: 91 Resp: 385386
 Ion Ratio Lower Upper
 91 100
 92 55.3 27.2 81.5
 134 27.9 13.1 39.3





#90

Hexachloroethane

Concen: 51.30 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

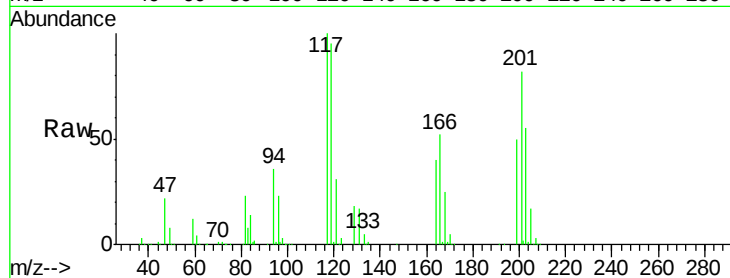
SA-PZ134I-20200604MS

Tgt Ion:117 Resp: 84163

Ion Ratio Lower Upper

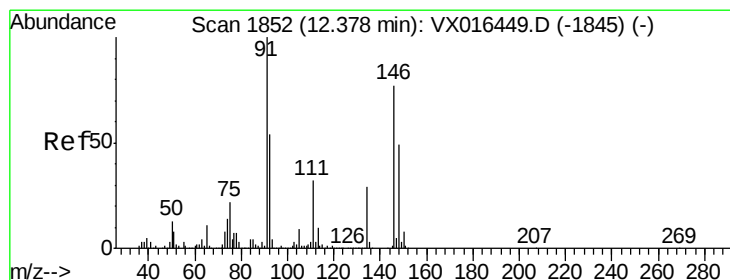
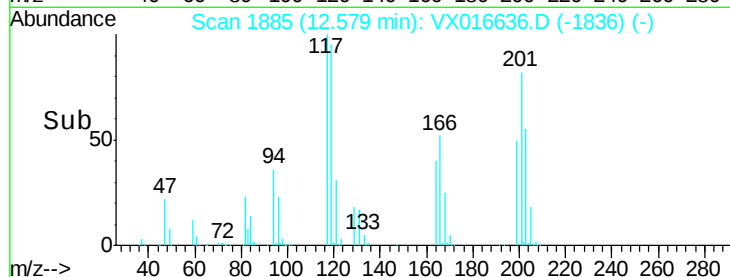
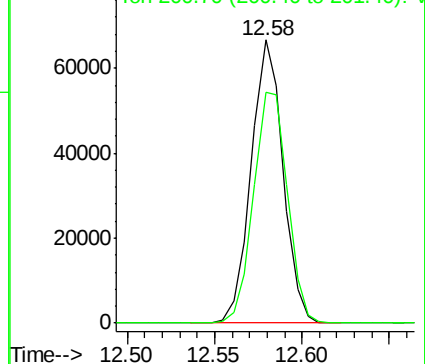
117 100

201 87.1 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 50.86 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

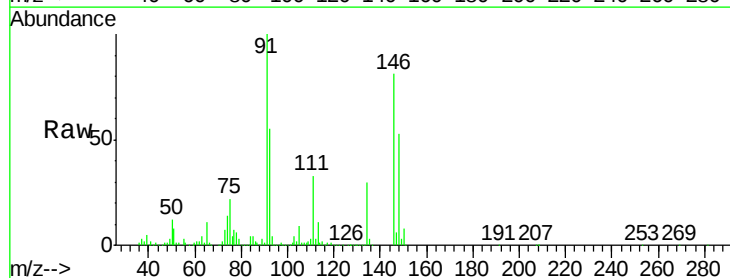
Tgt Ion:146 Resp: 253664

Ion Ratio Lower Upper

146 100

111 41.1 21.4 64.3

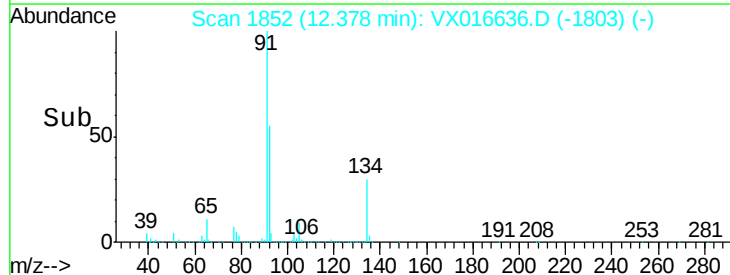
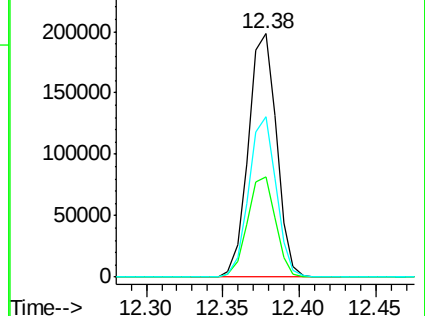
148 64.1 31.9 95.7

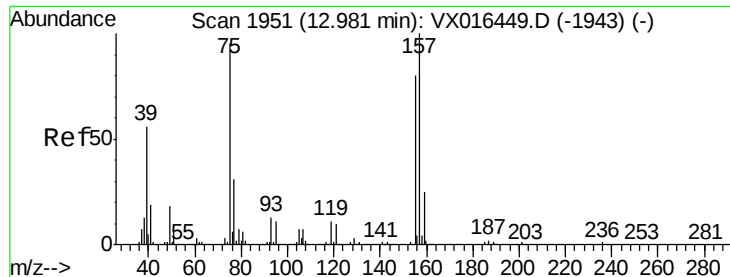


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.30 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

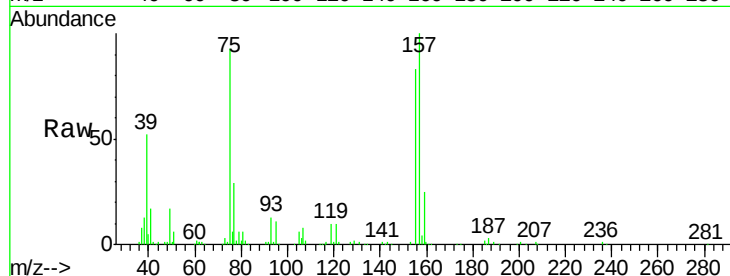
Tgt Ion: 75 Resp: 43499

Ion Ratio Lower Upper

75 100

155 92.6 44.1 132.4

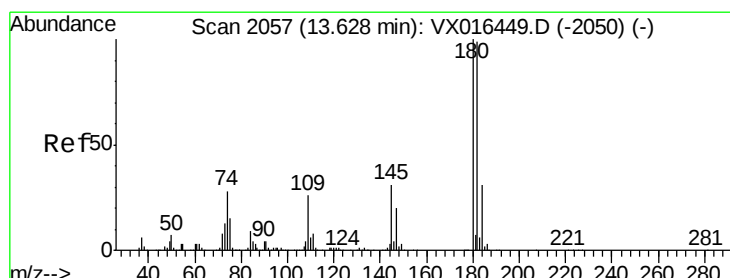
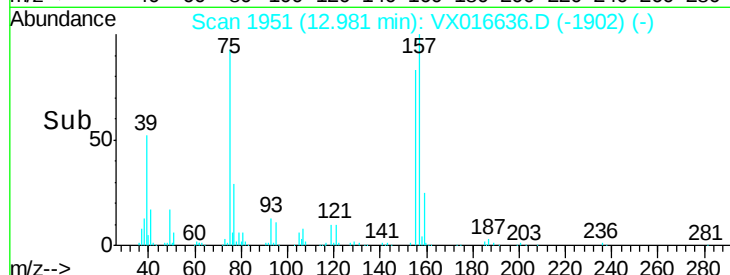
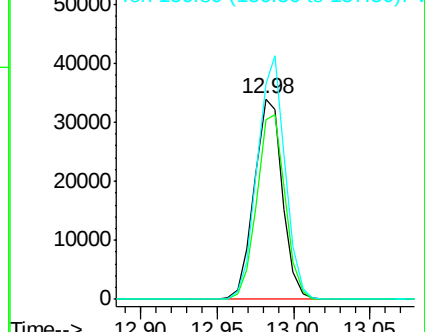
157 119.5 57.8 173.3



Abundance Ion 74.90 (74.60 to 75.60): VX016636.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX016636.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX016636.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 51.37 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

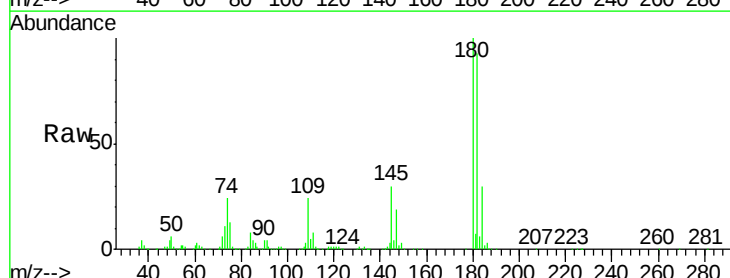
Tgt Ion: 180 Resp: 170170

Ion Ratio Lower Upper

180 100

182 95.0 48.3 144.8

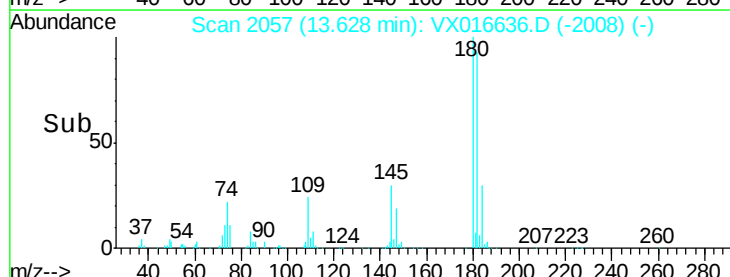
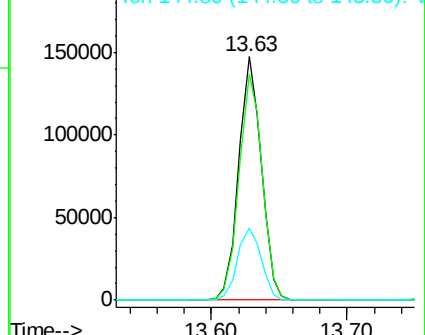
145 31.2 15.4 46.2

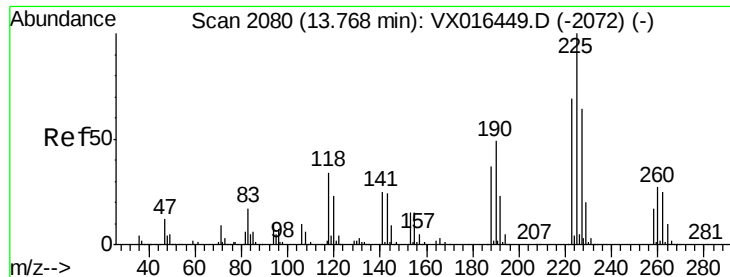


Abundance Ion 179.80 (179.50 to 180.50): VX016636.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX016636.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX016636.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 54.49 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

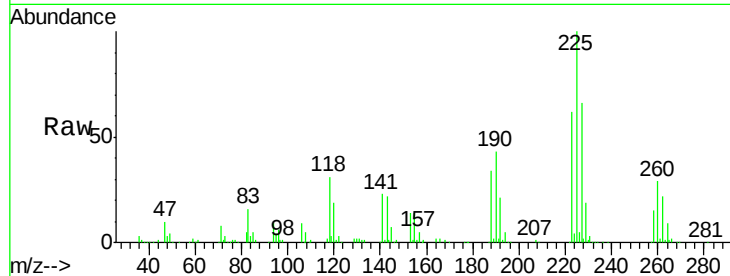
Tgt Ion: 225 Resp: 70869

Ion Ratio Lower Upper

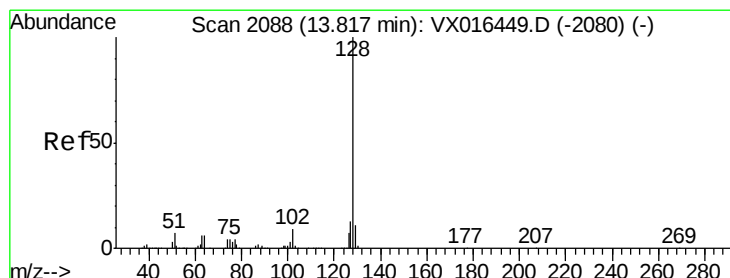
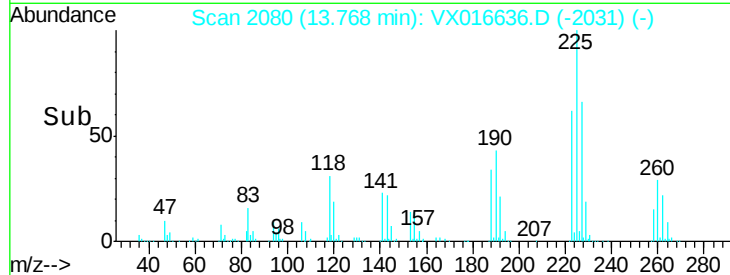
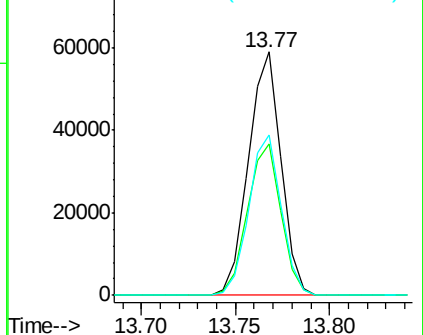
225 100

223 63.9 32.3 96.8

227 65.5 31.6 94.7



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



#95

Naphthalene

Concen: 50.61 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

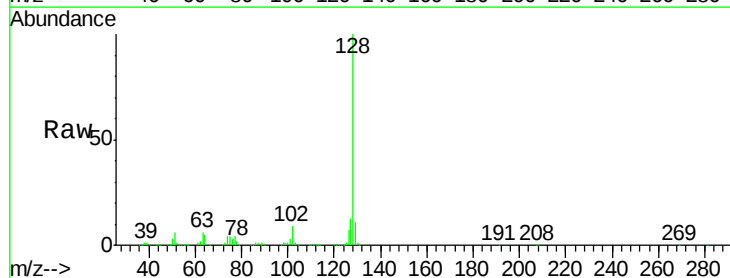
Tgt Ion: 128 Resp: 574664

Ion Ratio Lower Upper

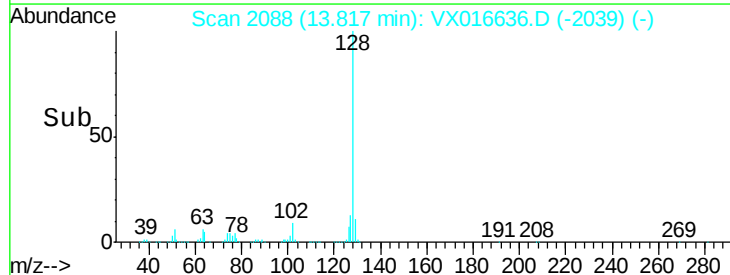
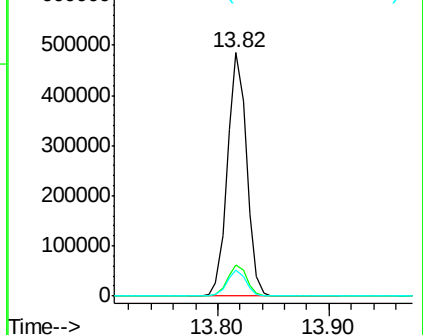
128 100

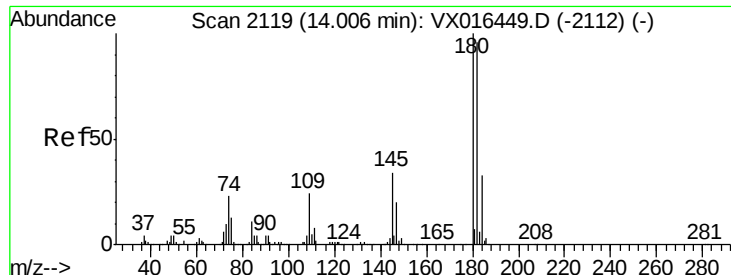
127 13.0 10.6 15.8

129 10.8 8.6 13.0



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: 52.46 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Tgt Ion:	180	Resp:	170245
Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.6	145.8
145	32.0	16.6	49.8

