

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051820\
 Data File : VX016312.D
 Acq On : 18 May 2020 20:42
 Operator : JC/SP
 Sample : L2672-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

Quant Time: May 19 00:51:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	256777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	415929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	395625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	154733	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
35) Dibromofluoromethane	5.47	113	127595	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	8.70	98	494161	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.12	95	194336	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	131799	48.493	ug/l	100
3) Chloromethane	1.31	50	135651	42.976	ug/l	99
4) Vinyl Chloride	1.39	62	170522	50.637	ug/l	99
5) Bromomethane	1.62	94	60299	35.517	ug/l	95
6) Chloroethane	1.70	64	97285	47.479	ug/l	98
7) Trichlorofluoromethane	1.91	101	209023	47.279	ug/l	99
8) Diethyl Ether	2.17	74	89011	47.784	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	117370	46.015	ug/l	99
10) Methyl Iodide	2.49	142	80988	23.638	ug/l	98
11) Tert butyl alcohol	3.02	59	201422	235.735	ug/l	100
12) 1,1-Dichloroethene	2.36	96	124137	46.507	ug/l	99
13) Acrolein	2.27	56	159802	298.874	ug/l	98
14) Allyl chloride	2.71	41	221676	45.294	ug/l	95
15) Acrylonitrile	3.12	53	449842	253.783	ug/l	98
16) Acetone	2.42	43	347252	230.328	ug/l	95
17) Carbon Disulfide	2.55	76	344121	42.901	ug/l	99
18) Methyl Acetate	2.75	43	189824	51.208	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	473076	51.412	ug/l	99
20) Methylene Chloride	2.84	84	149765	48.187	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	142302	47.841	ug/l	98
22) Diisopropyl ether	3.82	45	453854	49.155	ug/l	98
23) Vinyl Acetate	3.79	43	1932978	237.959	ug/l	98
24) 1,1-Dichloroethane	3.67	63	257301	49.816	ug/l	98
25) 2-Butanone	4.64	43	605794	249.357	ug/l	100
26) 2,2-Dichloropropane	4.55	77	202629	42.958	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	187599	57.690	ug/l	95
28) Bromochloromethane	4.98	49	111372	47.289	ug/l	94
29) Tetrahydrofuran	5.09	42	396890	246.555	ug/l	96
30) Chloroform	5.18	83	262406	51.026	ug/l	98
31) Cyclohexane	5.55	56	207475	44.200	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	230873	49.390	ug/l	98
36) 1,1-Dichloropropene	5.77	75	191471	46.766	ug/l	100
37) Ethyl Acetate	4.80	43	223515	47.102	ug/l	98
38) Carbon Tetrachloride	5.76	117	201635	48.452	ug/l	98

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Quant Time: May 19 00:51:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	195543	39.659	ug/l	99
40) Benzene	6.12	78	1683045	140.493	ug/l	99
41) Methacrylonitrile	5.01	41	127050	49.576	ug/l	98
42) 1,2-Dichloroethane	6.17	62	215105	49.846	ug/l	99
43) Isopropyl Acetate	6.42	43	361398	47.732	ug/l	97
44) Trichloroethene	7.19	130	178715	41.992	ug/l	97
45) 1,2-Dichloropropane	7.49	63	154611	51.006	ug/l	100
46) Dibromomethane	7.64	93	102034	49.532	ug/l	97
47) Bromodichloromethane	7.88	83	214766	51.191	ug/l	98
48) Methyl methacrylate	7.74	41	173561	48.377	ug/l	94
49) 1,4-Dioxane	7.71	88	77098	896.028	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1168477	252.195	ug/l	97
52) Toluene	8.77	92	393361	52.680	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	246376	49.254	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	256903	49.170	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	158232	53.861	ug/l	99
56) Ethyl methacrylate	9.16	69	256376	53.463	ug/l	92
57) 1,3-Dichloropropane	9.35	76	267654	52.213	ug/l	100
59) 2-Hexanone	9.48	43	903664	248.356	ug/l	95
60) Dibromochloromethane	9.57	129	177718	54.926	ug/l	100
61) 1,2-Dibromoethane	9.65	107	166278	52.253	ug/l	99
64) Tetrachloroethene	9.32	164	194023	39.949	ug/l	98
65) Chlorobenzene	10.13	112	7587260	915.900	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.21	131	156865	51.232	ug/l	99
67) Ethyl Benzene	10.24	91	734705	49.707	ug/l	99
68) m/p-Xylenes	10.34	106	546229	98.637	ug/l	99
69) o-Xylene	10.68	106	268041	50.354	ug/l	99
70) Styrene	10.70	104	467615	51.781	ug/l	99
71) Bromoform	10.84	173	131447	52.694	ug/l #	99
73) Isopropylbenzene	11.00	105	708614	49.361	ug/l	100
74) N-amyl acetate	10.88	43	310747	46.407	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	202076	68.501	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	297159	66.347	ug/l	83
77) Bromobenzene	11.24	156	180050	48.591	ug/l	99
78) n-propylbenzene	11.35	91	786205	47.076	ug/l	100
79) 2-Chlorotoluene	11.40	91	473827	48.066	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	564640	46.584	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	89372	47.553	ug/l	96
82) 4-Chlorotoluene	11.49	91	554891	47.667	ug/l	99
83) tert-Butylbenzene	11.76	119	520766	49.854	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	578050	47.172	ug/l	100
85) sec-Butylbenzene	11.93	105	599807	42.528	ug/l	96
86) p-Isopropyltoluene	12.05	119	541058	41.319	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	539326	81.062	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	818964	121.276	ug/l	99
89) n-Butylbenzene	12.37	91	448083	37.457	ug/l	100
90) Hexachloroethane	12.58	117	95466	42.451	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	2384127	372.146	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59103	50.069	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	200176	42.204	ug/l	96

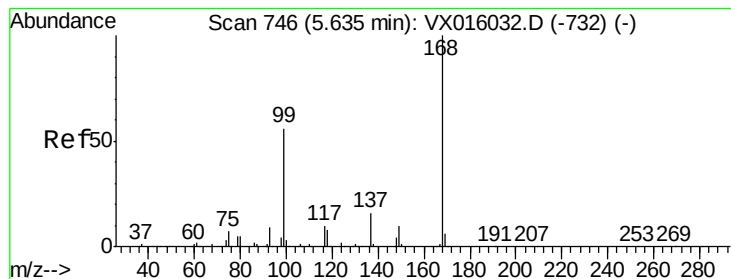
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051820\
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	65679	32.345	ug/l	98
95) Naphthalene	13.82	128	760144	49.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	191083	41.222	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

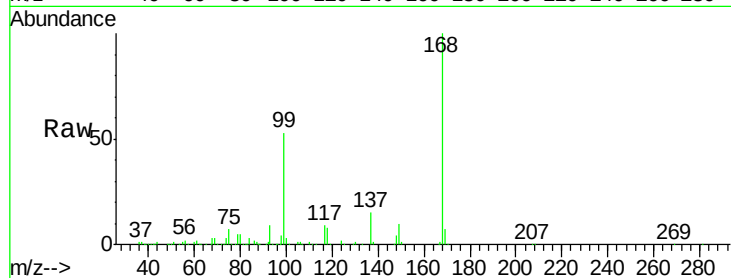
WP021MW173-200514MS

Tot Ion:168 Resp: 256777

Ion Ratio Lower Upper

168 100

99 53.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

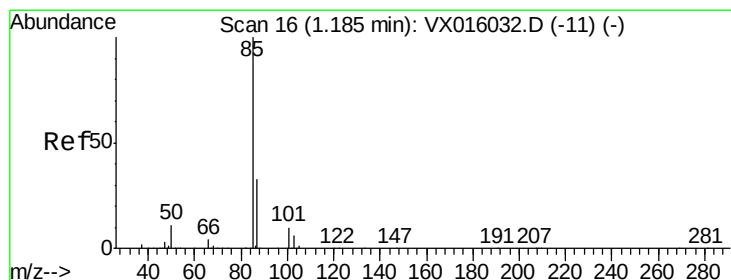
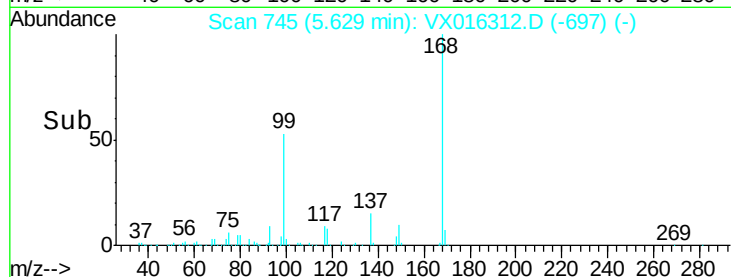
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.493 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016312.D

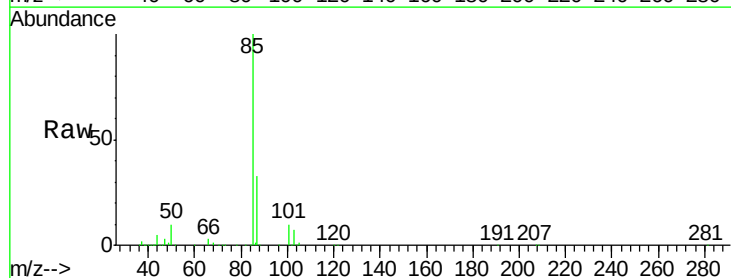
Acq: 18 May 2020 20:42

Tgt Ion: 85 Resp: 131799

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

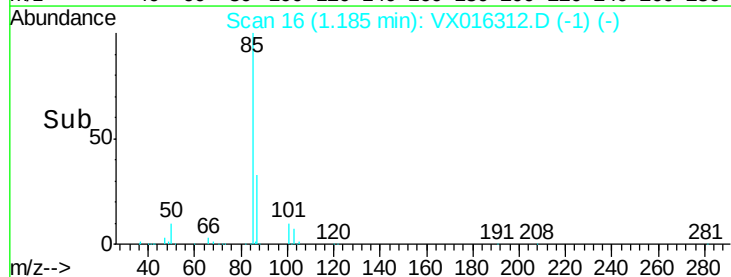
150000

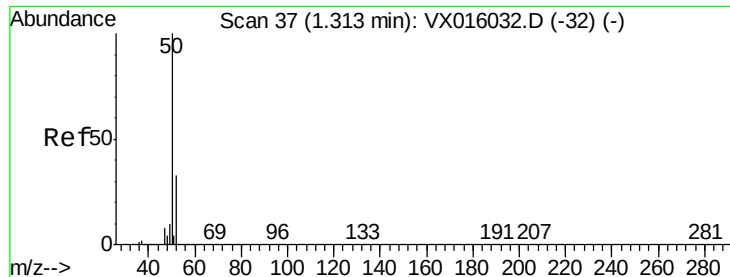
100000

50000

0

Time-->





#3

Chloromethane

Concen: 42.976 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

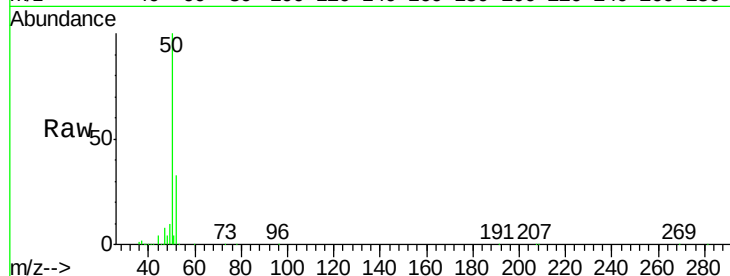
WP021MW173-200514MS

Tot Ion: 50 Resp: 135651

Ion Ratio Lower Upper

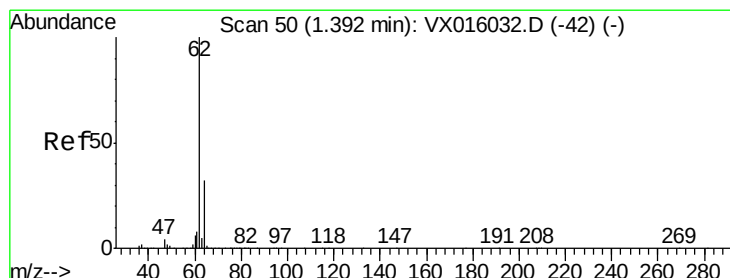
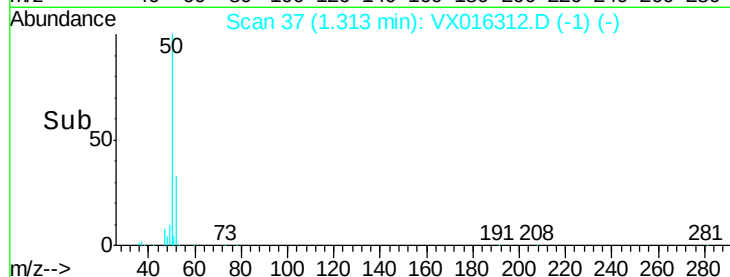
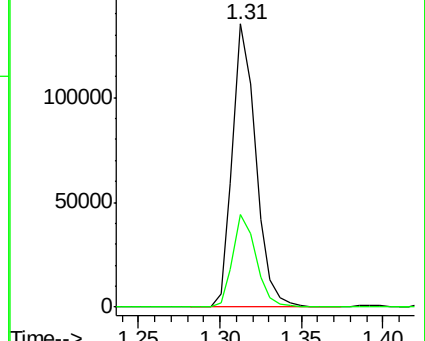
50 100

52 32.9 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.637 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016312.D

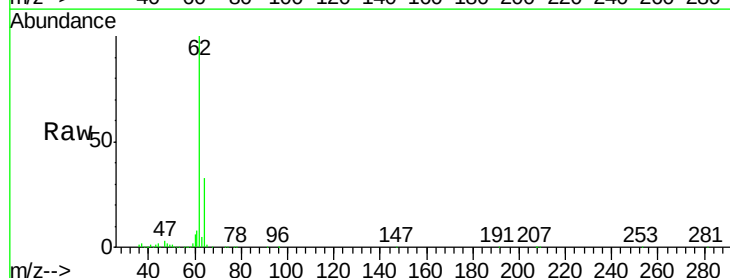
Acq: 18 May 2020 20:42

Tgt Ion: 62 Resp: 170522

Ion Ratio Lower Upper

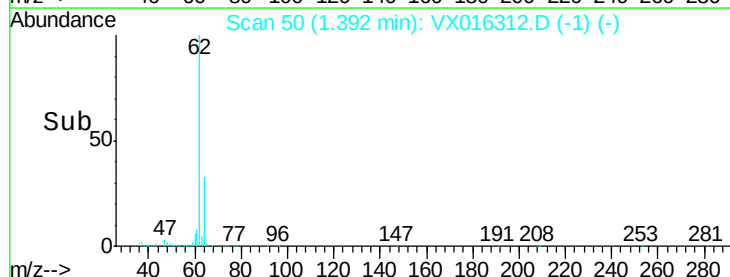
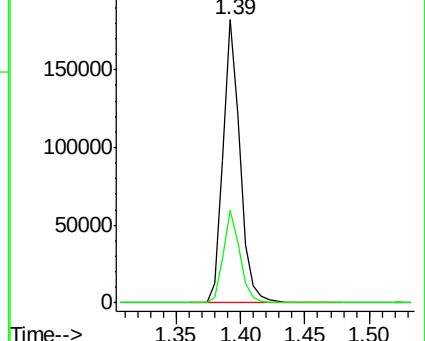
62 100

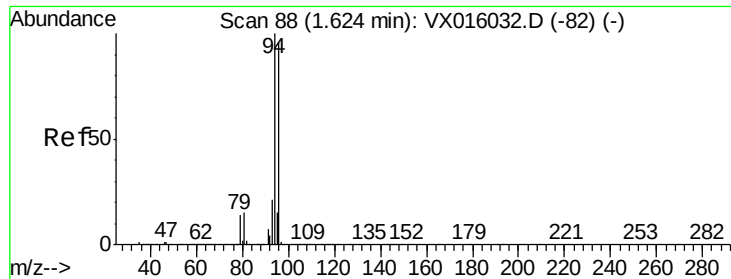
64 32.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 35.517 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

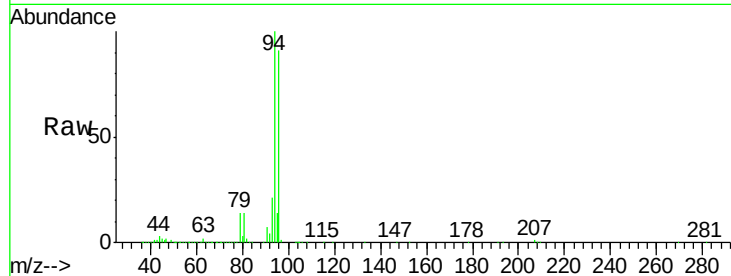
WP021MW173-200514MS

Tot Ion: 94 Resp: 60299

Ion Ratio Lower Upper

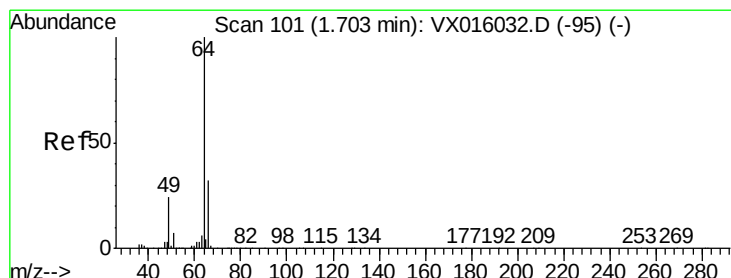
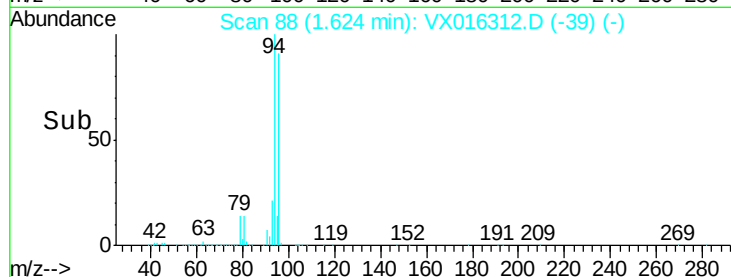
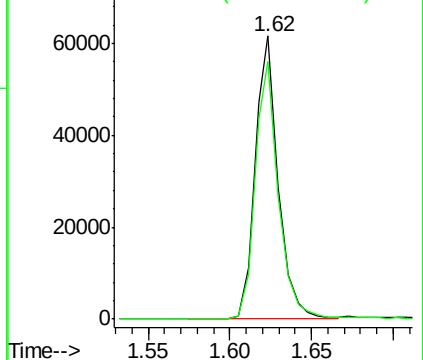
94 100

96 90.9 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.479 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016312.D

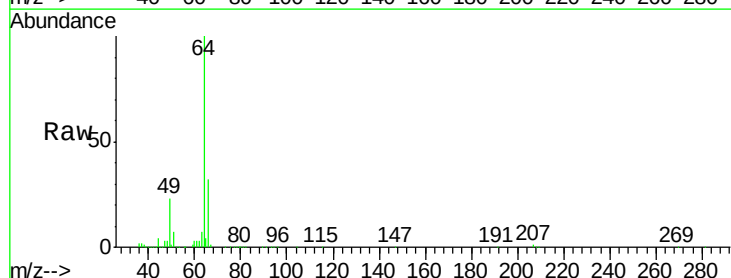
Acq: 18 May 2020 20:42

Tgt Ion: 64 Resp: 97285

Ion Ratio Lower Upper

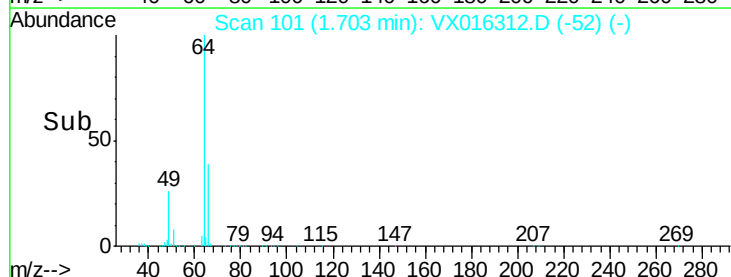
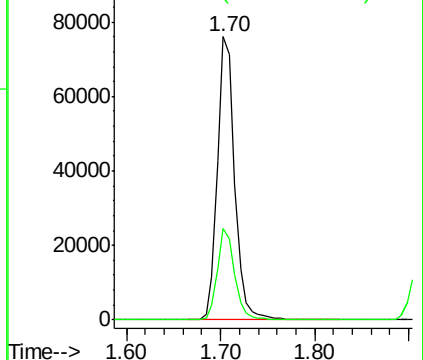
64 100

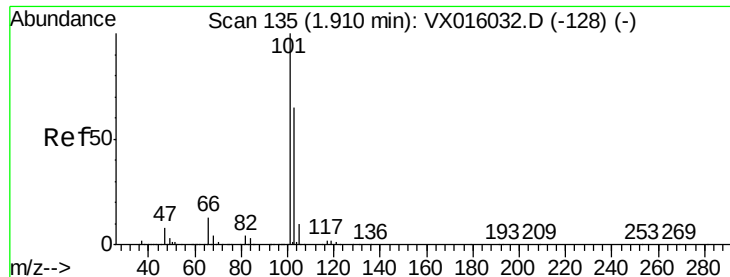
66 32.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



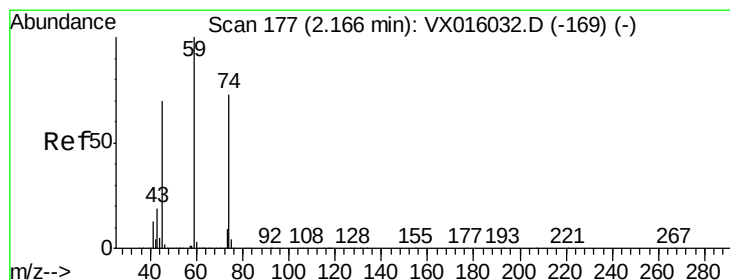
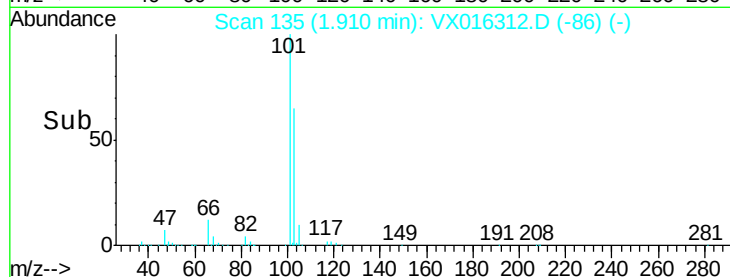
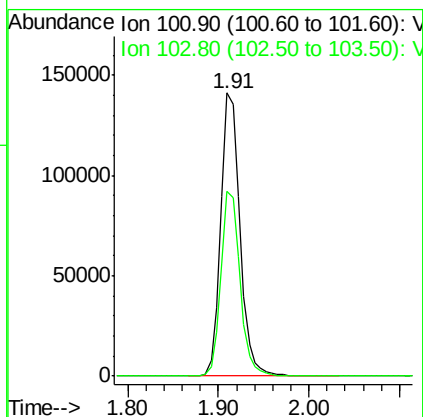
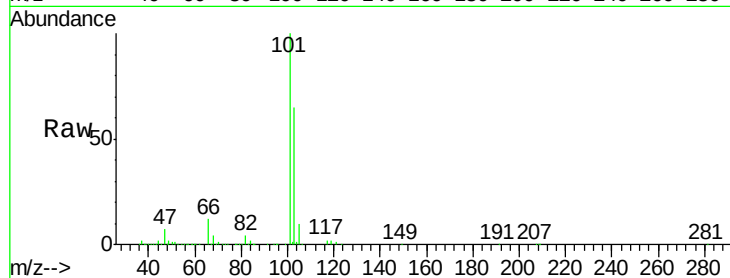


#7

Trichlorofluoromethane
 Concen: 47.279 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

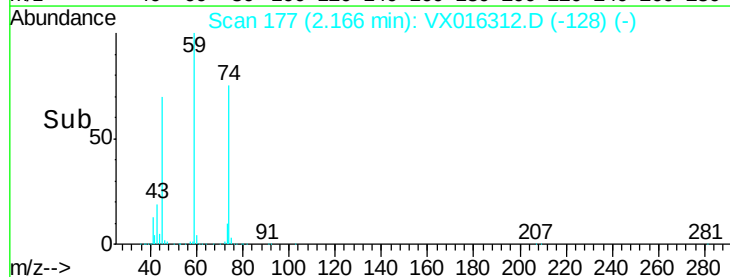
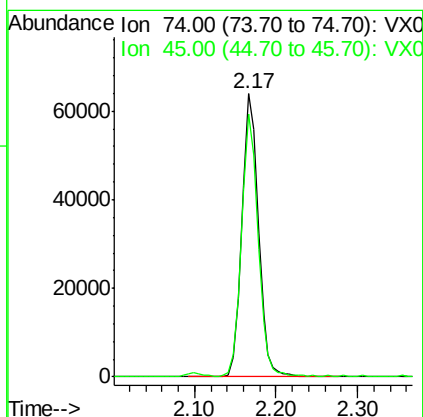
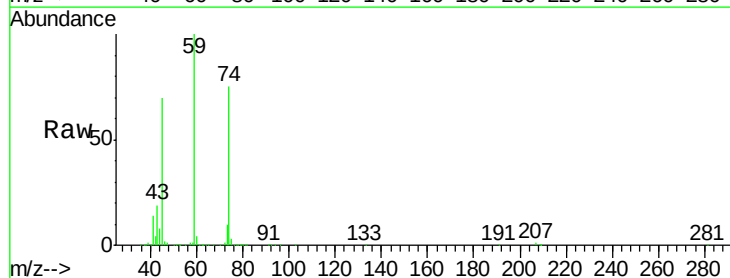
Tot Ion:101 Resp: 209023
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.8 77.6

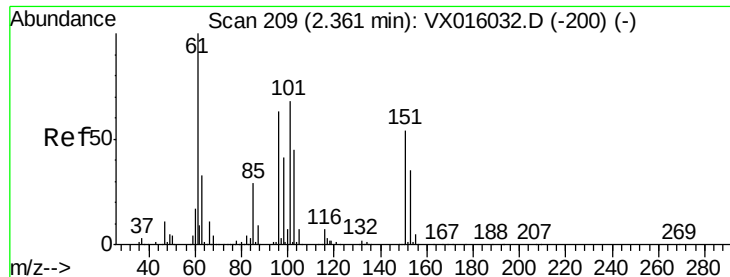


#8

Diethyl Ether
 Concen: 47.784 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion: 74 Resp: 89011
 Ion Ratio Lower Upper
 74 100
 45 92.2 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.015 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

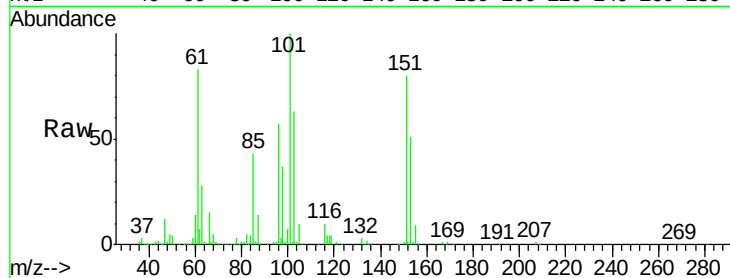
Tot Ion:101 Resp: 117370

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.4

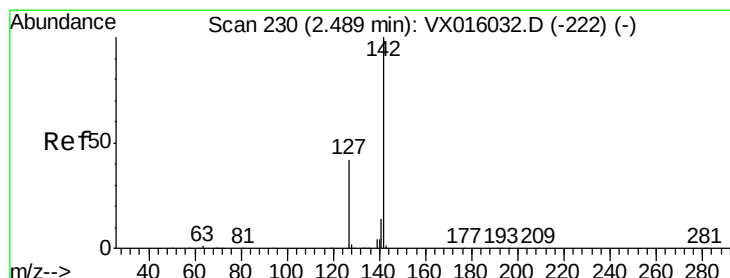
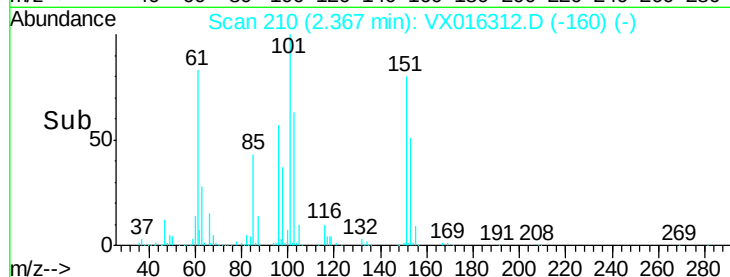
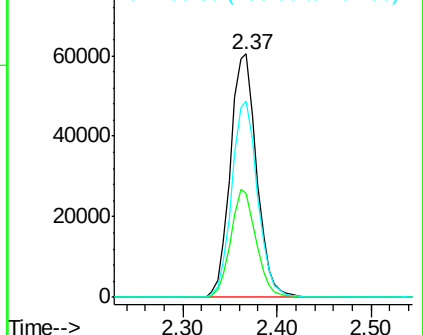
151 79.5 62.1 93.1



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: 23.638 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

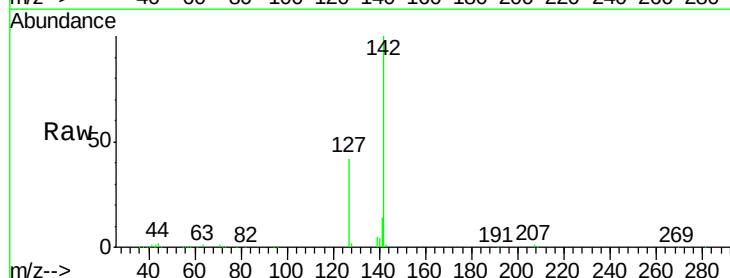
Tgt Ion:142 Resp: 80988

Ion Ratio Lower Upper

142 100

127 41.7 34.6 52.0

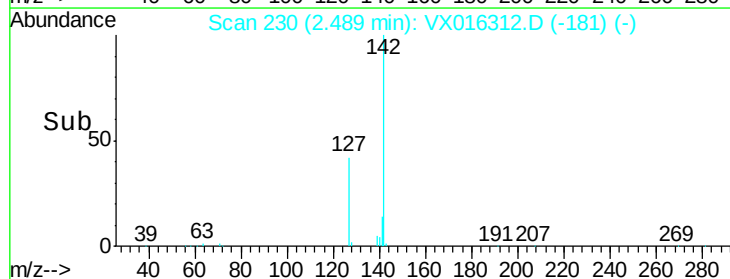
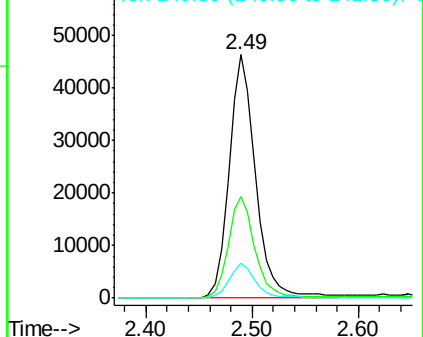
141 14.5 11.3 16.9

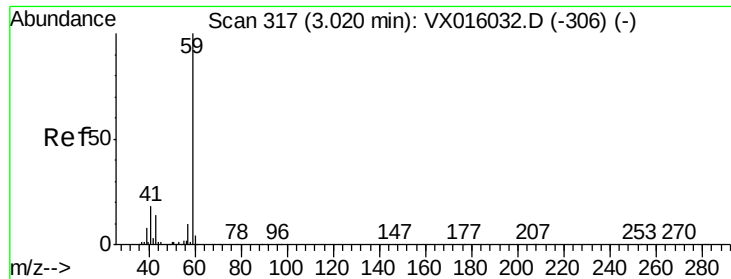


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

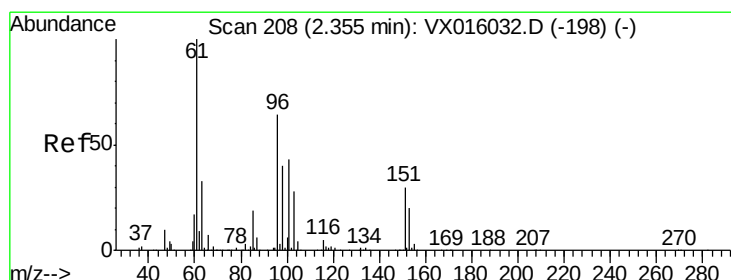
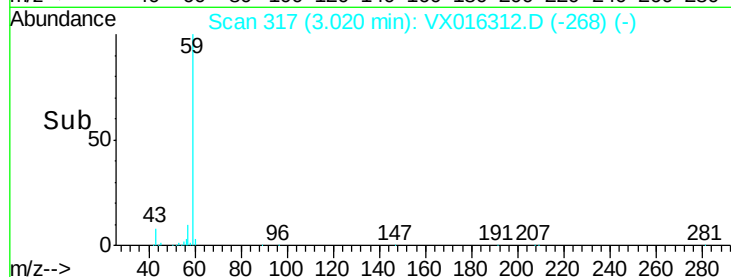
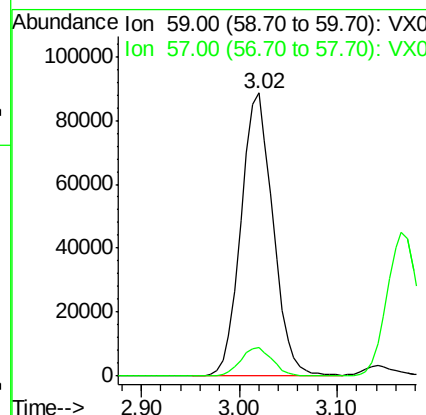
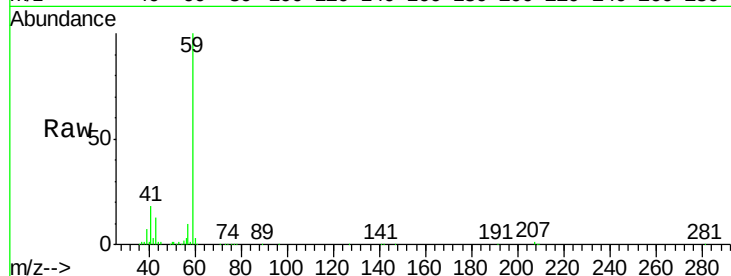




#11
Tert butyl alcohol
Concen: 235.735 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

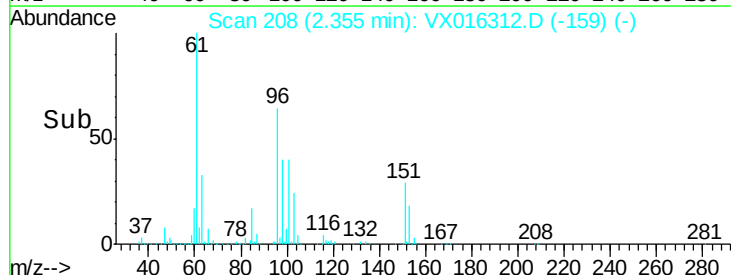
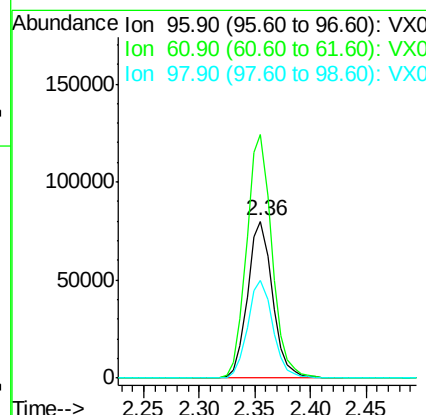
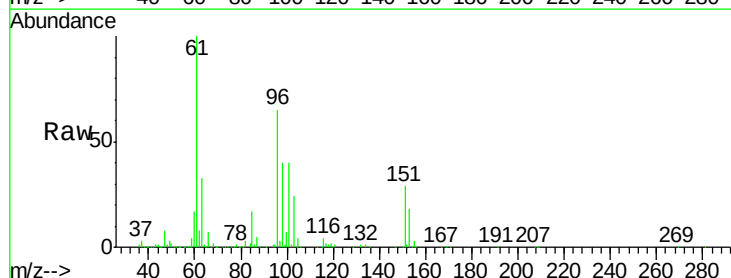
Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

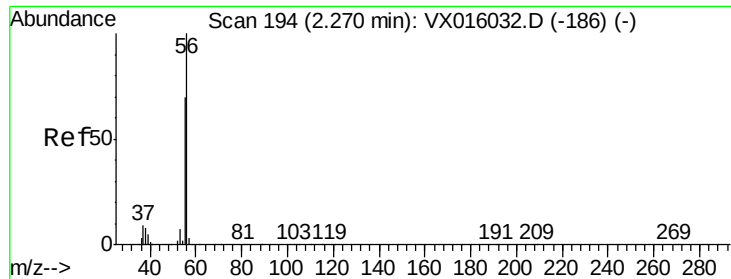
Tot Ion: 59 Resp: 201422
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.507 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion: 96 Resp: 124137
Ion Ratio Lower Upper
96 100
61 155.1 124.8 187.2
98 61.9 49.7 74.5

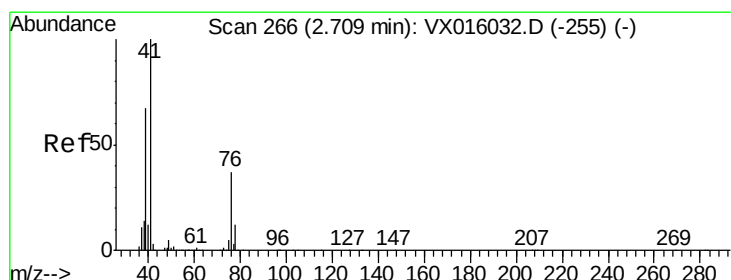
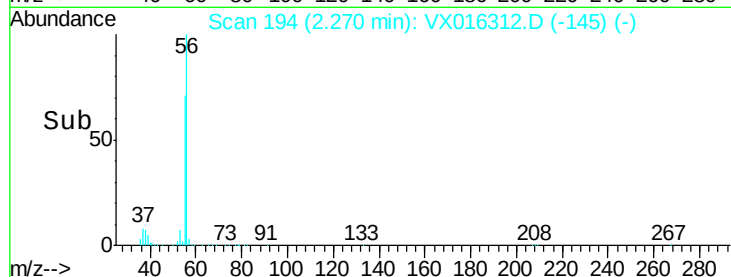
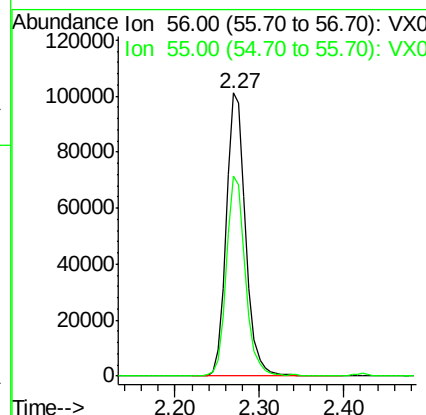
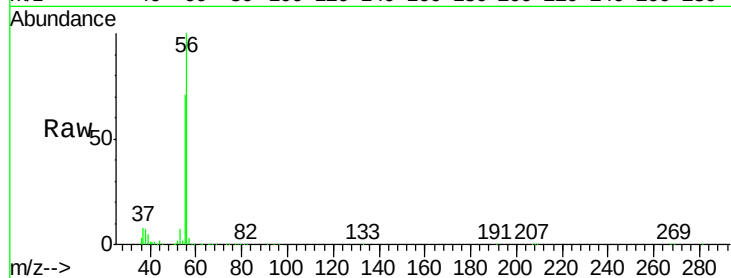




#13
Acrolein
Concen: 298.874 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

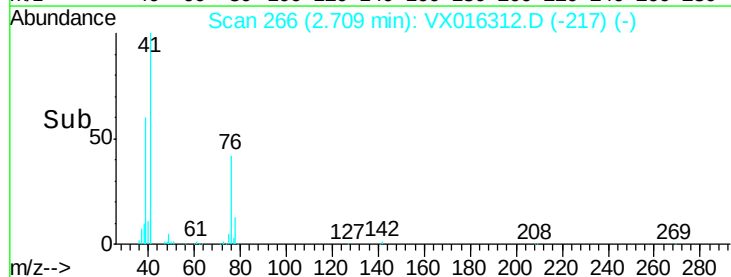
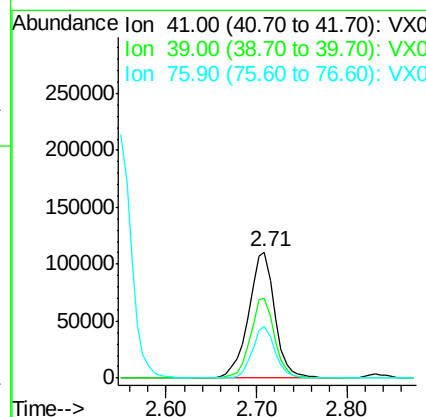
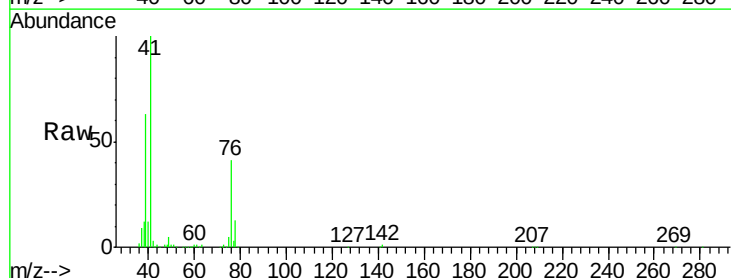
Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

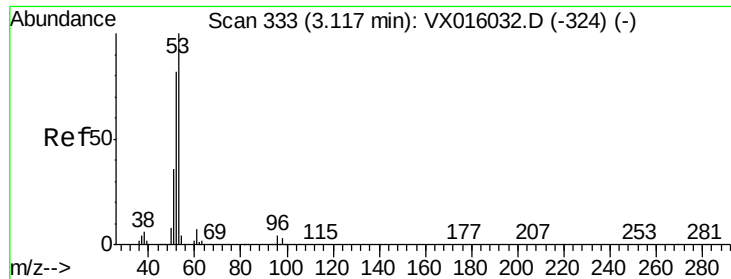
Tot Ion: 56 Resp: 159802
Ion Ratio Lower Upper
56 100
55 69.1 56.5 84.7



#14
Allyl chloride
Concen: 45.294 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion: 41 Resp: 221676
Ion Ratio Lower Upper
41 100
39 58.5 50.5 75.7
76 35.7 26.6 40.0

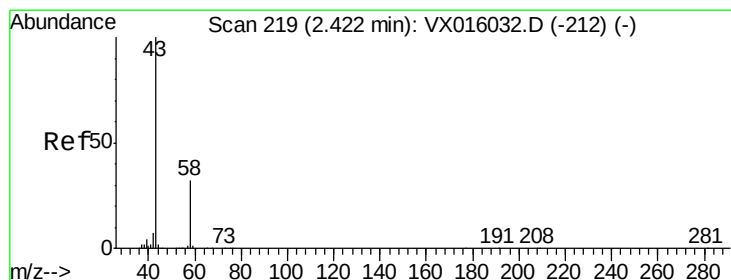
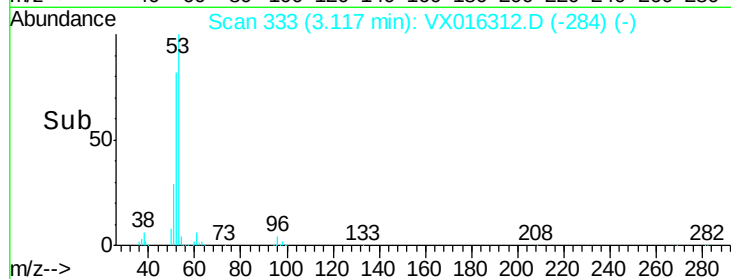
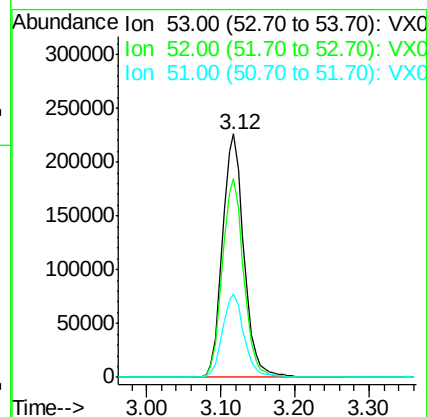
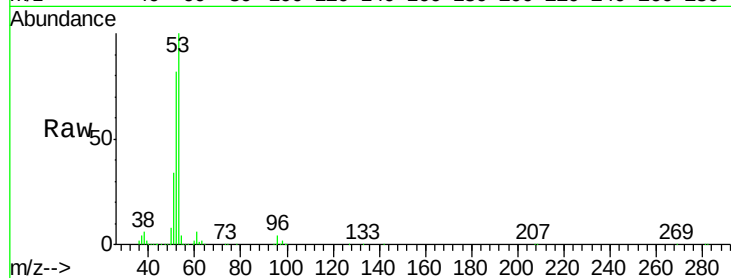




#15
 Acrylonitrile
 Concen: 253.783 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

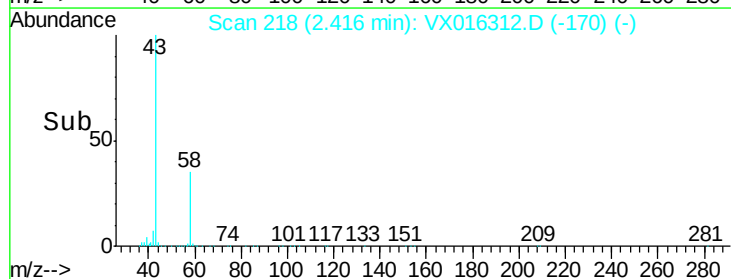
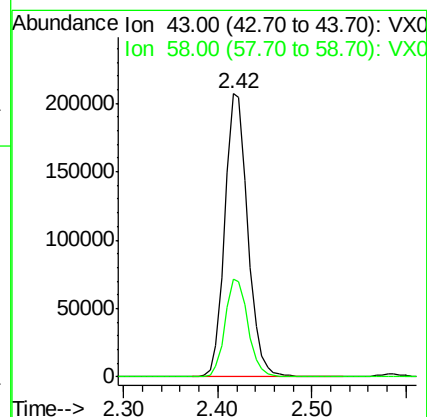
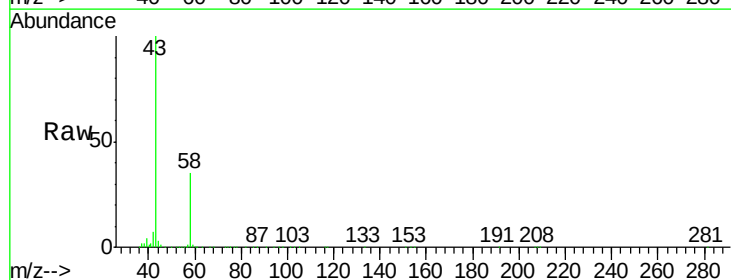
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

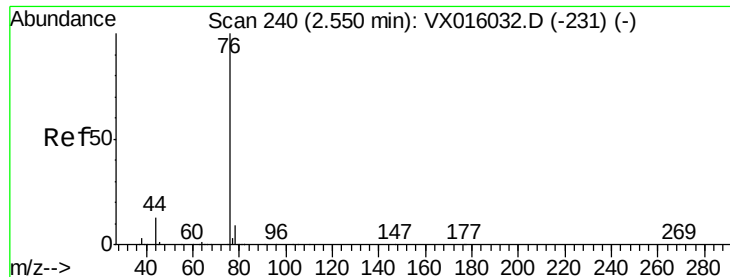
Tot Ion	53	Resp	449842
Ion Ratio	Lower	Upper	
53	100		
52	81.3	66.1	99.1
51	34.6	28.8	43.2



#16
 Acetone
 Concen: 230.328 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion	43	Resp	347252
Ion Ratio	Lower	Upper	
43	100		
58	34.6	25.4	38.0





#17

Carbon Disulfide

Concen: 42.901 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

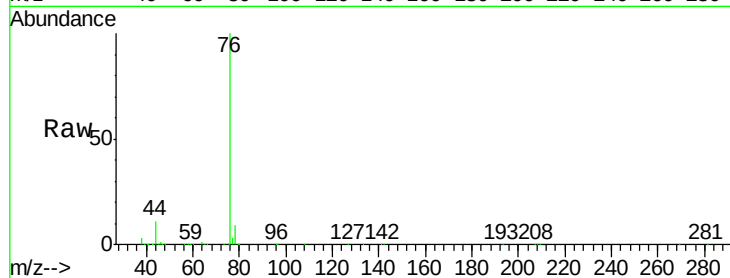
WP021MW173-200514MS

Tot Ion: 76 Resp: 344121

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

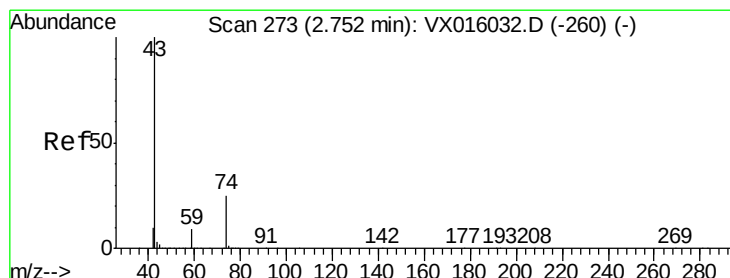
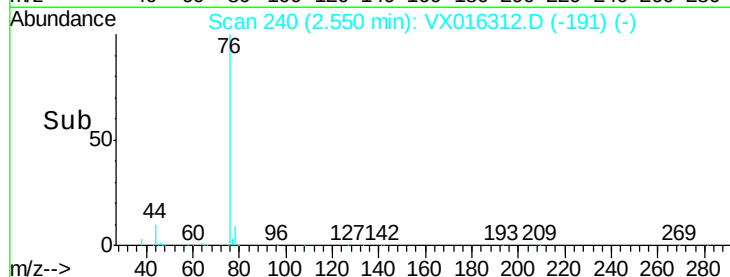
100000

50000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 51.208 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016312.D

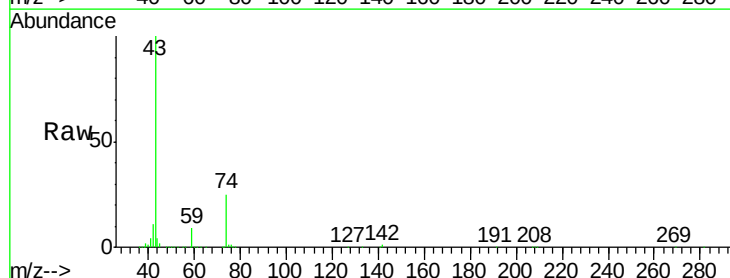
Acq: 18 May 2020 20:42

Tgt Ion: 43 Resp: 189824

Ion Ratio Lower Upper

43 100

74 26.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

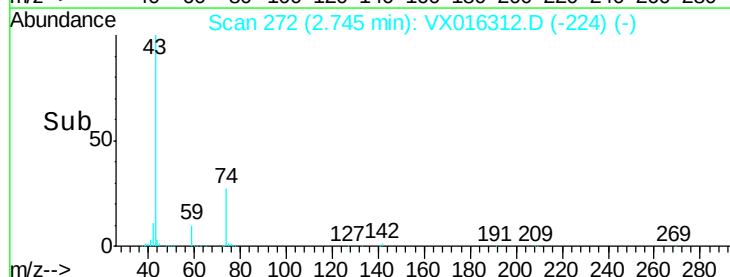
40000

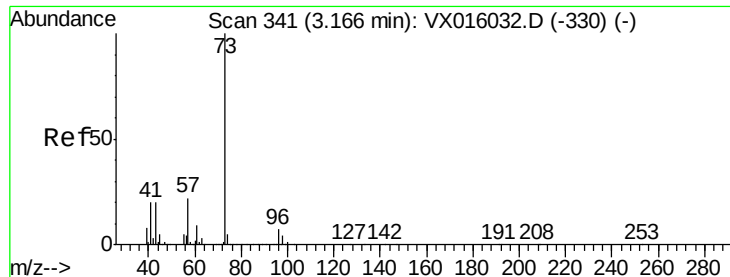
20000

0

Time-->

2.70 2.75 2.80 2.90



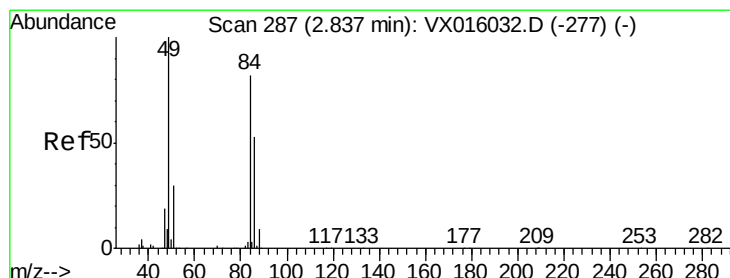
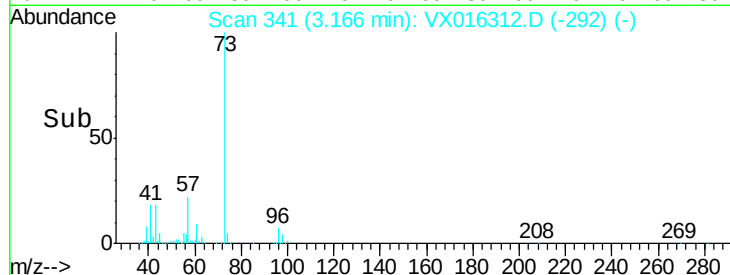
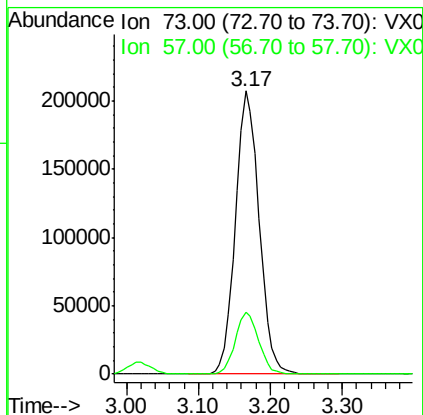
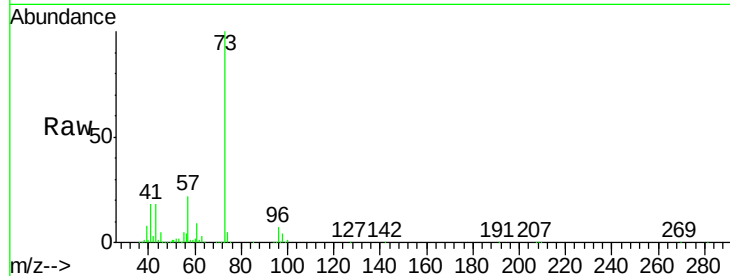


#19

Methyl tert-butyl Ether
 Concen: 51.412 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

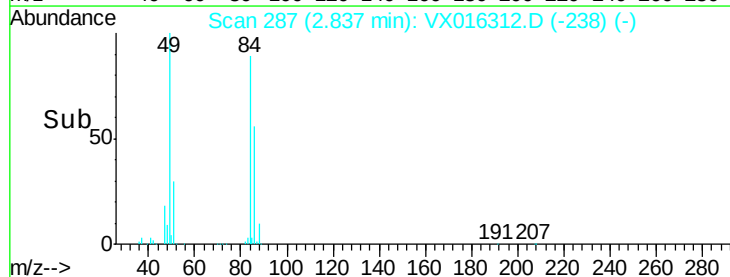
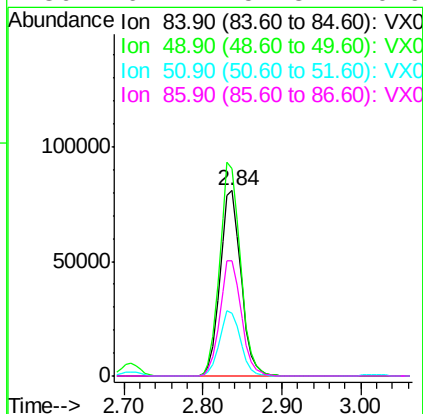
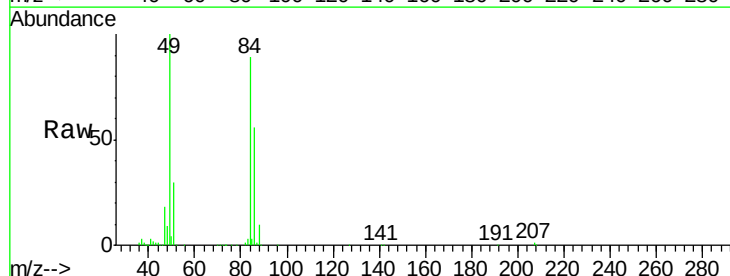
Tot Ion: 73 Resp: 473076
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.8 26.6

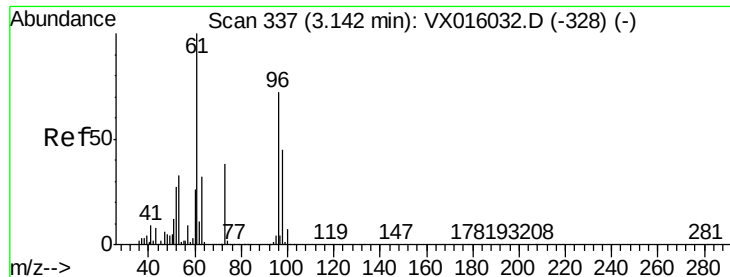


#20

Methylene Chloride
 Concen: 48.187 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion: 84 Resp: 149765
 Ion Ratio Lower Upper
 84 100
 49 112.2 97.3 145.9
 51 34.1 29.3 43.9
 86 62.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.841 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

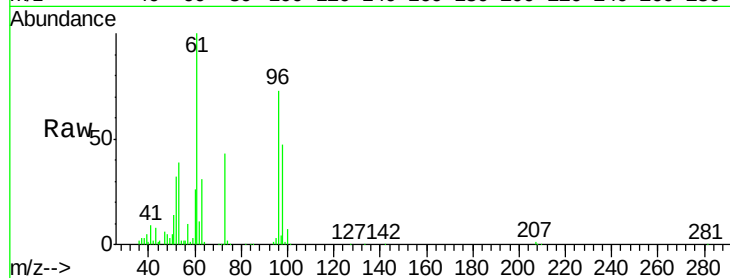
Tot Ion: 96 Resp: 142302

Ion Ratio Lower Upper

96 100

61 136.6 111.2 166.8

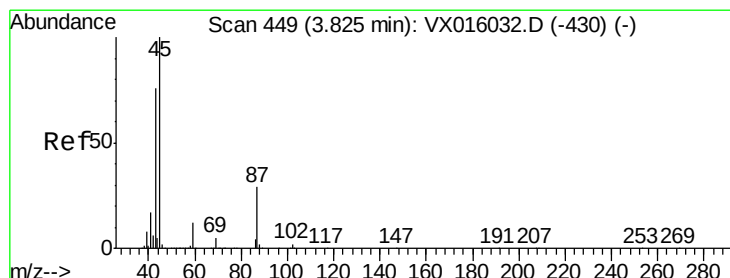
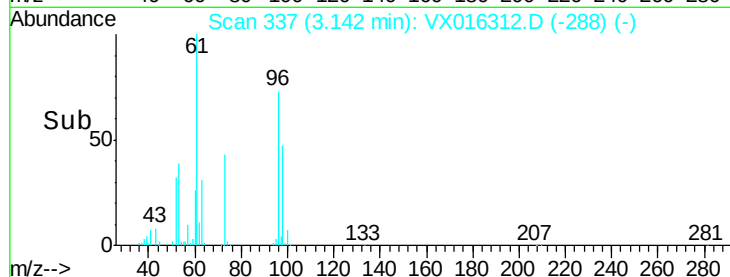
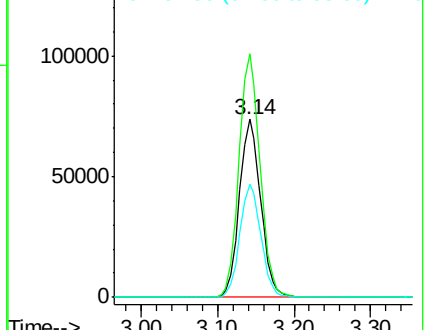
98 63.6 50.2 75.4



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: 49.155 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Tgt Ion: 45 Resp: 453854

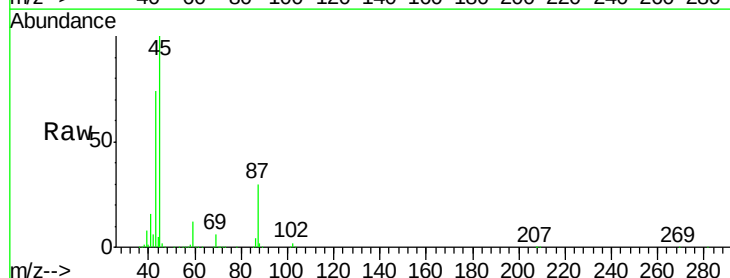
Ion Ratio Lower Upper

45 100

43 74.2 61.1 91.7

87 30.2 23.0 34.6

59 12.0 9.8 14.6

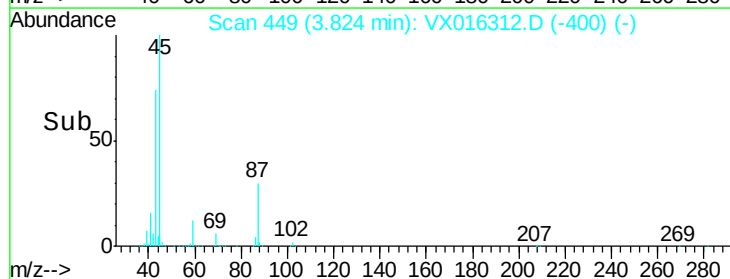
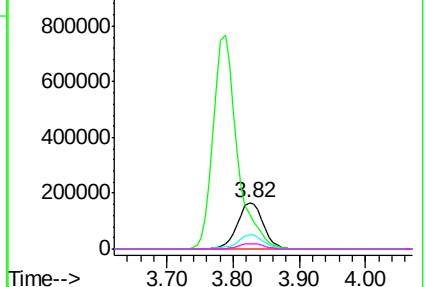


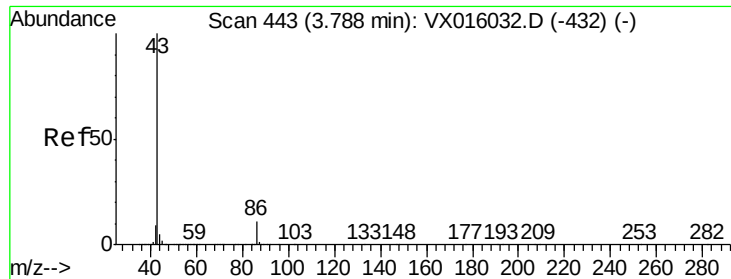
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 237.959 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

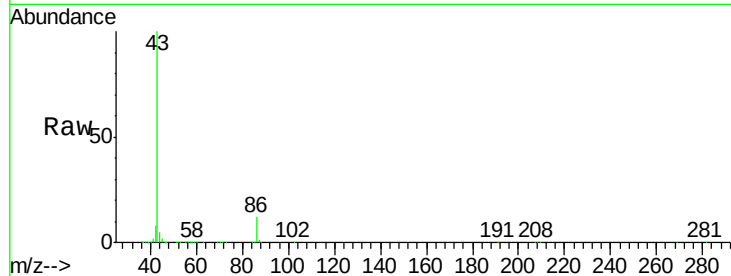
WP021MW173-200514MS

Tot Ion: 43 Resp: 1932978

Ion Ratio Lower Upper

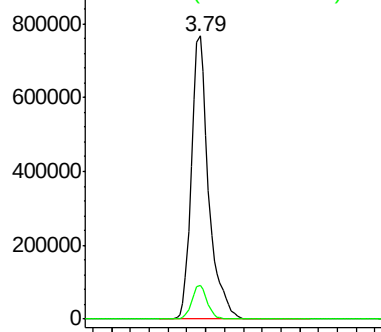
43 100

86 11.9 9.0 13.4

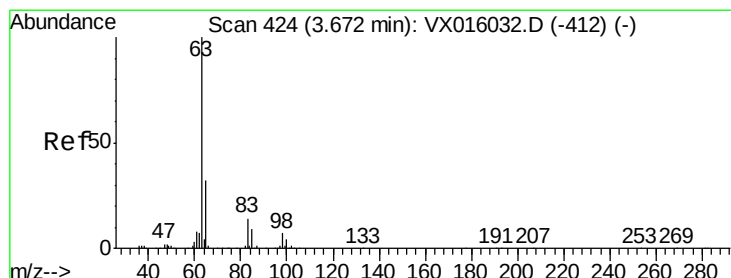
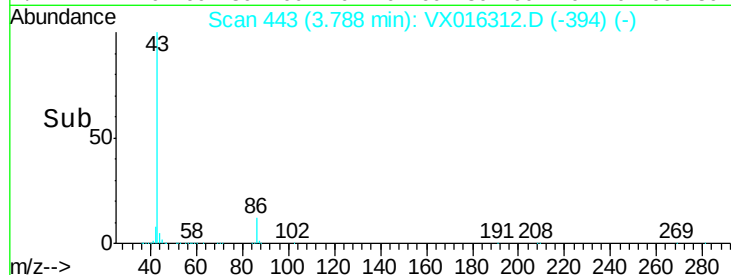


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 49.816 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

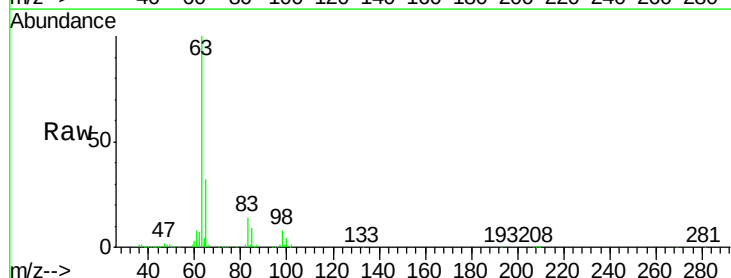
Tgt Ion: 63 Resp: 257301

Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.5

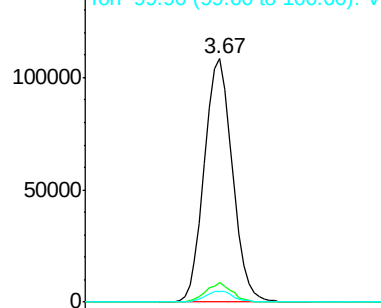
100 4.4 2.1 6.5



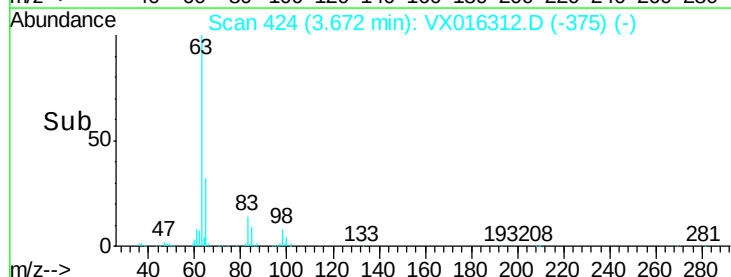
Abundance Ion 62.90 (62.60 to 63.60): VX0

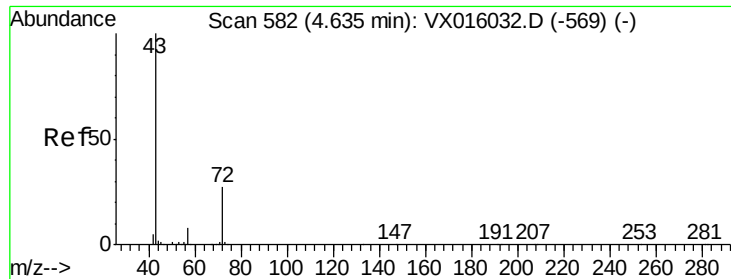
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 249.357 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

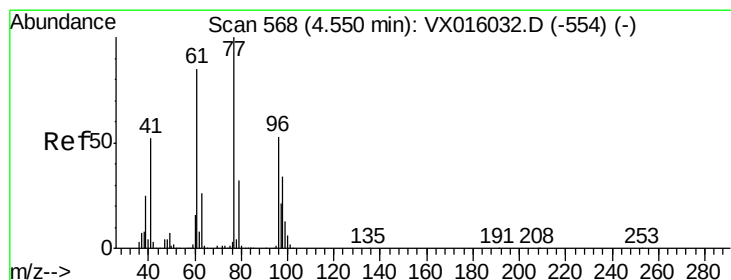
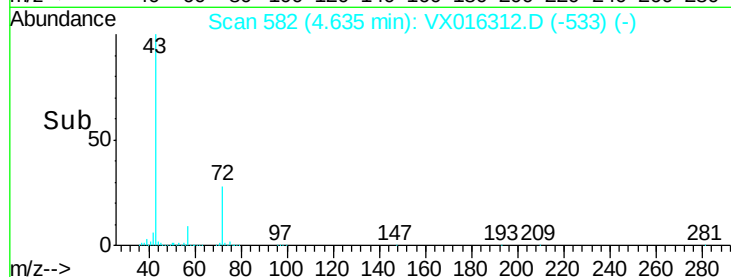
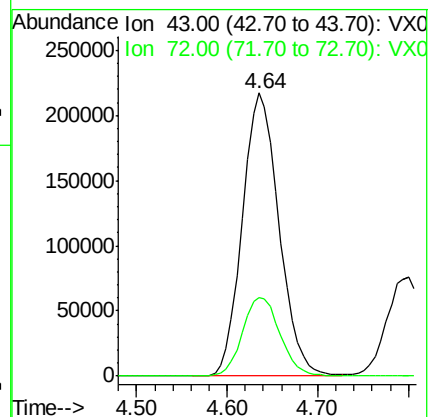
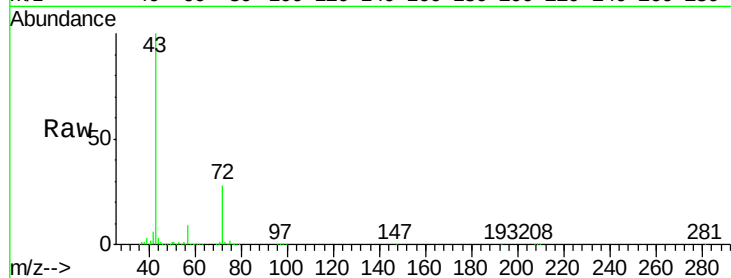
WP021MW173-200514MS

Tot Ion: 43 Resp: 605794

Ion Ratio Lower Upper

43 100

72 27.6 21.8 32.8



#26

2,2-Dichloropropane

Concen: 42.958 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016312.D

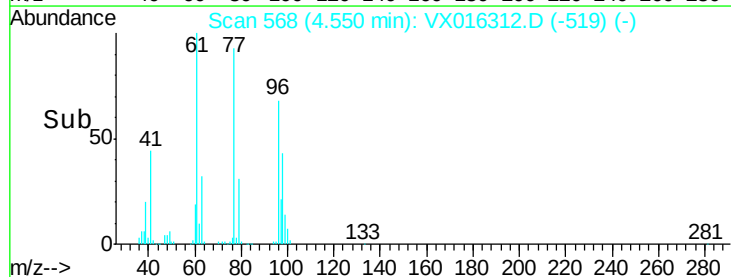
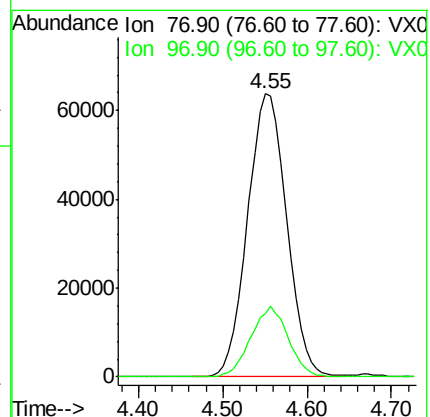
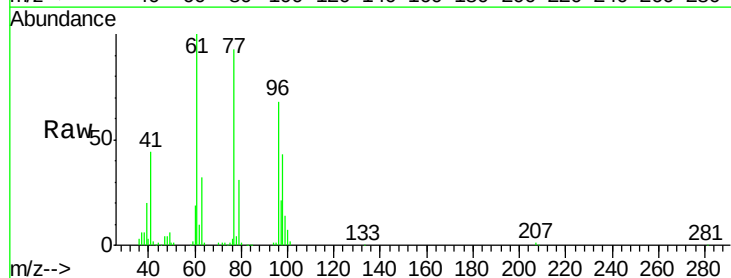
Acq: 18 May 2020 20:42

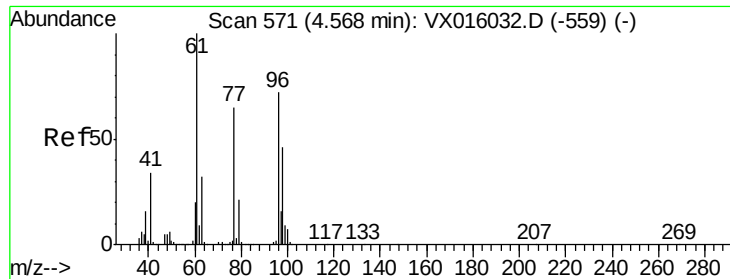
Tgt Ion: 77 Resp: 202629

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.6



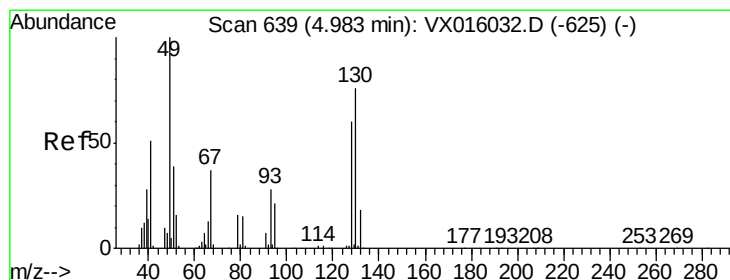
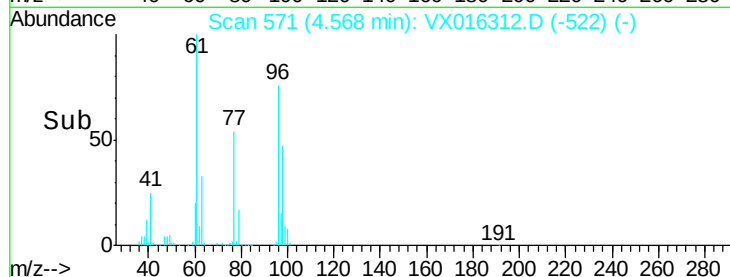
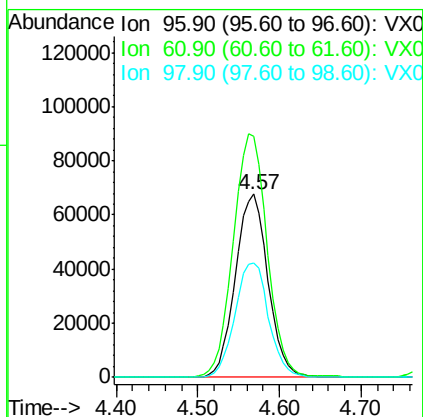
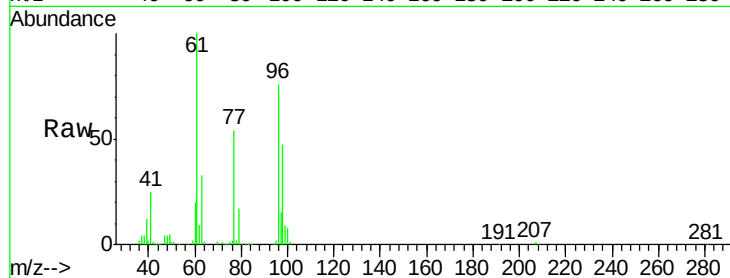


#27

cis-1,2-Dichloroethene
 Concen: 57.690 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

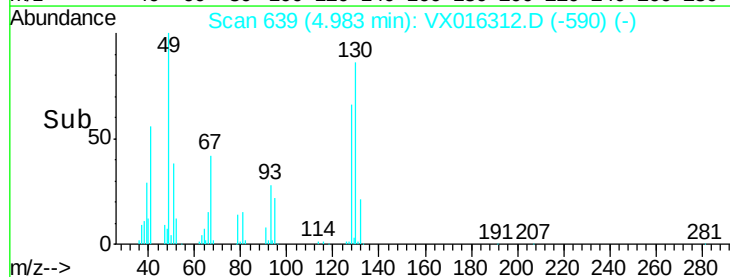
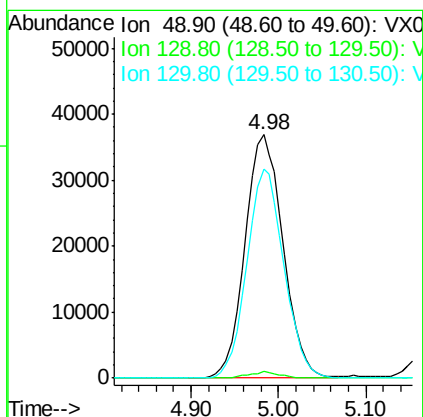
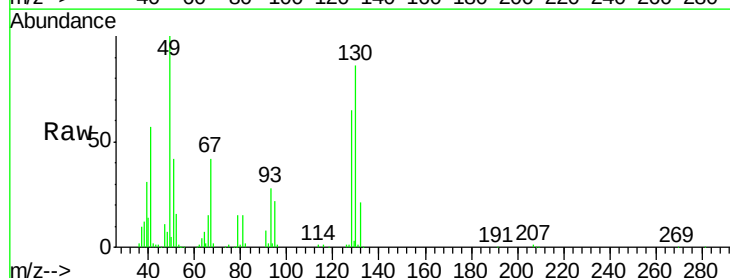
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	296.2
98	64.5	0.0	129.4

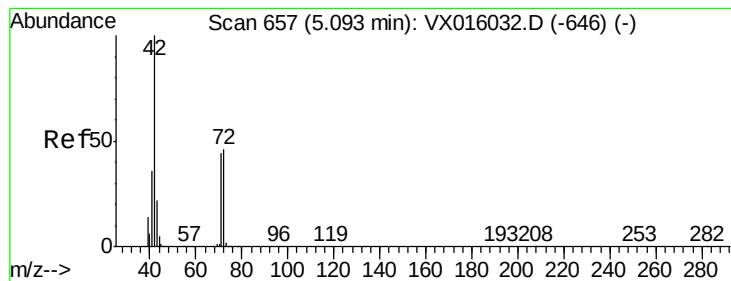


#28

Bromochloromethane
 Concen: 47.289 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	83.5	62.4	93.6





#29

Tetrahydrofuran

Concen: 246.555 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

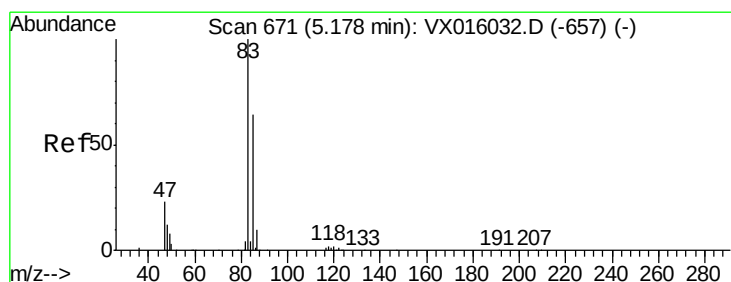
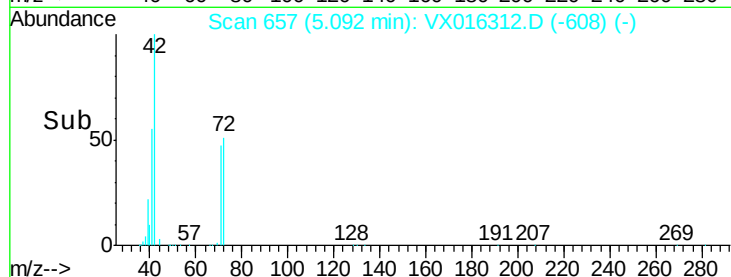
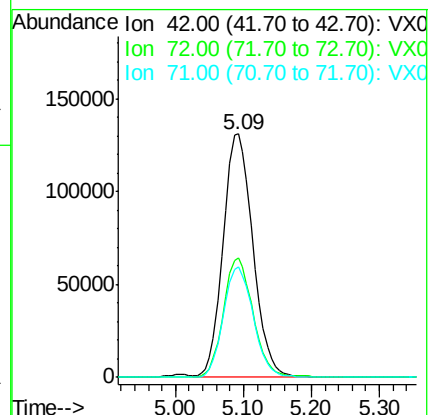
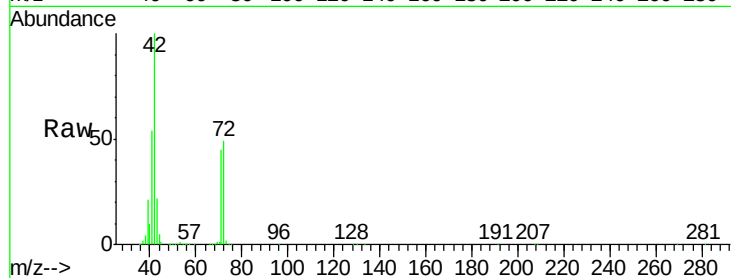
Tot Ion: 42 Resp: 396890

Ion Ratio Lower Upper

42 100

72 49.1 37.1 55.7

71 45.7 34.5 51.7



#30

Chloroform

Concen: 51.026 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016312.D

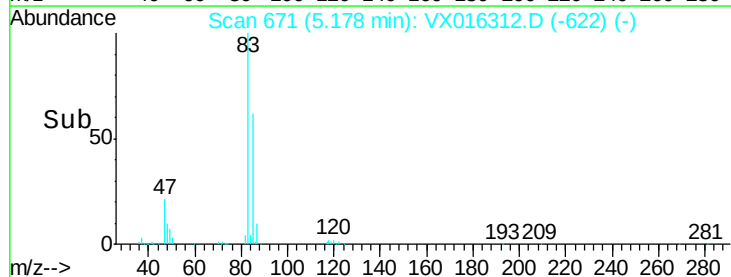
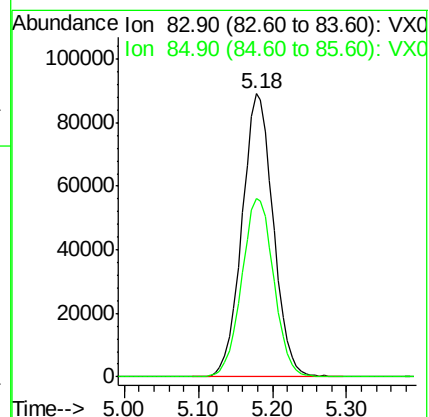
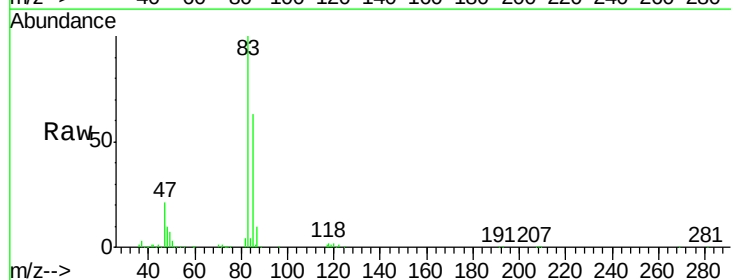
Acq: 18 May 2020 20:42

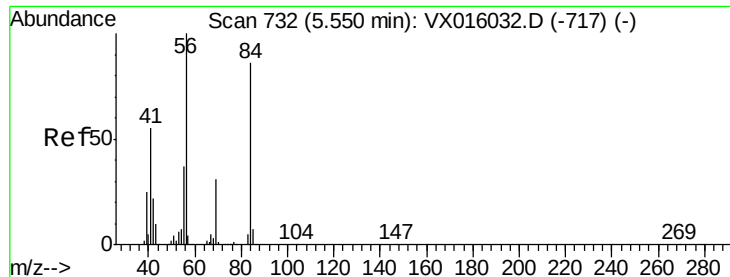
Tgt Ion: 83 Resp: 262406

Ion Ratio Lower Upper

83 100

85 62.9 51.6 77.4

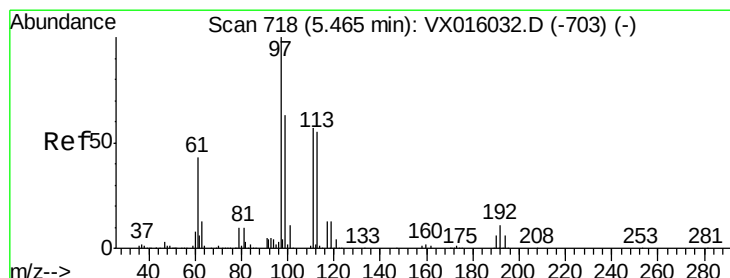
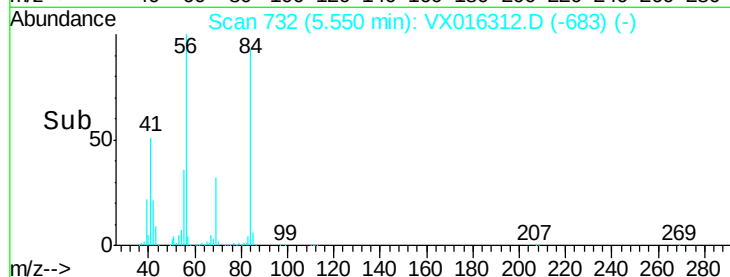
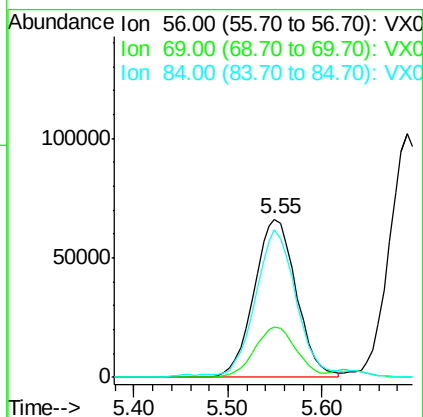
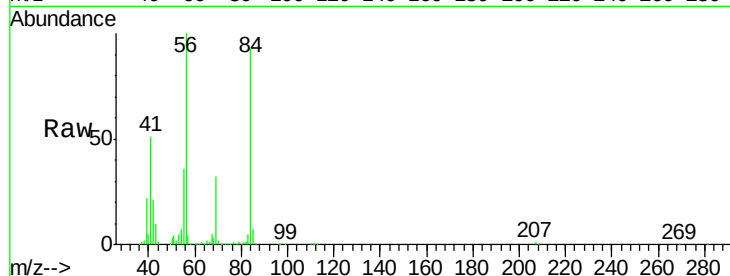




#31
Cyclohexane
Concen: 44.200 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

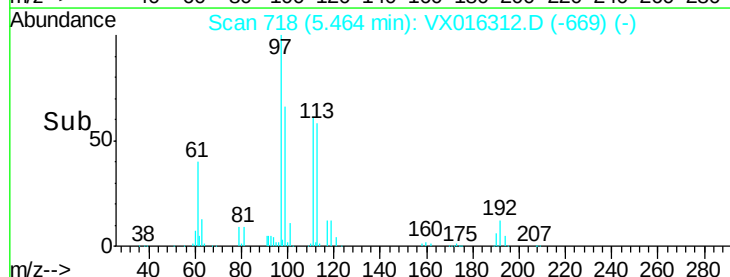
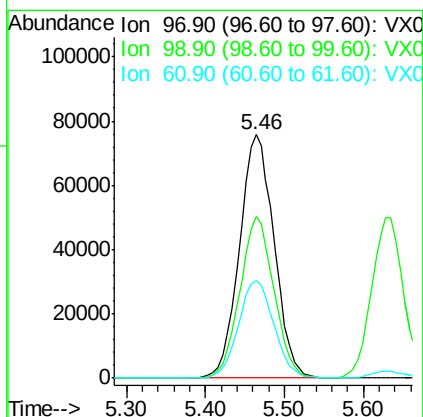
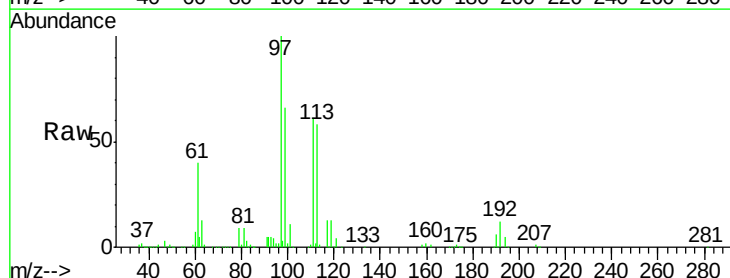
Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

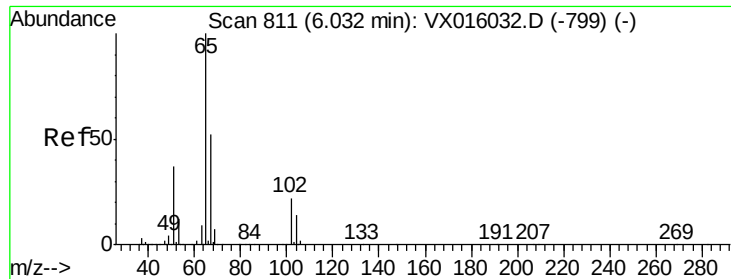
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.0	37.6
84	91.8	69.0	103.6



#32
1,1,1-Trichloroethane
Concen: 49.390 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.0	76.4
61	41.1	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 45.794 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

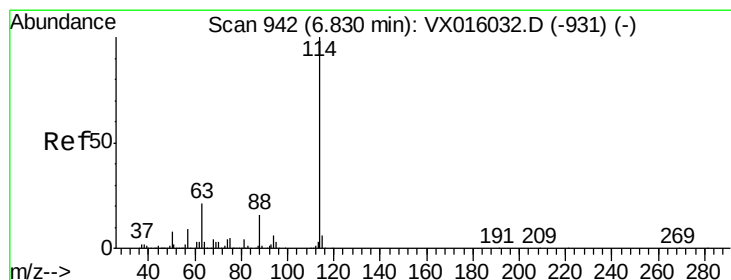
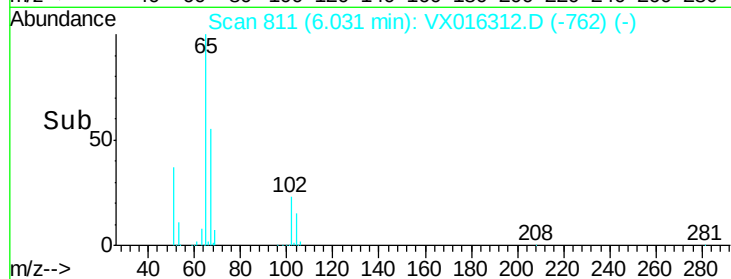
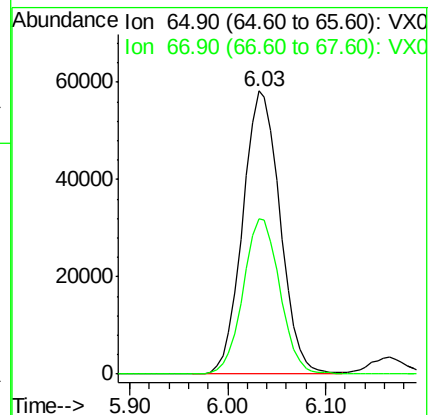
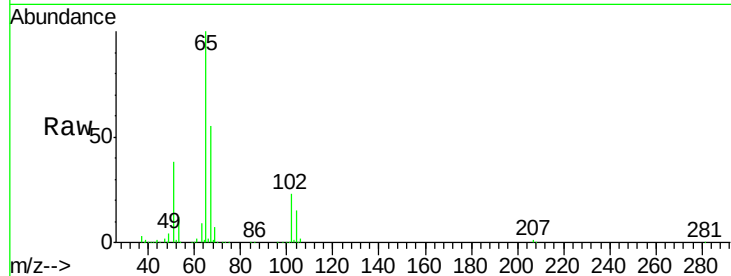
WP021MW173-200514MS

Tot Ion: 65 Resp: 154733

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

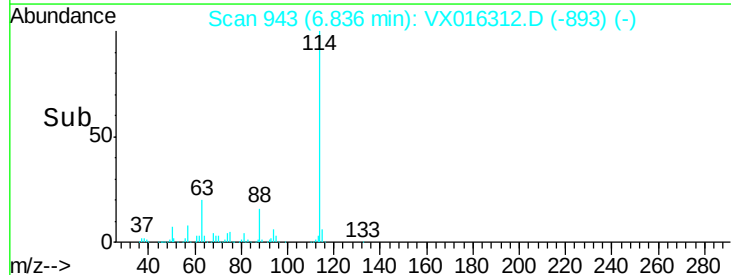
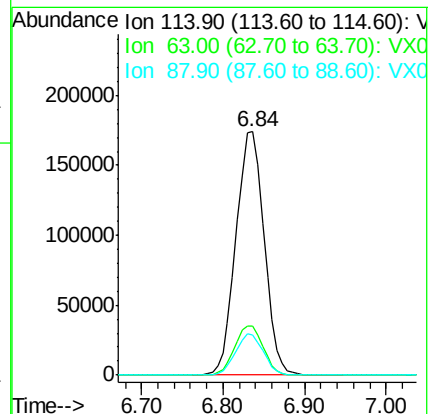
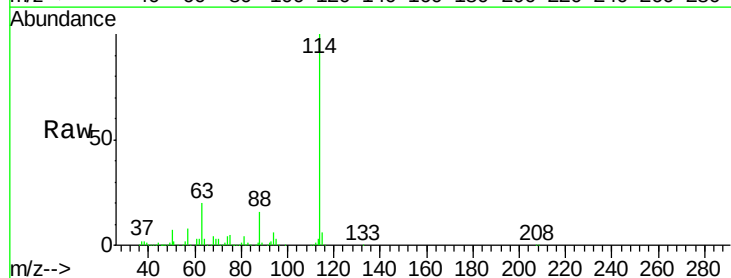
Tgt Ion: 114 Resp: 415929

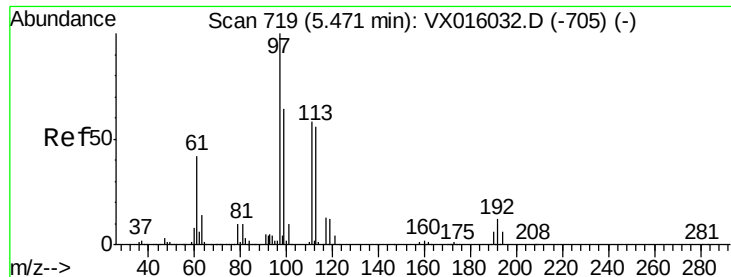
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 16.3 0.0 31.4

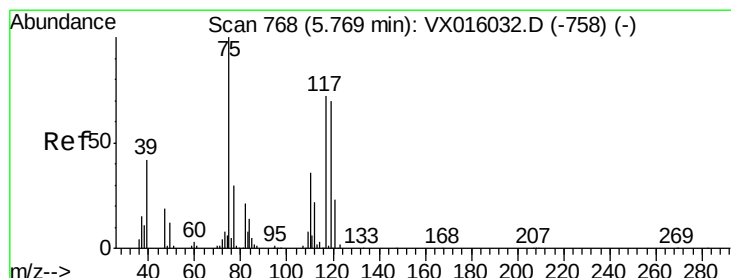
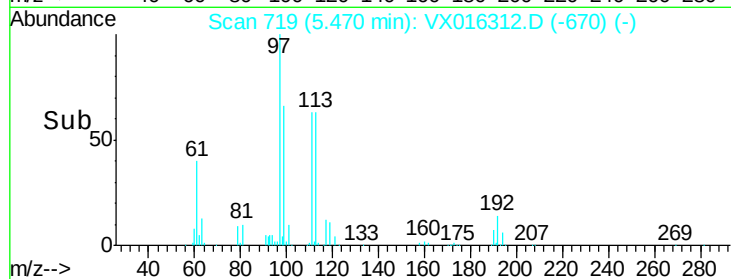
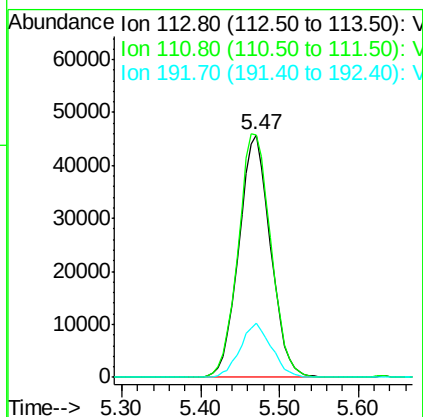
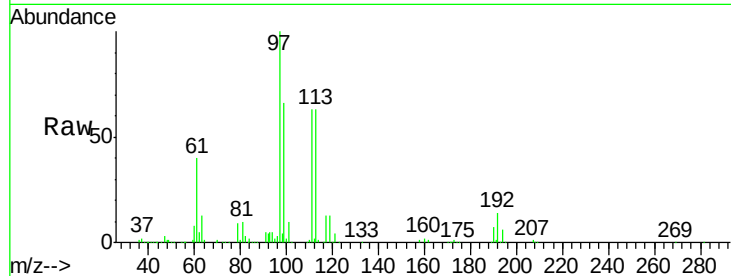




#35
 Dibromofluoromethane
 Concen: 48.422 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

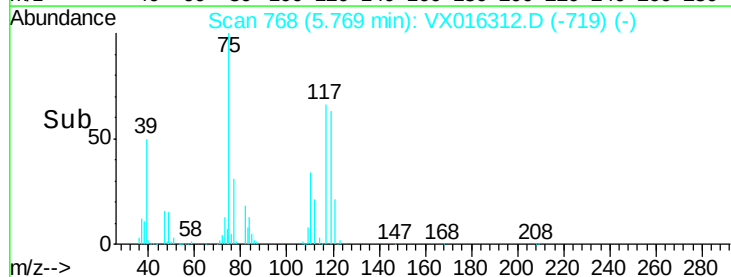
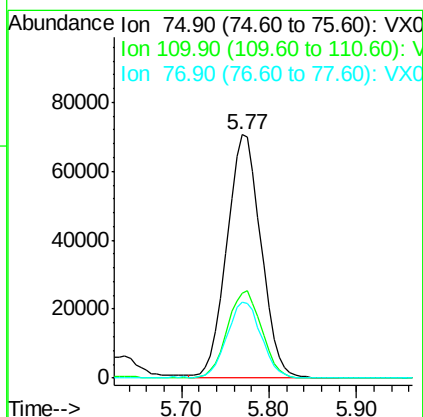
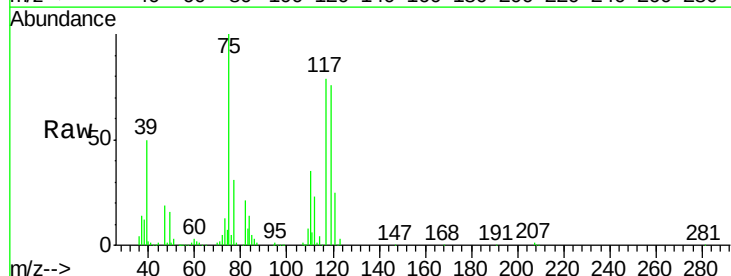
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

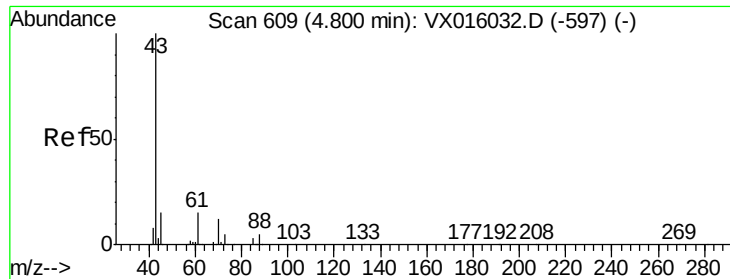
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.6	122.4
192	22.1	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 46.766 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.1	54.1
77	31.6	25.0	37.6

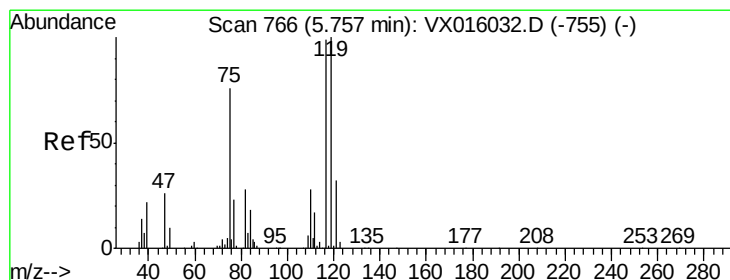
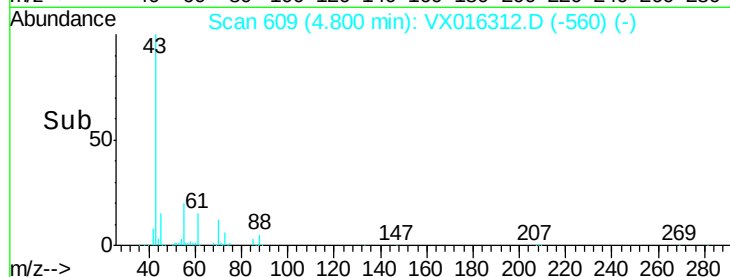
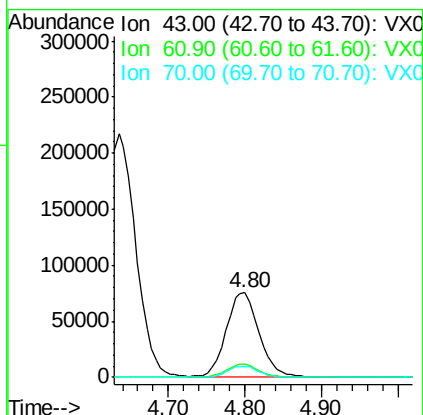
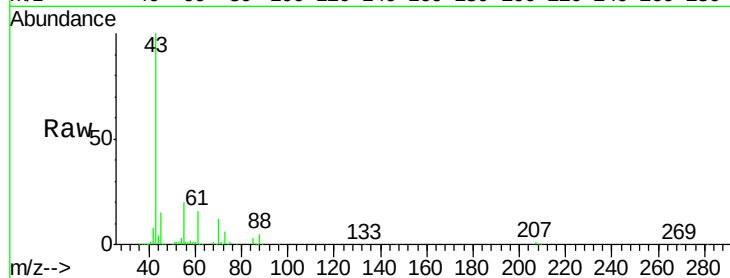




#37
Ethyl Acetate
Concen: 47.102 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

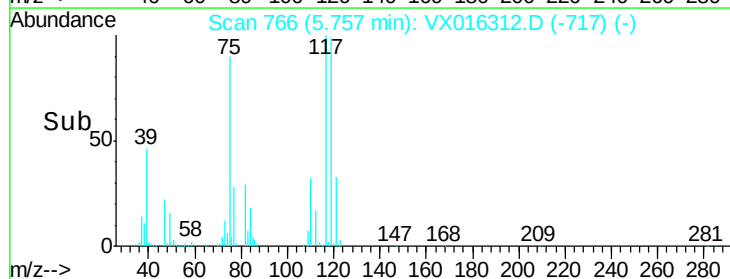
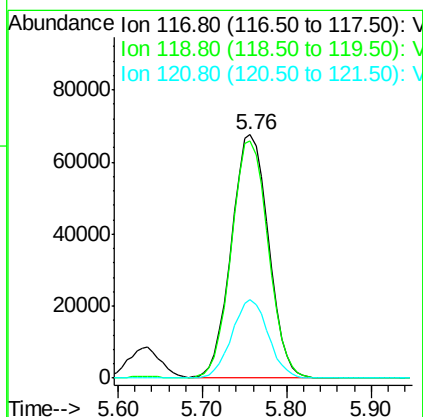
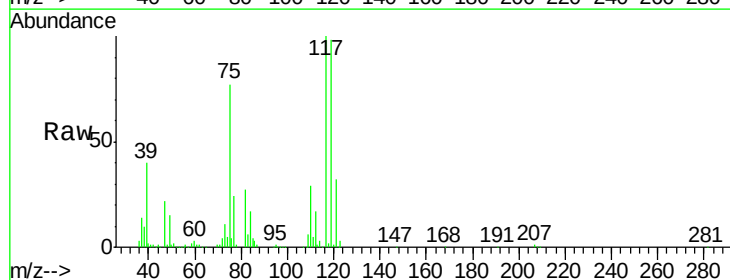
Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

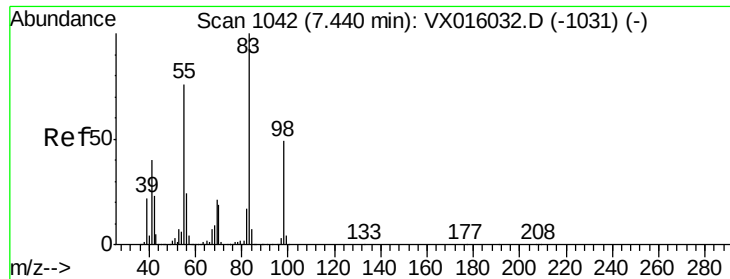
Tot Ion	43	Resp	223515
Ion Ratio	100		
Lower	11.7		
Upper	17.5		
70	12.3	9.3	13.9



#38
Carbon Tetrachloride
Concen: 48.452 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	117	Resp	201635
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	80.3		
Upper	120.5		
119	97.6	25.7	38.5

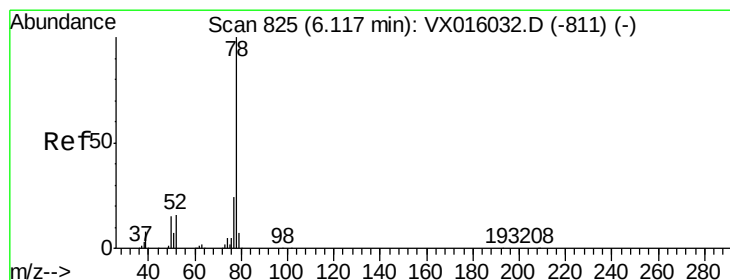
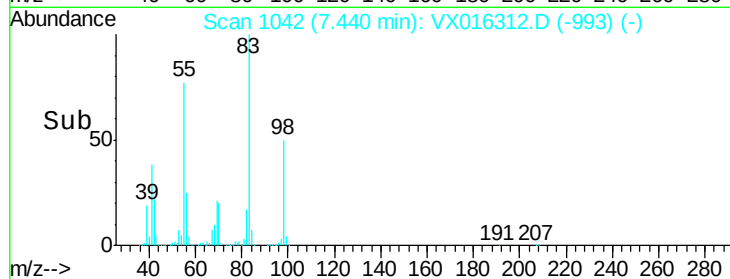
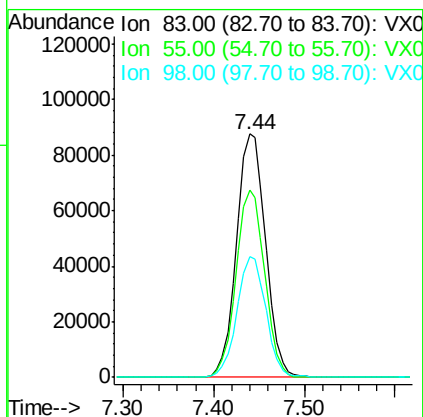
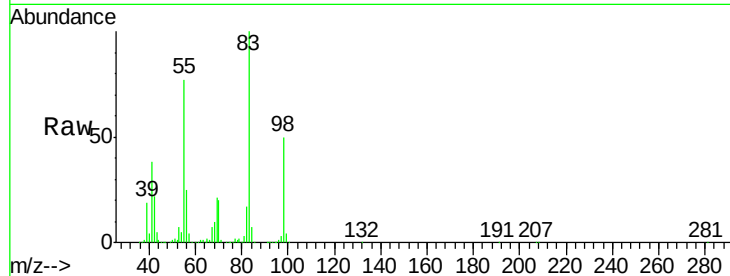




#39
Methylvlcyclohexane
Concen: 39.659 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

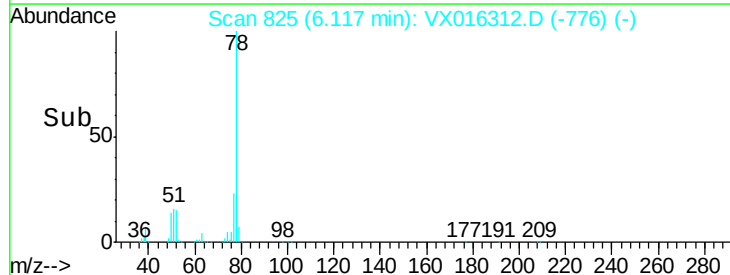
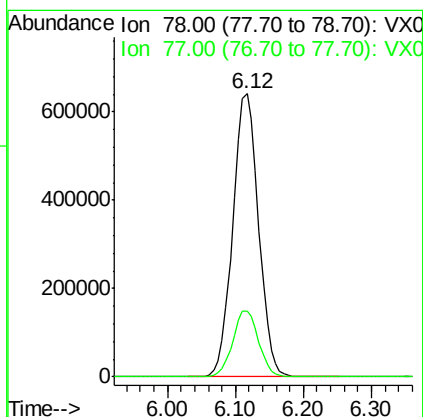
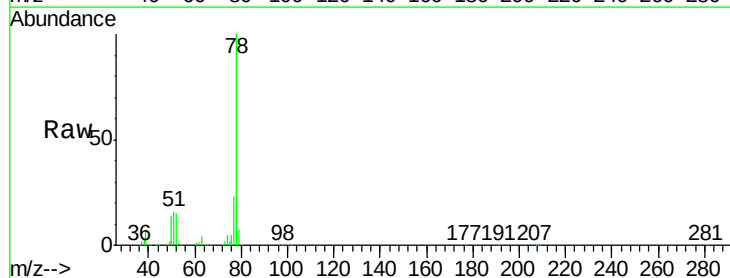
Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

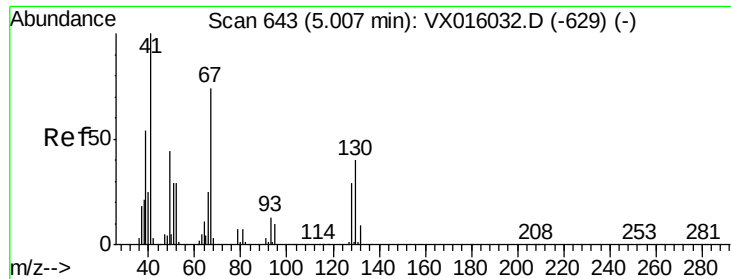
Tot Ion: 83 Resp: 195543
Ion Ratio Lower Upper
83 100
55 77.1 61.1 91.7
98 49.5 39.0 58.4



#40
Benzene
Concen: 140.493 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion: 78 Resp: 1683045
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

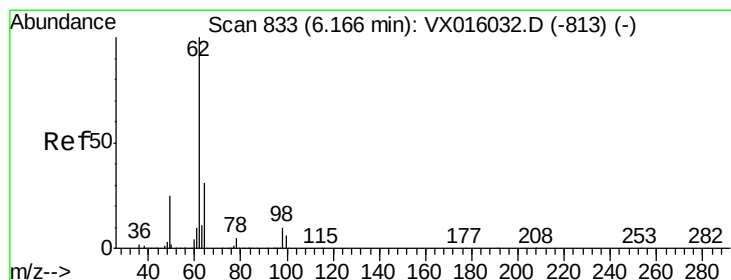
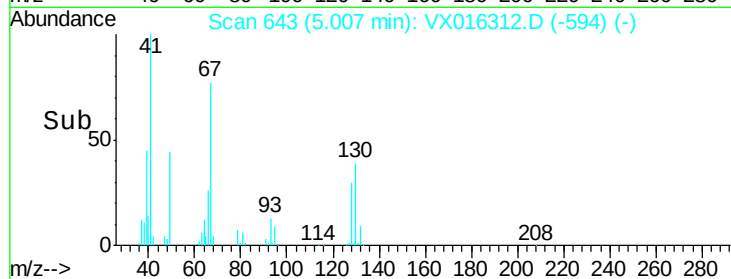
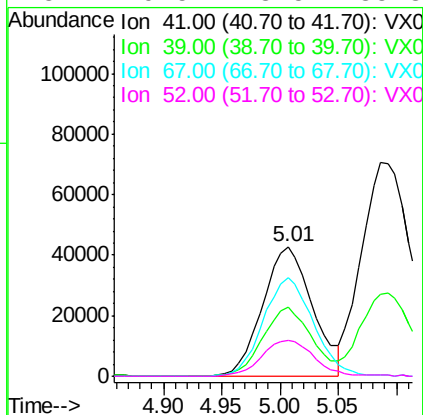
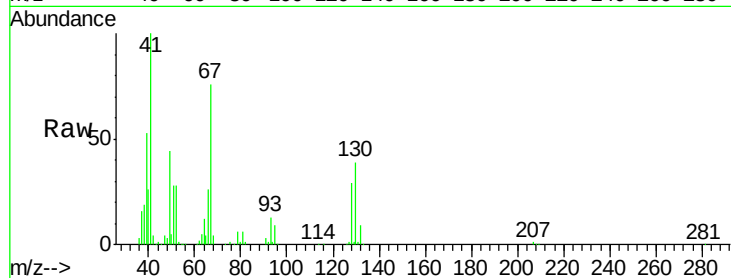




#41
Methacrylonitrile
Concen: 49.576 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

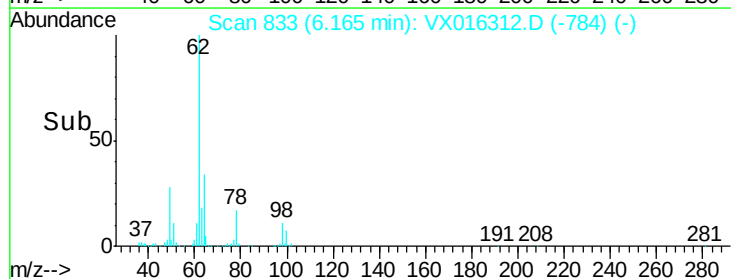
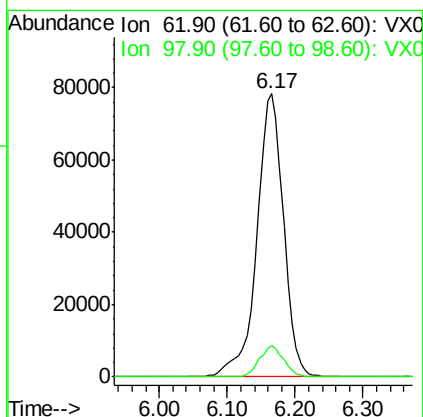
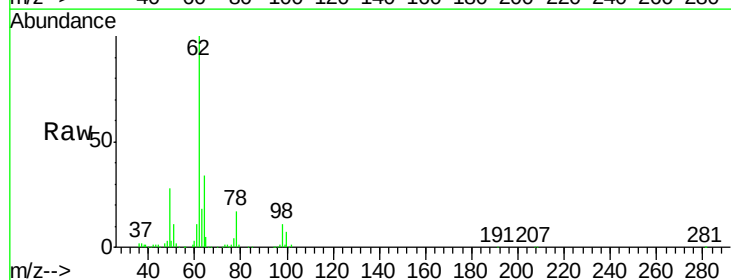
Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

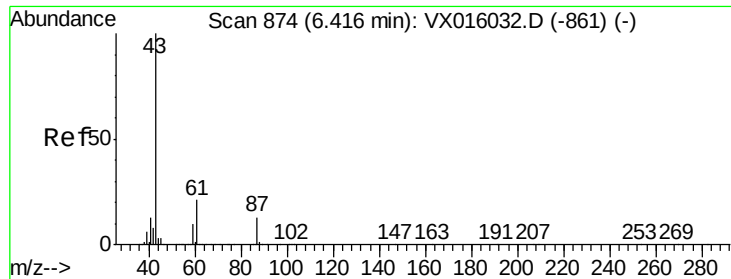
Tot Ion:	41	Resp:	127050
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.2	64.8
67	76.8	59.3	88.9
52	29.5	23.5	35.3



#42
1,2-Dichloroethane
Concen: 49.846 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion:	62	Resp:	215105
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4





#43

Isopropyl Acetate

Concen: 47.732 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

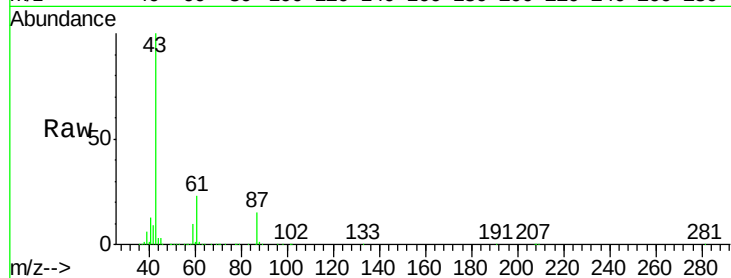
Tot Ion: 43 Resp: 361398

Ion Ratio Lower Upper

43 100

61 22.4 17.0 25.4

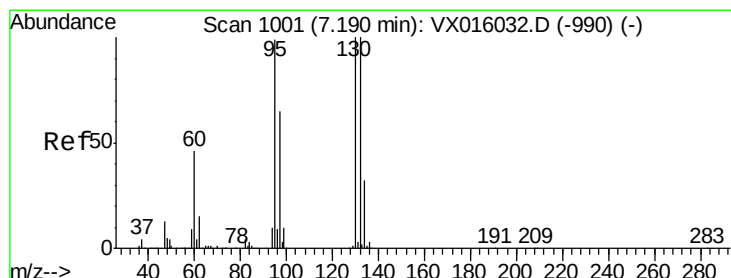
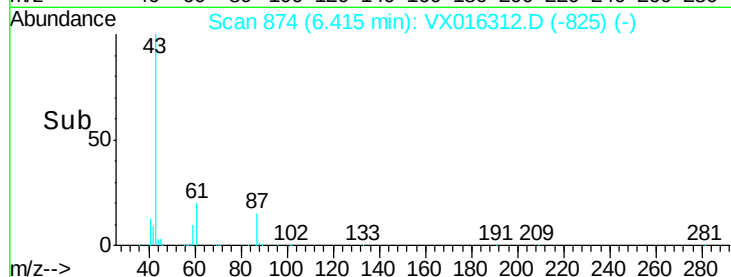
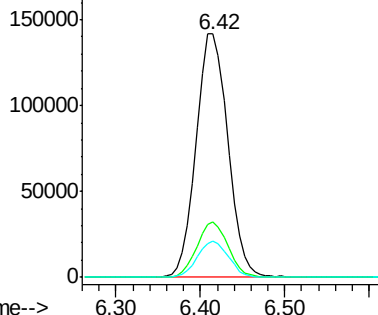
87 14.8 11.0 16.6



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: 41.992 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016312.D

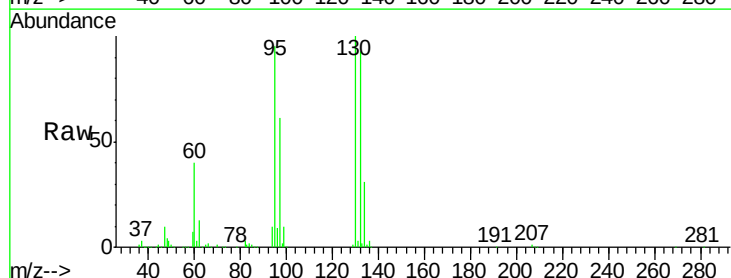
Acq: 18 May 2020 20:42

Tgt Ion:130 Resp: 178715

Ion Ratio Lower Upper

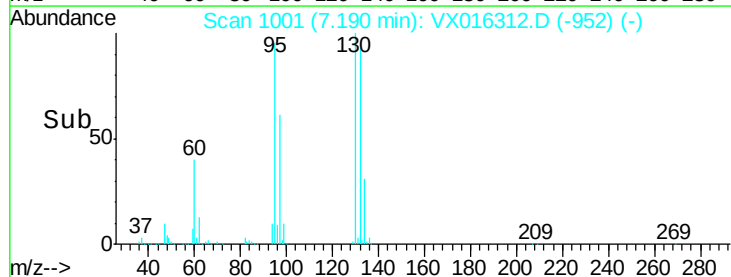
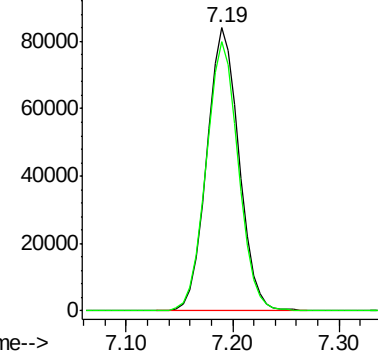
130 100

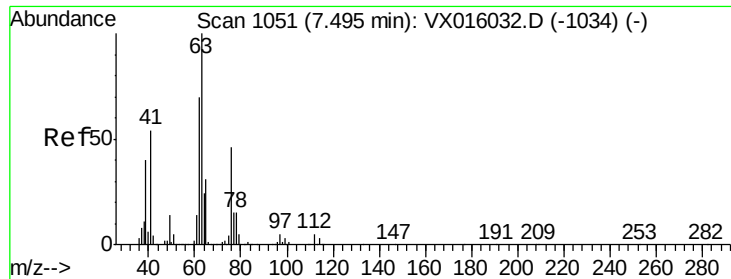
95 95.3 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.006 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

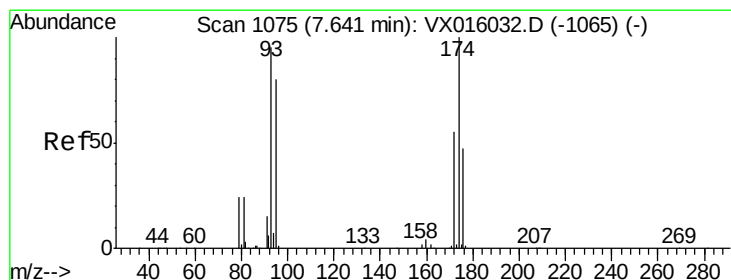
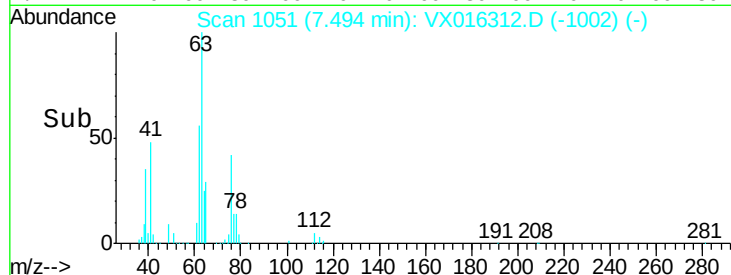
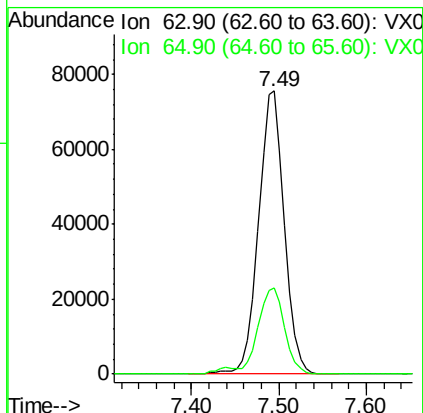
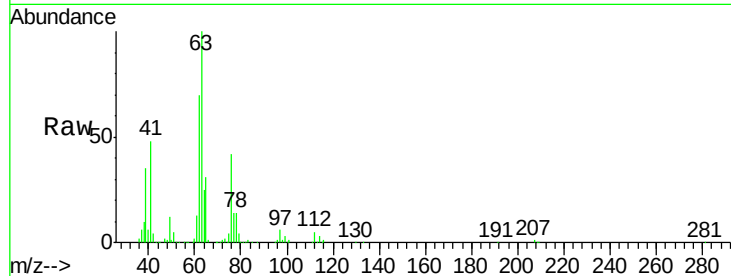
WP021MW173-200514MS

Tot Ion: 63 Resp: 154611

Ion Ratio Lower Upper

63 100

65 30.6 24.4 36.6



#46

Dibromomethane

Concen: 49.532 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

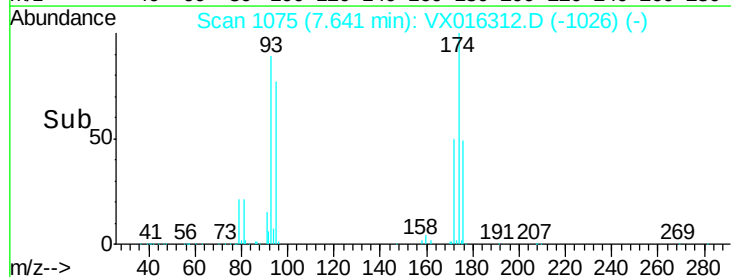
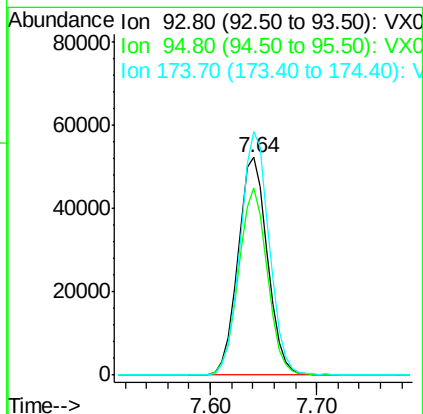
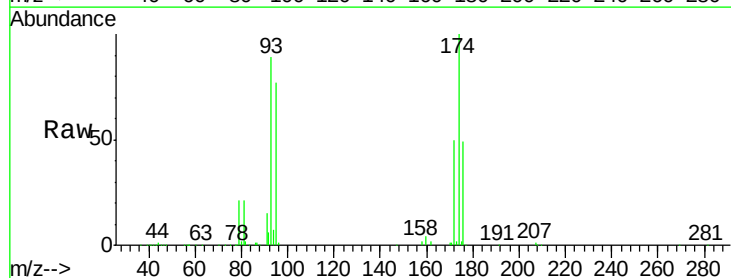
Tgt Ion: 93 Resp: 102034

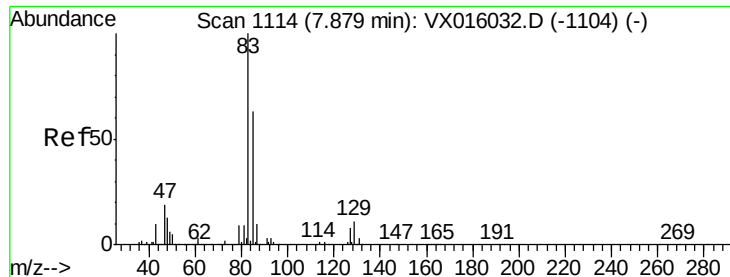
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

174 110.0 84.2 126.4





#47

Bromodichloromethane

Concen: 51.191 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

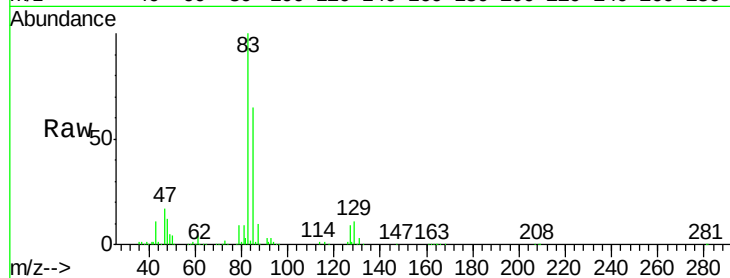
Tot Ion: 83 Resp: 214766

Ion Ratio Lower Upper

83 100

85 65.2 50.5 75.7

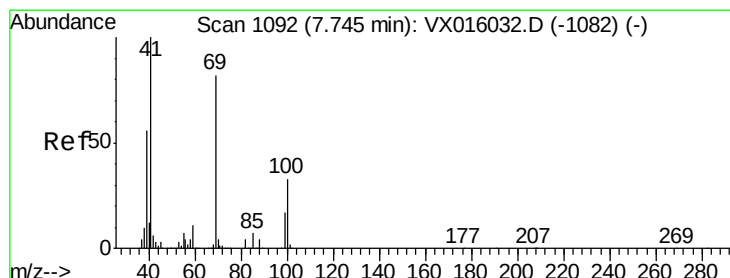
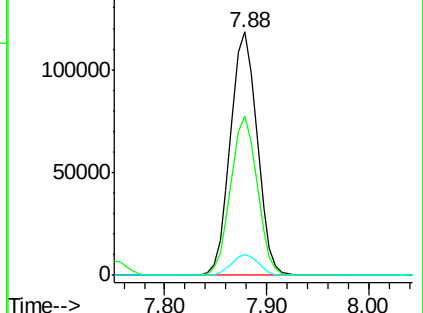
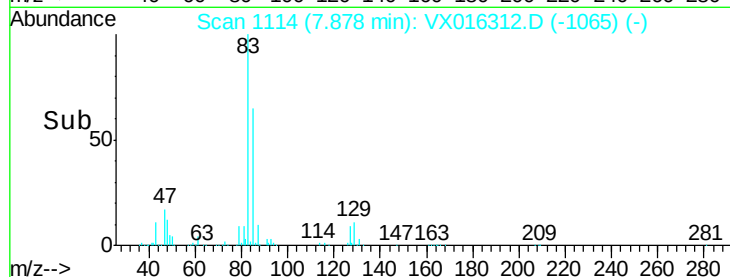
127 8.5 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.377 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

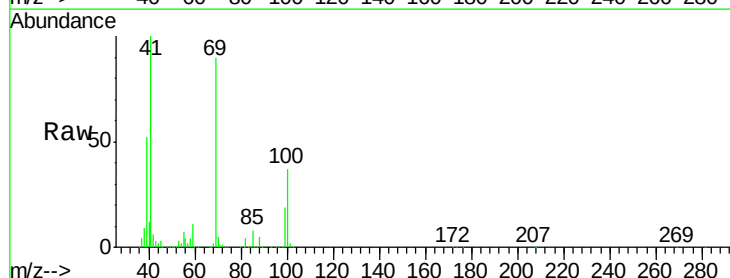
Tgt Ion: 41 Resp: 173561

Ion Ratio Lower Upper

41 100

69 91.0 67.8 101.6

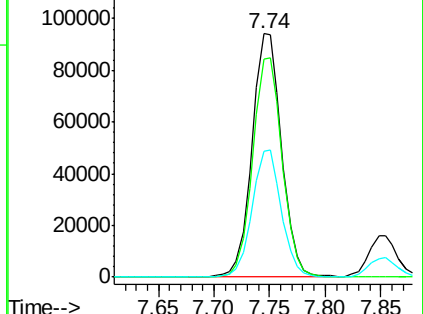
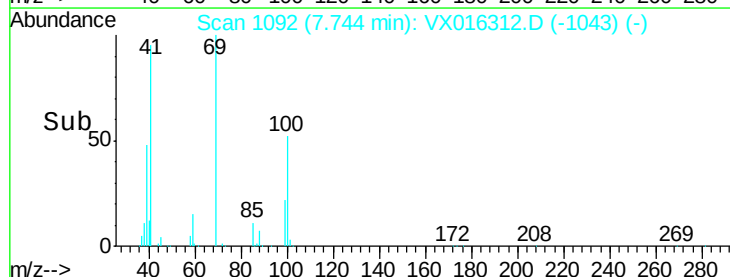
39 51.7 44.6 67.0

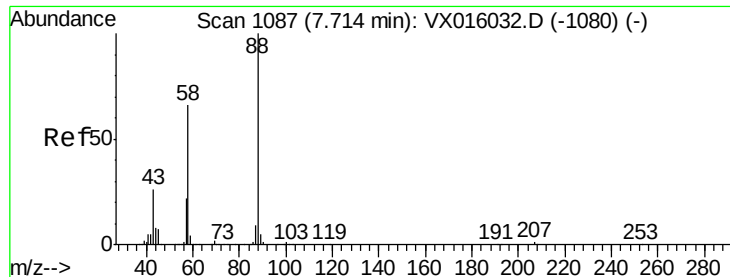


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 896.028 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

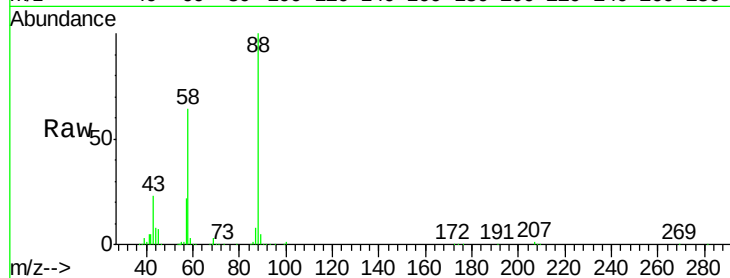
Tot Ion: 88 Resp: 77098

Ion Ratio Lower Upper

88 100

43 29.1 25.3 37.9

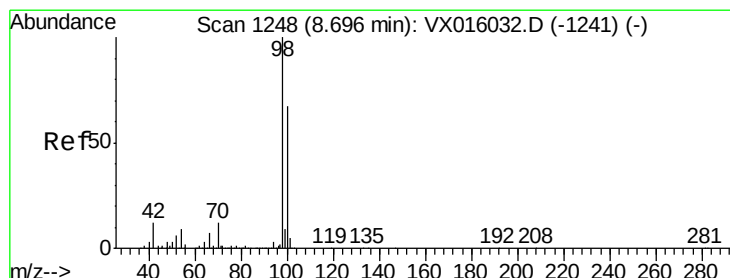
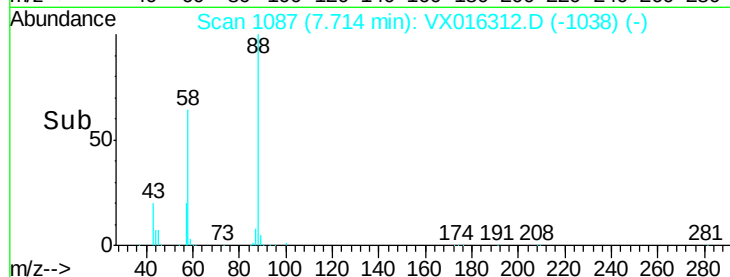
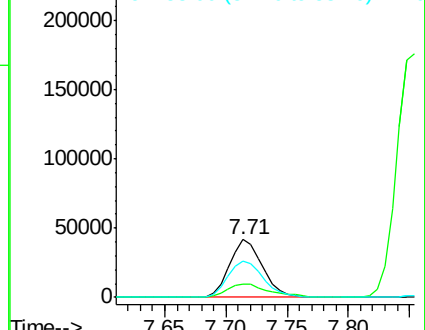
58 68.9 55.9 83.9



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: 48.671 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016312.D

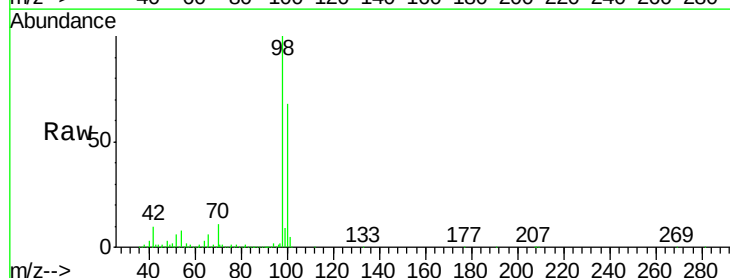
Acq: 18 May 2020 20:42

Tgt Ion: 98 Resp: 494161

Ion Ratio Lower Upper

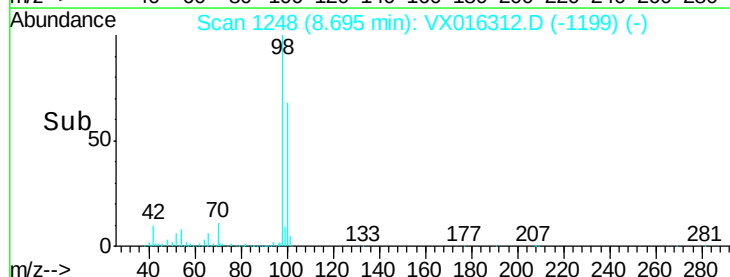
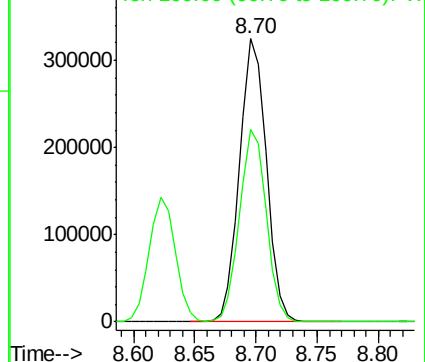
98 100

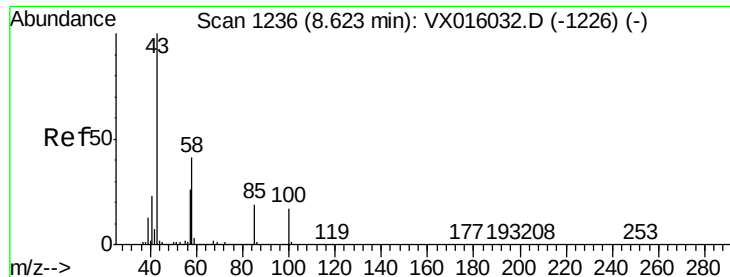
100 67.6 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

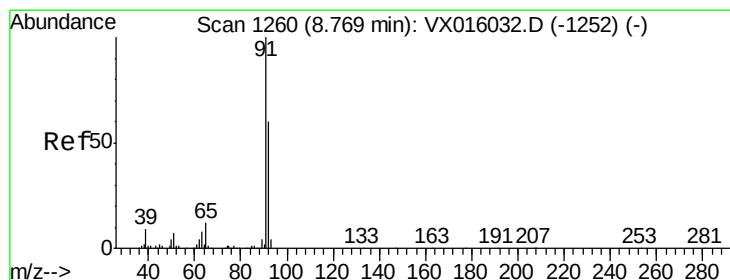
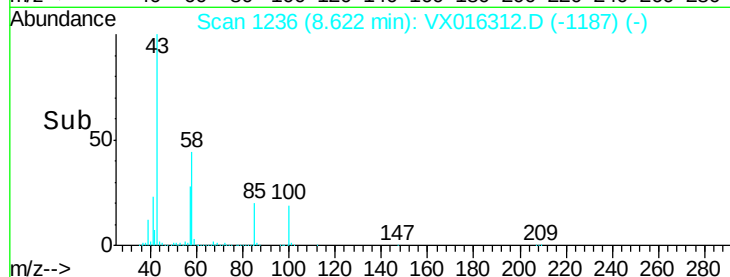
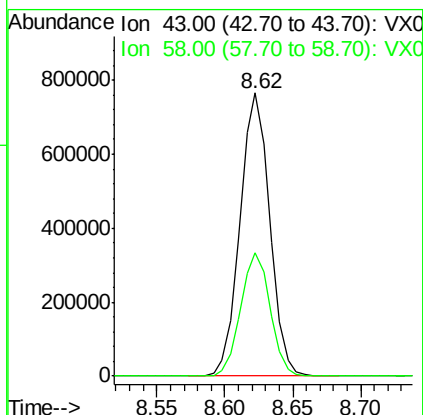
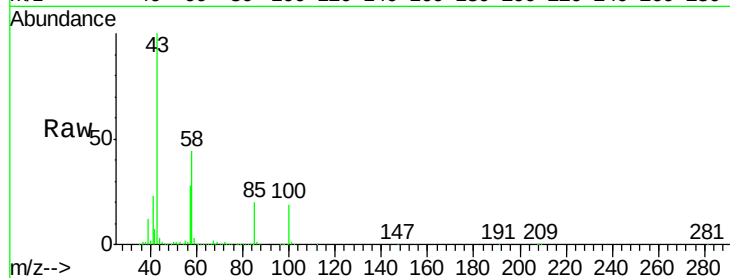




#51
4-Methyl-2-Pentanone
Concen: 252.195 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

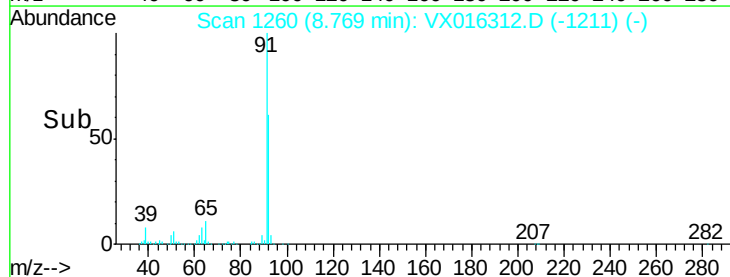
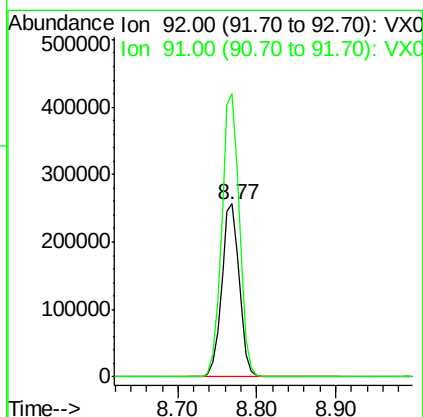
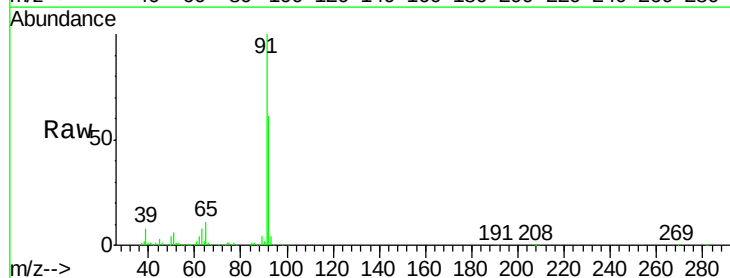
Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

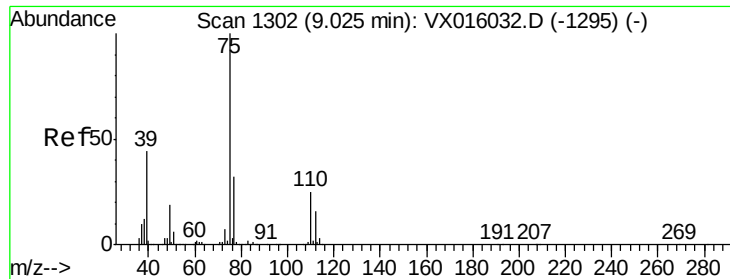
Tot Ion: 43 Resp: 1168477
Ion Ratio Lower Upper
43 100
58 43.3 33.0 49.4



#52
Toluene
Concen: 52.680 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion: 92 Resp: 393361
Ion Ratio Lower Upper
92 100
91 165.4 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 49.254 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

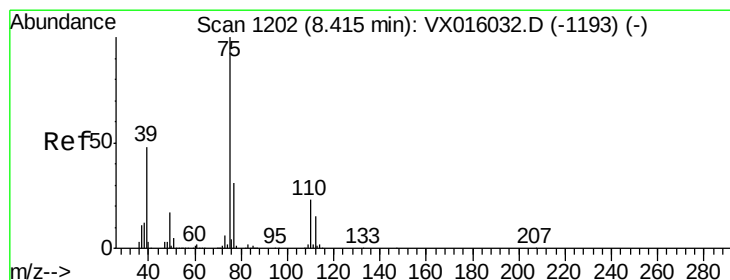
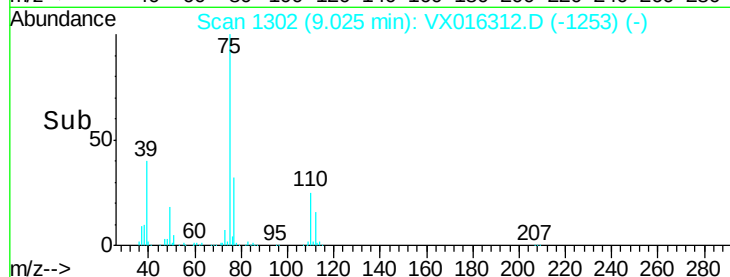
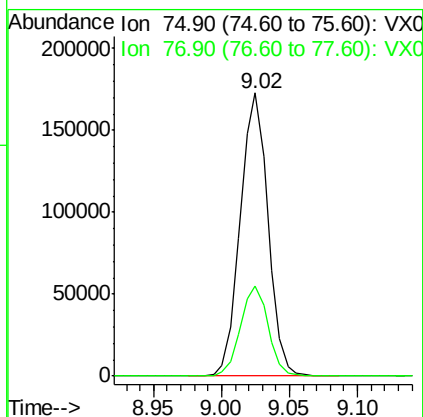
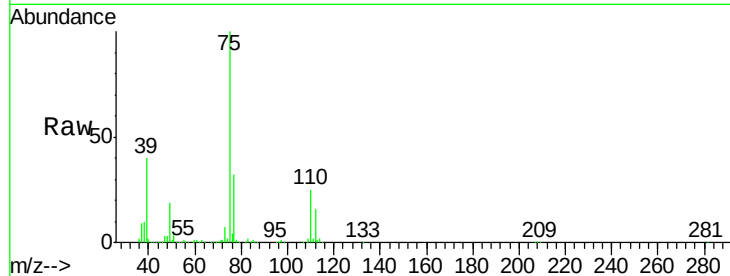
WP021MW173-200514MS

Tot Ion: 75 Resp: 246376

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 49.170 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

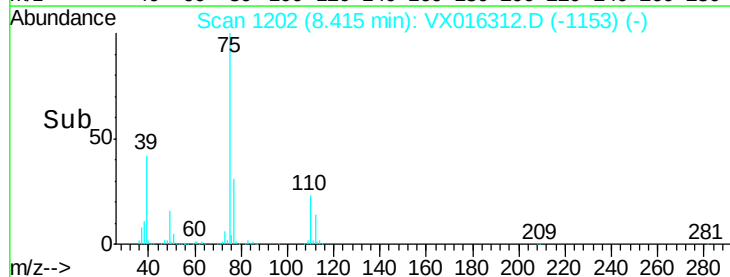
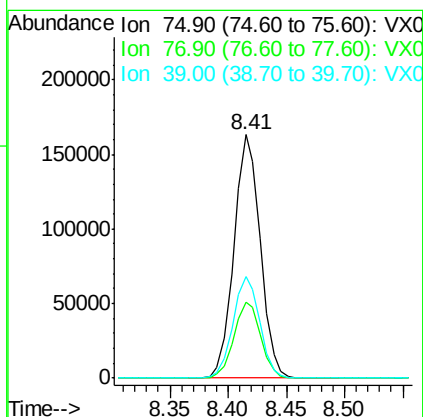
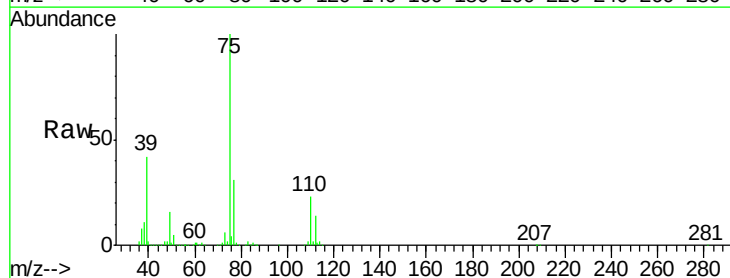
Tgt Ion: 75 Resp: 256903

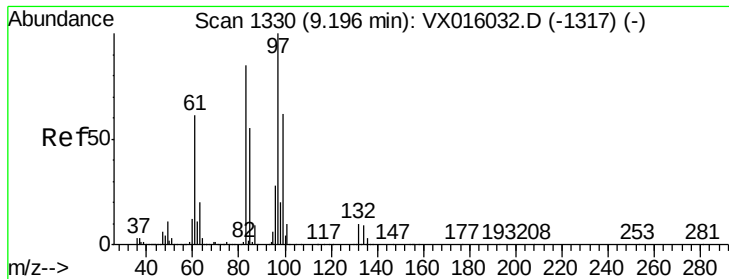
Ion Ratio Lower Upper

75 100

77 31.1 24.7 37.1

39 41.7 38.7 58.1

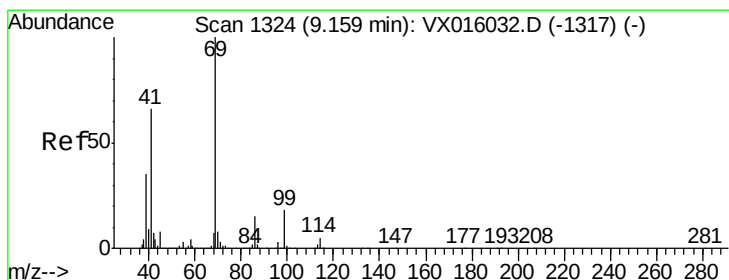
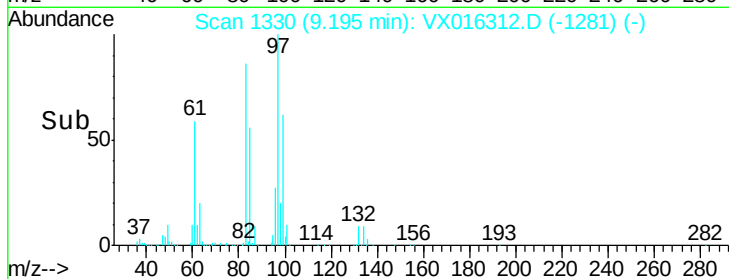
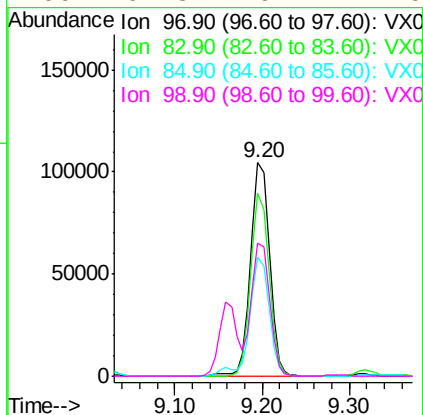
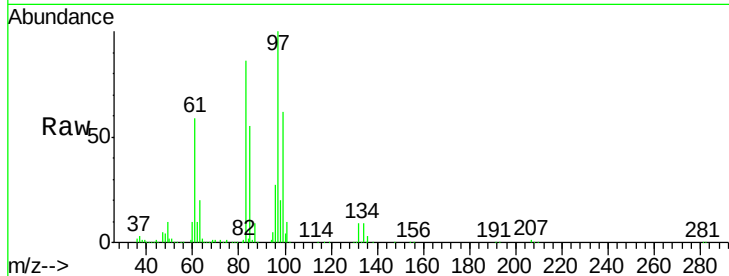




#55
 1,1,2-Trichloroethane
 Concen: 53.861 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

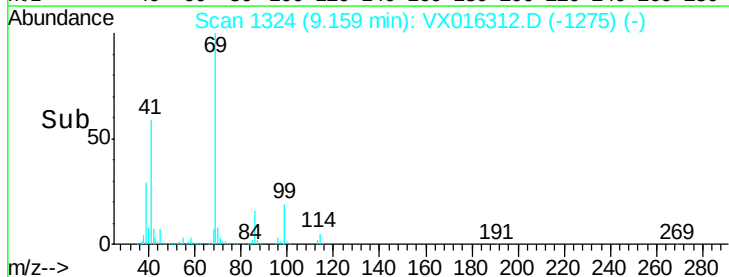
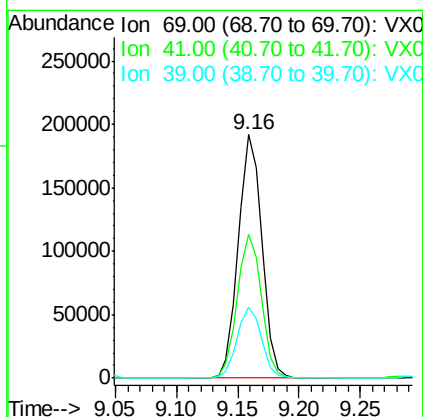
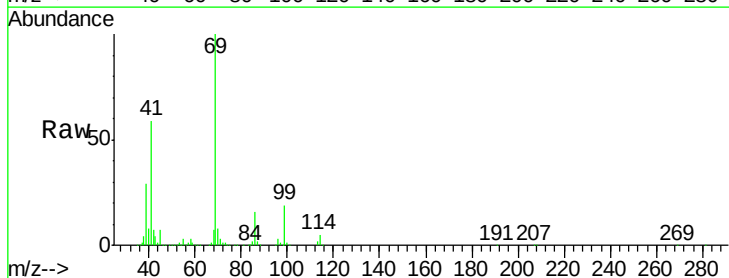
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

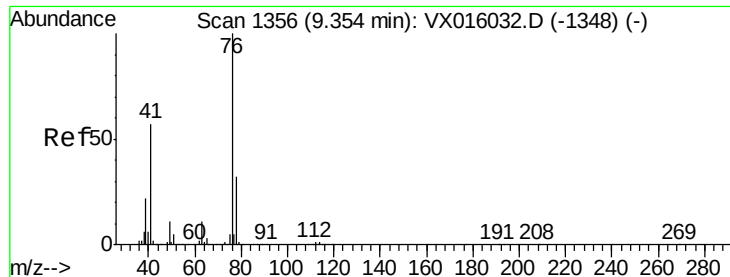
Tot Ion:	97	Resp:	158232
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.8	101.8
85	55.5	43.8	65.8
99	62.3	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 53.463 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion:	69	Resp:	256376
Ion	Ratio	Lower	Upper
69	100		
41	59.9	52.2	78.4
39	29.9	28.2	42.4





#57

1,3-Dichloropropane

Concen: 52.213 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

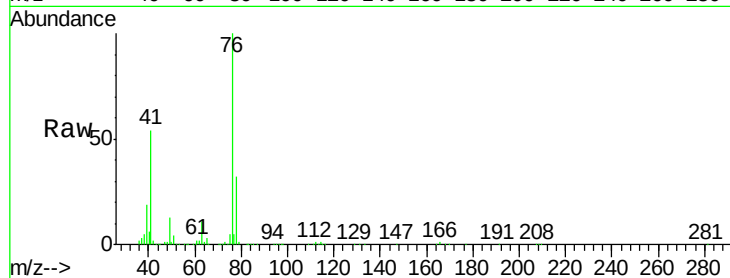
WP021MW173-200514MS

Tot Ion: 76 Resp: 267654

Ion Ratio Lower Upper

76 100

78 32.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

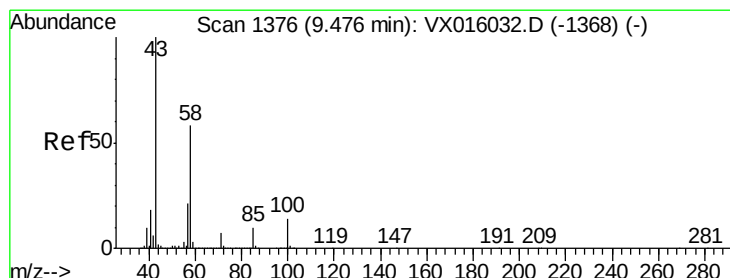
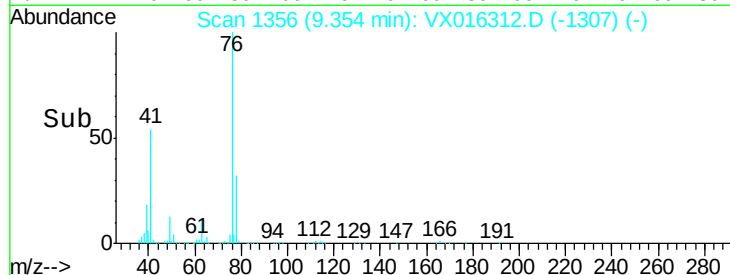
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 248.356 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016312.D

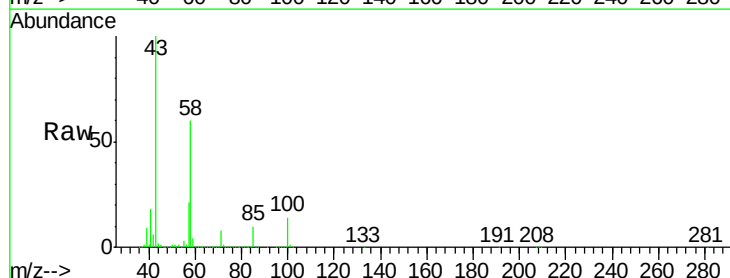
Acq: 18 May 2020 20:42

Tgt Ion: 43 Resp: 903664

Ion Ratio Lower Upper

43 100

58 61.0 28.6 85.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

800000

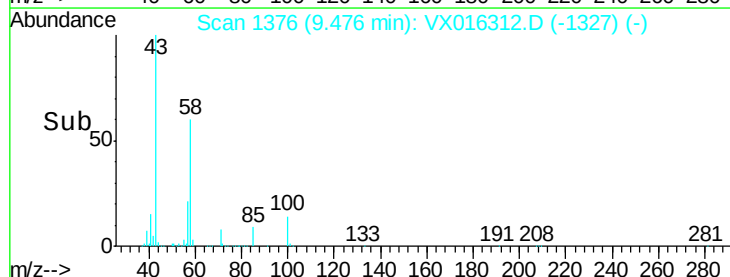
600000

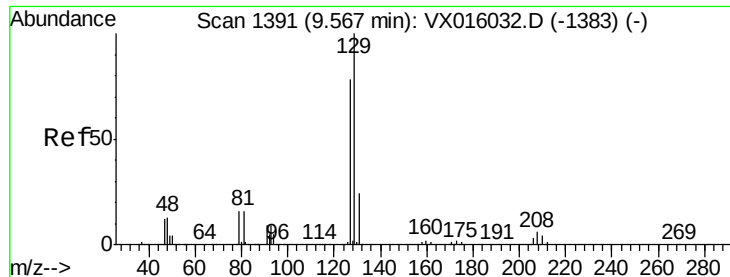
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 54.926 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

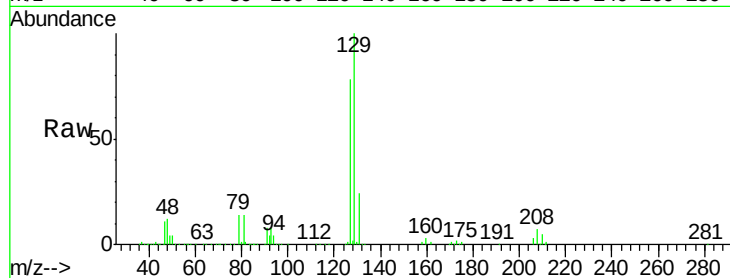
WP021MW173-200514MS

Tot Ion:129 Resp: 177718

Ion Ratio Lower Upper

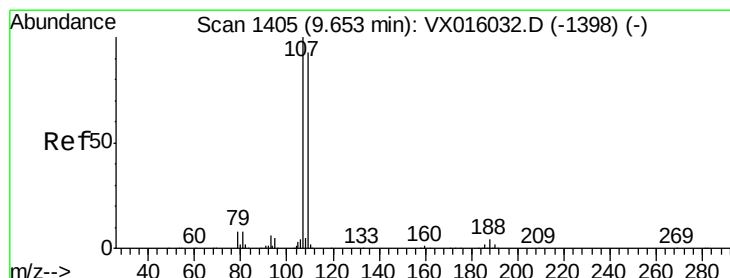
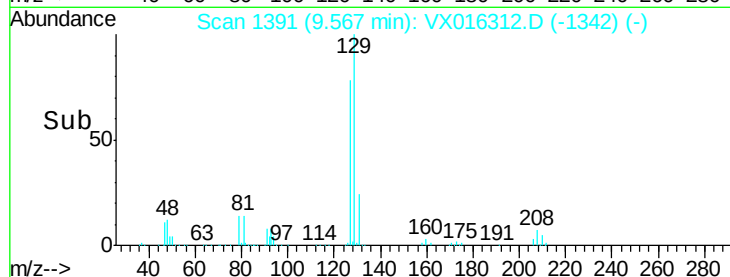
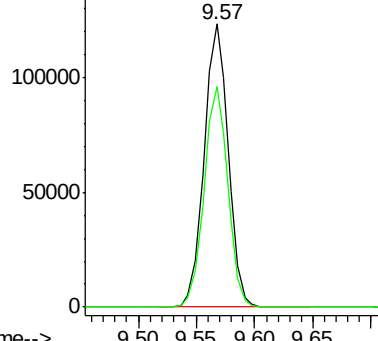
129 100

127 76.7 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.253 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016312.D

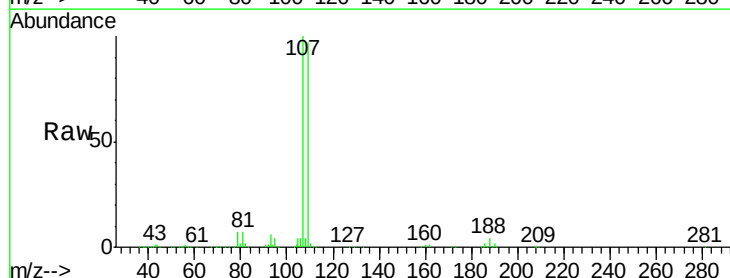
Acq: 18 May 2020 20:42

Tgt Ion:107 Resp: 166278

Ion Ratio Lower Upper

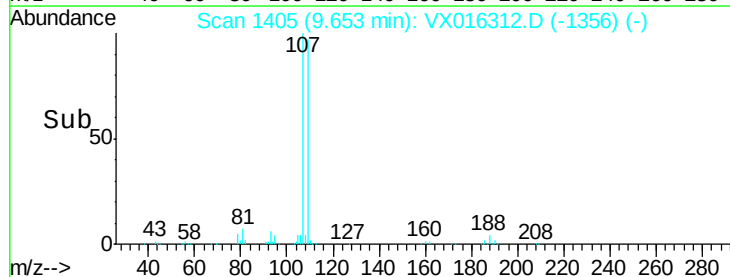
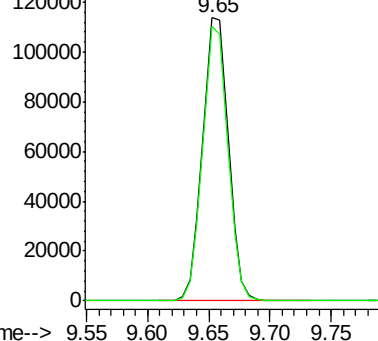
107 100

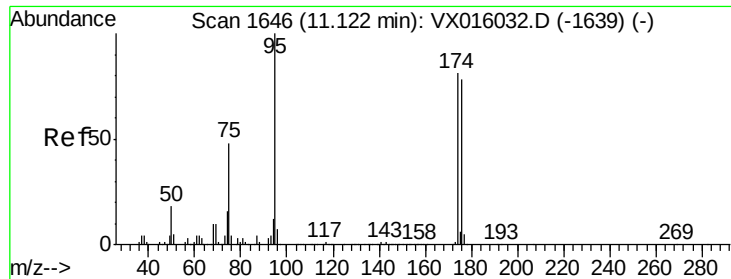
109 94.7 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

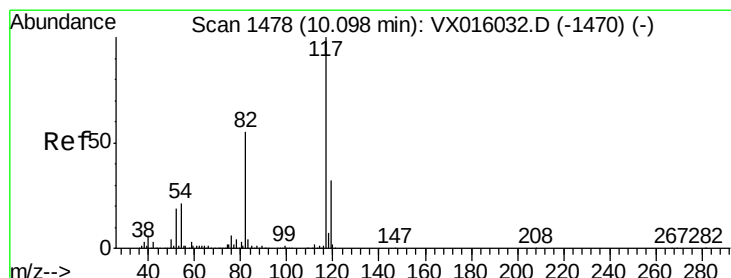
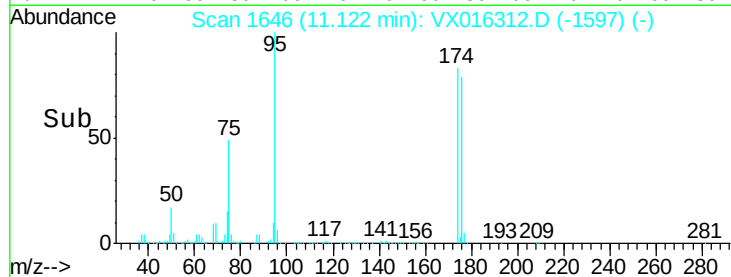
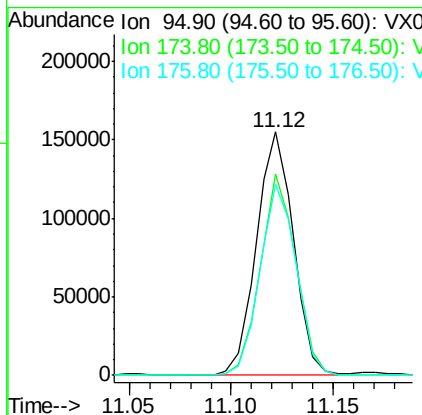
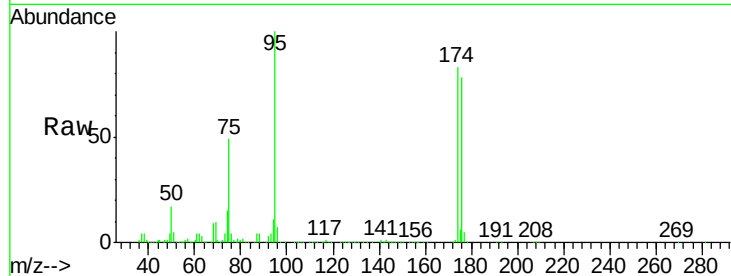




#62
4-Bromofluorobenzene
Concen: 50.323 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

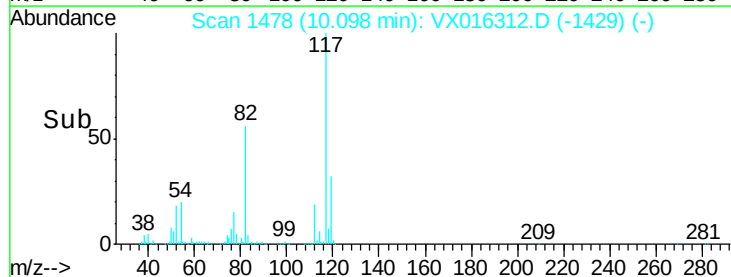
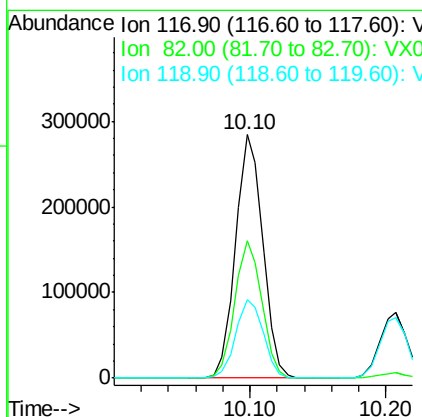
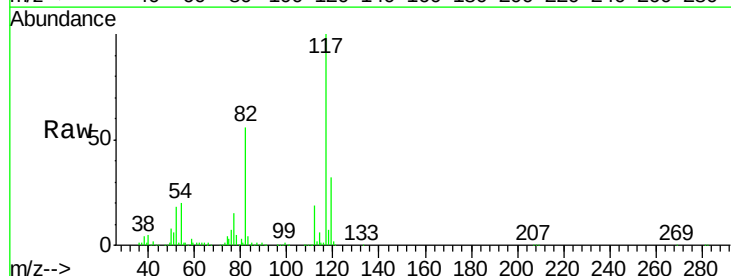
Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

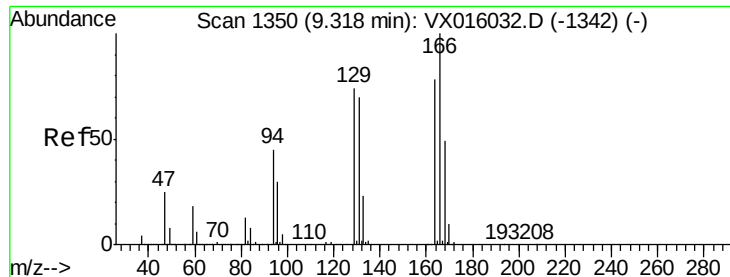
Tot Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	159.4
176	78.0	0.0	157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.4	66.6
119	32.1	25.5	38.3





#64

Tetrachloroethene

Concen: 39.949 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion:164 Resp: 194023

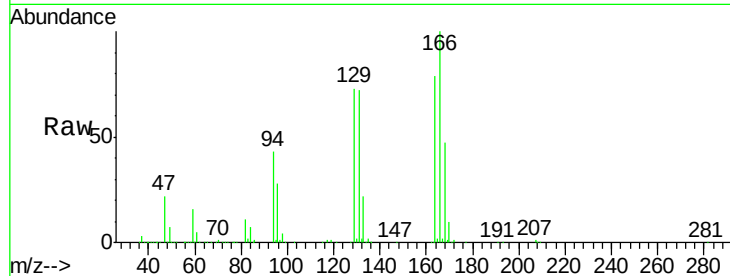
Ion Ratio Lower Upper

164 100

166 126.9 102.9 154.3

129 93.2 76.1 114.1

131 91.1 71.9 107.9

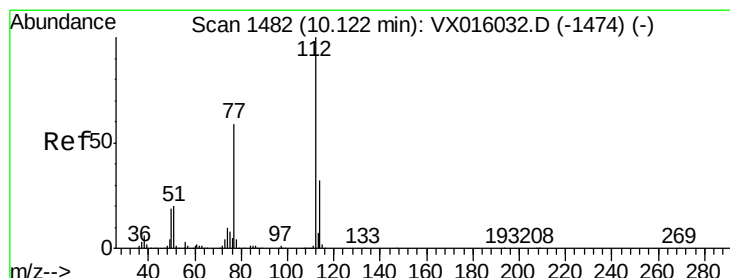
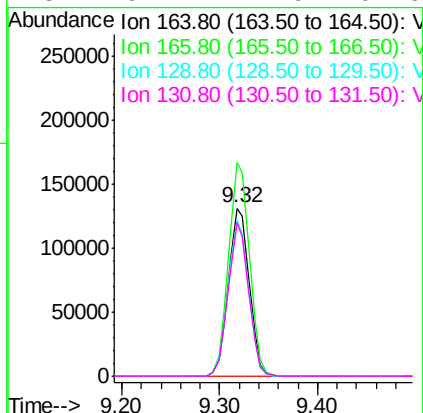
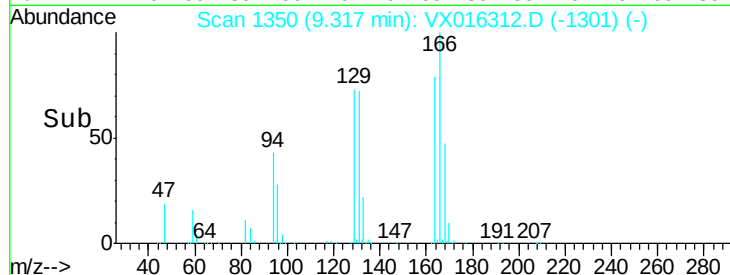


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 915.900 ug/l

RT: 10.13 min Scan# 1483

Delta R.T. 0.01 min

Lab File: VX016312.D

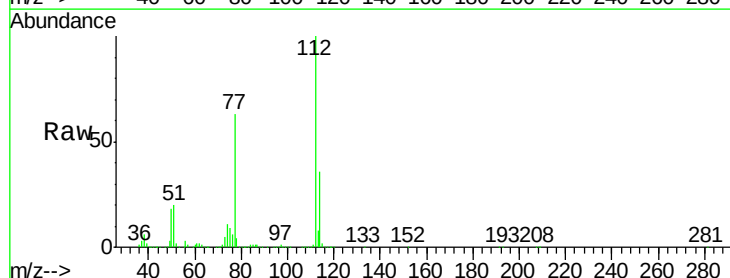
Acq: 18 May 2020 20:42

Tgt Ion:112 Resp: 7587260

Ion Ratio Lower Upper

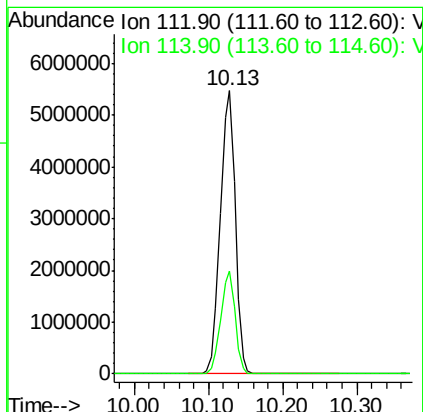
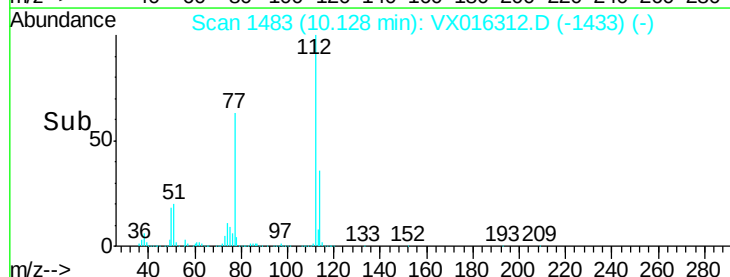
112 100

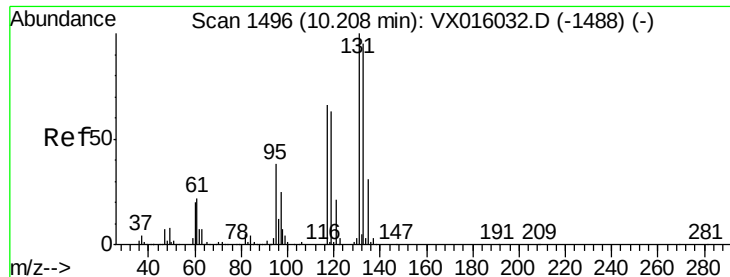
114 36.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 51.232 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

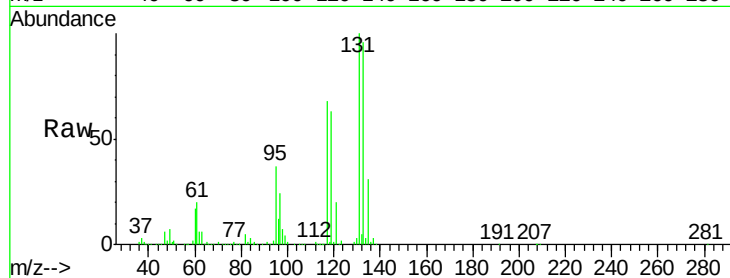
Tot Ion:131 Resp: 156865

Ion Ratio Lower Upper

131 100

133 95.4 48.3 144.8

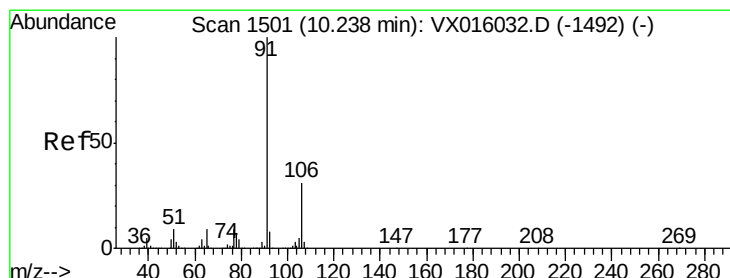
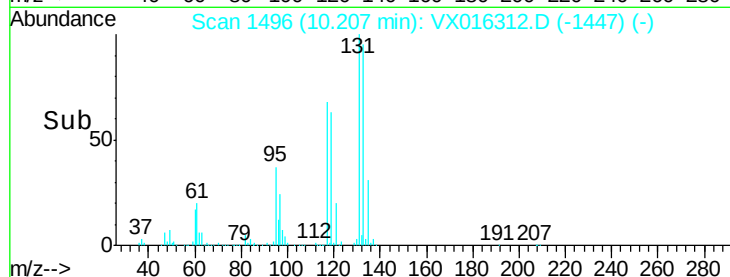
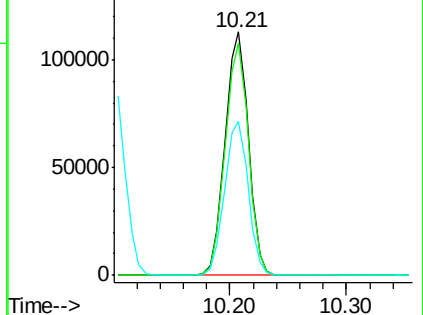
119 63.7 32.3 96.9



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: 49.707 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016312.D

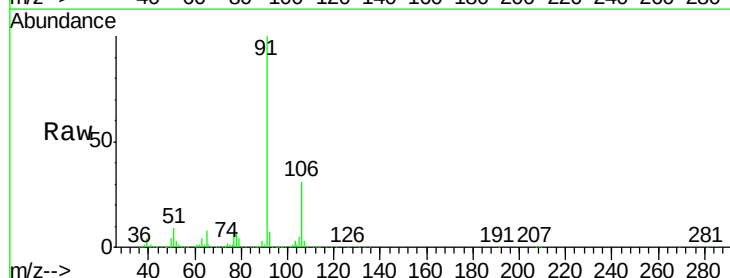
Acq: 18 May 2020 20:42

Tgt Ion: 91 Resp: 734705

Ion Ratio Lower Upper

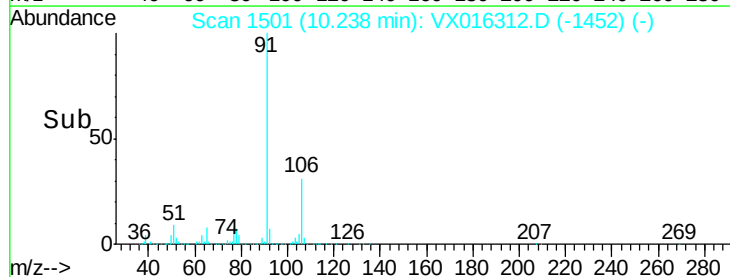
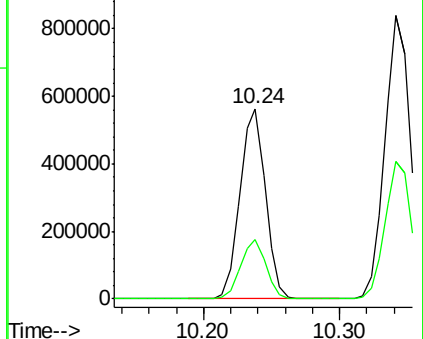
91 100

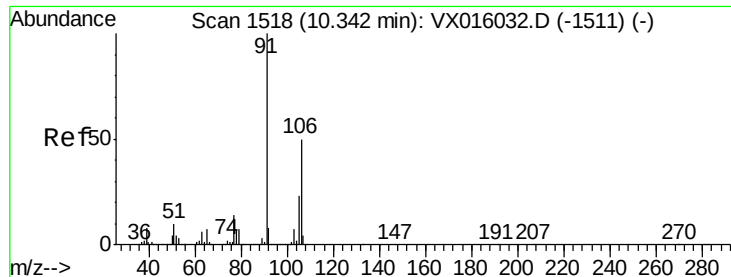
106 31.0 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 98.637 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

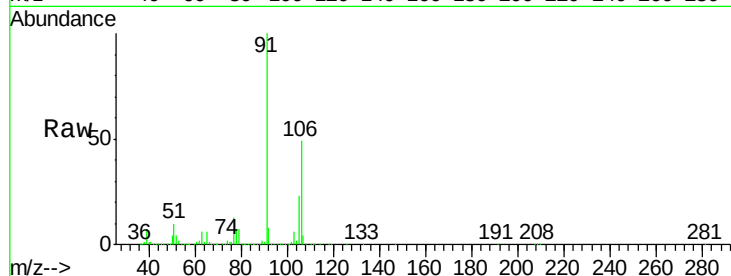
WP021MW173-200514MS

Tot Ion:106 Resp: 546229

Ion Ratio Lower Upper

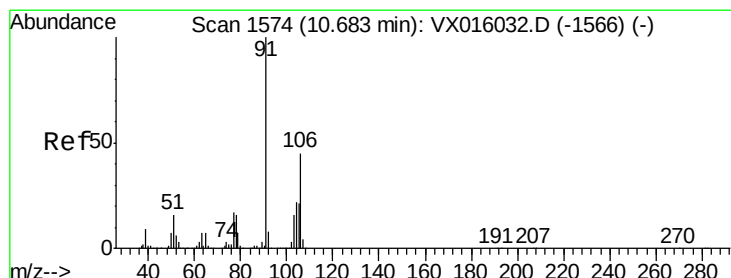
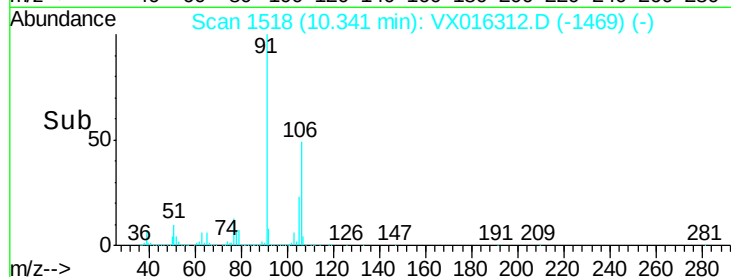
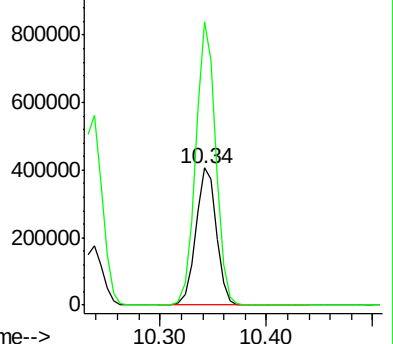
106 100

91 201.3 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 50.354 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016312.D

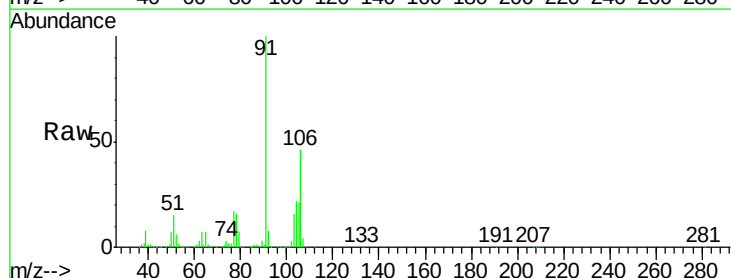
Acq: 18 May 2020 20:42

Tgt Ion:106 Resp: 268041

Ion Ratio Lower Upper

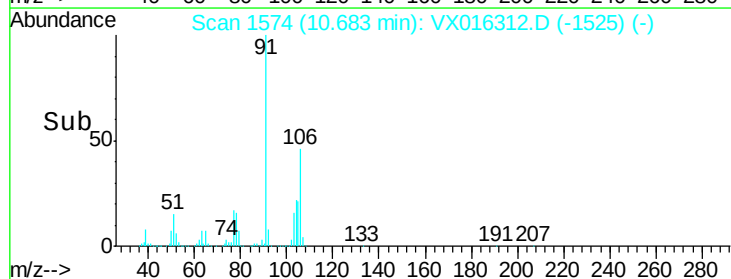
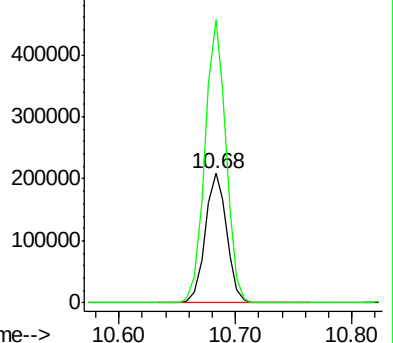
106 100

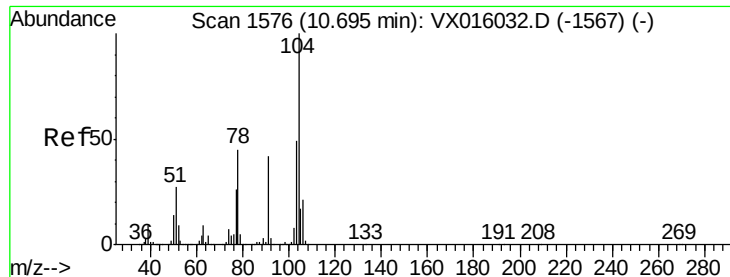
91 214.1 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 51.781 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

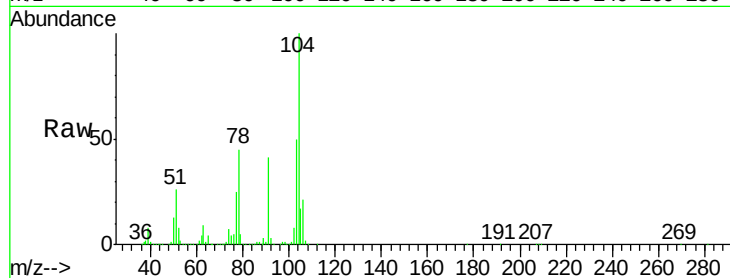
Tot Ion:104 Resp: 467615

Ion Ratio Lower Upper

104 100

78 49.1 40.2 60.2

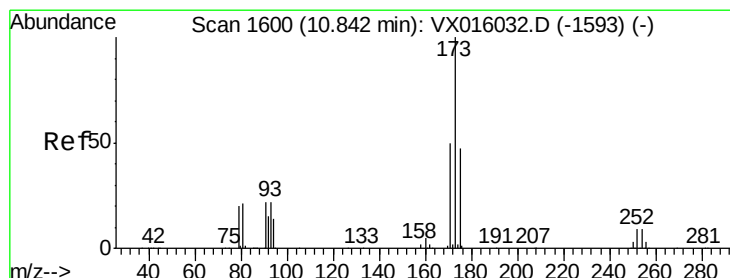
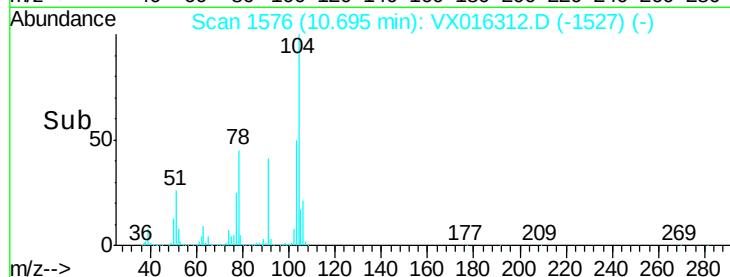
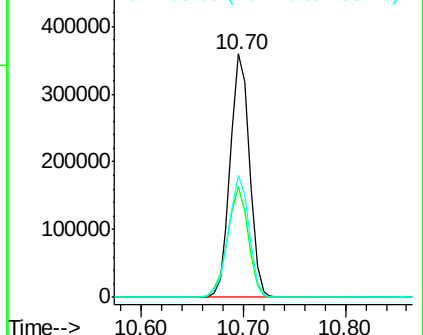
103 53.4 43.0 64.6



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: 52.694 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

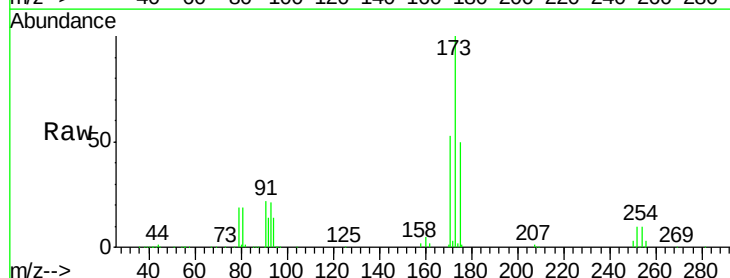
Tgt Ion:173 Resp: 131447

Ion Ratio Lower Upper

173 100

175 48.8 24.0 72.0

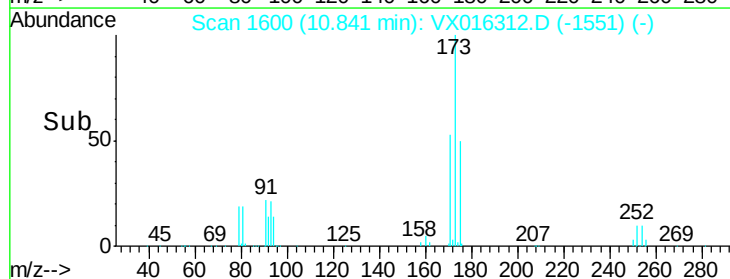
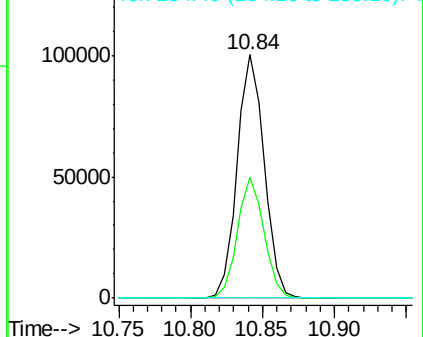
254 0.1 0.1 0.1#

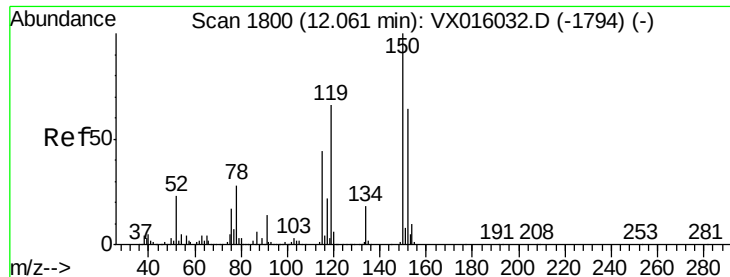


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



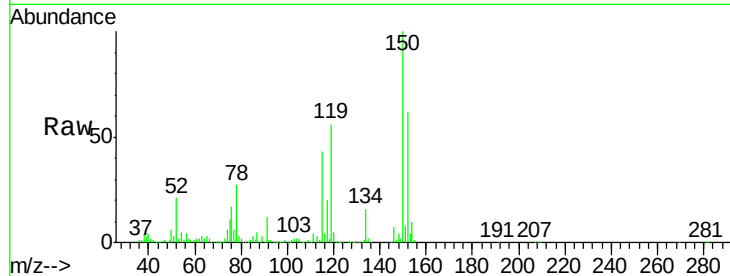


#72

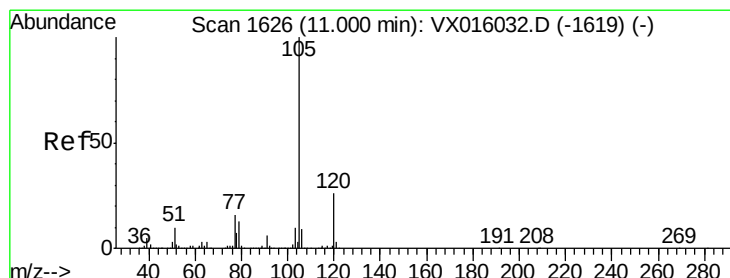
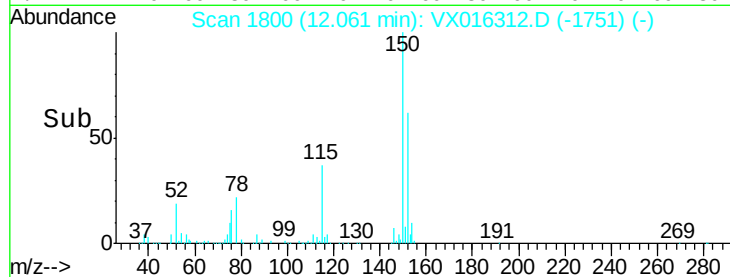
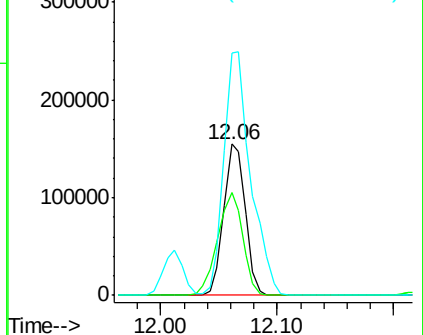
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Instrument :
MSVOA_X
ClientSampleId :
WP021MW173-200514MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	79.3	41.3	124.1
150	200.9	0.0	352.2



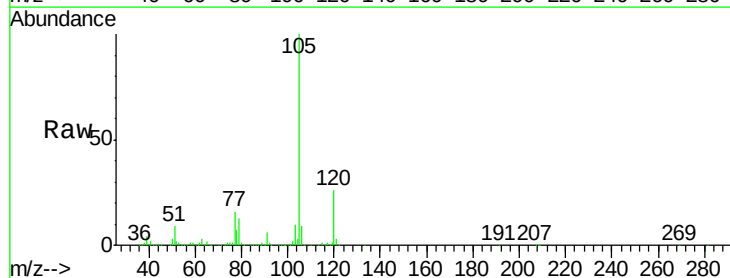
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



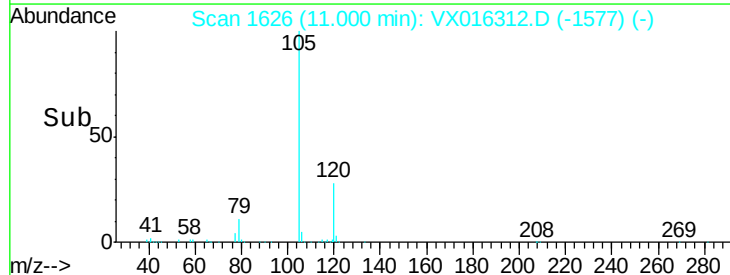
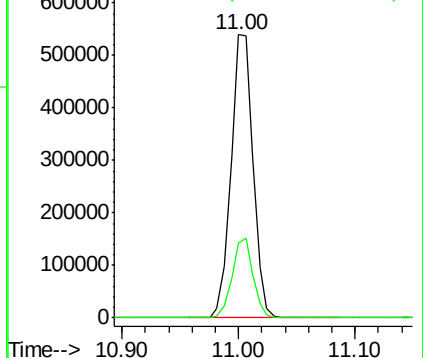
#73

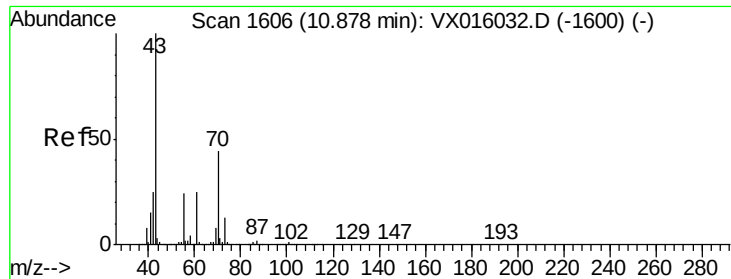
Isopropylbenzene
Concen: 49.361 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX016312.D
Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.4	40.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.407 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

Tot Ion: 43 Resp: 310747

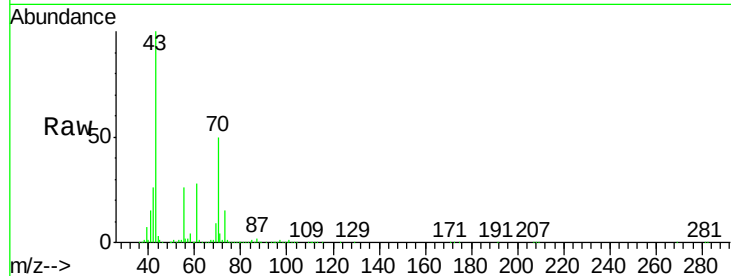
Ion Ratio Lower Upper

43 100

70 48.5 36.5 54.7

55 26.1 19.7 29.5

61 27.0 20.9 31.3

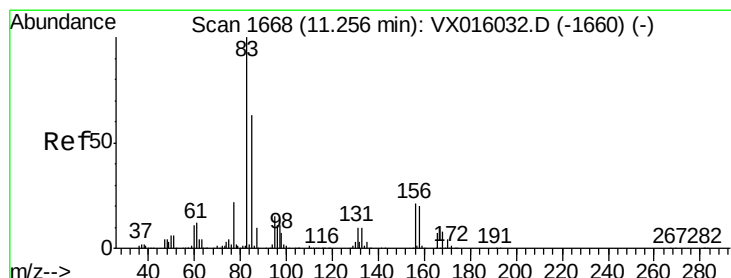
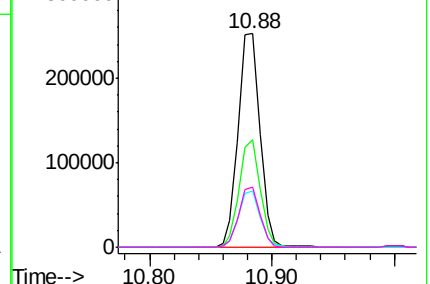
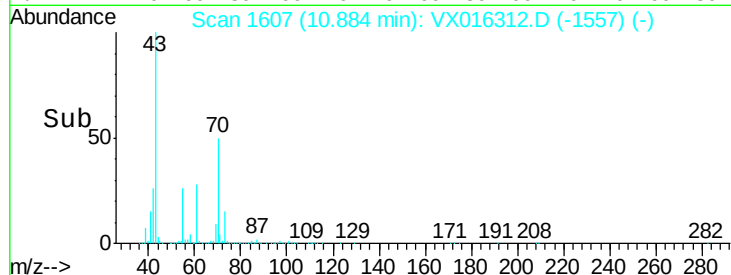


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 68.501 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

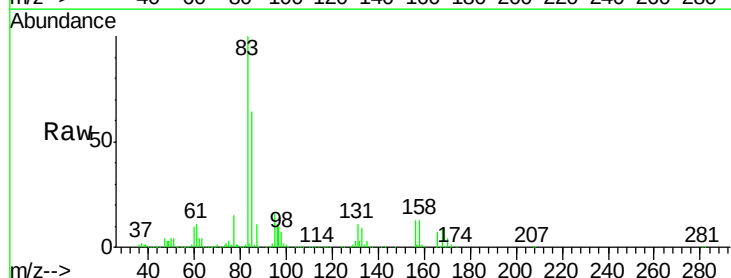
Tgt Ion: 83 Resp: 202076

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

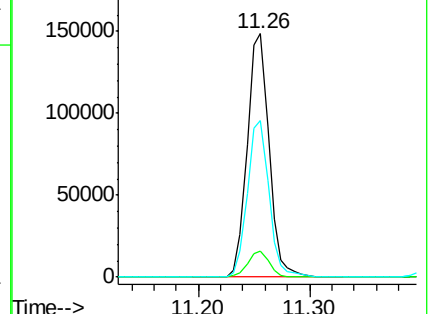
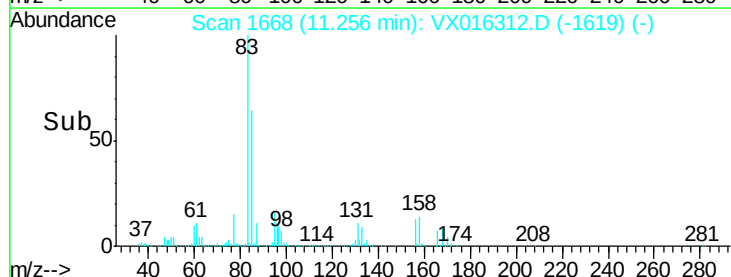
85 64.2 32.0 96.0

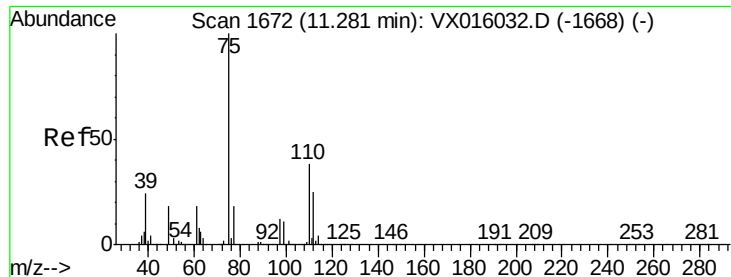


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

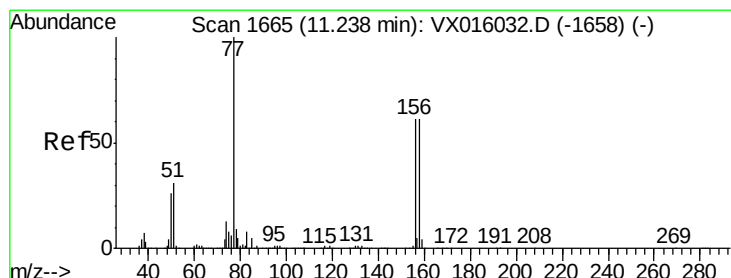
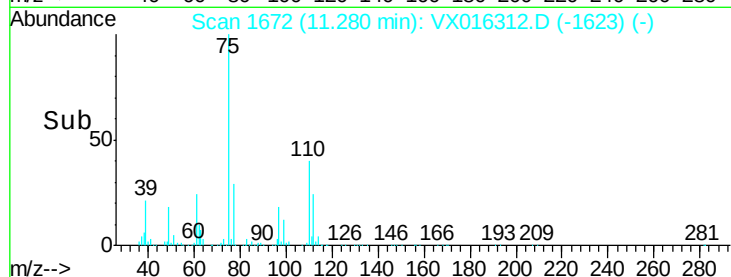
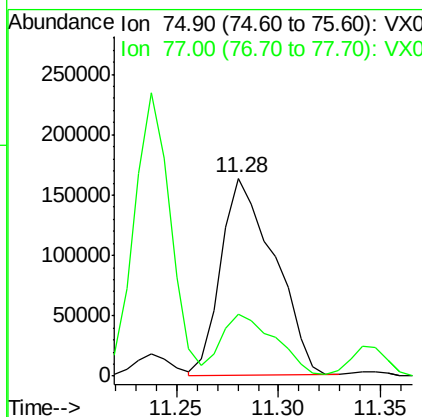
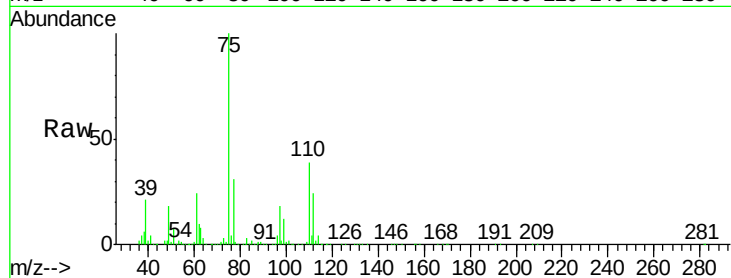




#76
 1,2,3-Trichloropropane
 Concen: 66.347 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

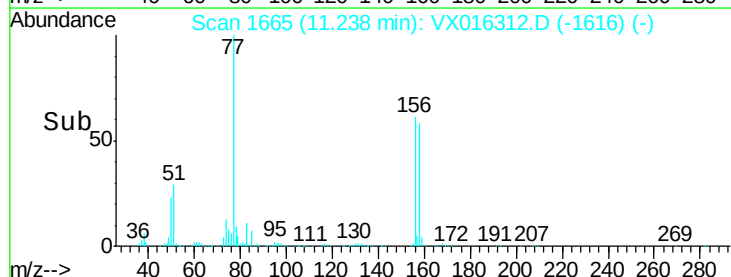
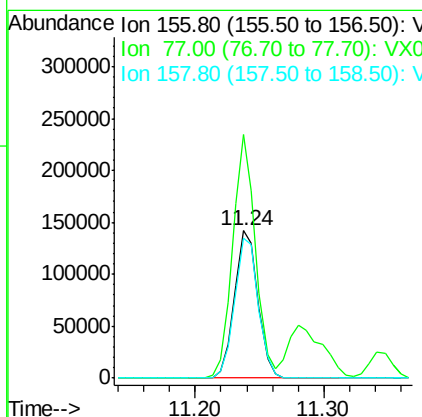
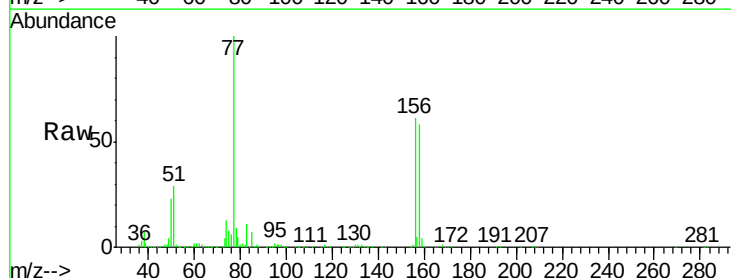
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

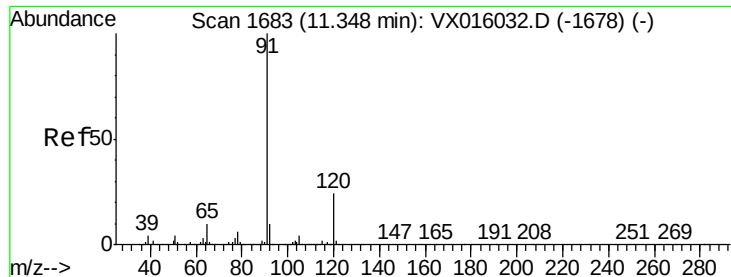
Tot Ion: 75 Resp: 297159
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.2 63.6



#77
 Bromobenzene
 Concen: 48.591 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion: 156 Resp: 180050
 Ion Ratio Lower Upper
 156 100
 77 160.3 80.1 240.3
 158 96.1 49.4 148.2





#78

n-propylbenzene

Concen: 47.076 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

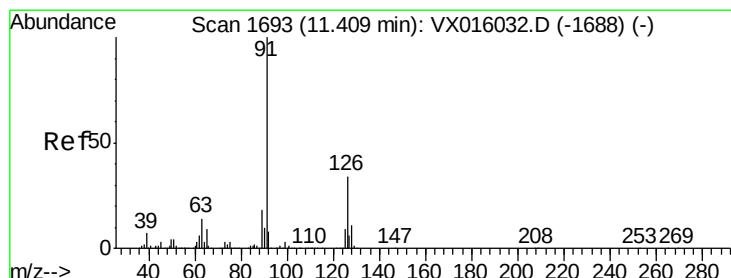
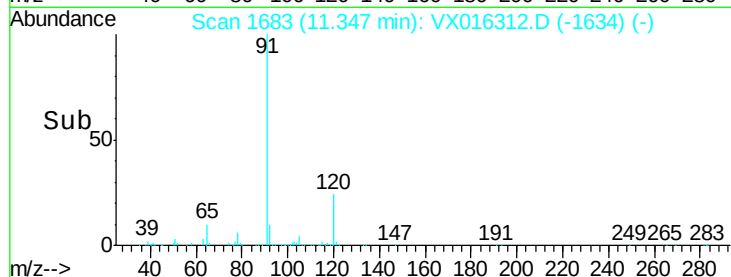
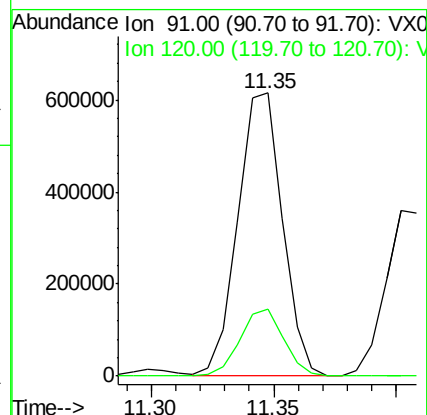
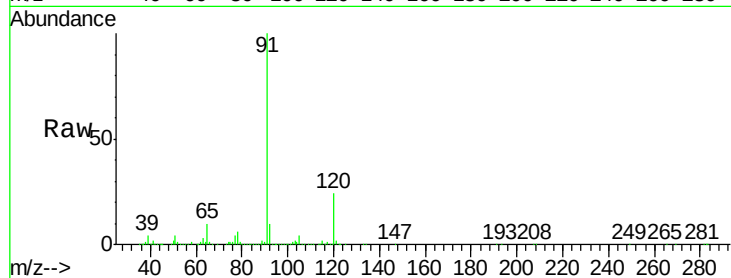
WP021MW173-200514MS

Tot Ion: 91 Resp: 786205

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.5



#79

2-Chlorotoluene

Concen: 48.066 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016312.D

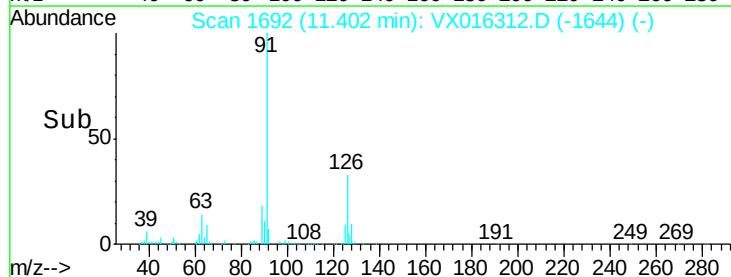
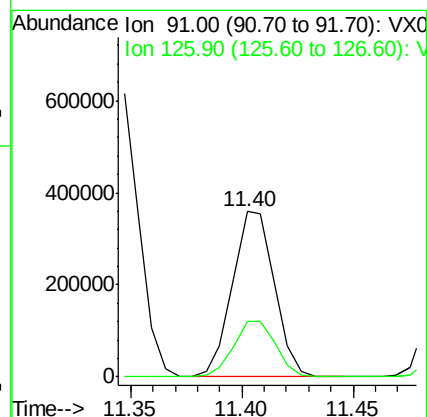
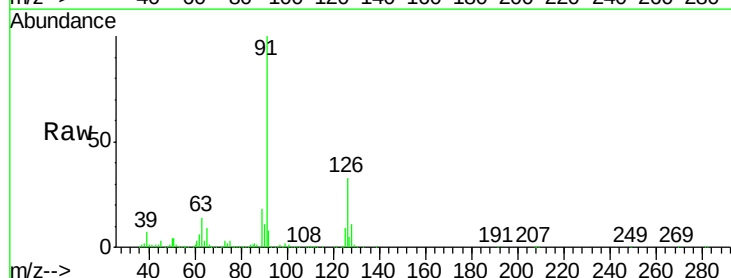
Acq: 18 May 2020 20:42

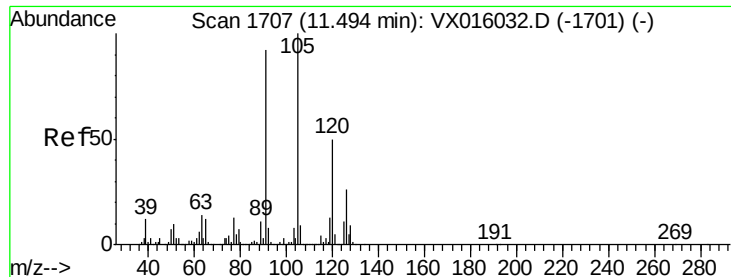
Tgt Ion: 91 Resp: 473827

Ion Ratio Lower Upper

91 100

126 33.8 16.9 50.6

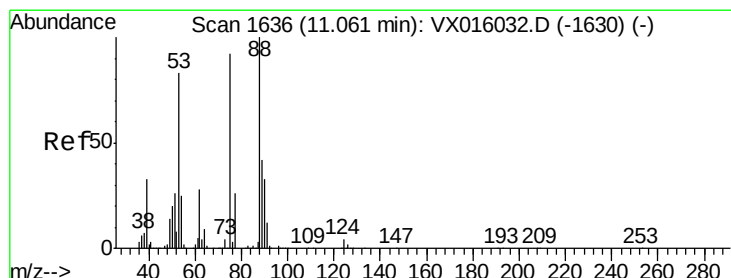
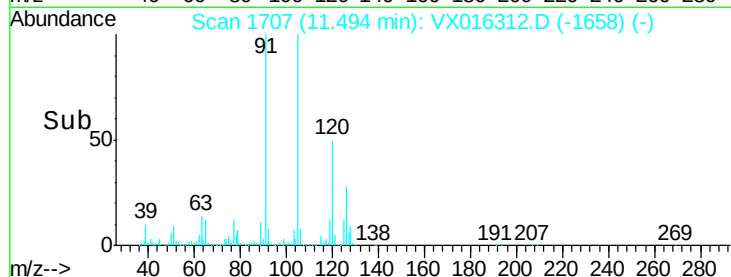
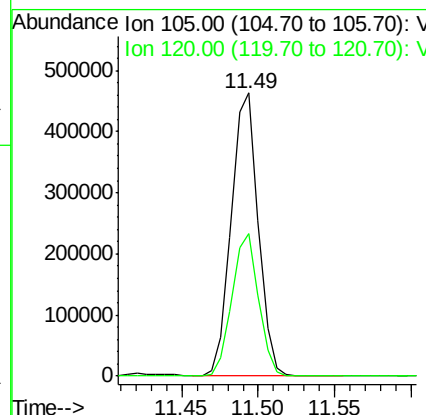
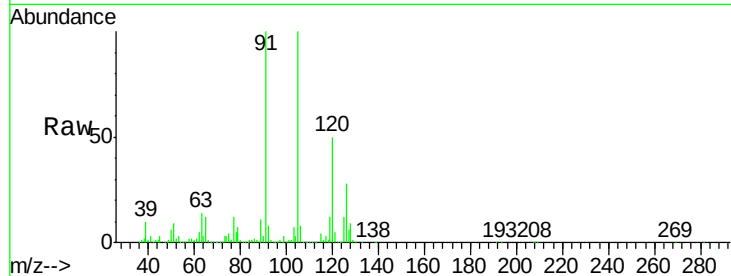




#80
 1,3,5-Trimethylbenzene
 Concen: 46.584 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

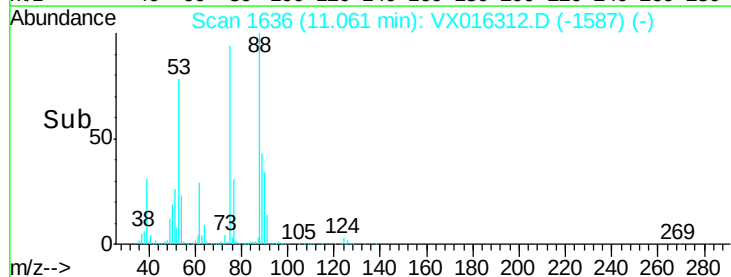
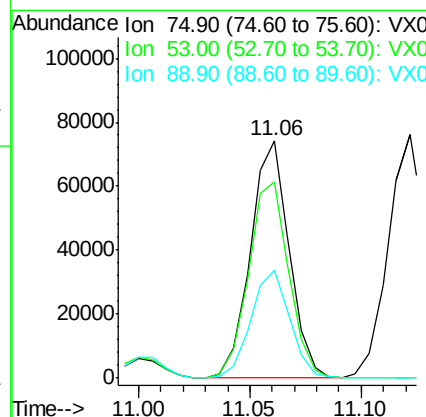
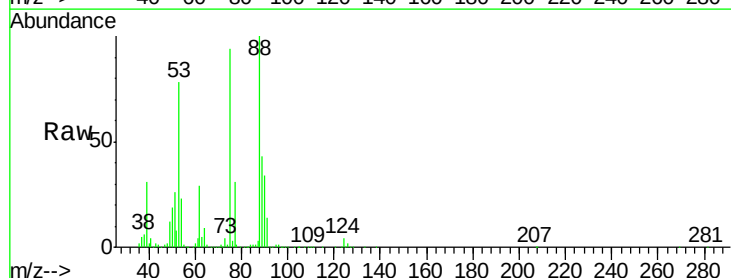
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

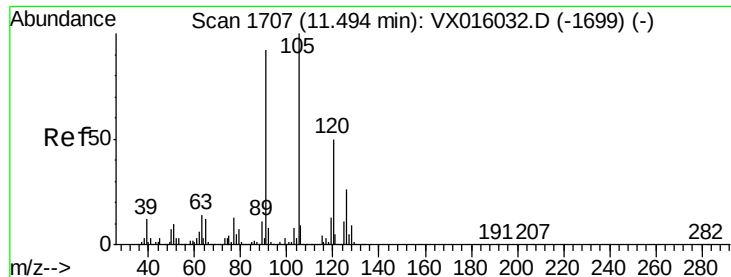
Tot Ion:105 Resp: 564640
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.553 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion: 75 Resp: 89372
 Ion Ratio Lower Upper
 75 100
 53 86.2 73.1 109.7
 89 45.9 36.7 55.1





#82

4-Chlorotoluene

Concen: 47.667 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

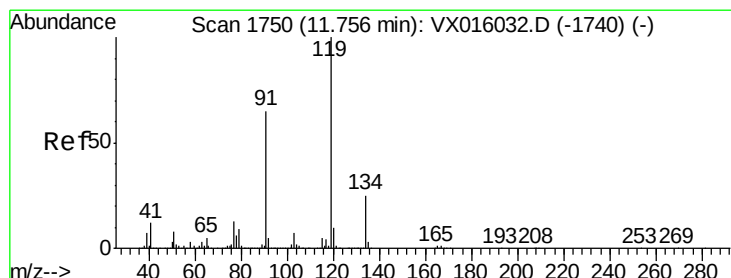
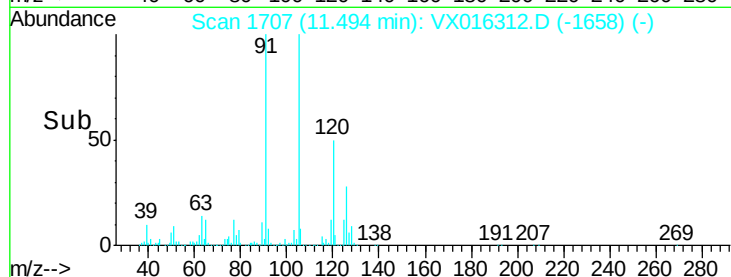
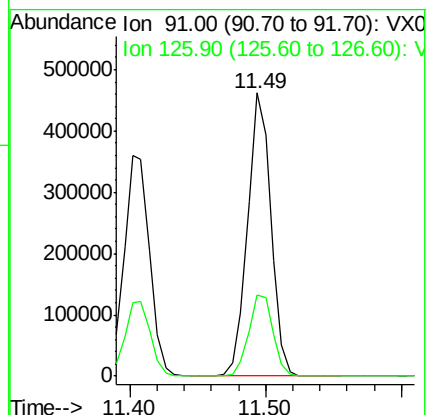
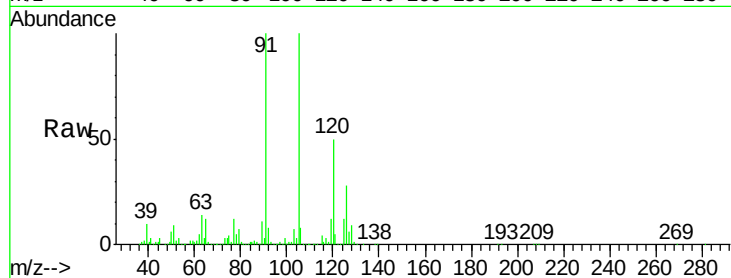
WP021MW173-200514MS

Tot Ion: 91 Resp: 554891

Ion Ratio Lower Upper

91 100

126 29.8 14.8 44.3



#83

tert-Butylbenzene

Concen: 49.854 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

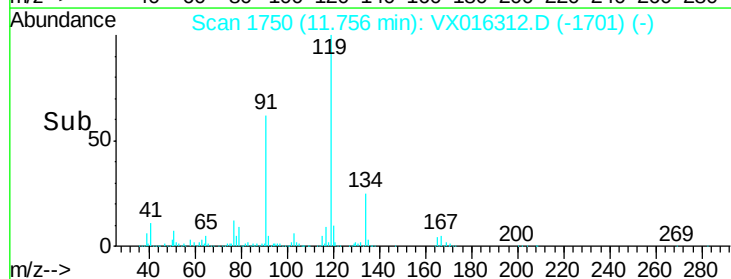
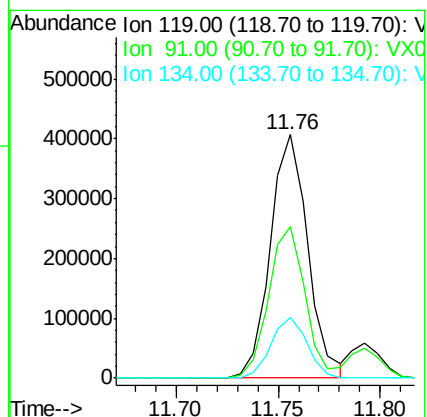
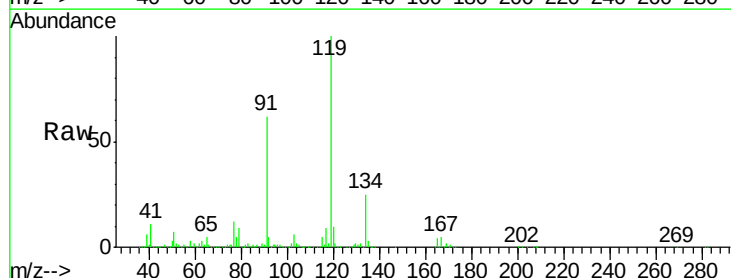
Tgt Ion: 119 Resp: 520766

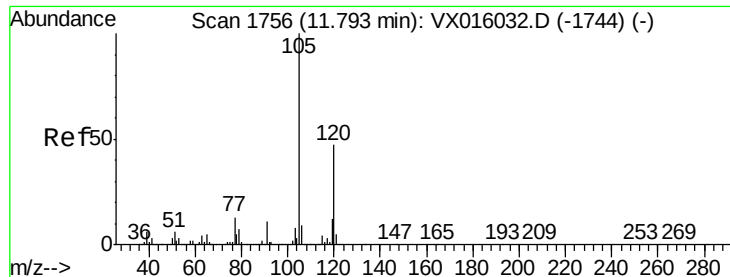
Ion Ratio Lower Upper

119 100

91 60.4 32.8 98.4

134 24.0 12.4 37.0

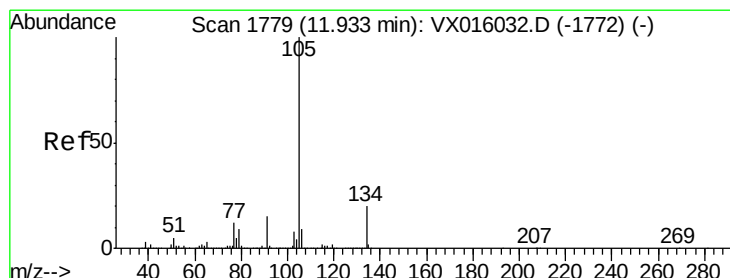
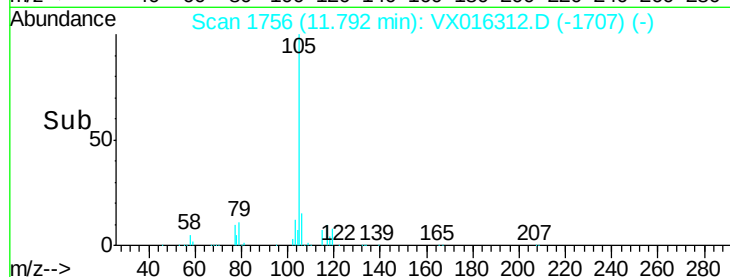
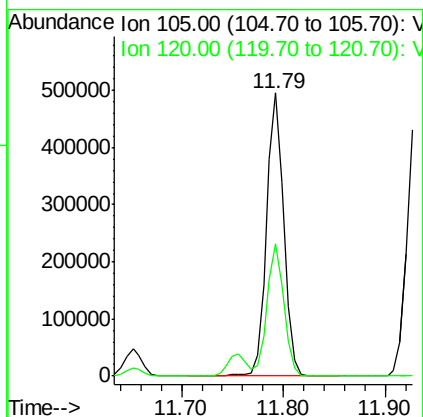
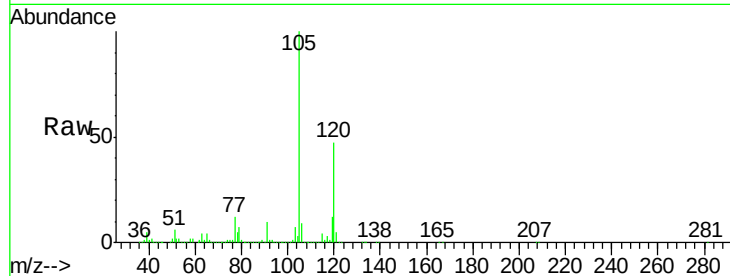




#84
 1,2,4-Trimethylbenzene
 Concen: 47.172 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

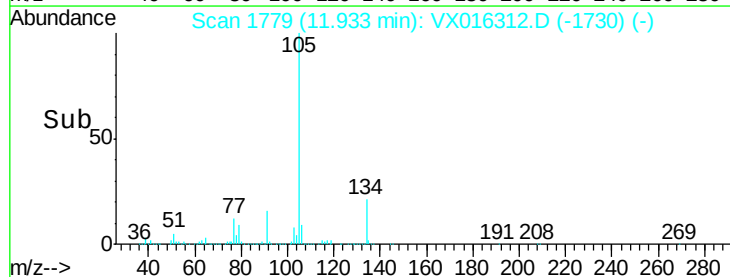
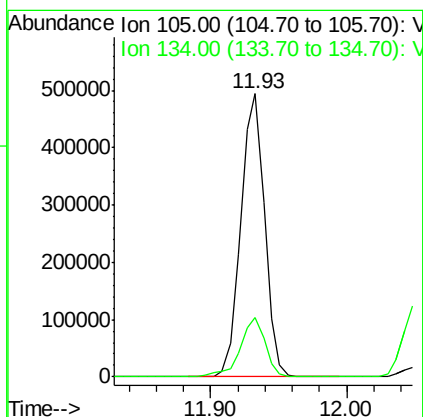
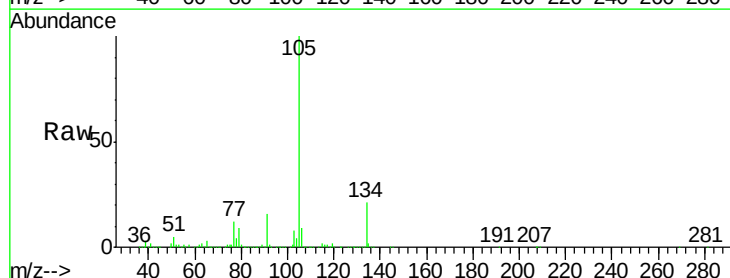
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

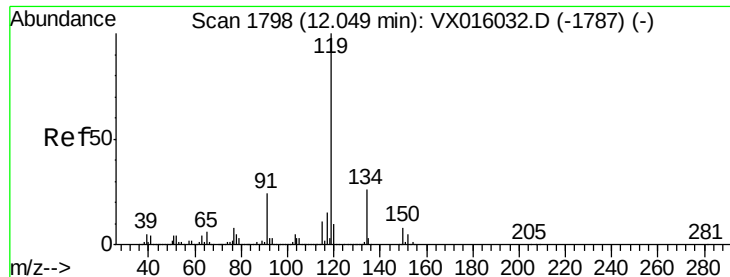
Tot Ion:105 Resp: 578050
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 42.528 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion:105 Resp: 599807
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.1 30.3

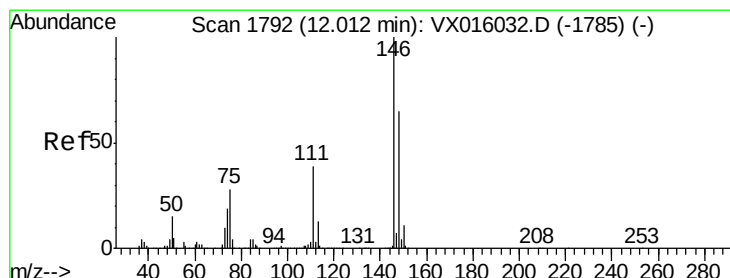
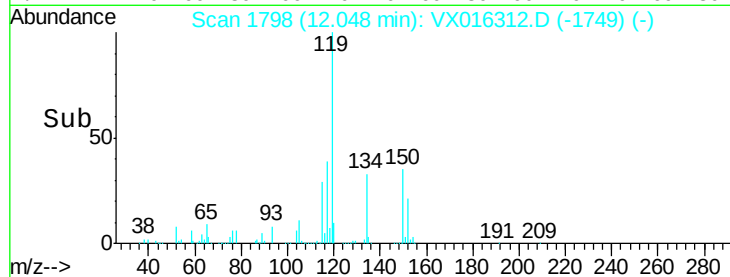
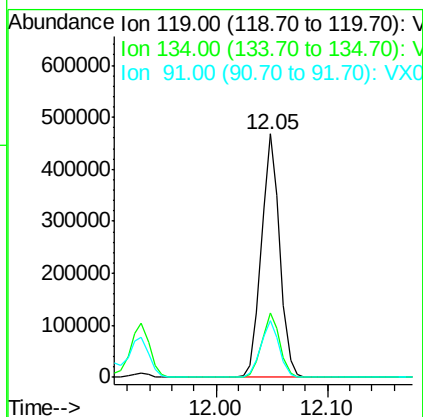
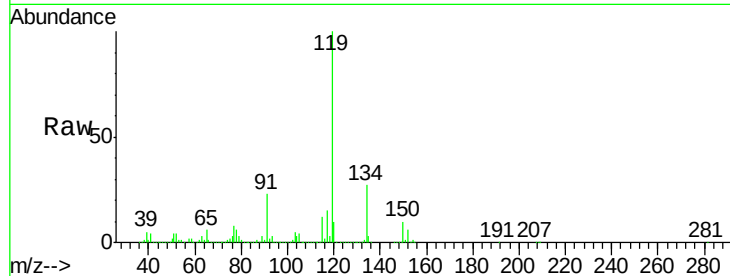




#86
 p-Isopropyltoluene
 Concen: 41.319 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

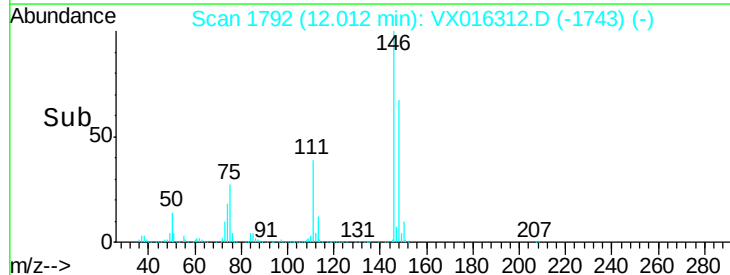
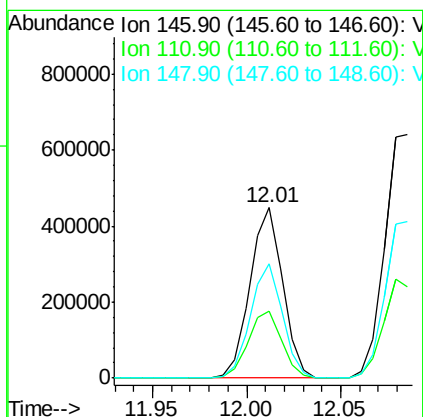
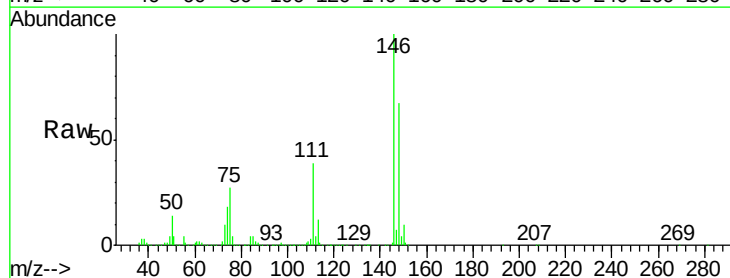
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

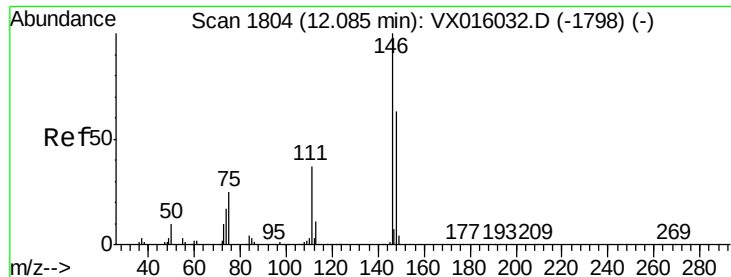
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	23.1	11.8	35.4



#87
 1,3-Dichlorobenzene
 Concen: 81.062 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016312.D
 Acq: 18 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.6
148	65.5	32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 121.276 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

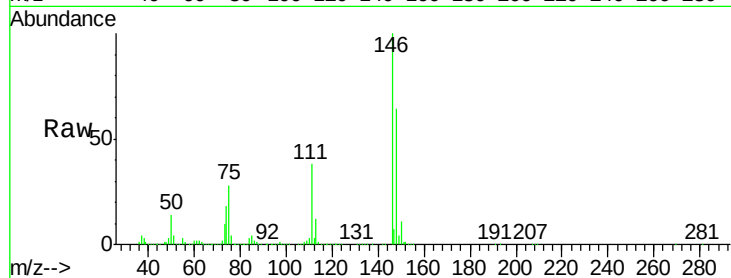
Tot Ion:146 Resp: 818964

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

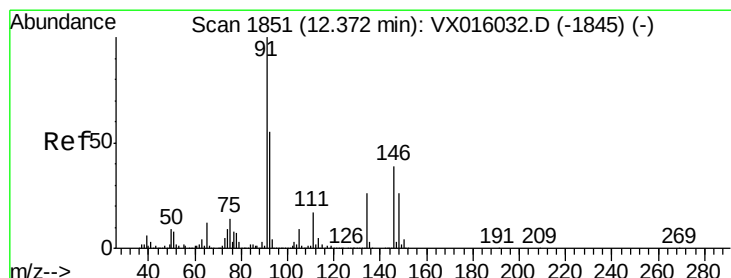
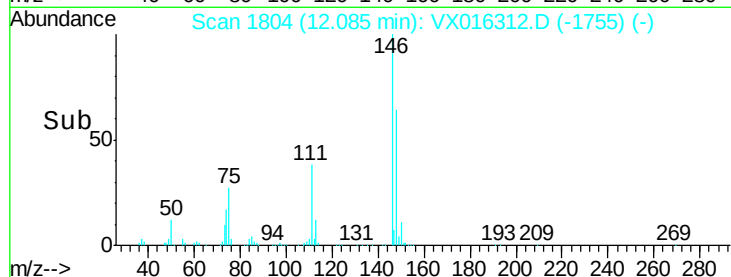
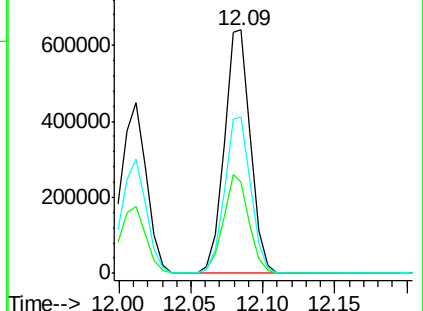
148 64.4 31.8 95.3



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



#89

n-Butylbenzene

Concen: 37.457 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

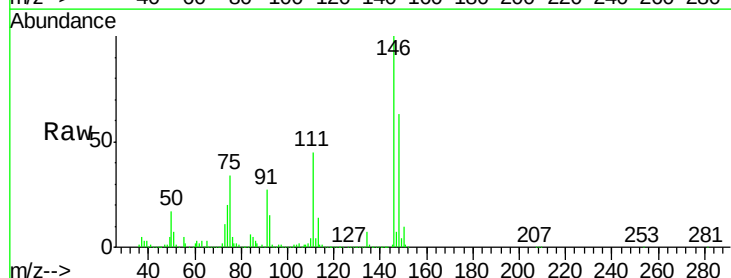
Tgt Ion: 91 Resp: 448083

Ion Ratio Lower Upper

91 100

92 54.6 27.6 82.7

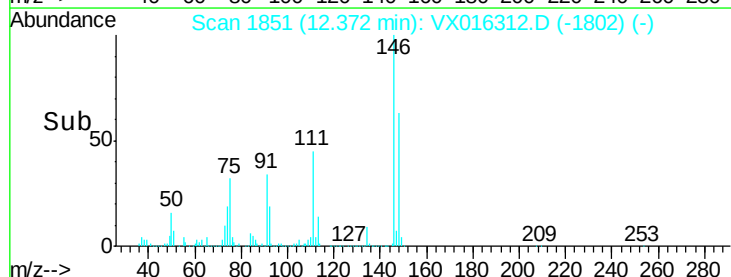
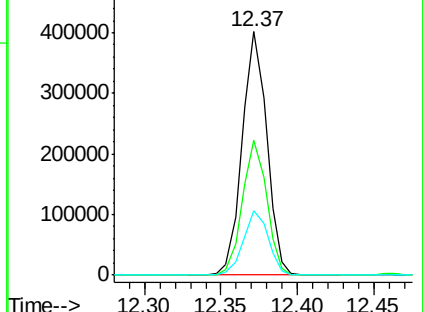
134 26.8 13.4 40.1

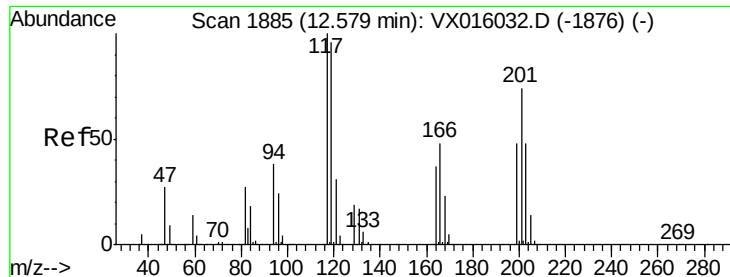


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 42.451 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

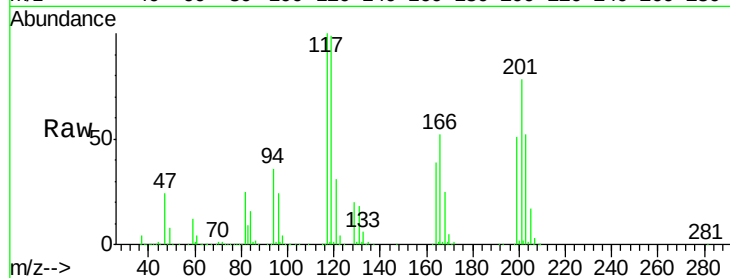
WP021MW173-200514MS

Tot Ion:117 Resp: 95466

Ion Ratio Lower Upper

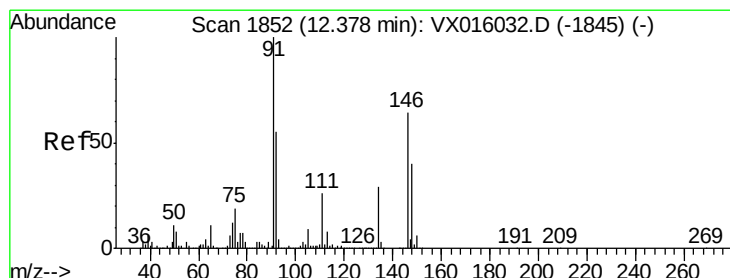
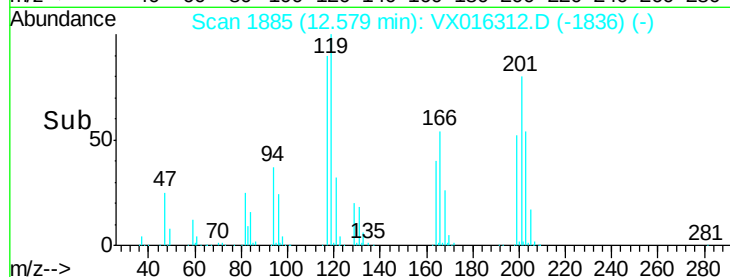
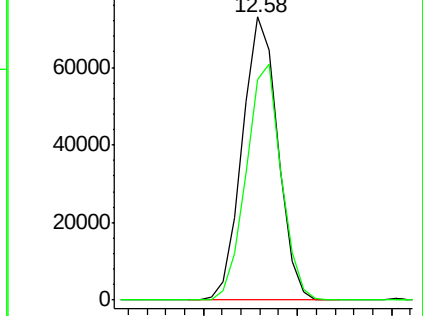
117 100

201 82.0 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 372.146 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

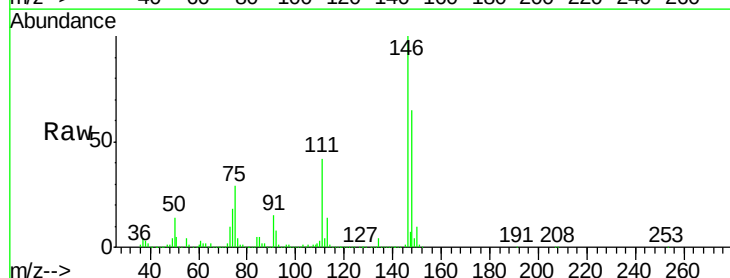
Tgt Ion:146 Resp: 2384127

Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.1

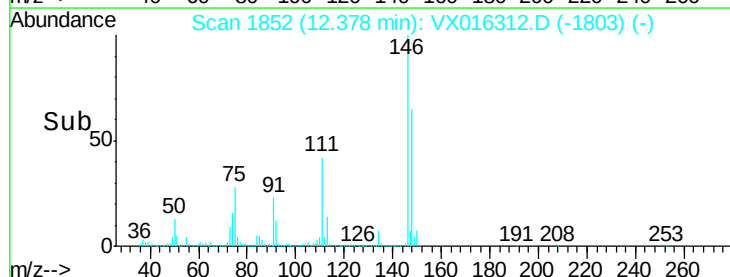
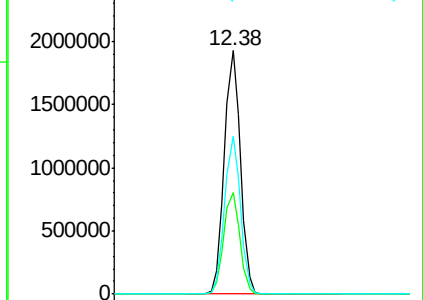
148 64.0 32.4 97.0

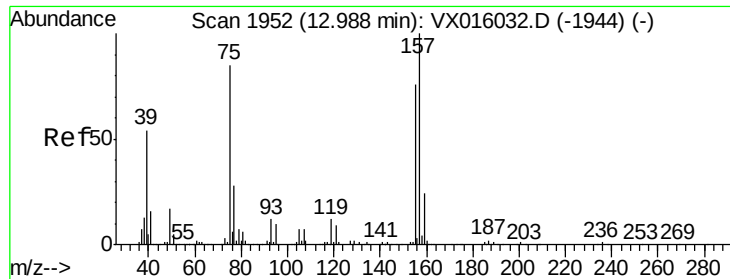


Abundance Ion 145.90 (145.60 to 146.60): V

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: 50.069 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

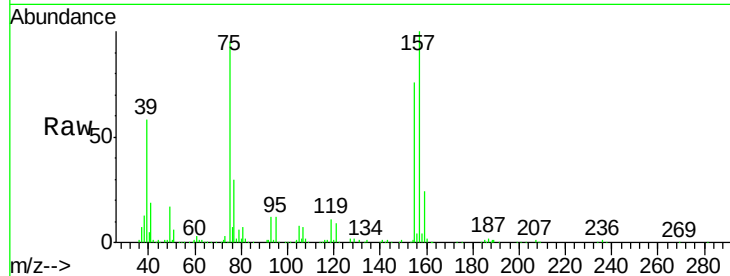
Tot Ion: 75 Resp: 59103

Ion Ratio Lower Upper

75 100

155 87.4 42.5 127.5

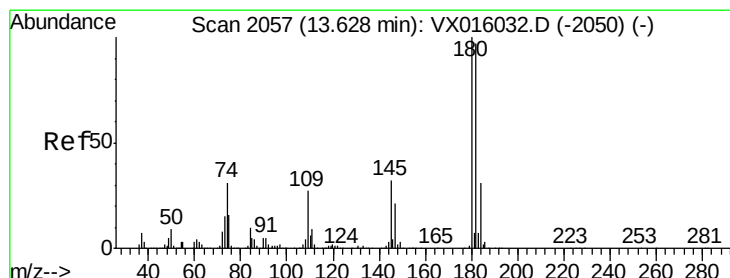
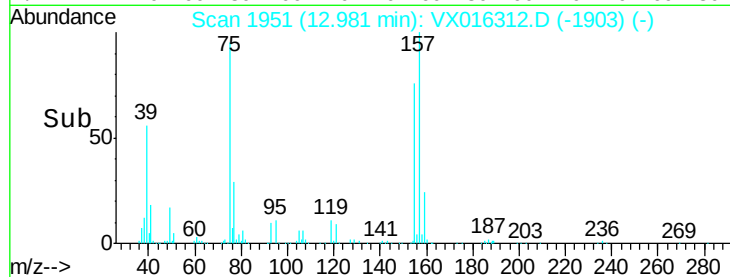
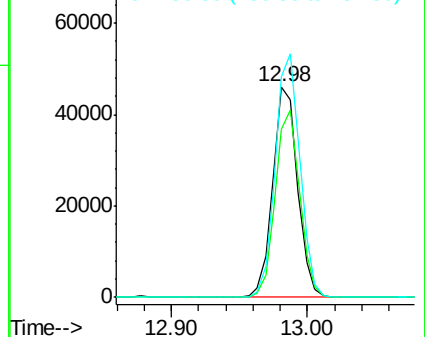
157 114.5 55.3 165.8



Abundance Ion 74.90 (74.60 to 75.60): VX016312.D (-1903) (-)

Ion 154.80 (154.50 to 155.50): VX016312.D (-1903) (-)

Ion 156.80 (156.50 to 157.50): VX016312.D (-1903) (-)



#93

1,2,4-Trichlorobenzene

Concen: 42.204 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

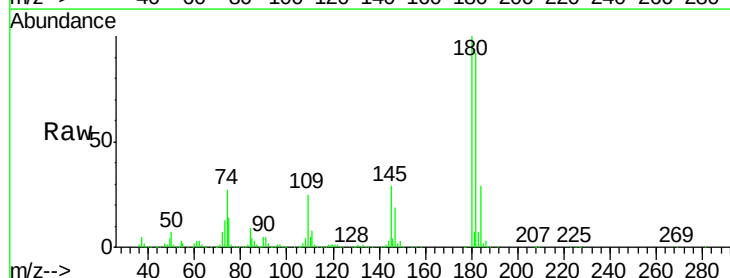
Tgt Ion:180 Resp: 200176

Ion Ratio Lower Upper

180 100

182 93.8 48.7 146.1

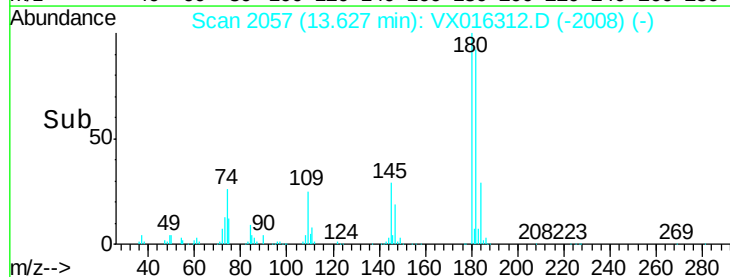
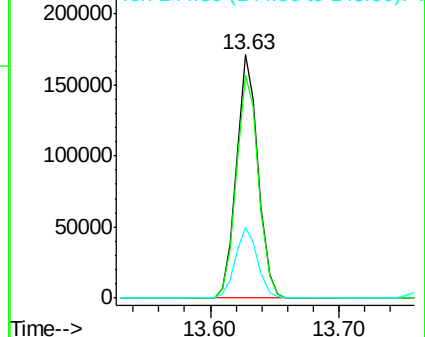
145 29.6 15.7 47.1

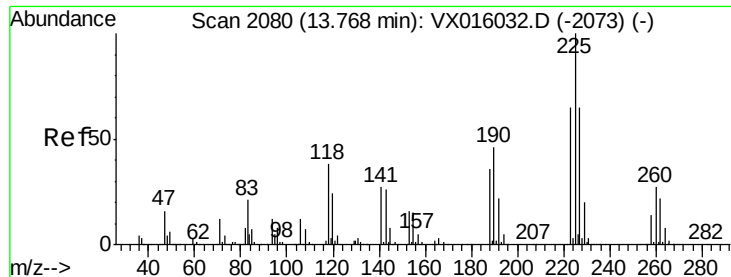


Abundance Ion 179.80 (179.50 to 180.50): VX016312.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX016312.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX016312.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 32.345 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

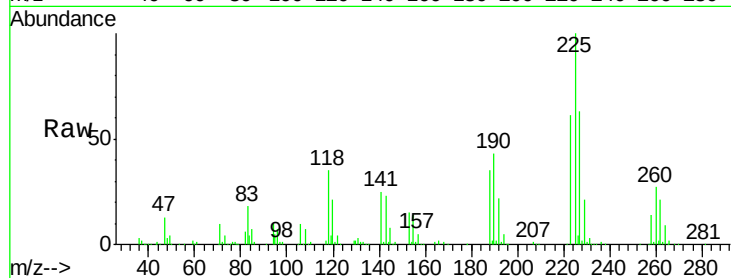
Tot Ion:225 Resp: 65679

Ion Ratio Lower Upper

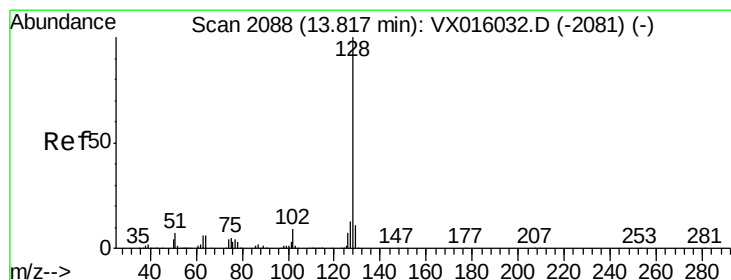
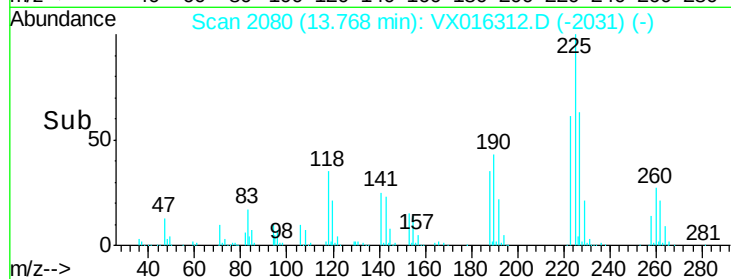
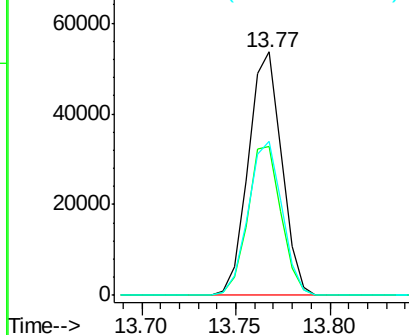
225 100

223 61.8 32.3 96.9

227 64.0 31.8 95.4



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: 49.495 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

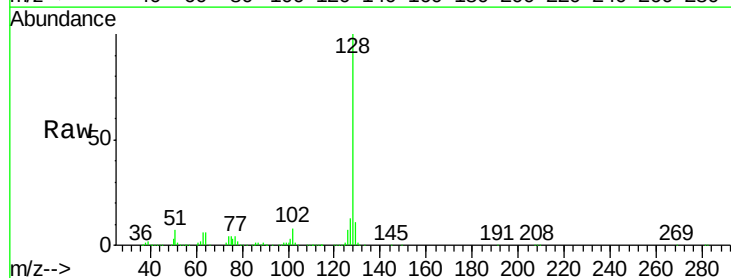
Tgt Ion:128 Resp: 760144

Ion Ratio Lower Upper

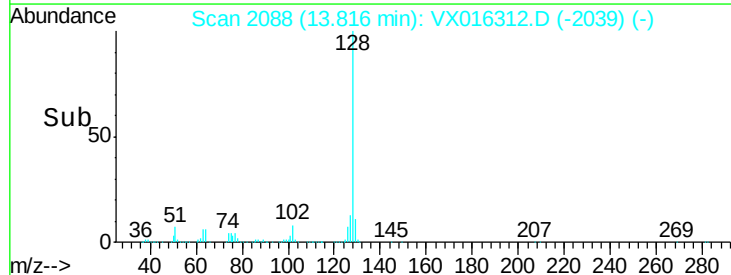
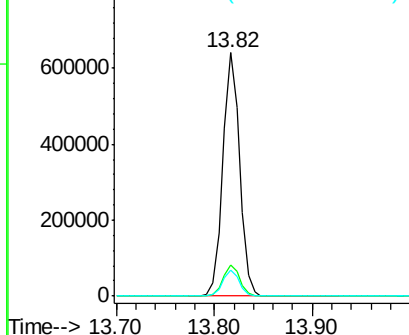
128 100

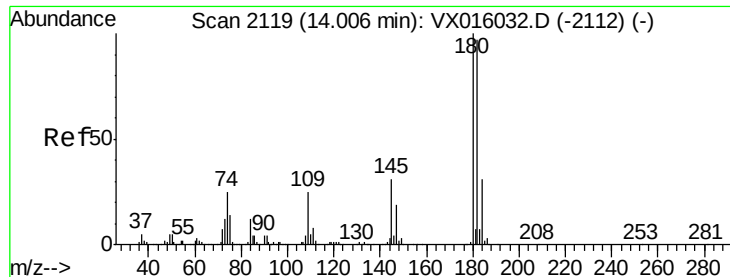
127 12.8 10.2 15.4

129 10.7 8.7 13.1



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





#96

1,2,3-Trichlorobenzene

Concen: 41.222 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016312.D

Acq: 18 May 2020 20:42

Instrument :

MSVOA_X

ClientSampleId :

WP021MW173-200514MS

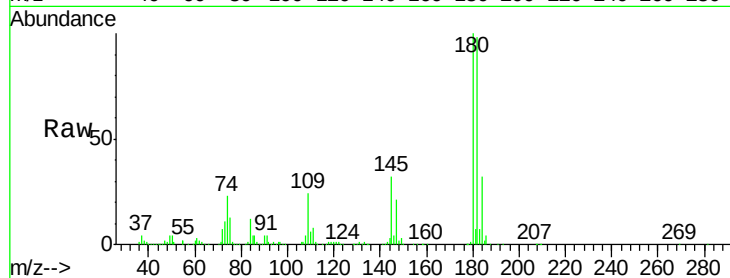
Tot Ion:180 Resp: 191083

Ion Ratio Lower Upper

180 100

182 95.8 48.4 145.0

145 33.2 16.4 49.1



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

