

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060820\
 Data File : VX016637.D
 Acq On : 08 Jun 2020 14:43
 Operator : JC/SP
 Sample : L2926-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

Quant Time: Jun 09 05:45:26 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	5.63	168	214865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	326175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	306647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	161571	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	129420	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	5.46	113	105371	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	8.70	98	400122	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.12	95	154128	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.18	85	95151	45.00	ug/l	98
3) Chloromethane	1.31	50	107469	42.06	ug/l	100
4) Vinyl Chloride	1.39	62	119847	44.35	ug/l	99
5) Bromomethane	1.62	94	65545	49.89	ug/l	100
6) Chloroethane	1.70	64	75428	47.85	ug/l	100
7) Trichlorofluoromethane	1.91	101	185589	52.29	ug/l	99
8) Diethyl Ether	2.17	74	69867	47.21	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	98068	50.21	ug/l	98
10) Methyl Iodide	2.49	142	109576	47.14	ug/l	99
11) Tert butyl alcohol	3.01	59	154931	226.43	ug/l	100
12) 1,1-Dichloroethene	2.36	96	101945	49.31	ug/l	96
13) Acrolein	2.27	56	80853	277.78	ug/l	98
14) Allyl chloride	2.70	41	165274	43.47	ug/l	97
15) Acrylonitrile	3.12	53	322024	229.75	ug/l	99
16) Acetone	2.42	43	268536	229.70	ug/l	98
17) Carbon Disulfide	2.55	76	265388	43.23	ug/l	99
18) Methyl Acetate	2.75	43	137094	45.72	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	367461	49.50	ug/l	99
20) Methylene Chloride	2.83	84	113665	46.99	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	109011	47.67	ug/l	93
22) Diisopropyl ether	3.82	45	321989	44.08	ug/l	97
23) Vinyl Acetate	3.78	43	1379515	215.77	ug/l	97
24) 1,1-Dichloroethane	3.67	63	196384	47.64	ug/l	99
25) 2-Butanone	4.64	43	433671	218.92	ug/l	93
26) 2,2-Dichloropropane	4.55	77	174832	51.83	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	127028	48.02	ug/l	97
28) Bromochloromethane	4.98	49	82064	42.84	ug/l	85
29) Tetrahydrofuran	5.09	42	284829	222.56	ug/l	93
30) Chloroform	5.18	83	204894	49.33	ug/l	100
31) Cyclohexane	5.55	56	155829	42.02	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	193096	51.35	ug/l	98
36) 1,1-Dichloropropene	5.77	75	149291	48.34	ug/l	98
37) Ethyl Acetate	4.79	43	155538	41.95	ug/l	97
38) Carbon Tetrachloride	5.76	117	173273	53.39	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	158881	47.37	ug/l	97
40) Benzene	6.11	78	448861	48.81	ug/l	100
41) Methacrylonitrile	5.01	41	88727	43.57	ug/l	96
42) 1,2-Dichloroethane	6.17	62	162592	49.71	ug/l	100
43) Isopropyl Acetate	6.42	43	254369	43.98	ug/l	97
44) Trichloroethene	7.19	130	142809	48.94	ug/l	95
45) 1,2-Dichloropropane	7.49	63	113555	48.50	ug/l	99
46) Dibromomethane	7.64	93	79456	50.53	ug/l	95
47) Bromodichloromethane	7.88	83	167434	51.42	ug/l	99
48) Methyl methacrylate	7.74	41	125702	45.39	ug/l	95
49) 1,4-Dioxane	7.71	88	63623	981.78	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	830057	230.50	ug/l	97
52) Toluene	8.76	92	288828	49.80	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	189638	51.22	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	197147	50.31	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	118457	51.37	ug/l	97
56) Ethyl methacrylate	9.16	69	184869	49.23	ug/l	97
57) 1,3-Dichloropropane	9.35	76	198326	50.11	ug/l	100
59) 2-Hexanone	9.48	43	649047	231.77	ug/l	97
60) Dibromochloromethane	9.57	129	139464	53.75	ug/l	99
61) 1,2-Dibromoethane	9.65	107	128864	52.19	ug/l	100
64) Tetrachloroethene	9.32	164	169512	49.41	ug/l	100
65) Chlorobenzene	10.12	112	316086	50.56	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	126754	53.11	ug/l	98
67) Ethyl Benzene	10.24	91	553599	49.74	ug/l	100
68) m/p-Xylenes	10.34	106	429026	103.96	ug/l	99
69) o-Xylene	10.68	106	201522	50.42	ug/l	99
70) Styrene	10.70	104	357868	52.09	ug/l	99
71) Bromoform	10.84	173	113945	56.50	ug/l	99
73) Isopropylbenzene	11.00	105	544218	48.61	ug/l	100
74) N-amyl acetate	10.88	43	213212	41.41	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	143216	51.05	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	223519	62.94	ug/l	83
77) Bromobenzene	11.24	156	145509	49.56	ug/l	95
78) n-propylbenzene	11.34	91	603662	48.27	ug/l	99
79) 2-Chlorotoluene	11.40	91	373323	48.90	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	466094	49.86	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	67674	46.87	ug/l	99
82) 4-Chlorotoluene	11.49	91	439131	48.71	ug/l	98
83) tert-Butylbenzene	11.76	119	410735	51.42	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	474713	50.22	ug/l	100
85) sec-Butylbenzene	11.93	105	493762	49.28	ug/l	99
86) p-Isopropyltoluene	12.05	119	473065	50.40	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	253133	49.76	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	257423	49.48	ug/l	98
89) n-Butylbenzene	12.37	91	383885	49.10	ug/l	99
90) Hexachloroethane	12.58	117	81956	50.55	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	247786	50.28	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43691	48.08	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	168421	51.45	ug/l	97

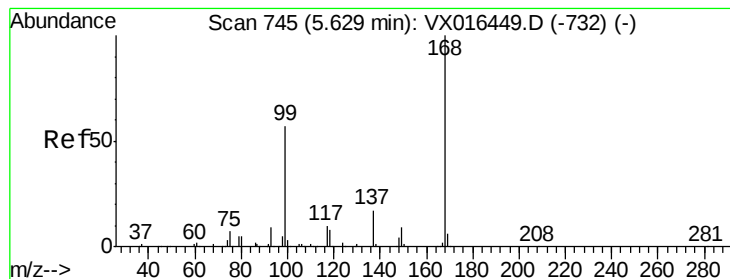
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX060820\
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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	69737	54.26	ug/l	99
95) Naphthalene	13.82	128	571735	50.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	163642	51.03	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

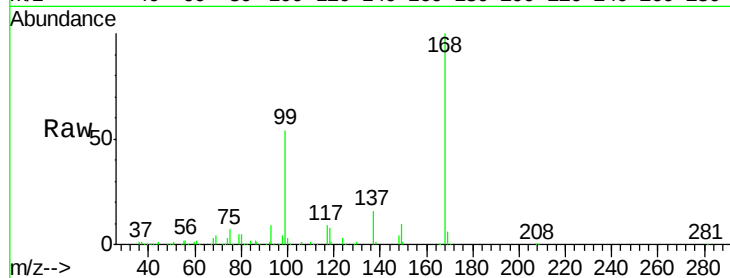
SA-PZ134I-20200604MSD

Tgt Ion:168 Resp: 214865

Ion Ratio Lower Upper

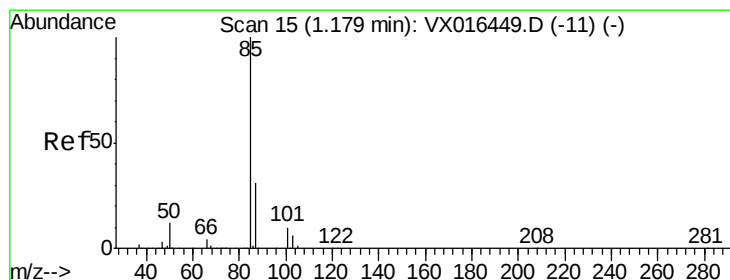
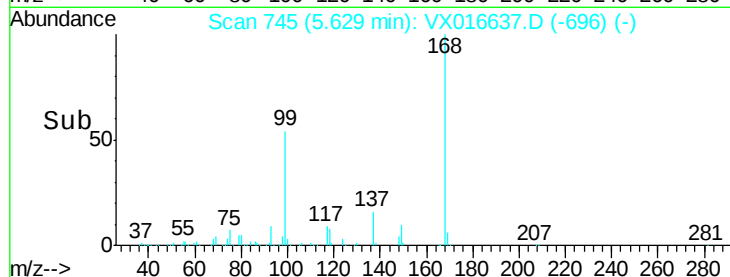
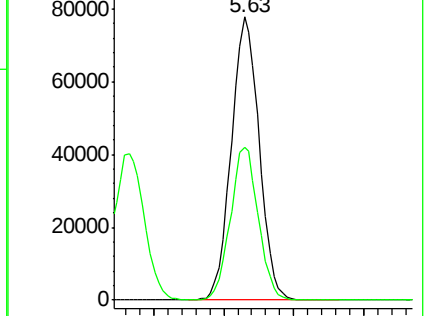
168 100

99 54.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.00 ug/l

RT: 1.18 min Scan# 15

Delta R.T. 0.00 min

Lab File: VX016637.D

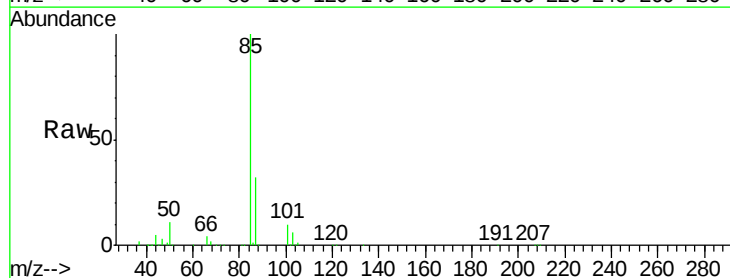
Acq: 08 Jun 2020 14:43

Tgt Ion: 85 Resp: 95151

Ion Ratio Lower Upper

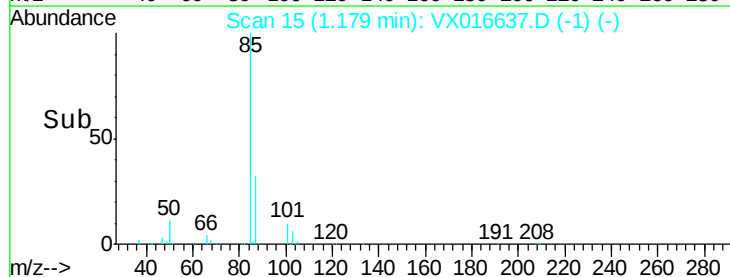
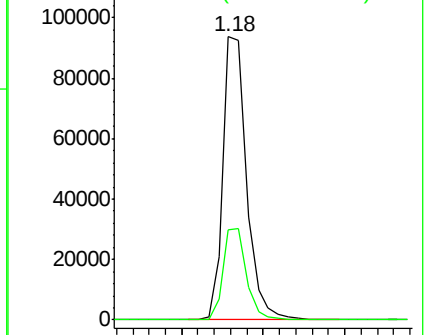
85 100

87 32.0 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.06 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

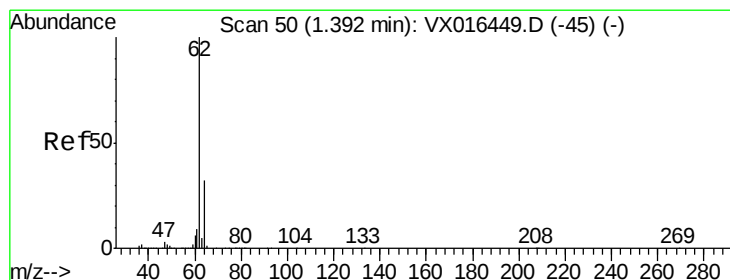
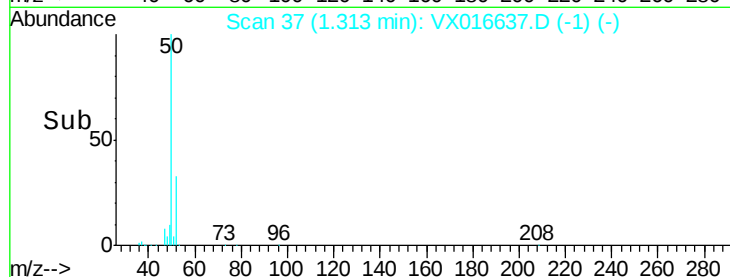
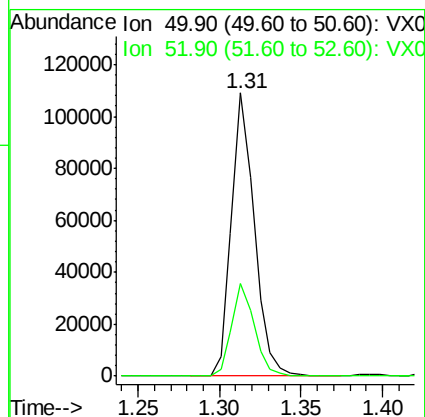
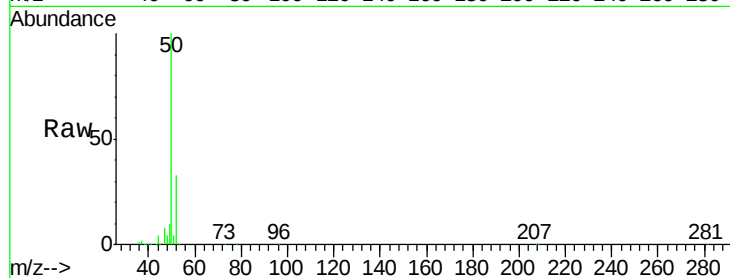
SA-PZ134I-20200604MSD

Tgt Ion: 50 Resp: 107469

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 44.35 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016637.D

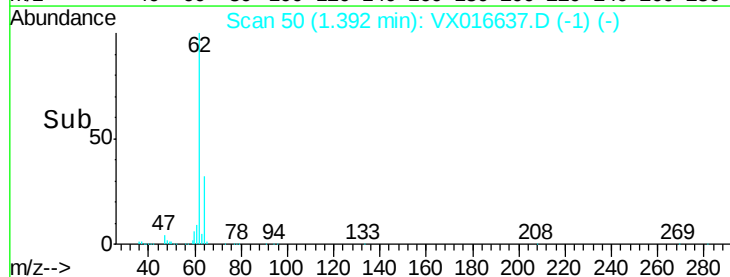
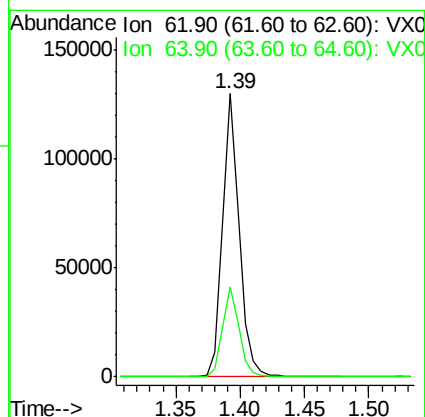
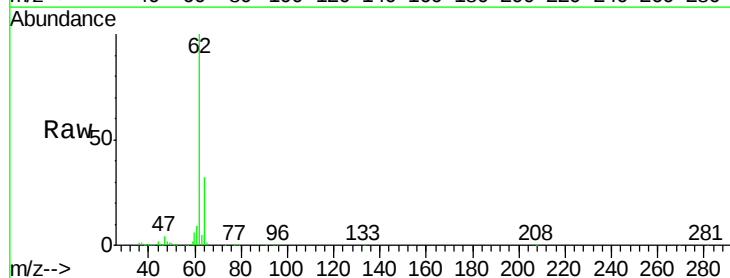
Acq: 08 Jun 2020 14:43

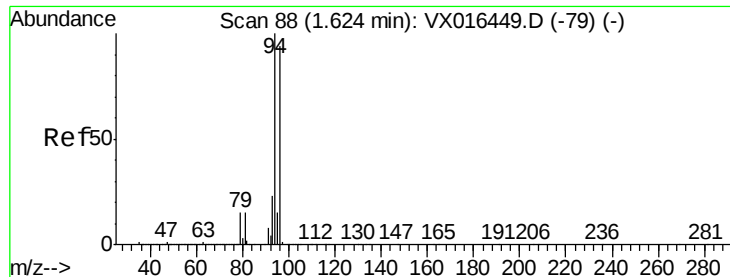
Tgt Ion: 62 Resp: 119847

Ion Ratio Lower Upper

62 100

64 31.7 25.9 38.9





#5

Bromomethane

Concen: 49.89 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

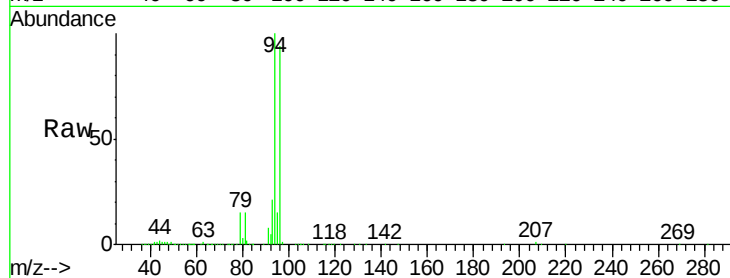
SA-PZ134I-20200604MSD

Tgt Ion: 94 Resp: 65545

Ion Ratio Lower Upper

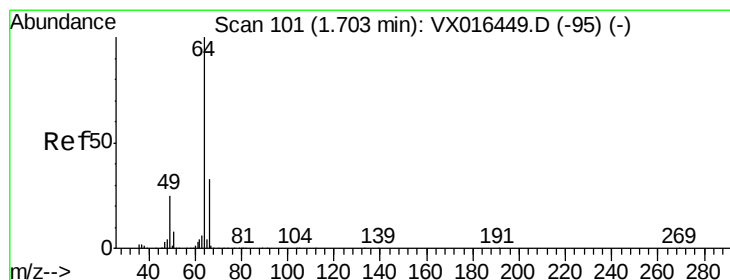
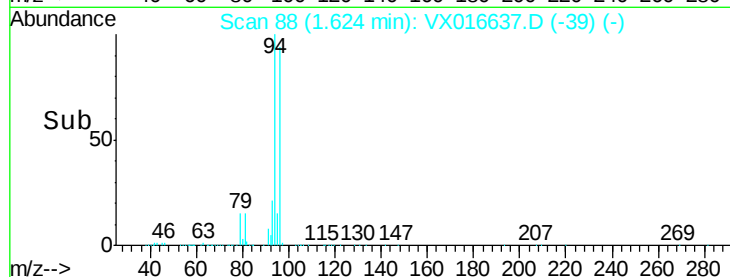
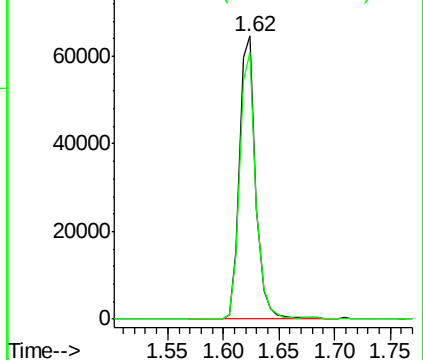
94 100

96 94.1 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.85 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016637.D

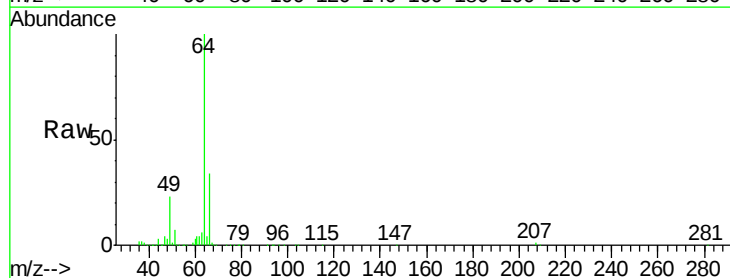
Acq: 08 Jun 2020 14:43

Tgt Ion: 64 Resp: 75428

Ion Ratio Lower Upper

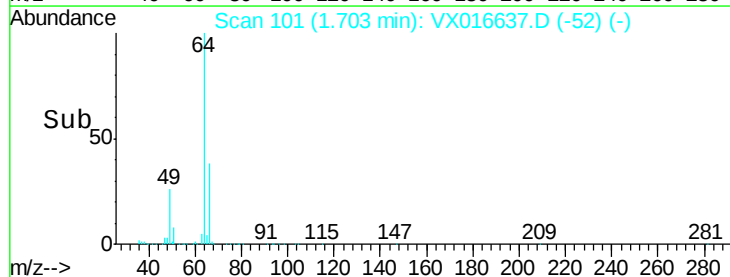
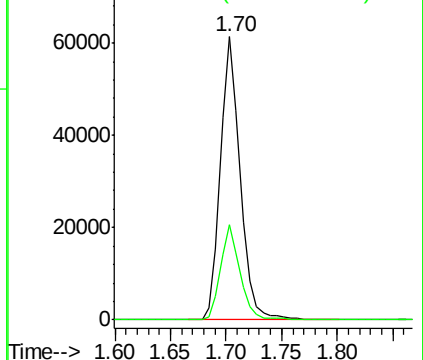
64 100

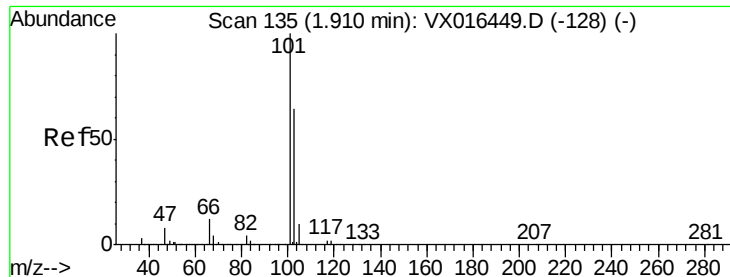
66 33.5 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



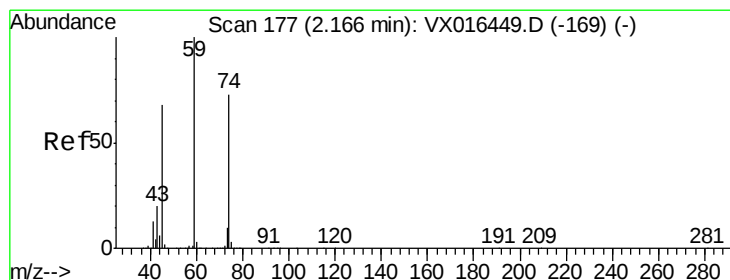
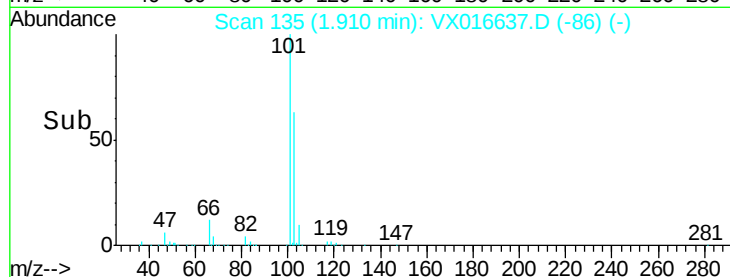
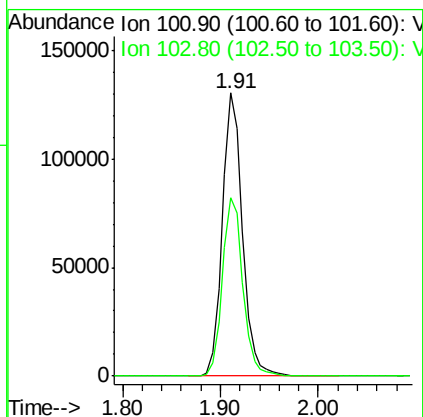
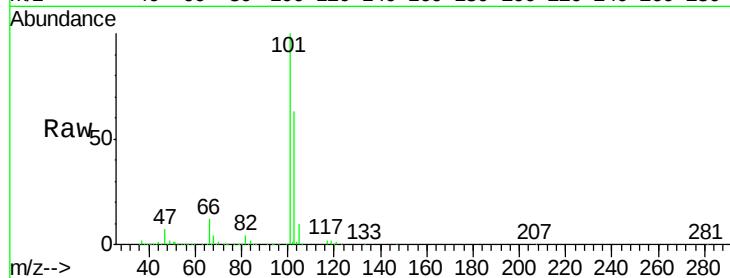


#7

Trichlorofluoromethane
 Concen: 52.29 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Instrument :
 MSVOA_X
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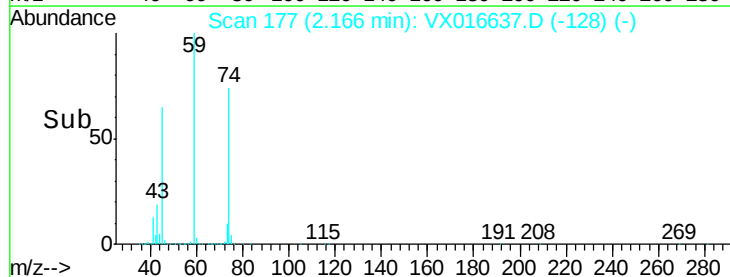
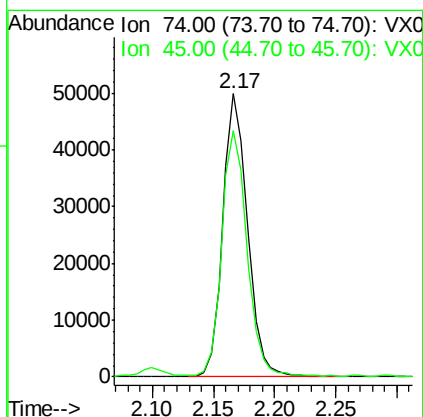
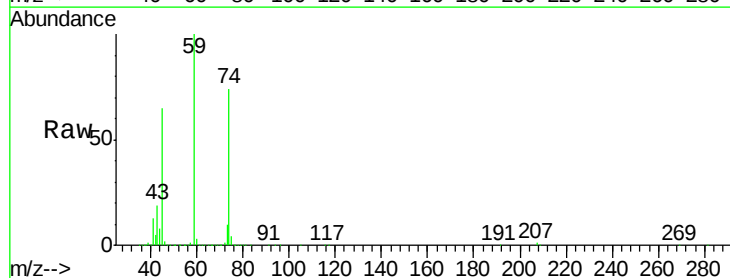
Tgt Ion:101 Resp: 185589
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.9 76.3



#8

Diethyl Ether
 Concen: 47.21 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Tgt Ion: 74 Resp: 69867
 Ion Ratio Lower Upper
 74 100
 45 88.4 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.21 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

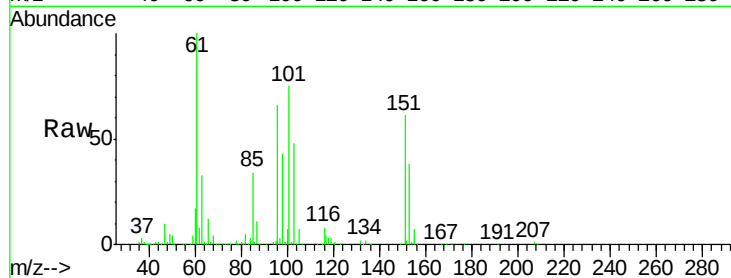
Tgt Ion:101 Resp: 98068

Ion Ratio Lower Upper

101 100

85 43.3 34.4 51.6

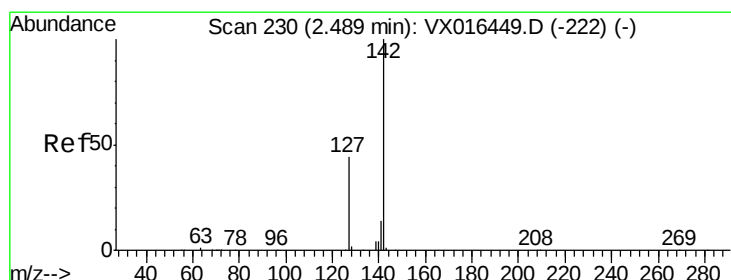
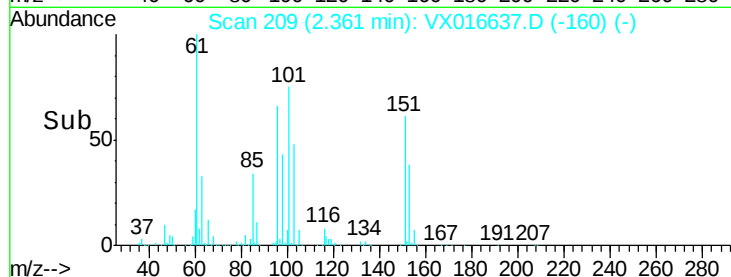
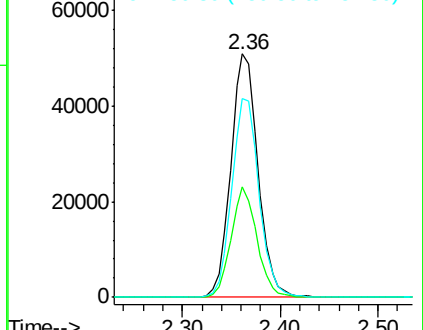
151 82.4 63.8 95.6



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: 47.14 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

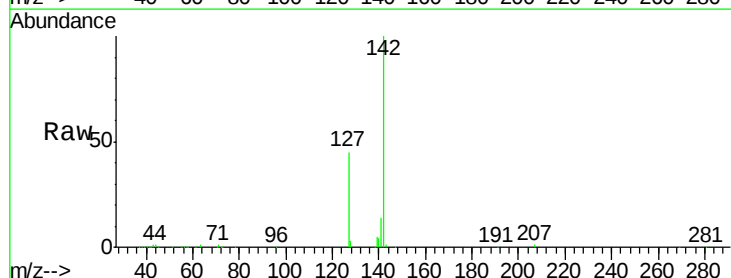
Tgt Ion:142 Resp: 109576

Ion Ratio Lower Upper

142 100

127 44.8 35.3 52.9

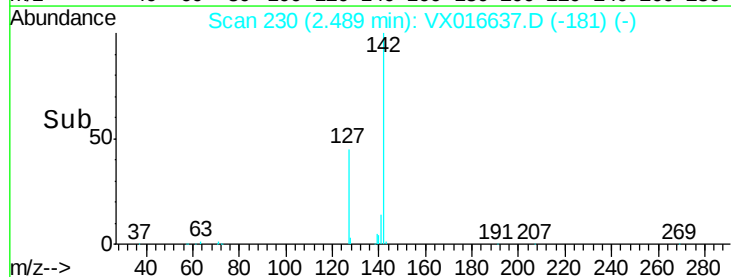
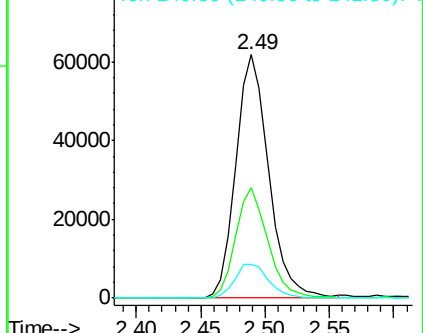
141 14.8 11.4 17.2

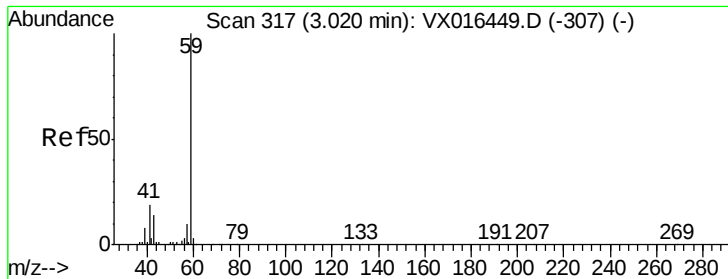


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

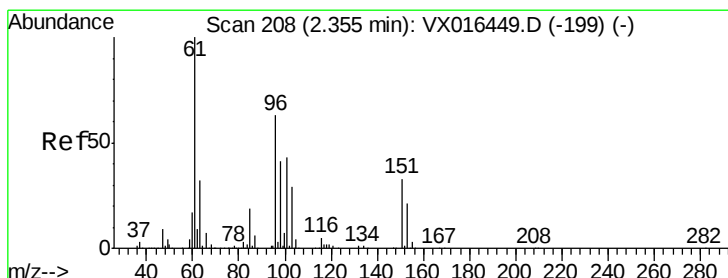
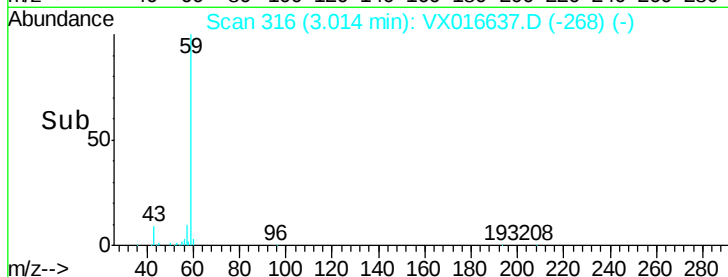
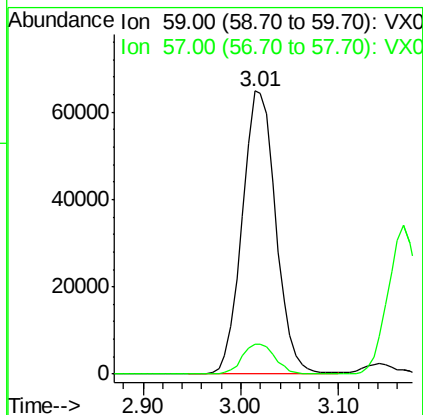
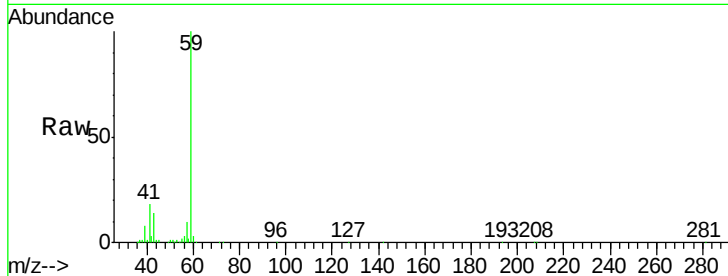




#11
Tert butyl alcohol
Concen: 226.43 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

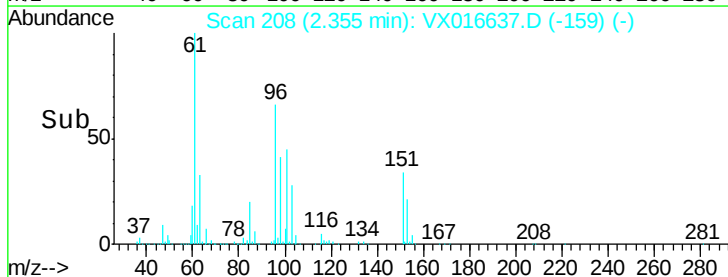
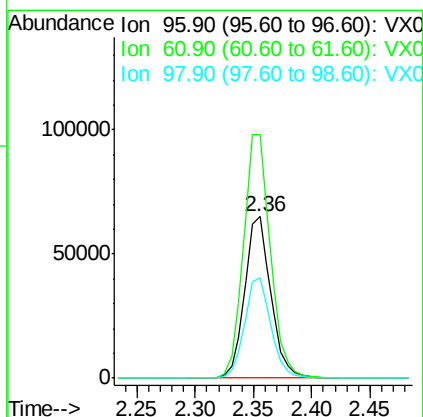
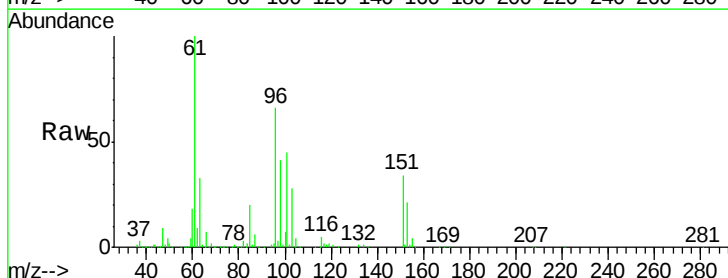
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

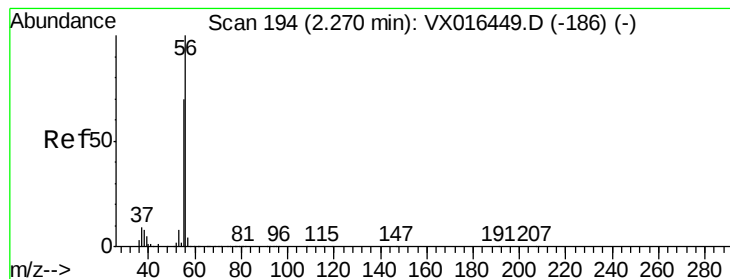
Tgt Ion: 59 Resp: 154931
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.31 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion: 96 Resp: 101945
Ion Ratio Lower Upper
96 100
61 151.2 126.6 189.8
98 62.3 51.3 76.9





#13

Acrolein

Concen: 277.78 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

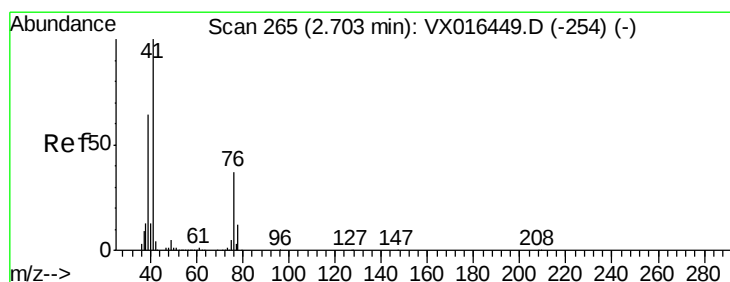
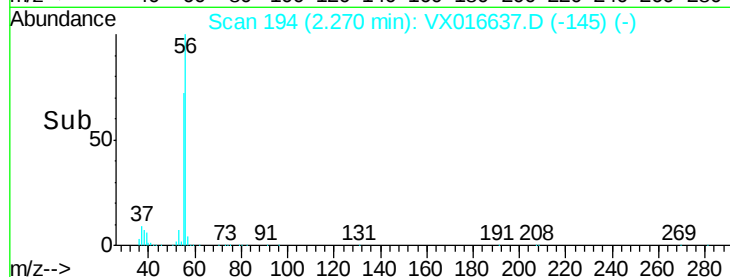
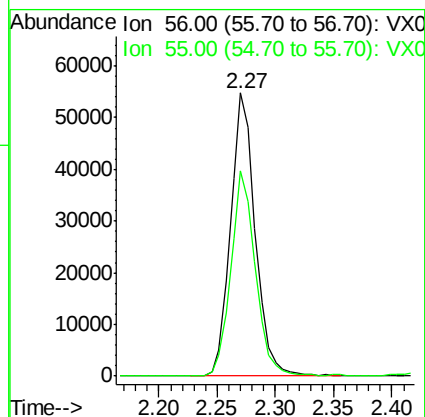
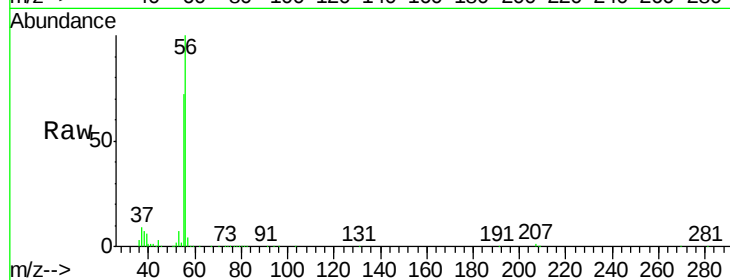
SA-PZ134I-20200604MSD

Tgt Ion: 56 Resp: 80853

Ion Ratio Lower Upper

56 100

55 71.3 58.3 87.5



#14

Allyl chloride

Concen: 43.47 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

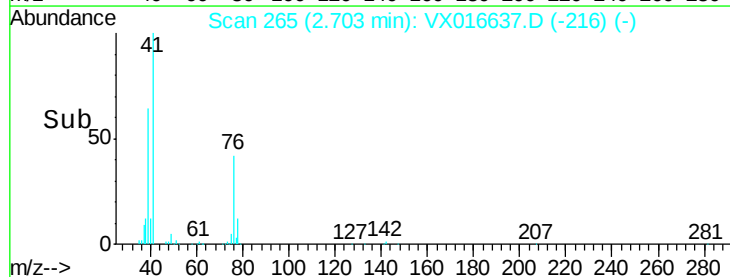
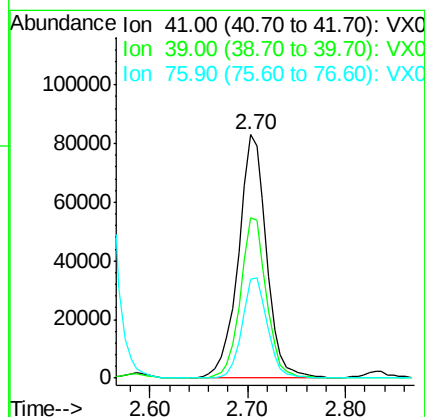
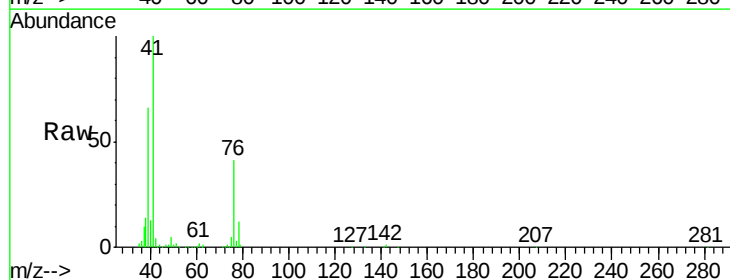
Tgt Ion: 41 Resp: 165274

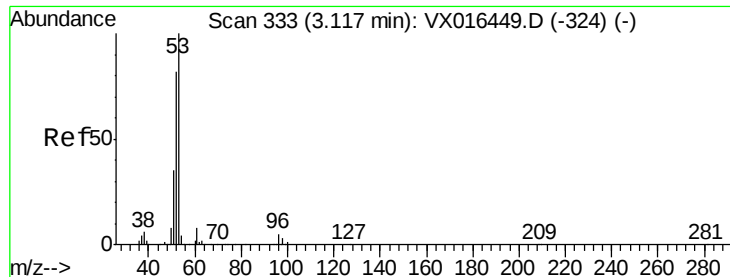
Ion Ratio Lower Upper

41 100

39 60.7 47.7 71.5

76 37.1 26.6 40.0





#15

Acrylonitrile

Concen: 229.75 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

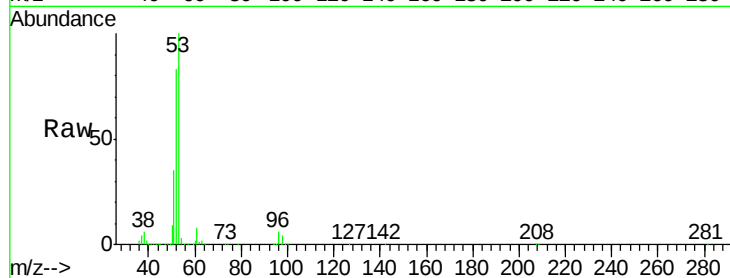
Tgt Ion: 53 Resp: 322024

Ion Ratio Lower Upper

53 100

52 82.0 66.7 100.1

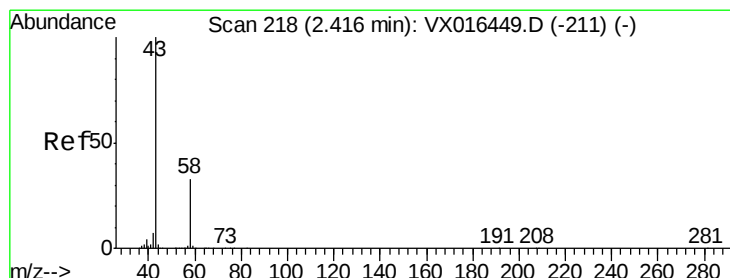
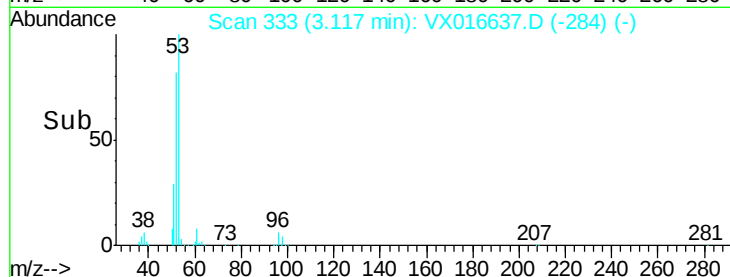
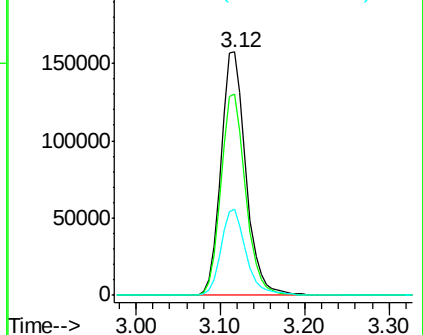
51 35.4 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 229.70 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016637.D

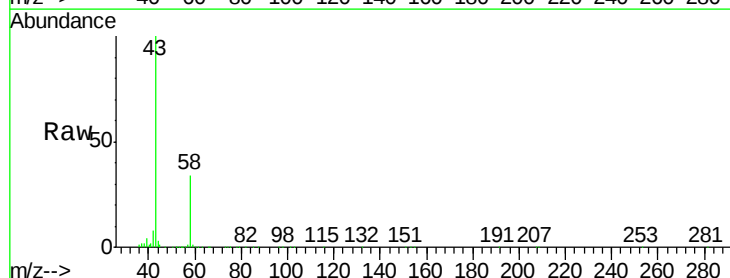
Acq: 08 Jun 2020 14:43

Tgt Ion: 43 Resp: 268536

Ion Ratio Lower Upper

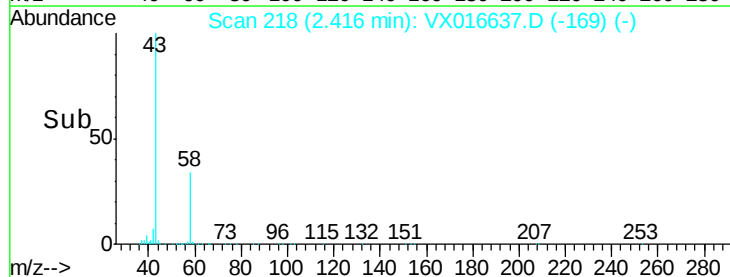
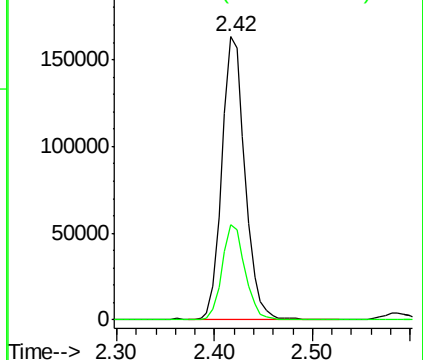
43 100

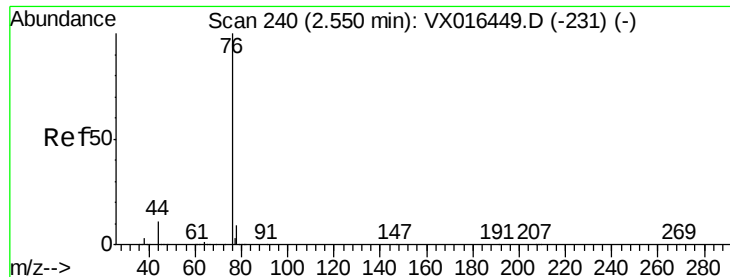
58 33.8 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

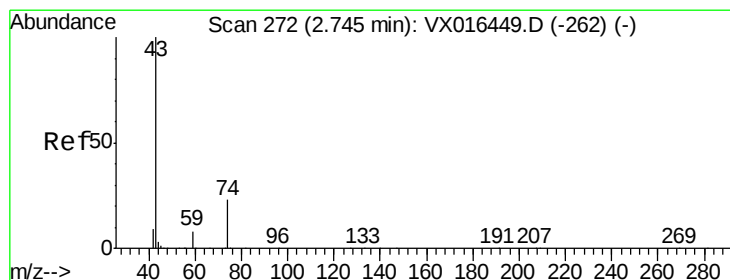
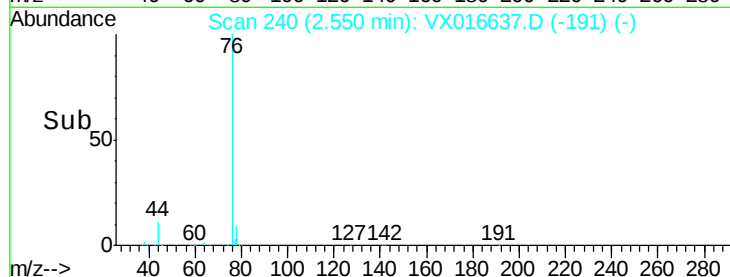
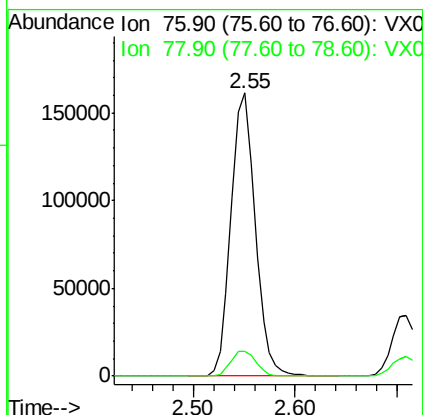
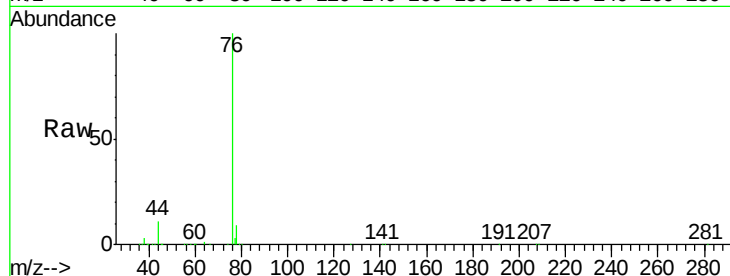




#17
Carbon Disulfide
Concen: 43.23 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

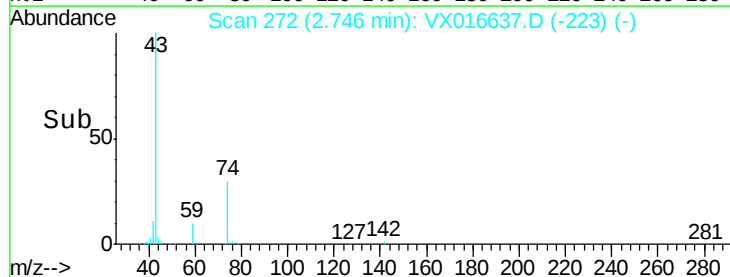
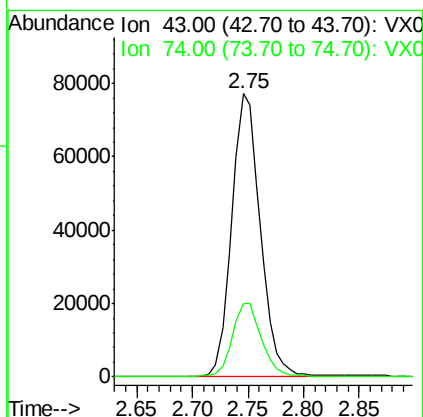
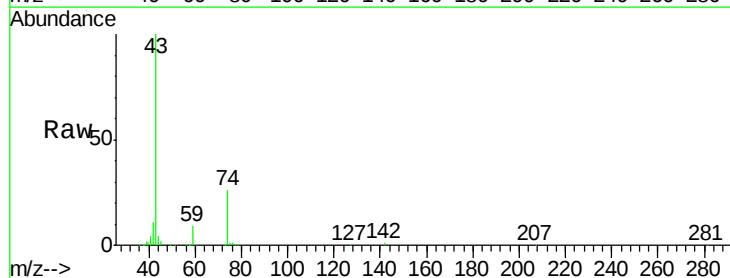
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

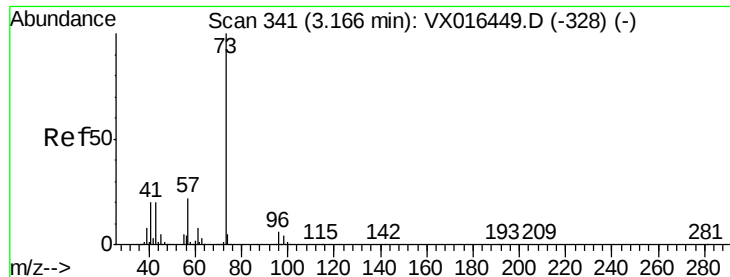
Tgt Ion: 76 Resp: 265388
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 45.72 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion: 43 Resp: 137094
Ion Ratio Lower Upper
43 100
74 26.9 19.7 29.5

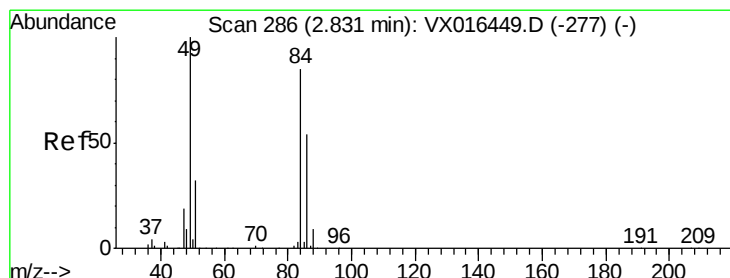
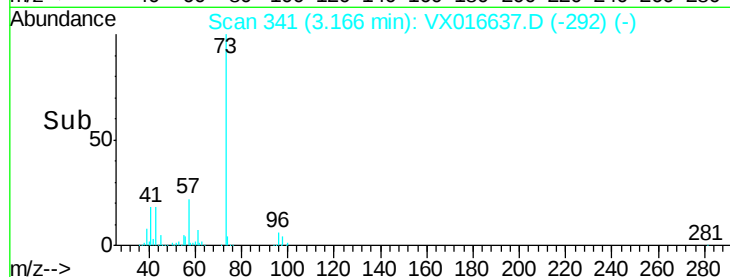
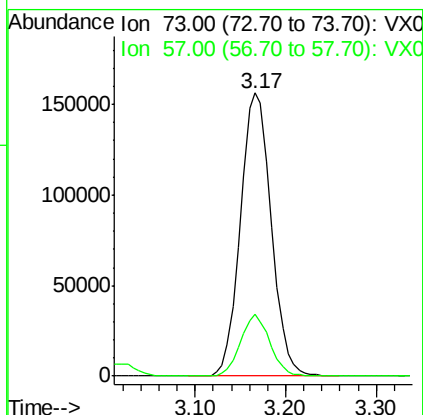
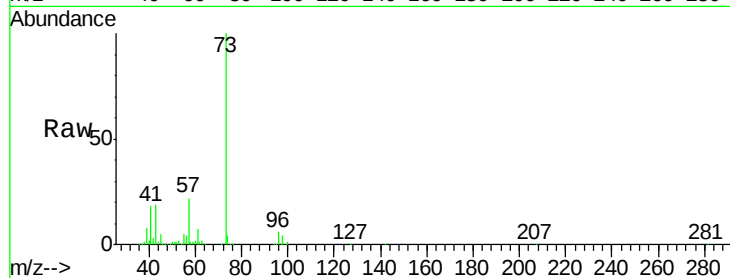




#19
Methyl tert-butyl Ether
Concen: 49.50 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

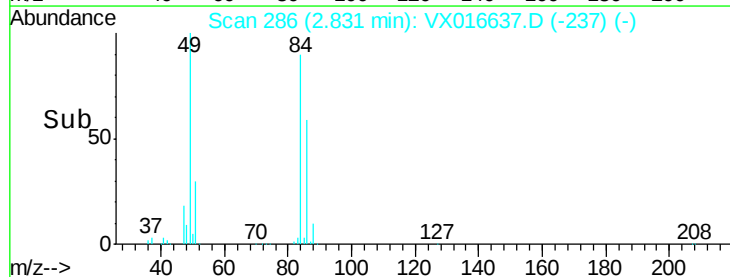
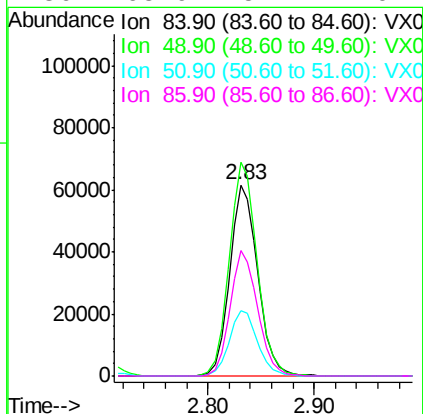
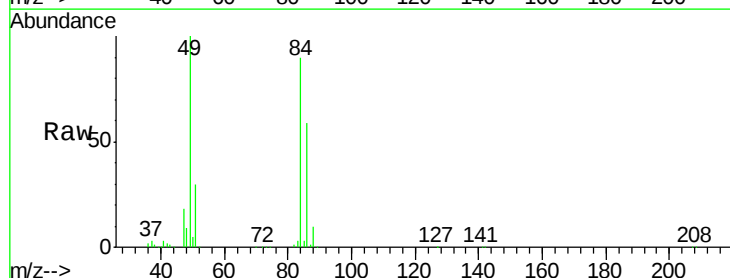
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tgt Ion: 73 Resp: 367461
Ion Ratio Lower Upper
73 100
57 21.8 17.8 26.6



#20
Methylene Chloride
Concen: 46.99 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion: 84 Resp: 113665
Ion Ratio Lower Upper
84 100
49 111.7 94.5 141.7
51 33.9 30.2 45.4
86 65.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.67 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

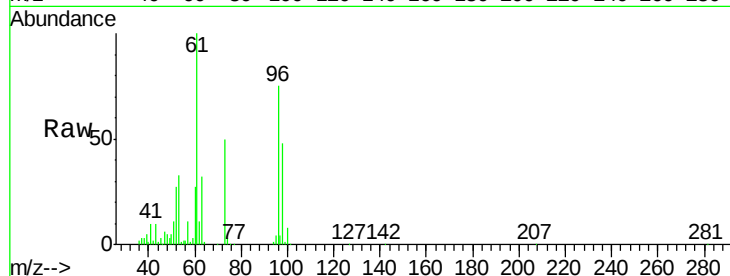
Tgt Ion: 96 Resp: 109011

Ion Ratio Lower Upper

96 100

61 132.7 115.3 172.9

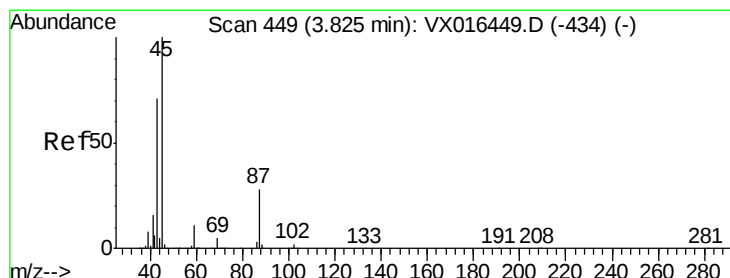
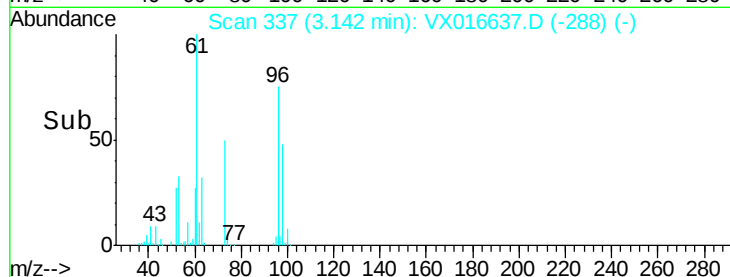
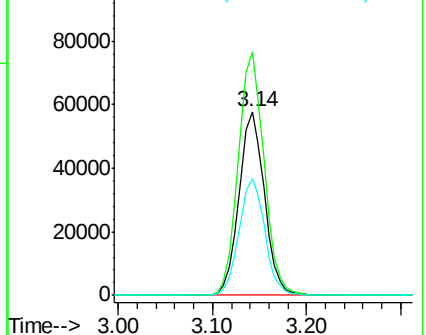
98 63.7 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.08 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Tgt Ion: 45 Resp: 321989

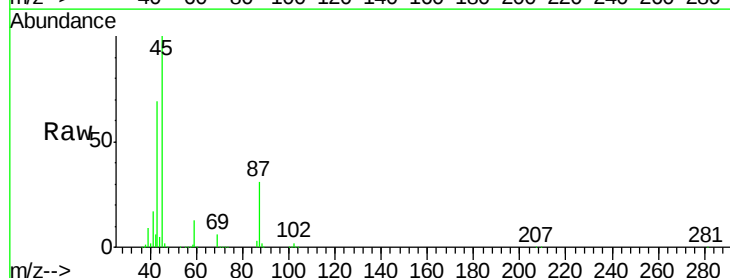
Ion Ratio Lower Upper

45 100

43 69.0 57.0 85.6

87 30.7 22.5 33.7

59 12.7 9.1 13.7

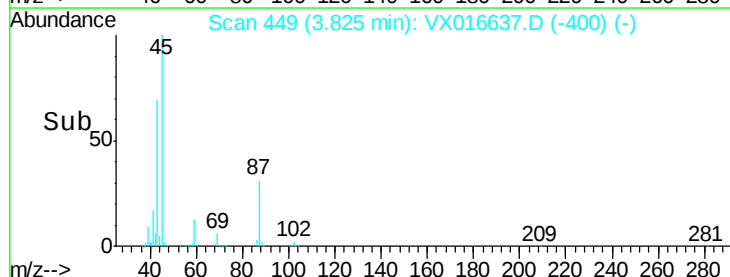
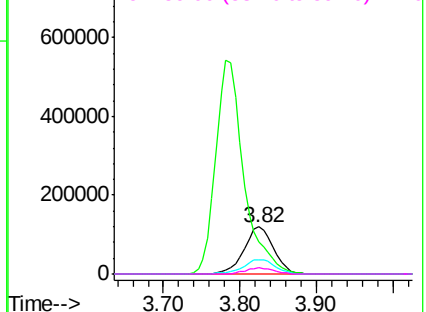


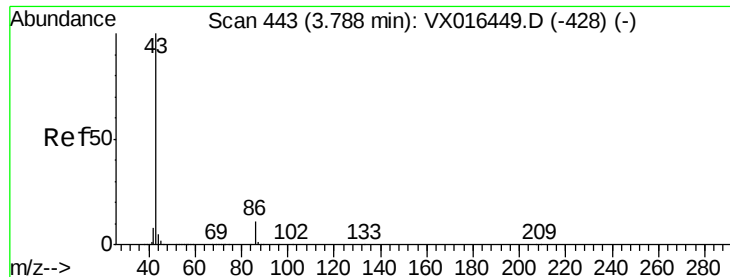
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 215.77 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

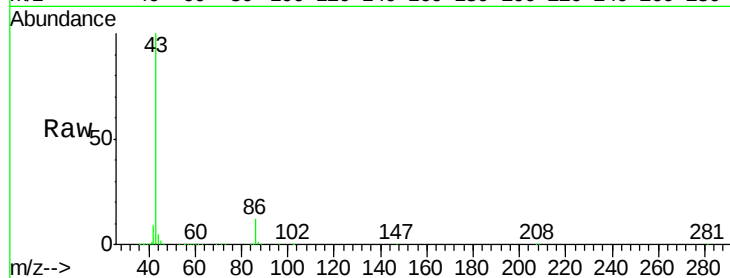
SA-PZ134I-20200604MSD

Tgt Ion: 43 Resp: 1379515

Ion Ratio Lower Upper

43 100

86 12.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

600000

500000

400000

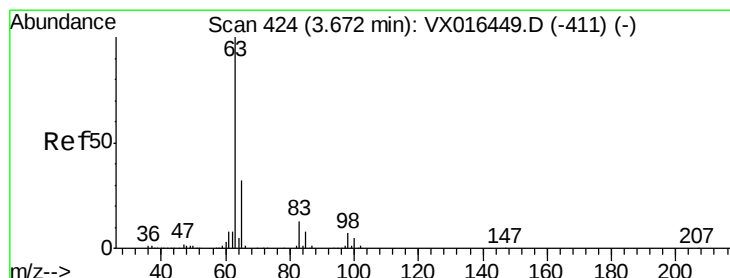
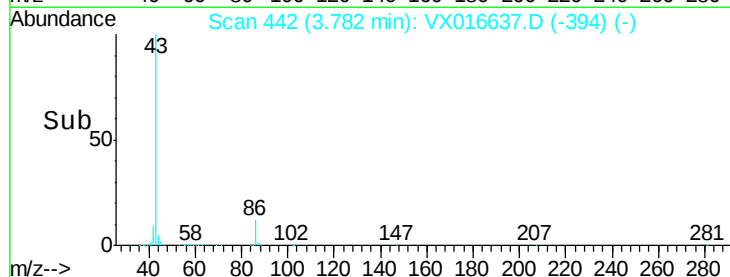
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.64 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

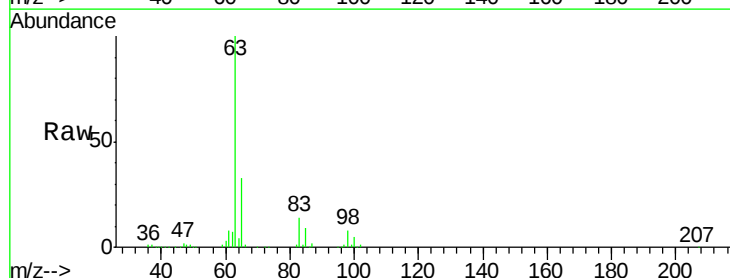
Tgt Ion: 63 Resp: 196384

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 5.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

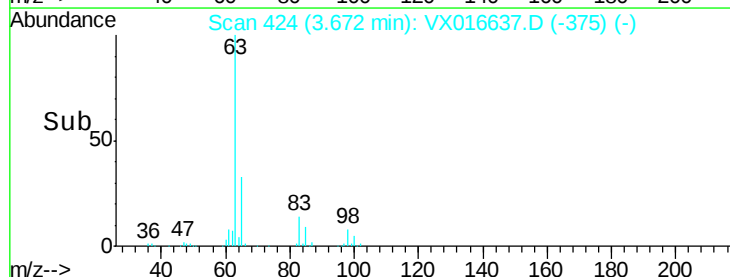
60000

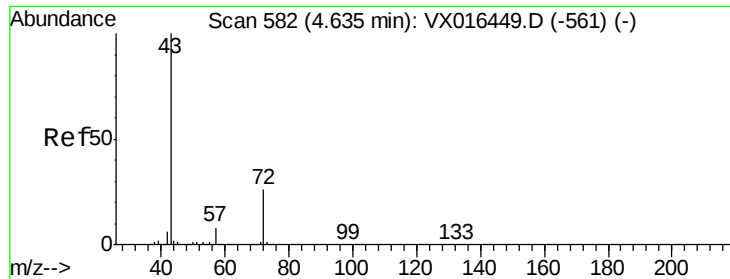
40000

20000

0

Time-->

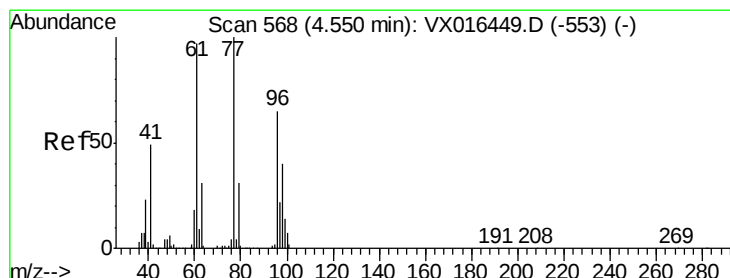
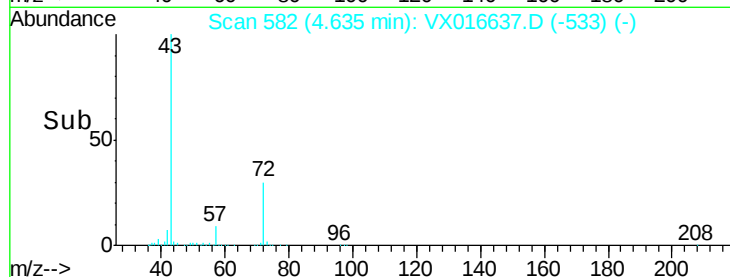
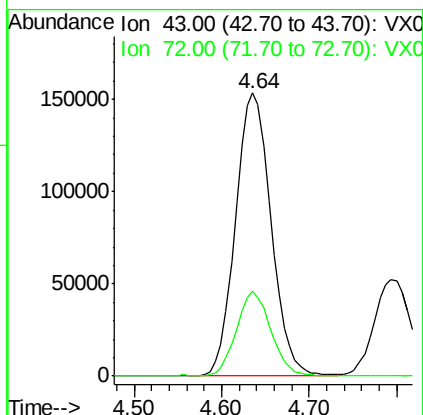
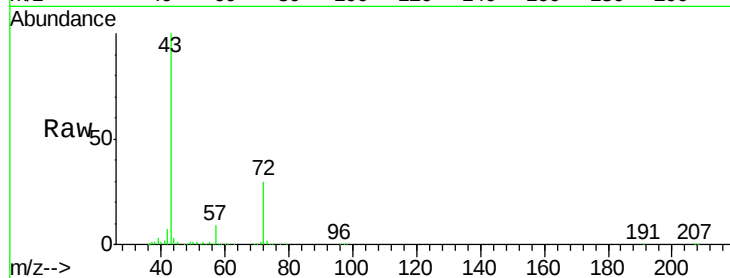




#25
2-Butanone
Concen: 218.92 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

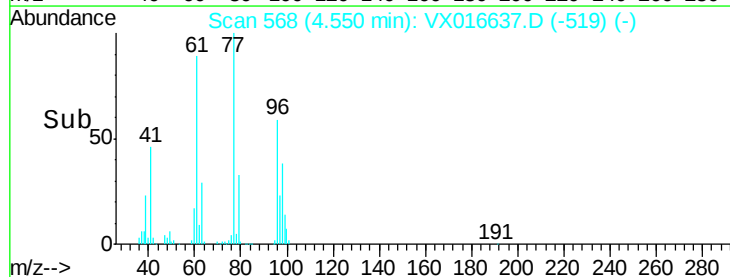
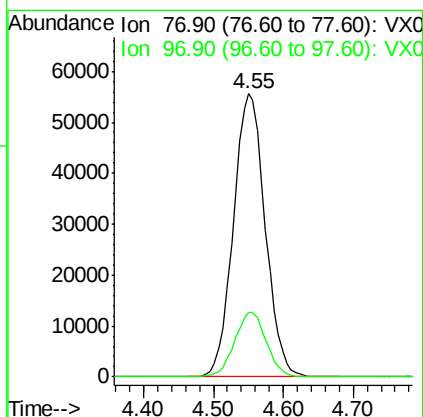
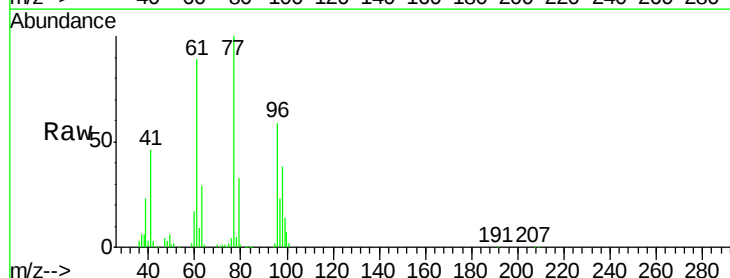
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

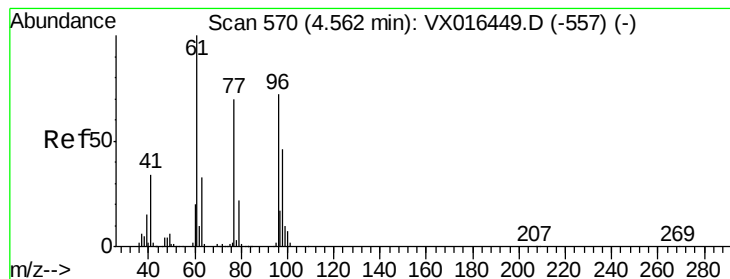
Tgt Ion: 43 Resp: 433671
Ion Ratio Lower Upper
43 100
72 29.7 21.0 31.6



#26
2,2-Dichloropropane
Concen: 51.83 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion: 77 Resp: 174832
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 48.02 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

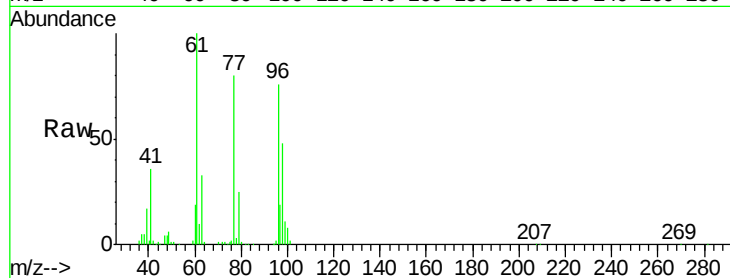
Tgt Ion: 96 Resp: 127028

Ion Ratio Lower Upper

96 100

61 138.5 0.0 284.6

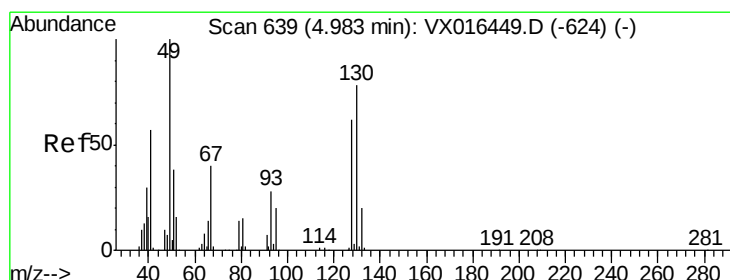
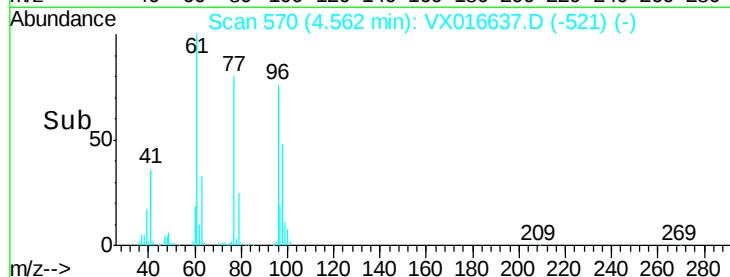
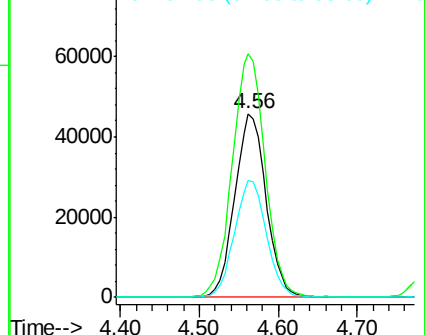
98 64.8 0.0 127.2



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: 42.84 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

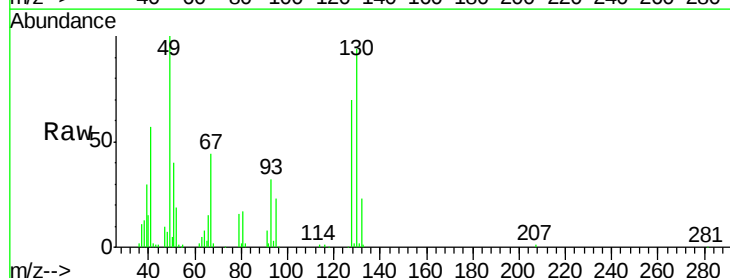
Tgt Ion: 49 Resp: 82064

Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.0

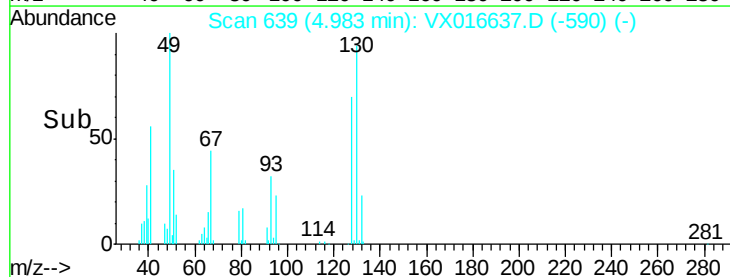
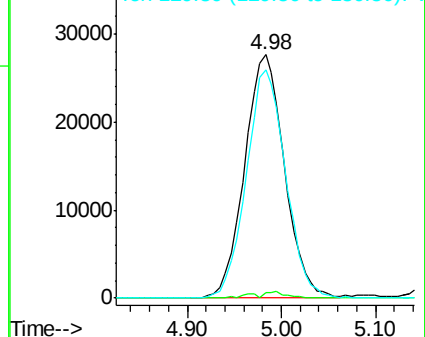
130 92.4 63.0 94.4

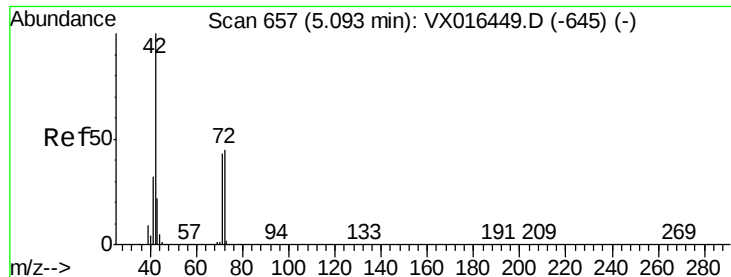


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 222.56 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

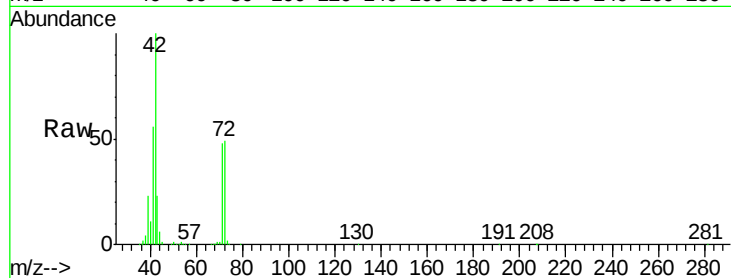
Tgt Ion: 42 Resp: 284829

Ion Ratio Lower Upper

42 100

72 50.4 37.0 55.4

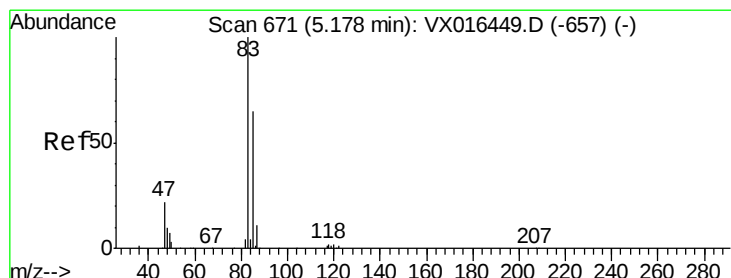
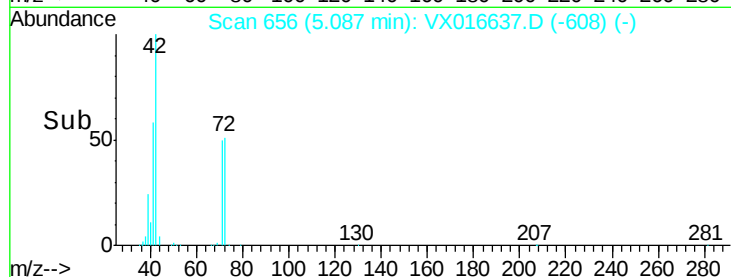
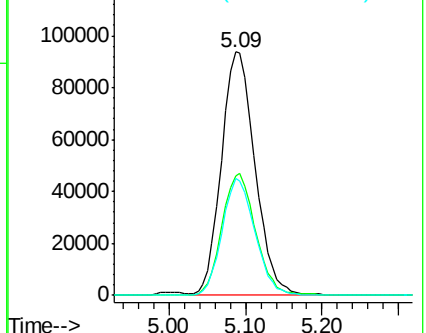
71 47.0 34.1 51.1



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: 49.33 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016637.D

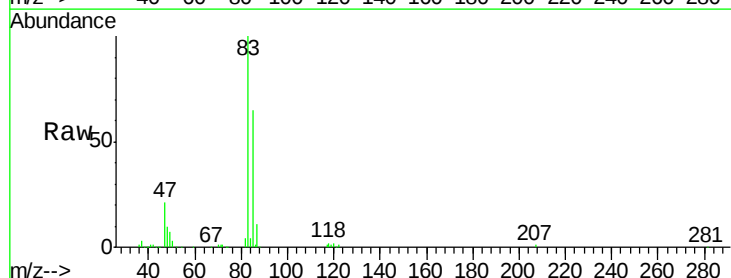
Acq: 08 Jun 2020 14:43

Tgt Ion: 83 Resp: 204894

Ion Ratio Lower Upper

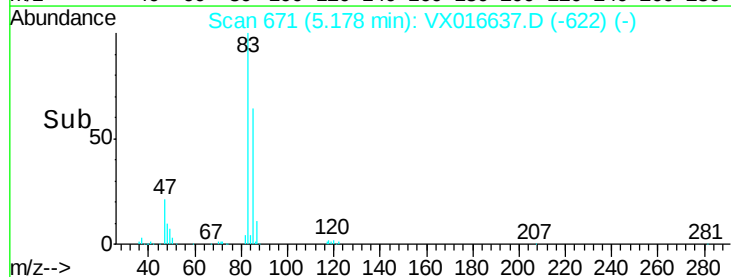
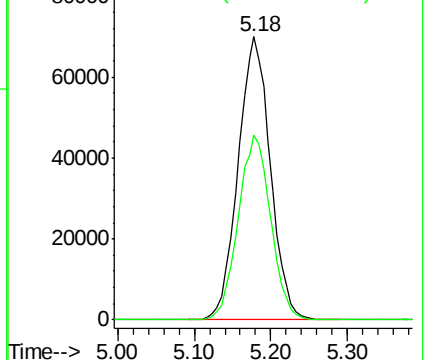
83 100

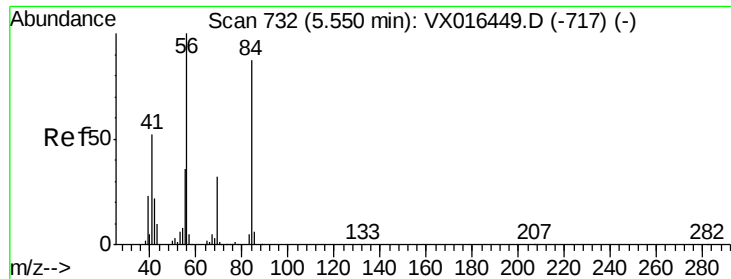
85 65.3 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

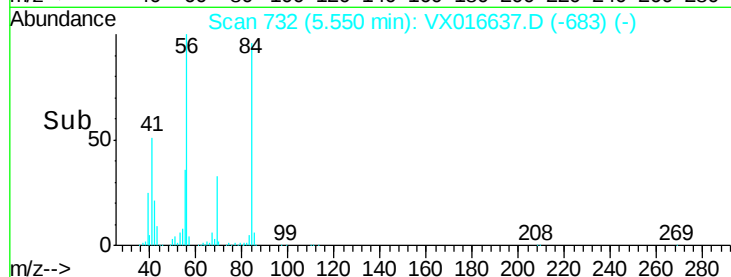
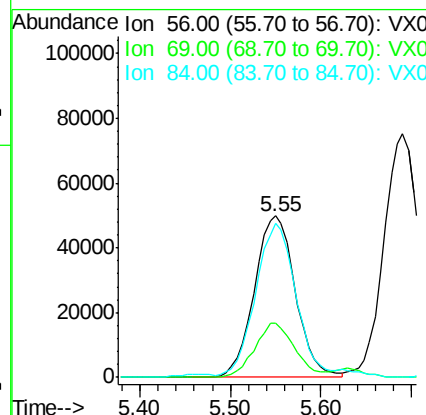
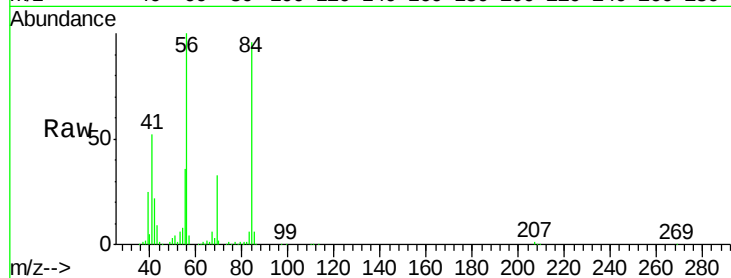




#31
Cyclohexane
Concen: 42.02 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

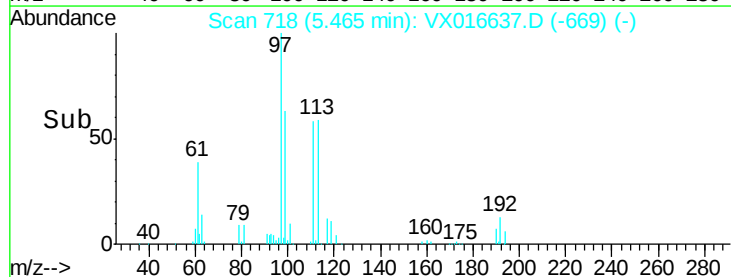
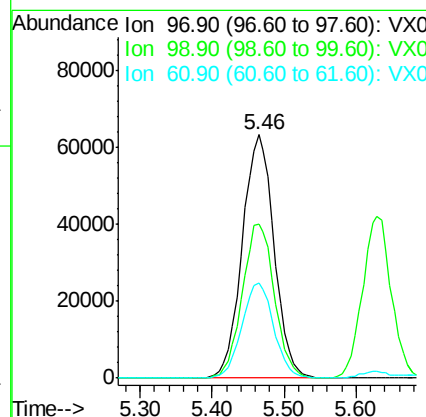
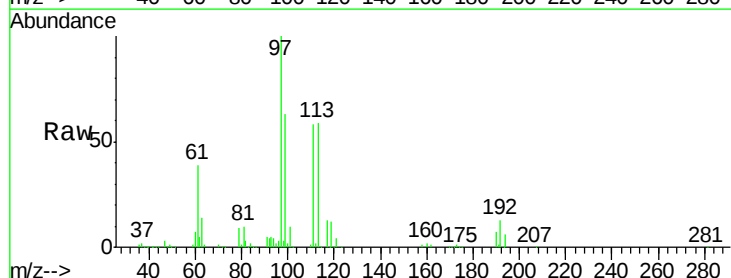
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

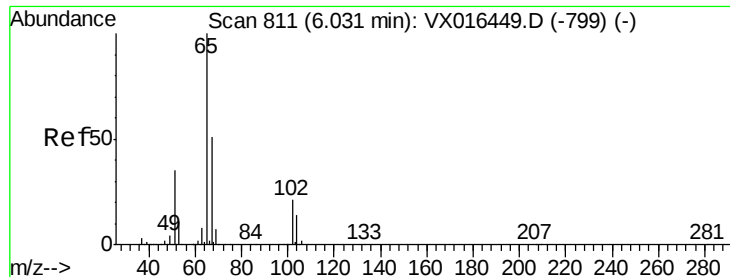
Tgt Ion: 56 Resp: 155829
Ion Ratio Lower Upper
56 100
69 33.4 25.7 38.5
84 93.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 51.35 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion: 97 Resp: 193096
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 39.3 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 48.50 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

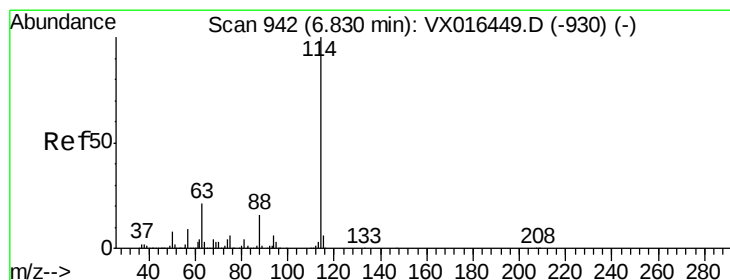
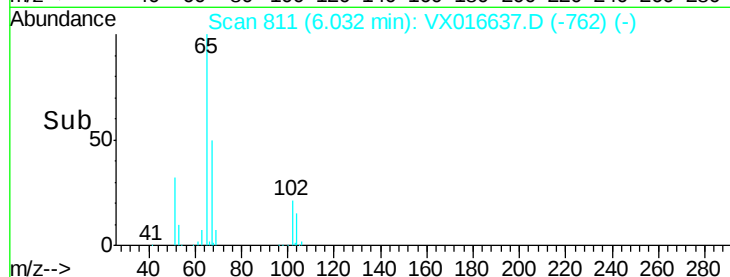
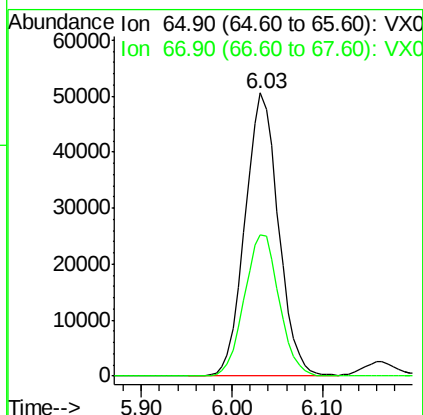
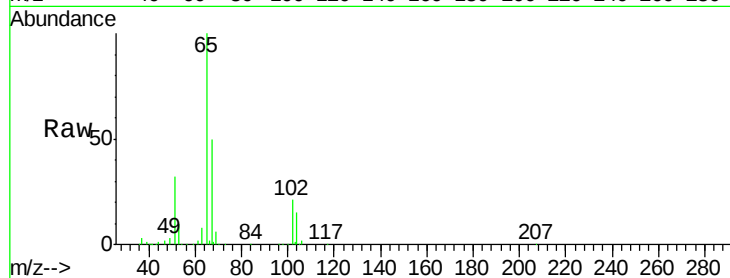
SA-PZ134I-20200604MSD

Tgt Ion: 65 Resp: 129420

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: VX016637.D

Acq: 08 Jun 2020 14:43

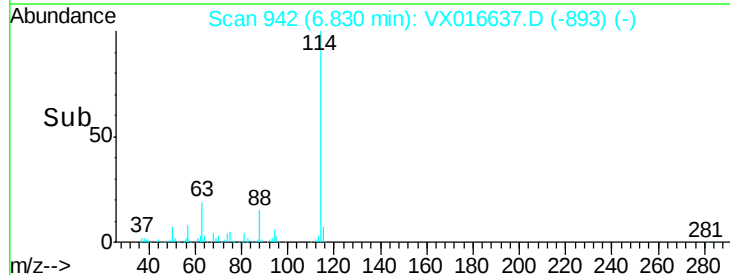
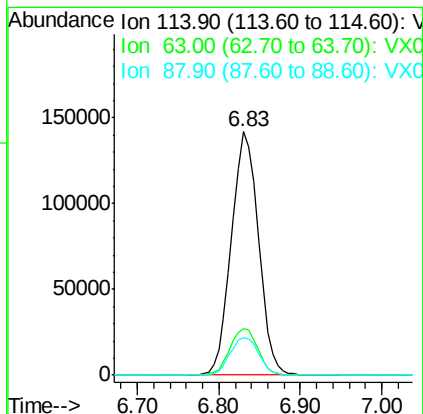
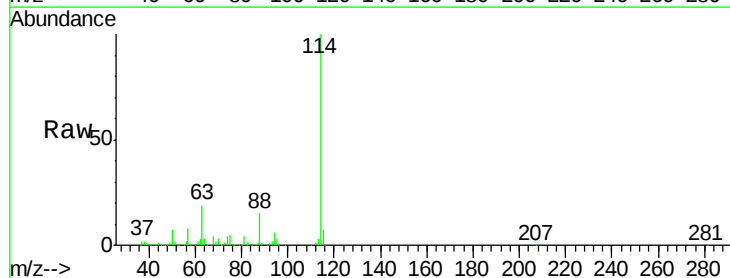
Tgt Ion: 114 Resp: 326175

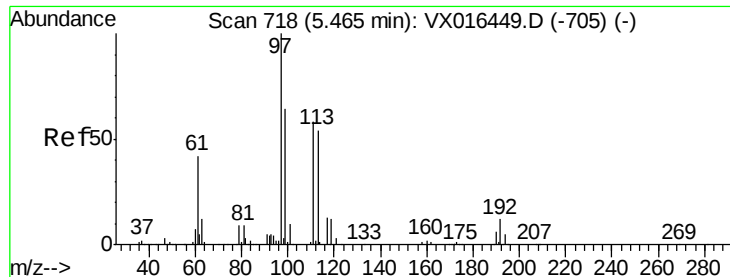
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

88 15.4 0.0 32.8

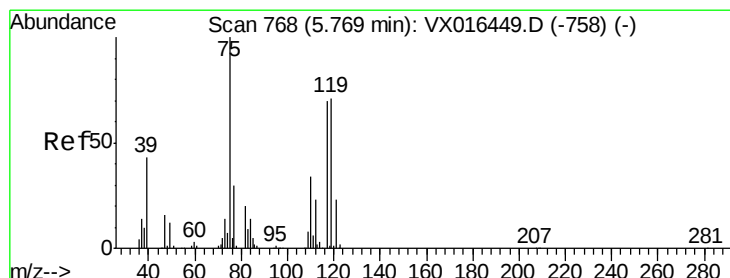
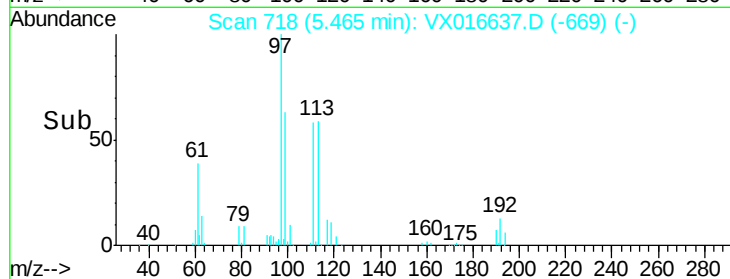
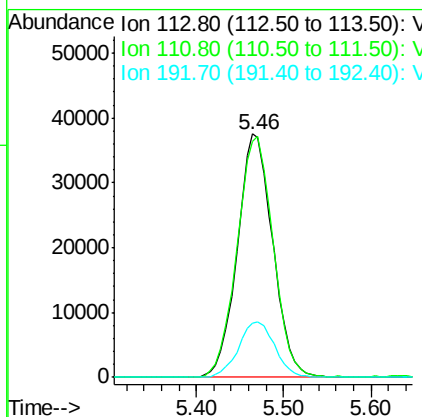
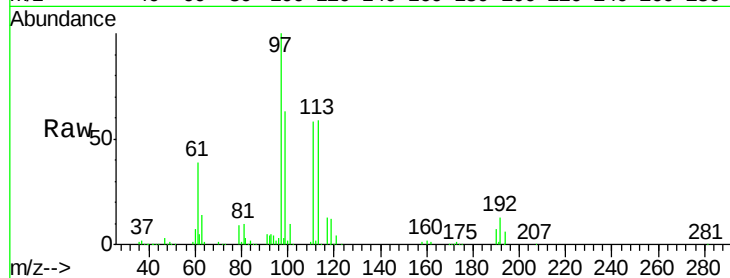




#35
 Dibromofluoromethane
 Concen: 52.46 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

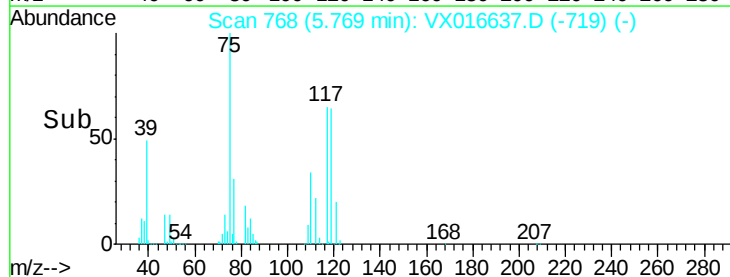
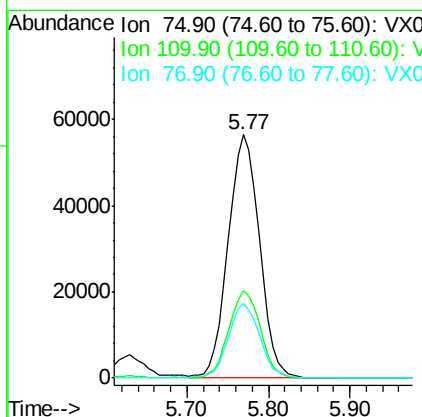
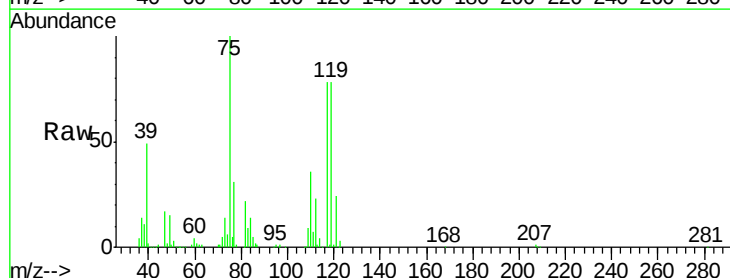
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

Tgt Ion: 113 Resp: 105371
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.0 124.6
 192 23.3 17.7 26.5



#36
 1,1-Dichloropropene
 Concen: 48.34 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Tgt Ion: 75 Resp: 149291
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.4 52.3
 77 31.2 24.2 36.4

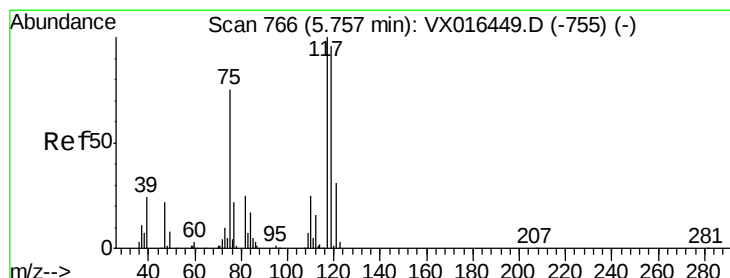
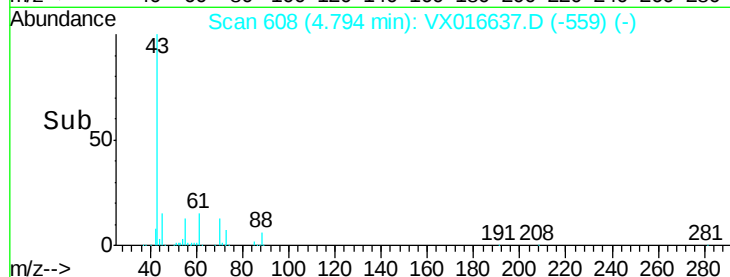
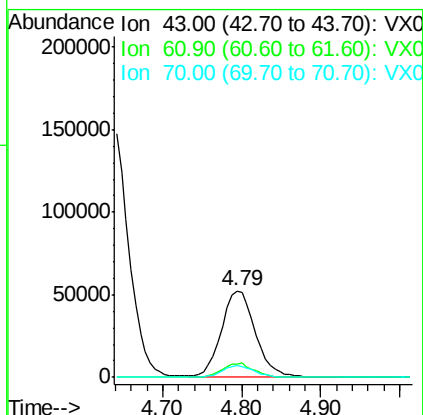
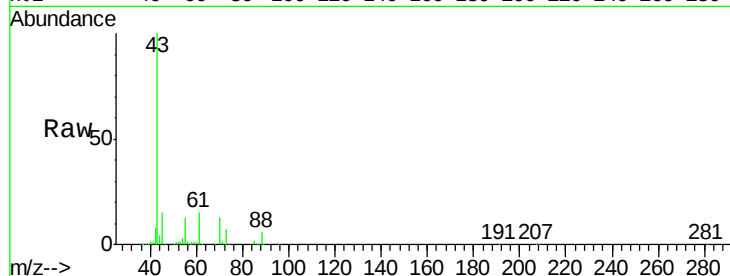




#37
Ethyl Acetate
Concen: 41.95 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

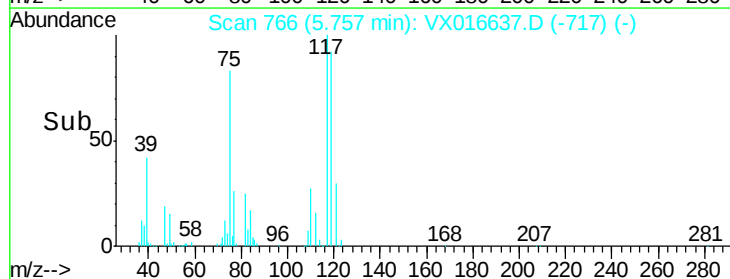
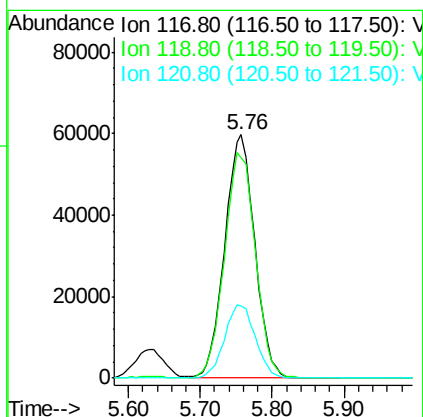
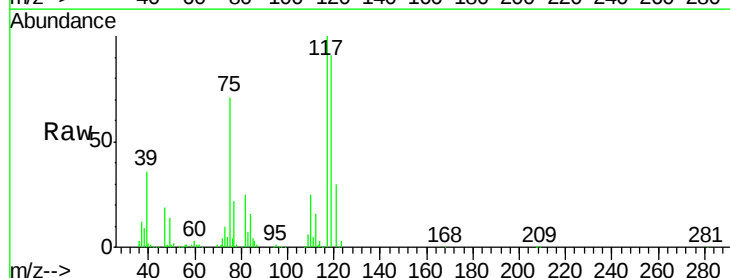
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

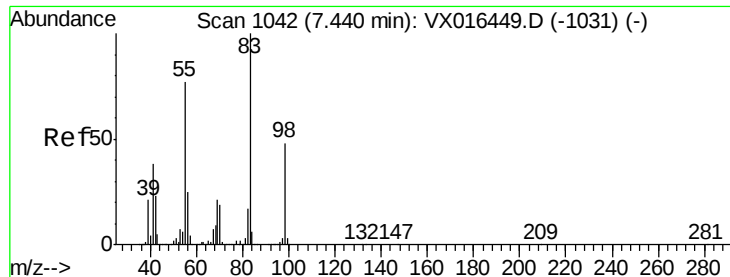
Tgt Ion: 43 Resp: 155538
Ion Ratio Lower Upper
43 100
61 15.5 11.3 16.9
70 12.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 53.39 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion: 117 Resp: 173273
Ion Ratio Lower Upper
117 100
119 90.7 76.3 114.5
121 29.6 24.6 37.0





#39

Methylcyclohexane

Concen: 47.37 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

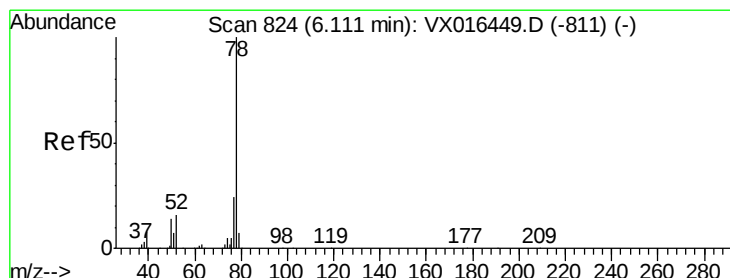
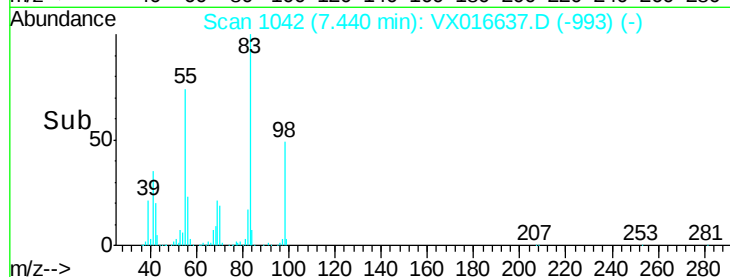
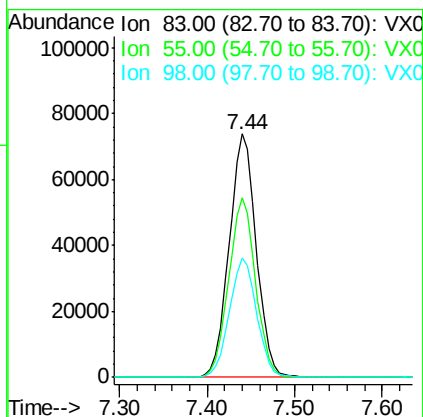
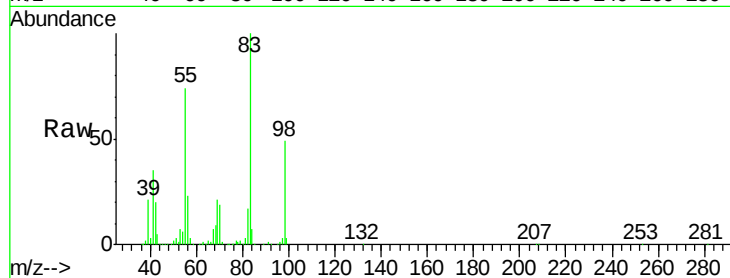
Tgt Ion: 83 Resp: 158881

Ion Ratio Lower Upper

83 100

55 73.5 61.7 92.5

98 49.2 38.7 58.1



#40

Benzene

Concen: 48.81 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX016637.D

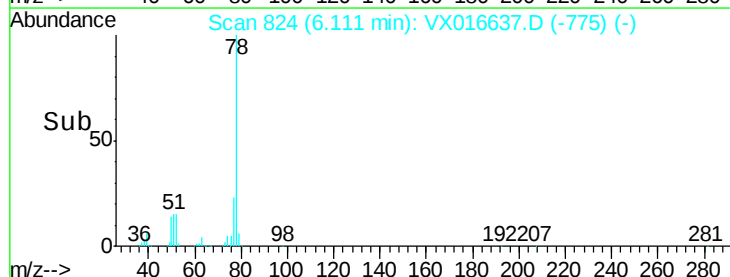
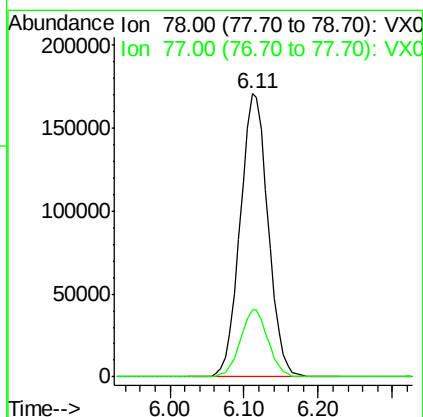
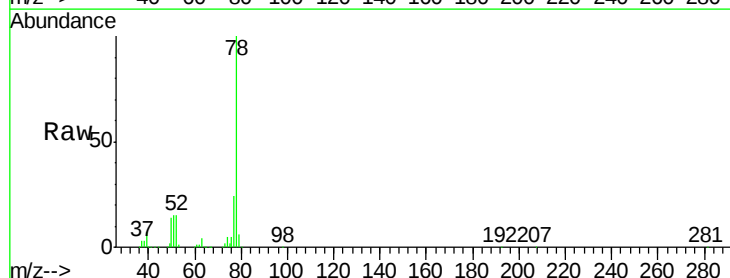
Acq: 08 Jun 2020 14:43

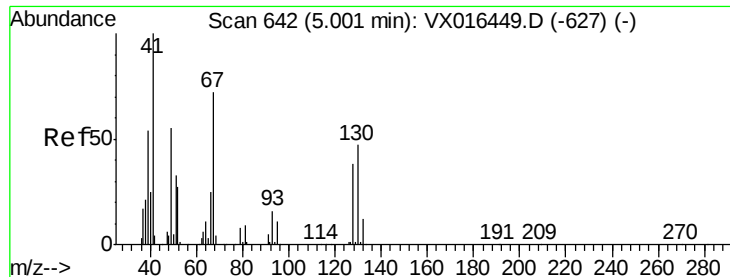
Tgt Ion: 78 Resp: 448861

Ion Ratio Lower Upper

78 100

77 23.6 18.9 28.3

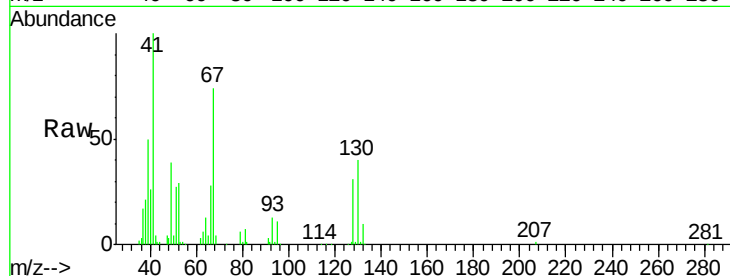




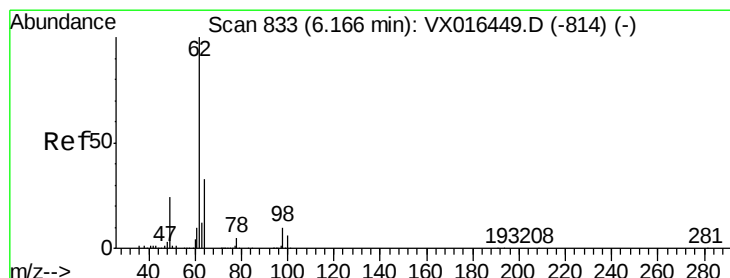
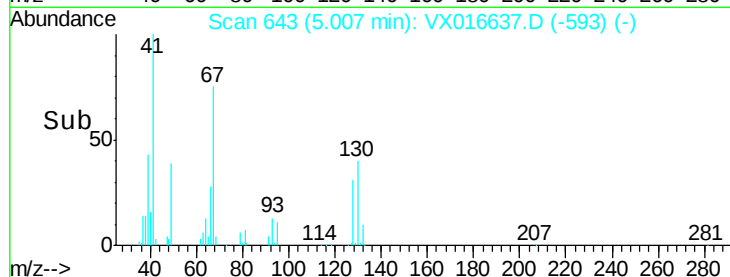
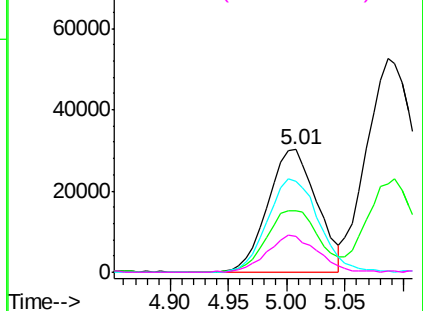
#41
Methacrylonitrile
Concen: 43.57 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

Tgt Ion:	41	Resp:	88727
Ion	Ratio	Lower	Upper
41	100		
39	53.3	43.0	64.4
67	79.8	58.9	88.3
52	31.1	23.1	34.7

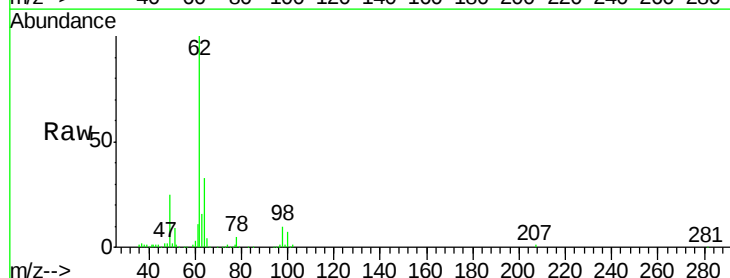


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

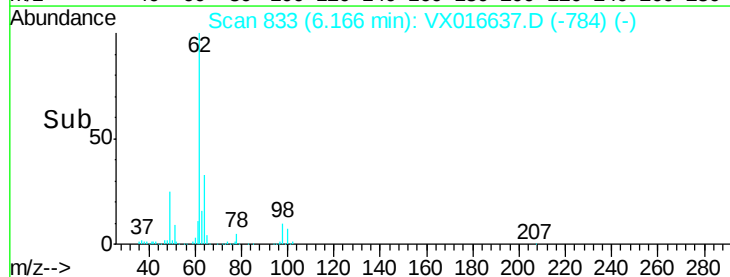
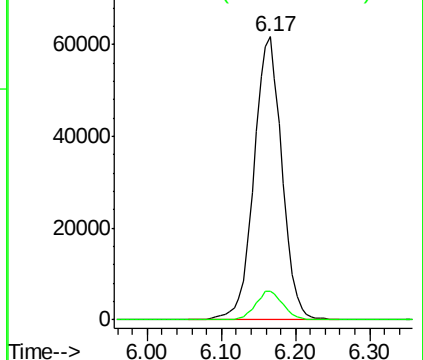


#42
1,2-Dichloroethane
Concen: 49.71 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion:	62	Resp:	162592
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8



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



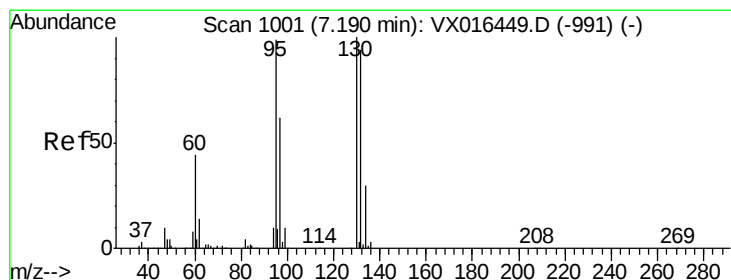
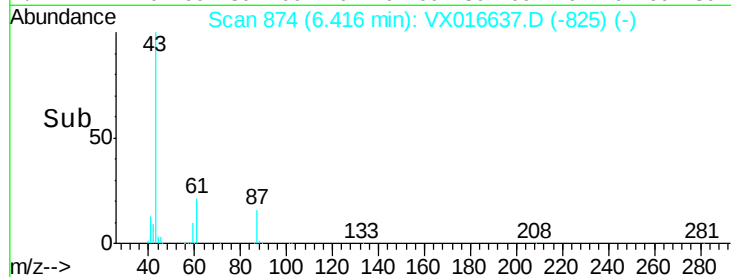
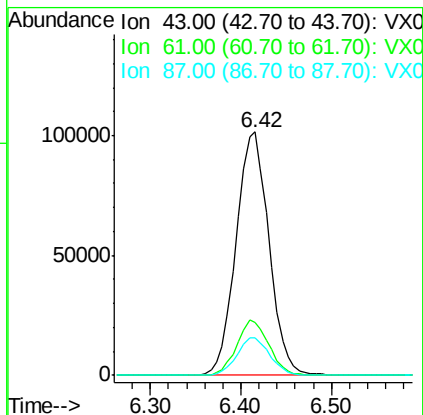
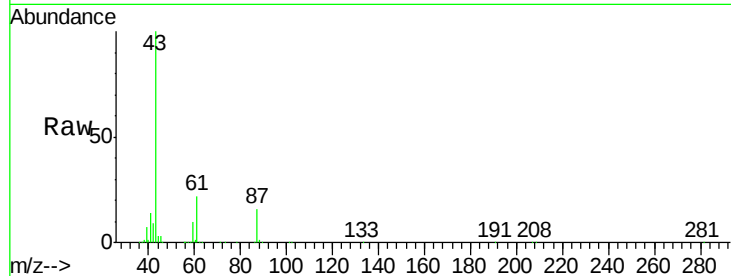


#43

Isopropyl Acetate
 Concen: 43.98 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

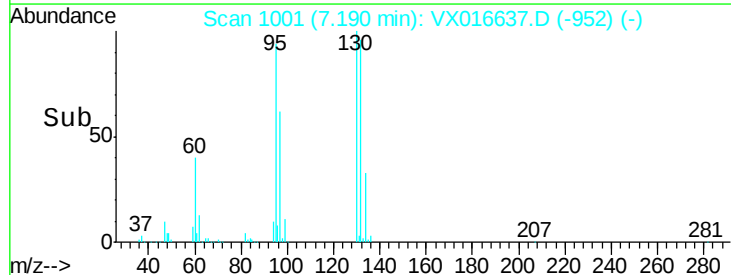
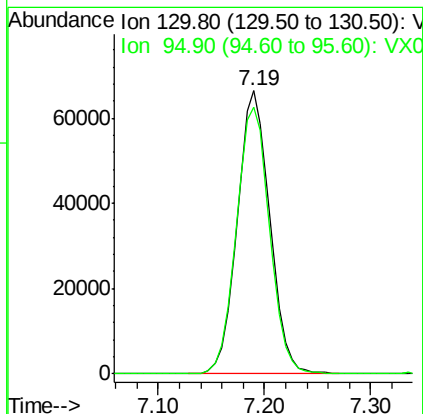
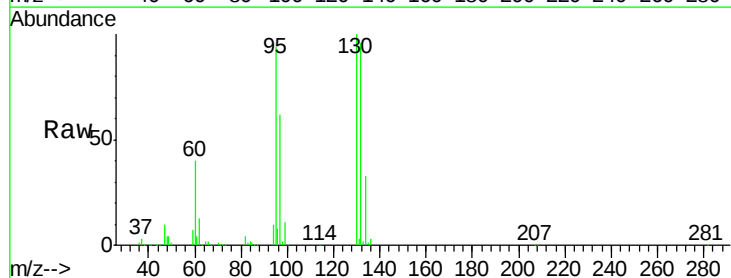
Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.2	16.8	25.2
87	15.5	11.2	16.8

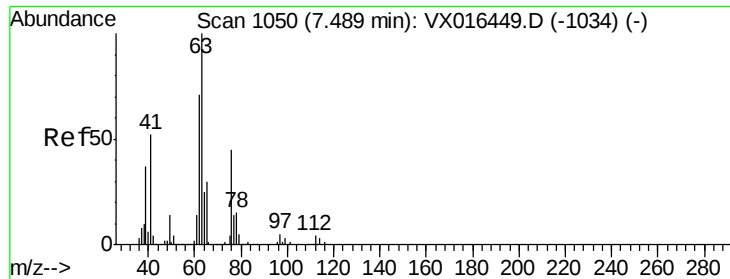


#44

Trichloroethene
 Concen: 48.94 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	198.2

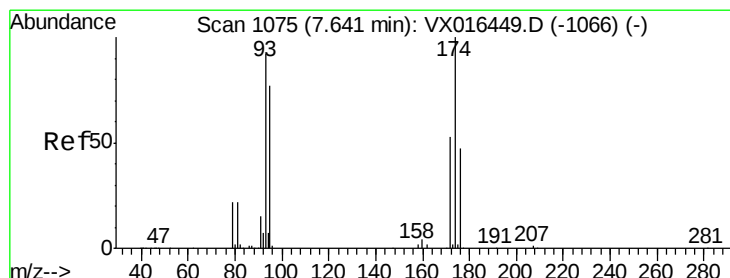
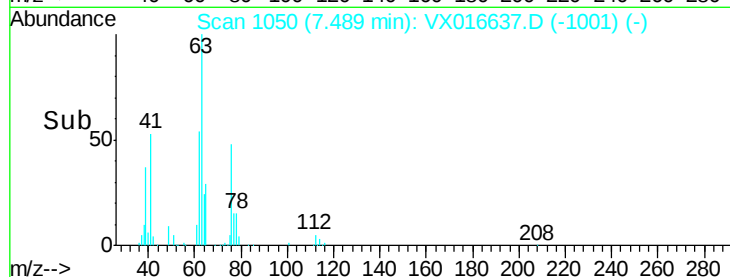
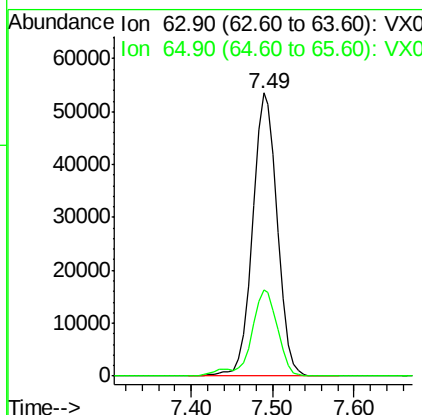
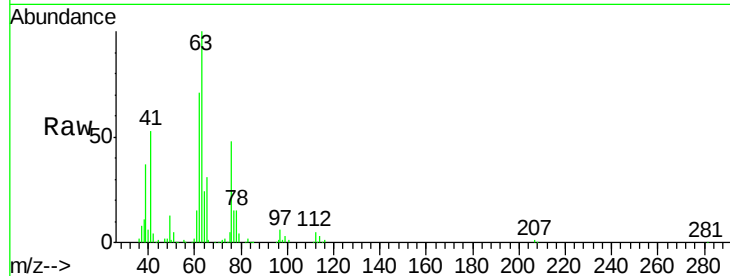




#45
 1,2-Dichloropropane
 Concen: 48.50 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

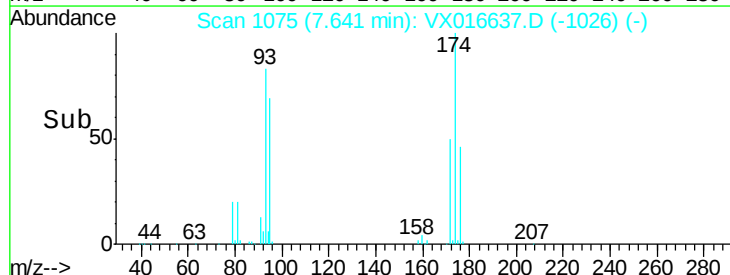
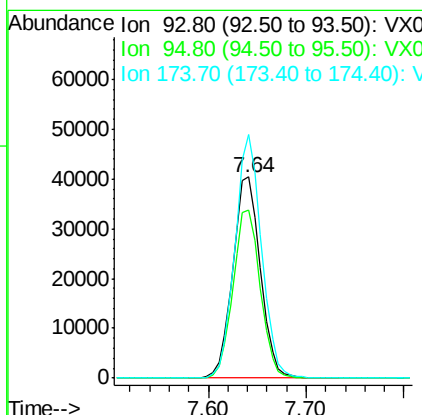
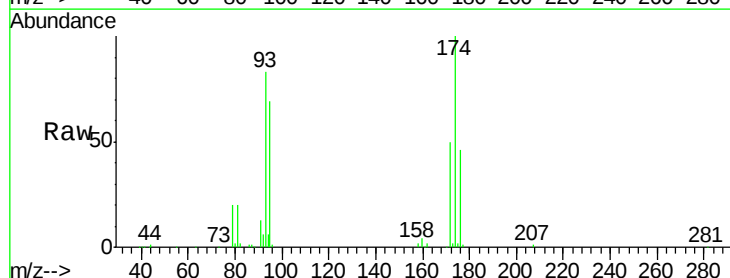
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

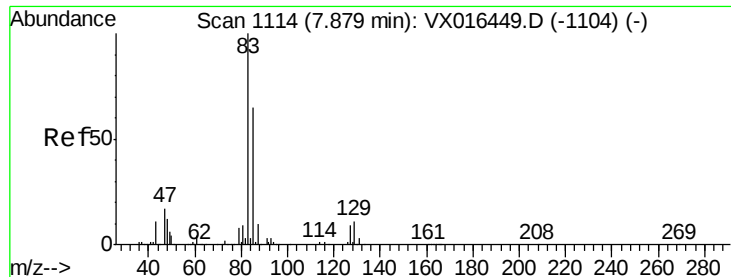
Tgt Ion: 63 Resp: 113555
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.2 36.2



#46
 Dibromomethane
 Concen: 50.53 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Tgt Ion: 93 Resp: 79456
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.6 100.0
 174 116.0 86.2 129.4





#47

Bromodichloromethane

Concen: 51.42 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

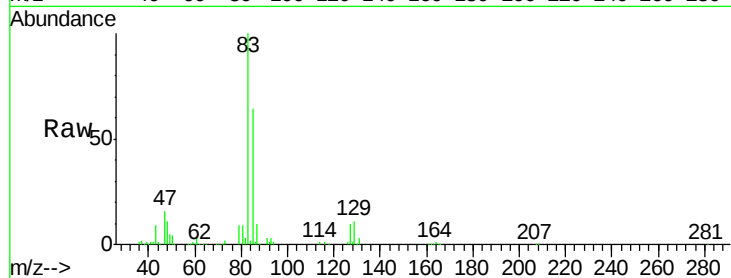
Tgt Ion: 83 Resp: 167434

Ion Ratio Lower Upper

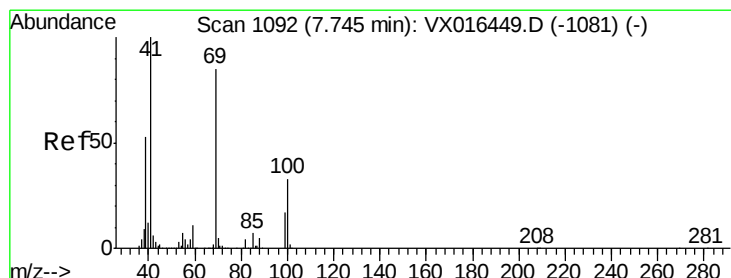
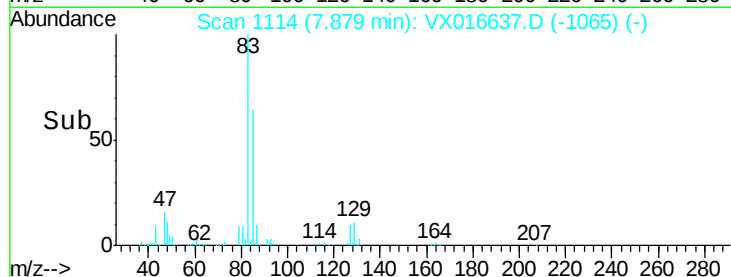
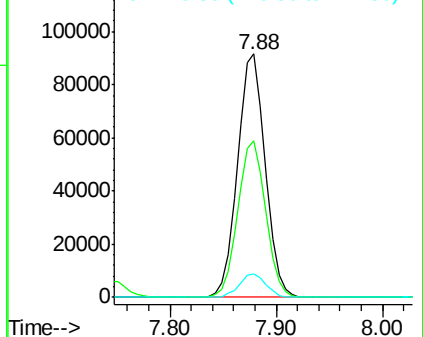
83 100

85 64.5 52.0 78.0

127 9.6 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: 45.39 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

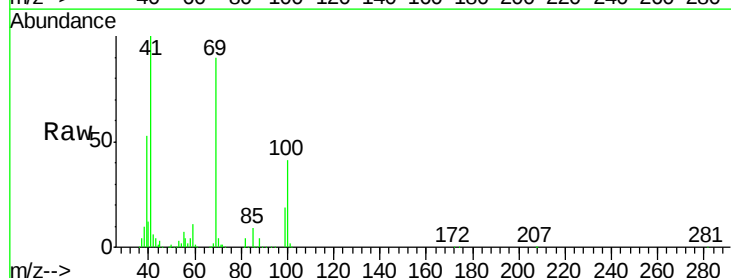
Tgt Ion: 41 Resp: 125702

Ion Ratio Lower Upper

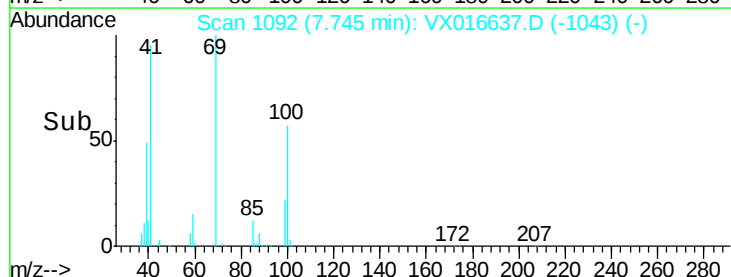
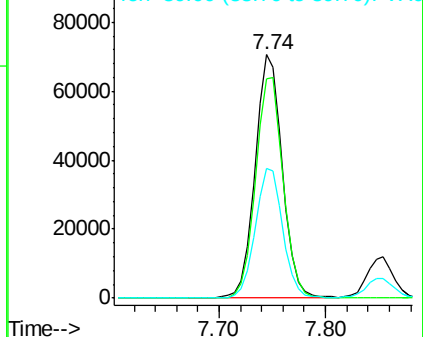
41 100

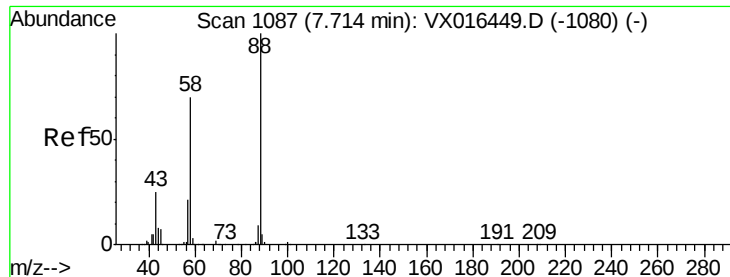
69 92.3 68.6 102.8

39 53.6 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: 981.78 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

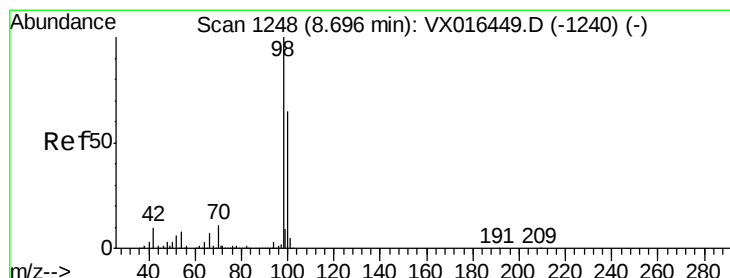
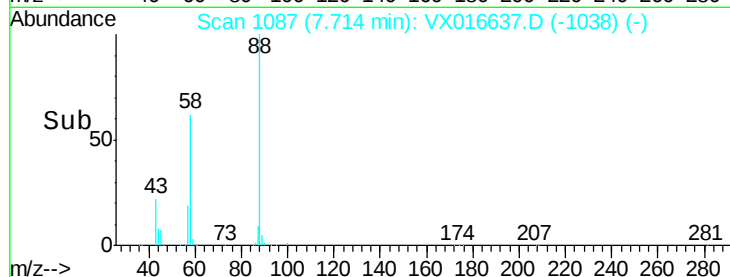
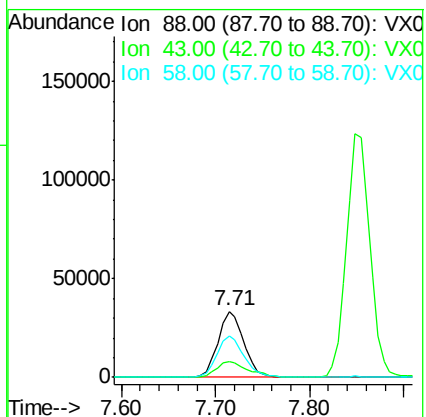
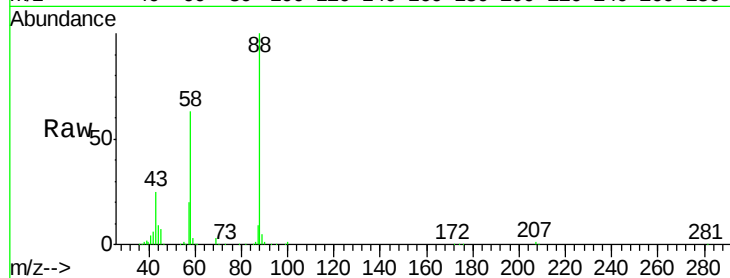
Tgt Ion: 88 Resp: 63623

Ion Ratio Lower Upper

88 100

43 29.3 24.2 36.4

58 65.7 56.5 84.7



#50

Toluene-d8

Concen: 51.19 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016637.D

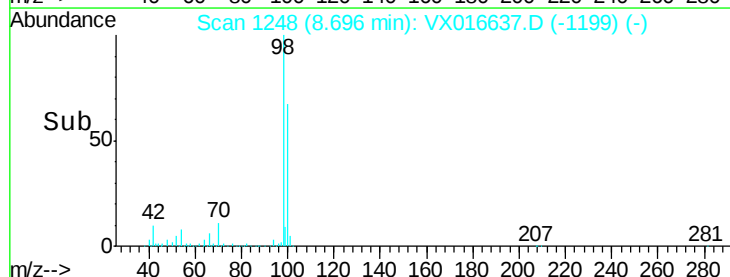
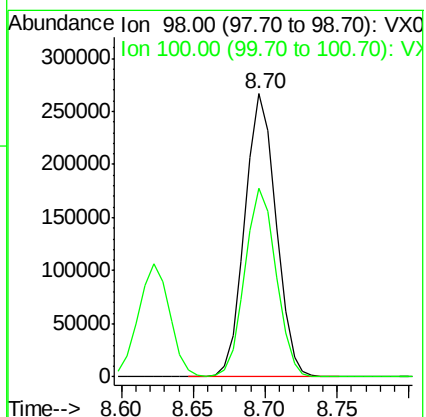
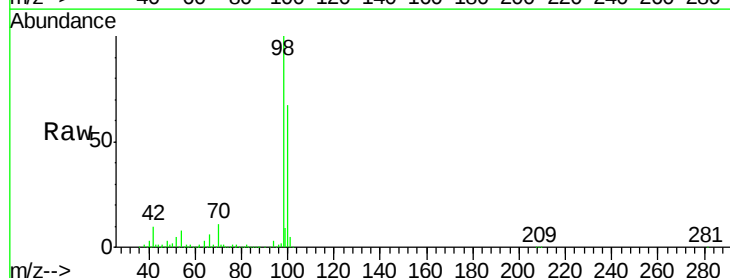
Acq: 08 Jun 2020 14:43

Tgt Ion: 98 Resp: 400122

Ion Ratio Lower Upper

98 100

100 66.6 53.8 80.6

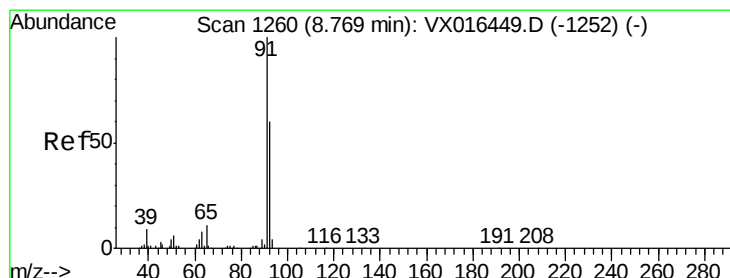
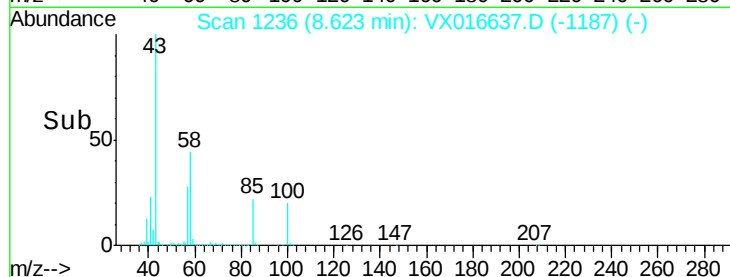
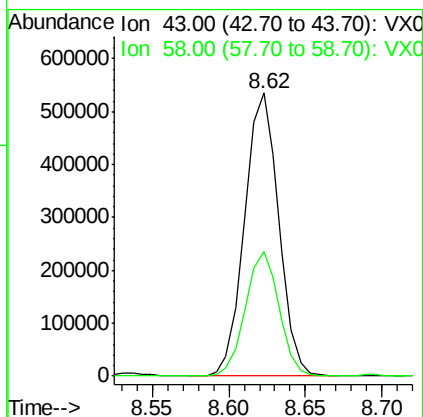
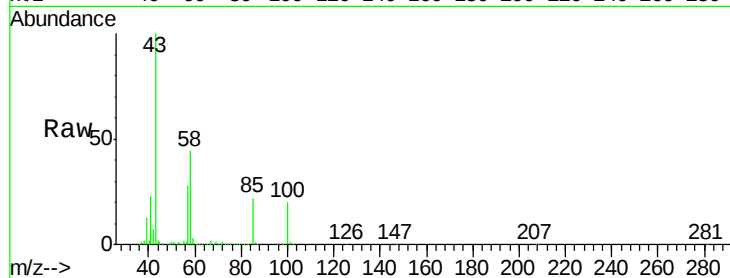




#51
 4-Methyl-2-Pentanone
 Concen: 230.50 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

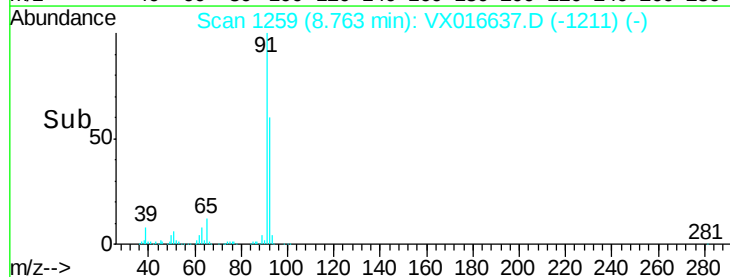
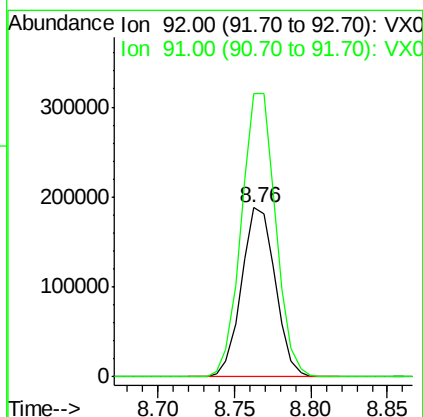
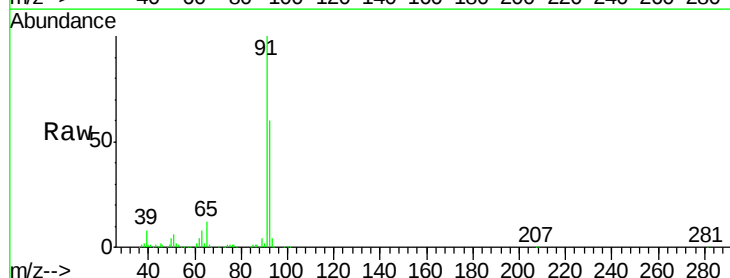
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

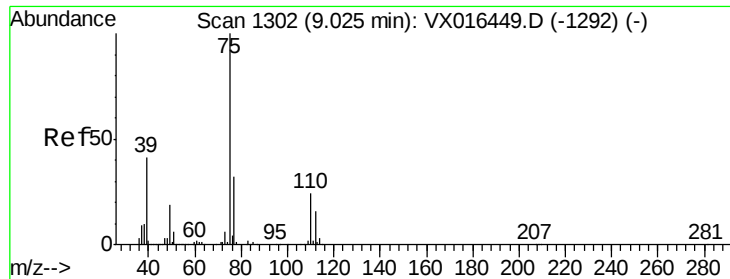
Tgt Ion: 43 Resp: 830057
 Ion Ratio Lower Upper
 43 100
 58 43.4 33.0 49.6



#52
 Toluene
 Concen: 49.80 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Tgt Ion: 92 Resp: 288828
 Ion Ratio Lower Upper
 92 100
 91 169.6 135.0 202.4

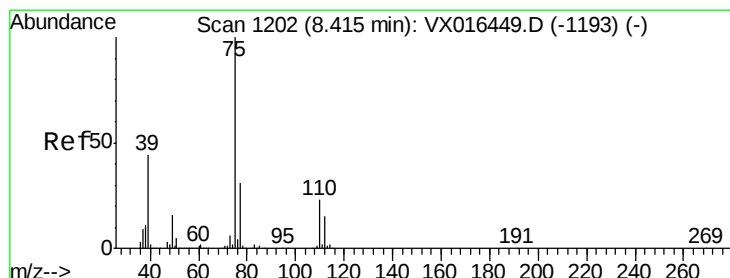
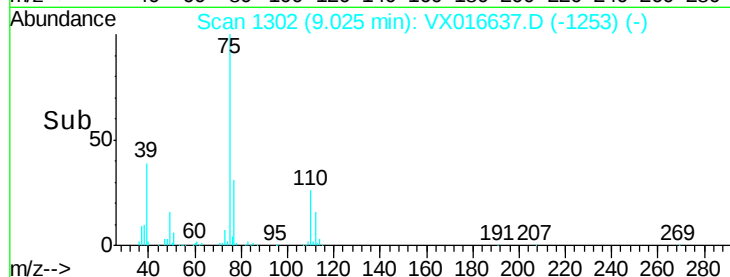
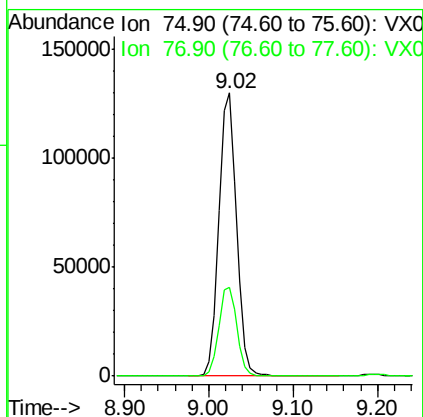
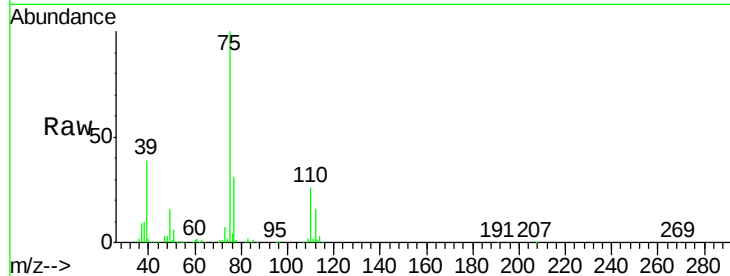




#53
t-1,3-Dichloropropene
Concen: 51.22 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

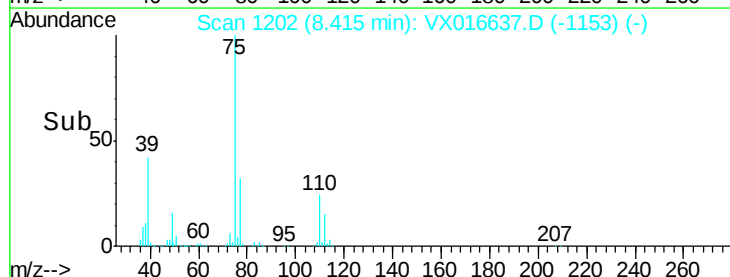
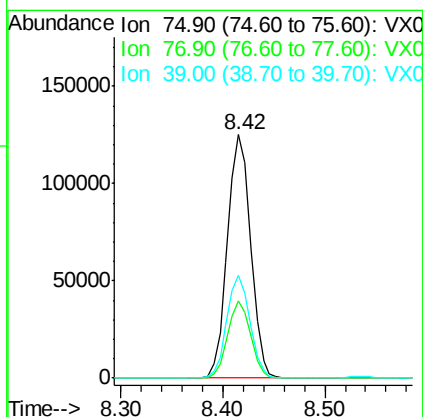
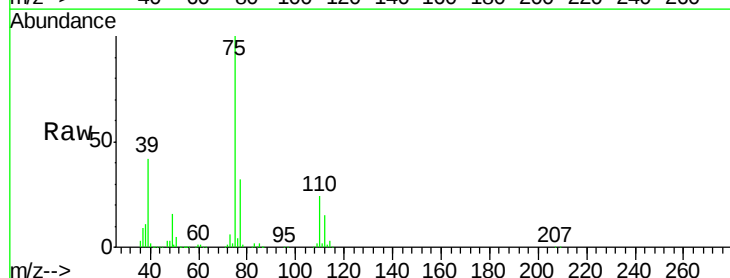
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

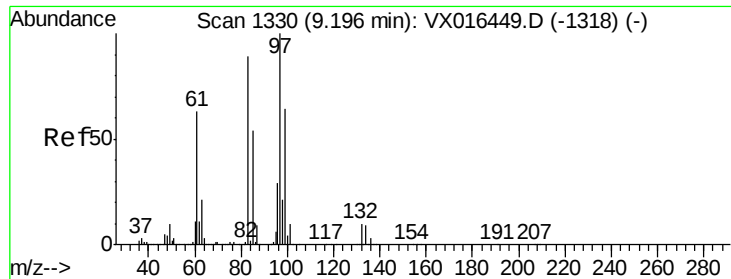
Tgt Ion: 75 Resp: 189638
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 50.31 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion: 75 Resp: 197147
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8
39 42.1 35.3 52.9

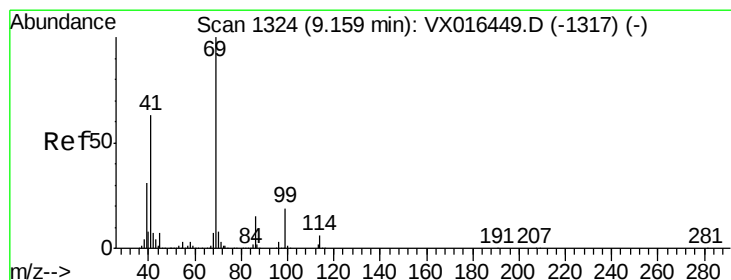
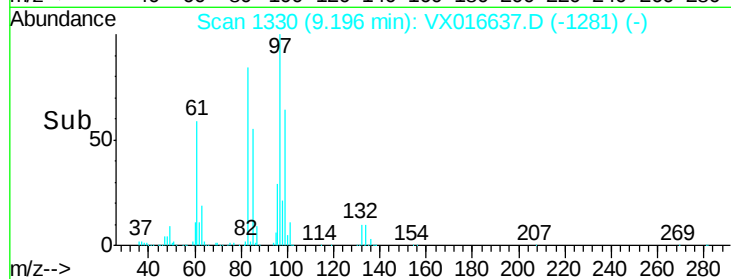
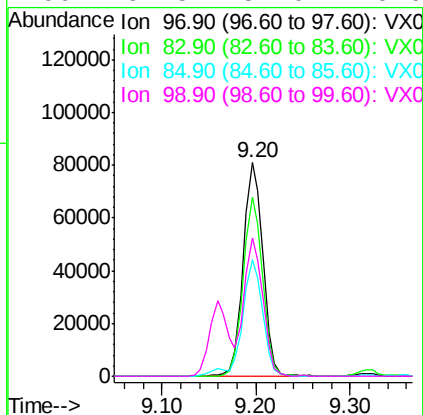
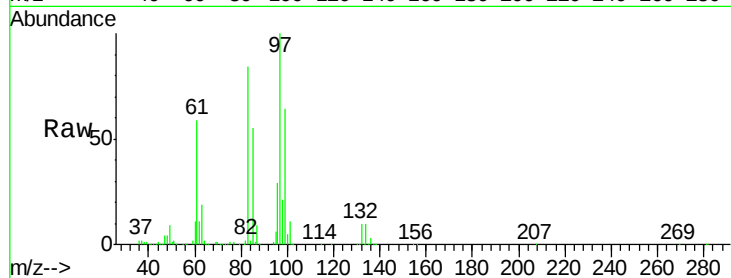




#55
 1,1,2-Trichloroethane
 Concen: 51.37 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

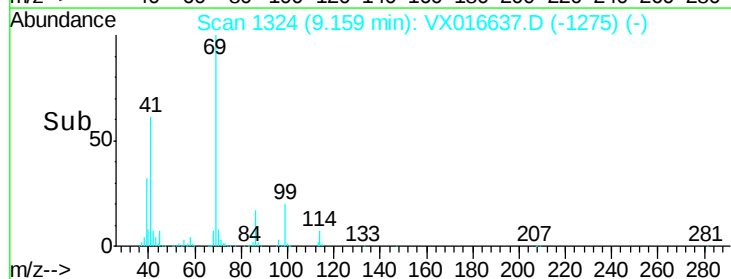
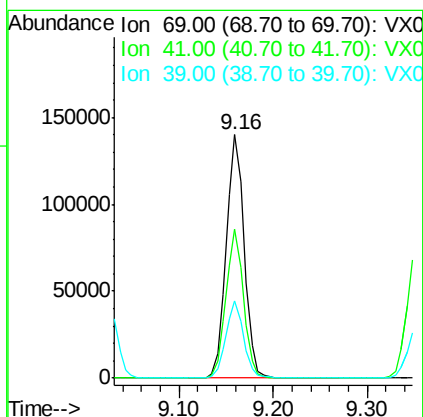
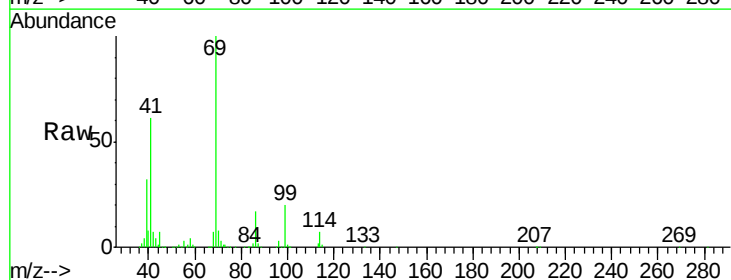
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

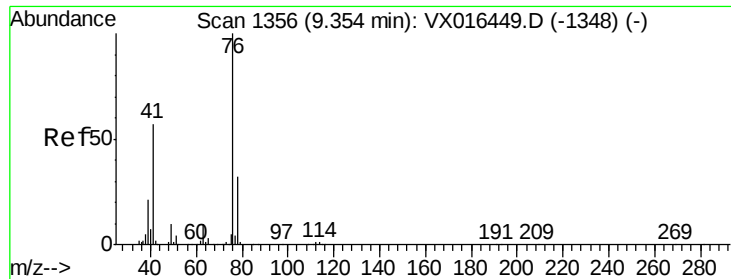
Tgt Ion:	97	Resp:	118457
Ion	Ratio	Lower	Upper
97	100		
83	83.7	70.9	106.3
85	54.8	43.4	65.2
99	64.5	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 49.23 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Tgt Ion:	69	Resp:	184869
Ion	Ratio	Lower	Upper
69	100		
41	60.3	50.7	76.1
39	31.2	25.8	38.6





#57

1,3-Dichloropropane

Concen: 50.11 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

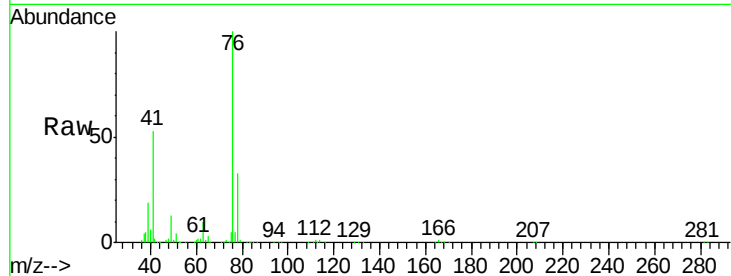
SA-PZ134I-20200604MSD

Tgt Ion: 76 Resp: 198326

Ion Ratio Lower Upper

76 100

78 32.8 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

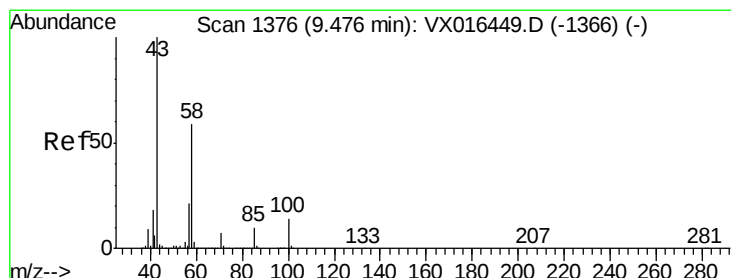
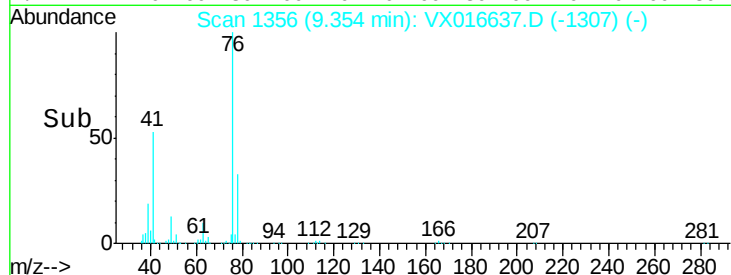
100000

50000

0

Time-->

9.30 9.40



#59

2-Hexanone

Concen: 231.77 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX016637.D

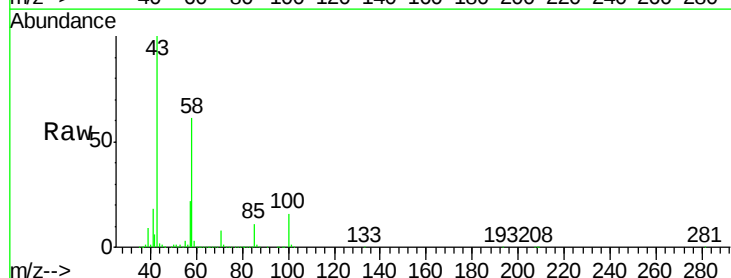
Acq: 08 Jun 2020 14:43

Tgt Ion: 43 Resp: 649047

Ion Ratio Lower Upper

43 100

58 59.5 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

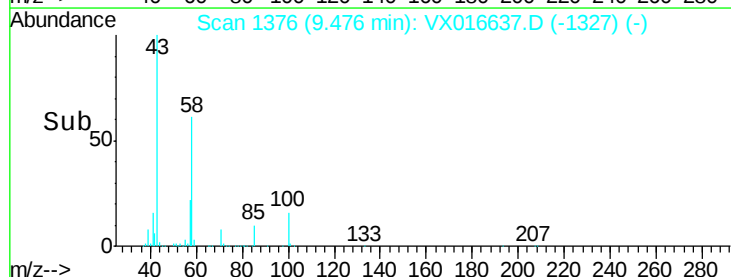
200000

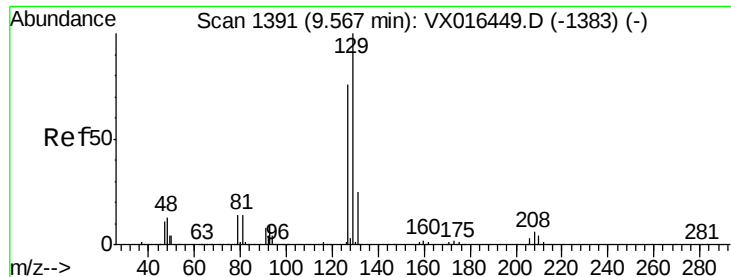
100000

0

Time-->

9.30 9.40 9.50 9.60

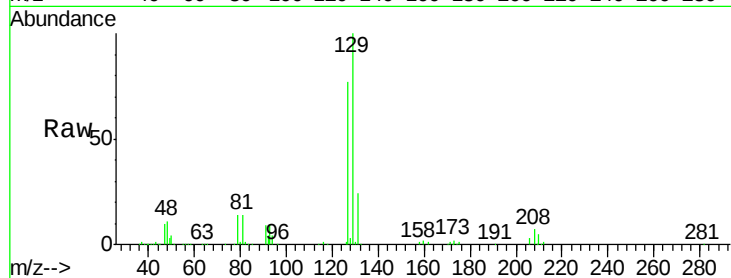




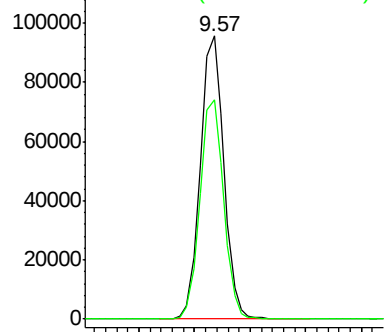
#60
 Dibromochloromethane
 Concen: 53.75 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

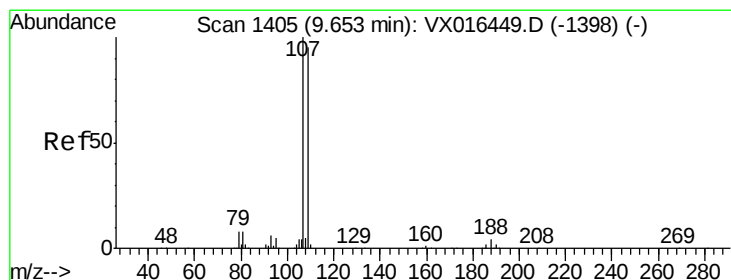
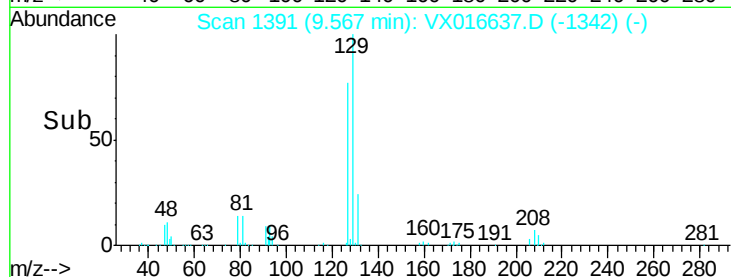
Tgt Ion:129 Resp: 139464
 Ion Ratio Lower Upper
 129 100
 127 78.5 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

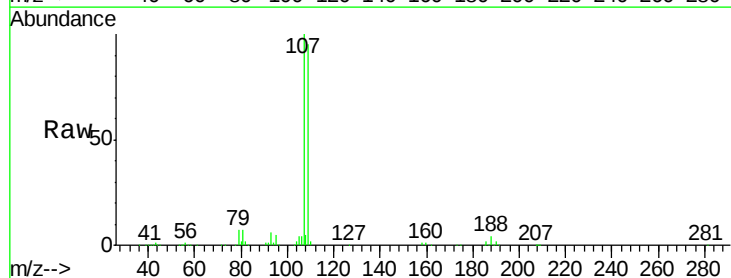


Time-->

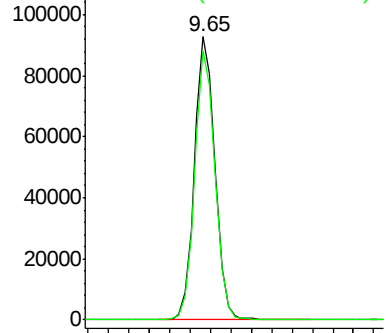


#61
 1,2-Dibromoethane
 Concen: 52.19 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

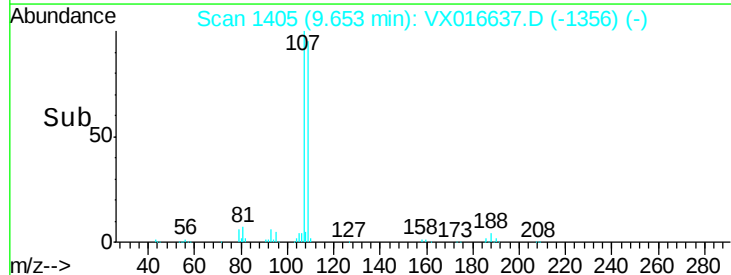
Tgt Ion:107 Resp: 128864
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.5 113.3

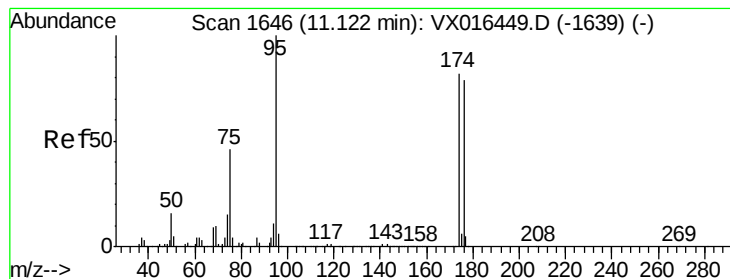


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V



Time-->





#62

4-Bromofluorobenzene

Concen: 51.03 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

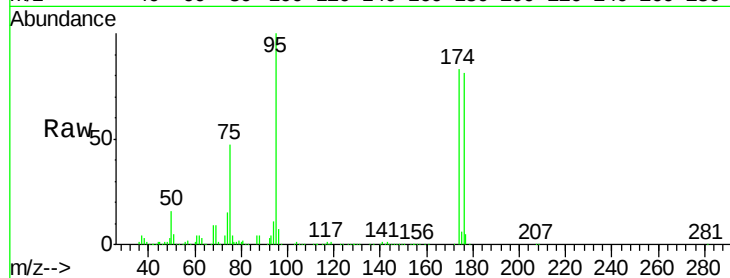
Tgt Ion: 95 Resp: 154128

Ion Ratio Lower Upper

95 100

174 84.0 0.0 163.0

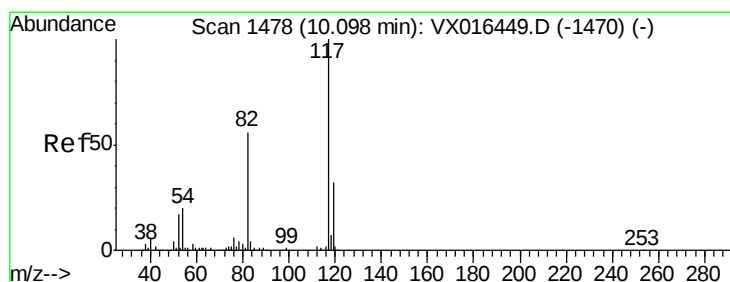
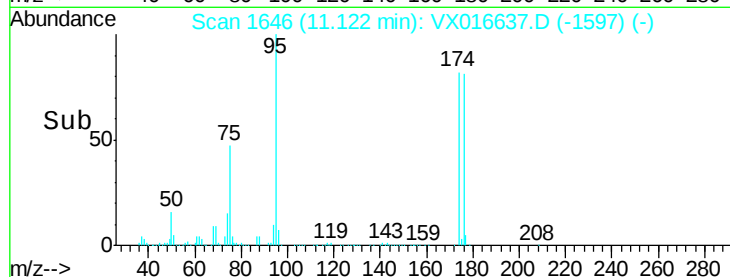
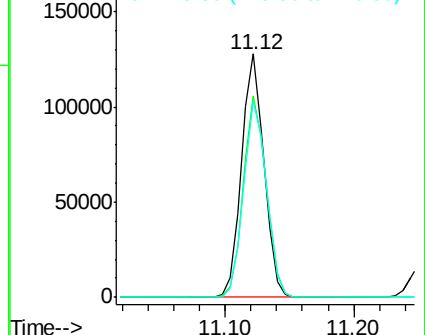
176 82.2 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016637.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016637.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016637.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

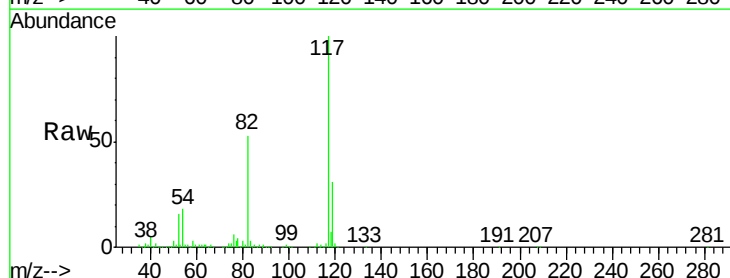
Tgt Ion: 117 Resp: 306647

Ion Ratio Lower Upper

117 100

82 52.9 45.0 67.6

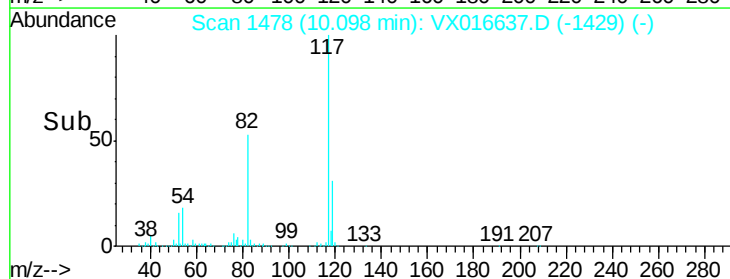
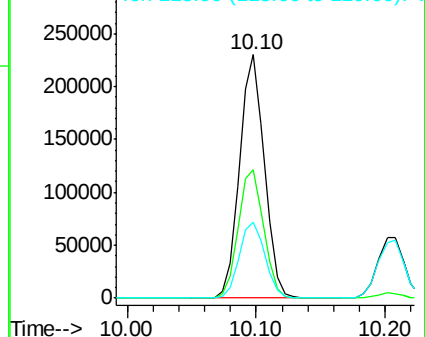
119 31.1 25.8 38.8

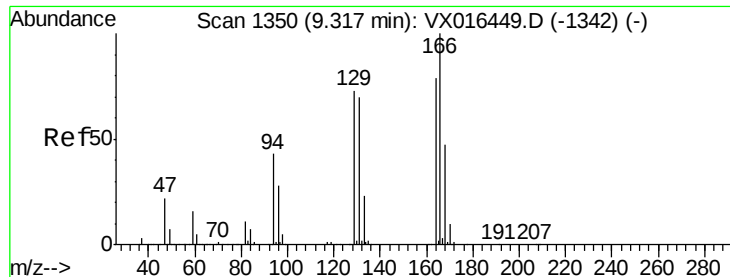


Abundance Ion 116.90 (116.60 to 117.60): VX016637.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016637.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016637.D (-1429) (-)

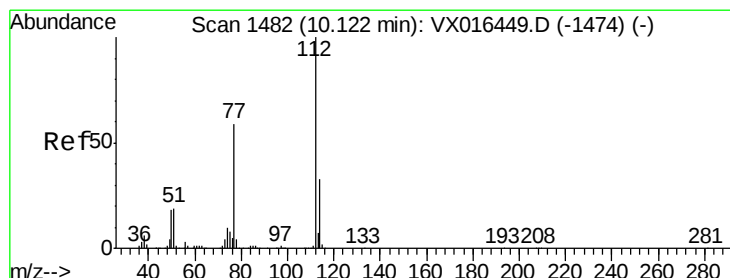
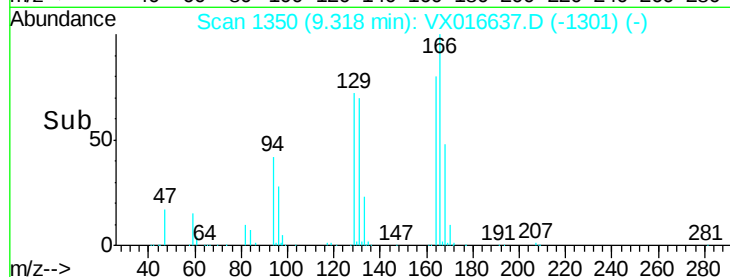
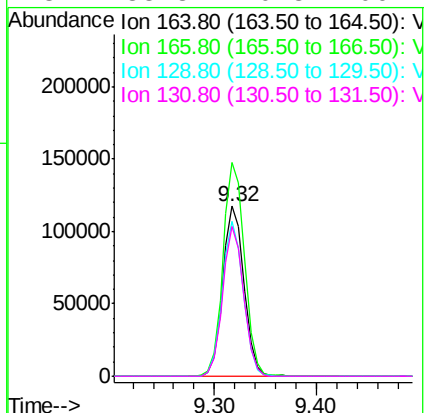
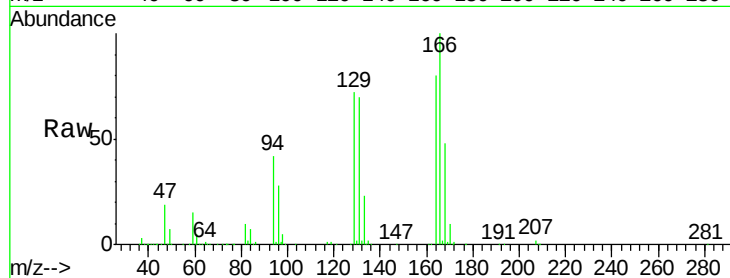




#64
Tetrachloroethene
Concen: 49.41 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

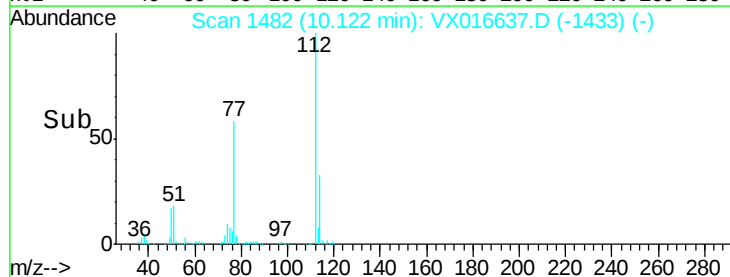
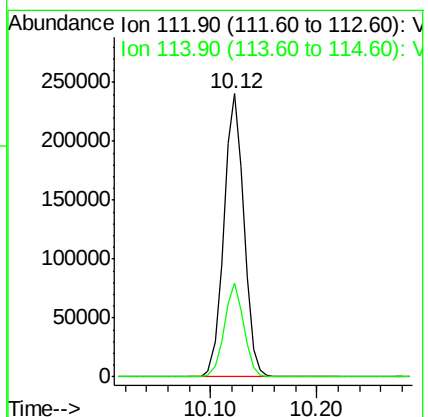
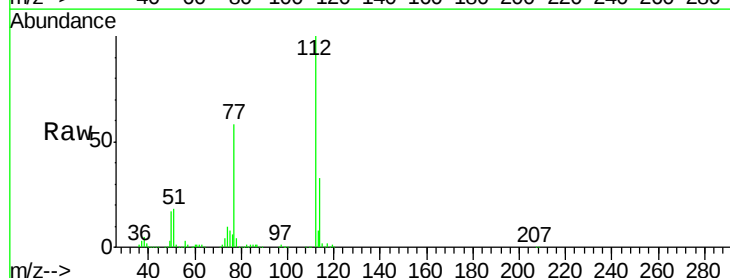
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

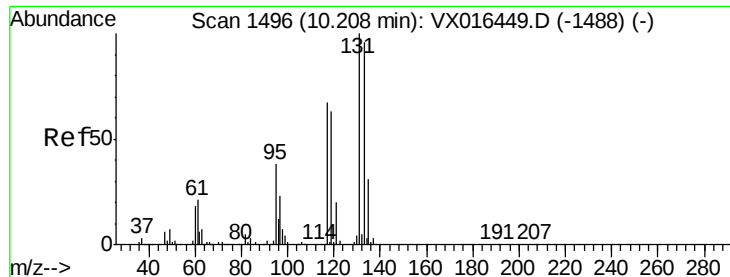
Tgt Ion:164 Resp: 169512
Ion Ratio Lower Upper
164 100
166 125.8 100.9 151.3
129 91.1 73.2 109.8
131 88.3 70.8 106.2



#65
Chlorobenzene
Concen: 50.56 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion:112 Resp: 316086
Ion Ratio Lower Upper
112 100
114 33.1 26.0 39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 53.11 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

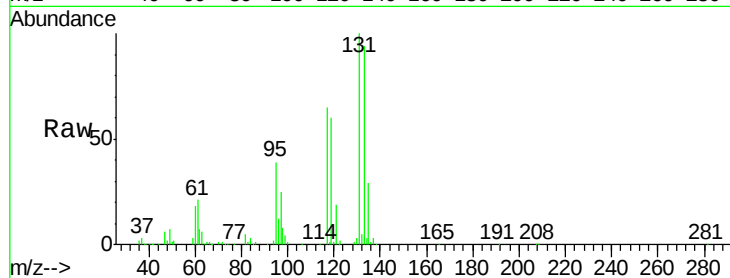
Tgt Ion: 131 Resp: 126754

Ion Ratio Lower Upper

131 100

133 95.9 48.4 145.3

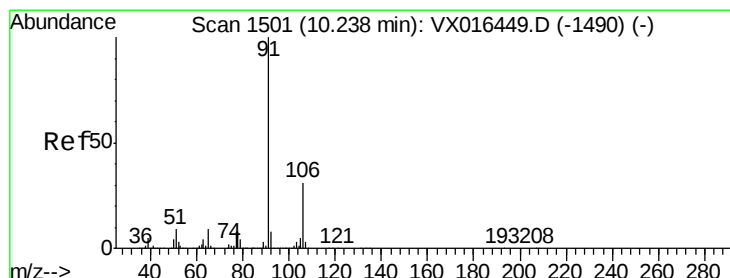
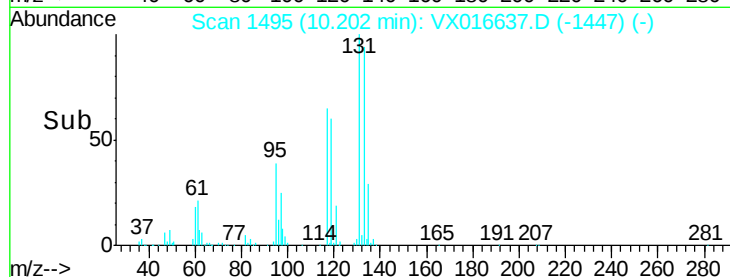
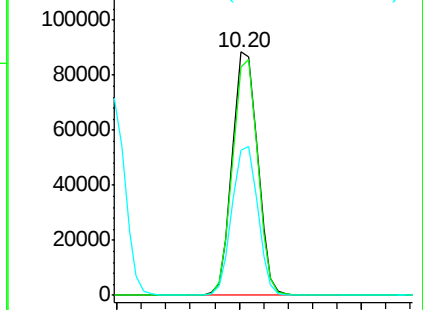
119 62.3 32.0 96.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.74 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016637.D

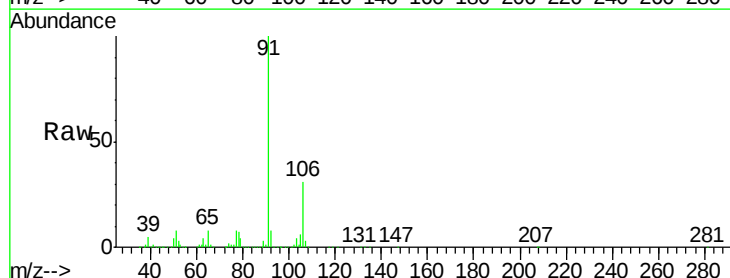
Acq: 08 Jun 2020 14:43

Tgt Ion: 91 Resp: 553599

Ion Ratio Lower Upper

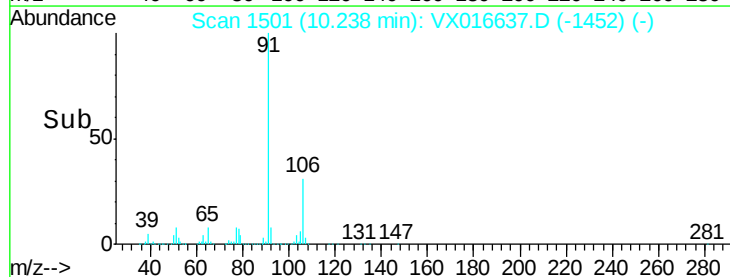
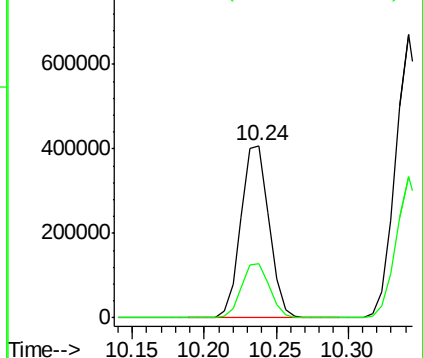
91 100

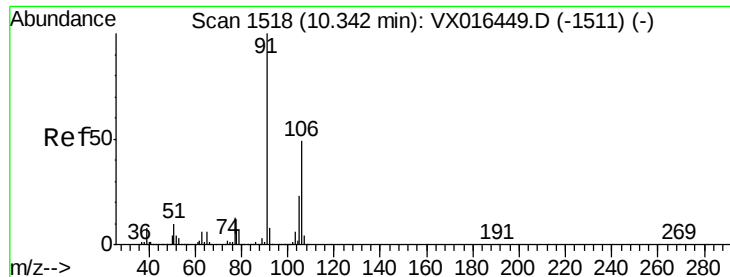
106 31.5 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 103.96 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

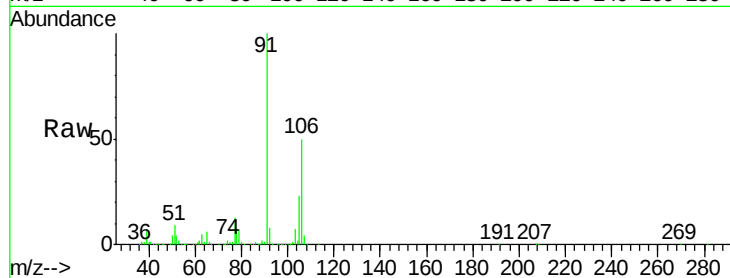
SA-PZ134I-20200604MSD

Tgt Ion:106 Resp: 429026

Ion Ratio Lower Upper

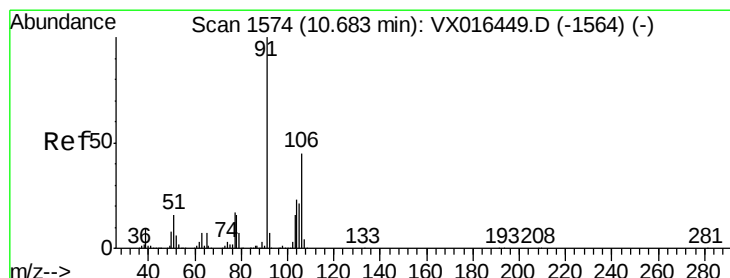
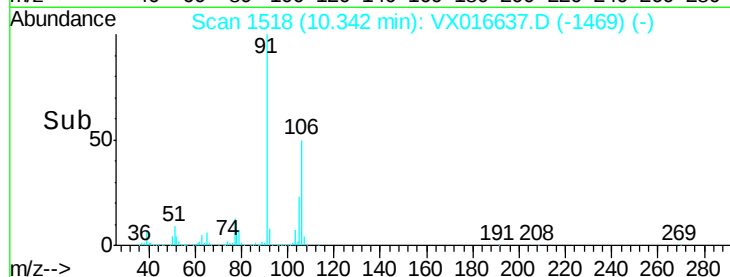
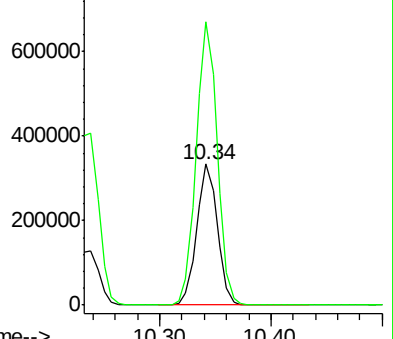
106 100

91 203.6 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 50.42 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016637.D

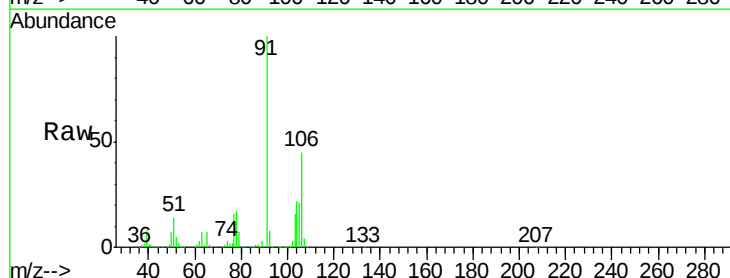
Acq: 08 Jun 2020 14:43

Tgt Ion:106 Resp: 201522

Ion Ratio Lower Upper

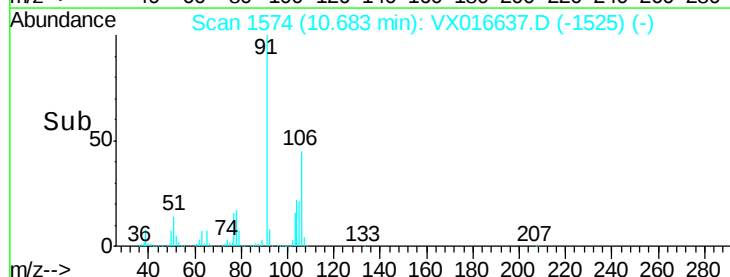
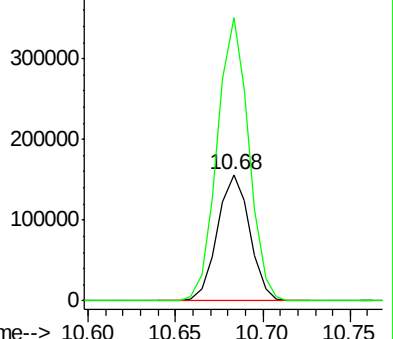
106 100

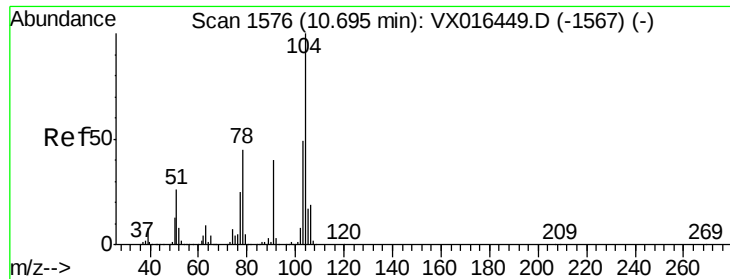
91 218.2 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Styrene

Concen: 52.09 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

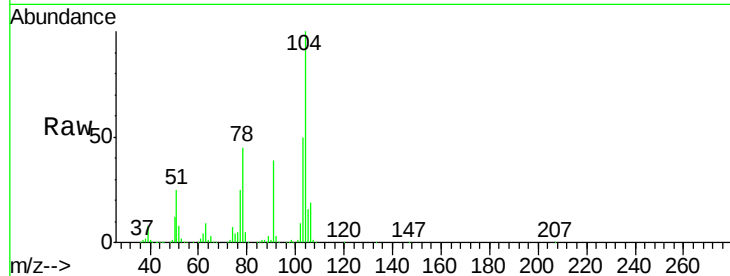
Tgt Ion:104 Resp: 357868

Ion Ratio Lower Upper

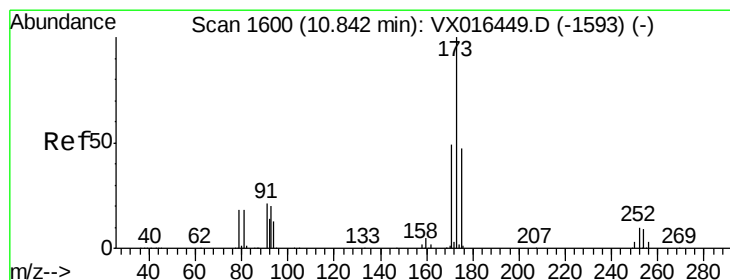
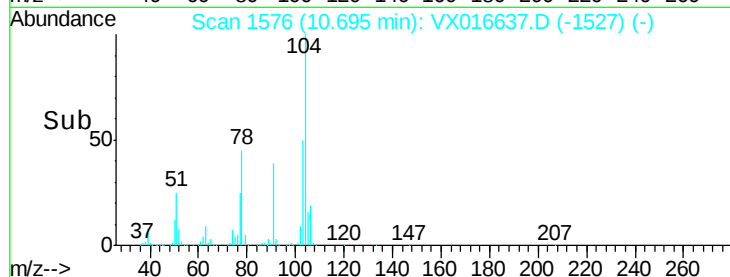
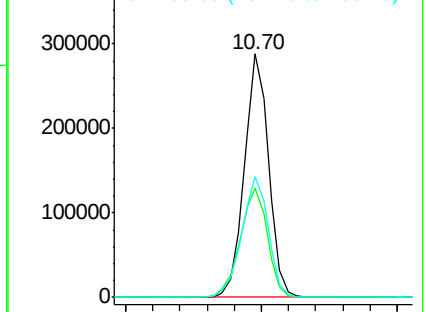
104 100

78 50.8 40.2 60.2

103 54.6 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



#71

Bromoform

Concen: 56.50 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

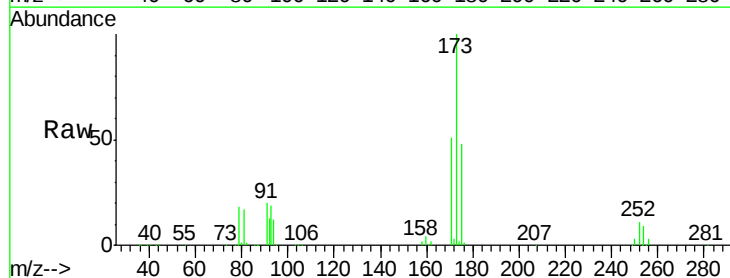
Tgt Ion:173 Resp: 113945

Ion Ratio Lower Upper

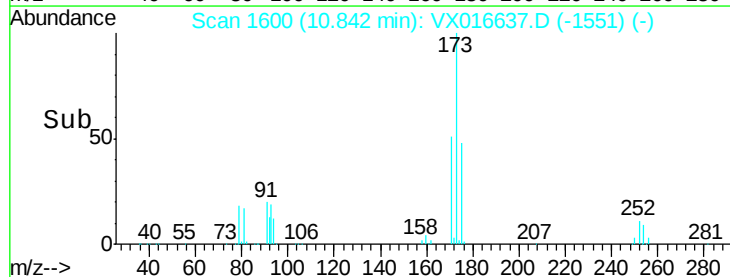
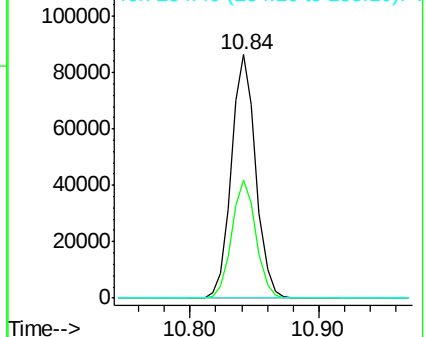
173 100

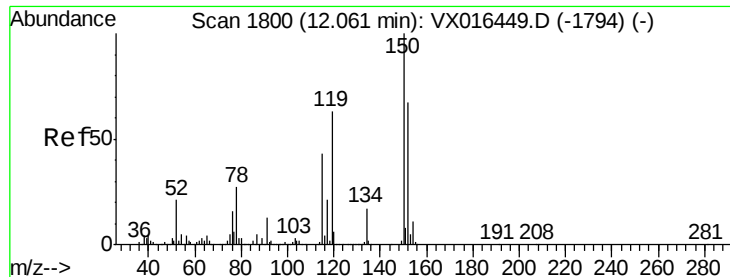
175 48.2 23.9 71.7

254 0.1 0.1 0.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

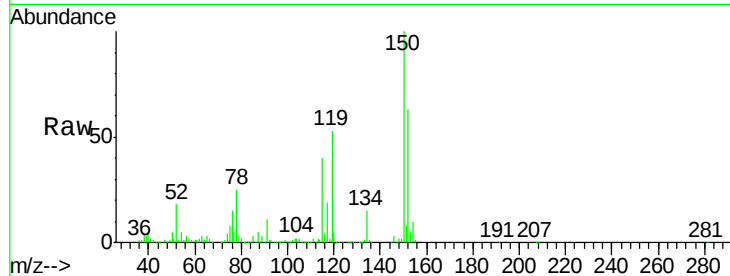
Tgt Ion:152 Resp: 161571

Ion Ratio Lower Upper

152 100

115 79.1 39.9 119.6

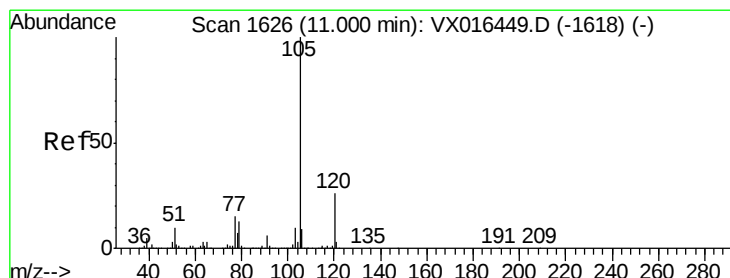
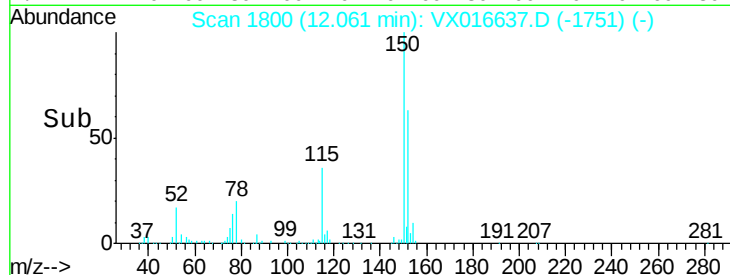
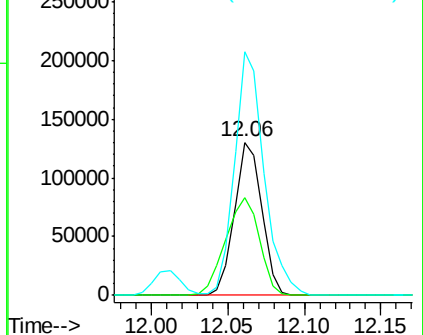
150 172.3 0.0 341.0



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: 48.61 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016637.D

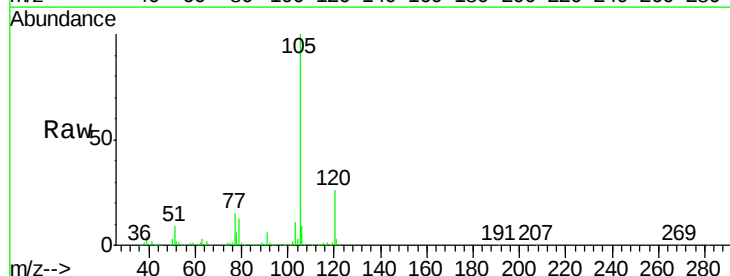
Acq: 08 Jun 2020 14:43

Tgt Ion:105 Resp: 544218

Ion Ratio Lower Upper

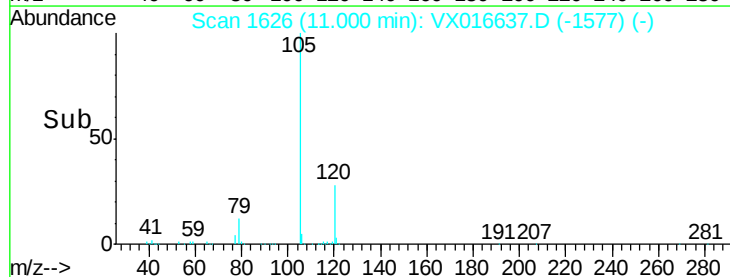
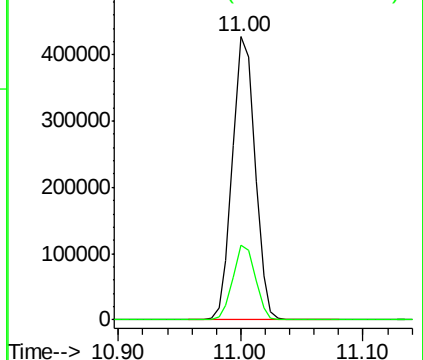
105 100

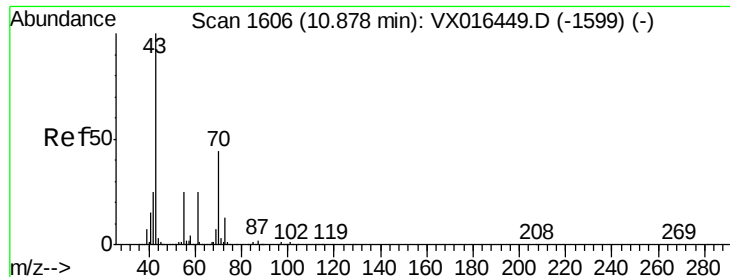
120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 41.41 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

Tgt Ion: 43 Resp: 213212

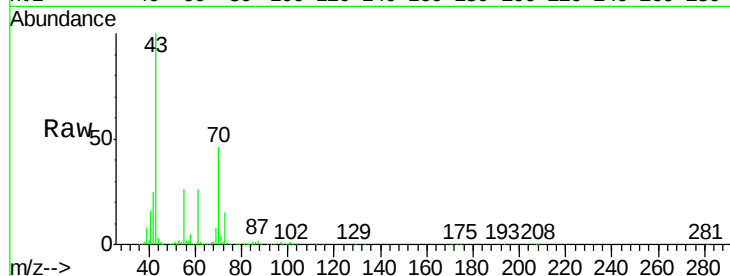
Ion Ratio Lower Upper

43 100

70 48.3 36.1 54.1

55 26.4 20.2 30.4

61 26.9 20.3 30.5

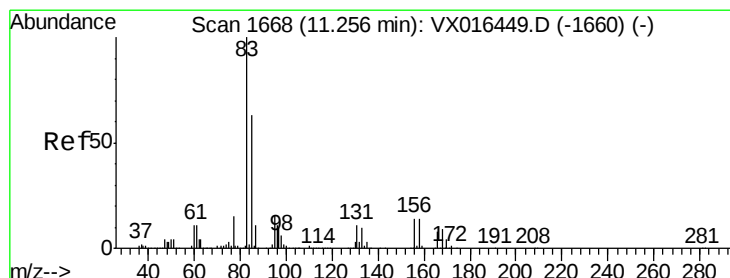
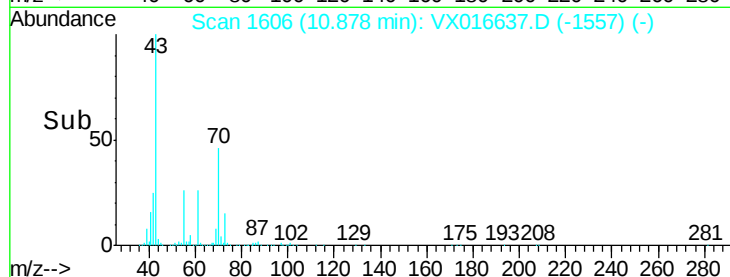
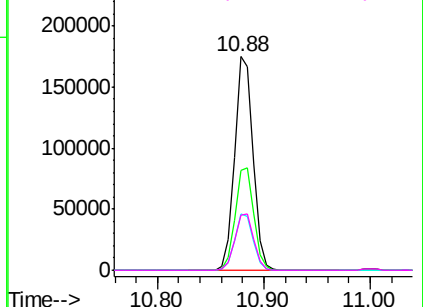


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.05 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

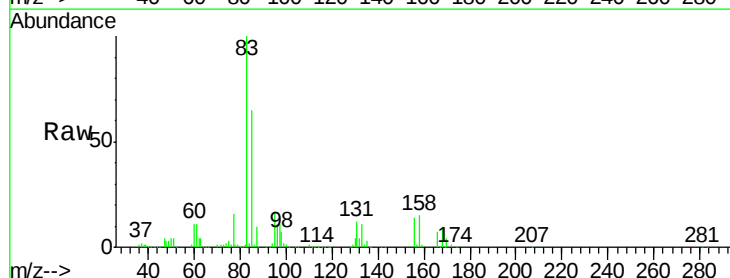
Tgt Ion: 83 Resp: 143216

Ion Ratio Lower Upper

83 100

131 11.7 5.1 15.3

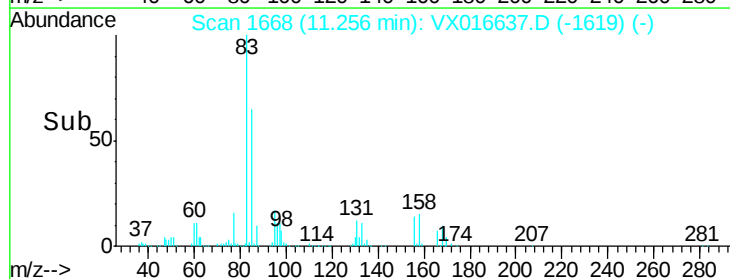
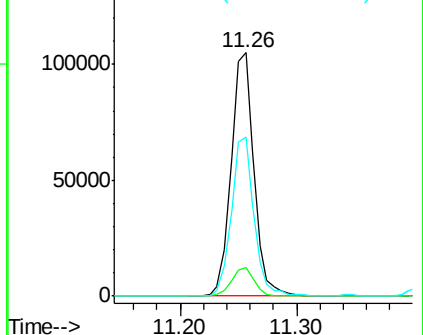
85 65.0 32.0 96.2

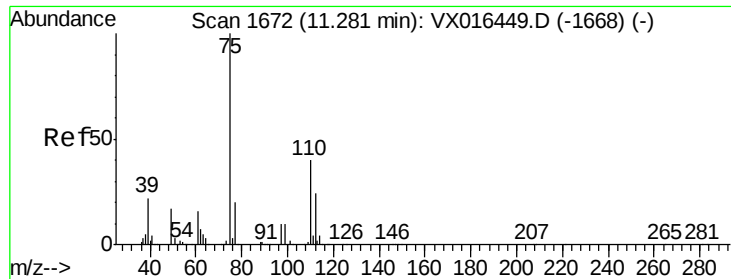


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

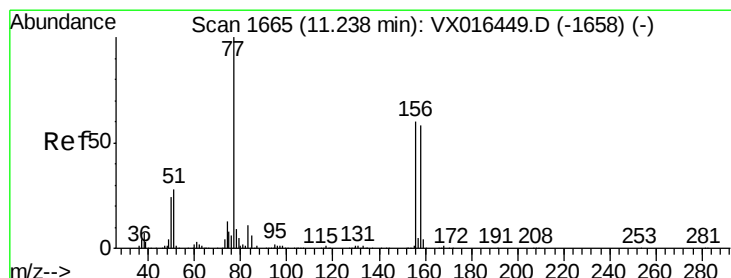
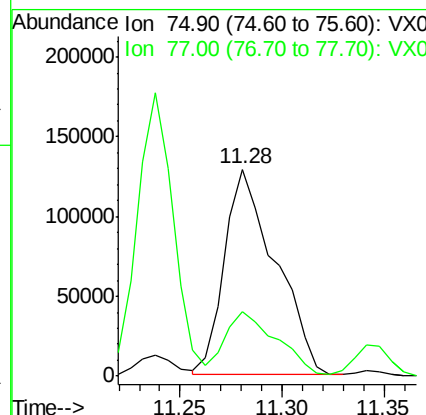
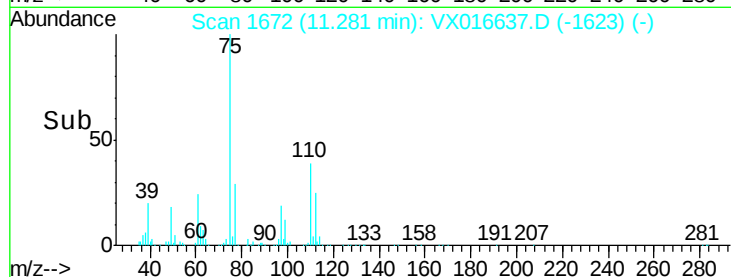
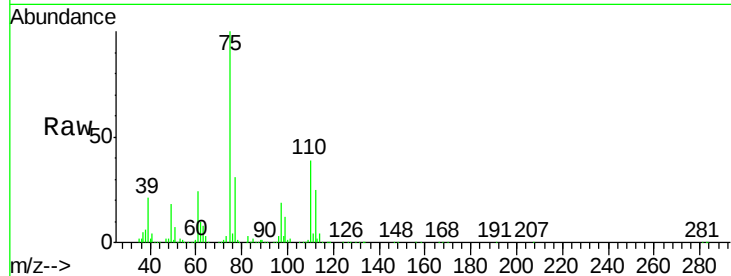




#76
1,2,3-Trichloropropane
Concen: 62.94 ug/l
RT: 11.28 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

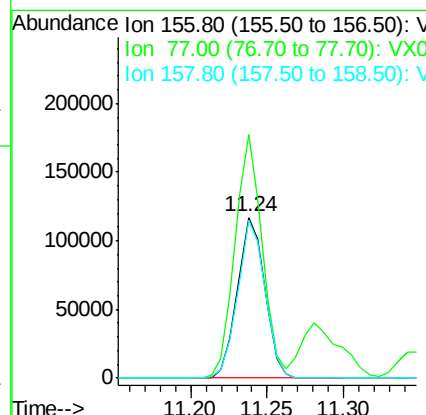
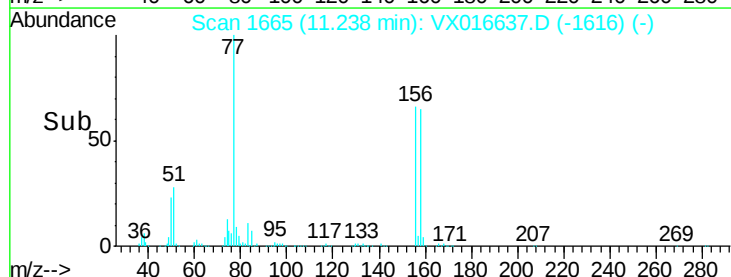
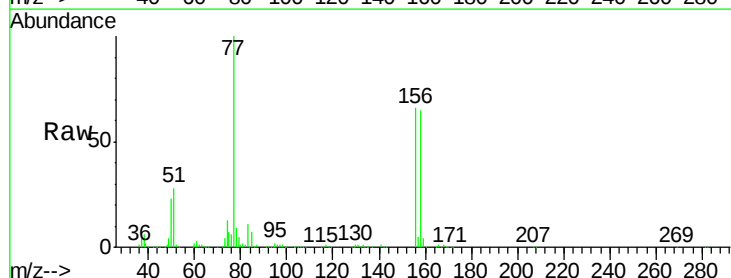
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

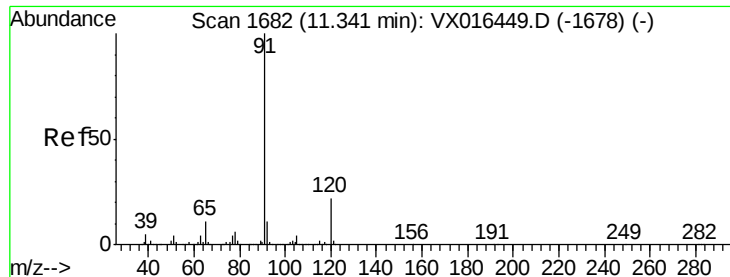
Tgt Ion: 75 Resp: 223519
Ion Ratio Lower Upper
75 100
77 31.9 21.3 63.7



#77
Bromobenzene
Concen: 49.56 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion: 156 Resp: 145509
Ion Ratio Lower Upper
156 100
77 150.3 79.6 238.8
158 98.0 48.1 144.4





#78

n-propylbenzene

Concen: 48.27 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

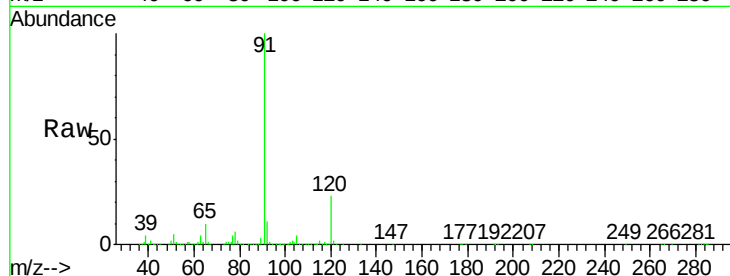
SA-PZ134I-20200604MSD

Tgt Ion: 91 Resp: 603662

Ion Ratio Lower Upper

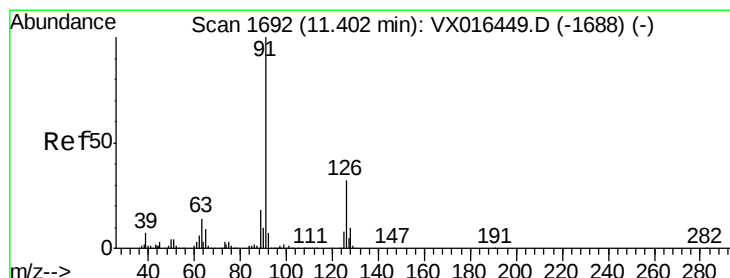
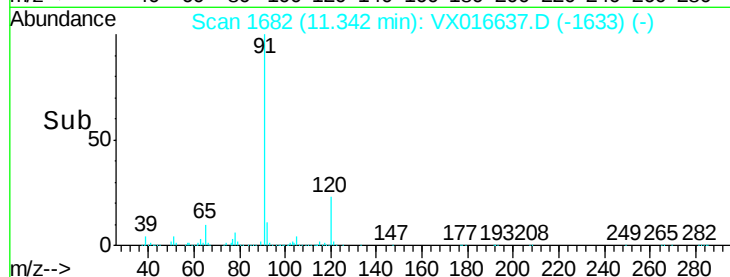
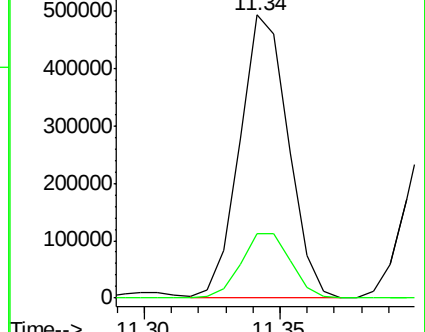
91 100

120 23.7 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 48.90 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016637.D

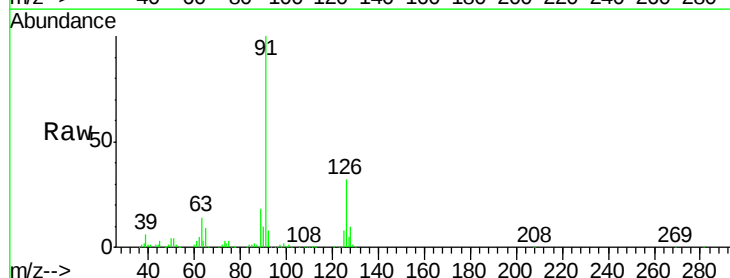
Acq: 08 Jun 2020 14:43

Tgt Ion: 91 Resp: 373323

Ion Ratio Lower Upper

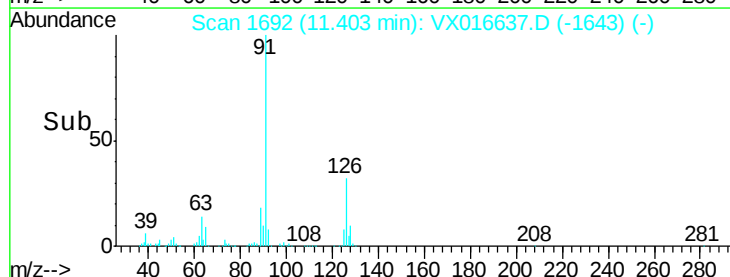
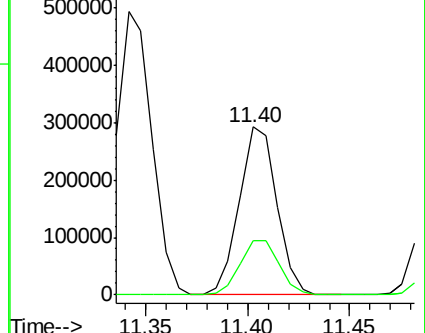
91 100

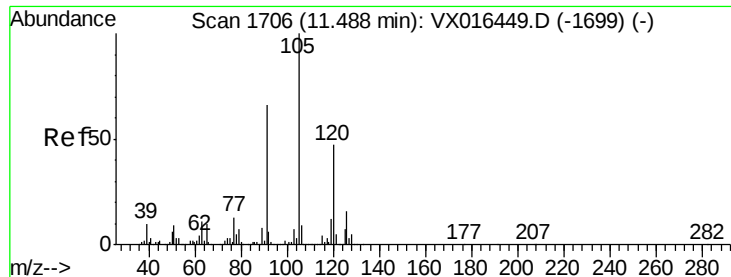
126 34.1 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

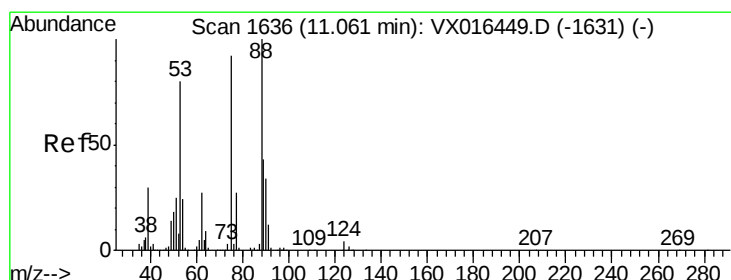
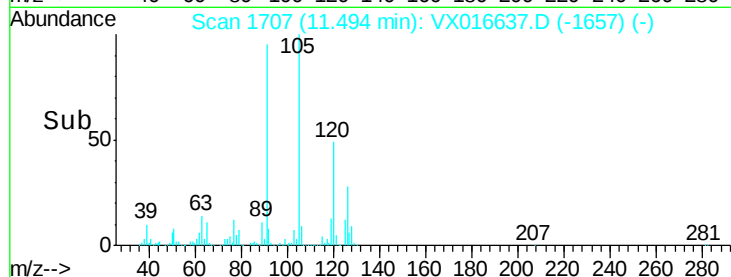
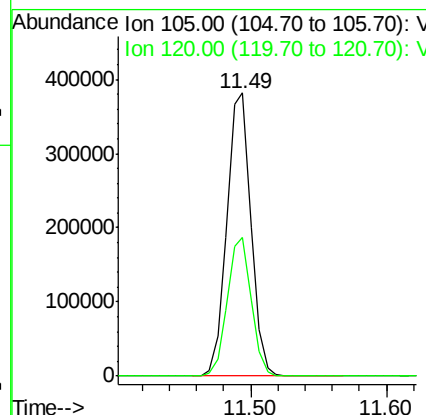
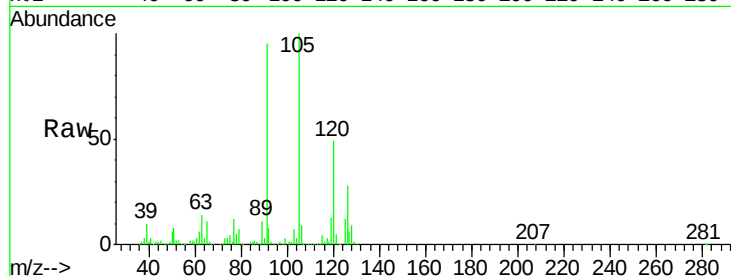




#80
 1,3,5-Trimethylbenzene
 Concen: 49.86 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

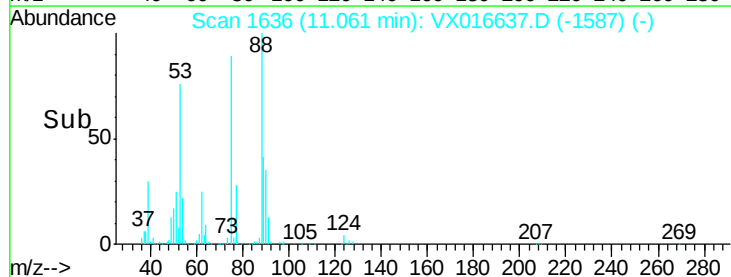
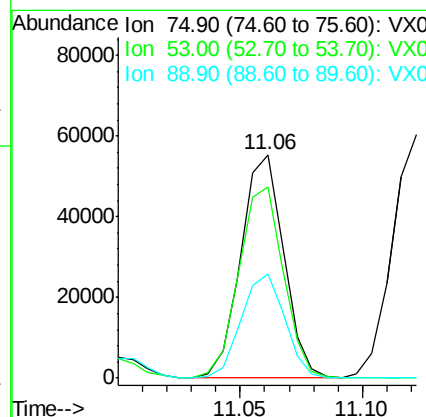
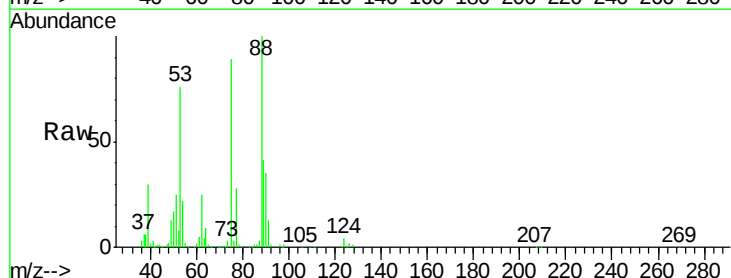
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

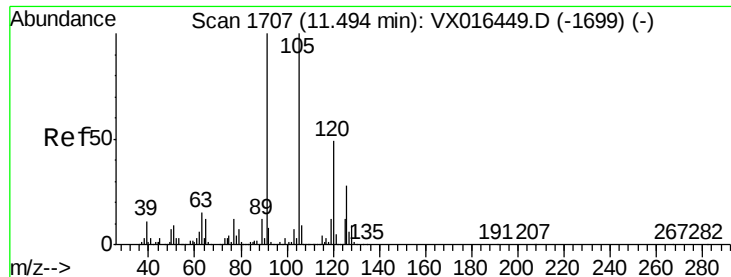
Tgt Ion: 105 Resp: 466094
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.87 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Tgt Ion: 75 Resp: 67674
 Ion Ratio Lower Upper
 75 100
 53 88.3 71.3 106.9
 89 47.5 36.6 55.0

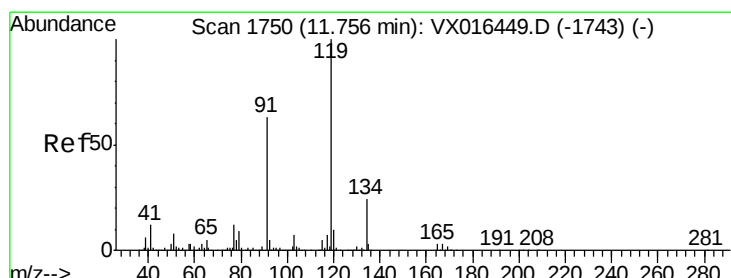
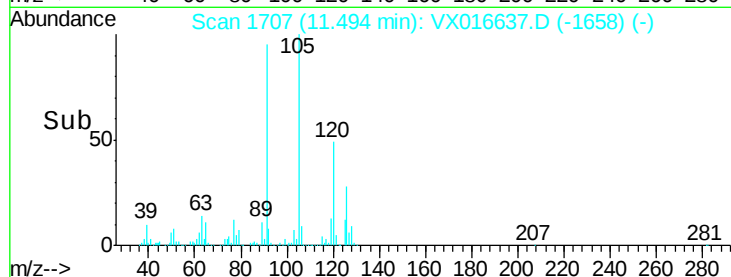
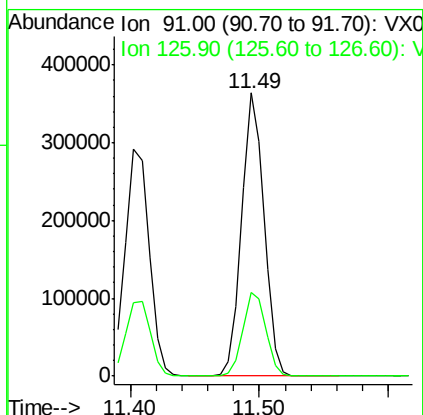
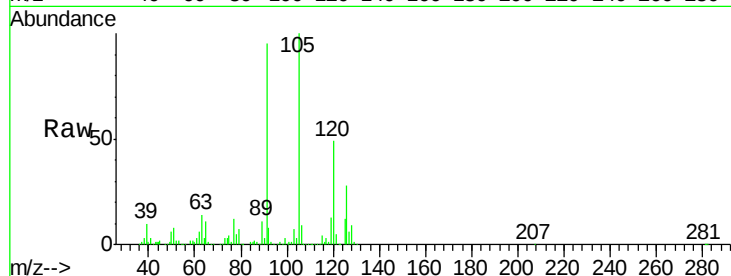




#82
4-Chlorotoluene
Concen: 48.71 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

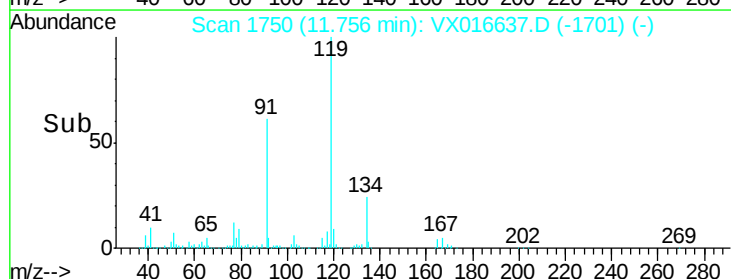
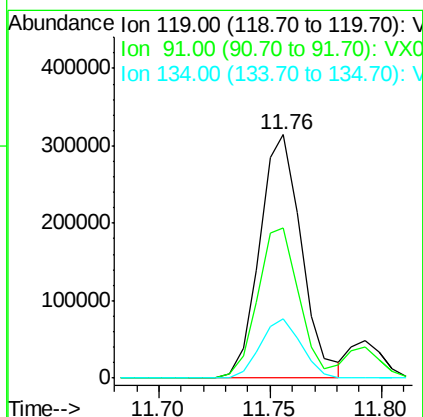
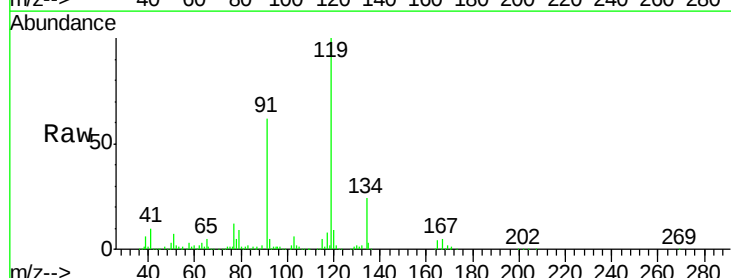
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

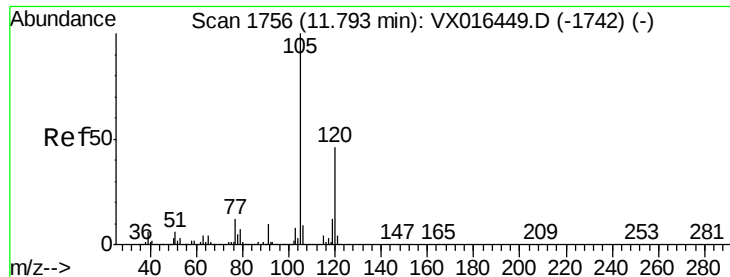
Tgt Ion: 91 Resp: 439131
Ion Ratio Lower Upper
91 100
126 30.3 14.7 44.1



#83
tert-Butylbenzene
Concen: 51.42 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion: 119 Resp: 410735
Ion Ratio Lower Upper
119 100
91 60.7 31.3 93.8
134 23.5 12.0 36.0

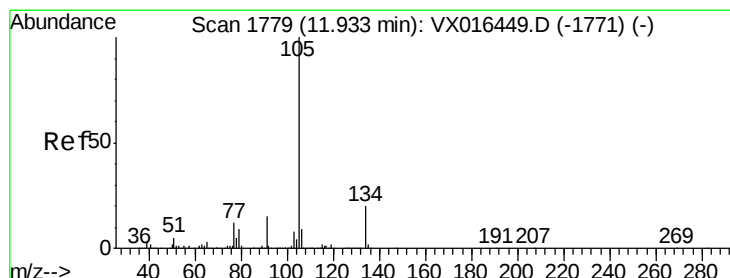
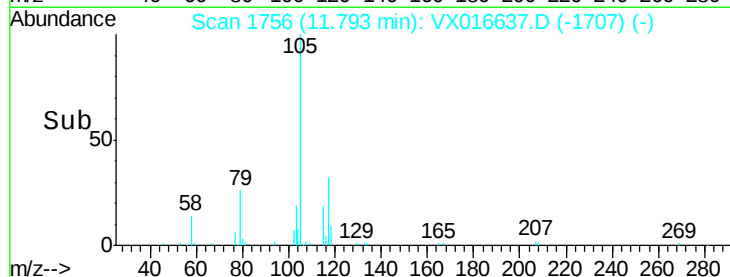
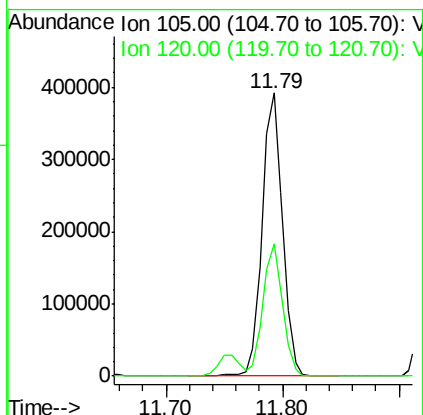
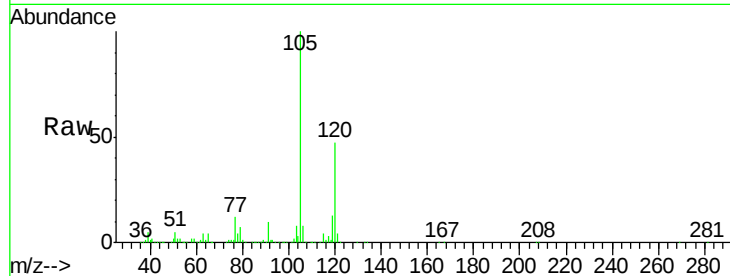




#84
 1,2,4-Trimethylbenzene
 Concen: 50.22 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

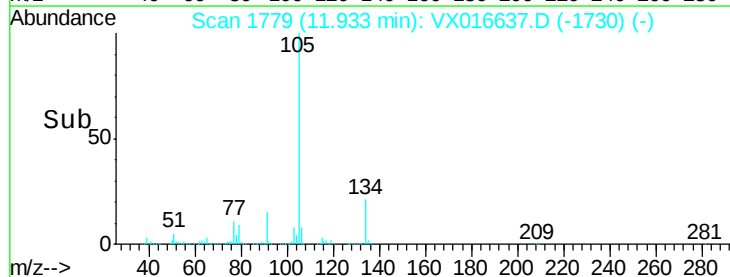
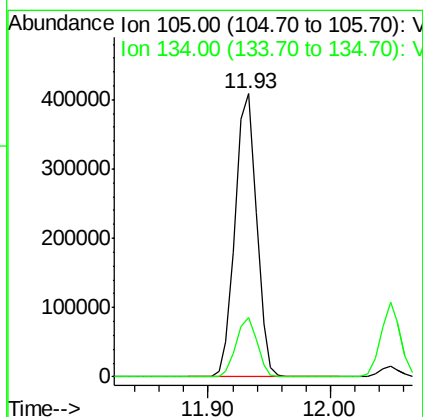
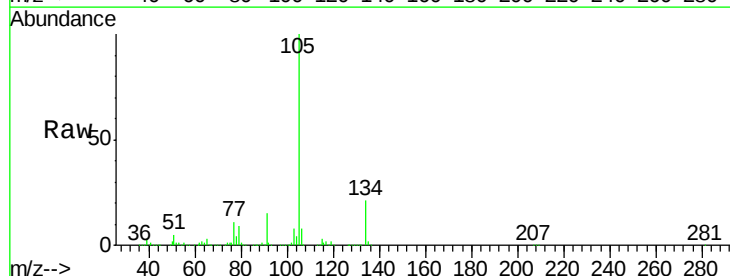
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

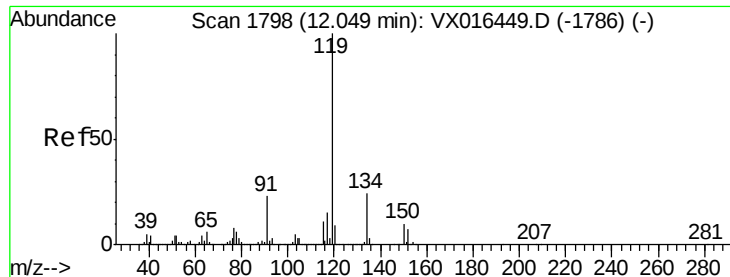
Tgt Ion:105 Resp: 474713
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 49.28 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Tgt Ion:105 Resp: 493762
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3

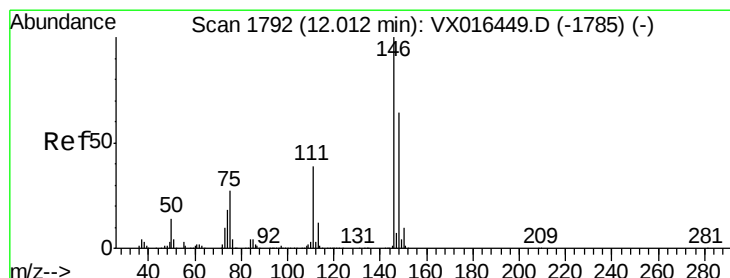
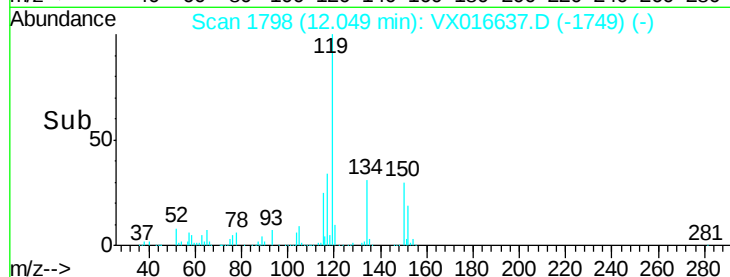
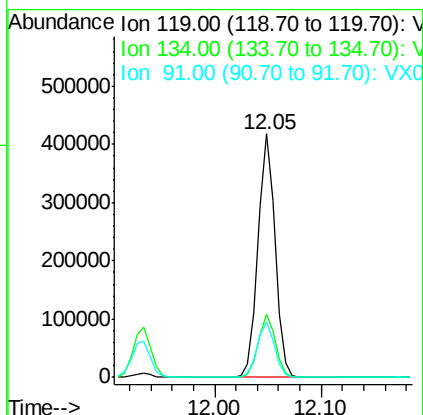
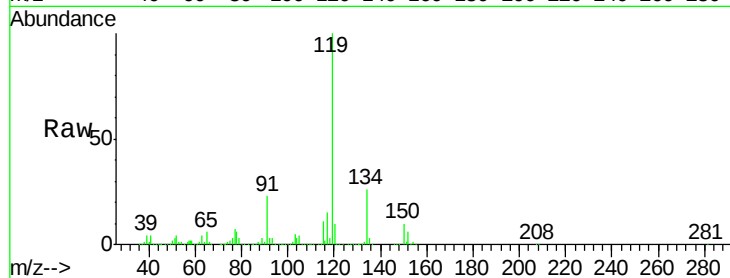




#86
p-Isopropyltoluene
Concen: 50.40 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

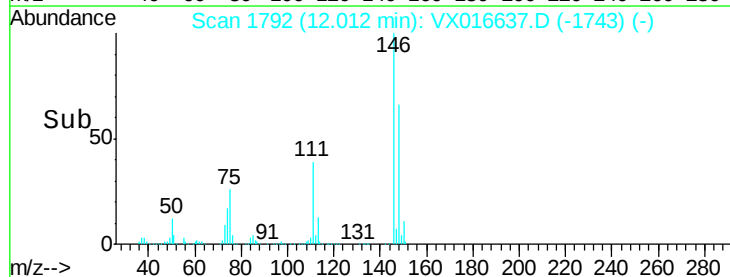
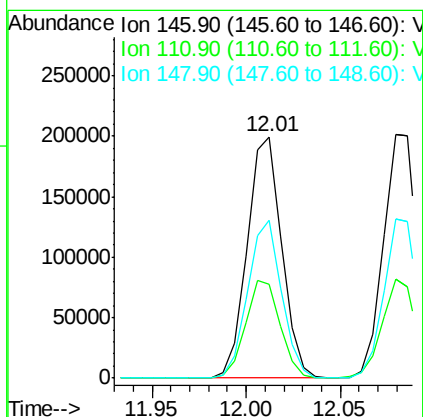
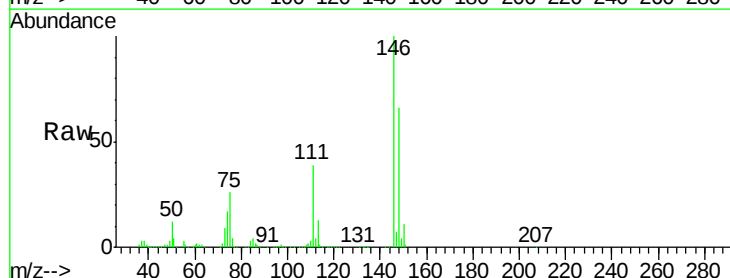
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MSD

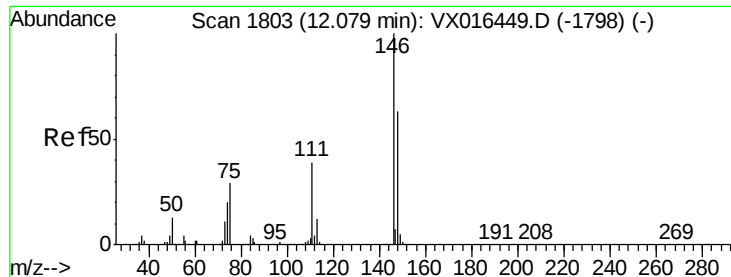
Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.7	38.0
91	23.3	11.7	35.0



#87
1,3-Dichlorobenzene
Concen: 49.76 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX016637.D
Acq: 08 Jun 2020 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	60.0
148	64.2	31.9	95.5

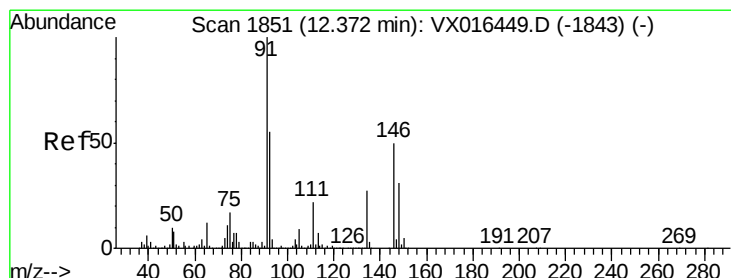
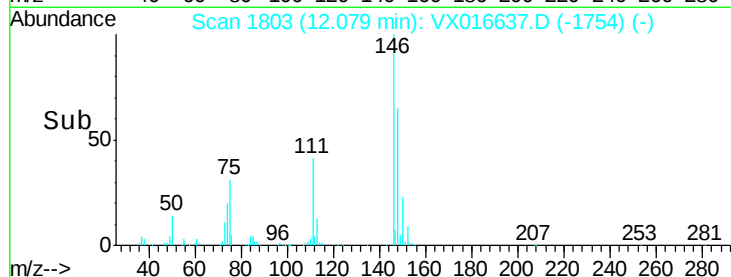
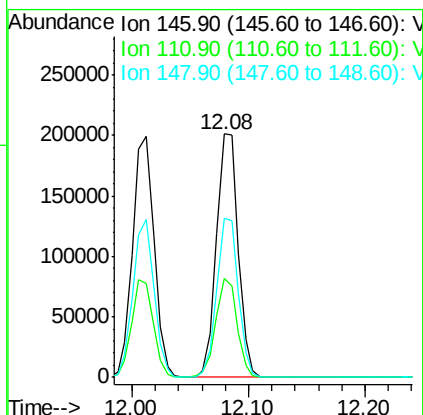
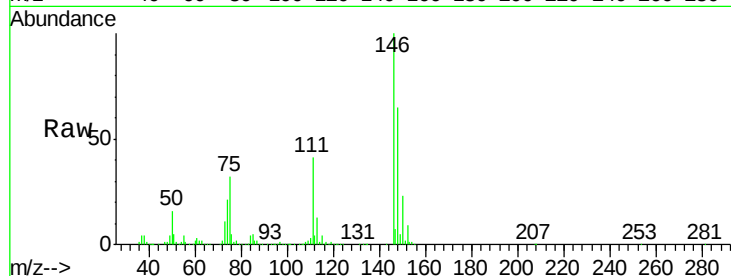




#88
 1,4-Dichlorobenzene
 Concen: 49.48 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

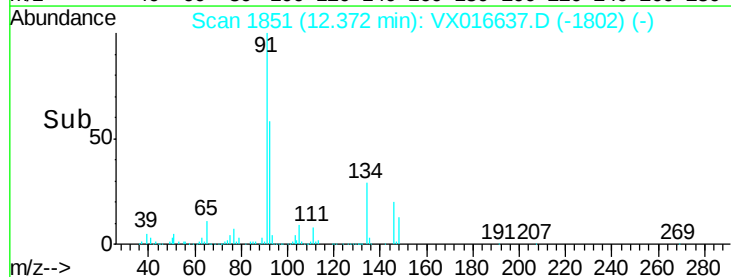
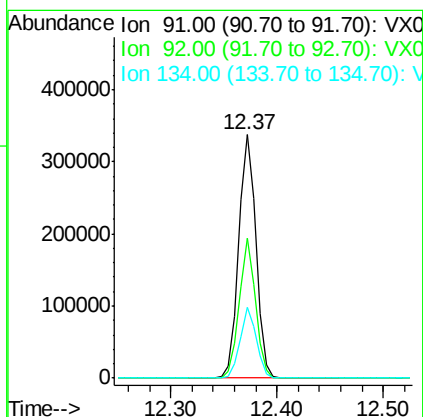
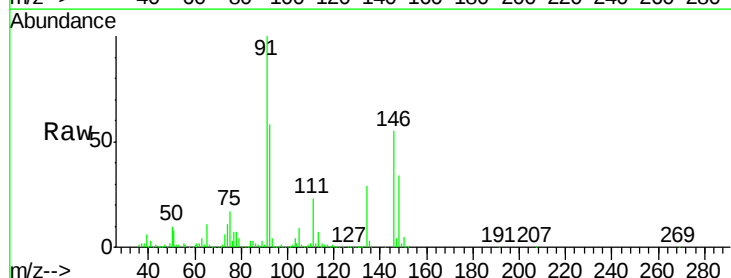
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

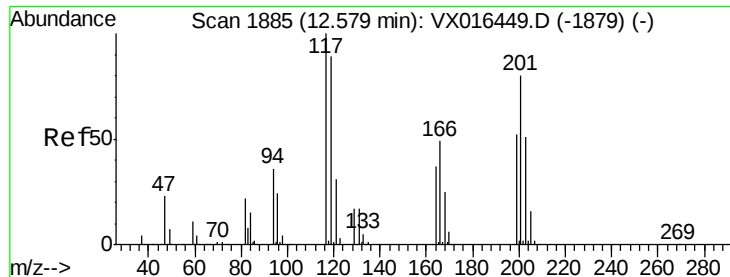
Tgt Ion: 146 Resp: 257423
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.4 58.2
 148 64.6 31.4 94.3



#89
 n-Butylbenzene
 Concen: 49.10 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Tgt Ion: 91 Resp: 383885
 Ion Ratio Lower Upper
 91 100
 92 54.4 27.2 81.5
 134 27.5 13.1 39.3





#90

Hexachloroethane

Concen: 50.55 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

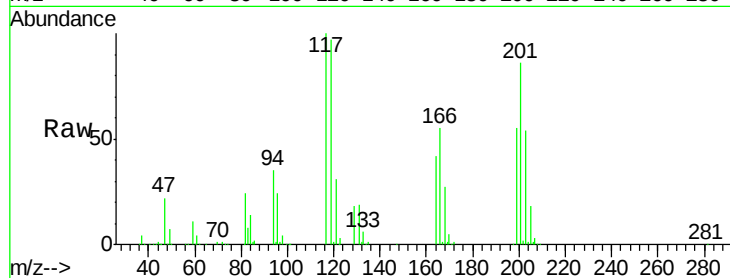
SA-PZ134I-20200604MSD

Tgt Ion:117 Resp: 81956

Ion Ratio Lower Upper

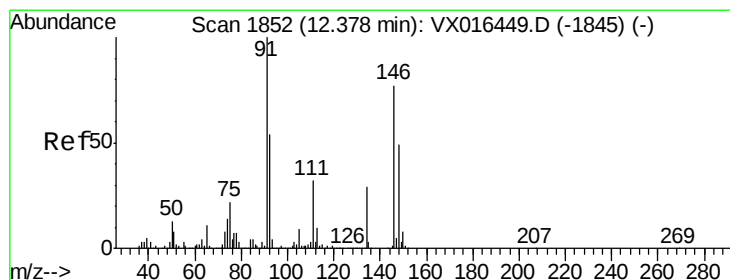
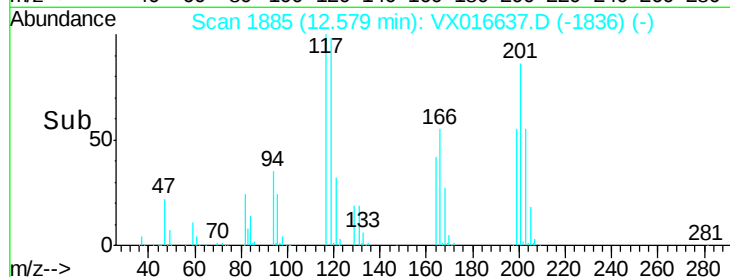
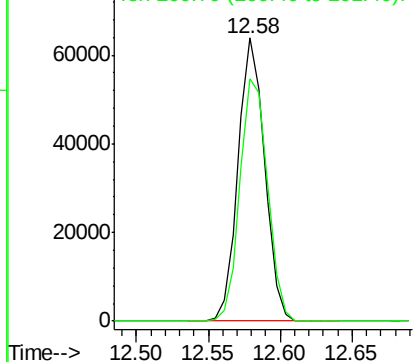
117 100

201 89.0 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: 50.28 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

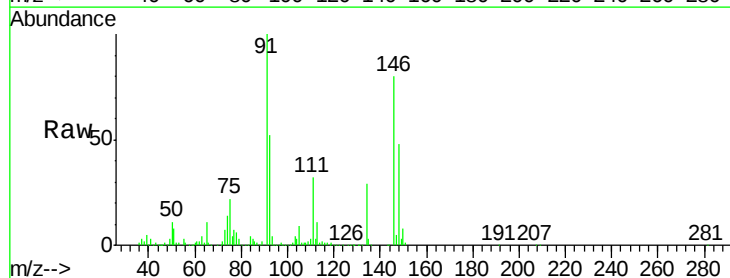
Tgt Ion:146 Resp: 247786

Ion Ratio Lower Upper

146 100

111 41.0 21.4 64.3

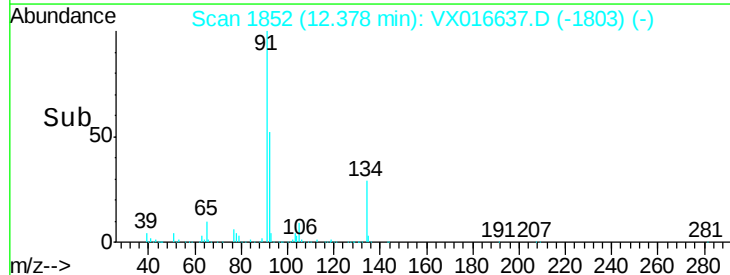
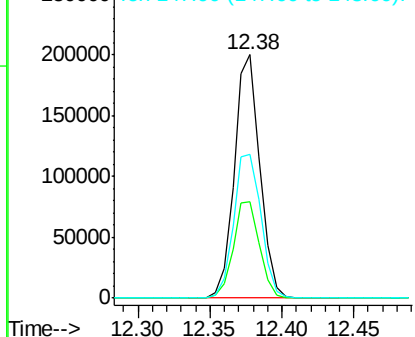
148 63.5 31.9 95.7

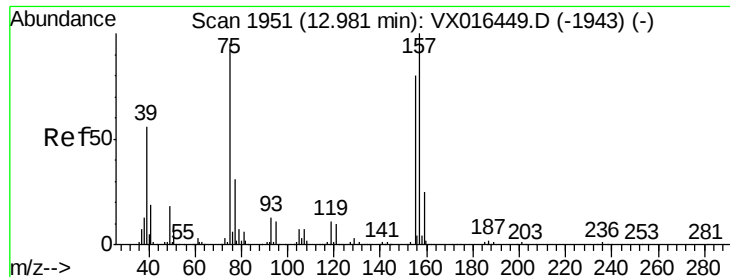


Abundance Ion 145.90 (145.60 to 146.60): V

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: 48.08 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

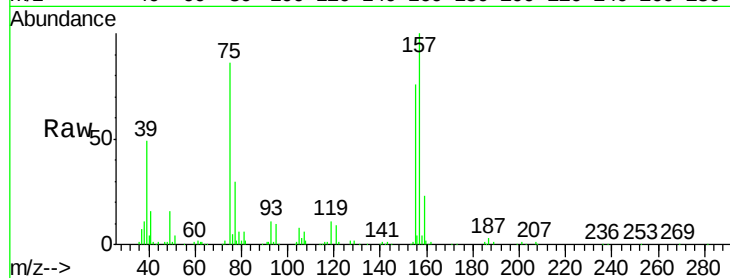
Tgt Ion: 75 Resp: 43691

Ion Ratio Lower Upper

75 100

155 92.6 44.1 132.4

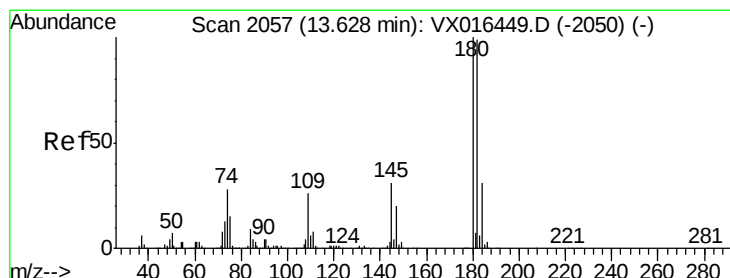
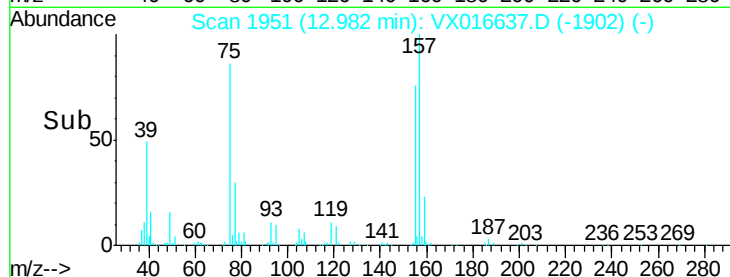
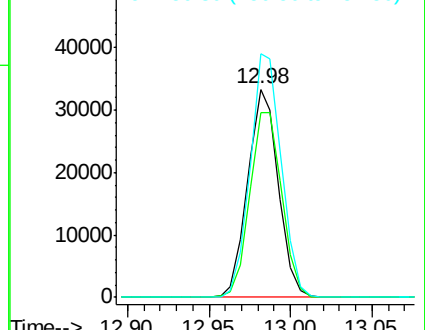
157 118.5 57.8 173.3



Abundance Ion 74.90 (74.60 to 75.60): VX016637.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX016637.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX016637.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 51.45 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

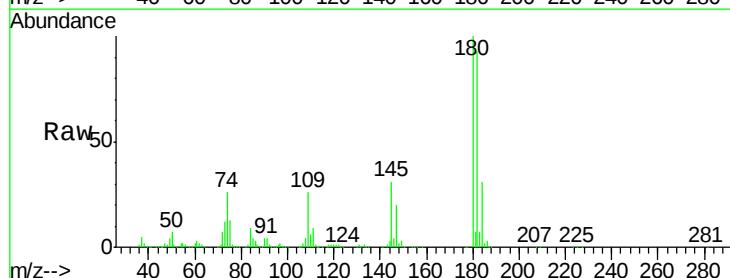
Tgt Ion: 180 Resp: 168421

Ion Ratio Lower Upper

180 100

182 93.2 48.3 144.8

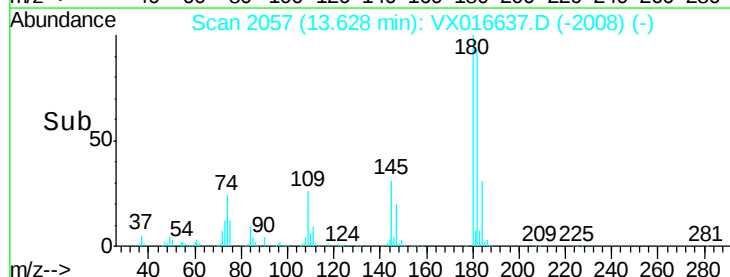
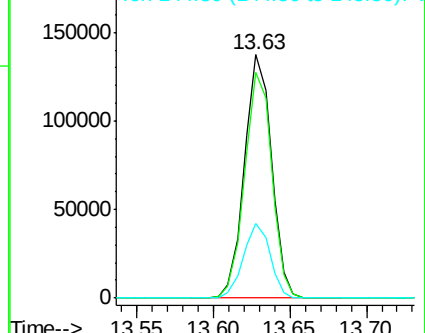
145 30.4 15.4 46.2

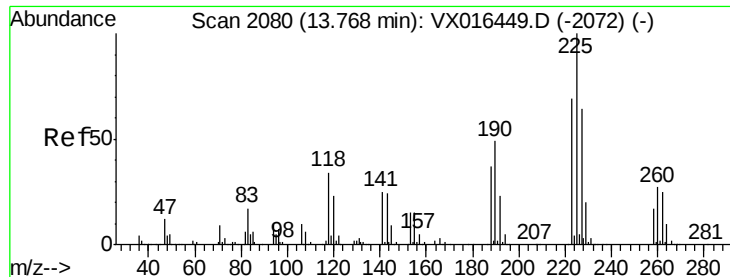


Abundance Ion 179.80 (179.50 to 180.50): VX016637.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX016637.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX016637.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 54.26 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MSD

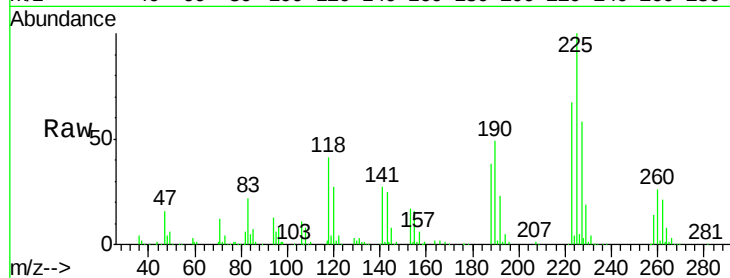
Tgt Ion:225 Resp: 69737

Ion Ratio Lower Upper

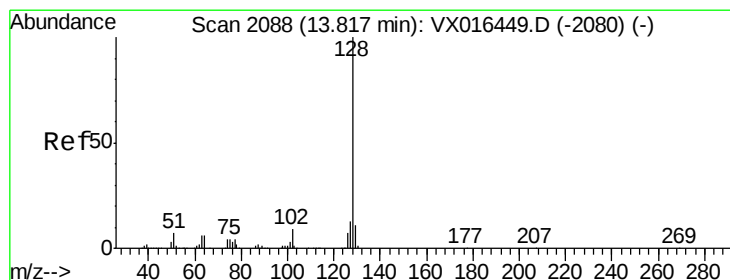
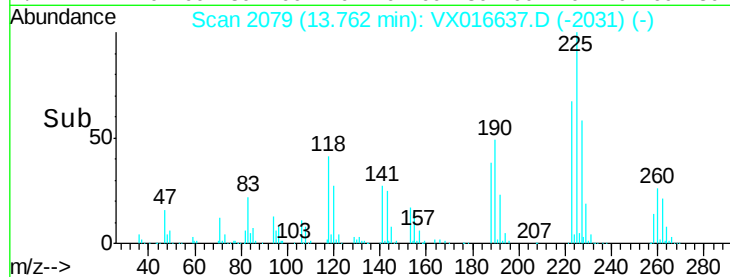
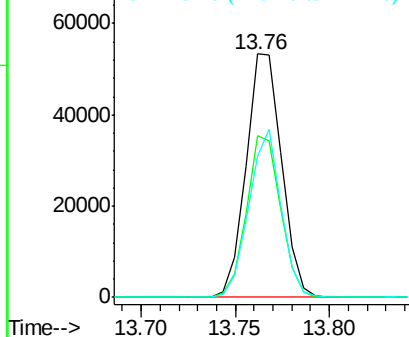
225 100

223 63.9 32.3 96.8

227 62.5 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: 50.95 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016637.D

Acq: 08 Jun 2020 14:43

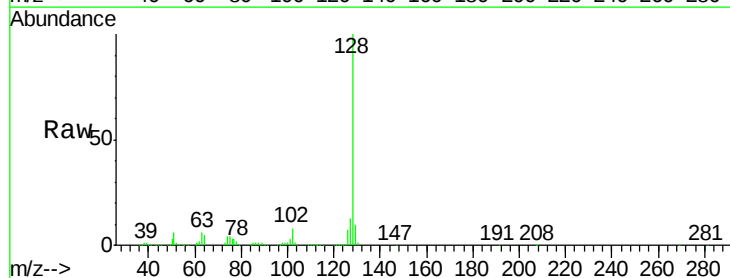
Tgt Ion:128 Resp: 571735

Ion Ratio Lower Upper

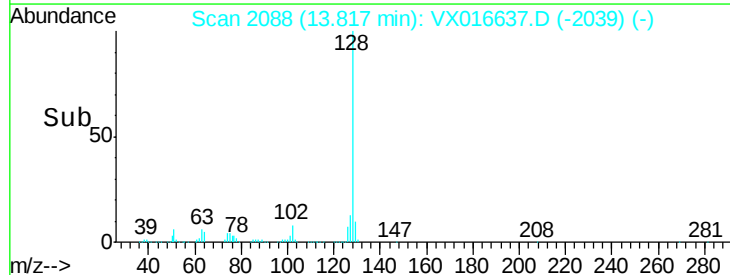
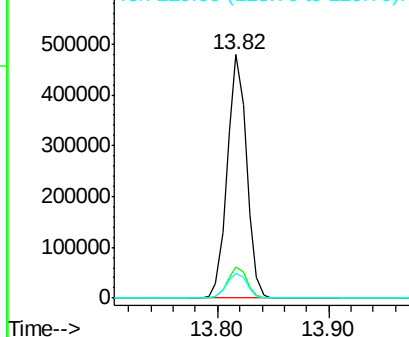
128 100

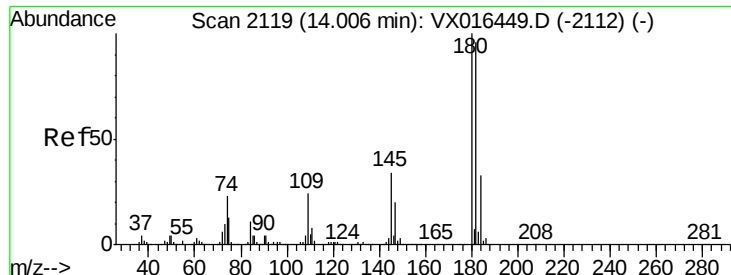
127 12.9 10.6 15.8

129 10.7 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

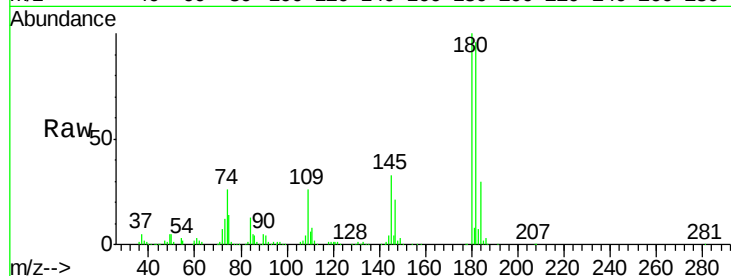




#96
 1,2,3-Trichlorobenzene
 Concen: 51.03 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX016637.D
 Acq: 08 Jun 2020 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.6	145.8
145	33.1	16.6	49.8



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

