

Data File : VX016710.D
Acq On : 11 Jun 2020 17:28
Operator : JC/SP
Sample : L2963-19MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Quant Time: Jun 12 06:58:01 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	211562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	319236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	304263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160199	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	126778	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	5.46	113	104779	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
50) Toluene-d8	8.70	98	386850	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.12	95	149876	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	86034	41.323	ug/l 97
3) Chloromethane	1.31	50	96052	38.176	ug/l 100
4) Vinyl Chloride	1.39	62	139336	52.367	ug/l 100
5) Bromomethane	1.62	94	63941	49.424	ug/l 100
6) Chloroethane	1.70	64	73012	47.041	ug/l 99
7) Trichlorofluoromethane	1.91	101	181222	51.862	ug/l 97
8) Diethyl Ether	2.17	74	68611	47.088	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	96211	50.027	ug/l 96
10) Methyl Iodide	2.49	142	113738	49.532	ug/l 99
11) Tert butyl alcohol	3.02	59	150997	224.122	ug/l 100
12) 1,1-Dichloroethene	2.35	96	98691	48.481	ug/l 99
13) Acrolein	2.27	56	68447	238.828	ug/l 97
14) Allyl chloride	2.70	41	158616	42.368	ug/l 97
15) Acrylonitrile	3.12	53	320482	232.218	ug/l 100
16) Acetone	2.42	43	268842	233.554	ug/l 99
17) Carbon Disulfide	2.55	76	250036	41.361	ug/l 100
18) Methyl Acetate	2.75	43	142091	48.128	ug/l 94
19) Methyl tert-butyl Ether	3.17	73	364663	49.886	ug/l 98
20) Methylene Chloride	2.83	84	113342	47.592	ug/l 94
21) trans-1,2-Dichloroethene	3.14	96	108193	48.050	ug/l 92
22) Diisopropyl ether	3.82	45	315521	43.872	ug/l 98
23) Vinyl Acetate	3.78	43	1374878	218.406	ug/l 96
24) 1,1-Dichloroethane	3.67	63	190537	46.940	ug/l 100
25) 2-Butanone	4.64	43	430990	220.966	ug/l 95
26) 2,2-Dichloropropane	4.56	77	163154	49.120	ug/l 89
27) cis-1,2-Dichloroethene	4.56	96	336935	129.346	ug/l 91
28) Bromochloromethane	4.98	49	79239	42.007	ug/l 85
29) Tetrahydrofuran	5.09	42	274360	217.728	ug/l 92
30) Chloroform	5.18	83	206309	50.442	ug/l 100
31) Cyclohexane	5.54	56	146528	40.125	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	190838	51.538	ug/l 98
36) 1,1-Dichloropropene	5.77	75	142482	47.139	ug/l 98
37) Ethyl Acetate	4.79	43	159368	43.917	ug/l 97
38) Carbon Tetrachloride	5.75	117	169994	53.518	ug/l 99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	148918	45.360	ug/l	98
40) Benzene	6.12	78	439230	48.798	ug/l	100
41) Methacrylonitrile	5.00	41	88878	44.589	ug/l	95
42) 1,2-Dichloroethane	6.16	62	161464	50.442	ug/l	99
43) Isopropyl Acetate	6.42	43	253063	44.708	ug/l	97
44) Trichloroethene	7.19	130	141558	49.568	ug/l	97
45) 1,2-Dichloropropane	7.49	63	111574	48.691	ug/l	99
46) Dibromomethane	7.64	93	77984	50.668	ug/l	93
47) Bromodichloromethane	7.88	83	169229	53.102	ug/l	100
48) Methyl methacrylate	7.75	41	124098	45.790	ug/l	95
49) 1,4-Dioxane	7.71	88	57722	910.085	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	828462	235.060	ug/l	97
52) Toluene	8.77	92	287173	50.594	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	187558	51.758	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	189316	49.357	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	121117	53.668	ug/l	97
56) Ethyl methacrylate	9.16	69	186399	50.715	ug/l	96
57) 1,3-Dichloropropane	9.35	76	199461	51.492	ug/l	99
59) 2-Hexanone	9.48	43	648013	236.429	ug/l	97
60) Dibromochloromethane	9.57	129	143897	56.659	ug/l	100
61) 1,2-Dibromoethane	9.65	107	129607	53.630	ug/l	99
64) Tetrachloroethene	9.32	164	156591	46.001	ug/l	98
65) Chlorobenzene	10.12	112	390201	62.904	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	130167	54.972	ug/l	98
67) Ethyl Benzene	10.24	91	549297	49.737	ug/l	99
68) m/p-Xylenes	10.34	106	417131	101.867	ug/l	100
69) o-Xylene	10.68	106	199773	50.376	ug/l	99
70) Styrene	10.69	104	360407	52.873	ug/l	99
71) Bromoform	10.84	173	113555	56.744	ug/l #	98
73) Isopropylbenzene	11.01	105	541331	48.769	ug/l	99
74) N-amyl acetate	10.88	43	212873	41.694	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	152934	54.976	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	220785	62.701	ug/l	84
77) Bromobenzene	11.24	156	145872	50.106	ug/l	95
78) n-propylbenzene	11.34	91	593458	47.856	ug/l	98
79) 2-Chlorotoluene	11.41	91	369395	48.800	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	463597	50.020	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	65395	45.683	ug/l	99
82) 4-Chlorotoluene	11.49	91	438312	49.035	ug/l	99
83) tert-Butylbenzene	11.76	119	415990	52.529	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	473918	50.561	ug/l	99
85) sec-Butylbenzene	11.93	105	491629	49.487	ug/l	100
86) p-Isopropyltoluene	12.05	119	467150	50.199	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	255827	50.721	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	259777	50.359	ug/l	99
89) n-Butylbenzene	12.37	91	379130	48.912	ug/l	99
90) Hexachloroethane	12.58	117	83646	52.038	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	249258	51.008	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44045	48.881	ug/l	94
93) 1,2,4-Trichlorobenzene	13.63	180	173408	53.432	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061120\
Quantitation Report (Not Reviewed)

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Operator : JC/SP
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Instrument :
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ClientSampleId :
LF014RW131-200608MSD

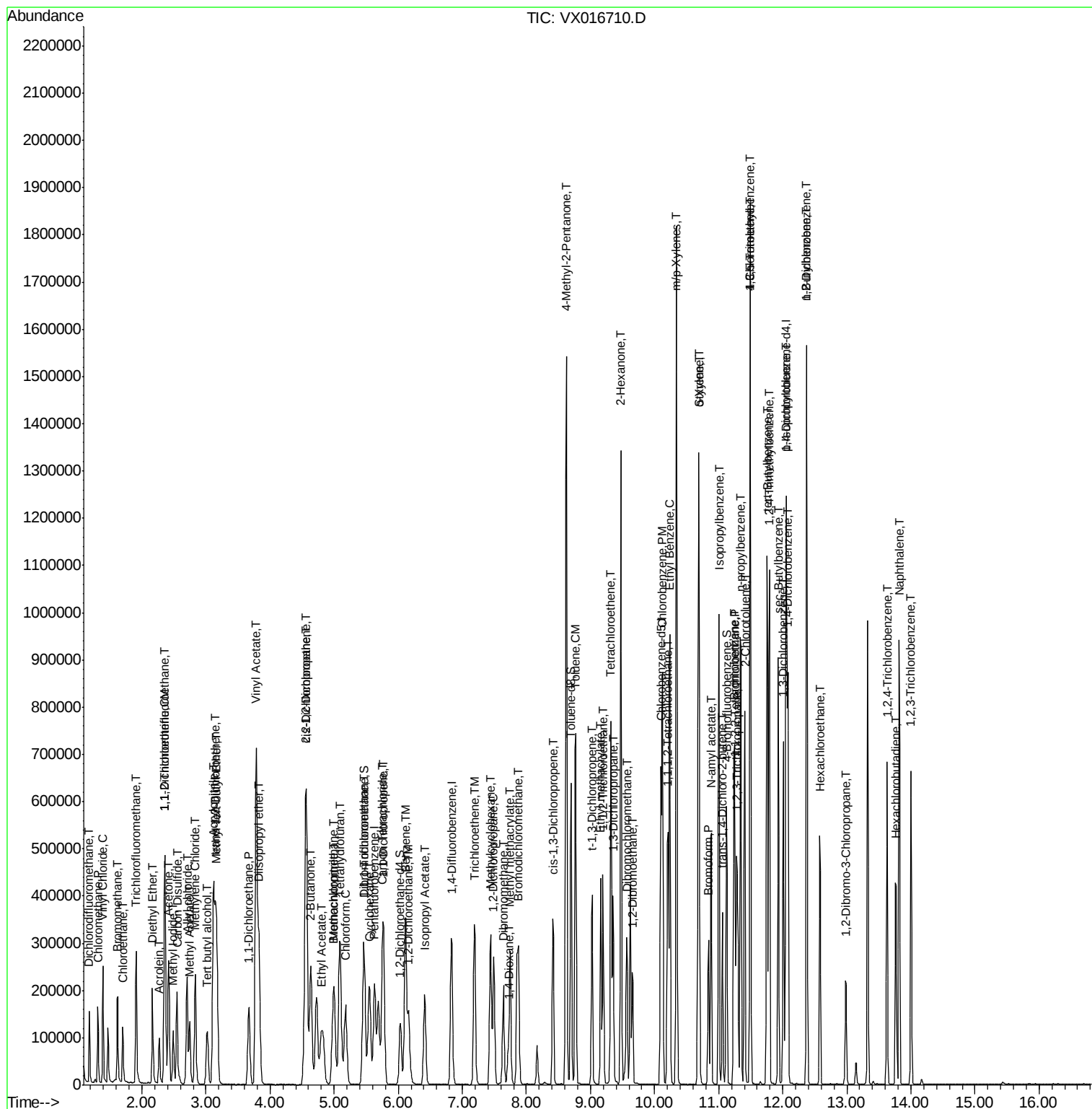
Quant Time: Jun 12 06:58:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
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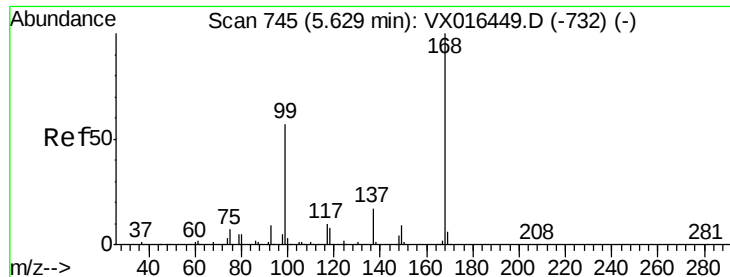
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	70455	55.293	ug/l	99
95) Naphthalene	13.82	128	575686	51.744	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	171097	53.813	ug/l	98

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

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Quant Time: Jun 12 06:58:01 2020
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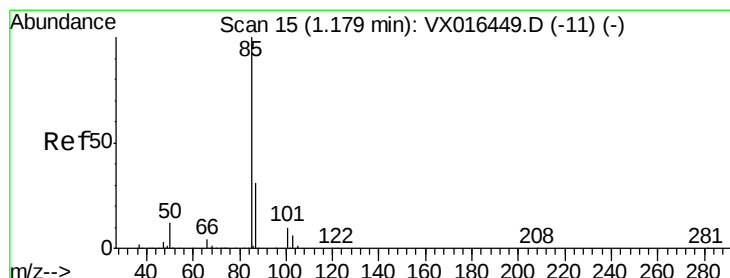
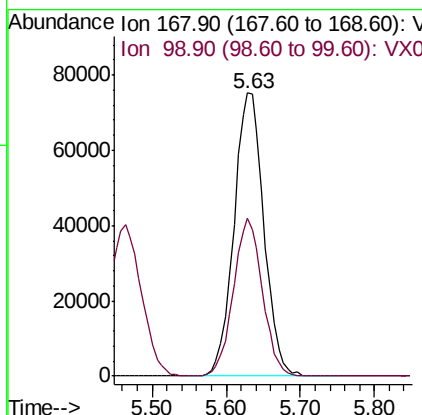
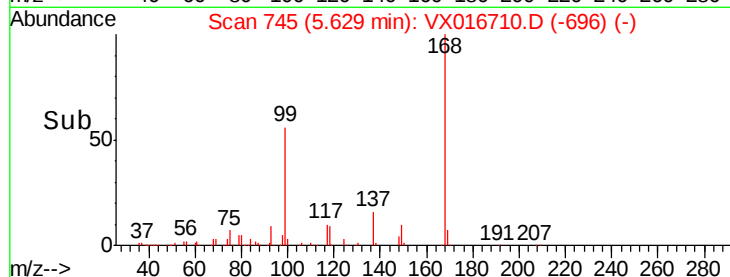
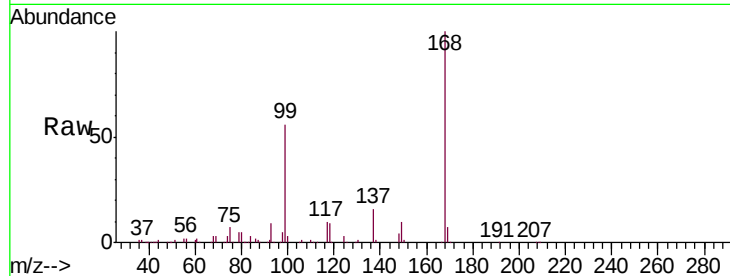




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

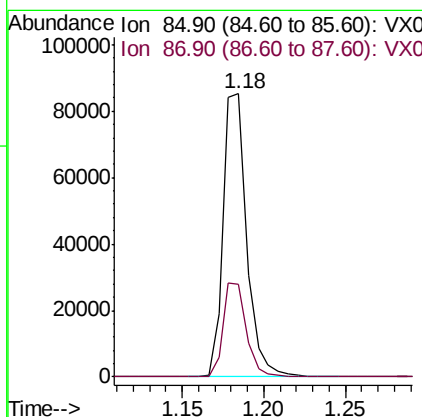
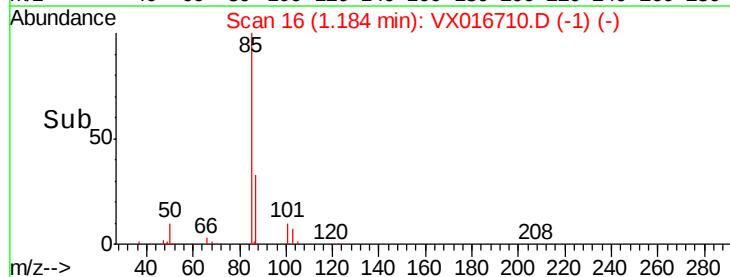
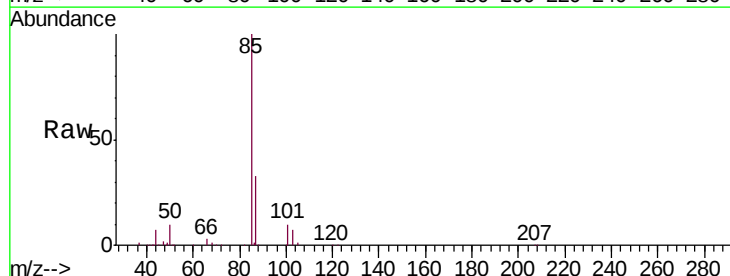
Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tgt Ion: 168 Resp: 211562
Ion Ratio Lower Upper
168 100
99 55.9 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 41.323 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.01 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion: 85 Resp: 86034
Ion Ratio Lower Upper
85 100
87 32.7 15.4 46.2





#3

Chloromethane

Concen: 38.176 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

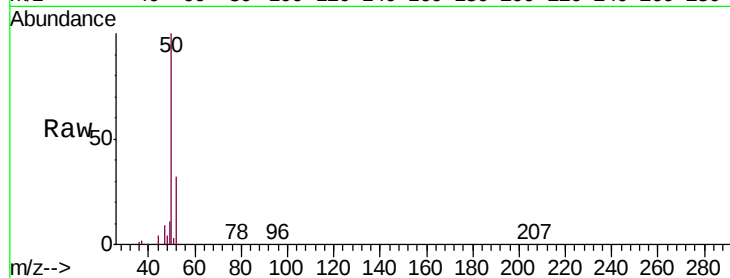
LF014RW131-200608MSD

Tgt Ion: 50 Resp: 96052

Ion Ratio Lower Upper

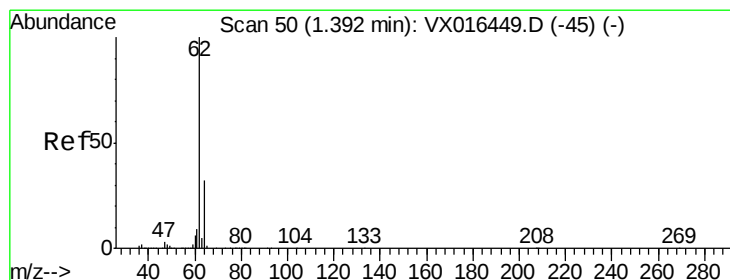
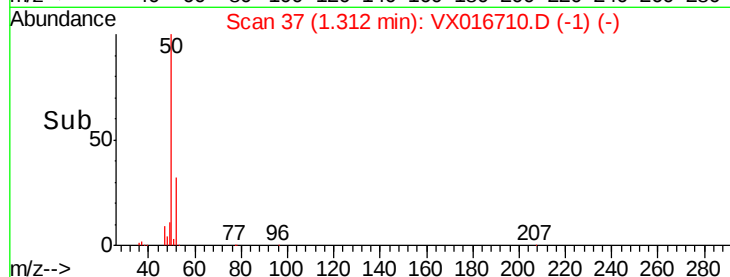
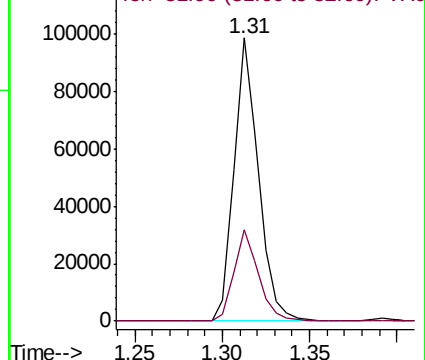
50 100

52 32.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.367 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016710.D

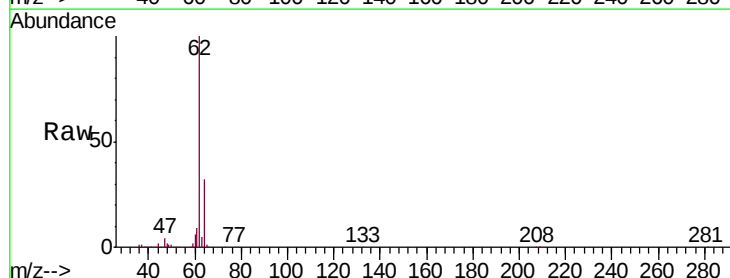
Acq: 11 Jun 2020 17:28

Tgt Ion: 62 Resp: 139336

Ion Ratio Lower Upper

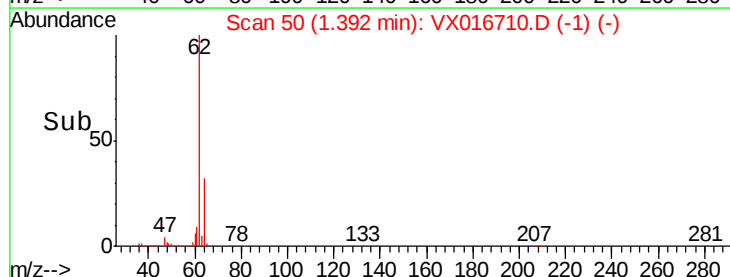
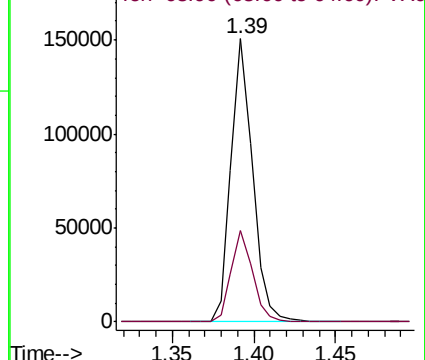
62 100

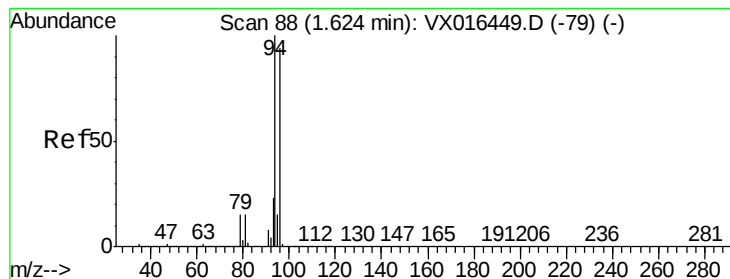
64 32.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.424 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

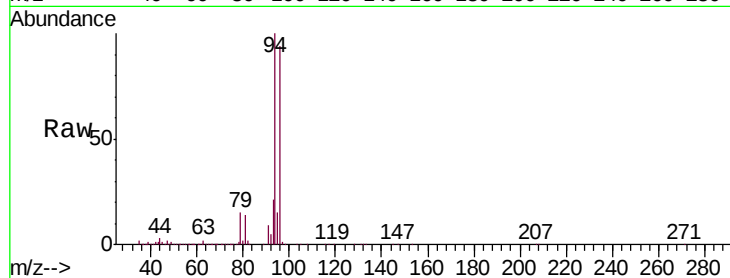
LF014RW131-200608MSD

Tgt Ion: 94 Resp: 63941

Ion Ratio Lower Upper

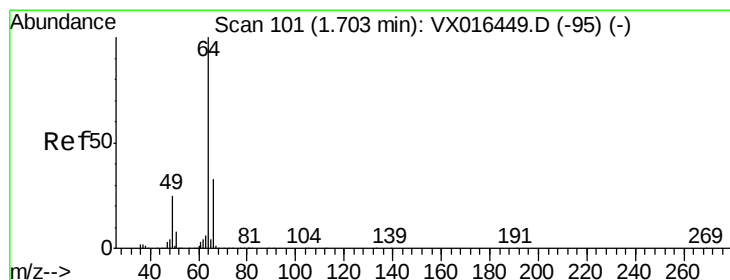
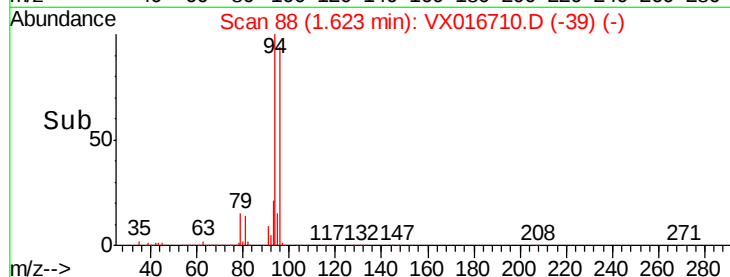
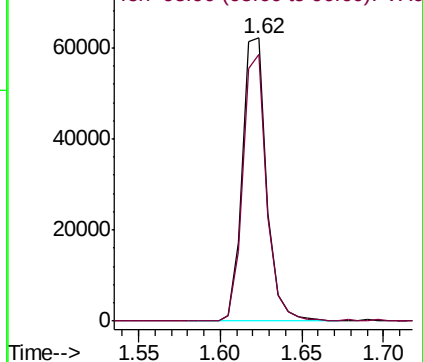
94 100

96 94.3 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: 47.041 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016710.D

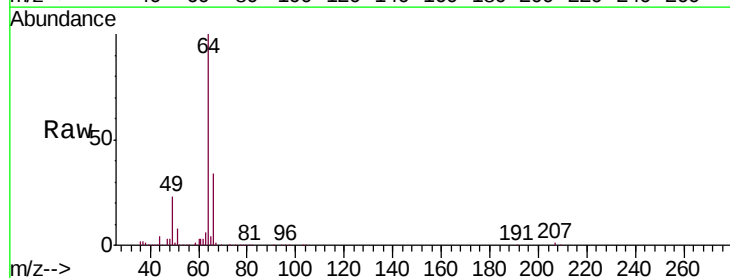
Acq: 11 Jun 2020 17:28

Tgt Ion: 64 Resp: 73012

Ion Ratio Lower Upper

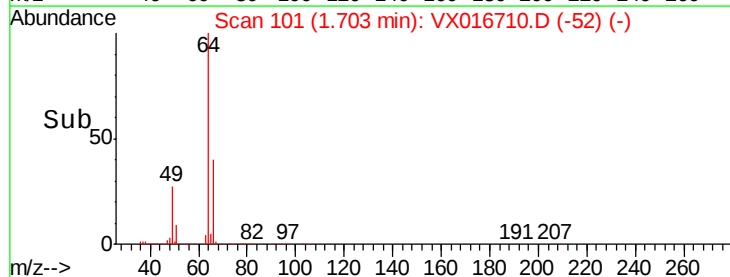
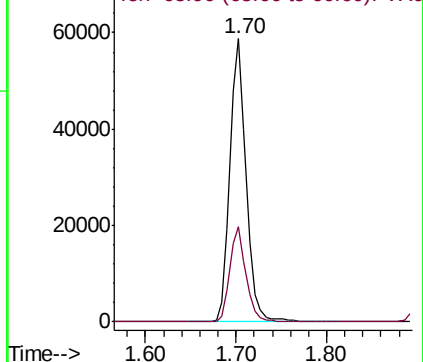
64 100

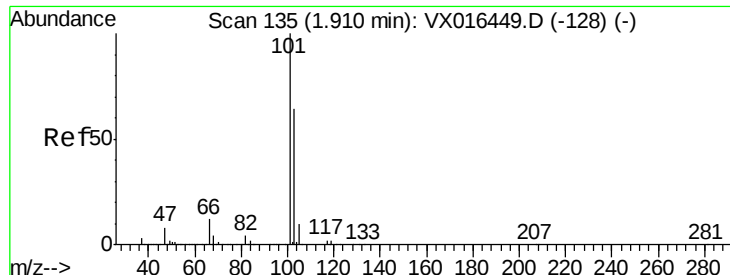
66 33.7 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



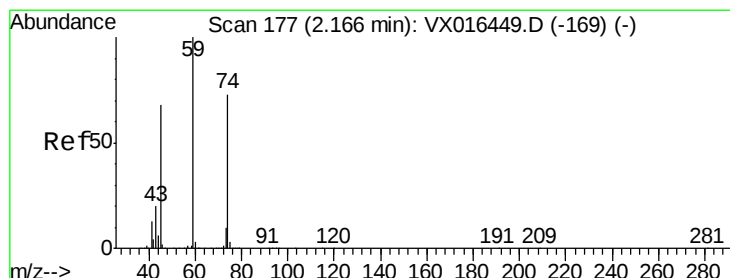
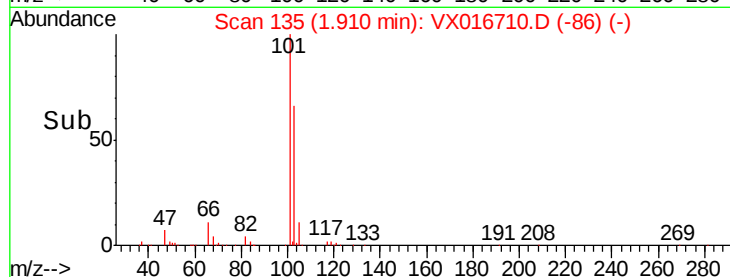
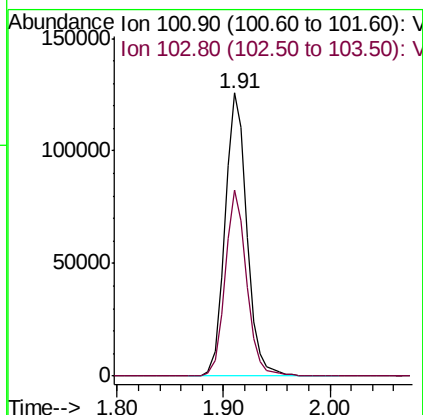
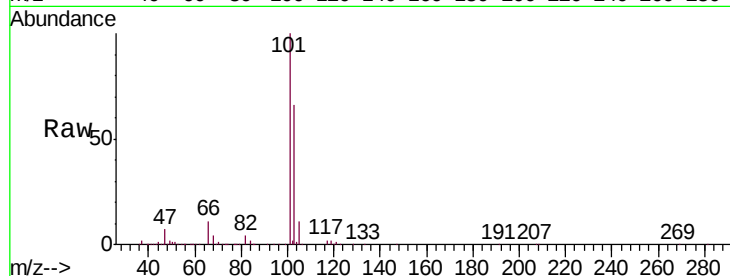


#7

Trichlorofluoromethane
 Concen: 51.862 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016710.D
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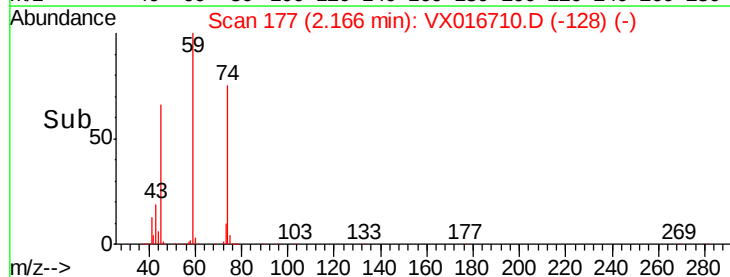
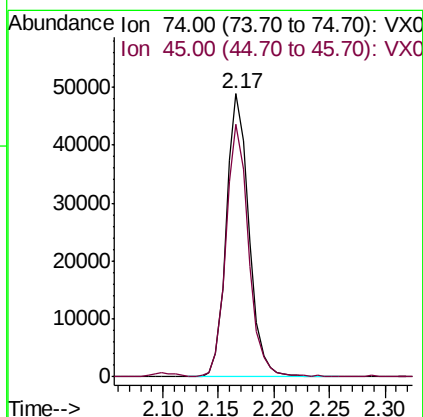
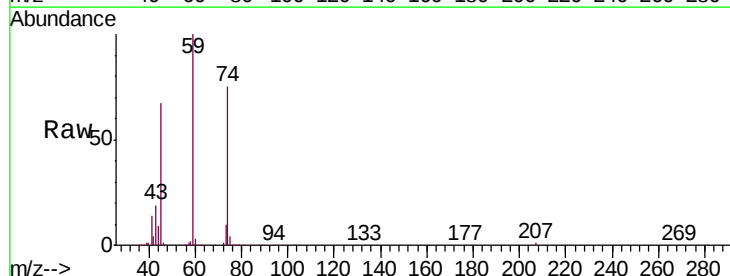
Tgt Ion: 101 Resp: 181222
 Ion Ratio Lower Upper
 101 100
 103 66.0 50.9 76.3

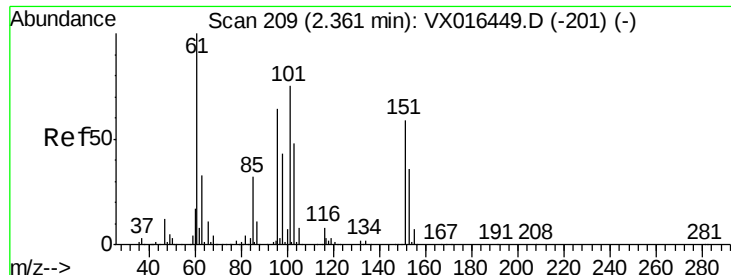


#8

Diethyl Ether
 Concen: 47.088 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion: 74 Resp: 68611
 Ion Ratio Lower Upper
 74 100
 45 88.4 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.027 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016710.D

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Instrument :

MSVOA_X

ClientSampleId :

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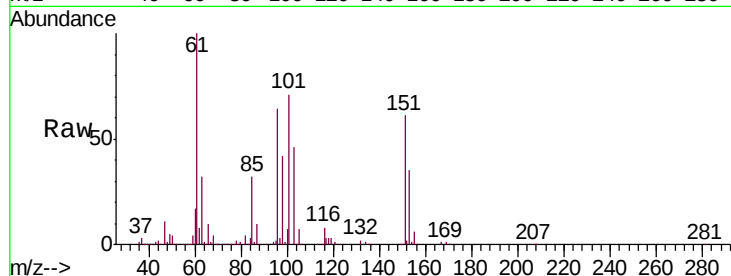
Tgt Ion:101 Resp: 96211

Ion Ratio Lower Upper

101 100

85 43.7 34.4 51.6

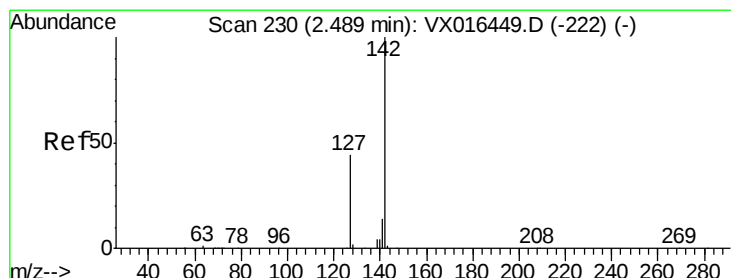
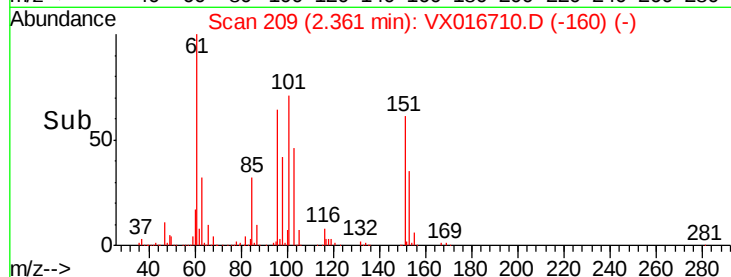
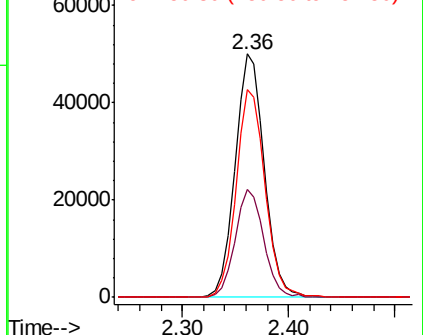
151 84.9 63.8 95.6



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: 49.532 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

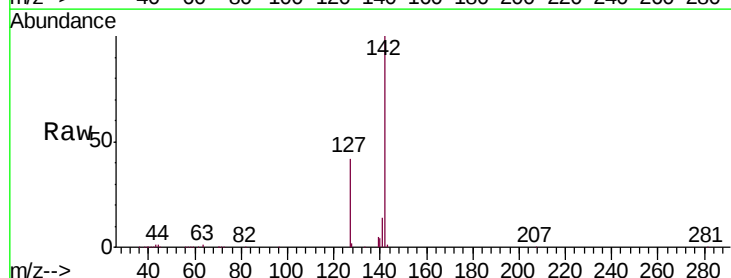
Tgt Ion:142 Resp: 113738

Ion Ratio Lower Upper

142 100

127 43.5 35.3 52.9

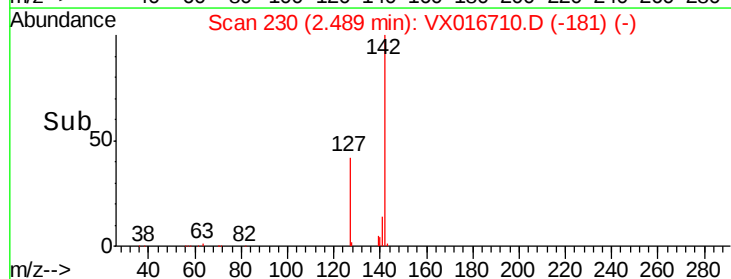
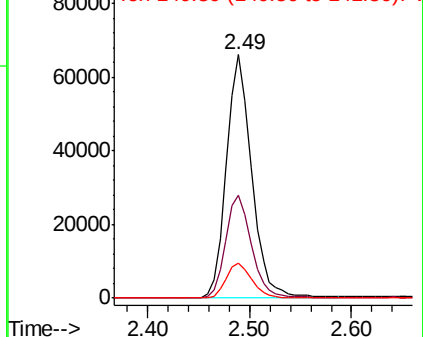
141 14.4 11.4 17.2

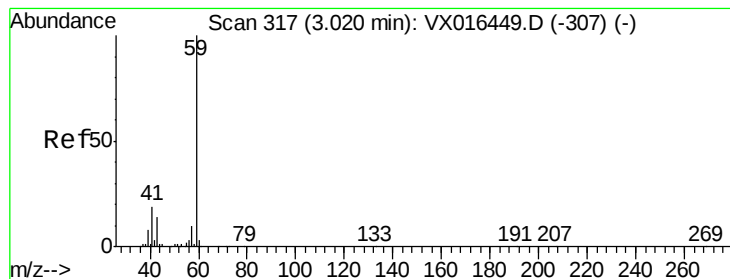


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



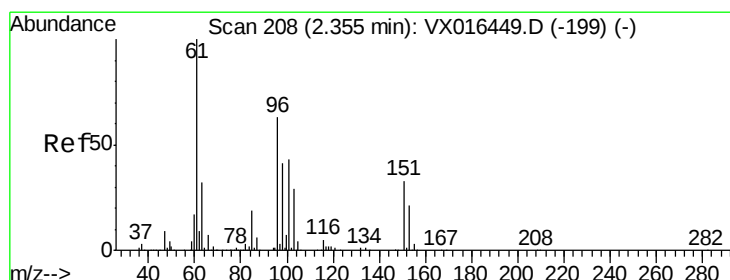
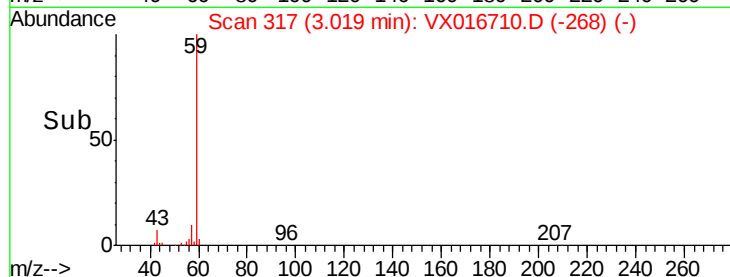
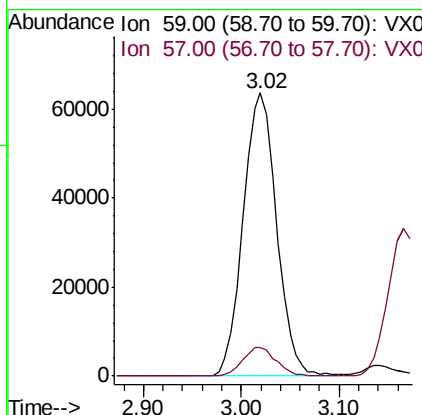
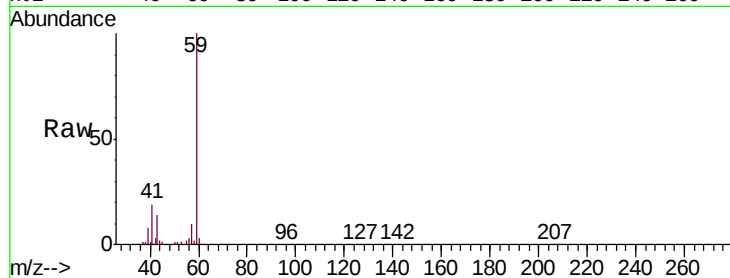


#11

Tert butyl alcohol
 Concen: 224.122 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

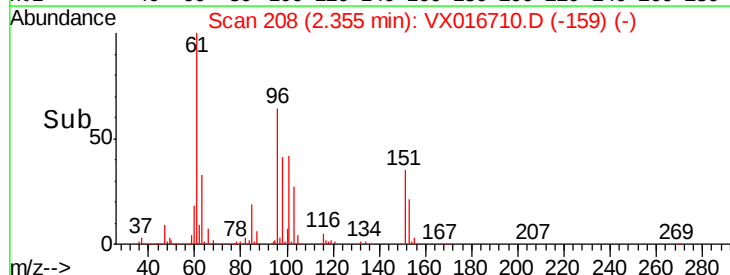
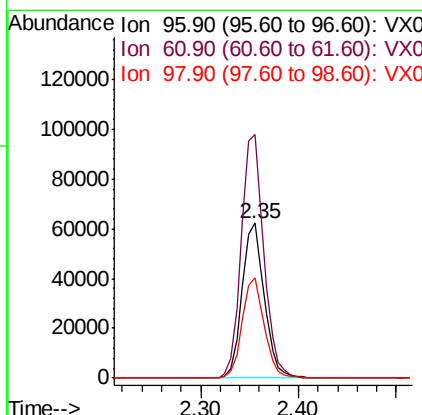
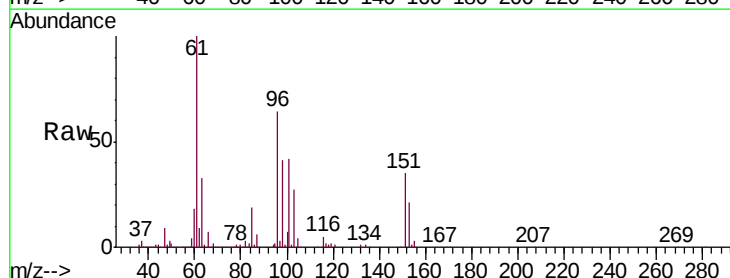
Tgt Ion: 59 Resp: 150997
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

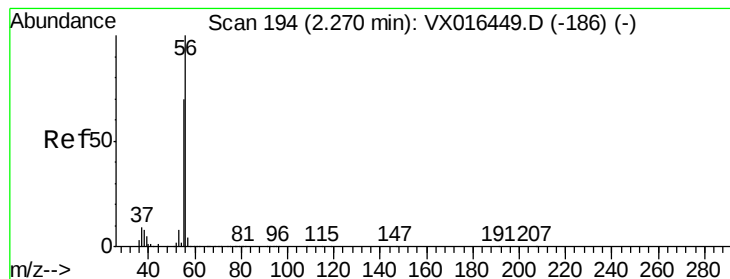


#12

1,1-Dichloroethene
 Concen: 48.481 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion: 96 Resp: 98691
 Ion Ratio Lower Upper
 96 100
 61 156.9 126.6 189.8
 98 64.8 51.3 76.9





#13

Acrolein

Concen: 238.828 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

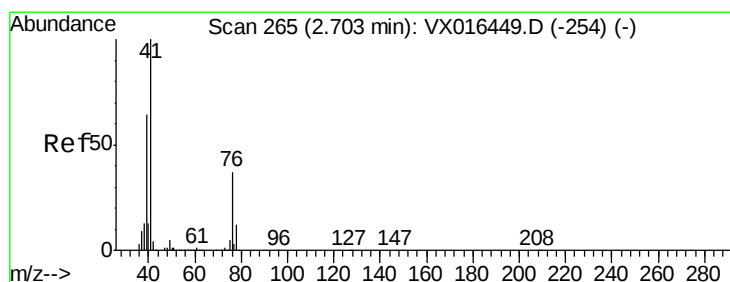
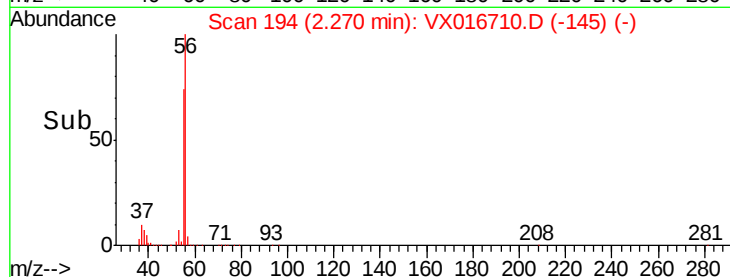
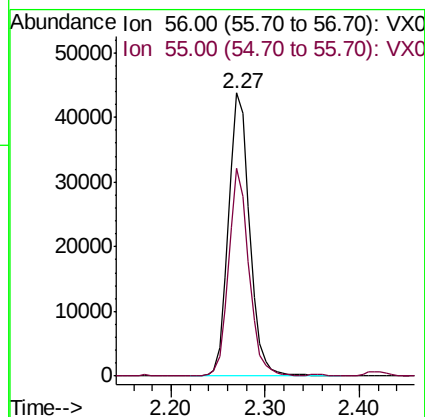
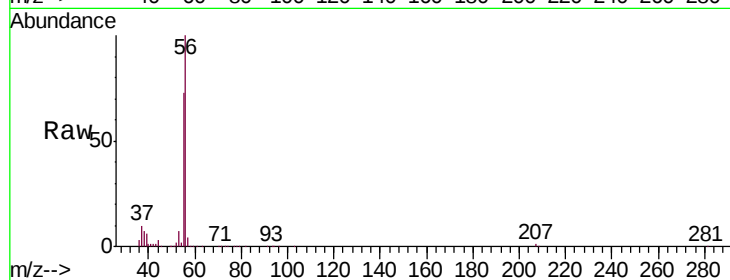
LF014RW131-200608MSD

Tgt Ion: 56 Resp: 68447

Ion Ratio Lower Upper

56 100

55 70.2 58.3 87.5



#14

Allyl chloride

Concen: 42.368 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

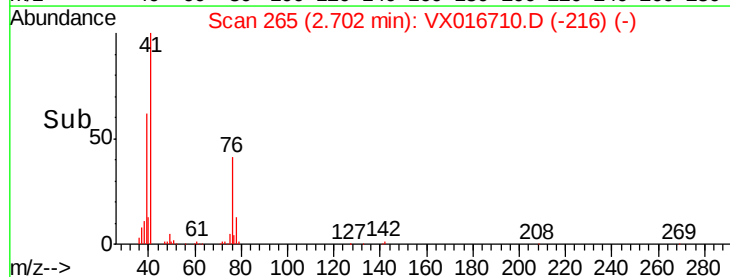
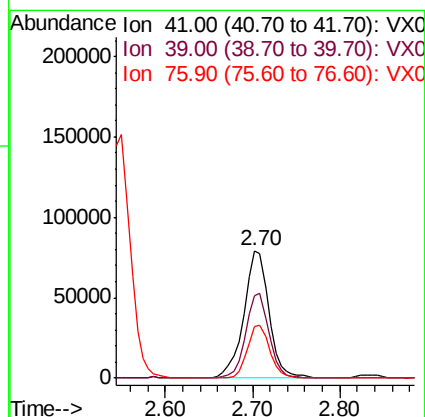
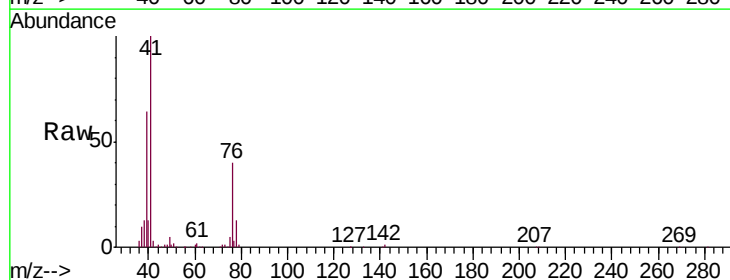
Tgt Ion: 41 Resp: 158616

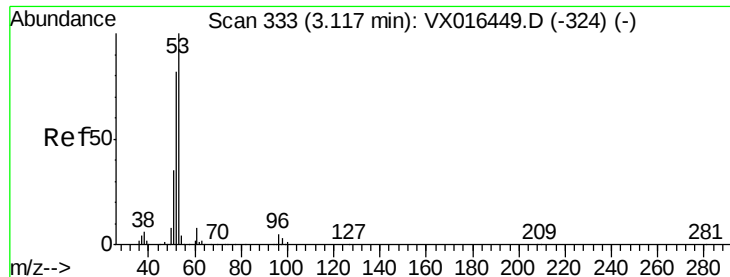
Ion Ratio Lower Upper

41 100

39 60.8 47.7 71.5

76 37.0 26.6 40.0

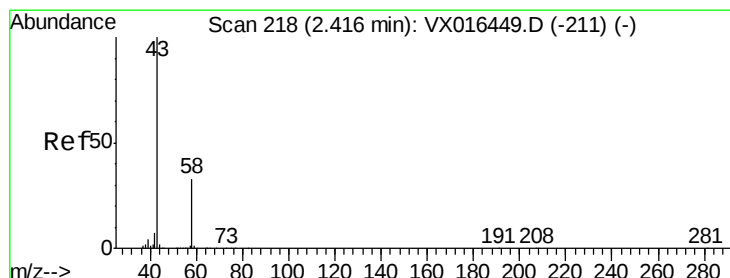
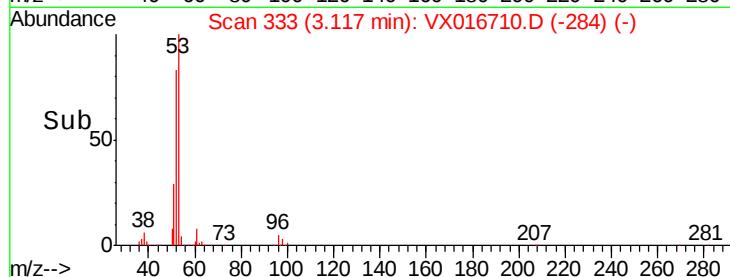
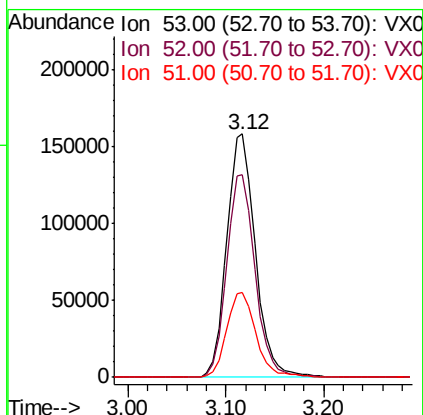
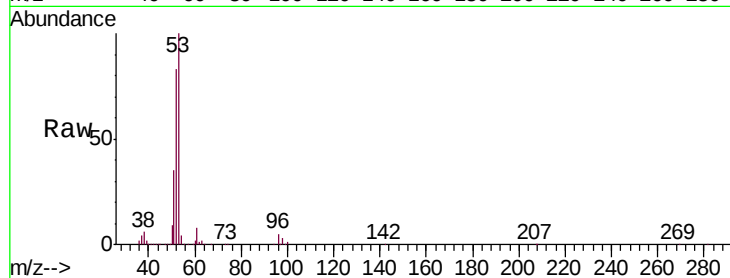




#15
 Acrylonitrile
 Concen: 232.218 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

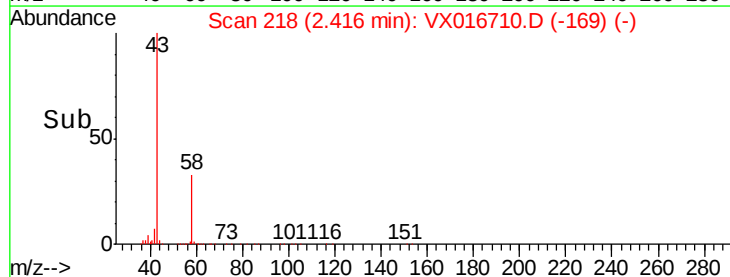
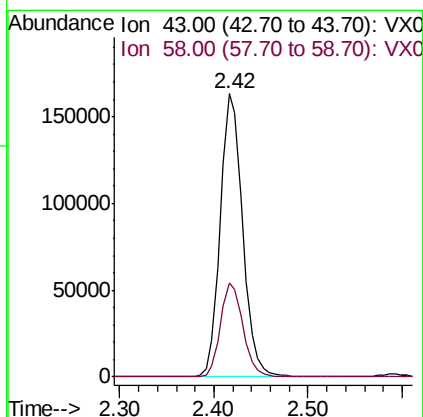
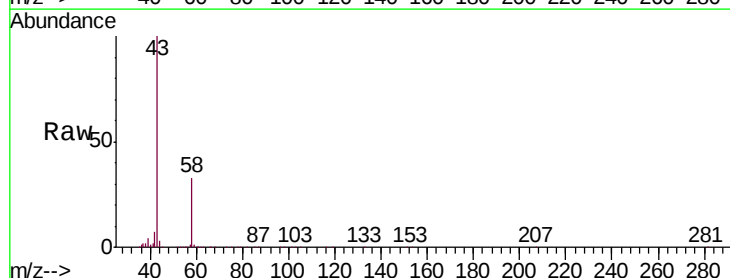
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

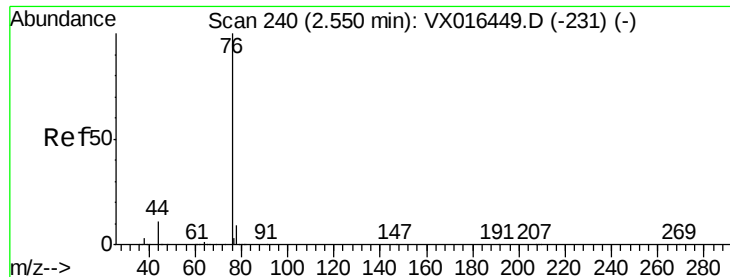
Tgt Ion: 53 Resp: 320482
 Ion Ratio Lower Upper
 53 100
 52 83.0 66.7 100.1
 51 35.8 28.6 43.0



#16
 Acetone
 Concen: 233.554 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion: 43 Resp: 268842
 Ion Ratio Lower Upper
 43 100
 58 33.1 26.1 39.1

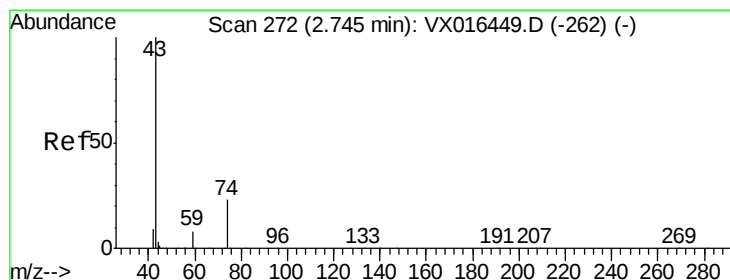
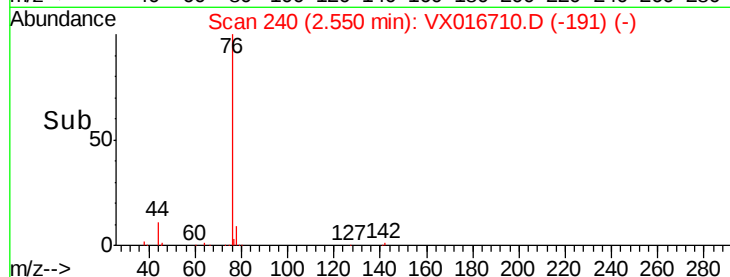
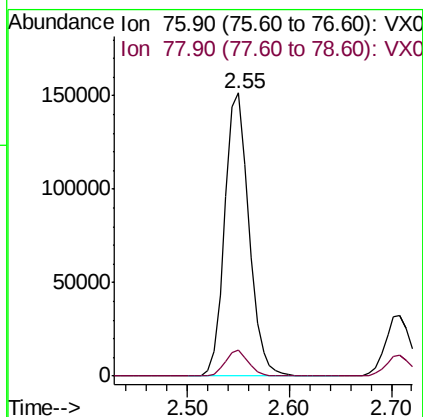
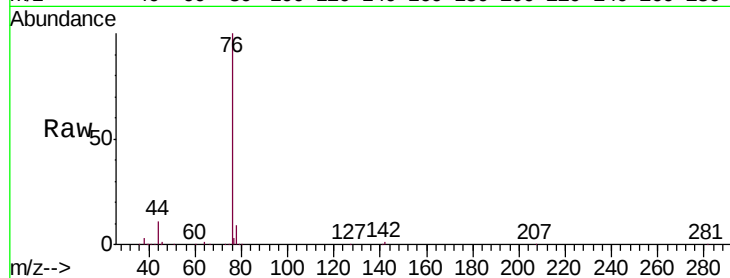




#17
Carbon Disulfide
Concen: 41.361 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

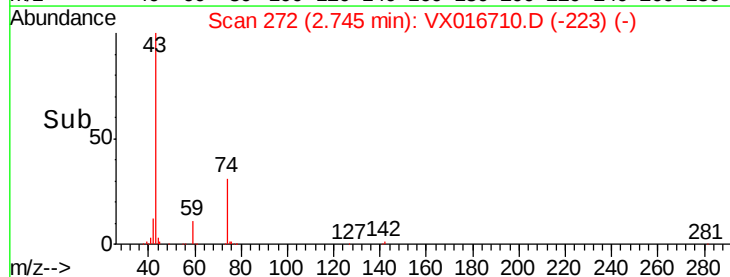
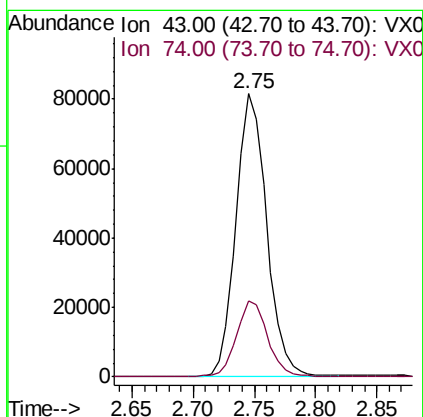
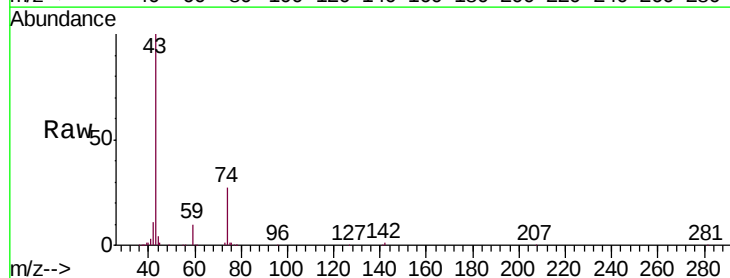
Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

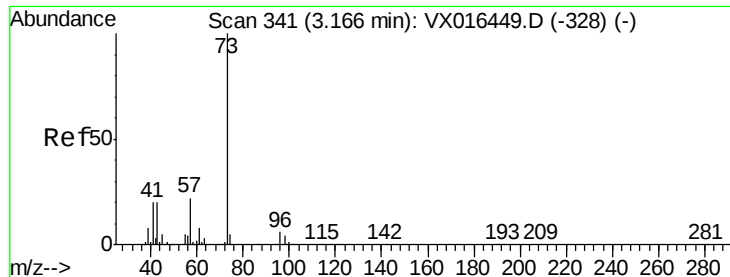
Tgt Ion: 76 Resp: 250036
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 48.128 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion: 43 Resp: 142091
Ion Ratio Lower Upper
43 100
74 27.5 19.7 29.5





#19

Methyl tert-butyl Ether

Concen: 49.886 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

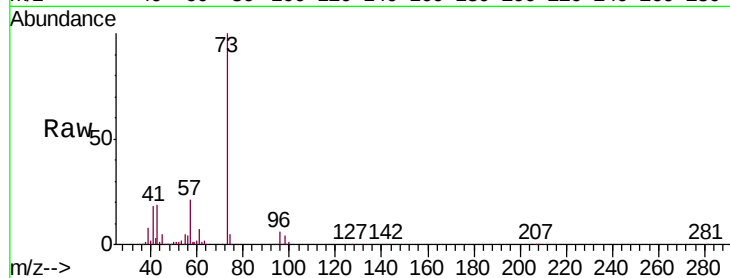
LF014RW131-200608MSD

Tgt Ion: 73 Resp: 364663

Ion Ratio Lower Upper

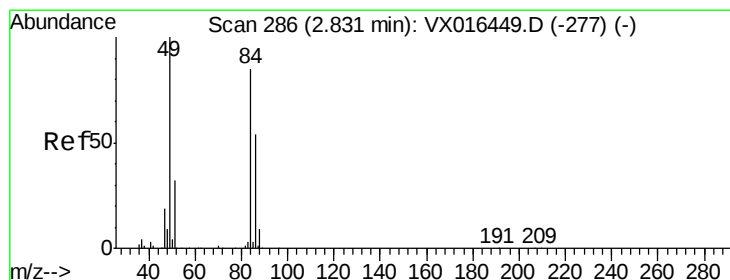
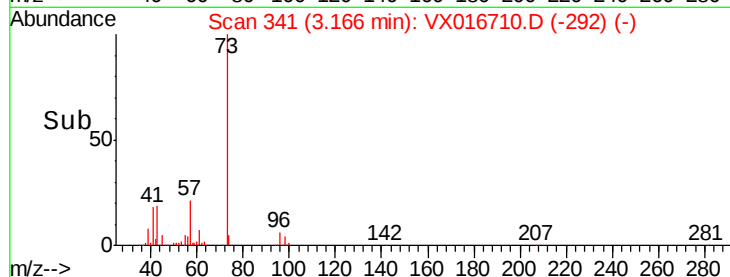
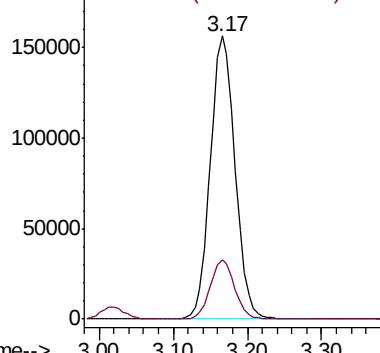
73 100

57 21.2 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 47.592 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Tgt Ion: 84 Resp: 113342

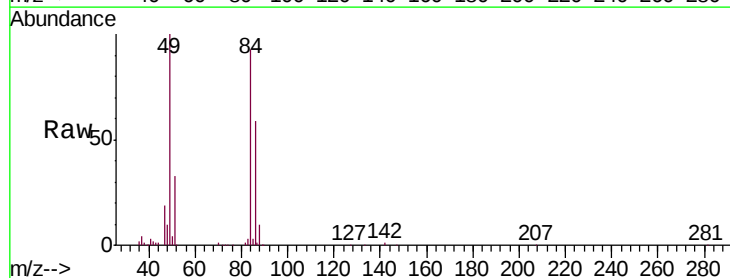
Ion Ratio Lower Upper

84 100

49 107.5 94.5 141.7

51 35.2 30.2 45.4

86 63.5 51.1 76.7

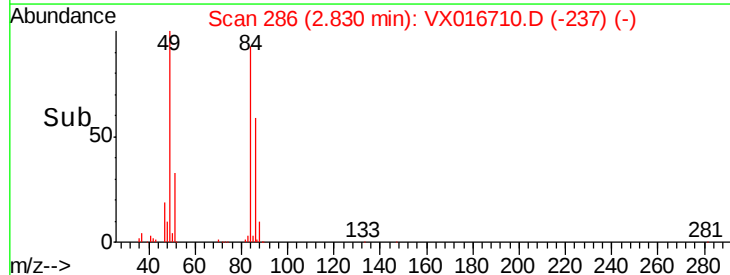
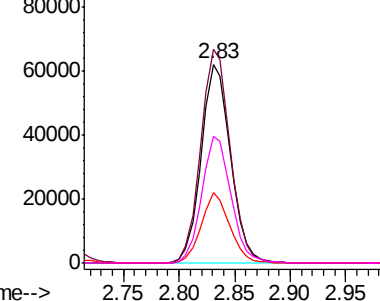


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 48.050 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

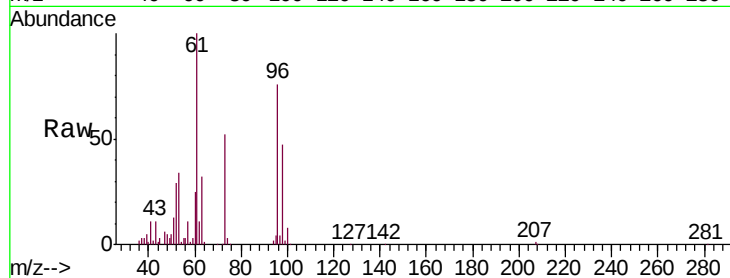
Tgt Ion: 96 Resp: 108193

Ion Ratio Lower Upper

96 100

61 131.7 115.3 172.9

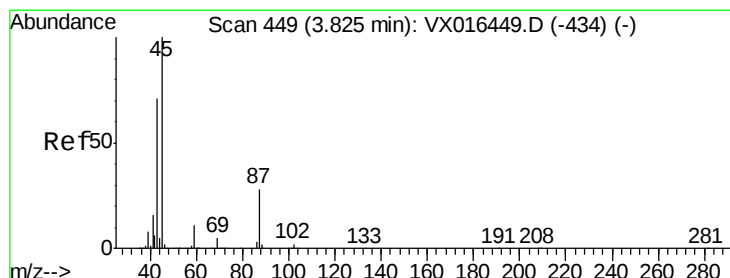
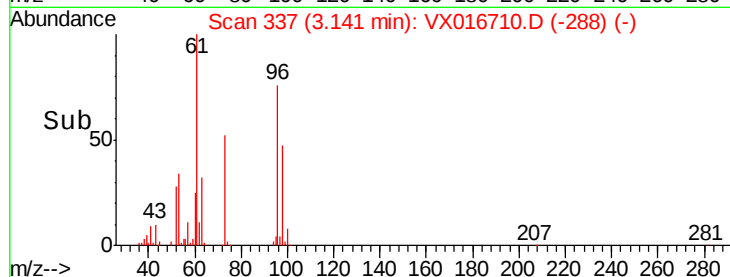
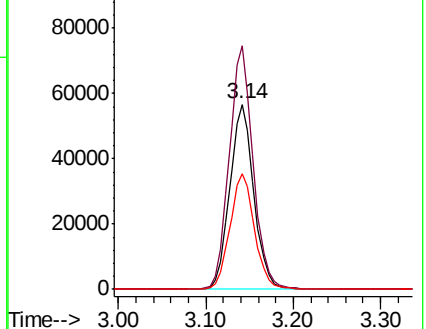
98 62.3 51.9 77.9



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: 43.872 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Tgt Ion: 45 Resp: 315521

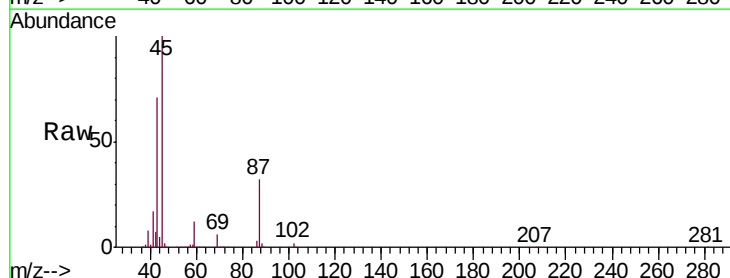
Ion Ratio Lower Upper

45 100

43 71.1 57.0 85.6

87 31.7 22.5 33.7

59 12.5 9.1 13.7

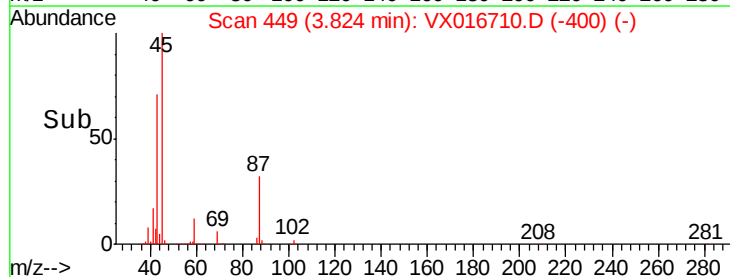
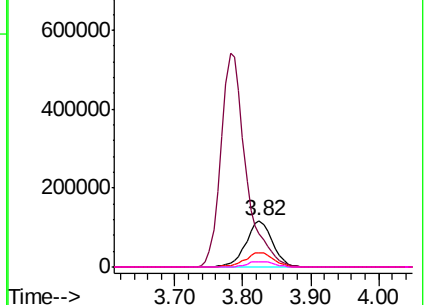


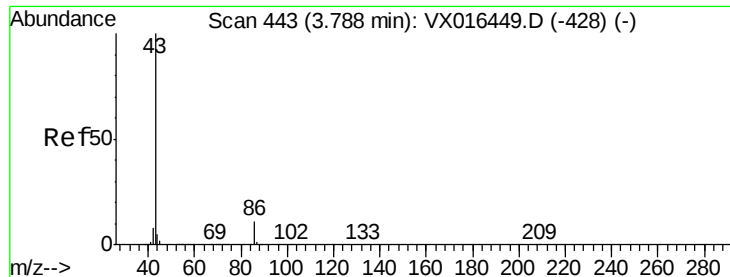
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 218.406 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

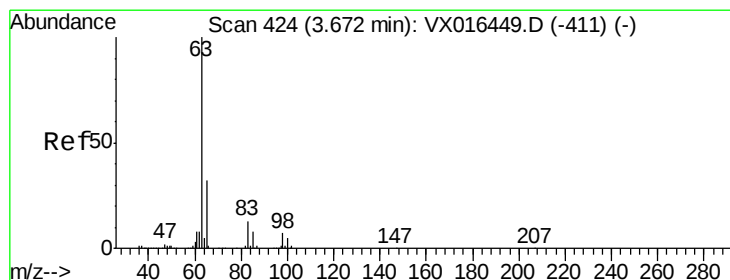
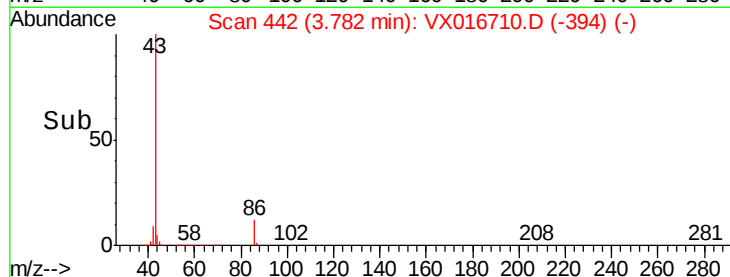
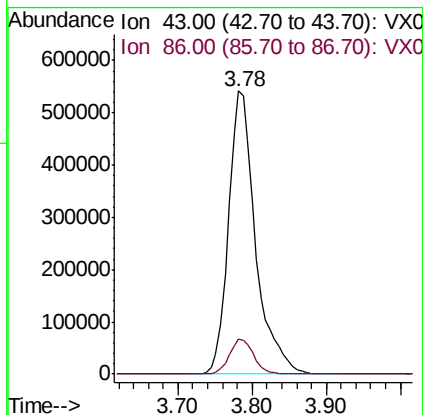
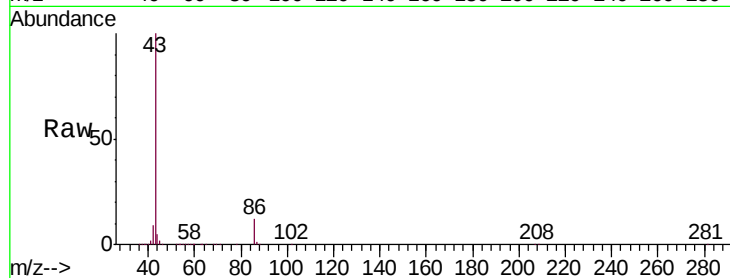
LF014RW131-200608MSD

Tgt Ion: 43 Resp: 1374878

Ion Ratio Lower Upper

43 100

86 12.4 8.6 13.0



#24

1,1-Dichloroethane

Concen: 46.940 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

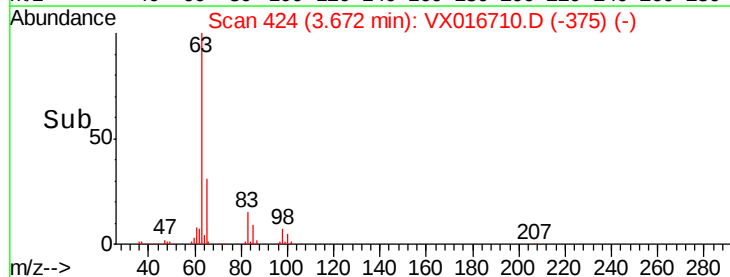
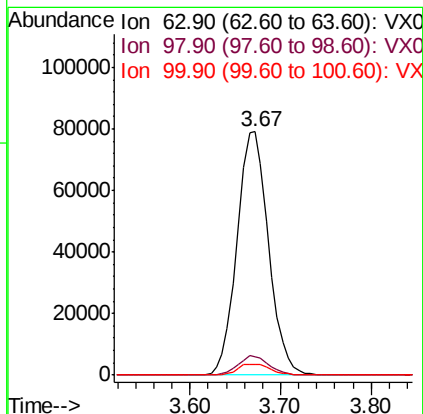
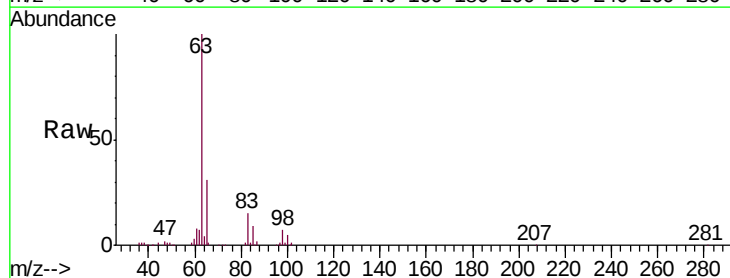
Tgt Ion: 63 Resp: 190537

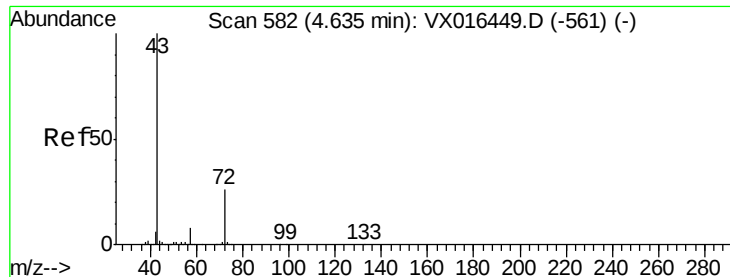
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.6 2.4 7.1

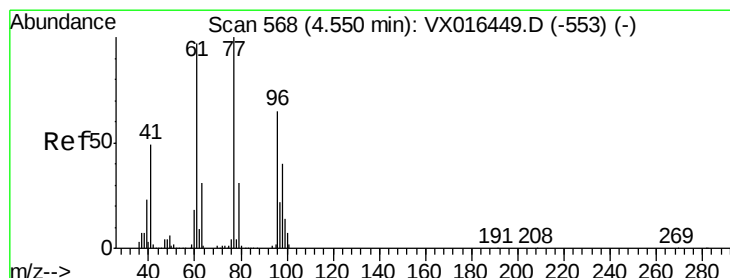
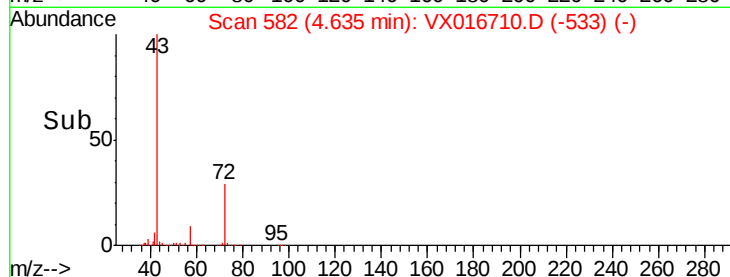
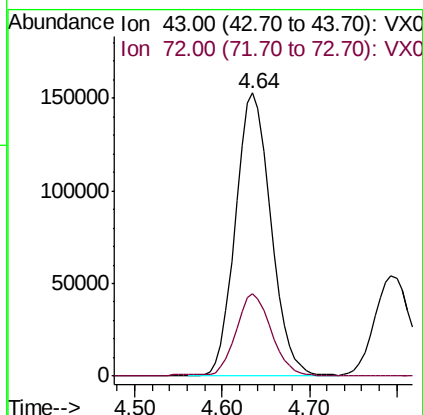
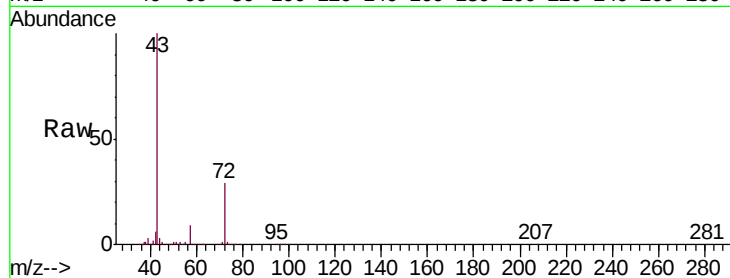




#25
2-Butanone
Concen: 220.966 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

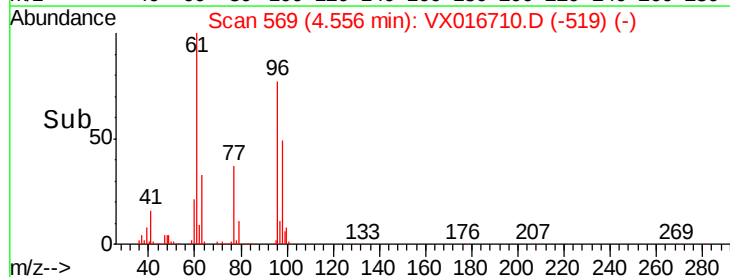
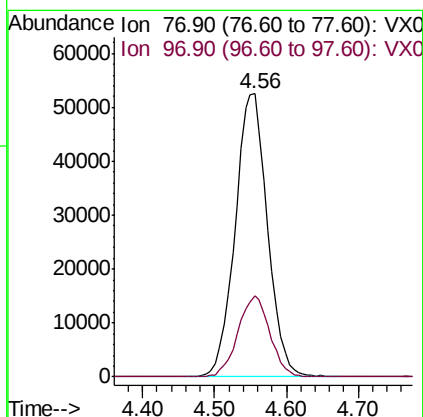
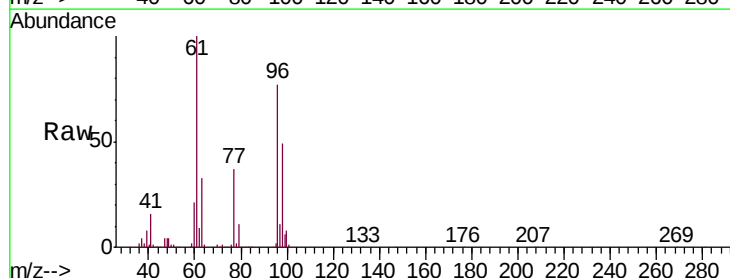
Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

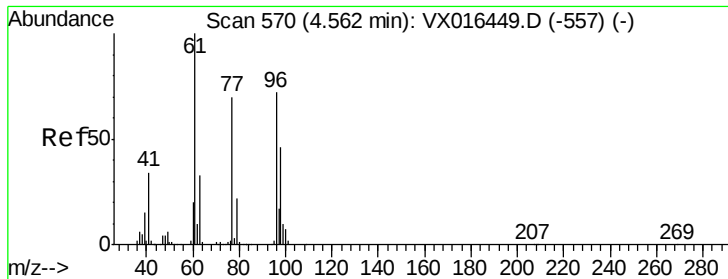
Tgt Ion: 43 Resp: 430990
Ion Ratio Lower Upper
43 100
72 29.0 21.0 31.6



#26
2,2-Dichloropropane
Concen: 49.120 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion: 77 Resp: 163154
Ion Ratio Lower Upper
77 100
97 28.4 11.5 34.4



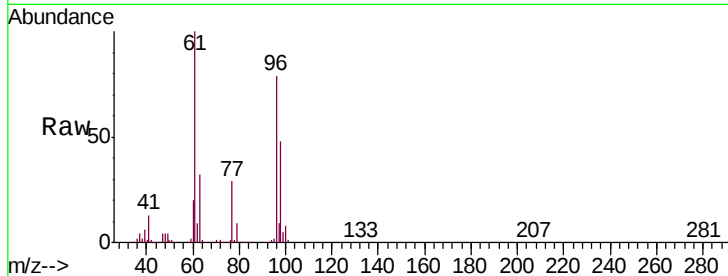


#27

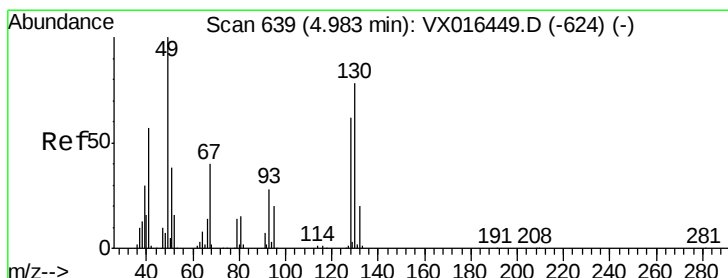
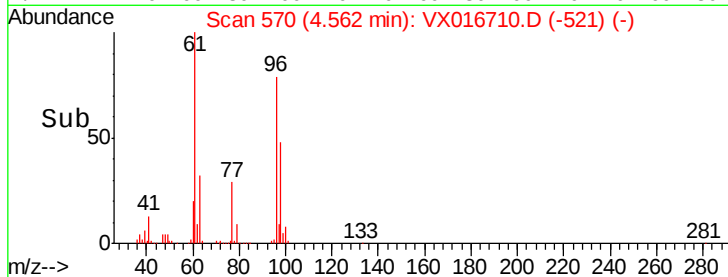
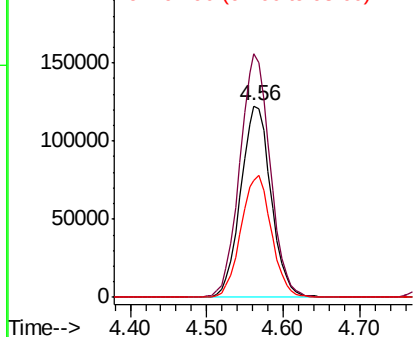
cis-1,2-Dichloroethene
Concen: 129.346 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tgt Ion	Resp	Lower	Upper
96	336935		
Ion Ratio			
96	100		
61	127.5	0.0	284.6
98	64.1	0.0	127.2



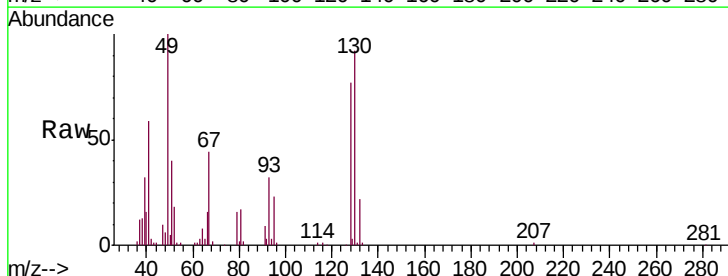
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



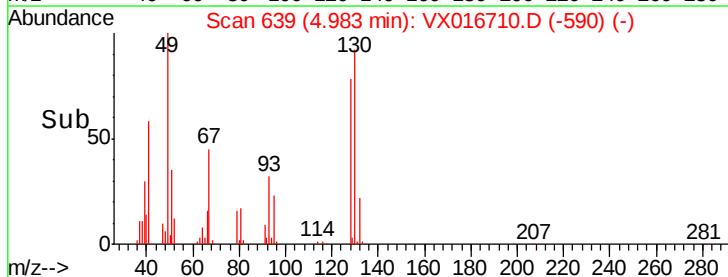
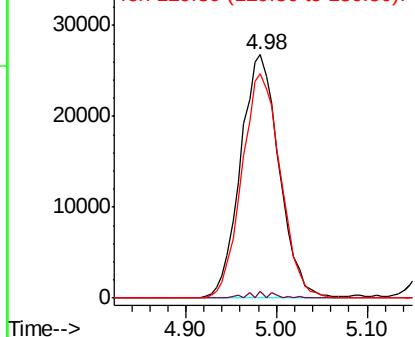
#28

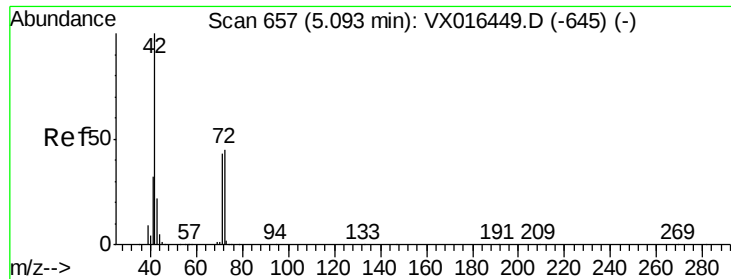
Bromochloromethane
Concen: 42.007 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Resp	Lower	Upper
49	79239		
Ion Ratio			
49	100		
129	0.4	0.0	4.0
130	92.1	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

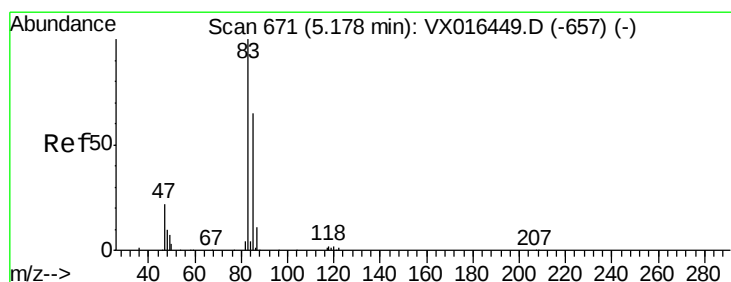
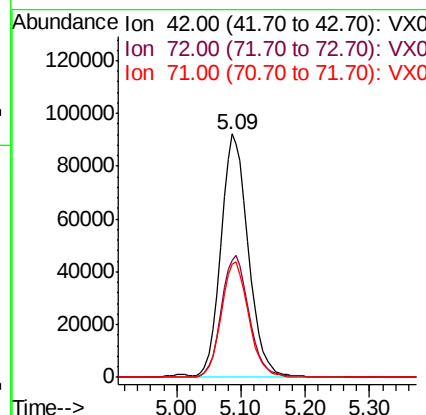
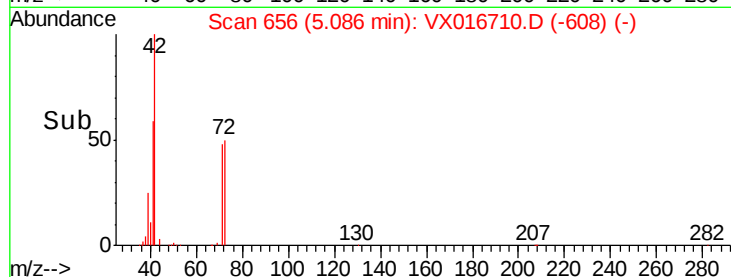
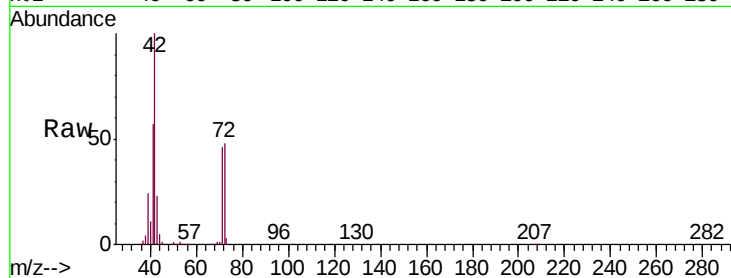




#29
Tetrahydrofuran
Concen: 217.728 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

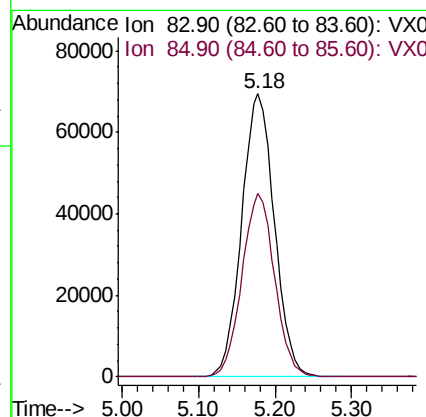
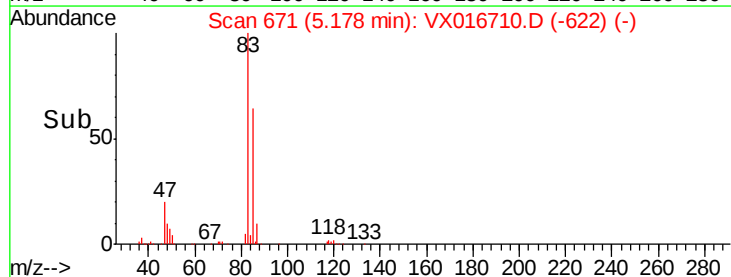
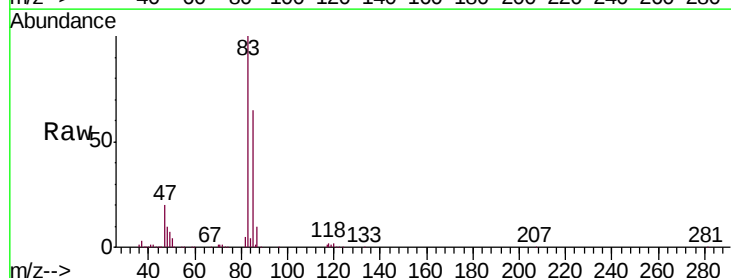
Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

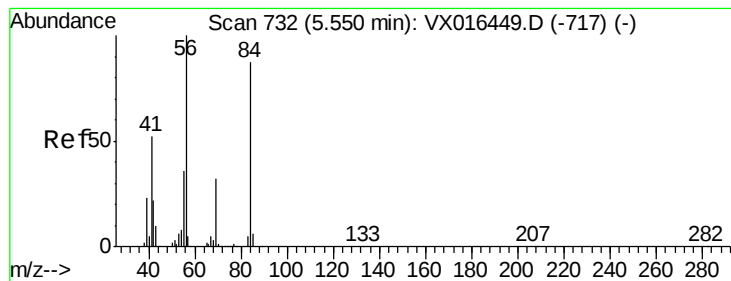
Tgt Ion: 42 Resp: 274360
Ion Ratio Lower Upper
42 100
72 51.3 37.0 55.4
71 47.7 34.1 51.1



#30
Chloroform
Concen: 50.442 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion: 83 Resp: 206309
Ion Ratio Lower Upper
83 100
85 64.8 52.0 78.0





#31

Cyclohexane

Concen: 40.125 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

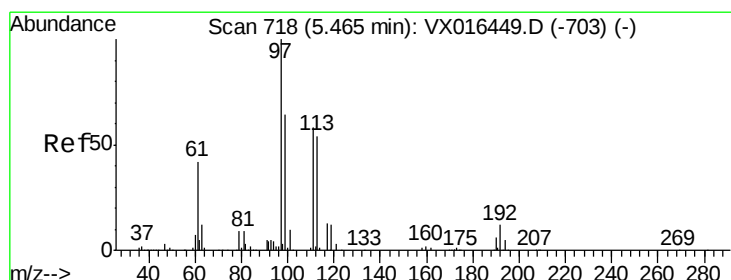
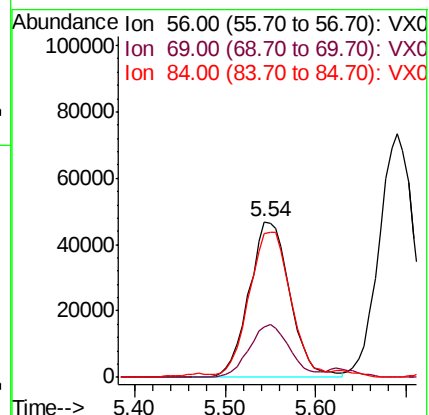
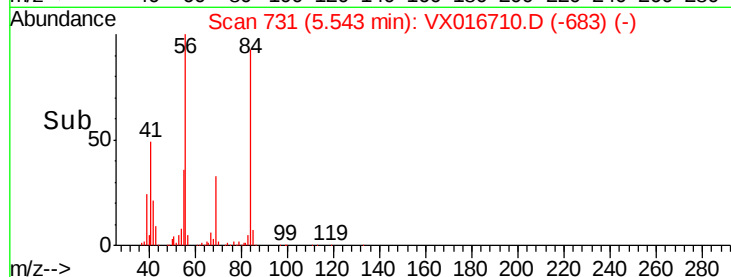
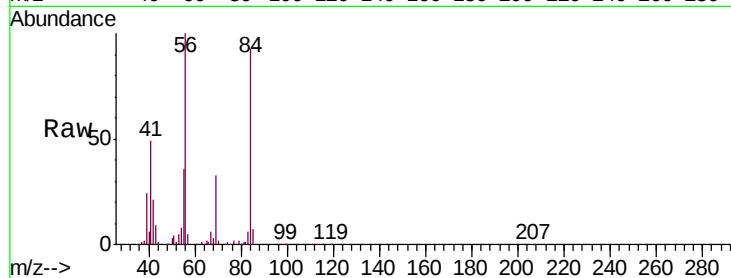
Tgt Ion: 56 Resp: 146528

Ion Ratio Lower Upper

56 100

69 32.6 25.7 38.5

84 90.5 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 51.538 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

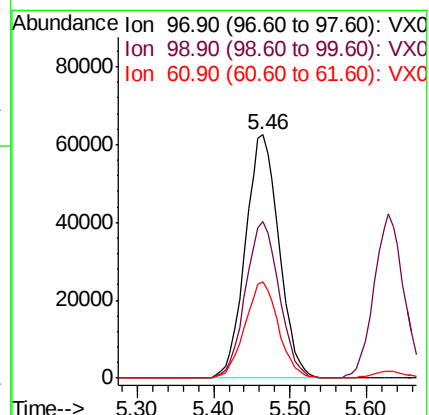
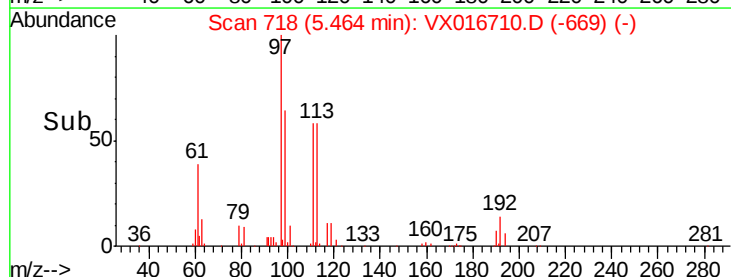
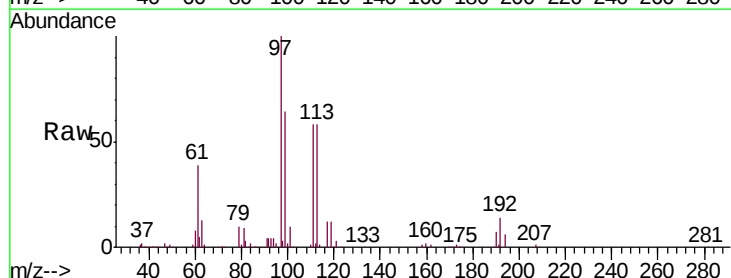
Tgt Ion: 97 Resp: 190838

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.2

61 39.5 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 48.254 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

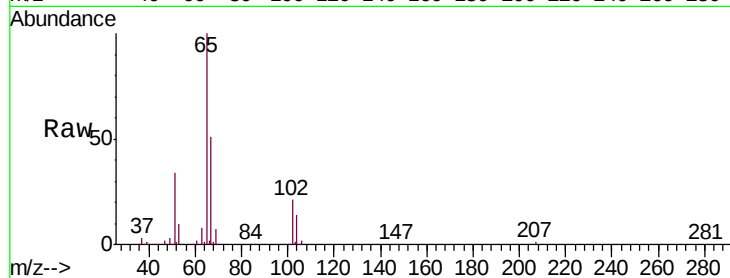
LF014RW131-200608MSD

Tgt Ion: 65 Resp: 126778

Ion Ratio Lower Upper

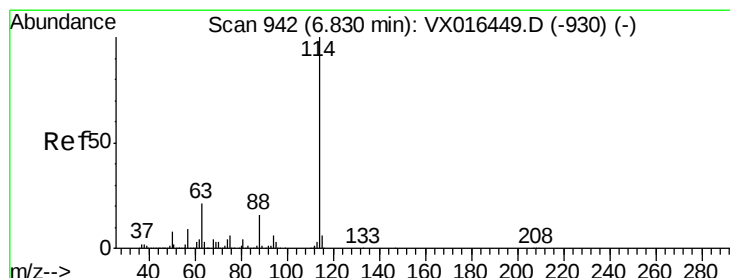
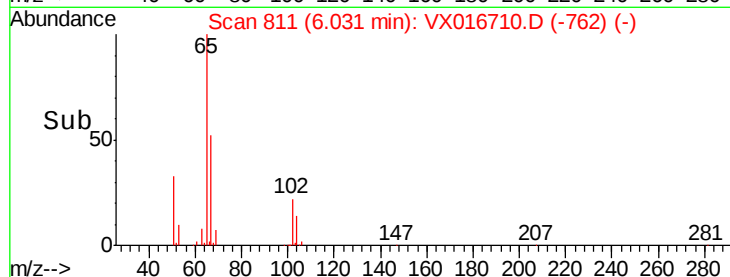
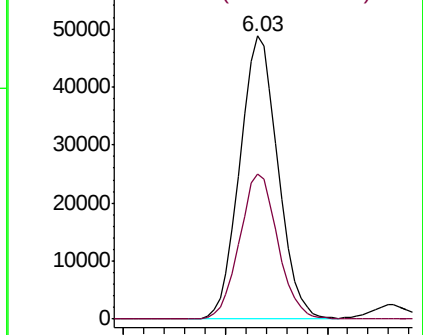
65 100

67 51.5 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

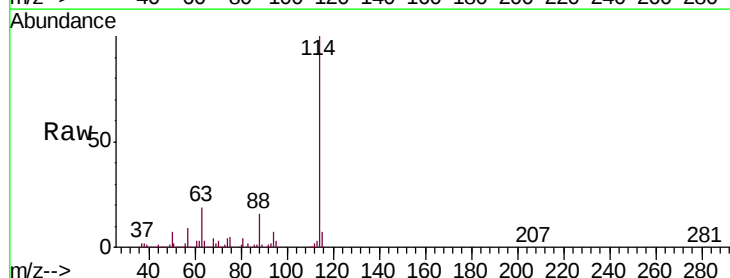
Tgt Ion: 114 Resp: 319236

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

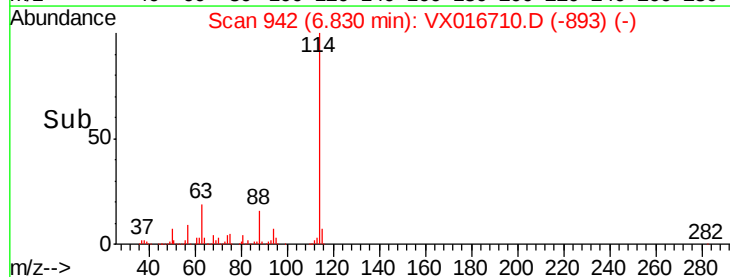
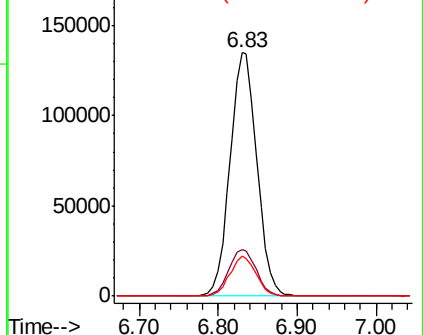
88 16.4 0.0 32.8

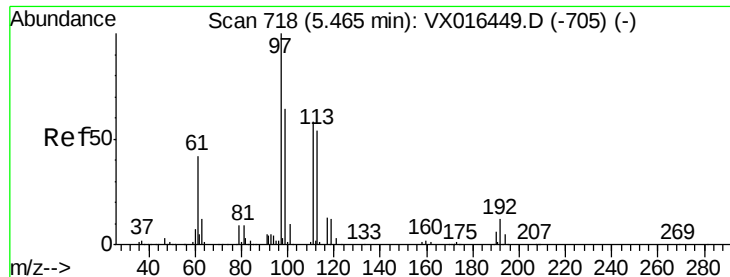


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

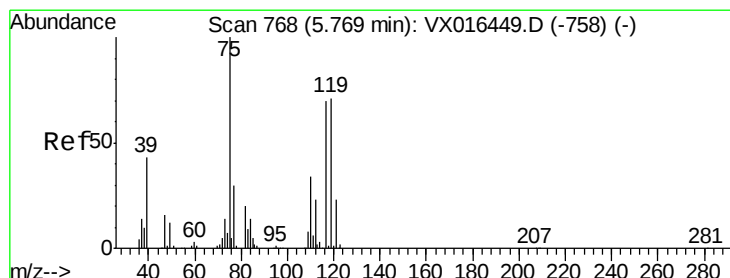
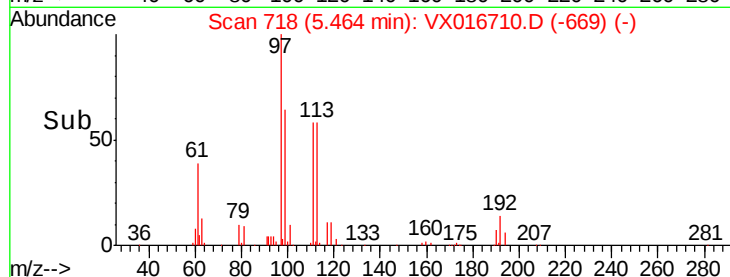
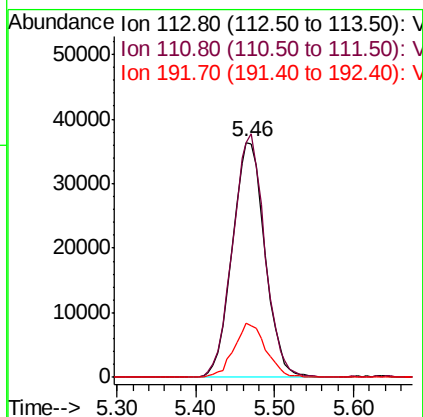
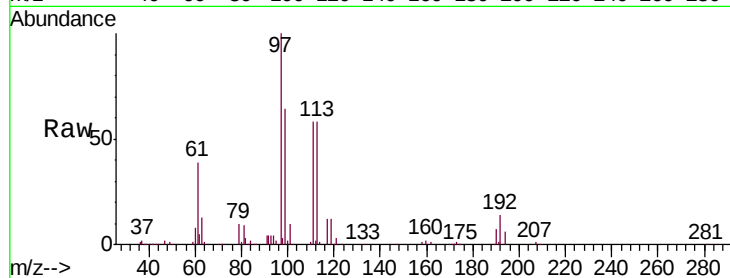




#35
 Dibromofluoromethane
 Concen: 53.304 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

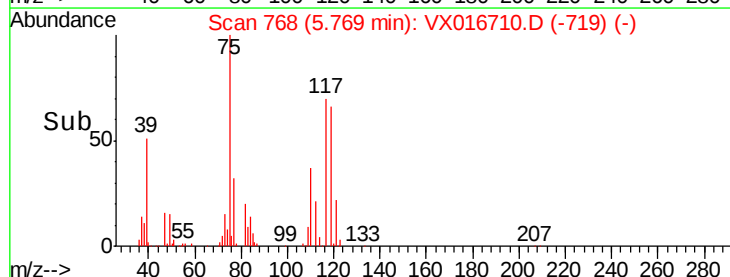
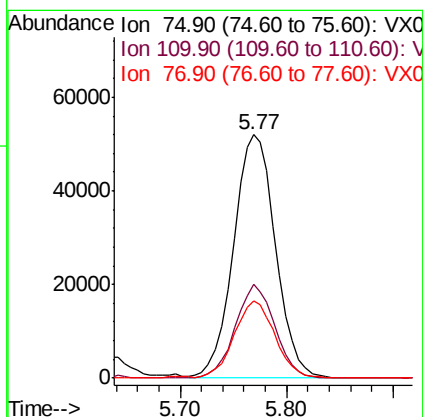
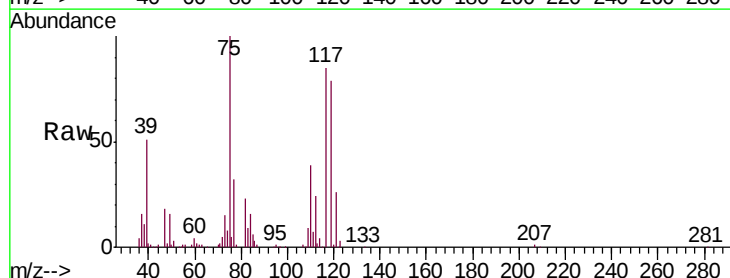
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Tgt Ion:113 Resp: 104779
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.0 124.6
 192 22.4 17.7 26.5



#36
 1,1-Dichloropropene
 Concen: 47.139 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion: 75 Resp: 142482
 Ion Ratio Lower Upper
 75 100
 110 36.7 17.4 52.3
 77 31.2 24.2 36.4

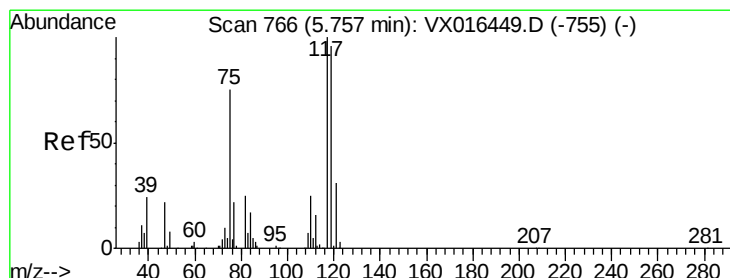
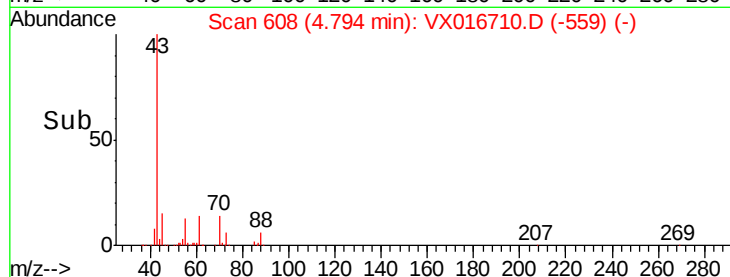
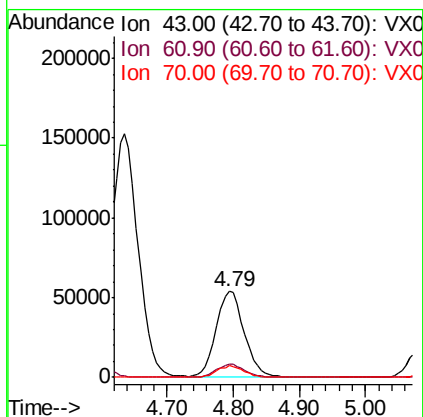
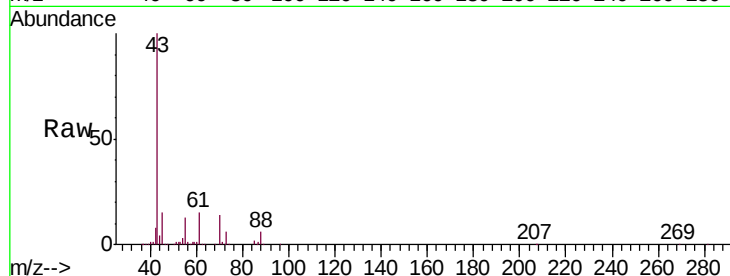




#37
Ethyl Acetate
Concen: 43.917 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

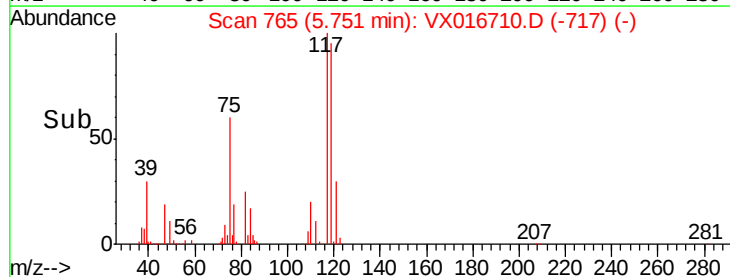
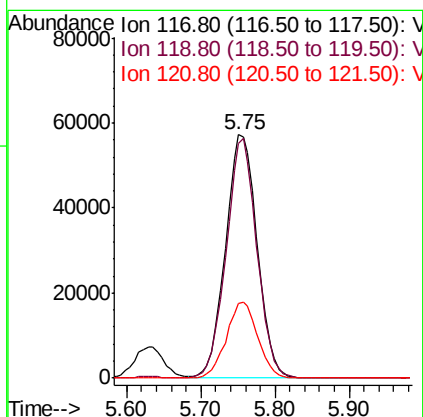
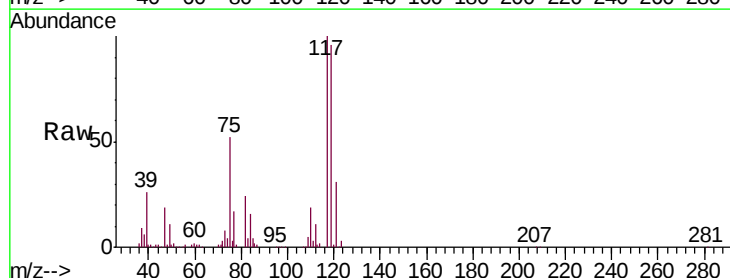
Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

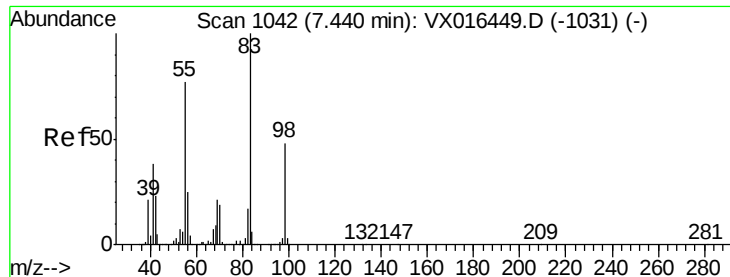
Tgt Ion: 43 Resp: 159368
Ion Ratio Lower Upper
43 100
61 15.3 11.3 16.9
70 12.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 53.518 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion: 117 Resp: 169994
Ion Ratio Lower Upper
117 100
119 96.3 76.3 114.5
121 30.7 24.6 37.0

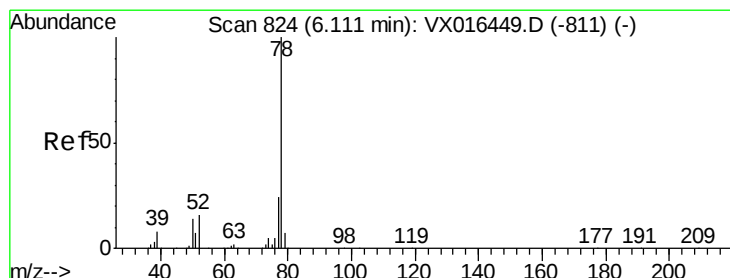
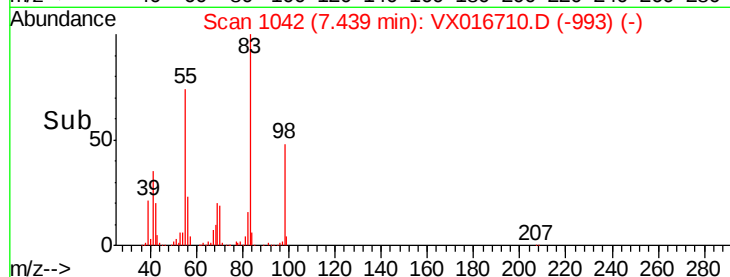
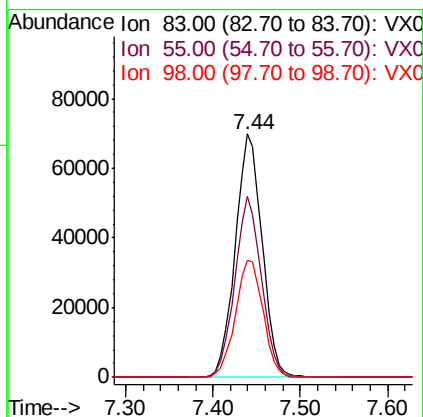
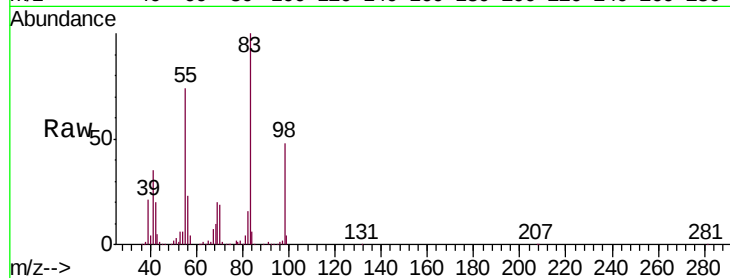




#39
Methylcyclohexane
Concen: 45.360 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

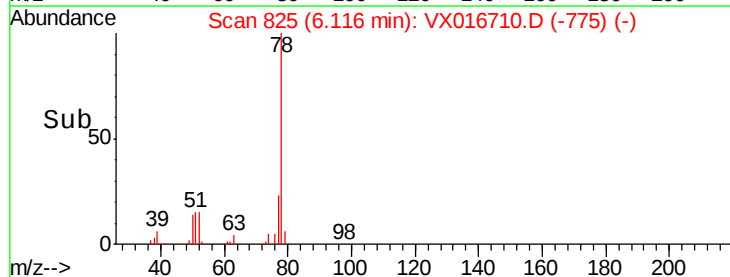
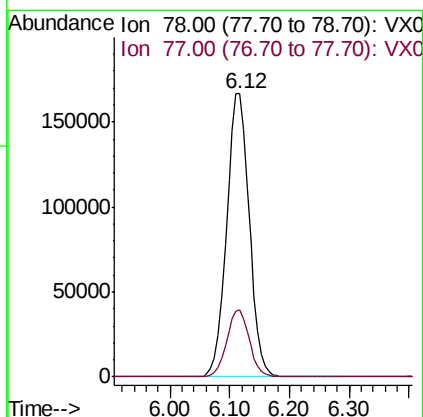
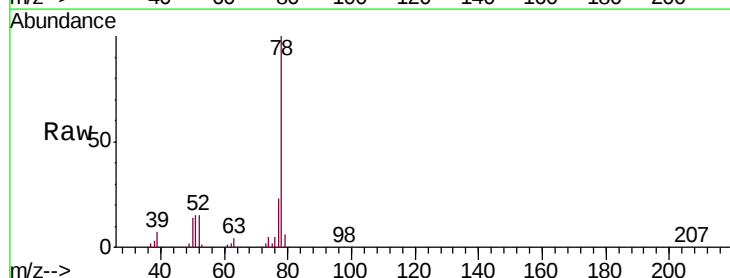
Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

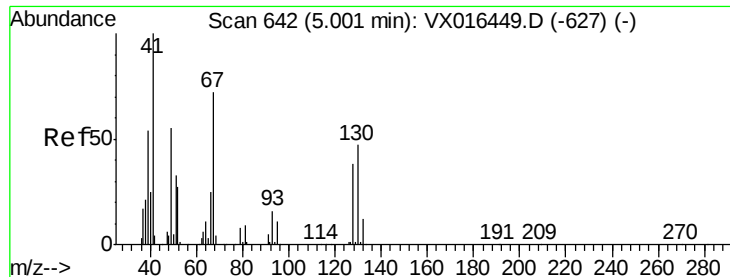
Tgt Ion: 83 Resp: 148918
Ion Ratio Lower Upper
83 100
55 74.1 61.7 92.5
98 47.9 38.7 58.1



#40
Benzene
Concen: 48.798 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion: 78 Resp: 439230
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3





#41

Methacrylonitrile

Concen: 44.589 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

Tgt Ion: 41 Resp: 88878

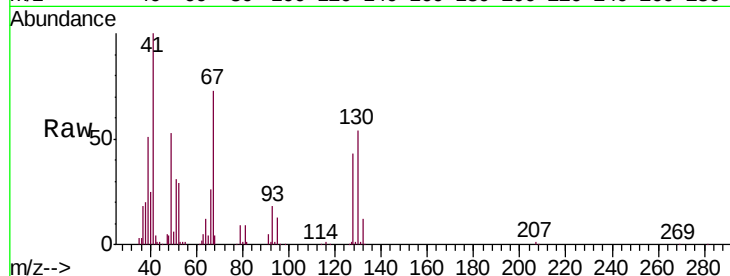
Ion Ratio Lower Upper

41 100

39 53.4 43.0 64.4

67 79.9 58.9 88.3

52 31.5 23.1 34.7

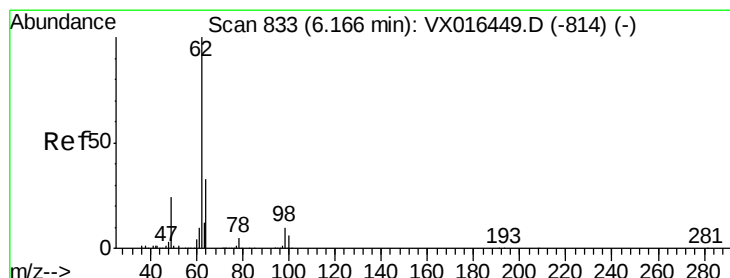
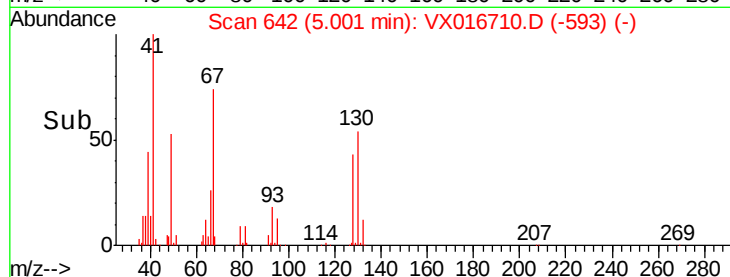
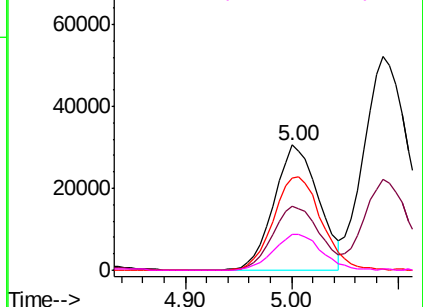


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.442 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016710.D

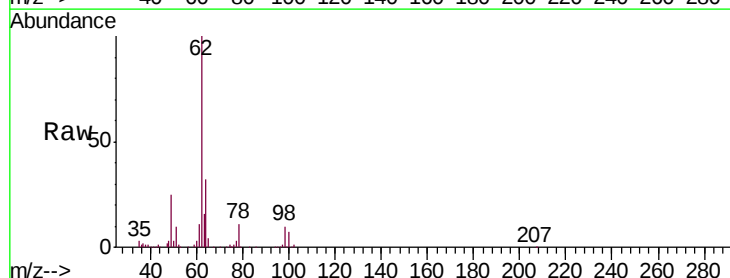
Acq: 11 Jun 2020 17:28

Tgt Ion: 62 Resp: 161464

Ion Ratio Lower Upper

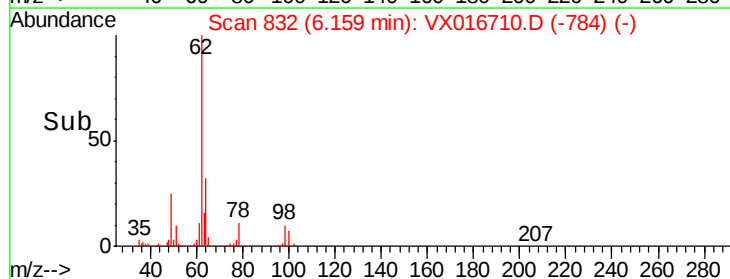
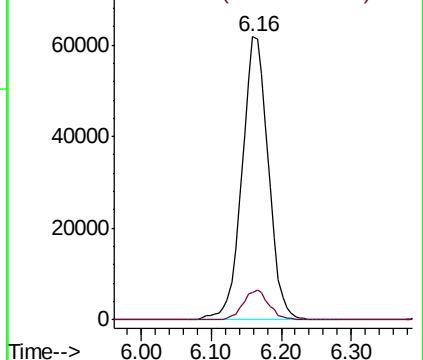
62 100

98 10.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



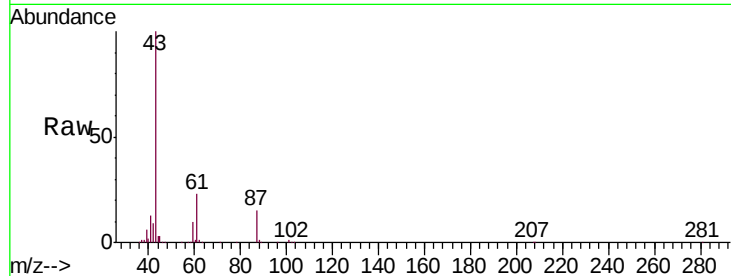


#43

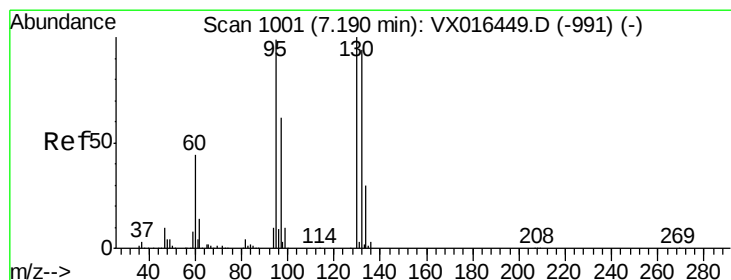
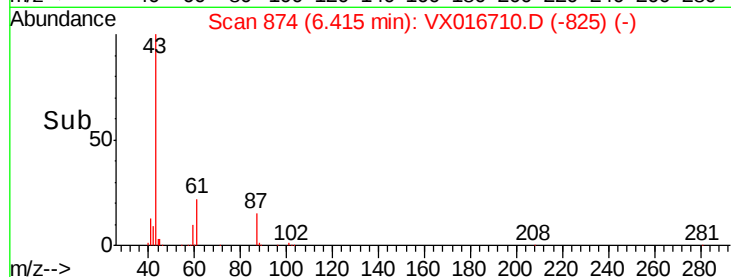
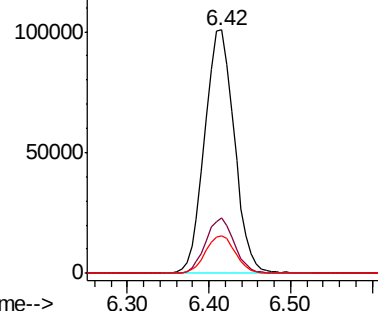
Isopropyl Acetate
 Concen: 44.708 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.1	16.8	25.2
87	15.4	11.2	16.8



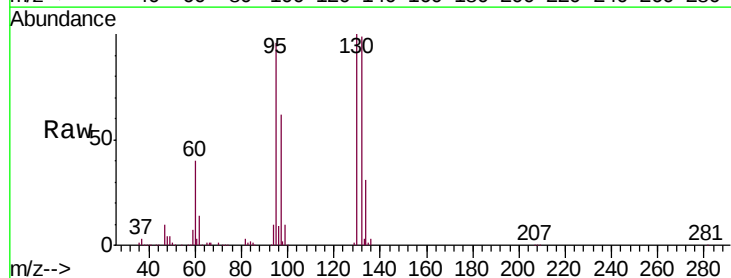
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



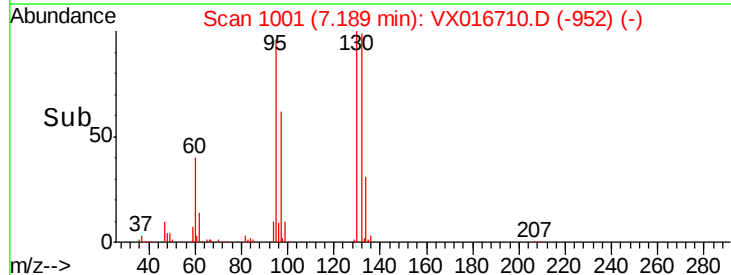
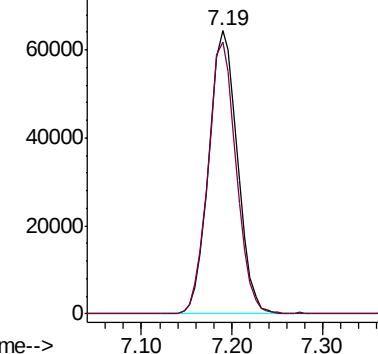
#44

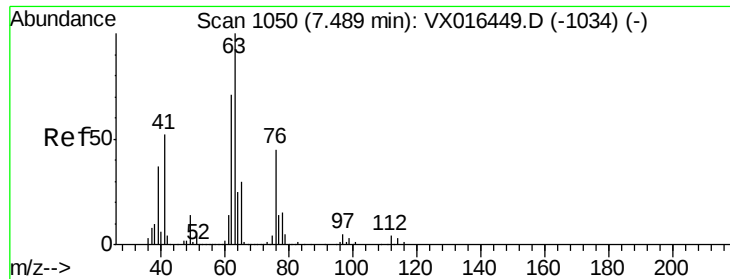
Trichloroethene
 Concen: 49.568 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	198.2



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

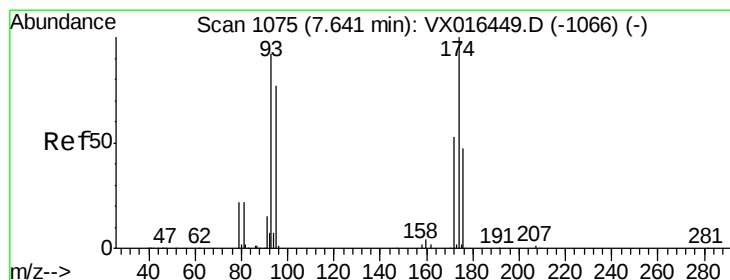
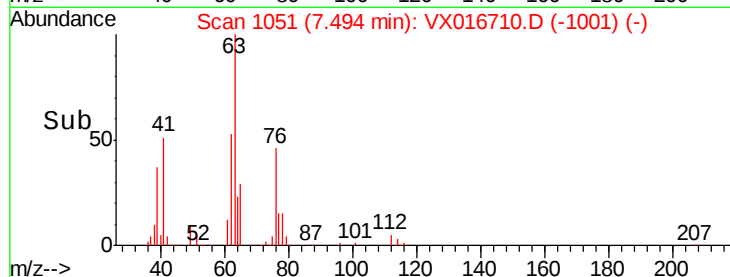
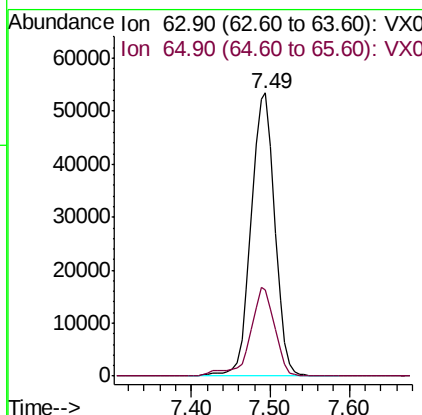
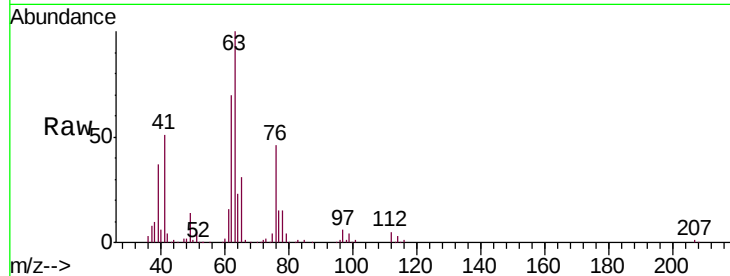




#45
 1,2-Dichloropropane
 Concen: 48.691 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

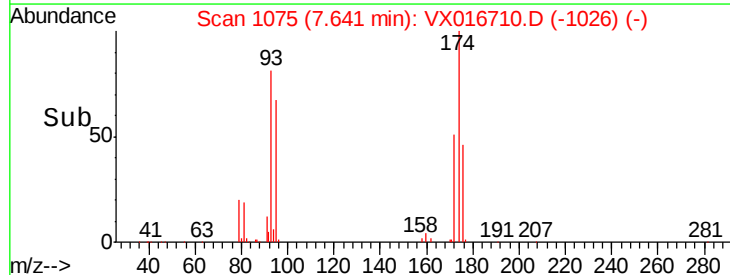
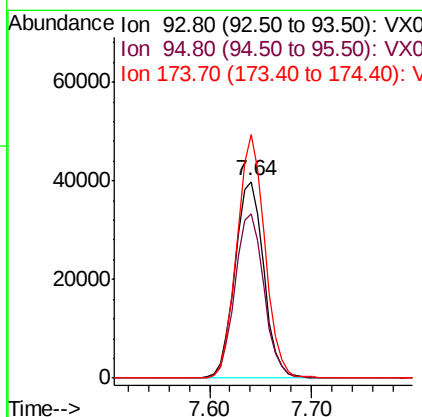
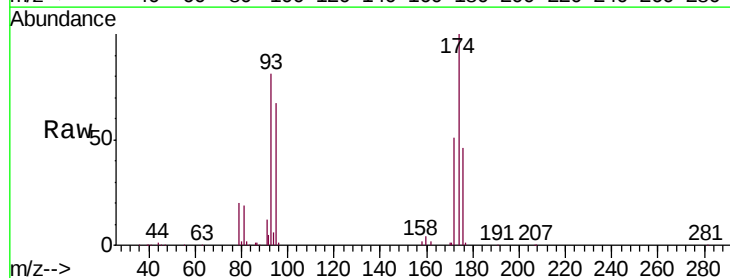
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

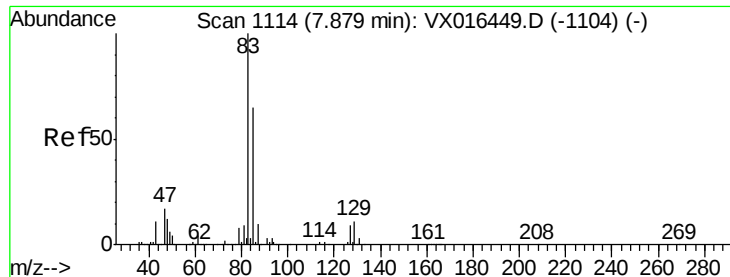
Tgt Ion: 63 Resp: 111574
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.2 36.2



#46
 Dibromomethane
 Concen: 50.668 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion: 93 Resp: 77984
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.6 100.0
 174 119.6 86.2 129.4





#47

Bromodichloromethane

Concen: 53.102 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

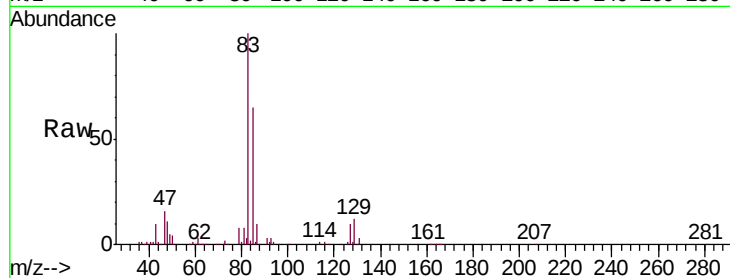
Tgt Ion: 83 Resp: 169229

Ion Ratio Lower Upper

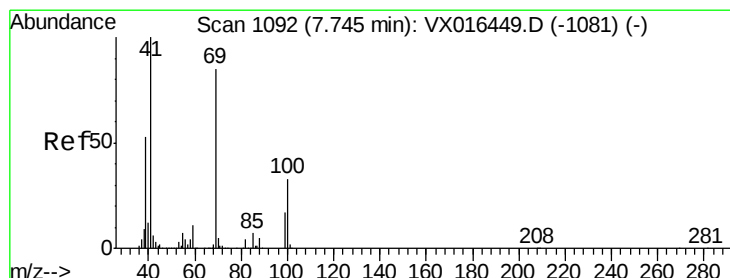
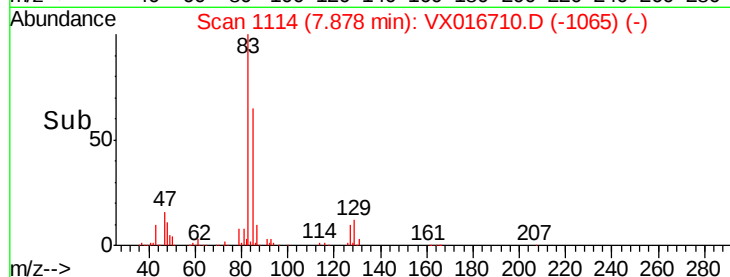
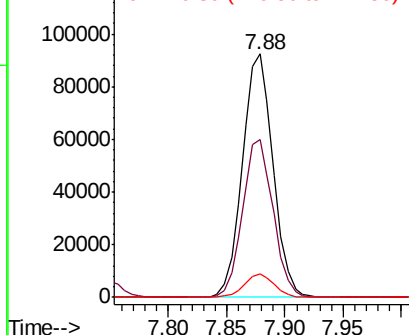
83 100

85 64.7 52.0 78.0

127 9.7 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: 45.790 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

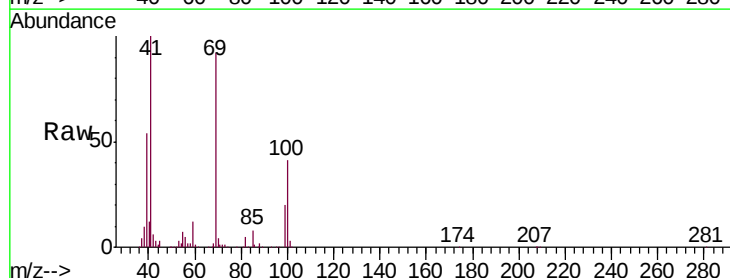
Tgt Ion: 41 Resp: 124098

Ion Ratio Lower Upper

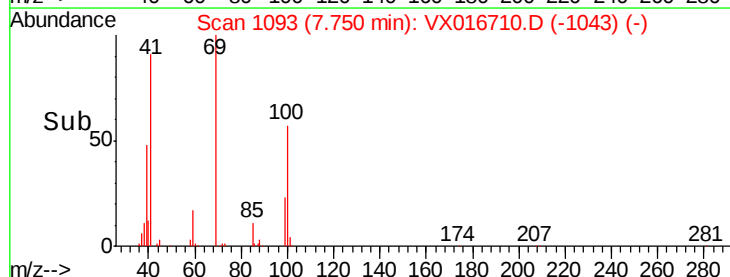
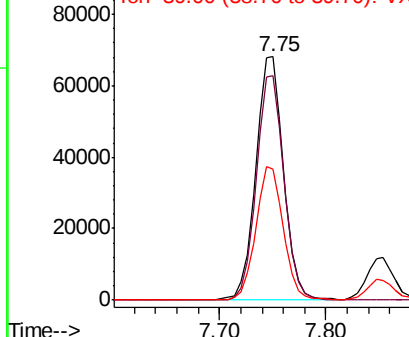
41 100

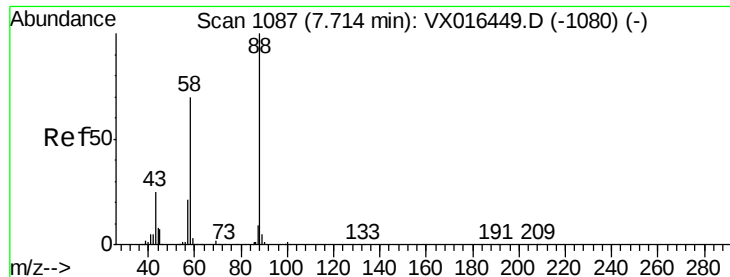
69 92.1 68.6 102.8

39 54.8 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

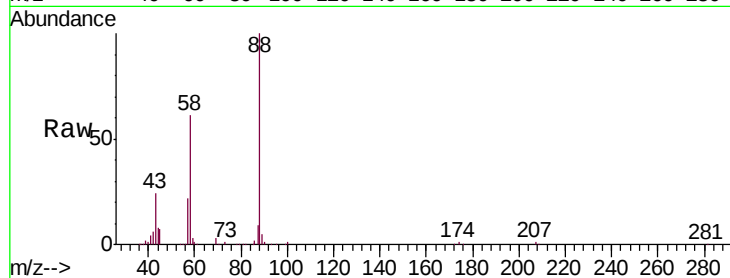




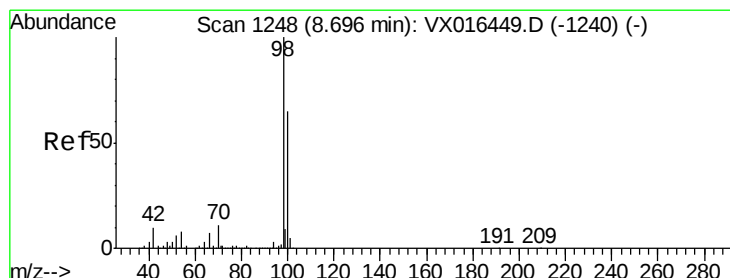
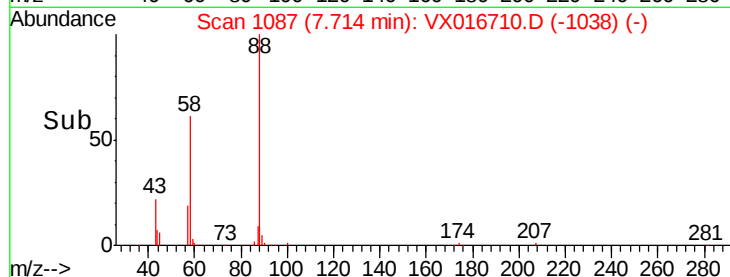
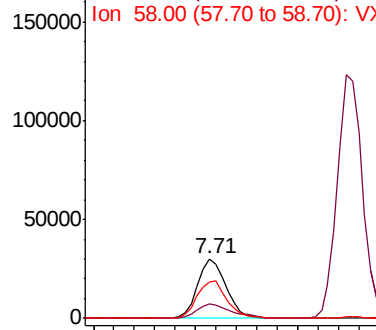
#49
 1,4-Dioxane
 Concen: 910.085 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Tgt Ion: 88 Resp: 57722
 Ion Ratio Lower Upper
 88 100
 43 30.5 24.2 36.4
 58 66.6 56.5 84.7

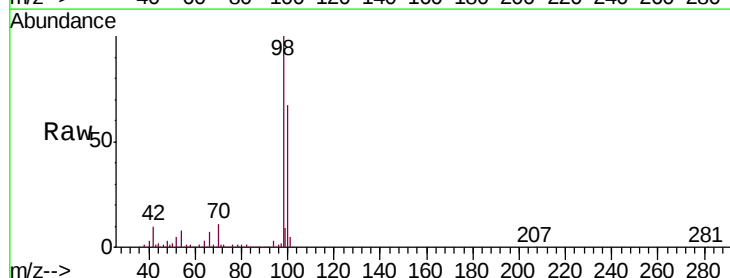


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

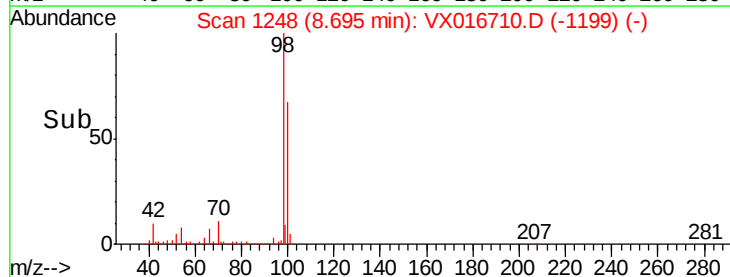
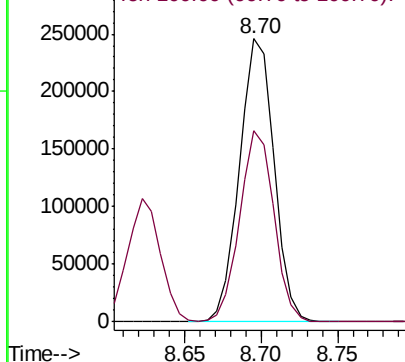


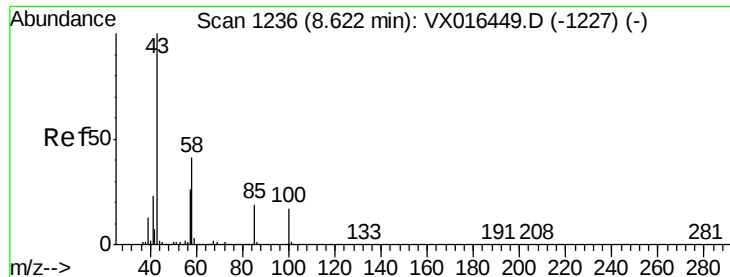
#50
 Toluene-d8
 Concen: 50.563 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion: 98 Resp: 386850
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 235.060 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

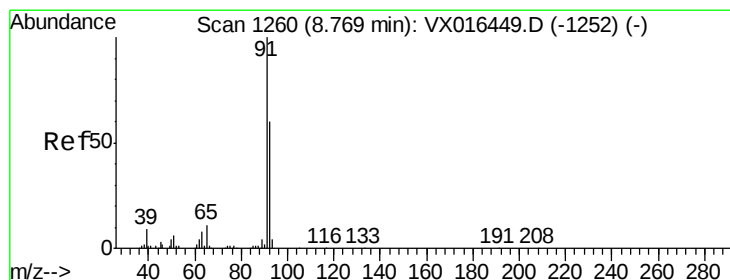
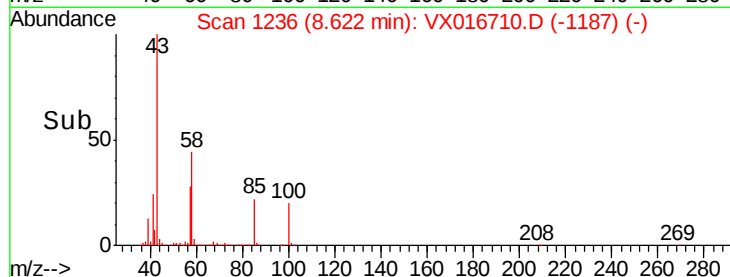
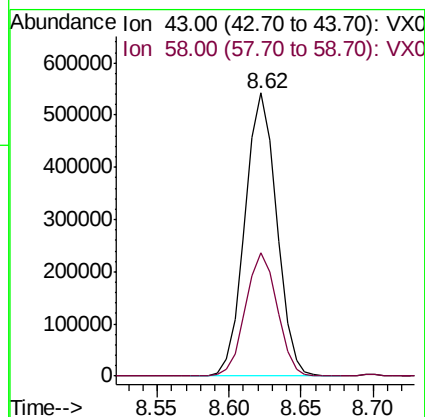
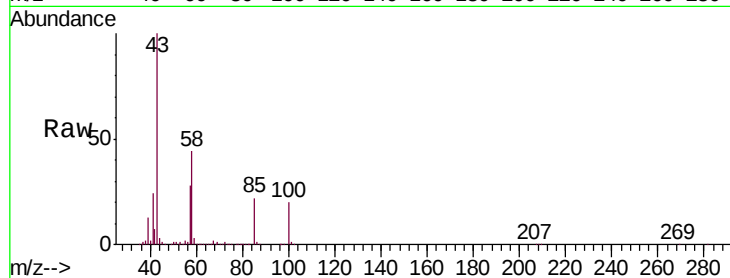
LF014RW131-200608MSD

Tgt Ion: 43 Resp: 828462

Ion Ratio Lower Upper

43 100

58 43.4 33.0 49.6



#52

Toluene

Concen: 50.594 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016710.D

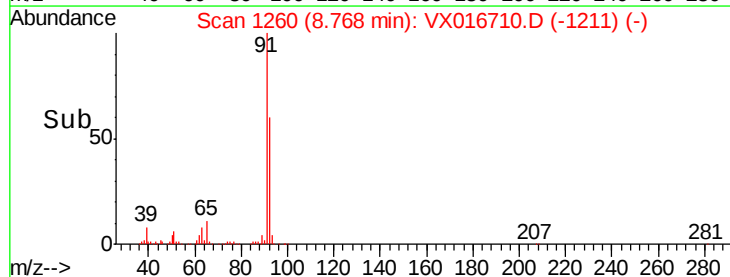
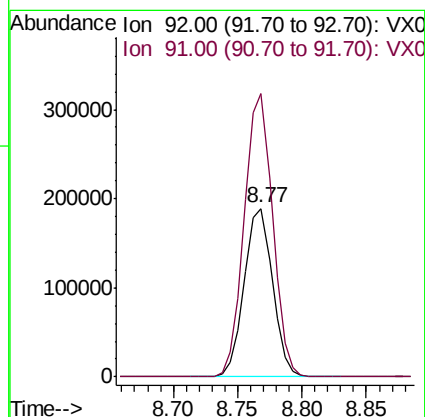
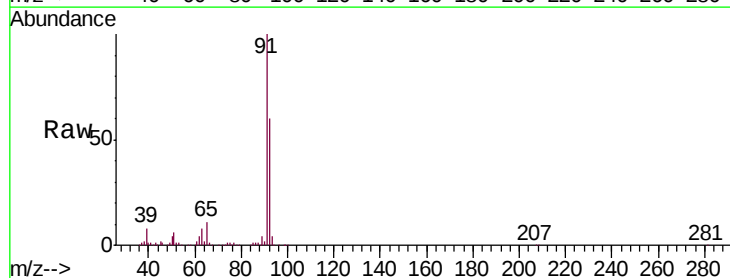
Acq: 11 Jun 2020 17:28

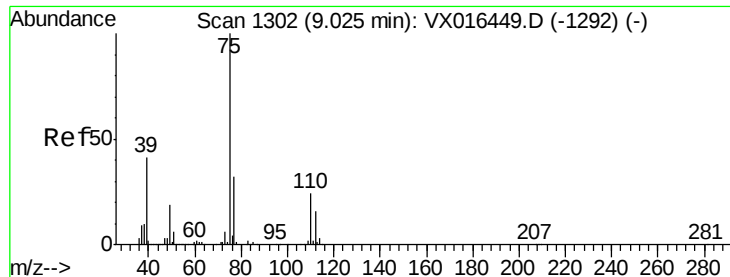
Tgt Ion: 92 Resp: 287173

Ion Ratio Lower Upper

92 100

91 168.3 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 51.758 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

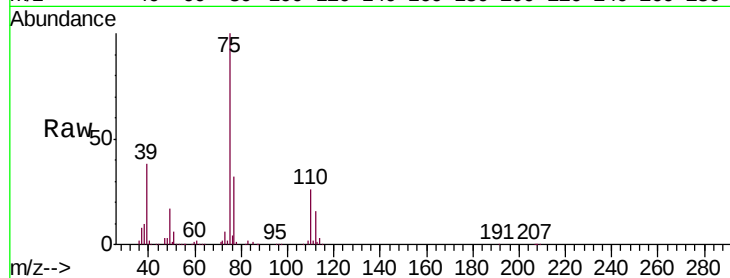
LF014RW131-200608MSD

Tgt Ion: 75 Resp: 187558

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

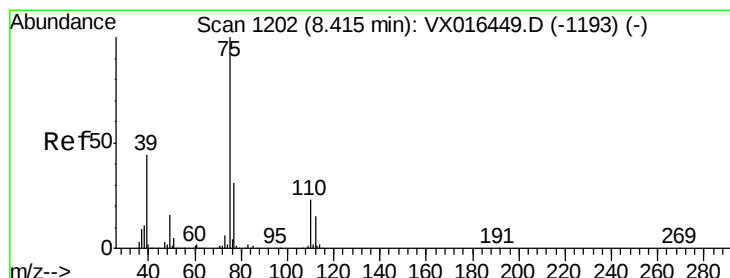
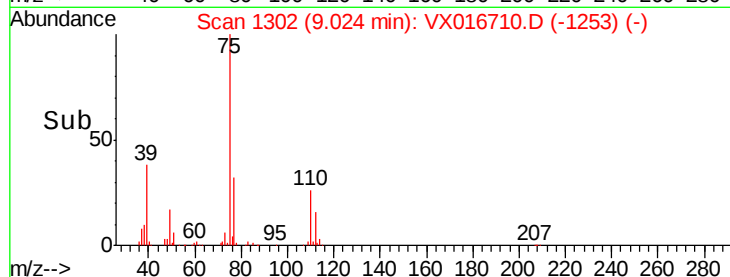
150000

100000

50000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 49.357 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

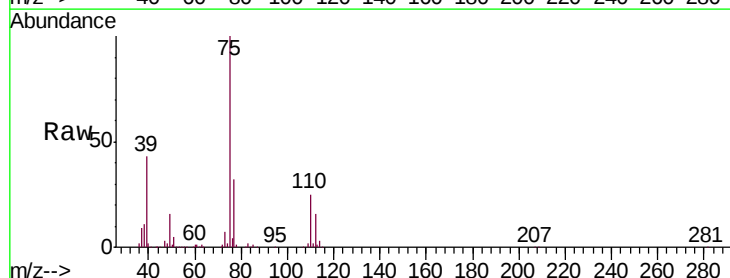
Tgt Ion: 75 Resp: 189316

Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 42.7 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

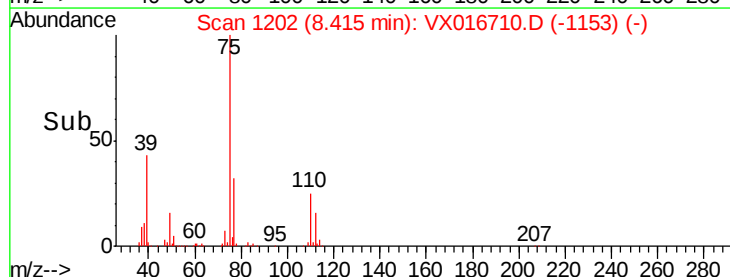
150000

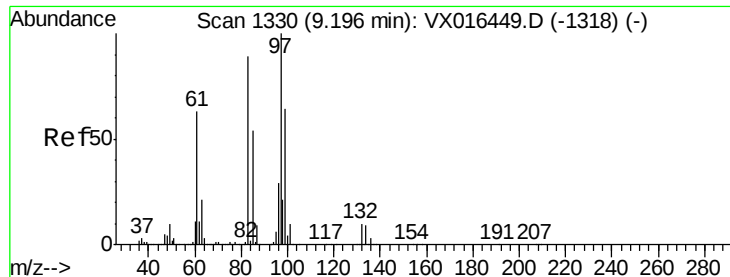
100000

50000

0

Time--> 8.35 8.40 8.45 8.50

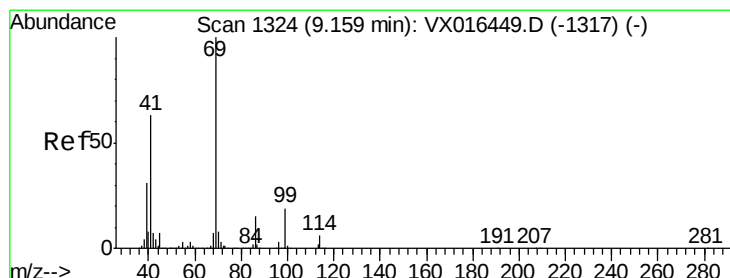
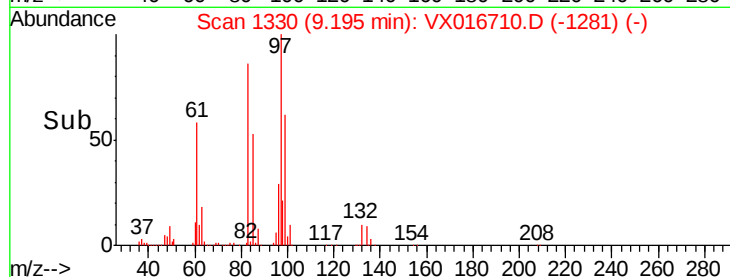
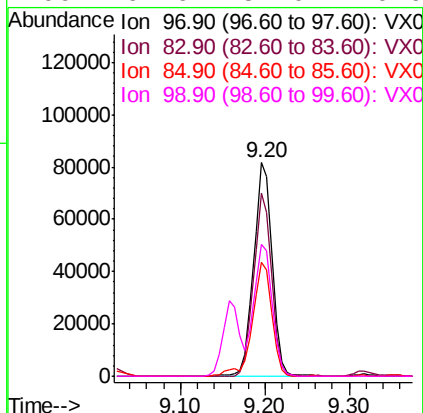
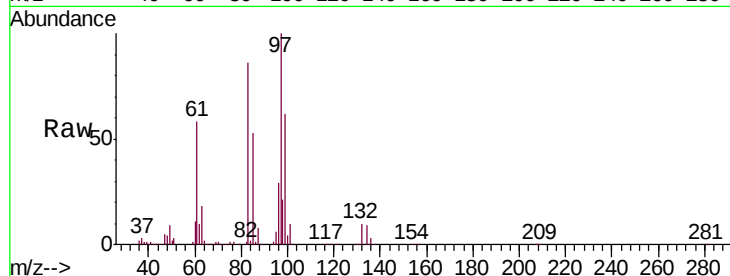




#55
 1,1,2-Trichloroethane
 Concen: 53.668 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

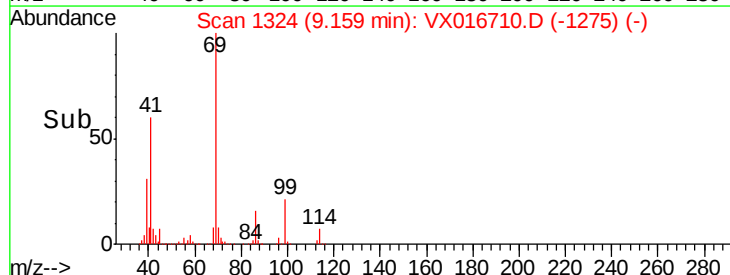
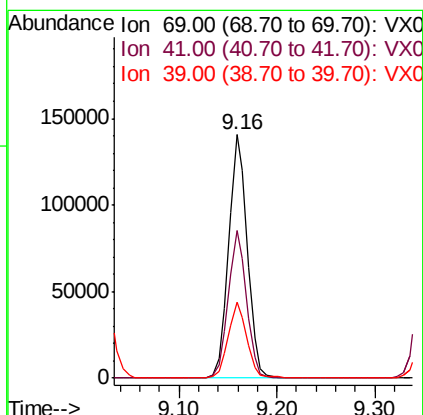
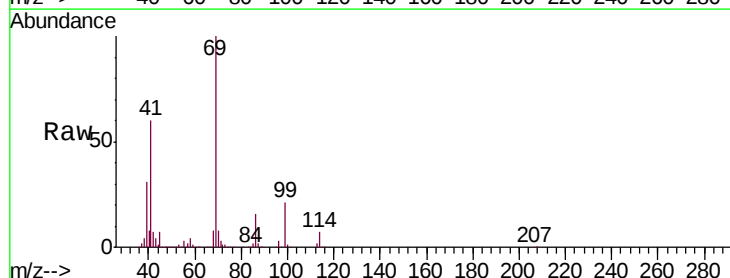
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Tgt Ion:	97	Resp:	121117
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.9	106.3
85	53.1	43.4	65.2
99	61.6	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 50.715 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion:	69	Resp:	186399
Ion	Ratio	Lower	Upper
69	100		
41	59.3	50.7	76.1
39	31.0	25.8	38.6





#57

1,3-Dichloropropane

Concen: 51.492 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

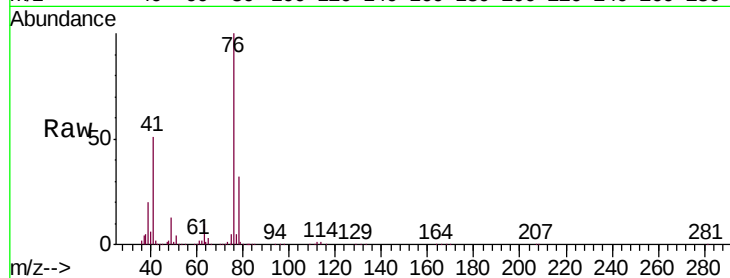
LF014RW131-200608MSD

Tgt Ion: 76 Resp: 199461

Ion Ratio Lower Upper

76 100

78 32.1 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

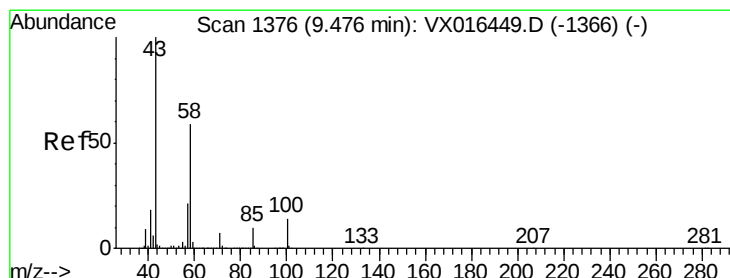
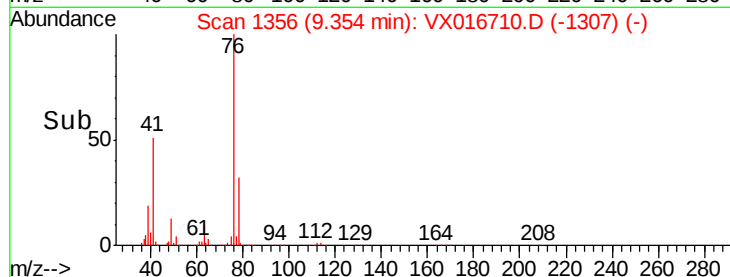
100000

50000

0

9.30 9.35 9.40

Time-->



#59

2-Hexanone

Concen: 236.429 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016710.D

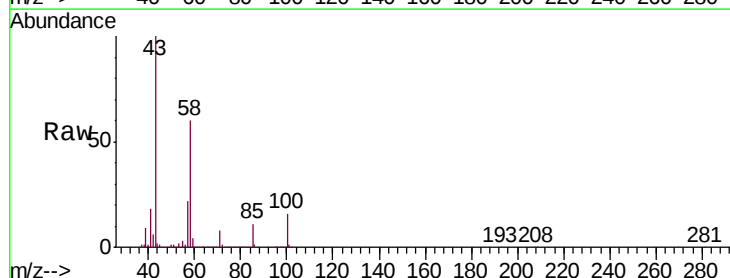
Acq: 11 Jun 2020 17:28

Tgt Ion: 43 Resp: 648013

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

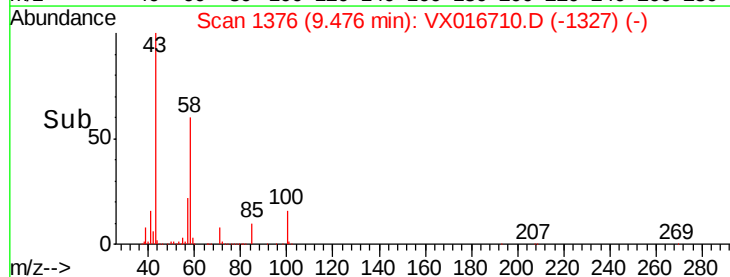
200000

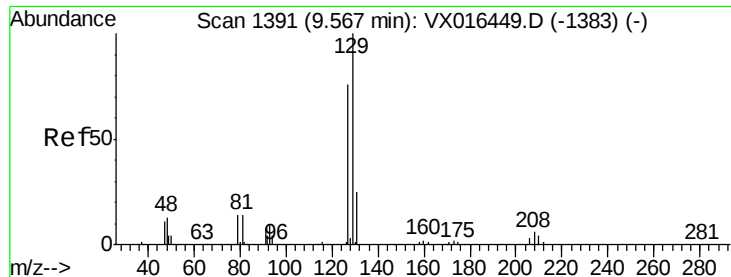
100000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 56.659 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

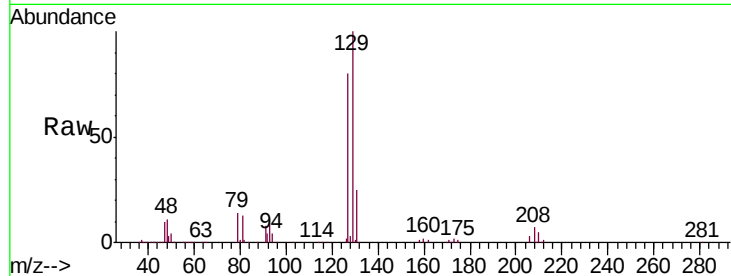
LF014RW131-200608MSD

Tgt Ion:129 Resp: 143897

Ion Ratio Lower Upper

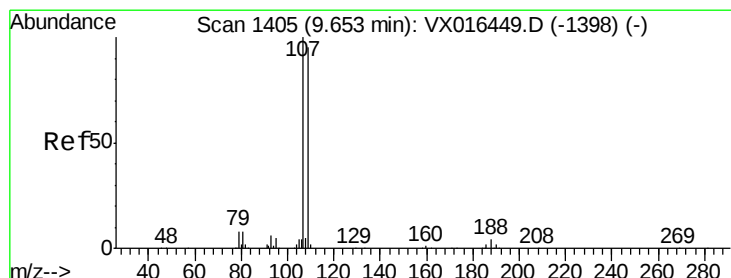
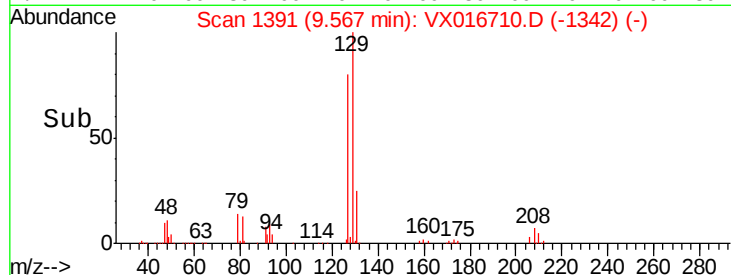
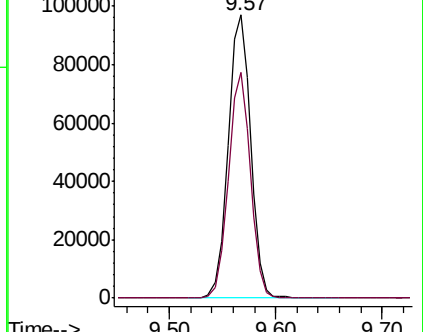
129 100

127 77.6 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.630 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016710.D

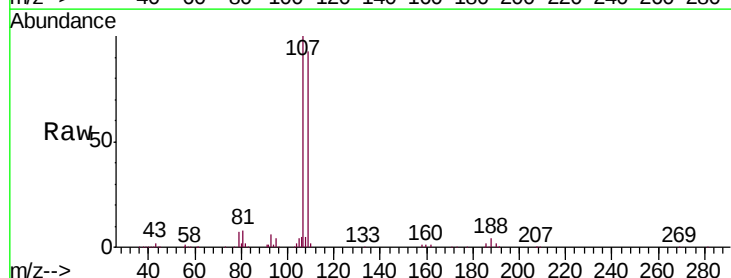
Acq: 11 Jun 2020 17:28

Tgt Ion:107 Resp: 129607

Ion Ratio Lower Upper

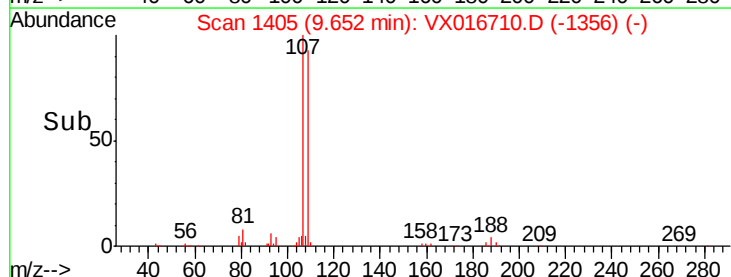
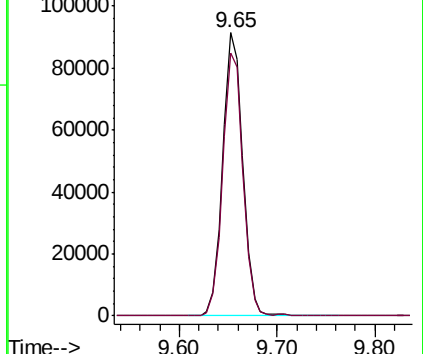
107 100

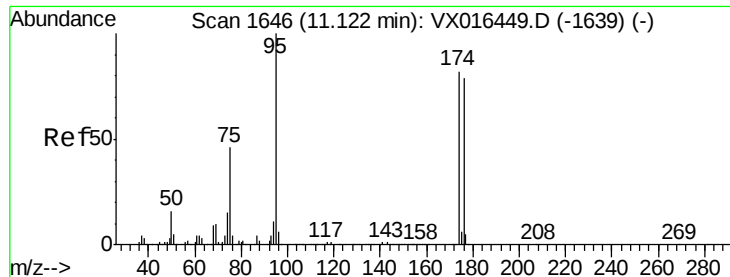
109 93.9 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

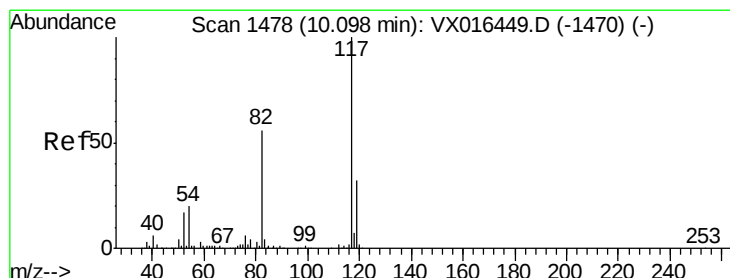
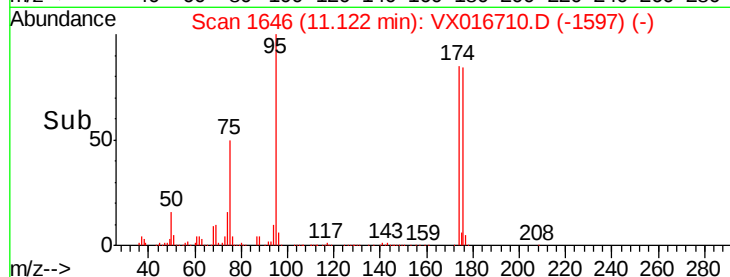
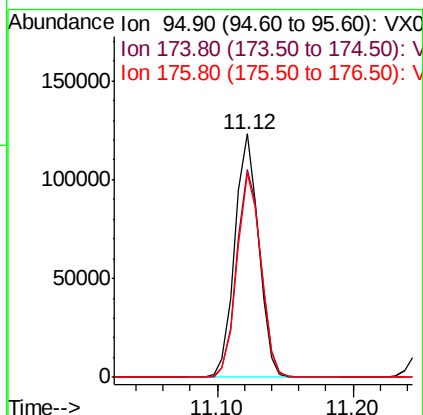
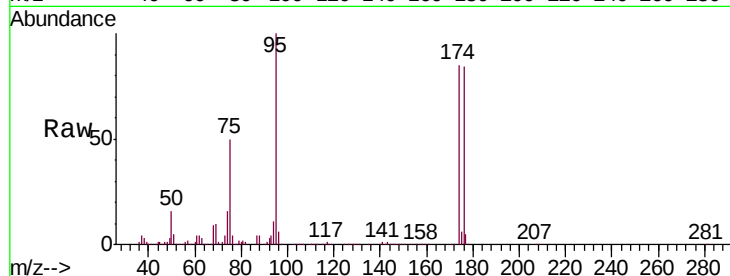




#62
4-Bromofluorobenzene
Concen: 50.698 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

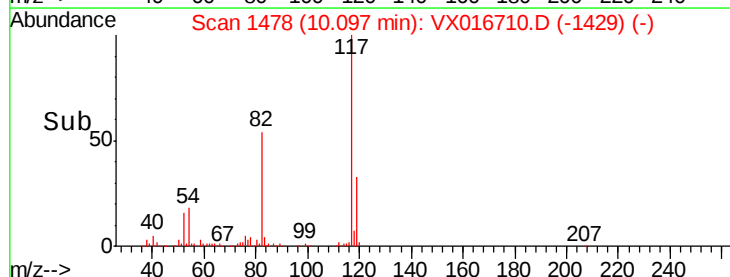
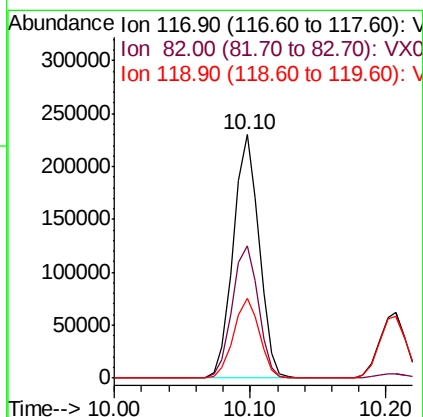
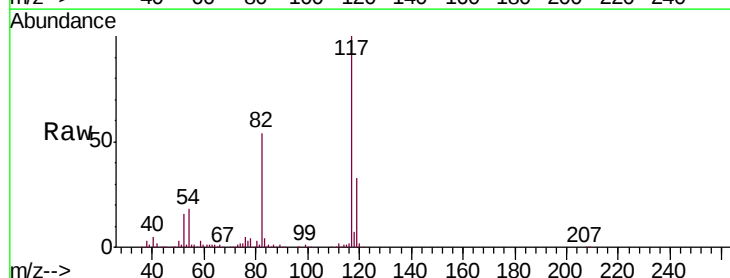
Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

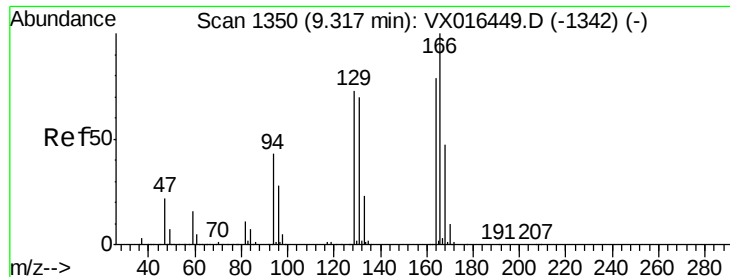
Tgt Ion: 95 Resp: 149876
Ion Ratio Lower Upper
95 100
174 86.7 0.0 163.0
176 84.4 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion: 117 Resp: 304263
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.6
119 32.6 25.8 38.8

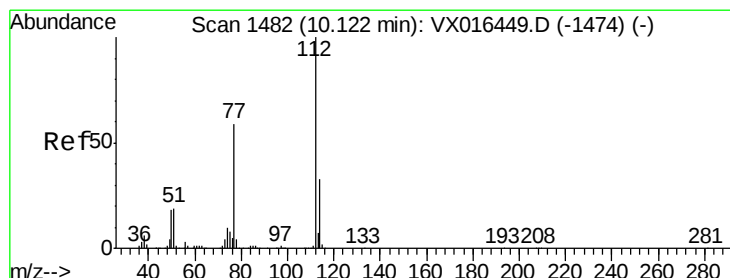
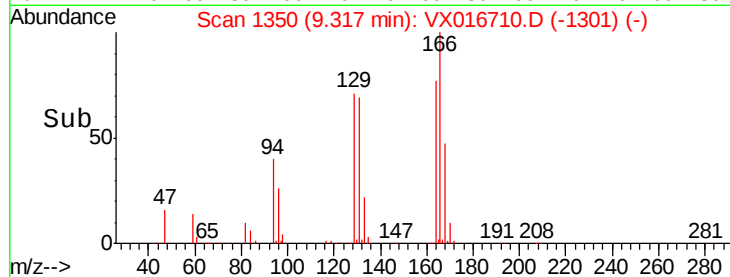
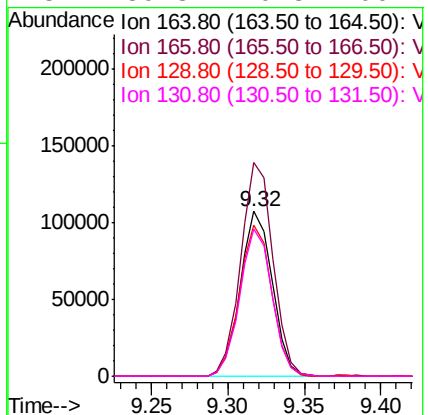
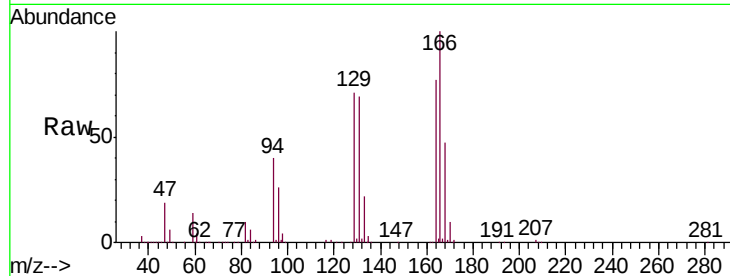




#64
Tetrachloroethene
Concen: 46.001 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

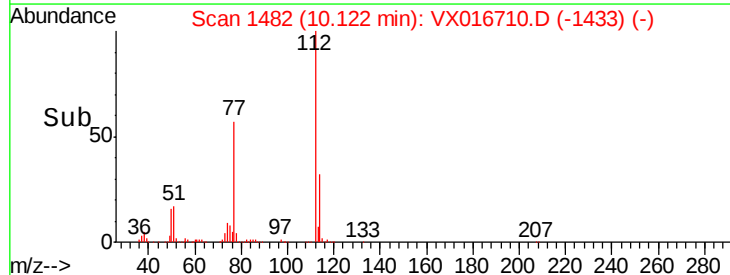
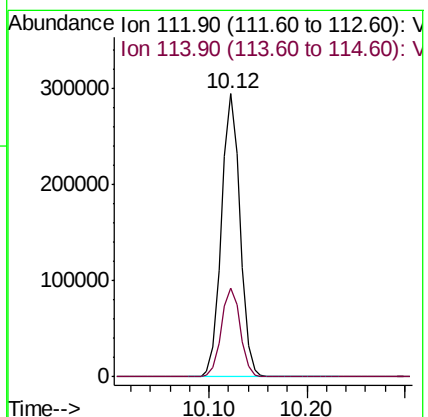
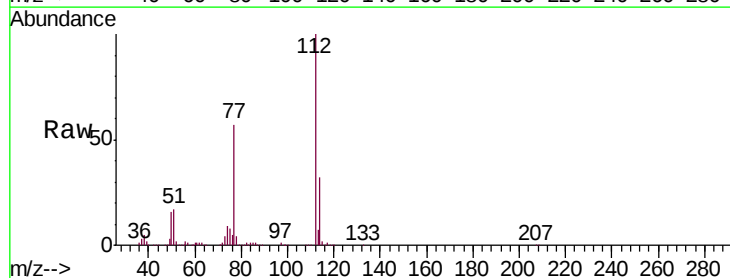
Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

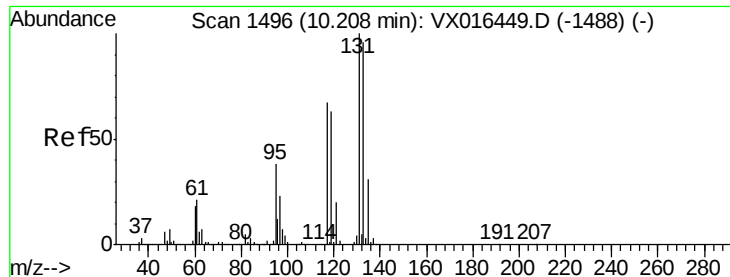
Tgt Ion:164 Resp: 156591
Ion Ratio Lower Upper
164 100
166 129.8 100.9 151.3
129 91.7 73.2 109.8
131 89.3 70.8 106.2



#65
Chlorobenzene
Concen: 62.904 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion:112 Resp: 390201
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 54.972 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

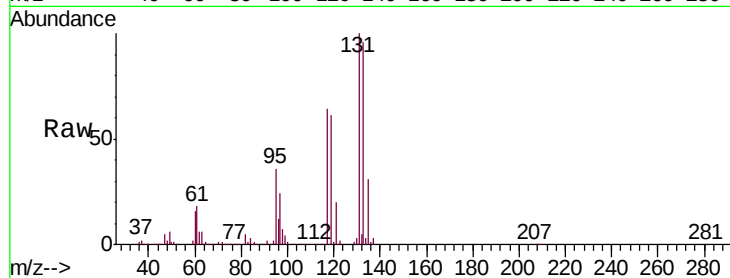
Tgt Ion: 131 Resp: 130167

Ion Ratio Lower Upper

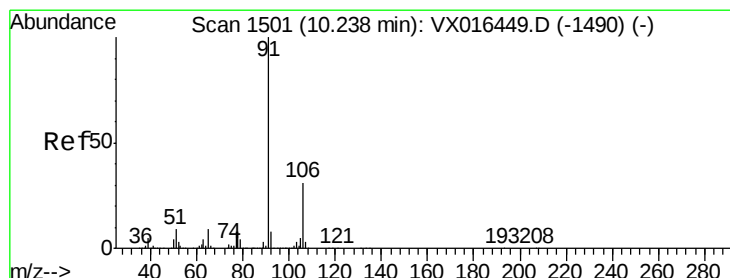
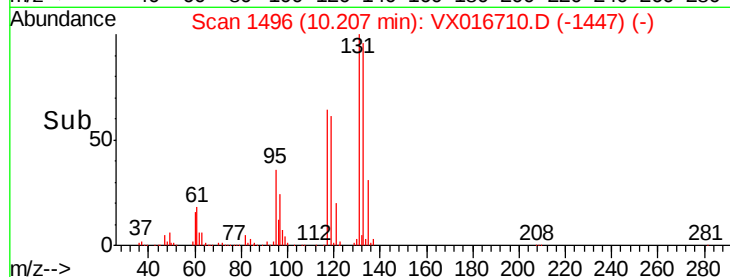
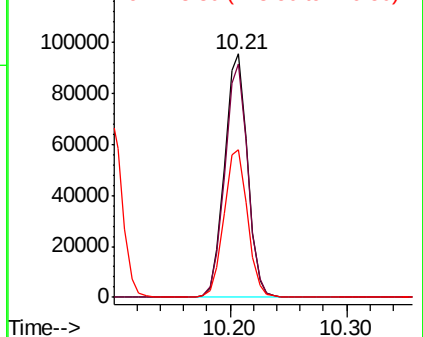
131 100

133 95.8 48.4 145.3

119 62.4 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: 49.737 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016710.D

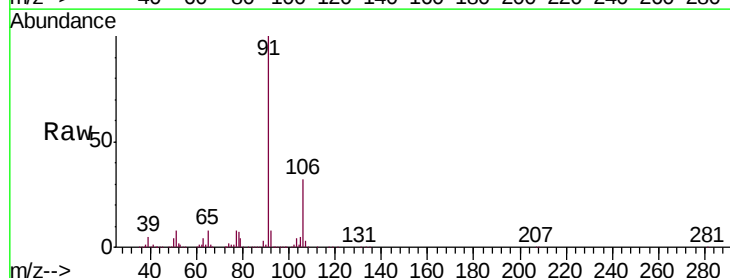
Acq: 11 Jun 2020 17:28

Tgt Ion: 91 Resp: 549297

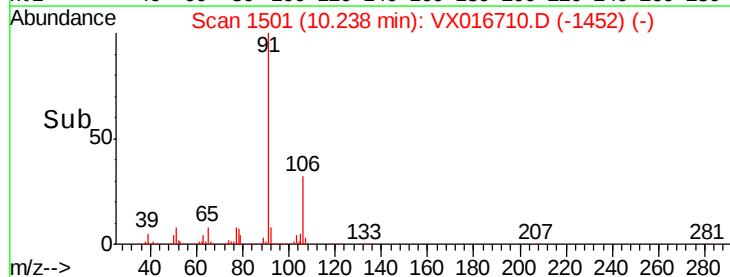
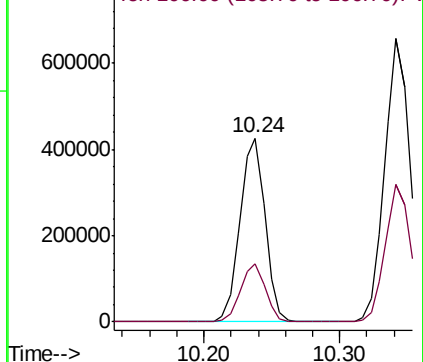
Ion Ratio Lower Upper

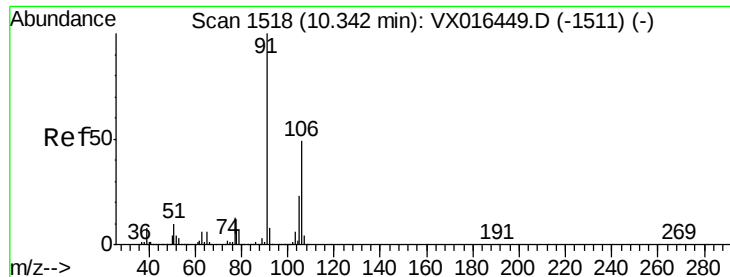
91 100

106 31.8 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

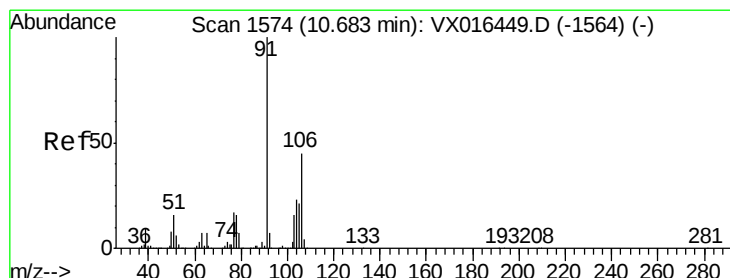
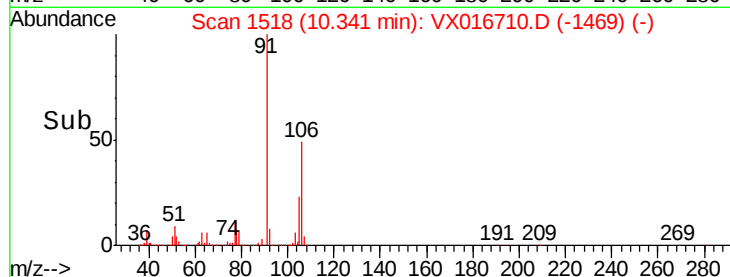
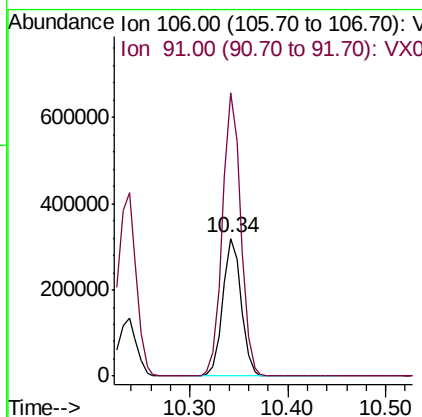
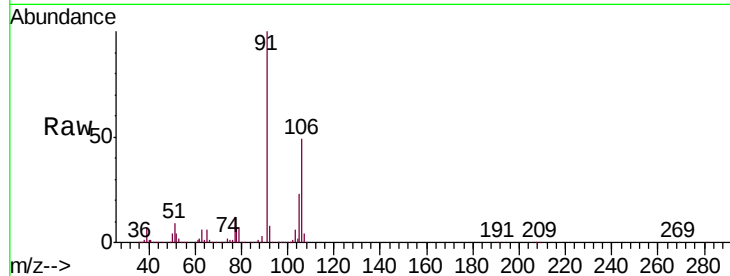




#68
m/p-Xylenes
Concen: 101.867 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

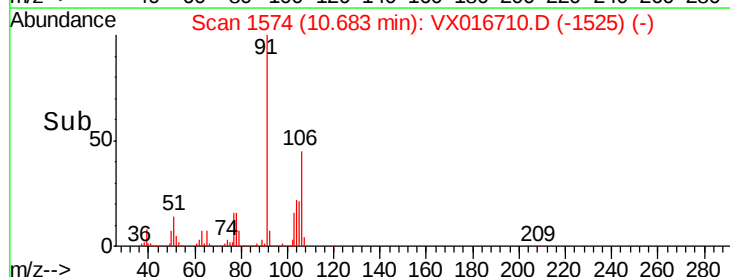
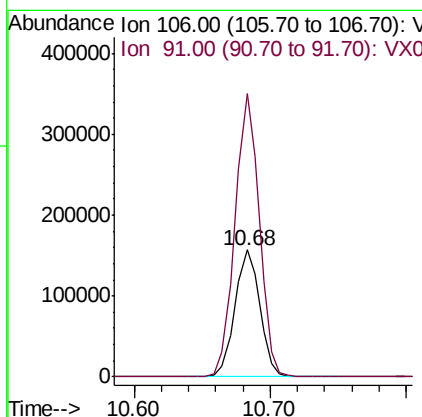
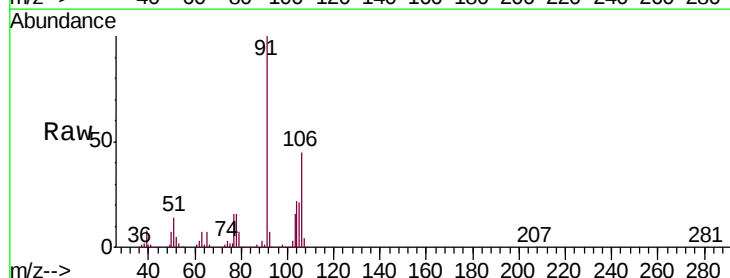
Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

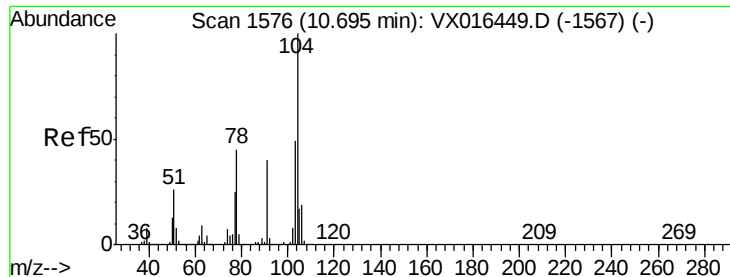
Tgt Ion:106 Resp: 417131
Ion Ratio Lower Upper
106 100
91 205.1 163.8 245.8



#69
o-Xylene
Concen: 50.376 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion:106 Resp: 199773
Ion Ratio Lower Upper
106 100
91 217.7 109.6 328.8





#70

Styrene

Concen: 52.873 ug/l

RT: 10.69 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

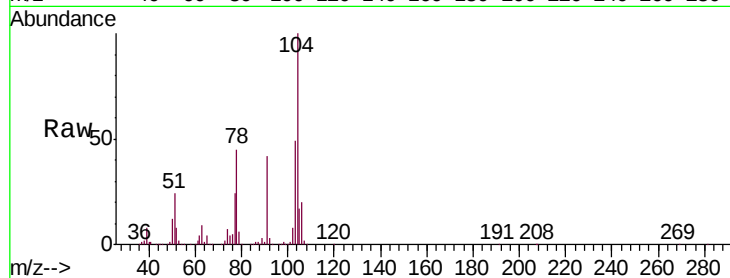
Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

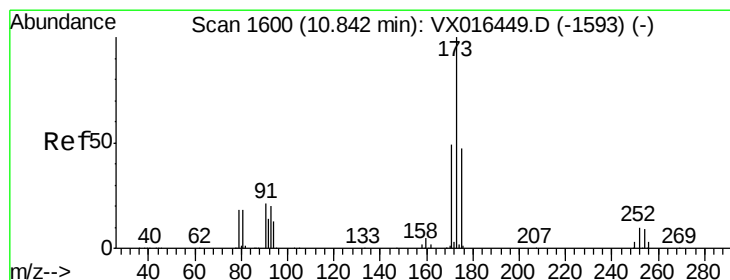
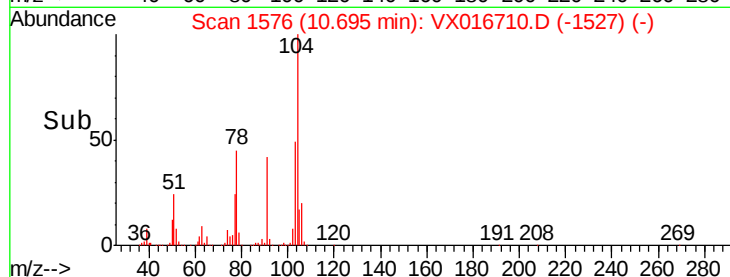
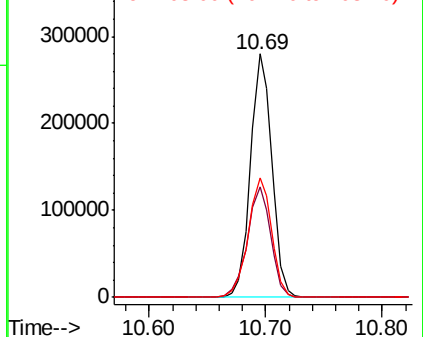
Tgt Ion:	104	Resp:	360407
Ion	Ratio	Lower	Upper
104	100		
78	49.5	40.2	60.2
103	53.6	43.1	64.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 56.744 ug/l

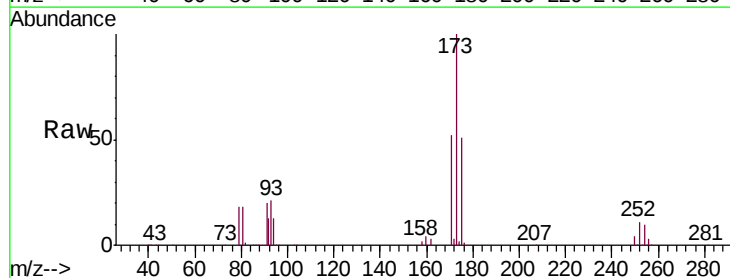
RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

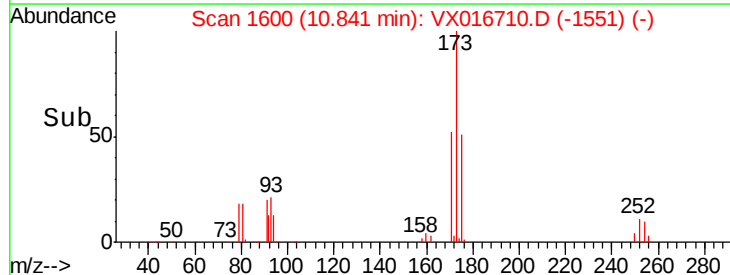
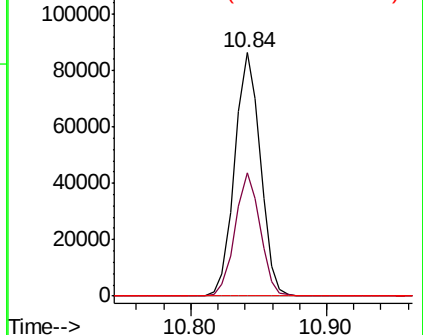
Tgt Ion:	173	Resp:	113555
Ion	Ratio	Lower	Upper
173	100		
175	49.3	23.9	71.7
254	0.1	0.1	0.1#

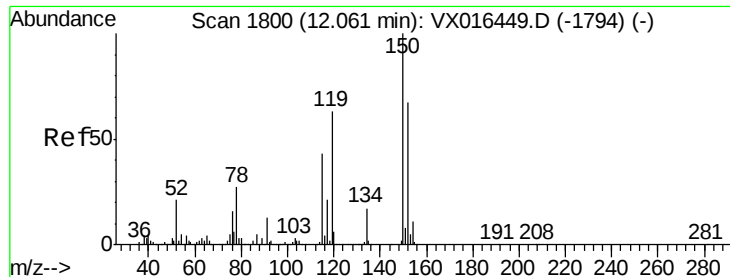


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

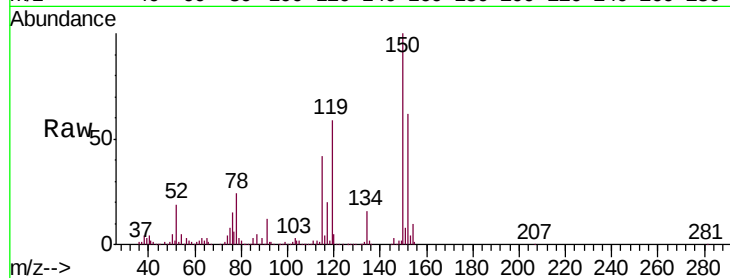
Tgt Ion:152 Resp: 160199

Ion Ratio Lower Upper

152 100

115 80.6 39.9 119.6

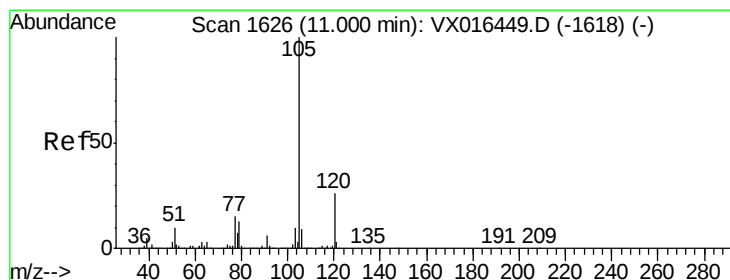
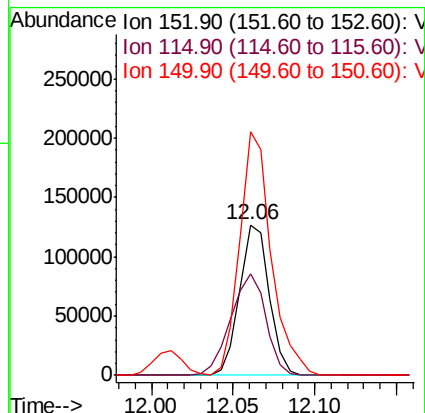
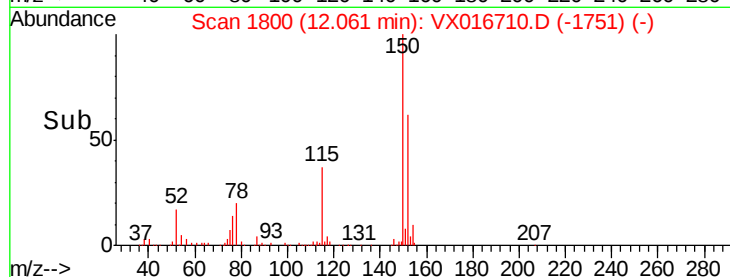
150 172.9 0.0 341.0



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: 48.769 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016710.D

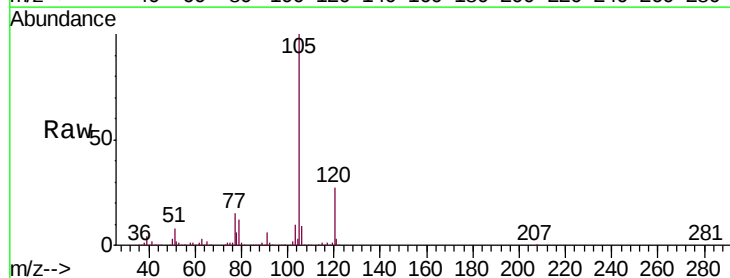
Acq: 11 Jun 2020 17:28

Tgt Ion:105 Resp: 541331

Ion Ratio Lower Upper

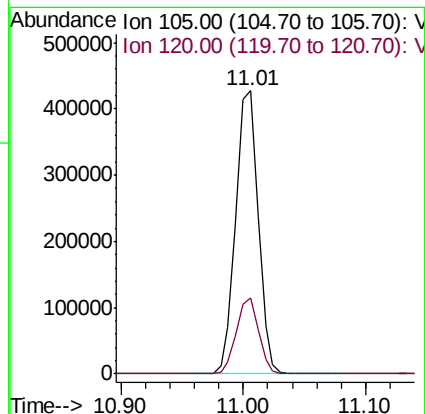
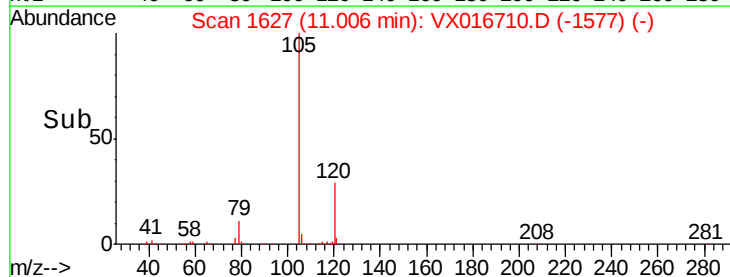
105 100

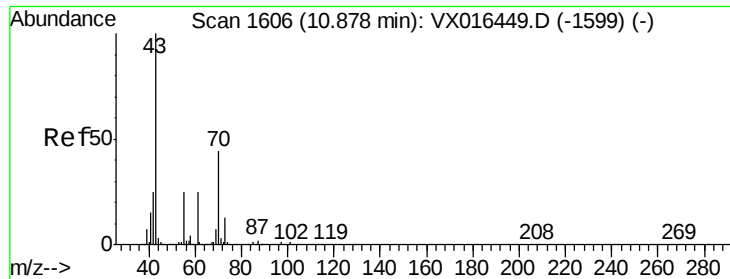
120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 41.694 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

Tgt Ion: 43 Resp: 212873

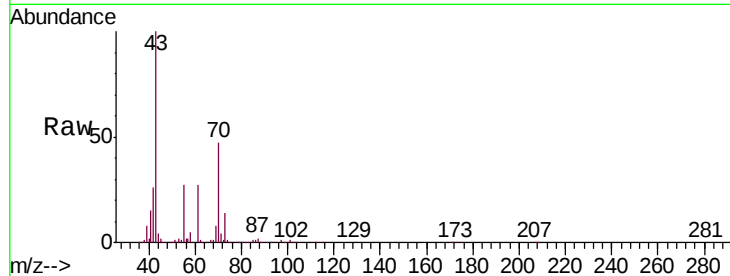
Ion Ratio Lower Upper

43 100

70 48.4 36.1 54.1

55 27.0 20.2 30.4

61 26.9 20.3 30.5

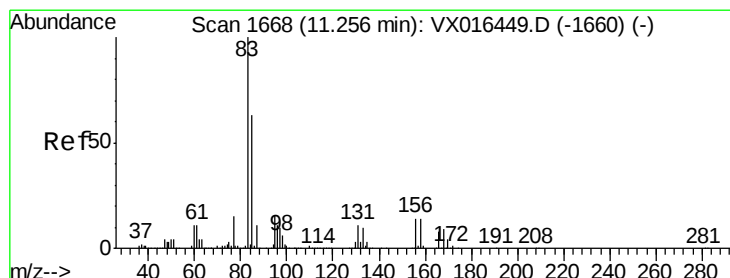
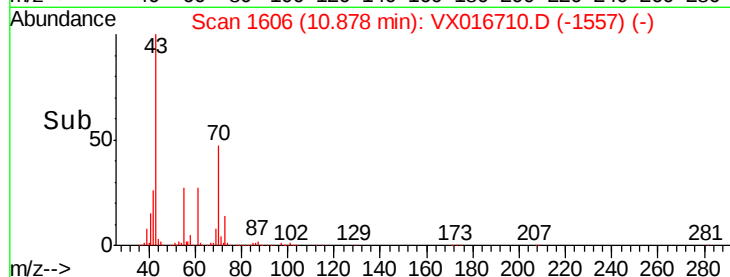
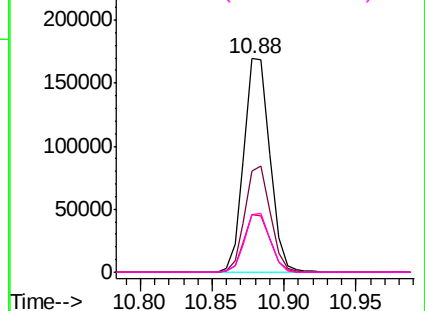


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.976 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

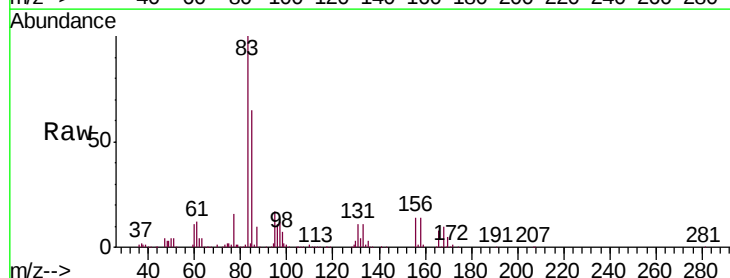
Tgt Ion: 83 Resp: 152934

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.3

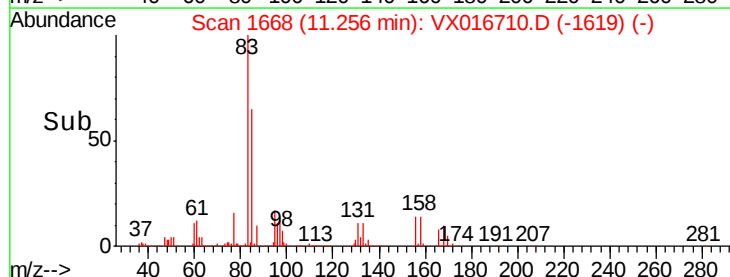
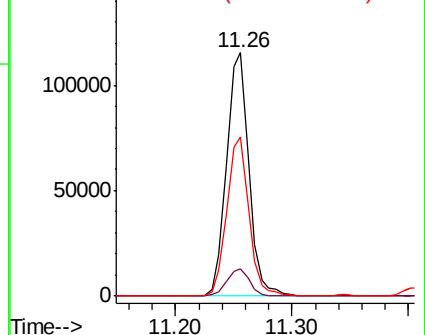
85 65.1 32.0 96.2

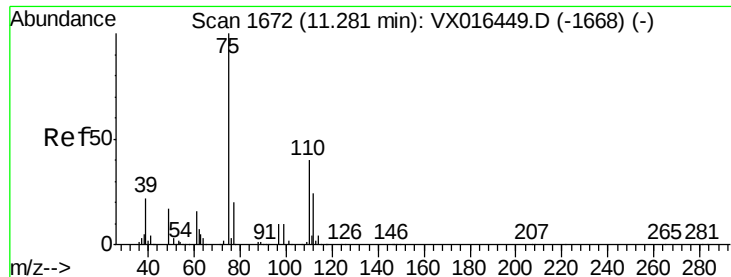


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 62.701 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

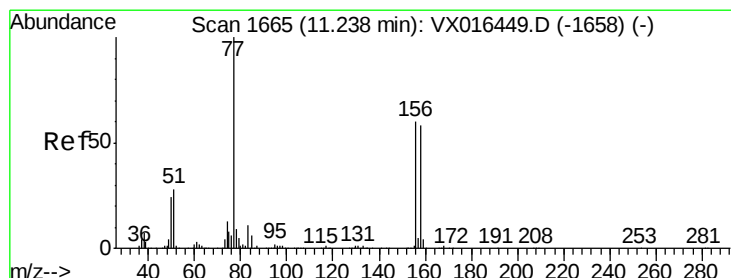
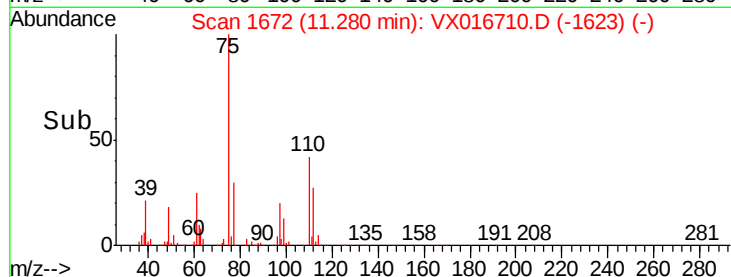
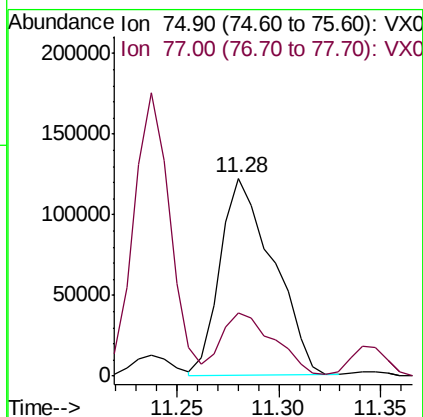
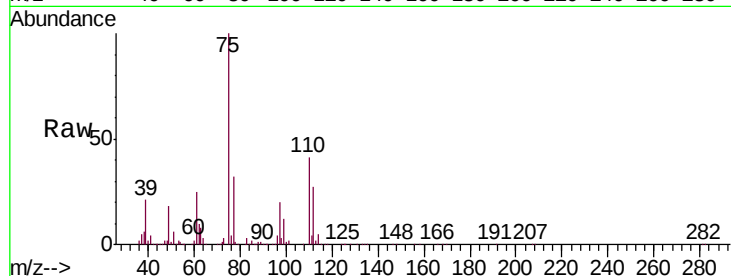
LF014RW131-200608MSD

Tgt Ion: 75 Resp: 220785

Ion Ratio Lower Upper

75 100

77 32.3 21.3 63.7



#77

Bromobenzene

Concen: 50.106 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

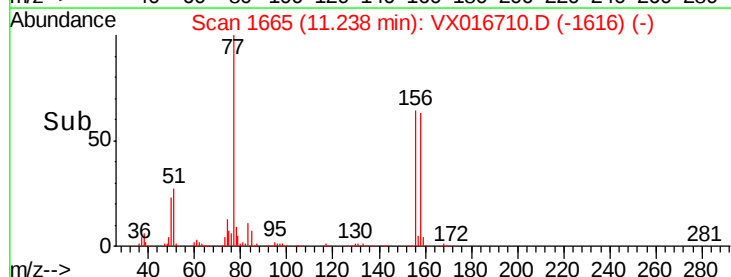
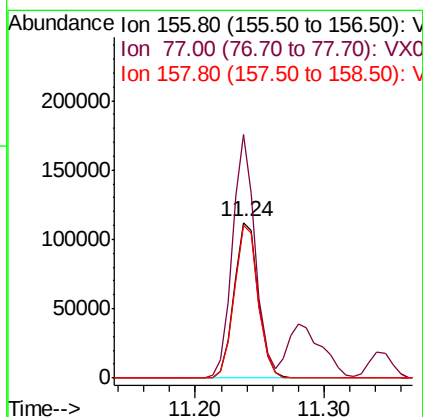
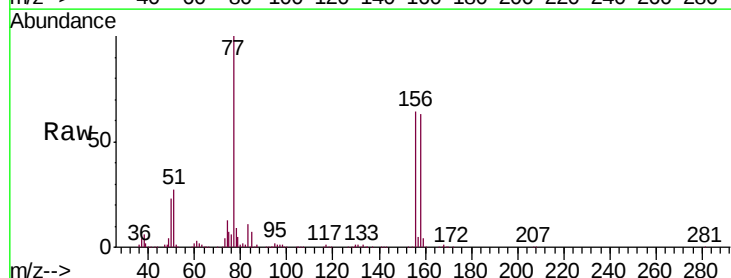
Tgt Ion: 156 Resp: 145872

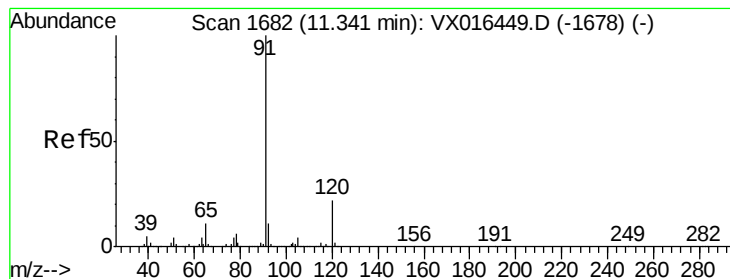
Ion Ratio Lower Upper

156 100

77 148.9 79.6 238.8

158 97.7 48.1 144.4





#78

n-propylbenzene

Concen: 47.856 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

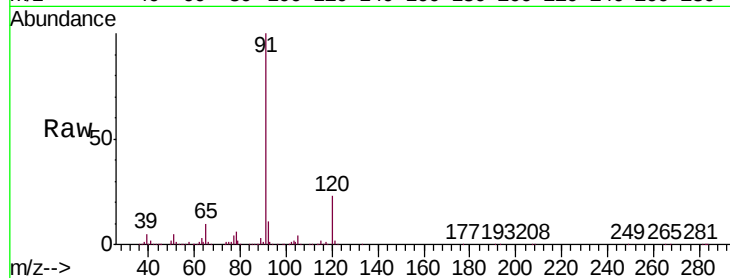
LF014RW131-200608MSD

Tgt Ion: 91 Resp: 593458

Ion Ratio Lower Upper

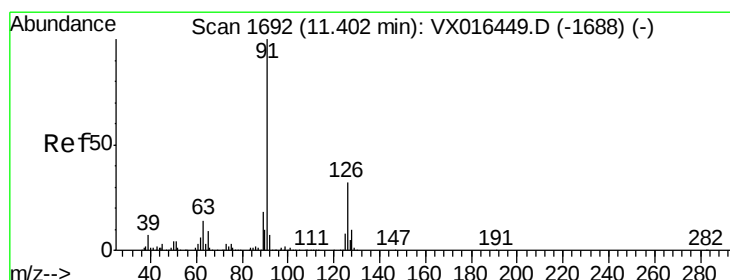
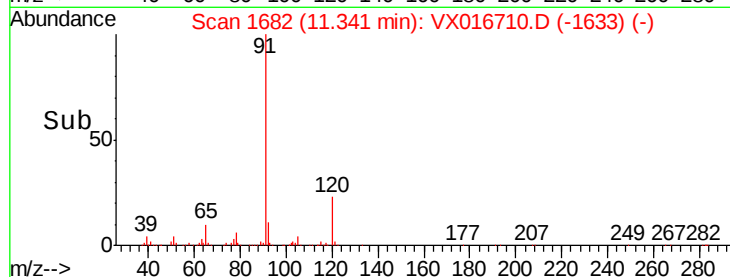
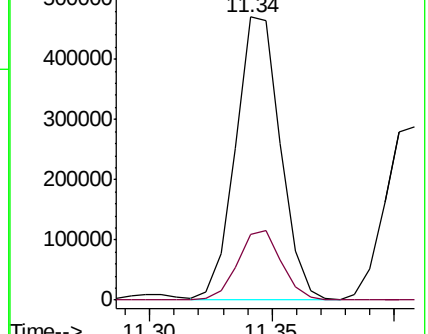
91 100

120 24.1 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: 48.800 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016710.D

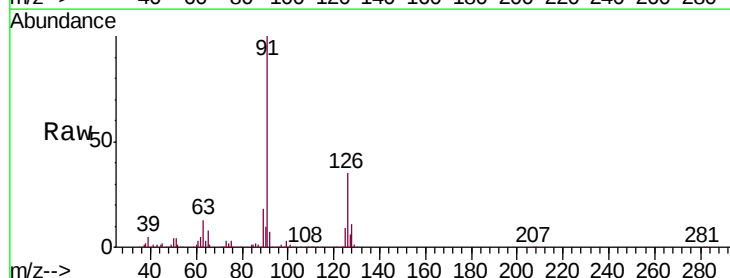
Acq: 11 Jun 2020 17:28

Tgt Ion: 91 Resp: 369395

Ion Ratio Lower Upper

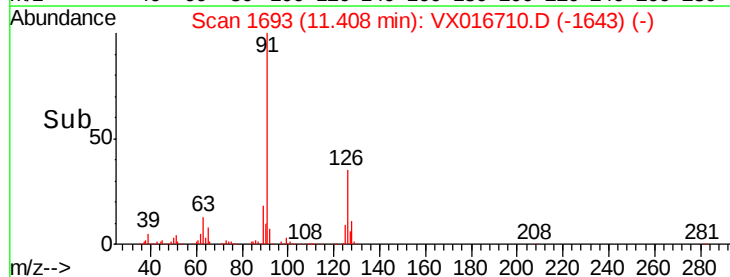
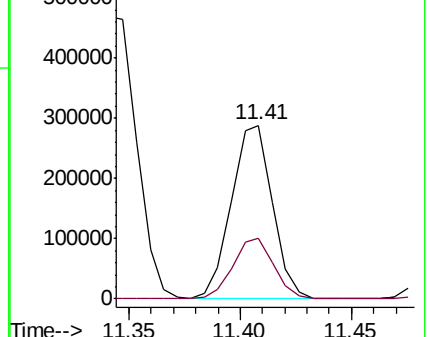
91 100

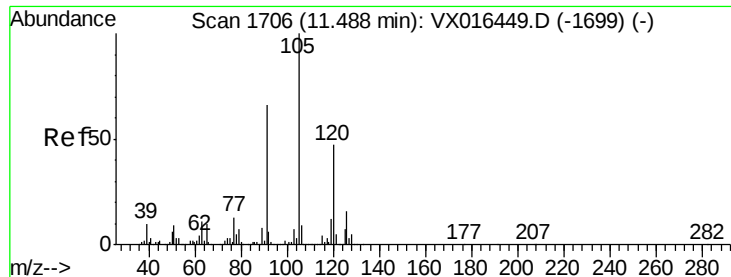
126 34.5 16.8 50.3



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: 50.020 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

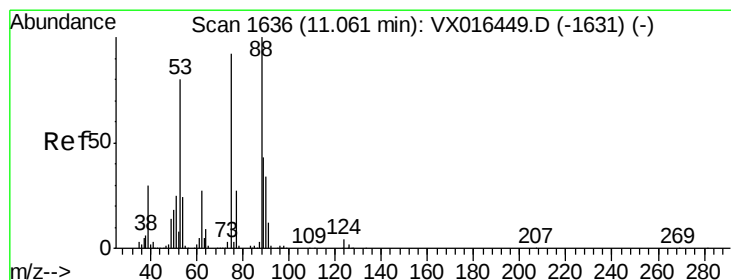
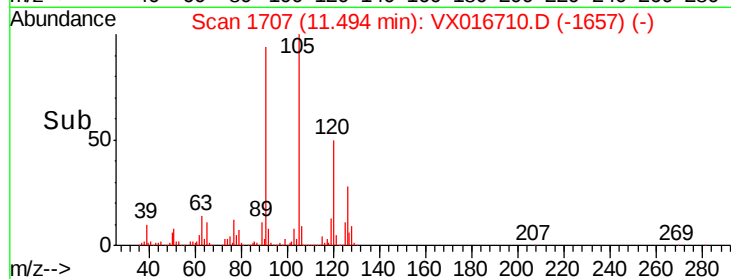
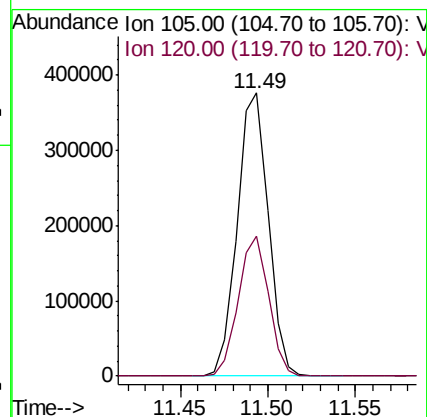
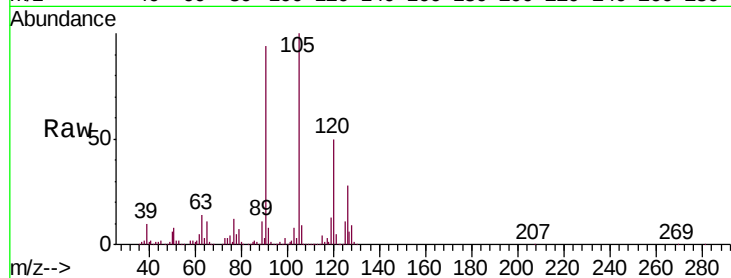
LF014RW131-200608MSD

Tgt Ion:105 Resp: 463597

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 45.683 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

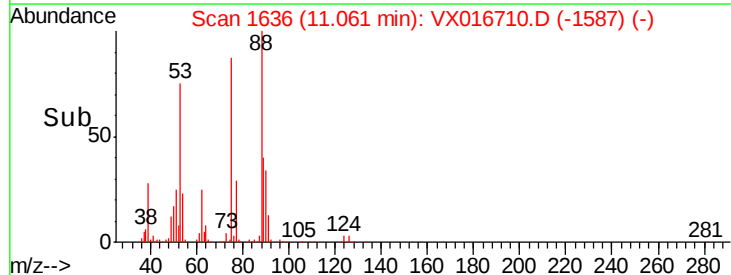
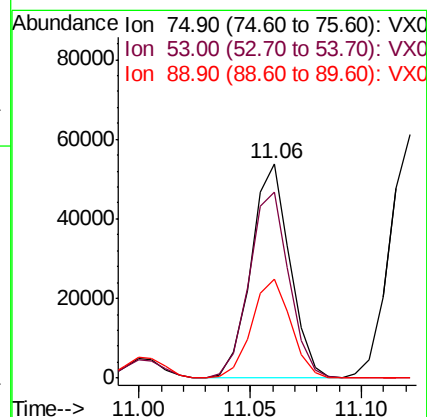
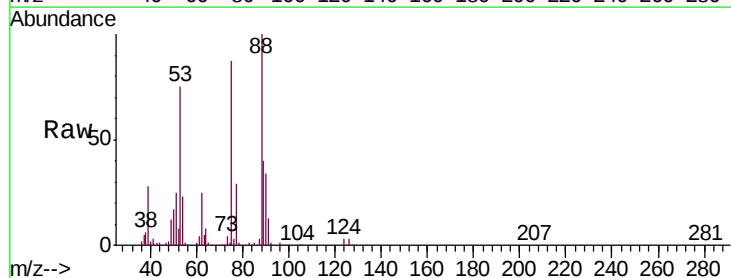
Tgt Ion: 75 Resp: 65395

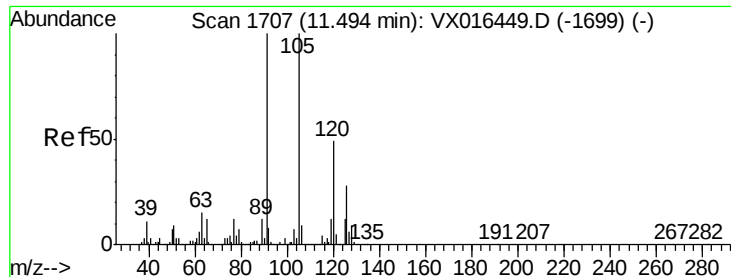
Ion Ratio Lower Upper

75 100

53 89.3 71.3 106.9

89 46.8 36.6 55.0





#82

4-Chlorotoluene

Concen: 49.035 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

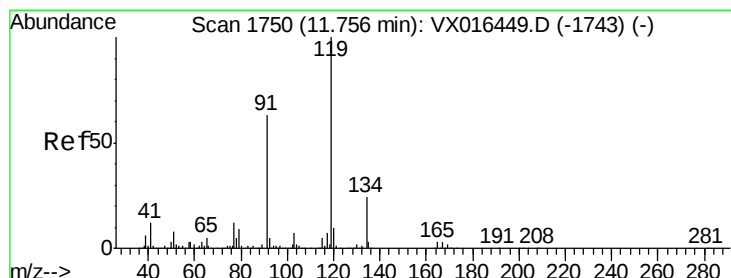
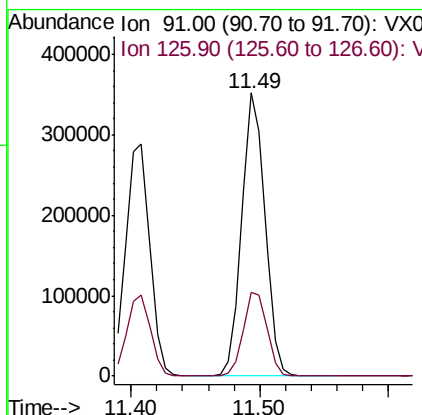
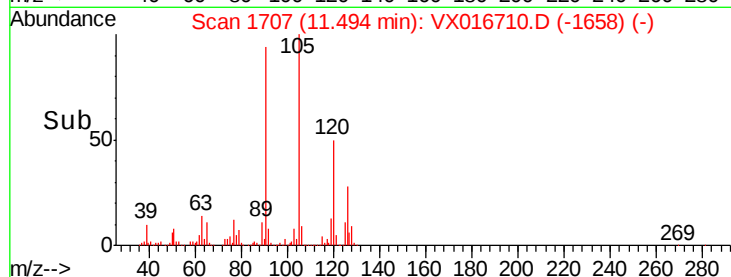
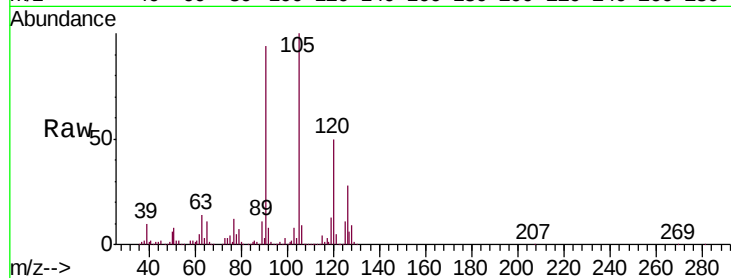
LF014RW131-200608MSD

Tgt Ion: 91 Resp: 438312

Ion Ratio Lower Upper

91 100

126 30.2 14.7 44.1



#83

tert-Butylbenzene

Concen: 52.529 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

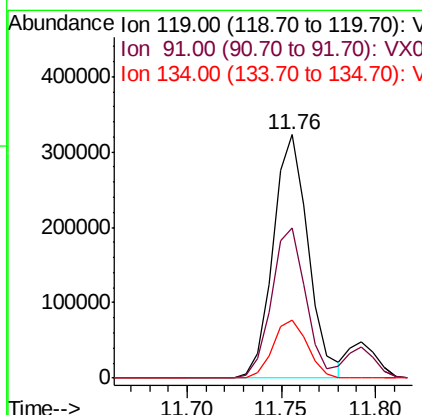
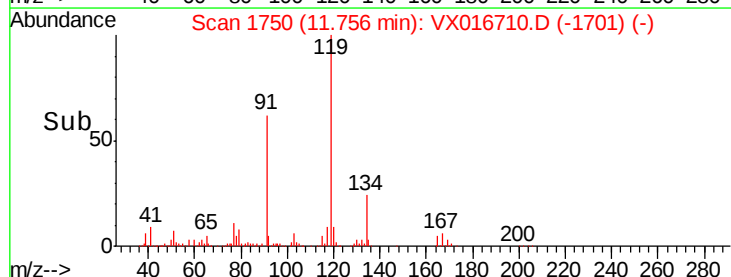
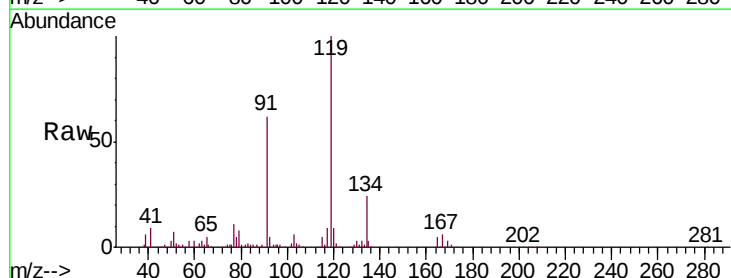
Tgt Ion: 119 Resp: 415990

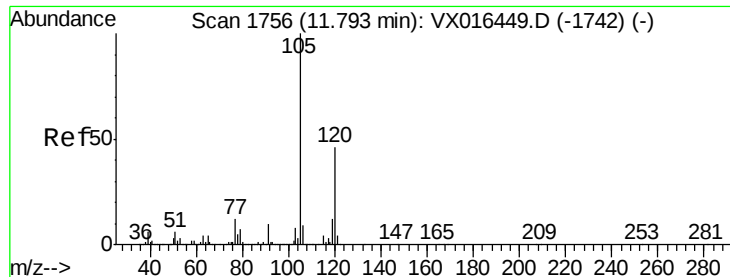
Ion Ratio Lower Upper

119 100

91 60.1 31.3 93.8

134 23.7 12.0 36.0

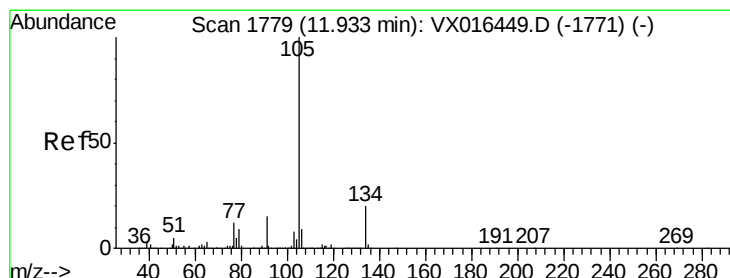
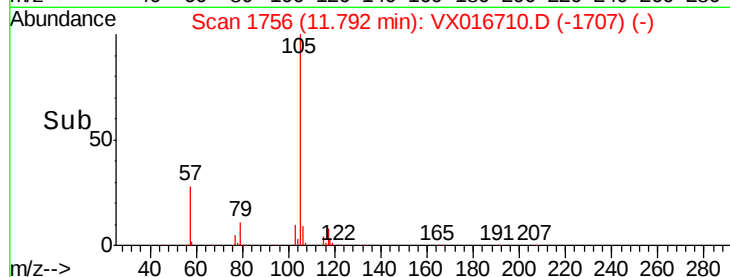
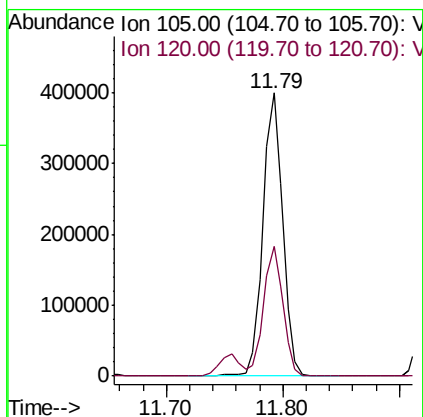
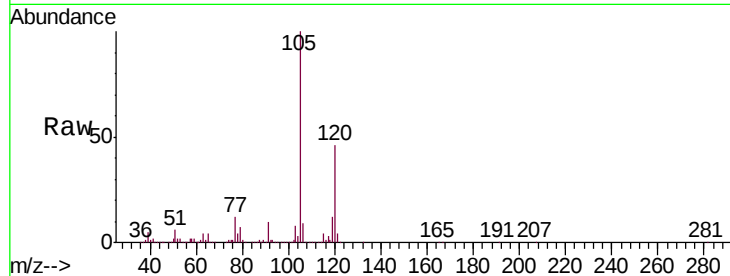




#84
 1,2,4-Trimethylbenzene
 Concen: 50.561 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

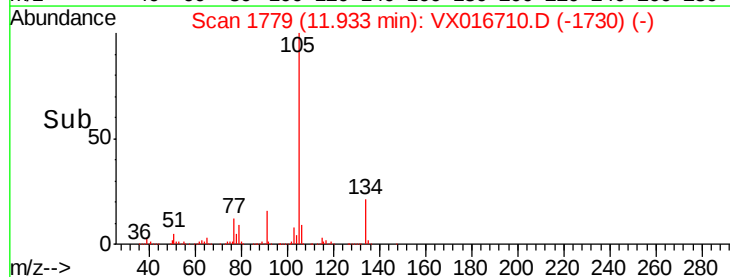
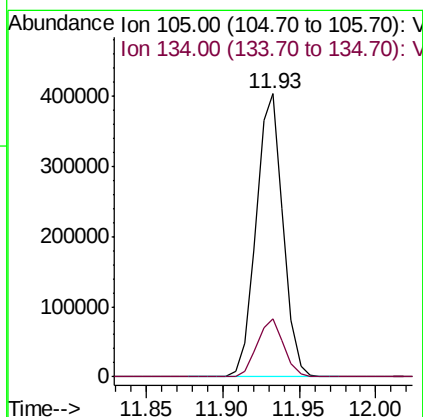
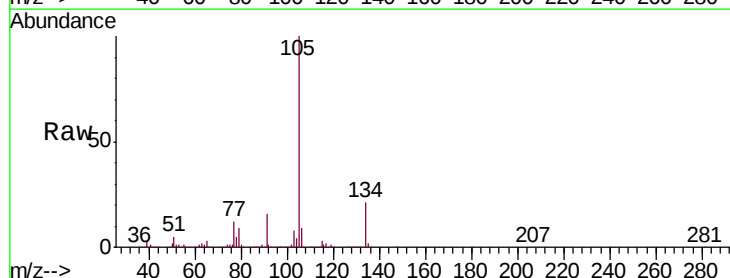
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

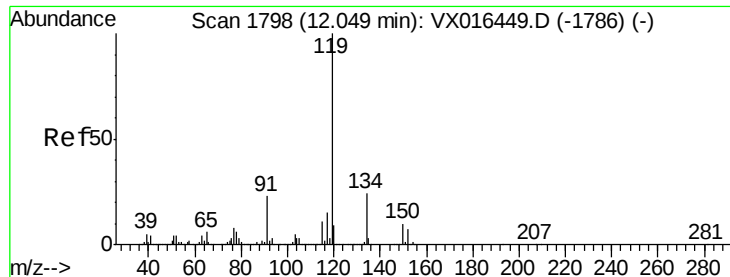
Tgt Ion:105 Resp: 473918
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 49.487 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion:105 Resp: 491629
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3

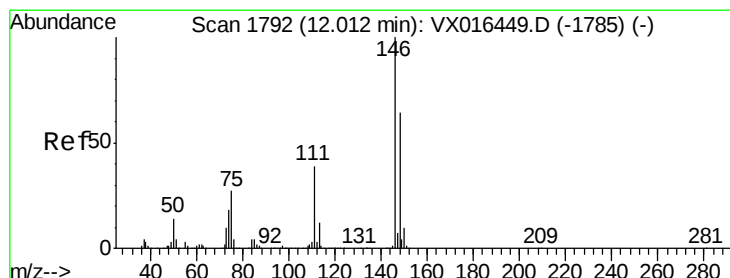
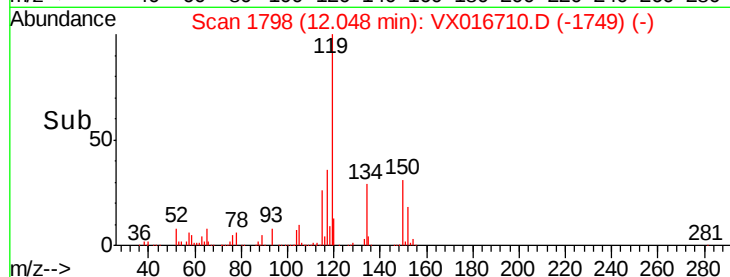
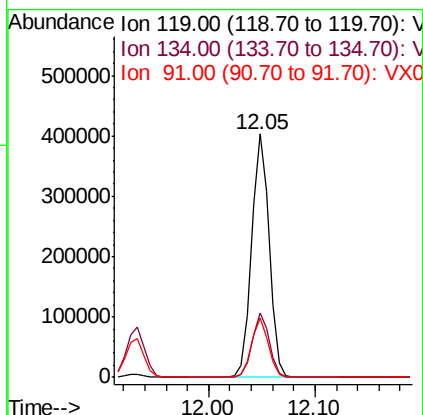
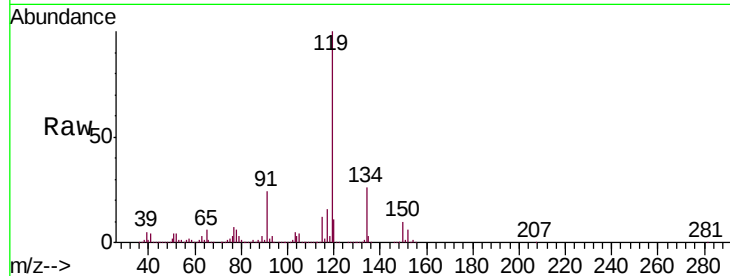




#86
p-Isopropyltoluene
Concen: 50.199 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

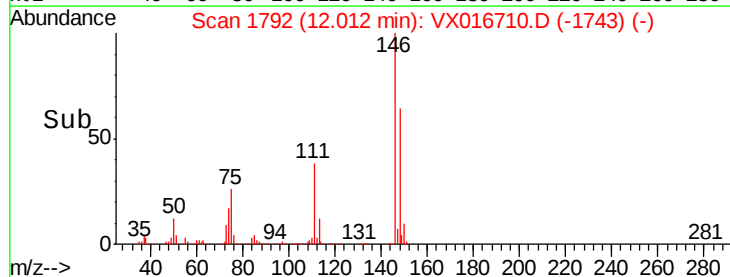
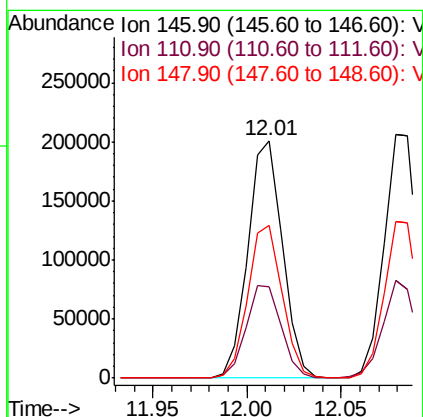
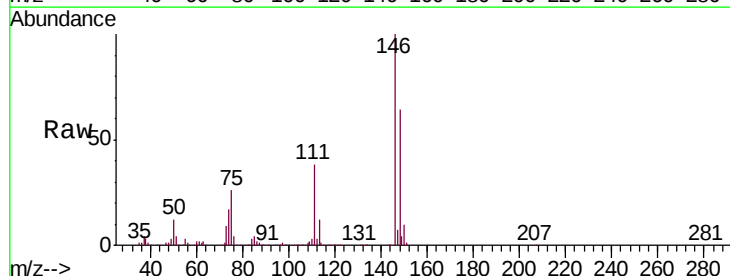
Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

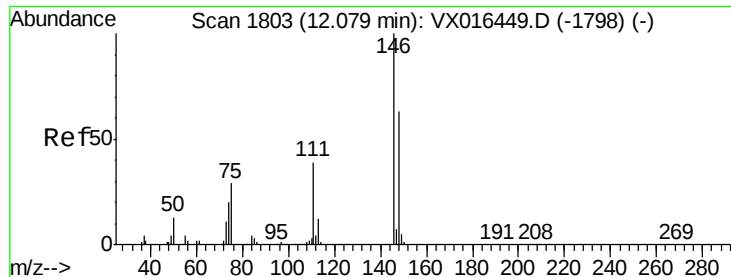
Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.7	38.0
91	23.6	11.7	35.0



#87
1,3-Dichlorobenzene
Concen: 50.721 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.1	31.9	95.5

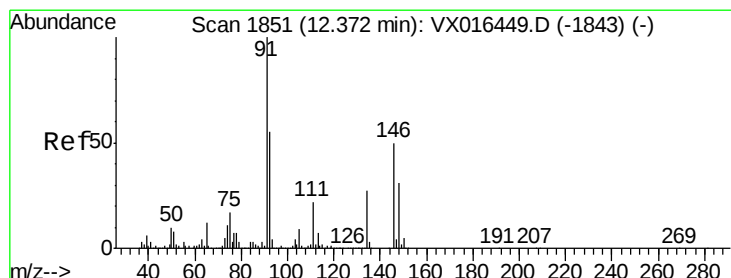
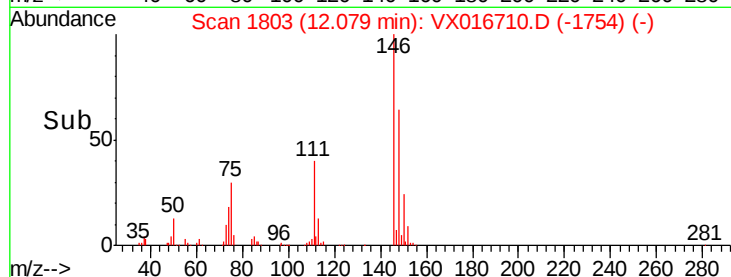
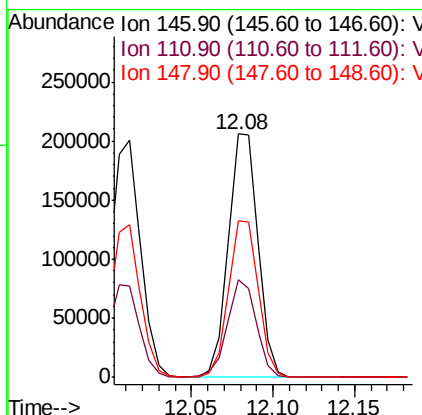
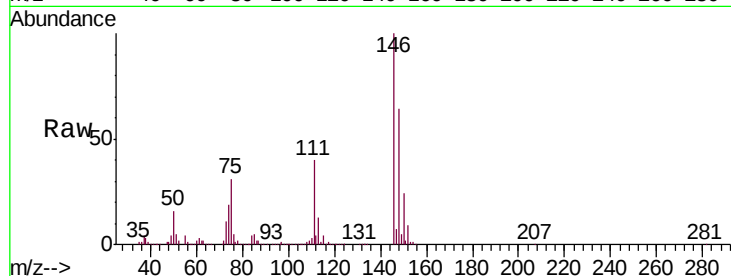




#88
 1,4-Dichlorobenzene
 Concen: 50.359 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

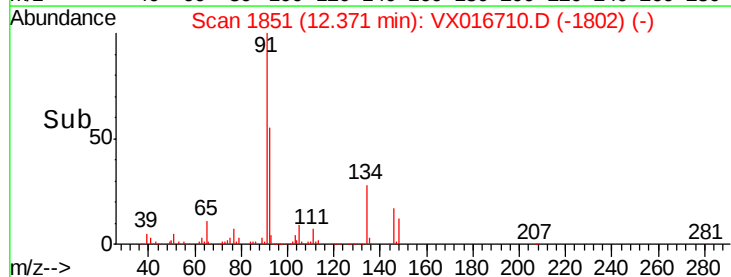
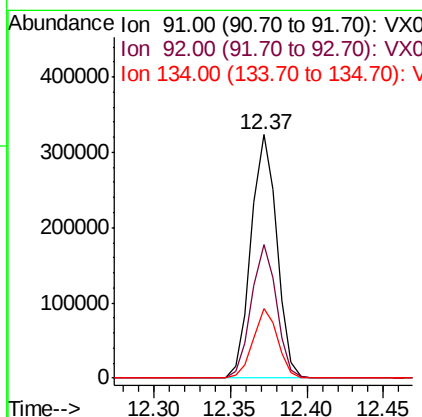
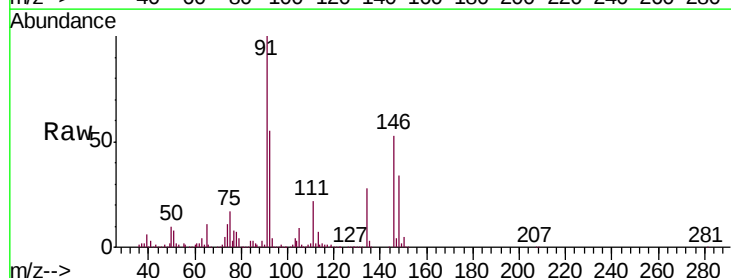
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

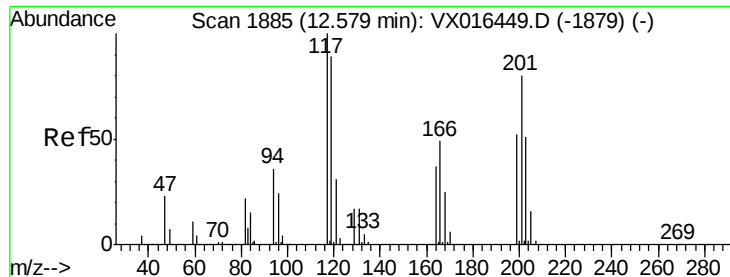
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	64.6	31.4	94.3



#89
 n-Butylbenzene
 Concen: 48.912 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.5
134	27.2	13.1	39.3





#90

Hexachloroethane

Concen: 52.038 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

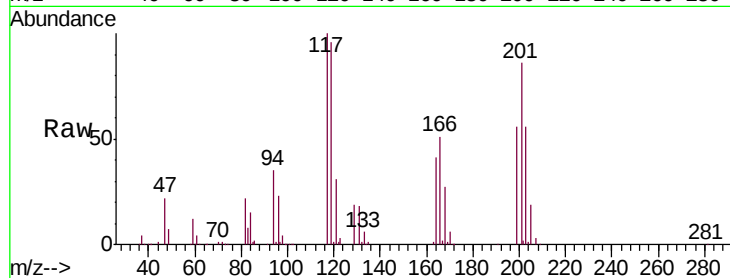
LF014RW131-200608MSD

Tgt Ion:117 Resp: 83646

Ion Ratio Lower Upper

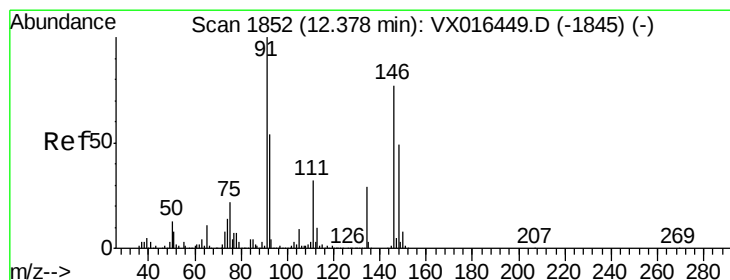
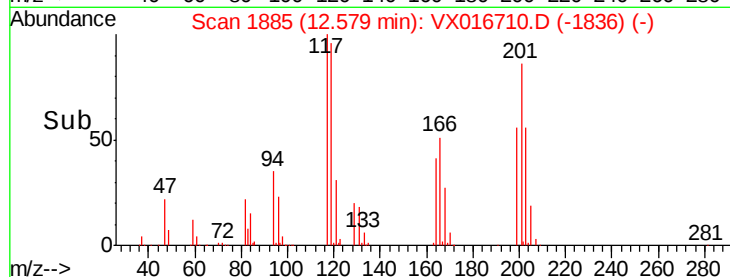
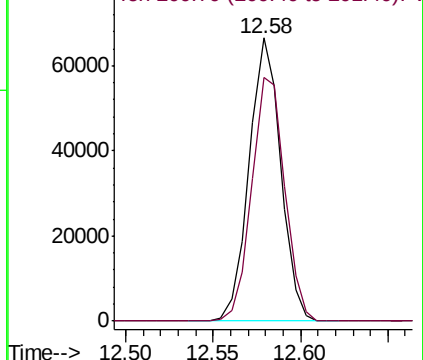
117 100

201 89.8 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: 51.008 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

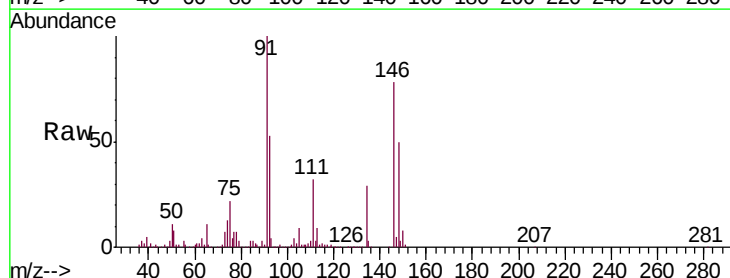
Tgt Ion:146 Resp: 249258

Ion Ratio Lower Upper

146 100

111 40.7 21.4 64.3

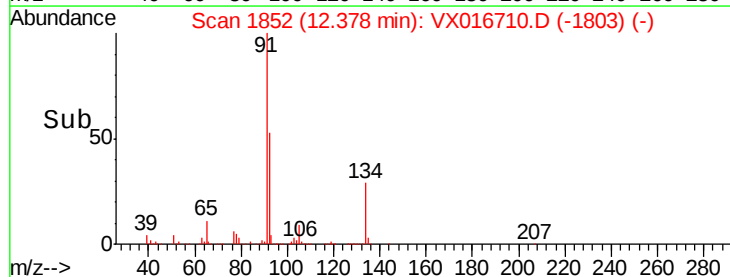
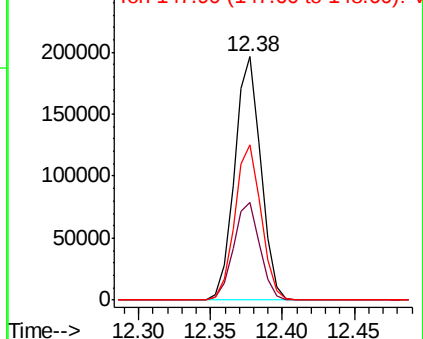
148 64.0 31.9 95.7

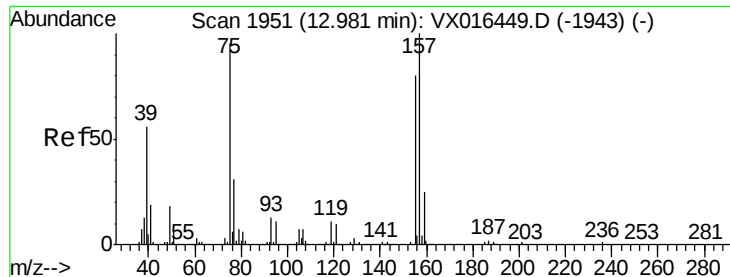


Abundance Ion 145.90 (145.60 to 146.60): V

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: 48.881 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

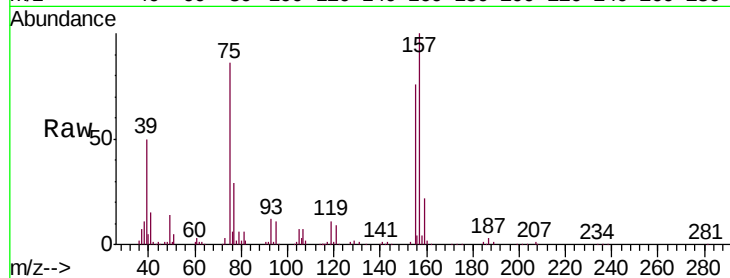
Tgt Ion: 75 Resp: 44045

Ion Ratio Lower Upper

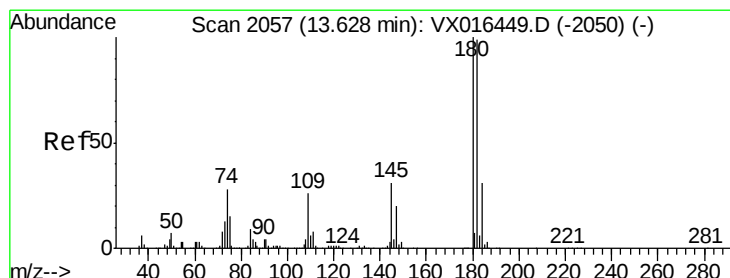
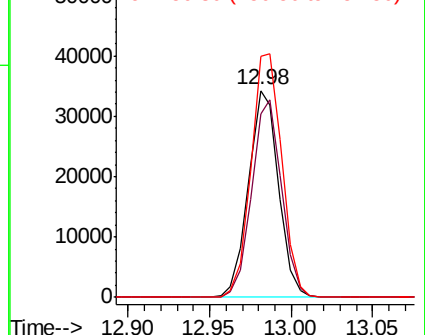
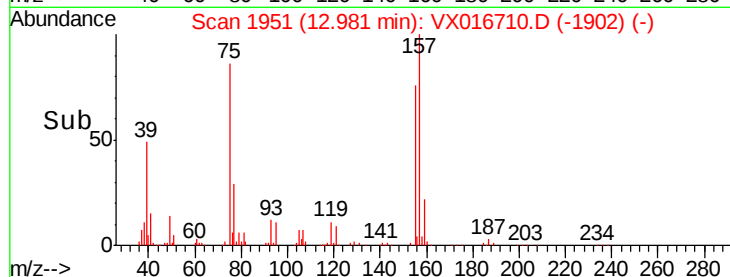
75 100

155 94.6 44.1 132.4

157 120.7 57.8 173.3



Abundance Ion 74.90 (74.60 to 75.60): VX016710.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 53.432 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

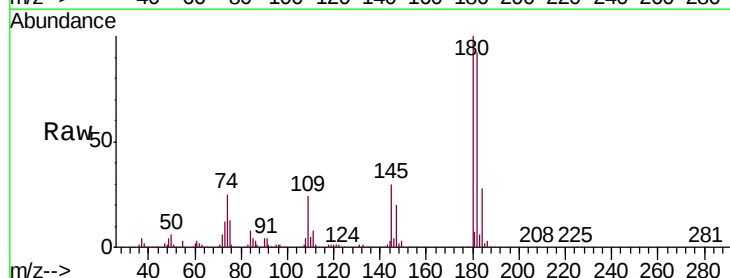
Tgt Ion: 180 Resp: 173408

Ion Ratio Lower Upper

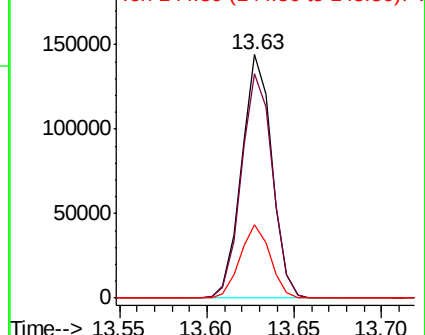
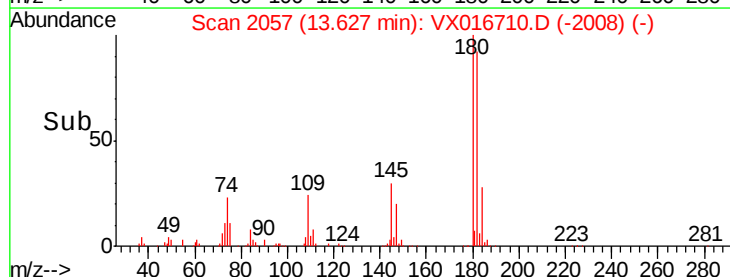
180 100

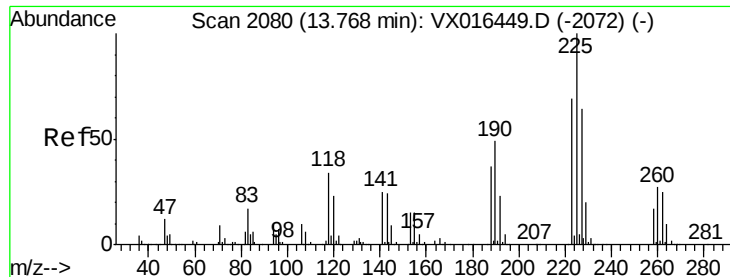
182 94.7 48.3 144.8

145 29.9 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): VX016710.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 55.293 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

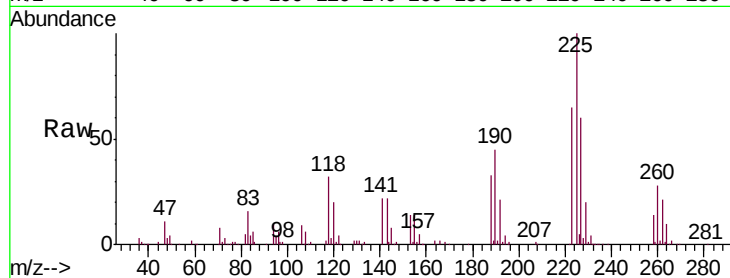
Tgt Ion:225 Resp: 70455

Ion Ratio Lower Upper

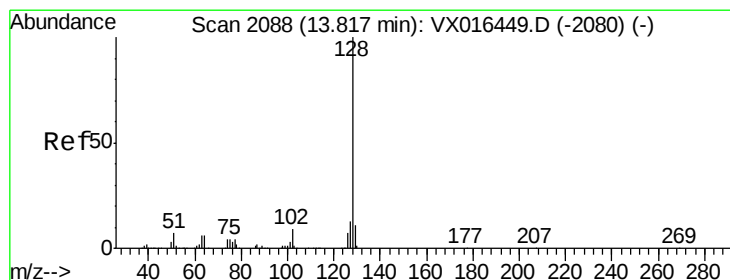
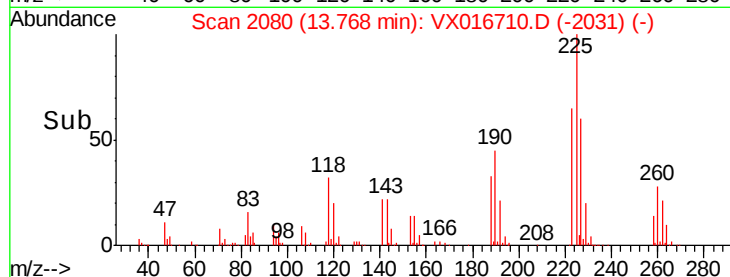
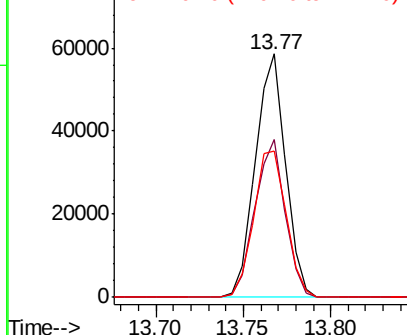
225 100

223 64.8 32.3 96.8

227 65.0 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: 51.744 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

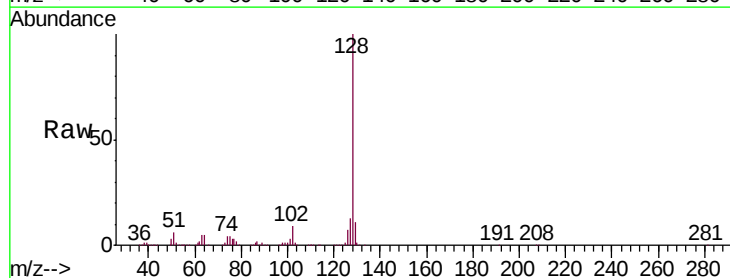
Tgt Ion:128 Resp: 575686

Ion Ratio Lower Upper

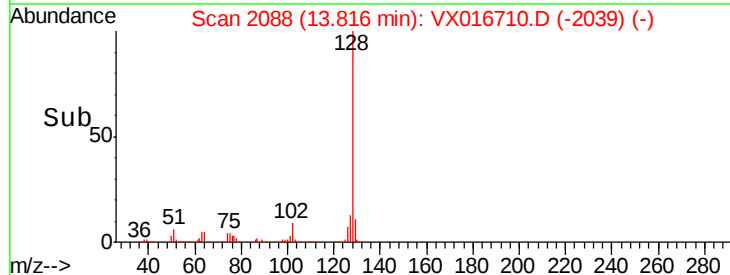
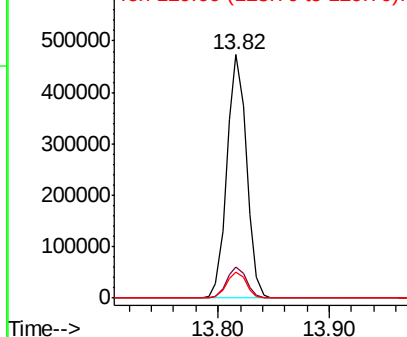
128 100

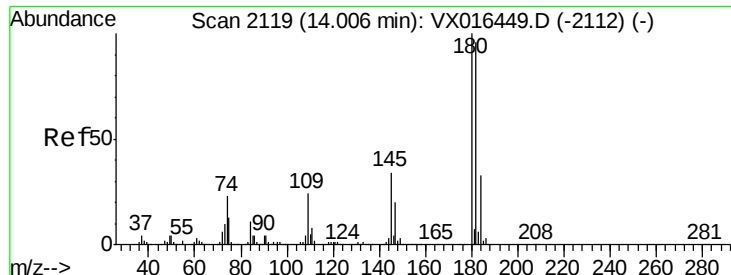
127 12.9 10.6 15.8

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

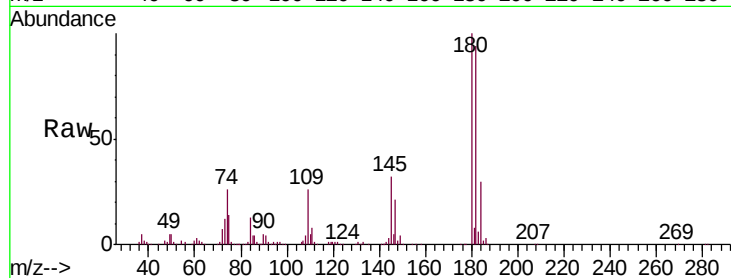




#96
 1,2,3-Trichlorobenzene
 Concen: 53.813 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Tgt Ion:	180	Resp:	171097
Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.6	145.8
145	32.2	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

