

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016572.D
 Acq On : 03 Jun 2020 17:28
 Operator : JC/SP
 Sample : L2867-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Quant Time: Jun 04 08:26:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	248087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	389989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	367242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188716	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	150673	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	5.47	113	121339	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
50) Toluene-d8	8.70	98	463364	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.12	95	179680	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	108039	44.252	ug/l	98
3) Chloromethane	1.31	50	127148	43.095	ug/l	100
4) Vinyl Chloride	1.39	62	147658	47.324	ug/l	99
5) Bromomethane	1.62	94	65977	43.490	ug/l	100
6) Chloroethane	1.70	64	89419	49.130	ug/l	99
7) Trichlorofluoromethane	1.91	101	201247	49.113	ug/l	100
8) Diethyl Ether	2.17	74	82269	48.149	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	103930	46.085	ug/l	99
10) Methyl Iodide	2.49	142	106043	40.008	ug/l	100
11) Tert butyl alcohol	3.02	59	186241	235.735	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115451	48.364	ug/l	100
13) Acrolein	2.27	56	97990	291.572	ug/l	97
14) Allyl chloride	2.71	41	200742	45.726	ug/l	98
15) Acrylonitrile	3.12	53	395374	244.306	ug/l	99
16) Acetone	2.42	43	332162	246.079	ug/l	99
17) Carbon Disulfide	2.55	76	322472	45.490	ug/l	100
18) Methyl Acetate	2.75	43	166314	48.039	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	424592	49.533	ug/l	98
20) Methylene Chloride	2.83	84	134239	48.068	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	127449	48.268	ug/l	93
22) Diisopropyl ether	3.82	45	392348	46.523	ug/l	99
23) Vinyl Acetate	3.79	43	1720661	233.093	ug/l	97
24) 1,1-Dichloroethane	3.67	63	229659	48.248	ug/l	100
25) 2-Butanone	4.64	43	540636	236.373	ug/l	96
26) 2,2-Dichloropropane	4.55	77	192818	49.504	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	153546	50.266	ug/l	97
28) Bromochloromethane	4.98	49	99648	45.049	ug/l	91
29) Tetrahydrofuran	5.09	42	351581	237.932	ug/l	96
30) Chloroform	5.18	83	237437	49.506	ug/l	99
31) Cyclohexane	5.55	56	184253	43.027	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	215427	49.613	ug/l	98
36) 1,1-Dichloropropene	5.77	75	172210	46.638	ug/l	98
37) Ethyl Acetate	4.79	43	247105	55.741	ug/l	97
38) Carbon Tetrachloride	5.76	117	192376	49.576	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	183961	45.868	ug/l	97
40) Benzene	6.12	78	529639	48.167	ug/l	100
41) Methacrylonitrile	5.00	41	112992	46.403	ug/l	98
42) 1,2-Dichloroethane	6.17	62	191015	48.847	ug/l	99
43) Isopropyl Acetate	6.42	43	316205	45.729	ug/l	98
44) Trichloroethene	7.19	130	159770	45.795	ug/l	95
45) 1,2-Dichloropropane	7.49	63	135220	48.304	ug/l	99
46) Dibromomethane	7.64	93	92422	49.155	ug/l	98
47) Bromodichloromethane	7.88	83	194661	50.001	ug/l	99
48) Methyl methacrylate	7.74	41	155586	46.993	ug/l	97
49) 1,4-Dioxane	7.71	88	69508	897.088	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1035607	240.525	ug/l	98
52) Toluene	8.76	92	345737	49.861	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	226566	51.179	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	231849	49.480	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	138572	50.263	ug/l	97
56) Ethyl methacrylate	9.16	69	226063	50.348	ug/l	97
57) 1,3-Dichloropropane	9.35	76	236489	49.975	ug/l	99
59) 2-Hexanone	9.48	43	806181	240.774	ug/l	97
60) Dibromochloromethane	9.57	129	163172	52.593	ug/l	99
61) 1,2-Dibromoethane	9.65	107	150397	50.942	ug/l	99
64) Tetrachloroethene	9.32	164	167496	40.767	ug/l	97
65) Chlorobenzene	10.12	112	371891	49.671	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	145362	50.861	ug/l	99
67) Ethyl Benzene	10.24	91	657051	49.291	ug/l	99
68) m/p-Xylenes	10.34	106	497054	100.569	ug/l	100
69) o-Xylene	10.68	106	240108	50.163	ug/l	98
70) Styrene	10.70	104	419397	50.976	ug/l	100
71) Bromoform	10.84	173	127207	52.665	ug/l #	100
73) Isopropylbenzene	11.00	105	637172	48.729	ug/l	100
74) N-amyl acetate	10.88	43	271053	45.067	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	185949	56.743	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	263105	63.428	ug/l	84
77) Bromobenzene	11.24	156	168806	49.221	ug/l	96
78) n-propylbenzene	11.35	91	714181	48.888	ug/l	100
79) 2-Chlorotoluene	11.40	91	434015	48.673	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	541577	49.604	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	78676	46.656	ug/l	98
82) 4-Chlorotoluene	11.49	91	510085	48.441	ug/l	99
83) tert-Butylbenzene	11.76	119	493973	52.950	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	552728	50.059	ug/l	100
85) sec-Butylbenzene	11.93	105	591443	50.538	ug/l	100
86) p-Isopropyltoluene	12.05	119	558959	50.988	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	296886	49.967	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	289704	47.674	ug/l	98
89) n-Butylbenzene	12.37	91	468585	51.318	ug/l	99
90) Hexachloroethane	12.58	117	96348	50.882	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	283062	49.173	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51810	48.810	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	202501	52.968	ug/l	99

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Response via : Initial Calibration

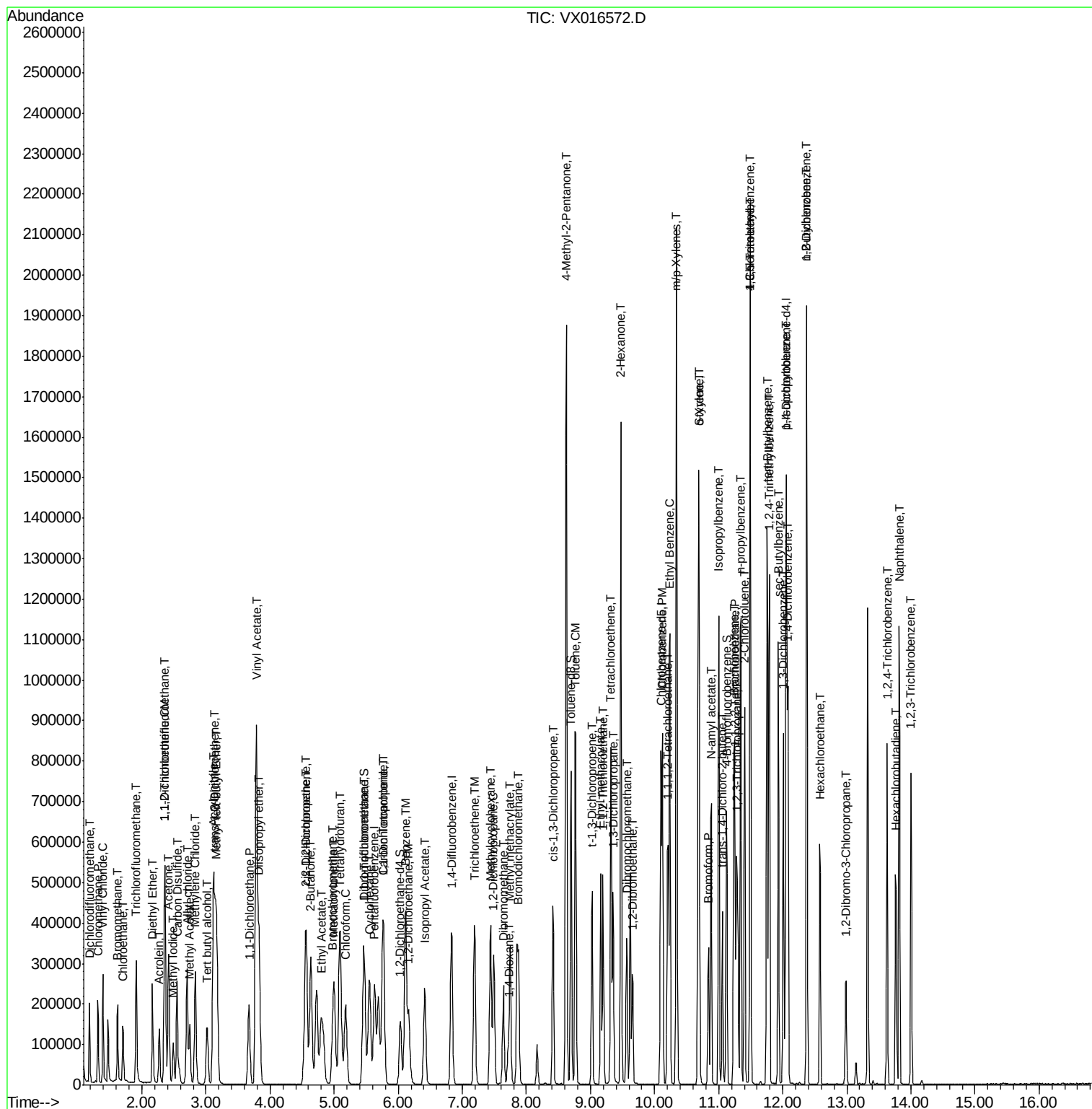
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	82091	54.690	ug/l	100
95) Naphthalene	13.82	128	672494	51.312	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	199892	53.369	ug/l	99

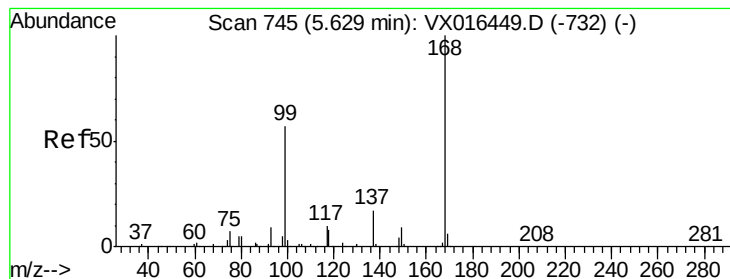
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

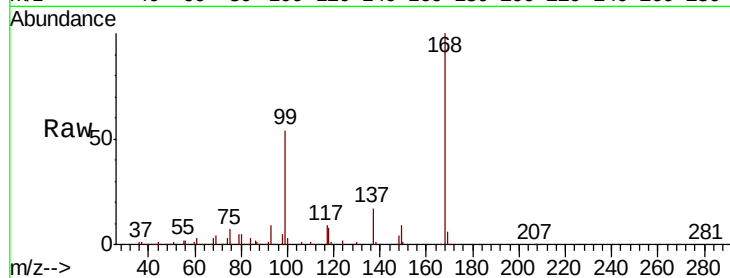
SP20-MMW3414MSD

Tot Ion:168 Resp: 248087

Ion Ratio Lower Upper

168 100

99 53.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

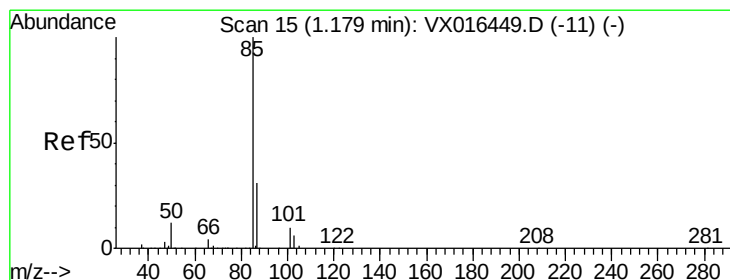
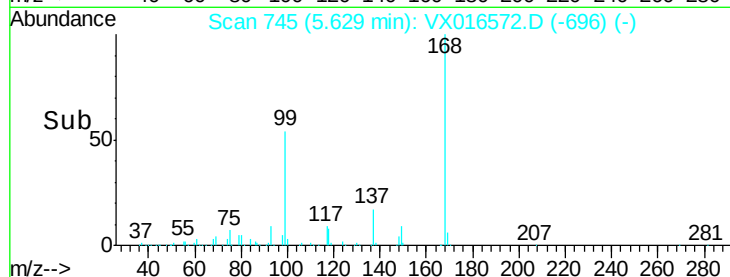
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.252 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016572.D

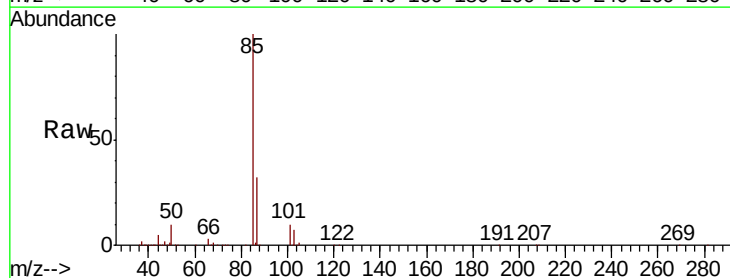
Acq: 03 Jun 2020 17:28

Tgt Ion: 85 Resp: 108039

Ion Ratio Lower Upper

85 100

87 31.9 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

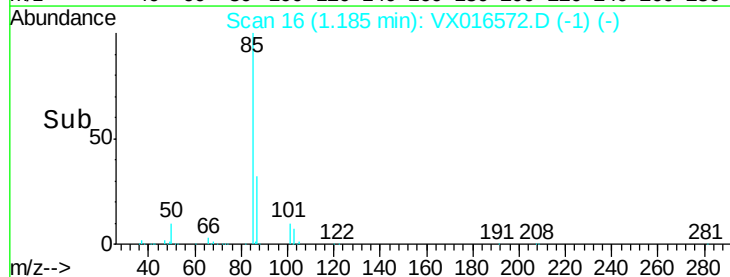
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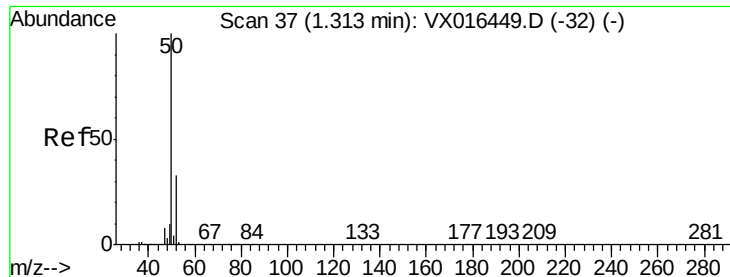
40000

20000

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Time-->





#3

Chloromethane

Concen: 43.095 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

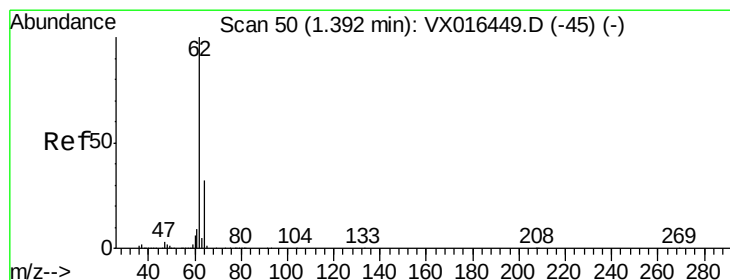
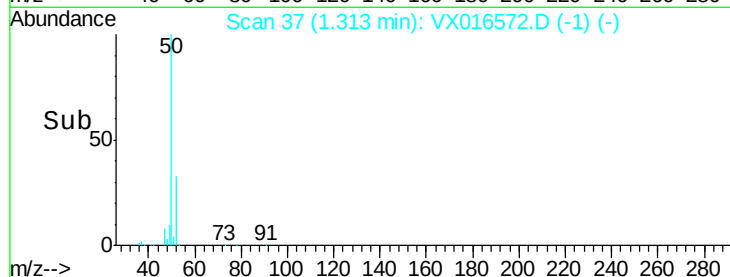
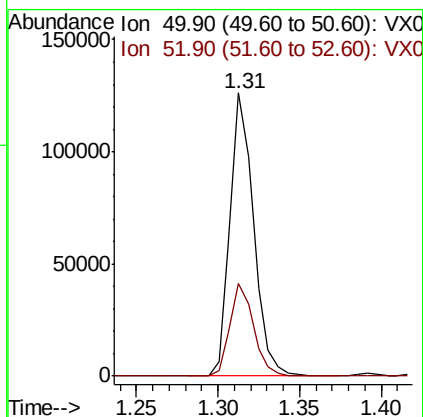
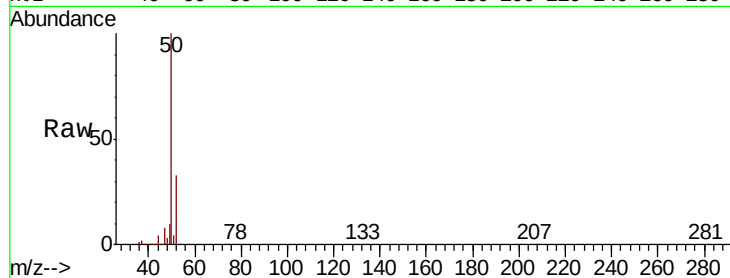
SP20-MMW3414MSD

Tot Ion: 50 Resp: 127148

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 47.324 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016572.D

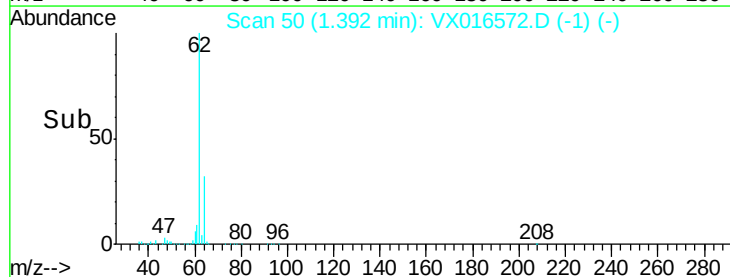
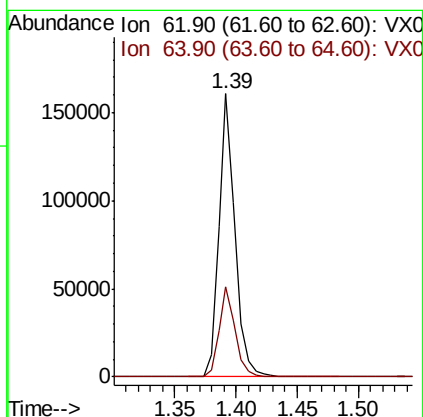
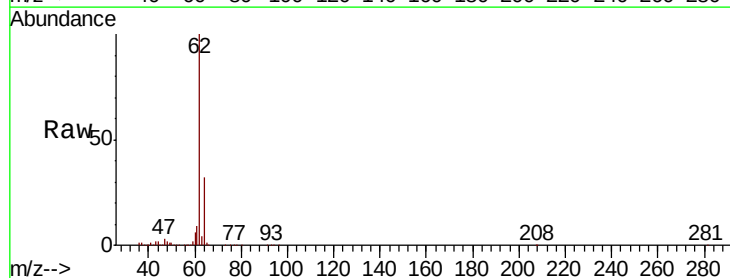
Acq: 03 Jun 2020 17:28

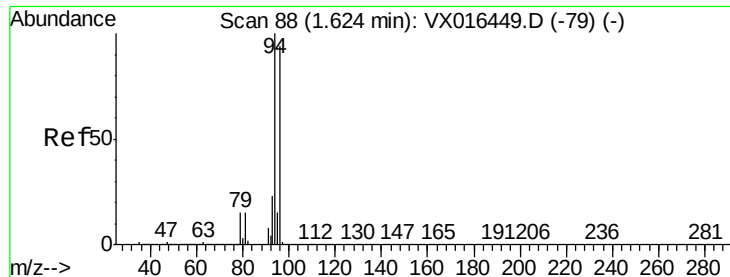
Tgt Ion: 62 Resp: 147658

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 43.490 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

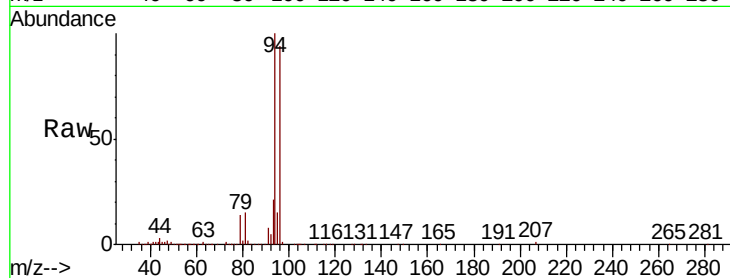
SP20-MMW3414MSD

Tot Ion: 94 Resp: 65977

Ion Ratio Lower Upper

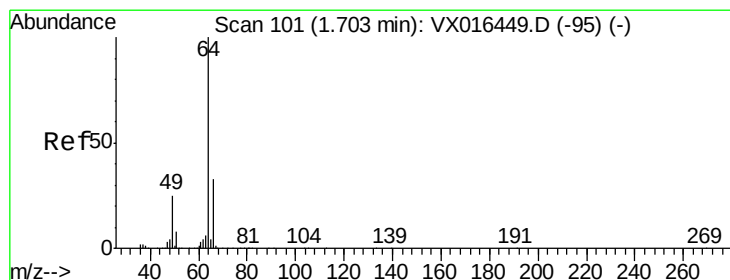
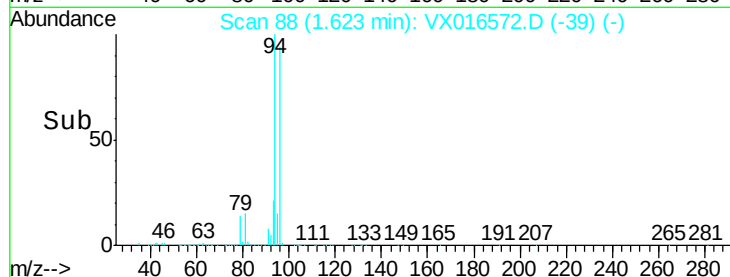
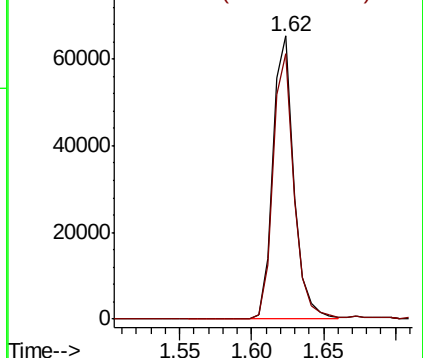
94 100

96 93.9 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.130 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016572.D

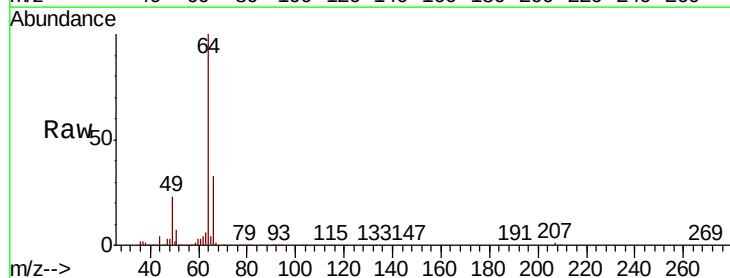
Acq: 03 Jun 2020 17:28

Tgt Ion: 64 Resp: 89419

Ion Ratio Lower Upper

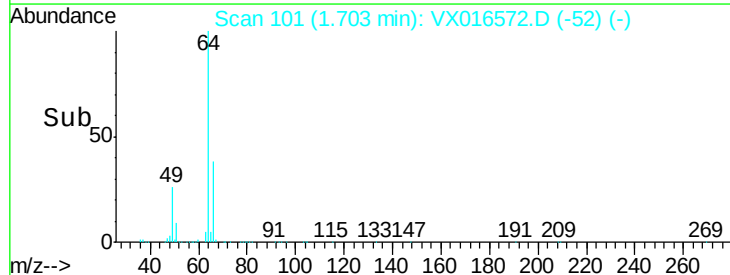
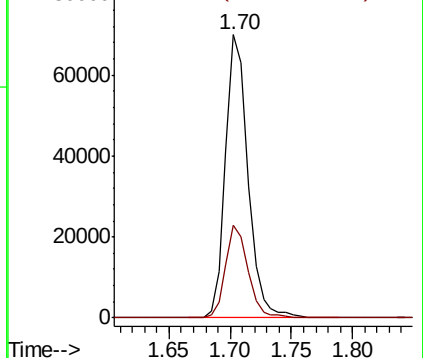
64 100

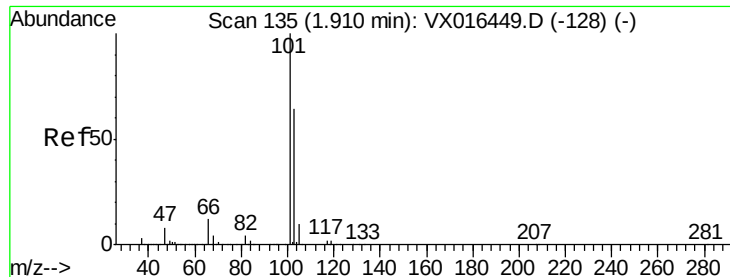
66 32.7 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



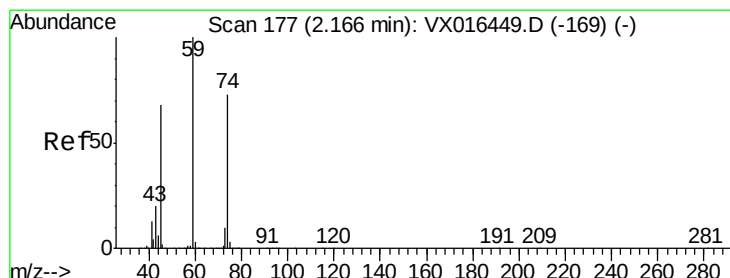
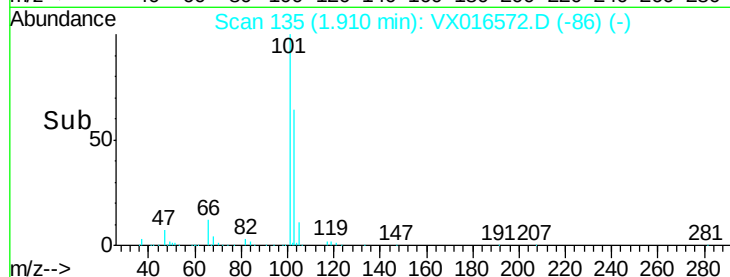
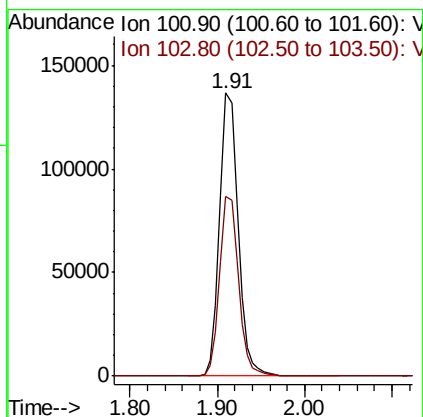
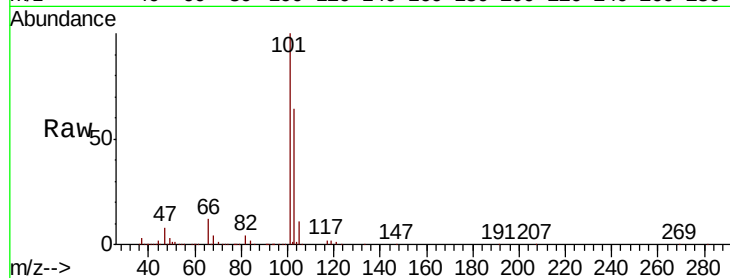


#7

Trichlorofluoromethane
Concen: 49.113 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
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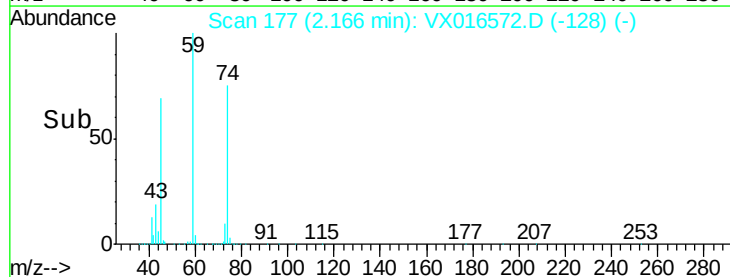
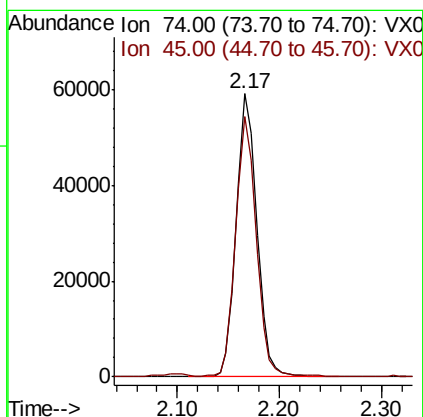
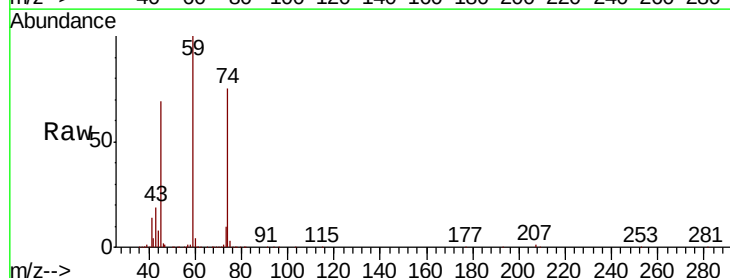
Tot Ion:101 Resp: 201247
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3

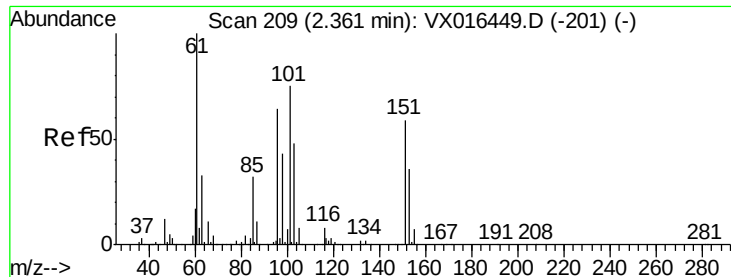


#8

Diethyl Ether
Concen: 48.149 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 74 Resp: 82269
Ion Ratio Lower Upper
74 100
45 91.6 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.085 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

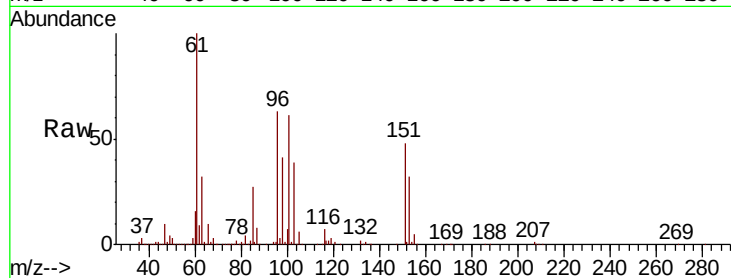
Tot Ion:101 Resp: 103930

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

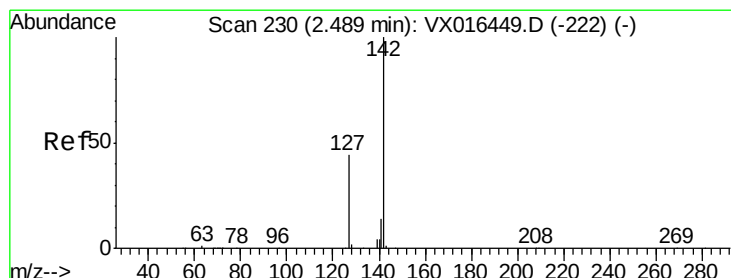
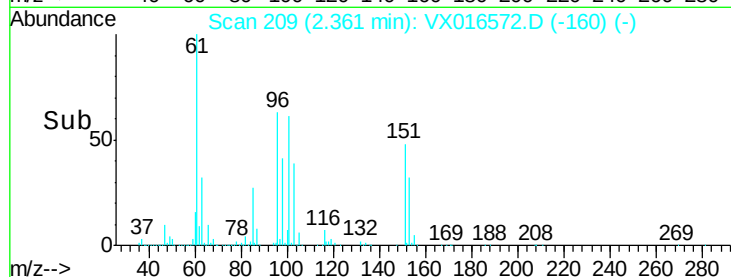
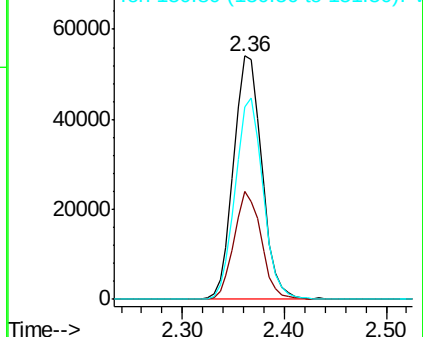
151 81.4 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.008 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

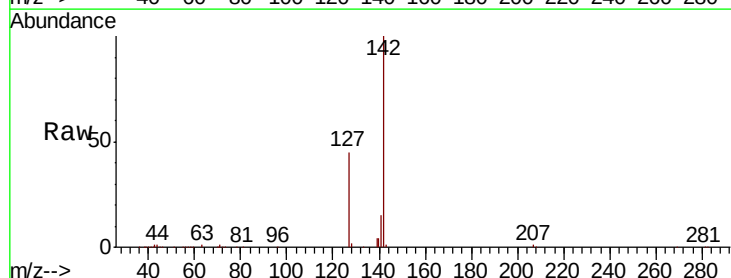
Tgt Ion:142 Resp: 106043

Ion Ratio Lower Upper

142 100

127 43.7 35.3 52.9

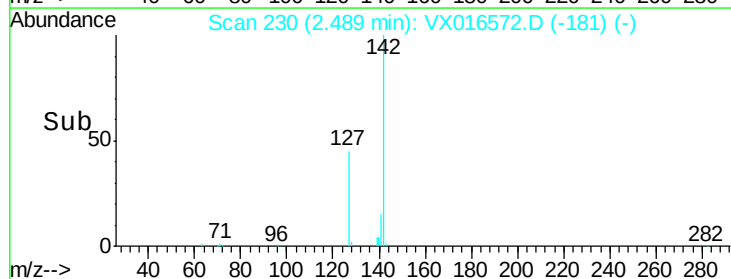
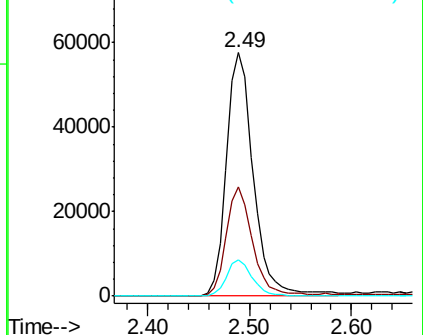
141 14.4 11.4 17.2

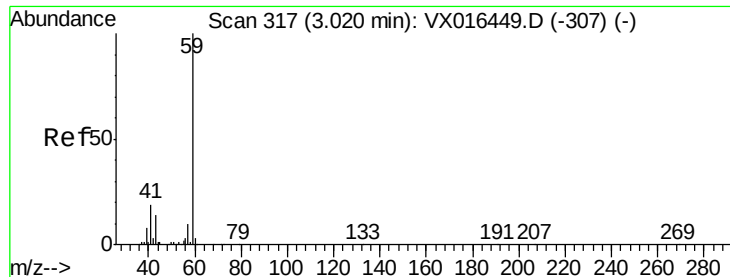


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

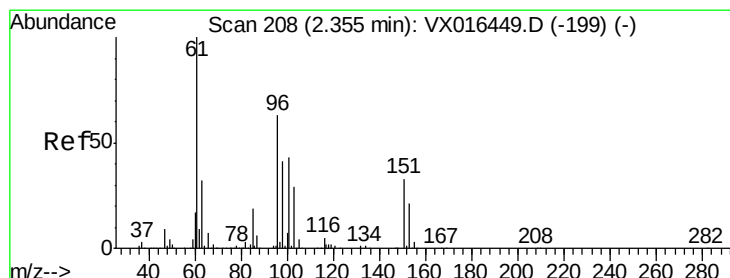
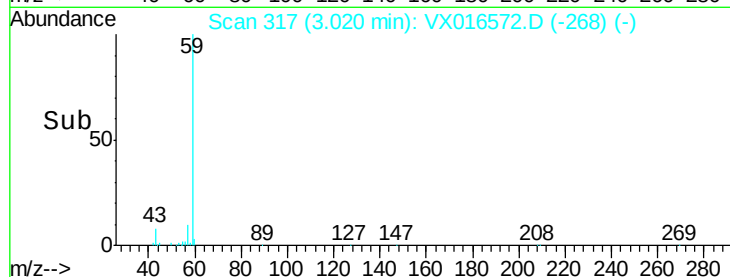
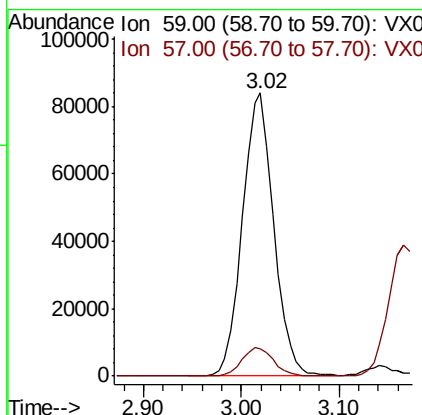
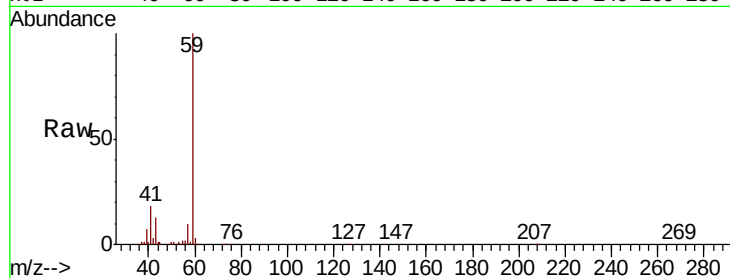




#11
Tert butyl alcohol
Concen: 235.735 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

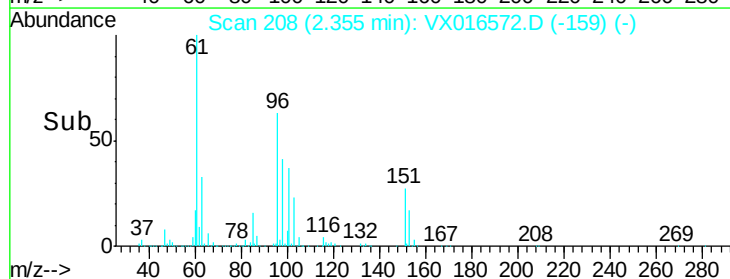
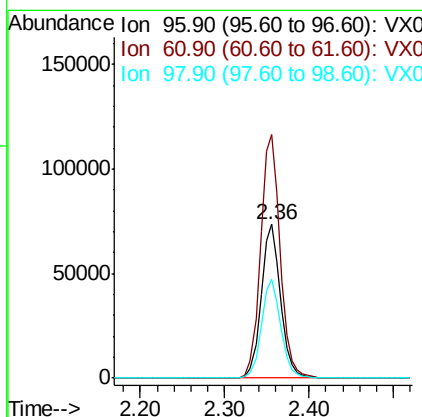
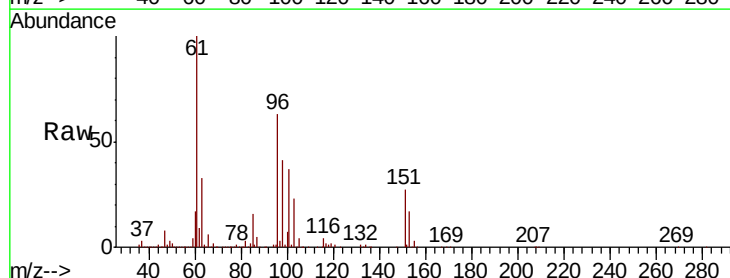
Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

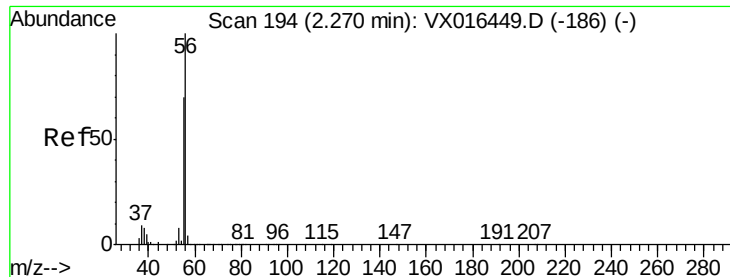
Tot Ion: 59 Resp: 186241
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.364 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 96 Resp: 115451
Ion Ratio Lower Upper
96 100
61 158.3 126.6 189.8
98 64.5 51.3 76.9





#13

Acrolein

Concen: 291.572 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

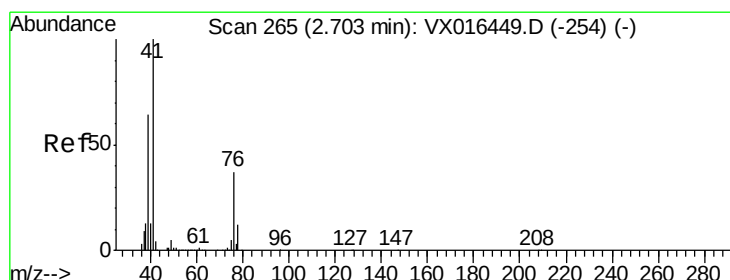
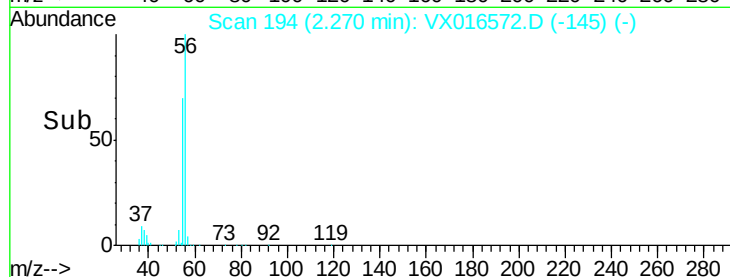
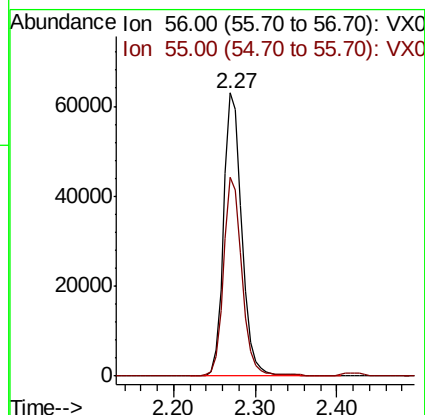
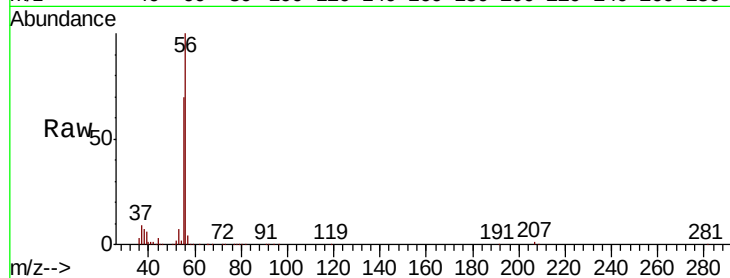
SP20-MMW3414MSD

Tot Ion: 56 Resp: 97990

Ion Ratio Lower Upper

56 100

55 70.1 58.3 87.5



#14

Allyl chloride

Concen: 45.726 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

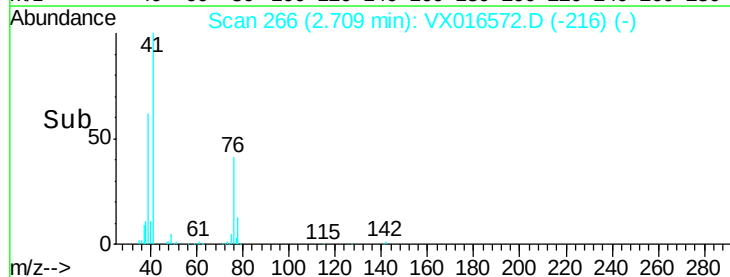
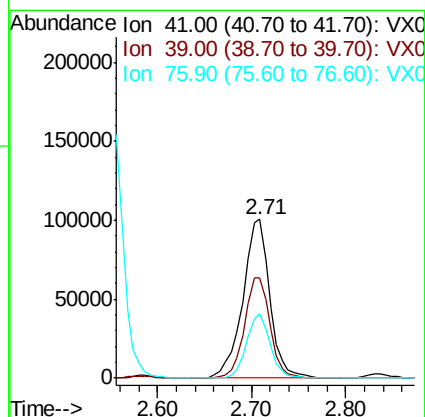
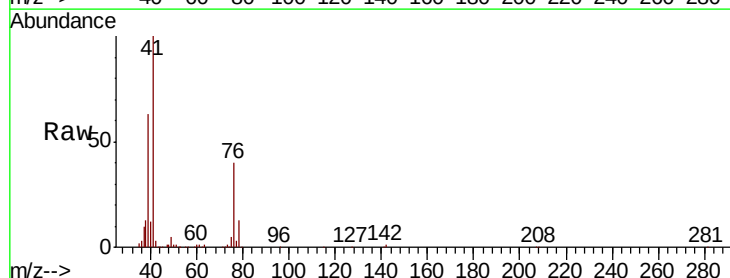
Tgt Ion: 41 Resp: 200742

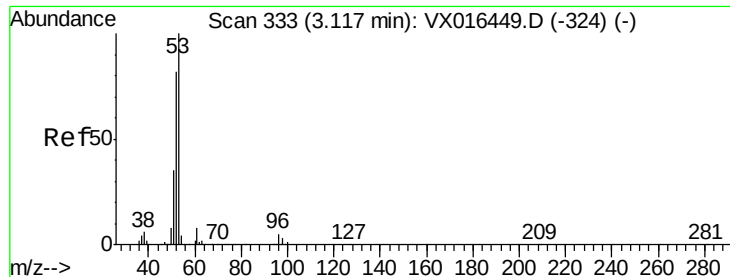
Ion Ratio Lower Upper

41 100

39 59.8 47.7 71.5

76 35.5 26.6 40.0





#15

Acrylonitrile

Concen: 244.306 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

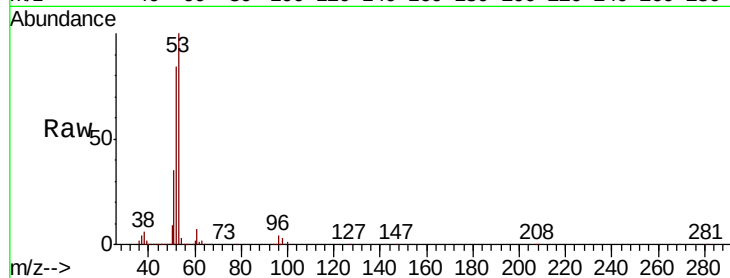
Tot Ion: 53 Resp: 395374

Ion Ratio Lower Upper

53 100

52 82.9 66.7 100.1

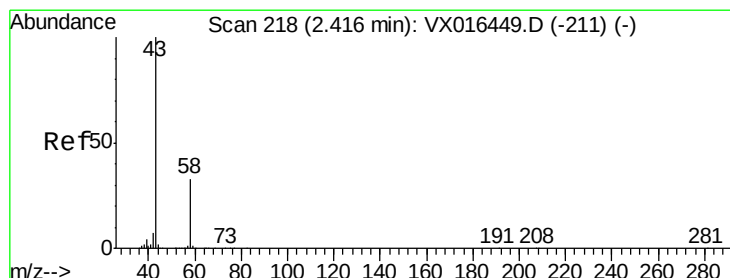
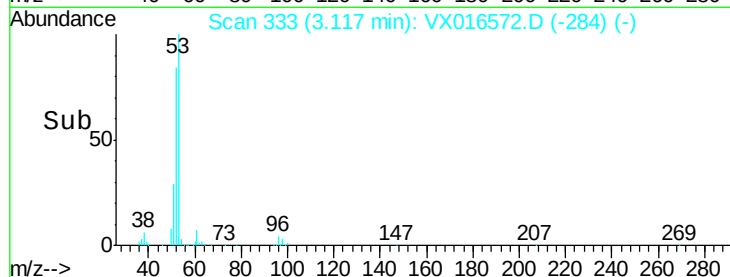
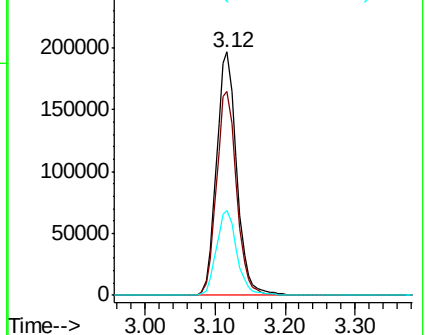
51 35.5 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 246.079 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016572.D

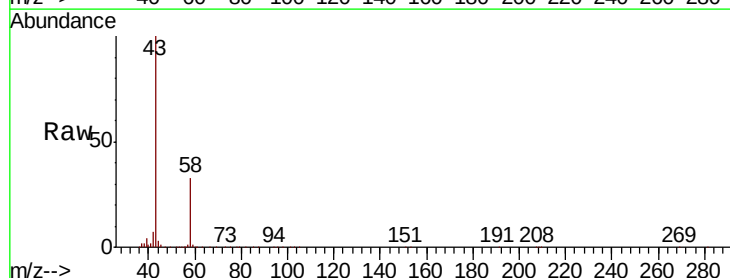
Acq: 03 Jun 2020 17:28

Tgt Ion: 43 Resp: 332162

Ion Ratio Lower Upper

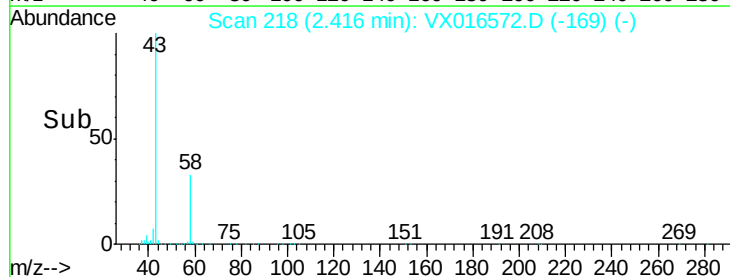
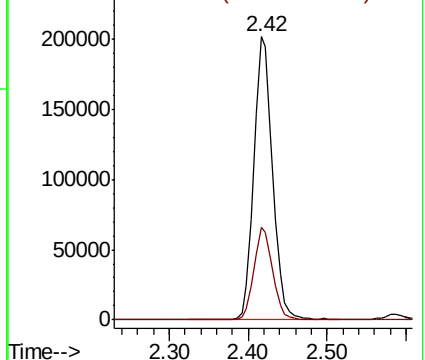
43 100

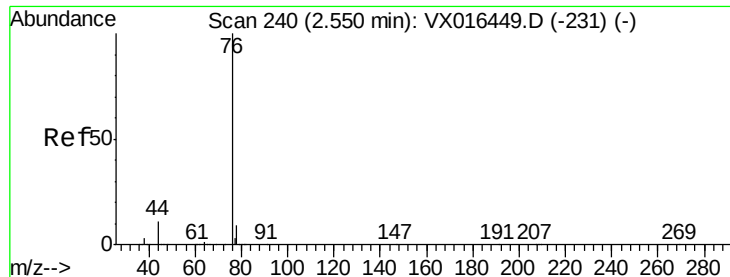
58 32.9 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.490 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

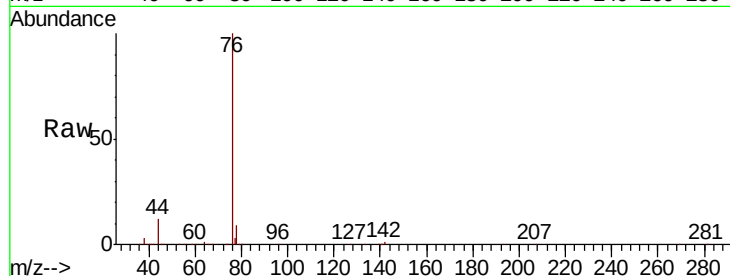
SP20-MMW3414MSD

Tot Ion: 76 Resp: 322472

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

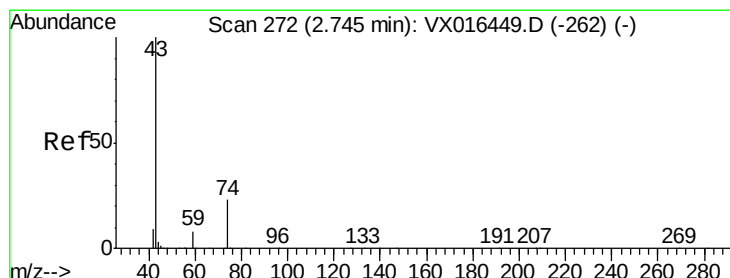
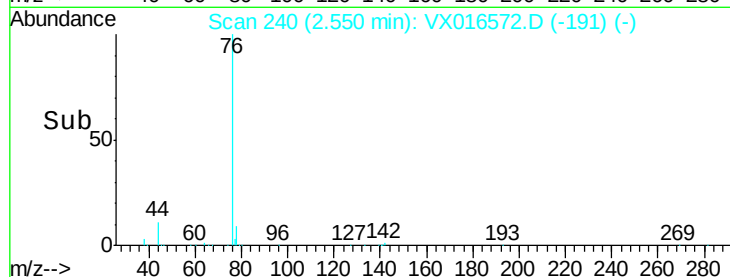
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.039 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016572.D

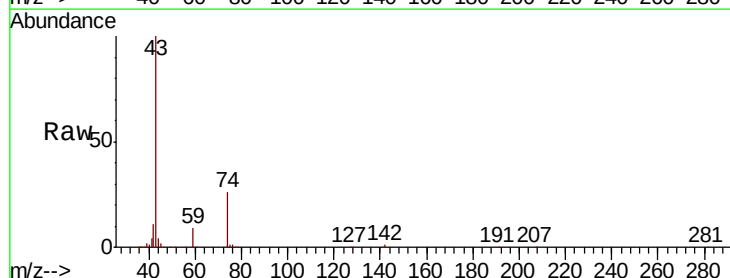
Acq: 03 Jun 2020 17:28

Tgt Ion: 43 Resp: 166314

Ion Ratio Lower Upper

43 100

74 26.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

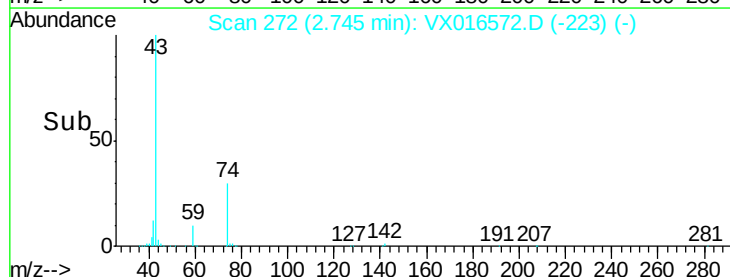
60000

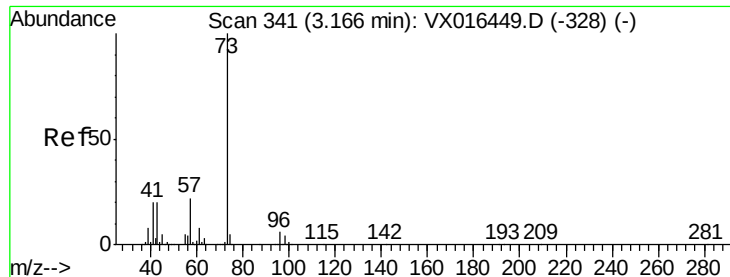
40000

20000

0

Time-->

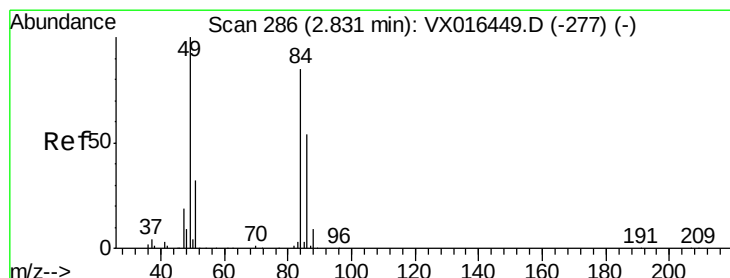
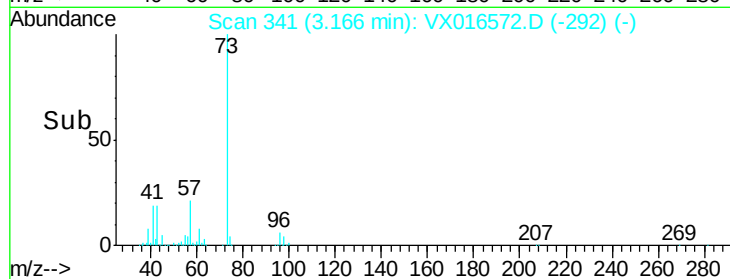
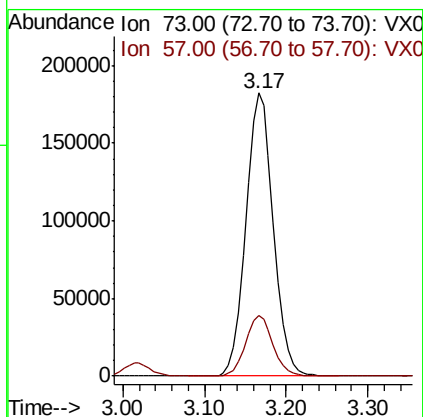
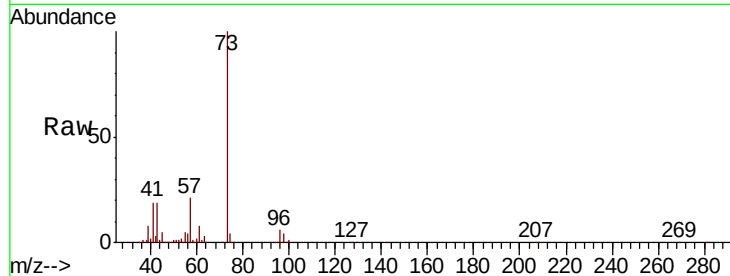




#19
Methyl tert-butyl Ether
Concen: 49.533 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

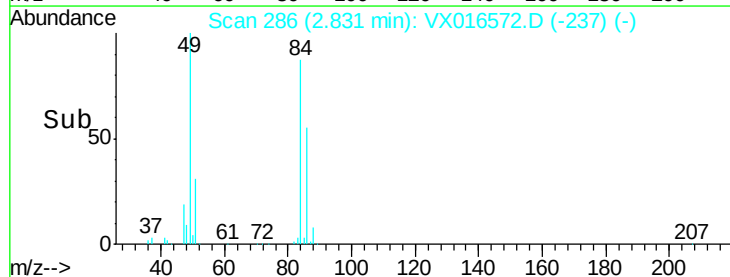
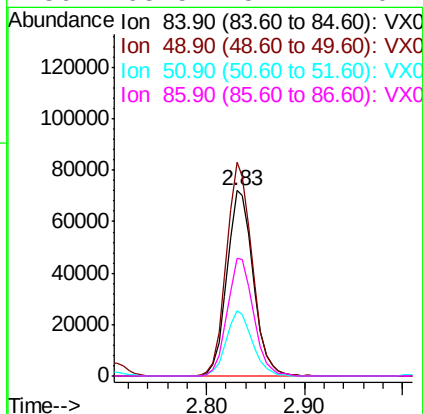
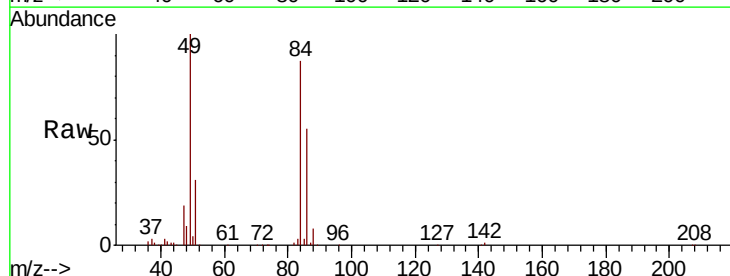
Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

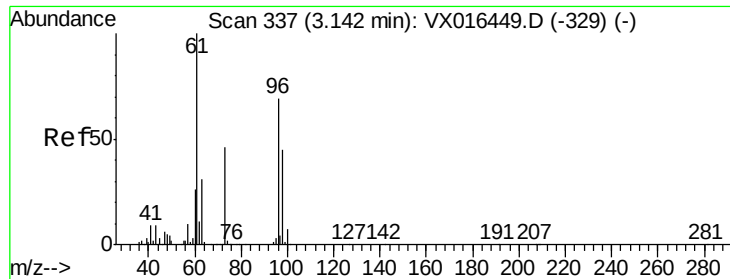
Tot Ion: 73 Resp: 424592
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.6



#20
Methylene Chloride
Concen: 48.068 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 84 Resp: 134239
Ion Ratio Lower Upper
84 100
49 115.3 94.5 141.7
51 35.3 30.2 45.4
86 63.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.268 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

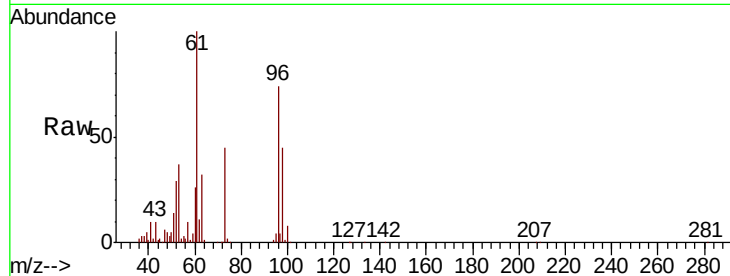
Tot Ion: 96 Resp: 127449

Ion Ratio Lower Upper

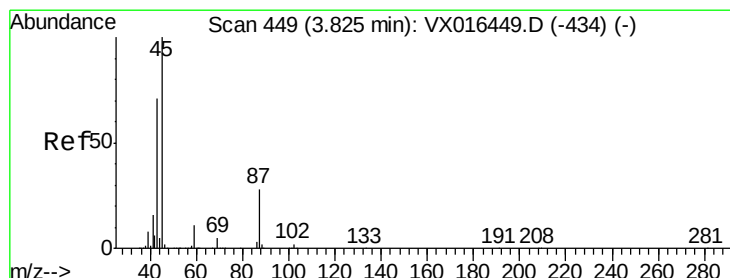
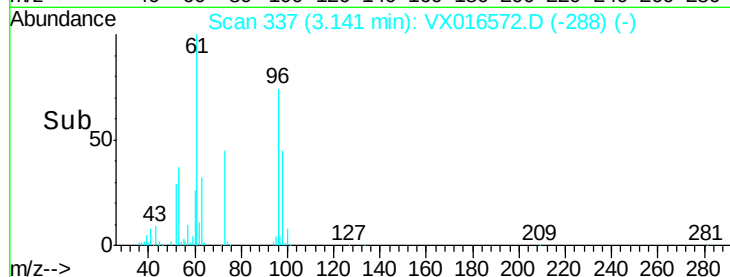
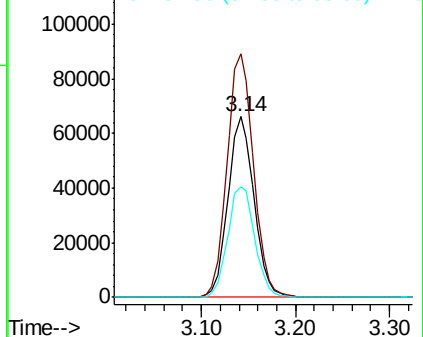
96 100

61 134.6 115.3 172.9

98 60.9 51.9 77.9



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



#22

Diisopropyl ether

Concen: 46.523 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Tgt Ion: 45 Resp: 392348

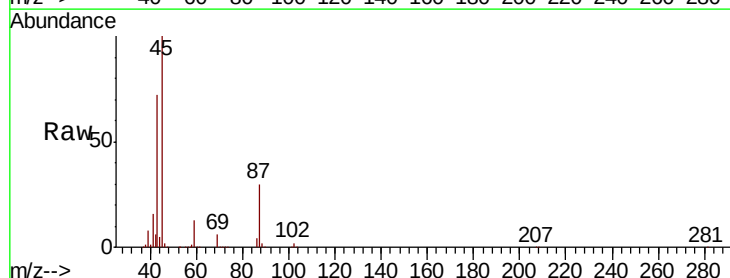
Ion Ratio Lower Upper

45 100

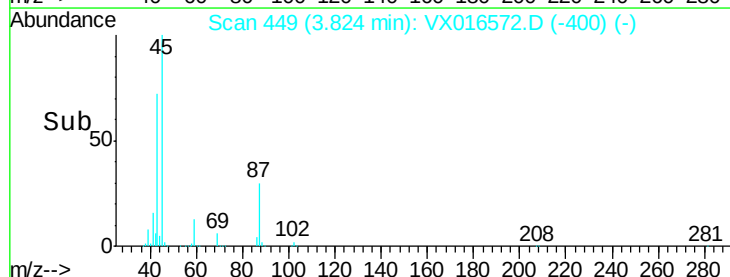
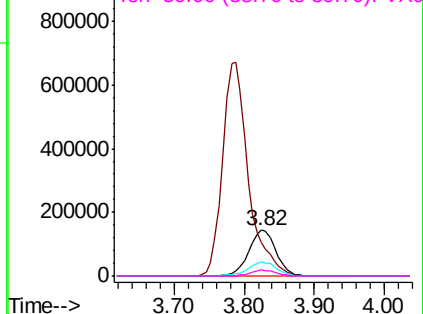
43 71.6 57.0 85.6

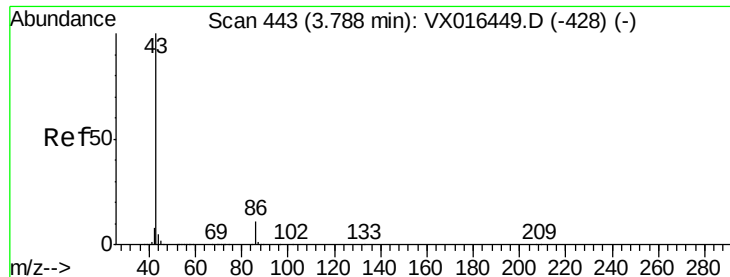
87 29.7 22.5 33.7

59 12.7 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 233.093 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

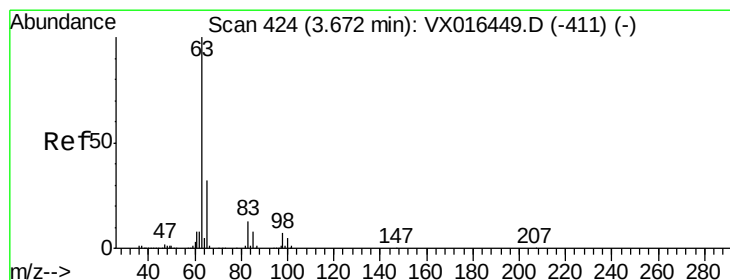
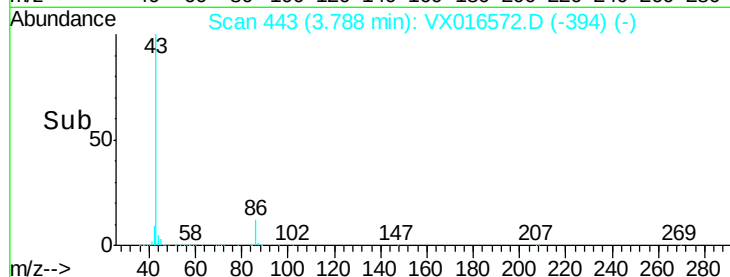
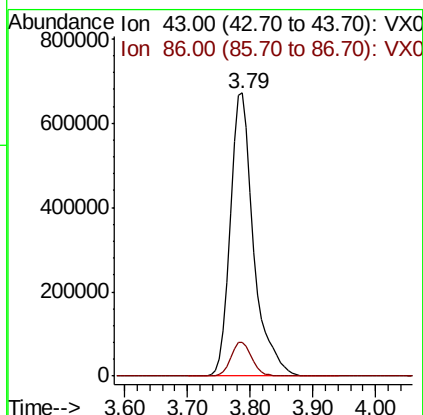
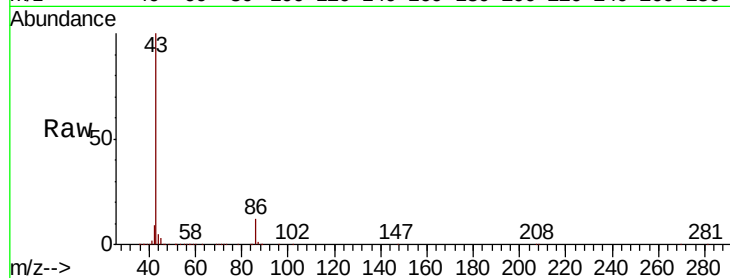
SP20-MMW3414MSD

Tot Ion: 43 Resp: 1720661

Ion Ratio Lower Upper

43 100

86 12.0 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.248 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

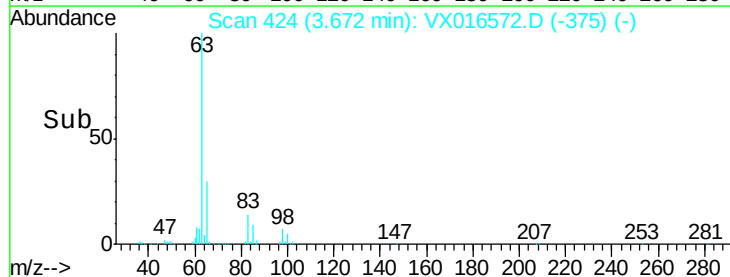
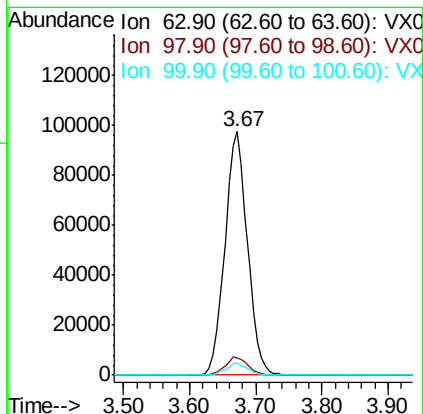
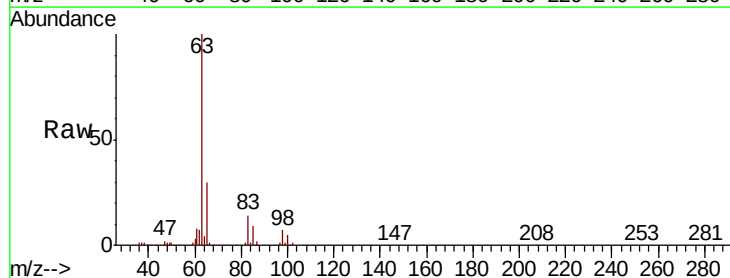
Tgt Ion: 63 Resp: 229659

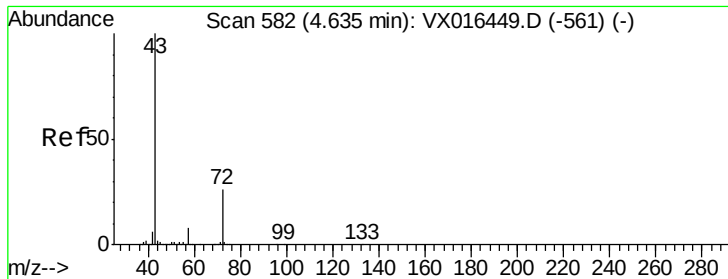
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 236.373 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

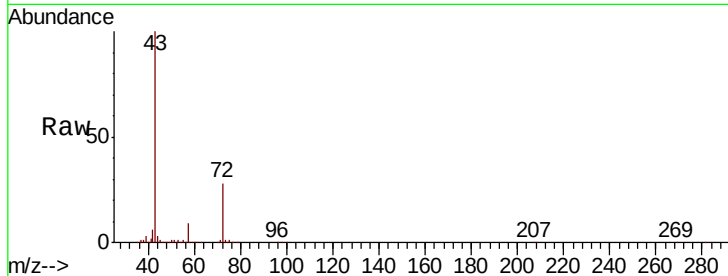
SP20-MMW3414MSD

Tot Ion: 43 Resp: 540636

Ion Ratio Lower Upper

43 100

72 28.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

200000

150000

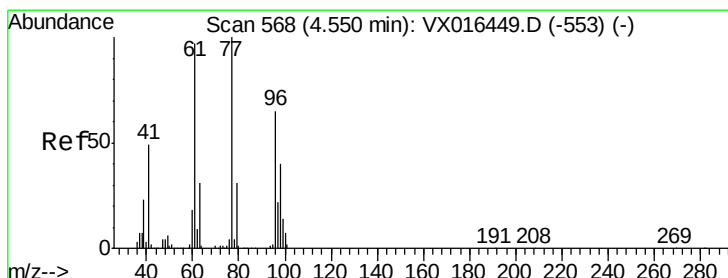
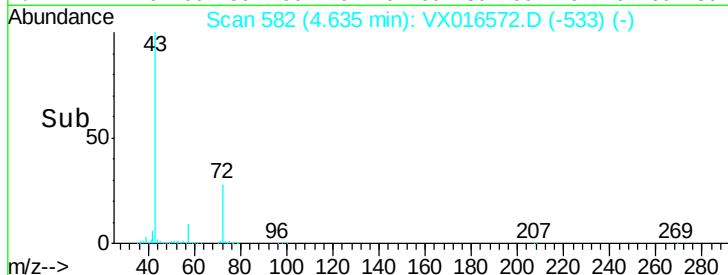
100000

50000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 49.504 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016572.D

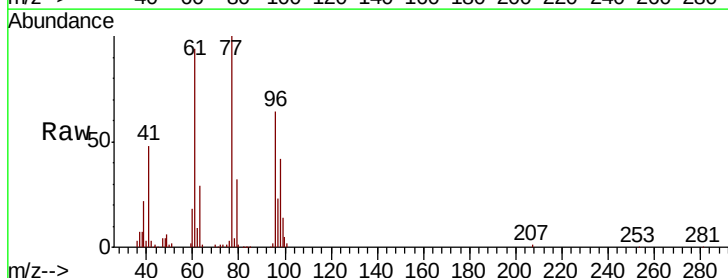
Acq: 03 Jun 2020 17:28

Tgt Ion: 77 Resp: 192818

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

60000

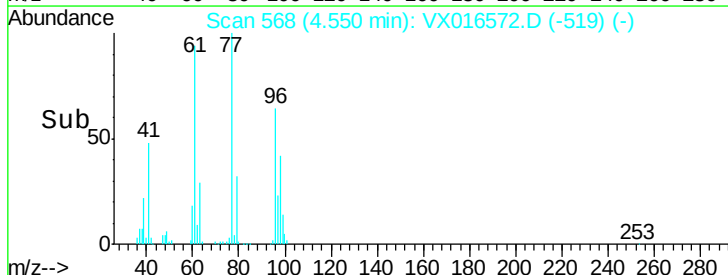
40000

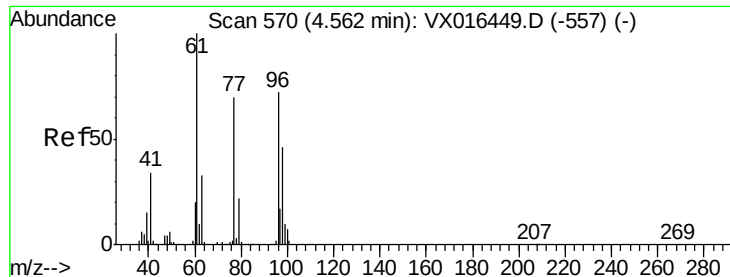
20000

0

4.40 4.50 4.60 4.70

Time-->



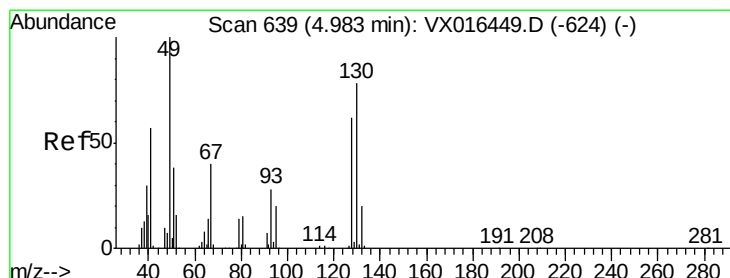
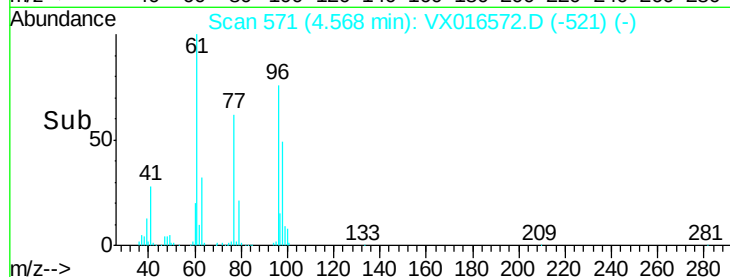
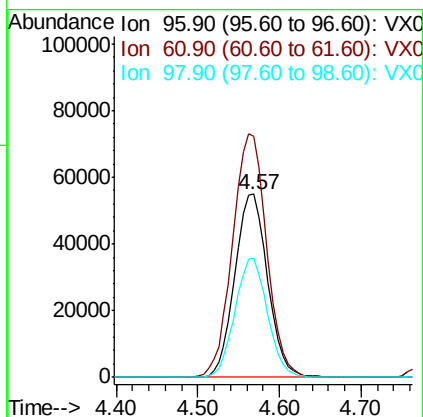
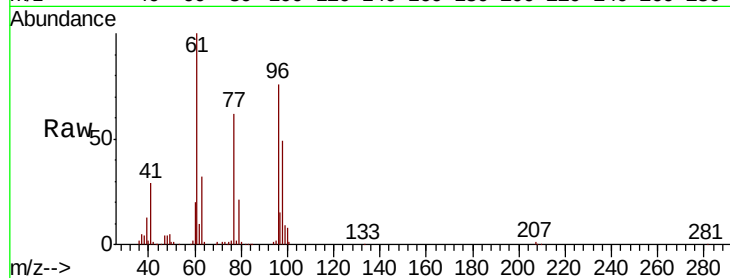


#27

cis-1,2-Dichloroethene
 Concen: 50.266 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

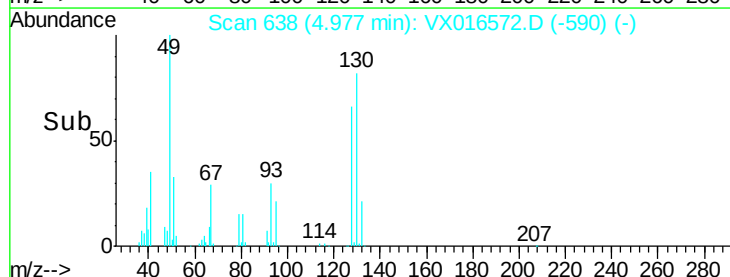
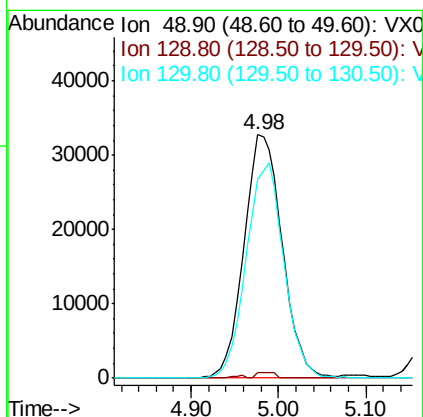
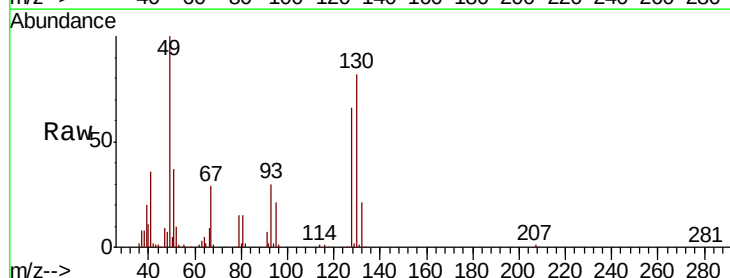
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	284.6
98	64.4	0.0	127.2

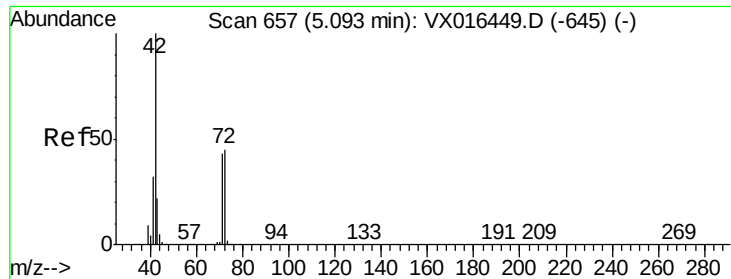


#28

Bromochloromethane
 Concen: 45.049 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.0
130	86.9	63.0	94.4





#29

Tetrahydrofuran

Concen: 237.932 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

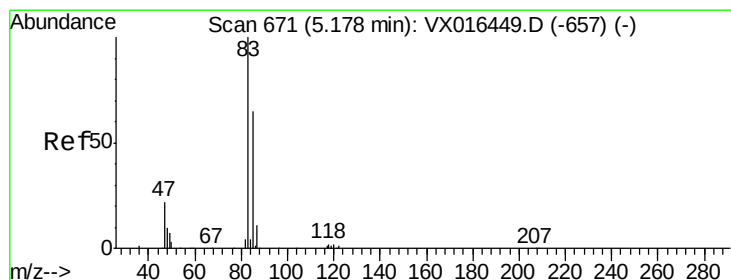
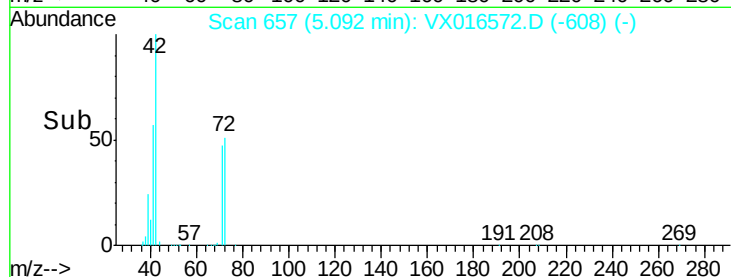
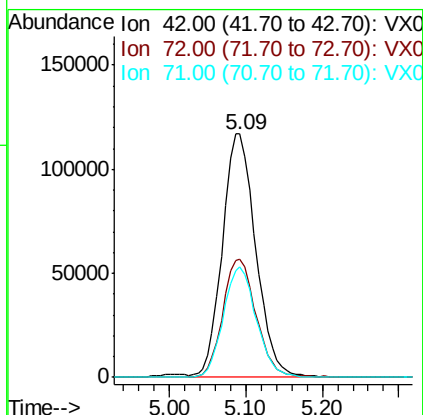
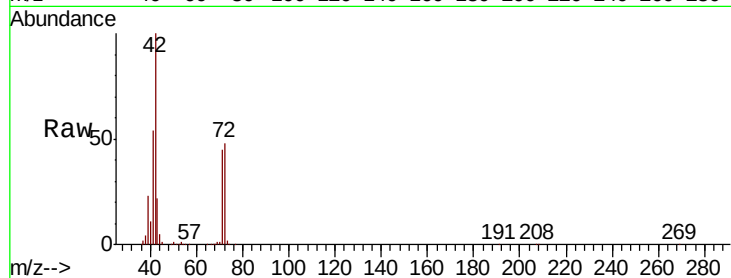
Tot Ion: 42 Resp: 351581

Ion Ratio Lower Upper

42 100

72 49.0 37.0 55.4

71 45.1 34.1 51.1



#30

Chloroform

Concen: 49.506 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016572.D

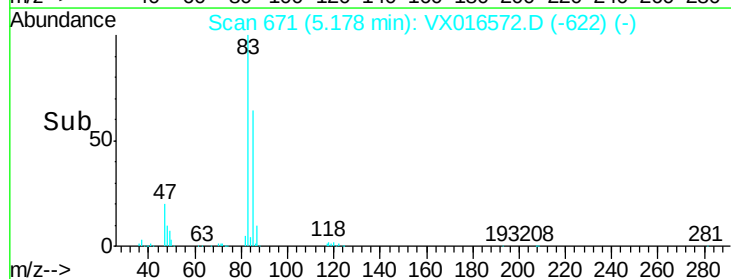
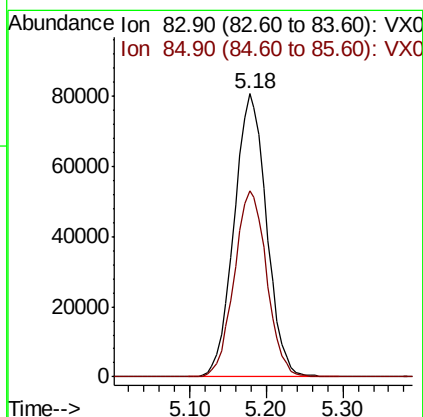
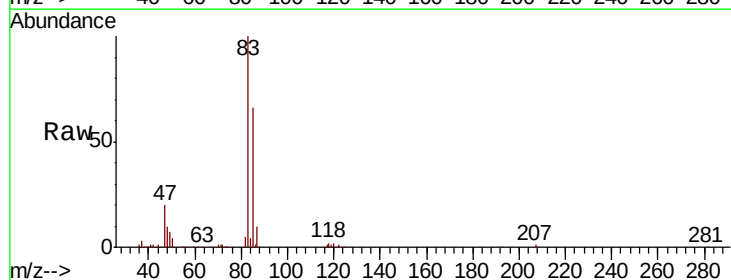
Acq: 03 Jun 2020 17:28

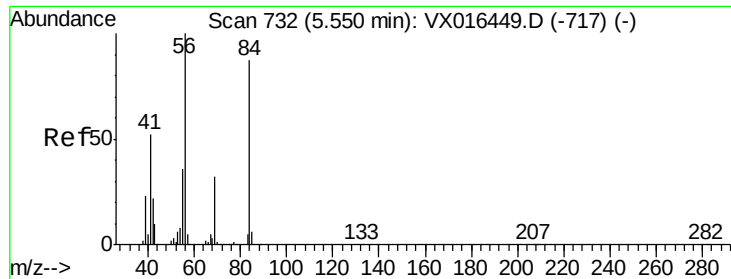
Tgt Ion: 83 Resp: 237437

Ion Ratio Lower Upper

83 100

85 65.7 52.0 78.0

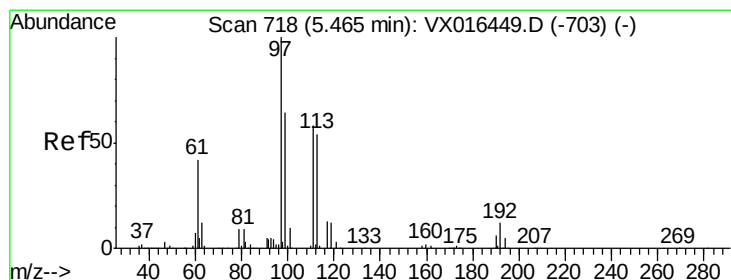
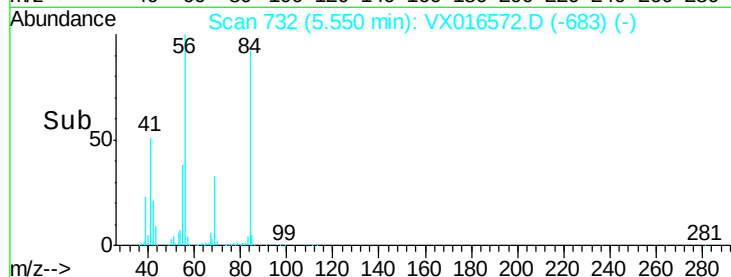
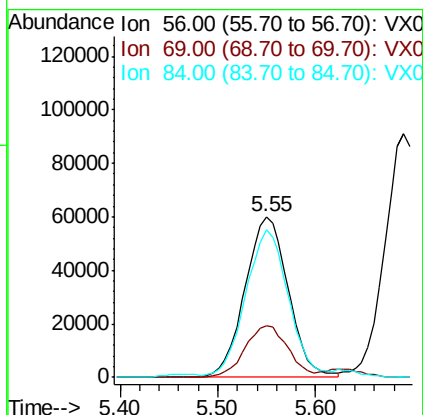
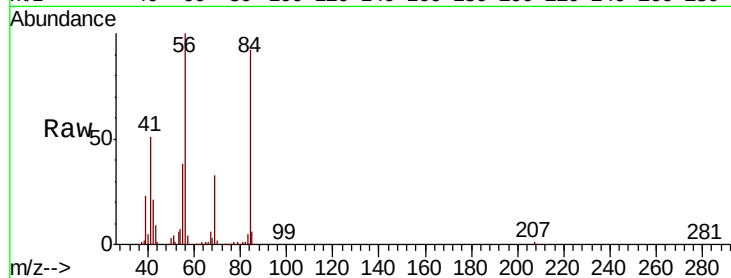




#31
Cyclohexane
Concen: 43.027 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

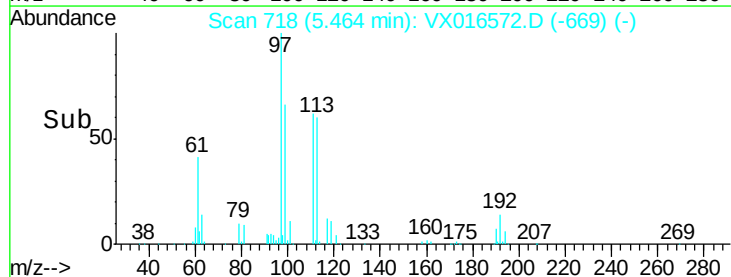
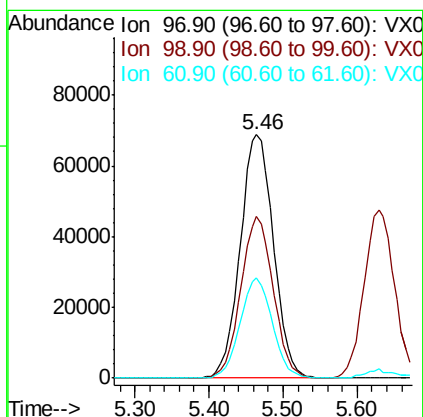
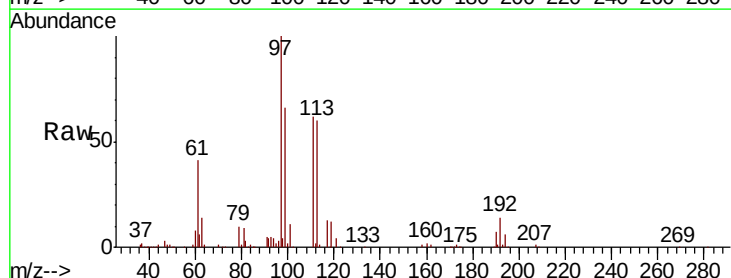
Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

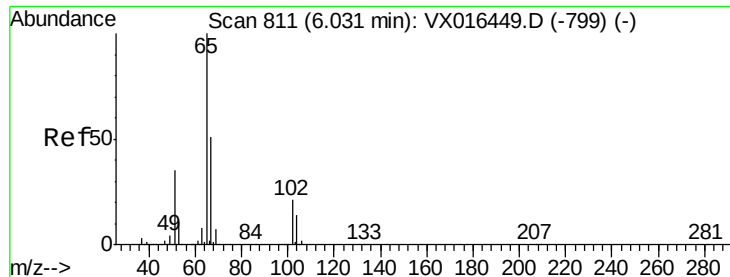
Tot Ion: 56 Resp: 184253
Ion Ratio Lower Upper
56 100
69 32.5 25.7 38.5
84 89.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.613 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 97 Resp: 215427
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 39.9 33.5 50.3

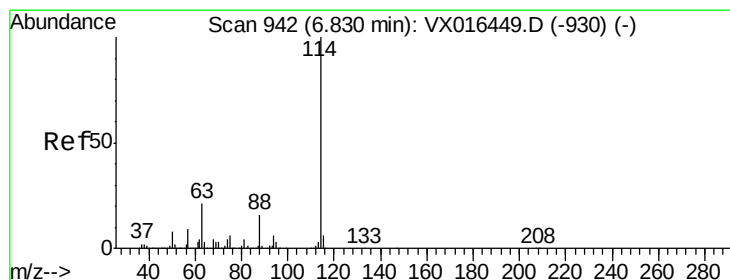
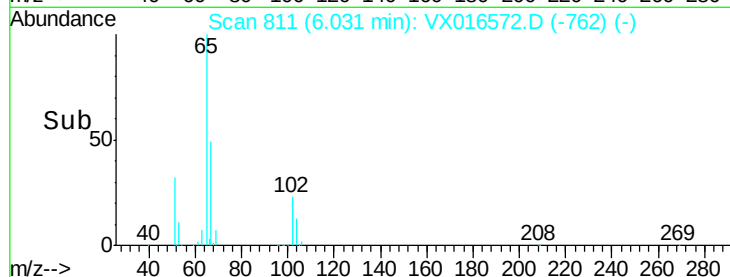
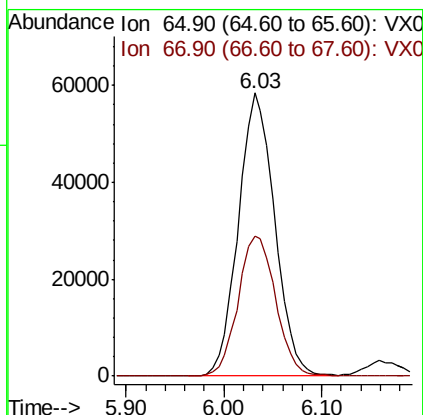
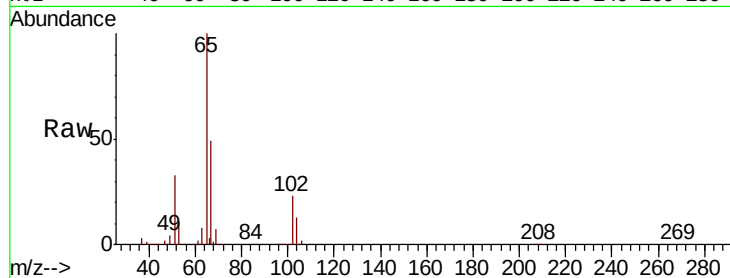




#33
 1,2-Dichloroethane-d4
 Concen: 48.905 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

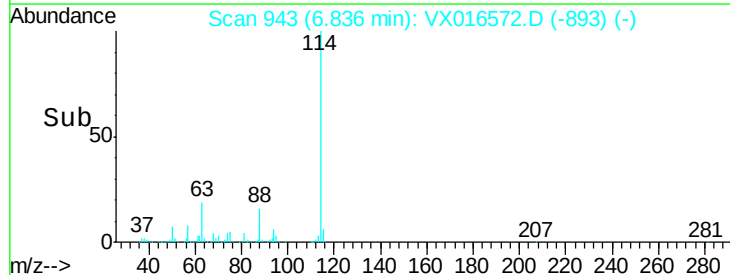
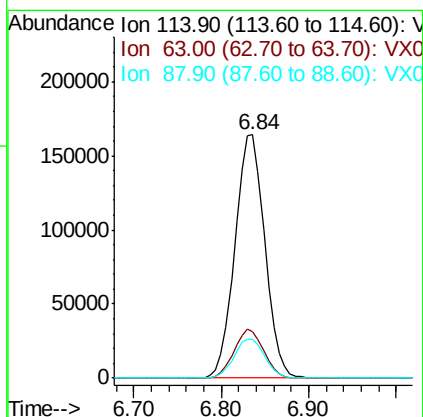
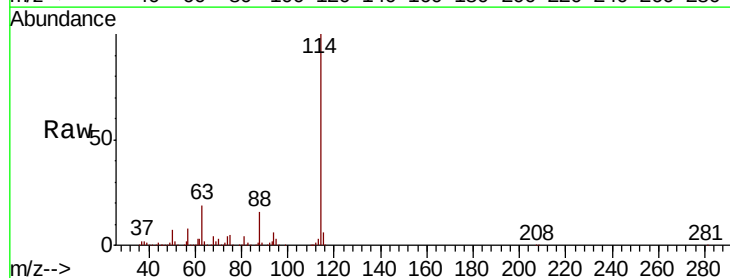
Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

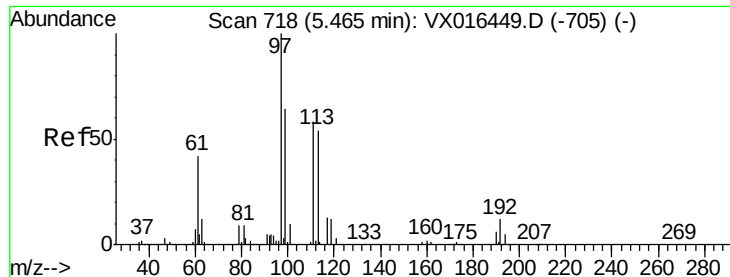
Tot Ion: 65 Resp: 150673
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion: 114 Resp: 389989
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.6
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.530 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

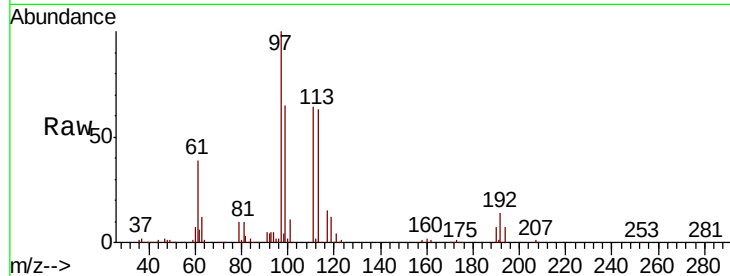
Tot Ion:113 Resp: 121339

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

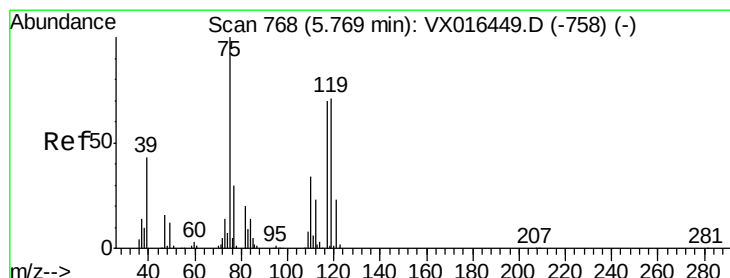
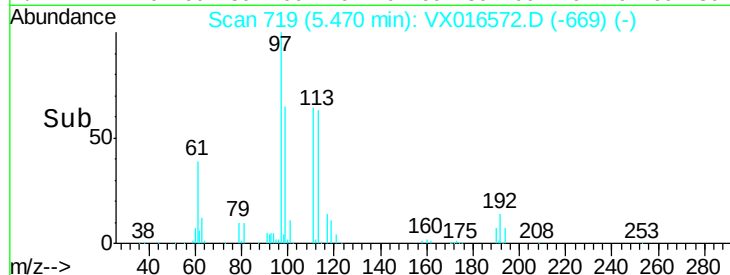
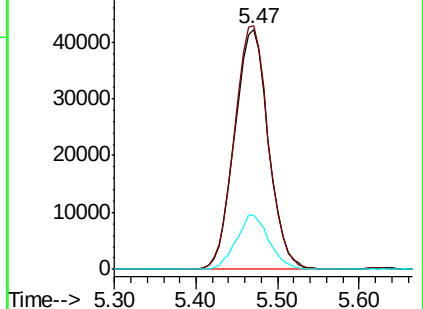
192 21.9 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.638 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

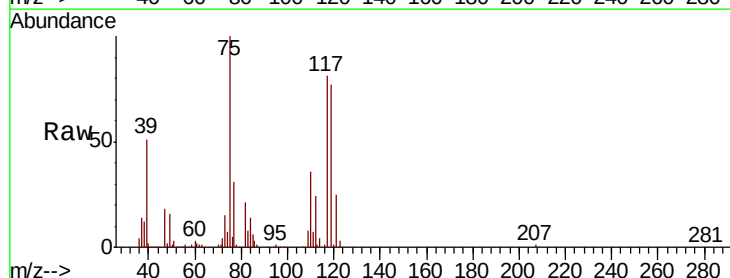
Tgt Ion: 75 Resp: 172210

Ion Ratio Lower Upper

75 100

110 36.6 17.4 52.3

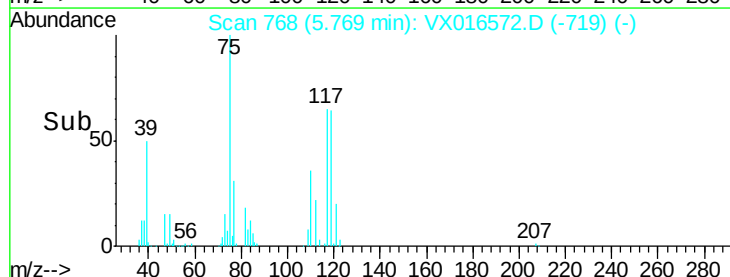
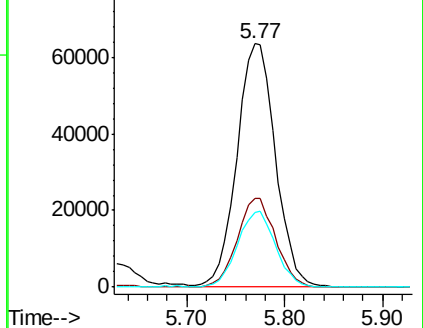
77 31.1 24.2 36.4

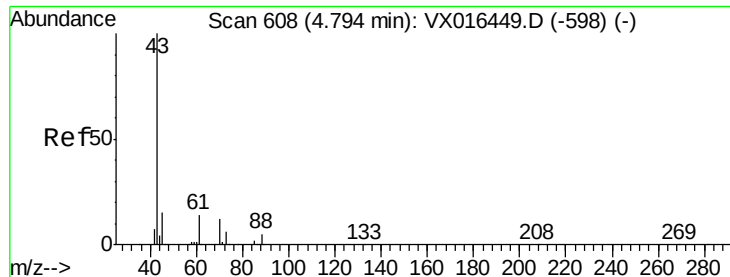


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

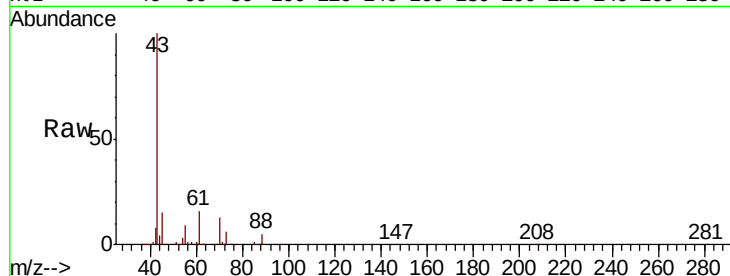




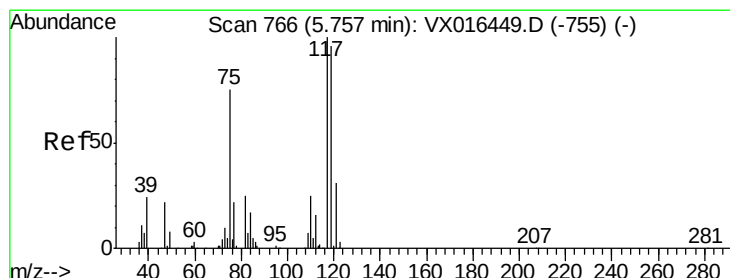
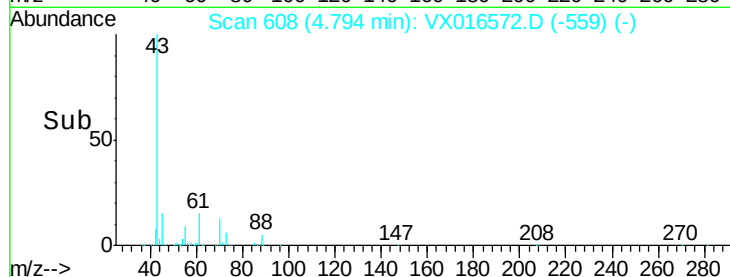
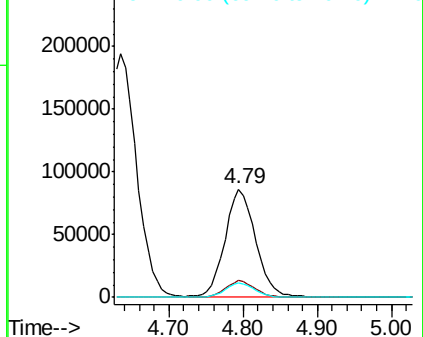
#37
Ethyl Acetate
Concen: 55.741 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion	43	Resp	247105
Ion Ratio	Lower	Upper	
43	100		
61	15.2	11.3	16.9
70	13.0	9.3	13.9

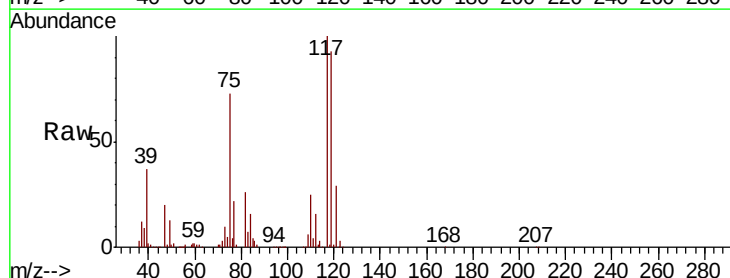


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

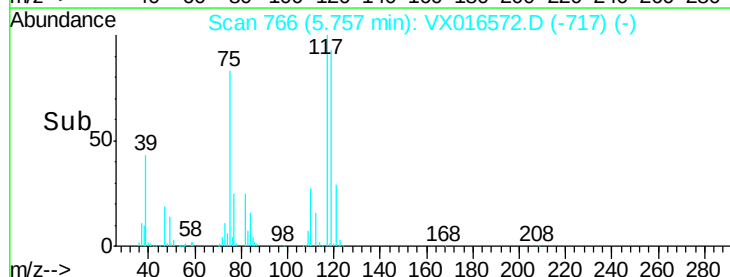
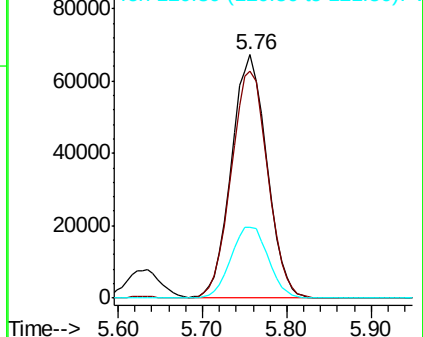


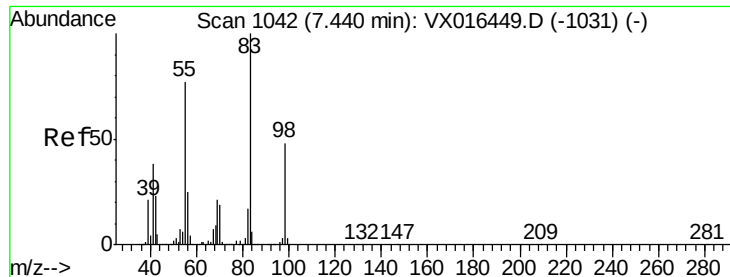
#38
Carbon Tetrachloride
Concen: 49.576 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	117	Resp	192376
Ion Ratio	Lower	Upper	
117	100		
119	93.0	76.3	114.5
121	29.1	24.6	37.0



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

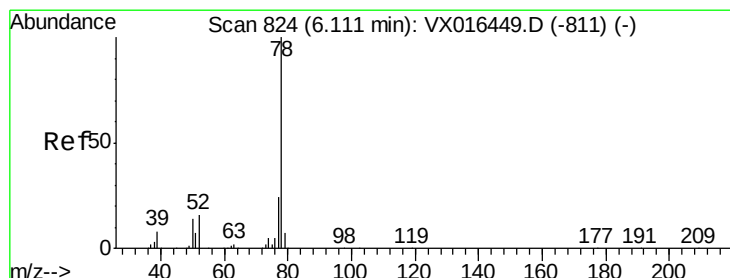
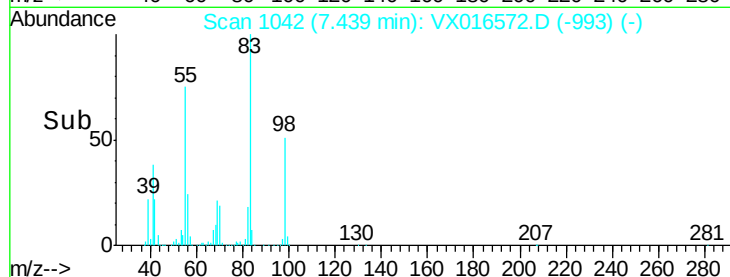
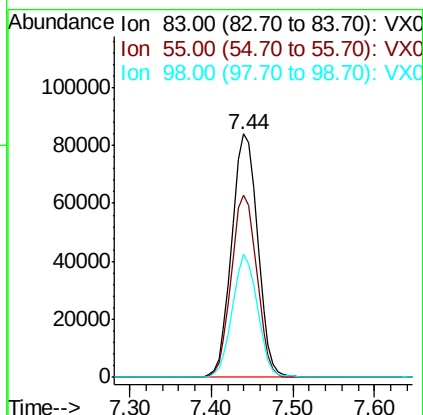
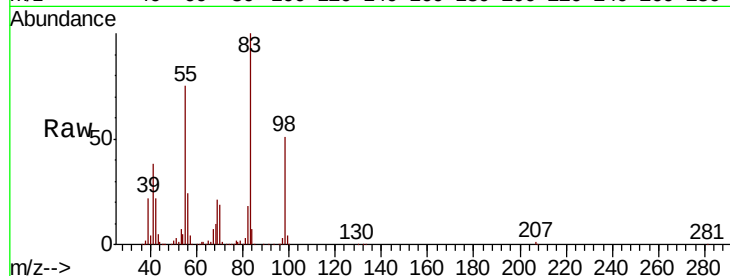




#39
Methylvlcyclohexane
Concen: 45.868 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

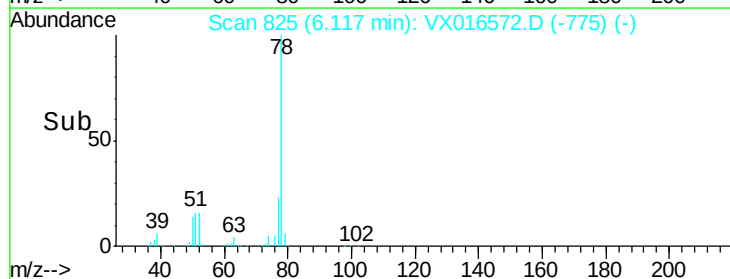
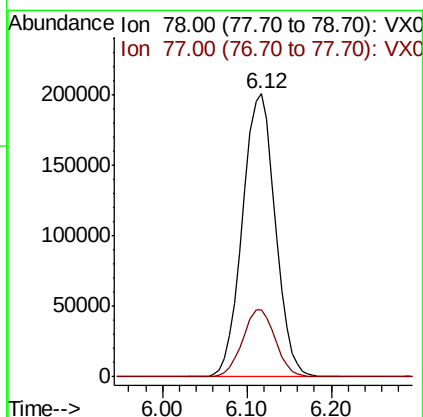
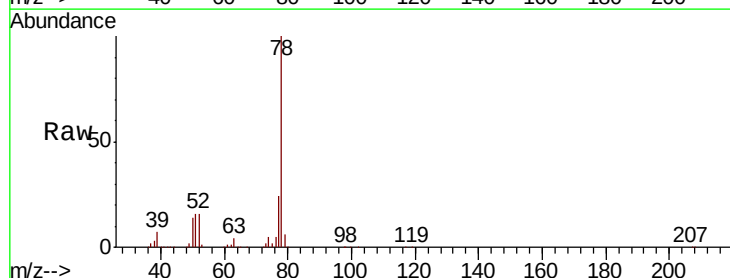
Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

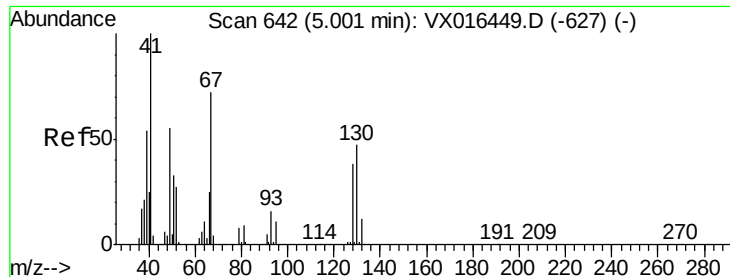
Tot Ion: 83 Resp: 183961
Ion Ratio Lower Upper
83 100
55 74.8 61.7 92.5
98 50.7 38.7 58.1



#40
Benzene
Concen: 48.167 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 78 Resp: 529639
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

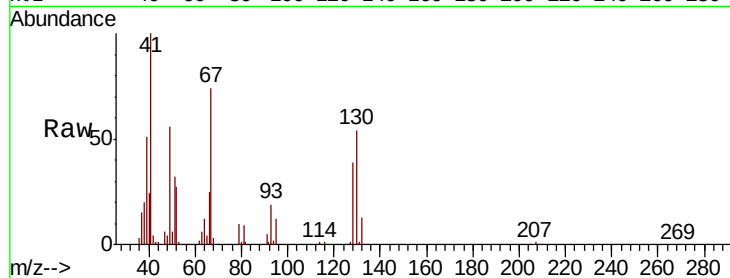




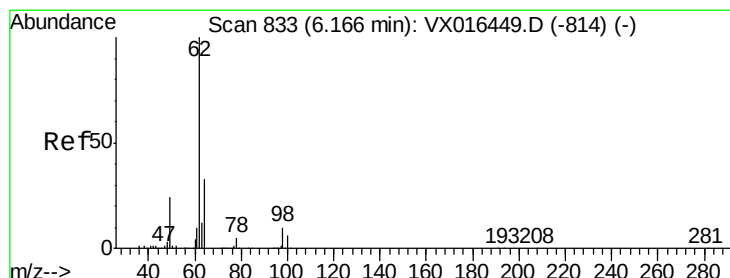
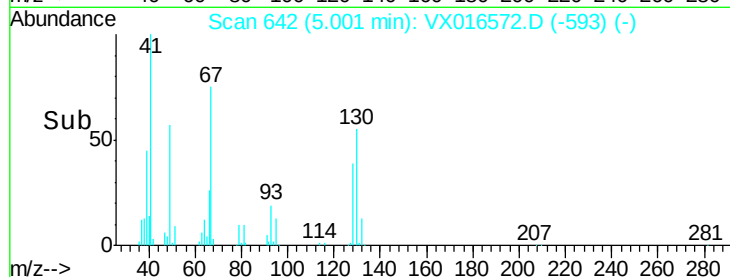
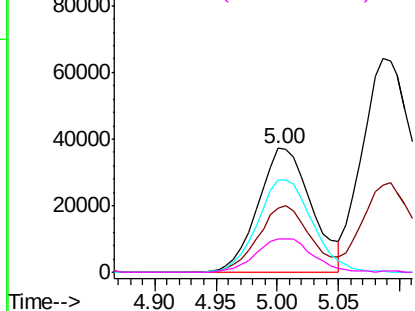
#41
Methacrylonitrile
Concen: 46.403 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion:	41	Resp:	112992
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.0	64.4
67	76.6	58.9	88.3
52	28.2	23.1	34.7

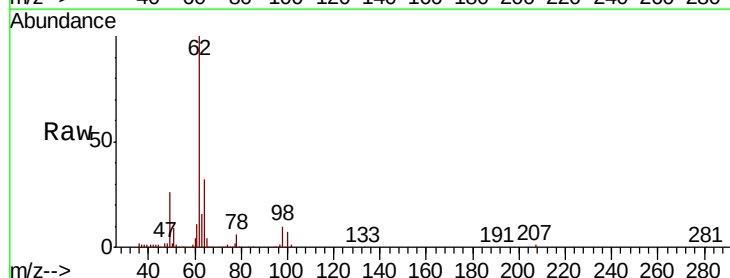


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

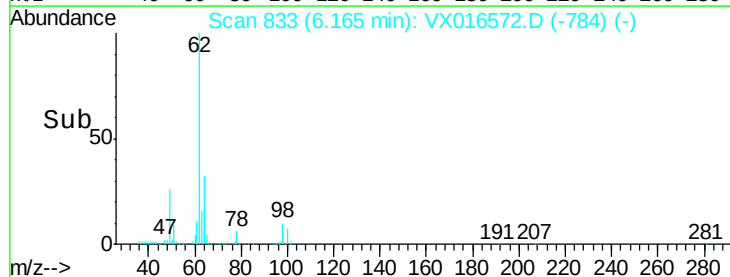
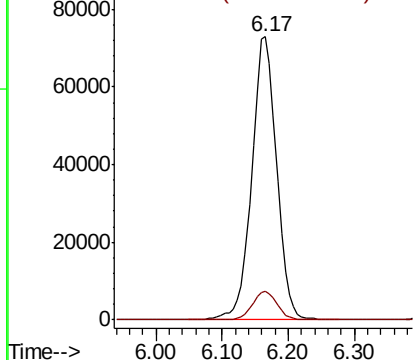


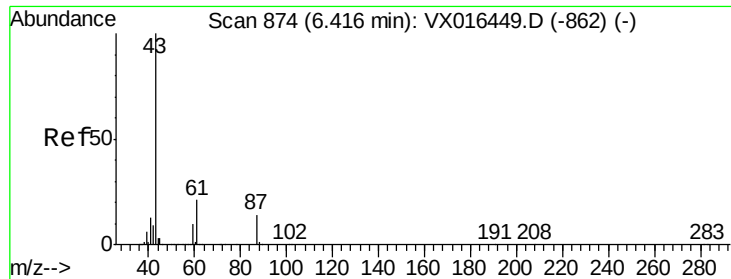
#42
1,2-Dichloroethane
Concen: 48.847 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion:	62	Resp:	191015
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8



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





#43

Isopropyl Acetate

Concen: 45.729 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

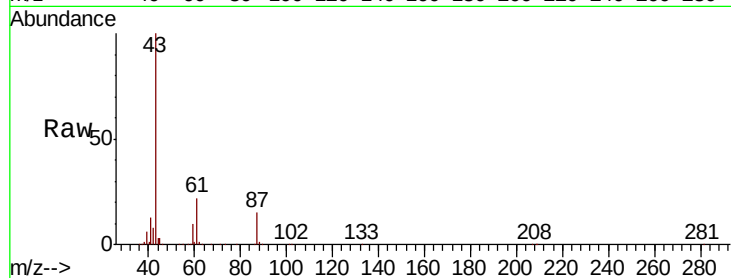
Tot Ion: 43 Resp: 316205

Ion Ratio Lower Upper

43 100

61 22.0 16.8 25.2

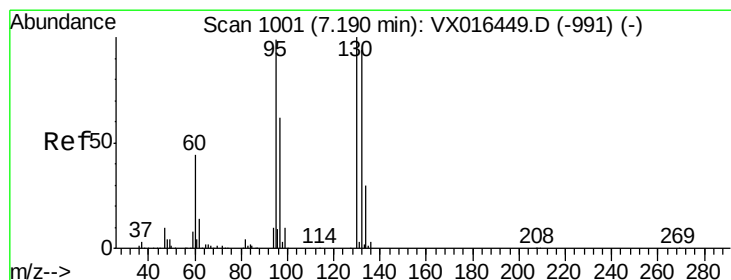
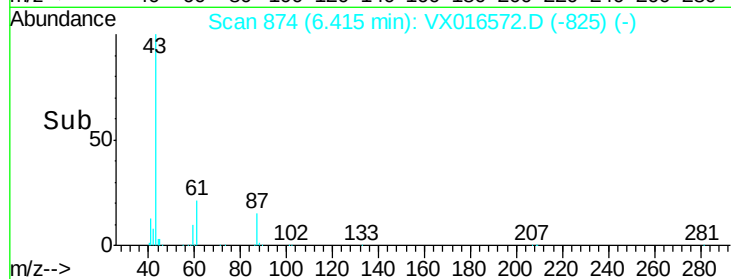
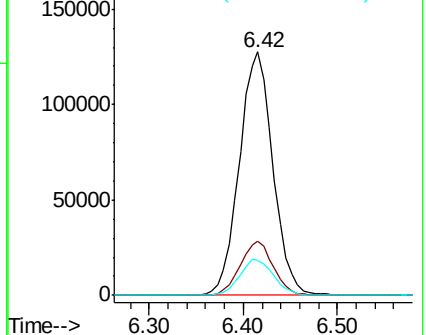
87 15.1 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.795 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016572.D

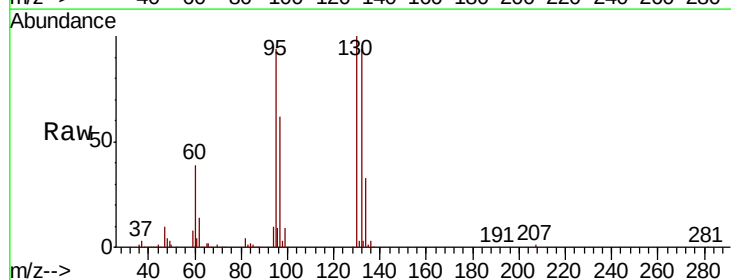
Acq: 03 Jun 2020 17:28

Tgt Ion:130 Resp: 159770

Ion Ratio Lower Upper

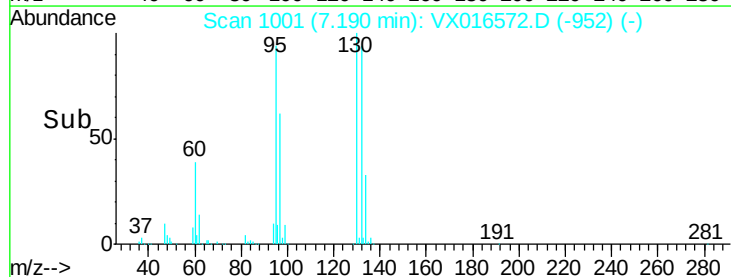
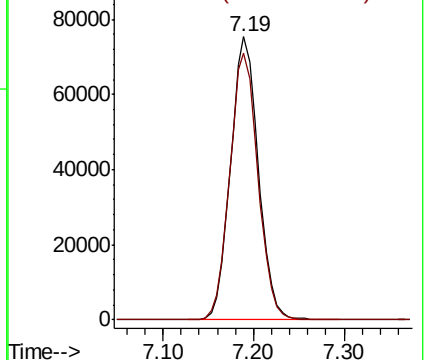
130 100

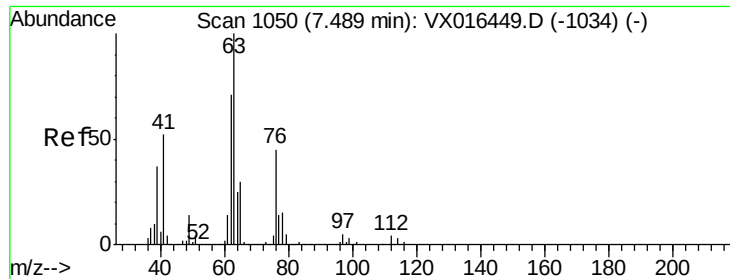
95 94.4 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

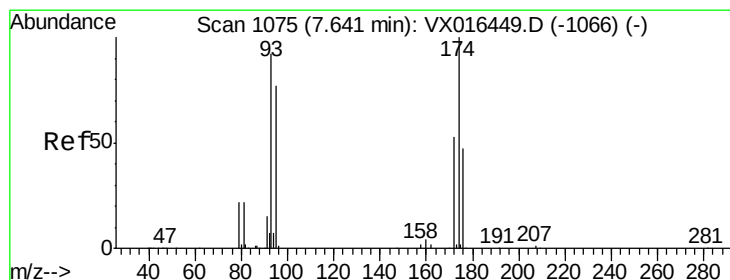
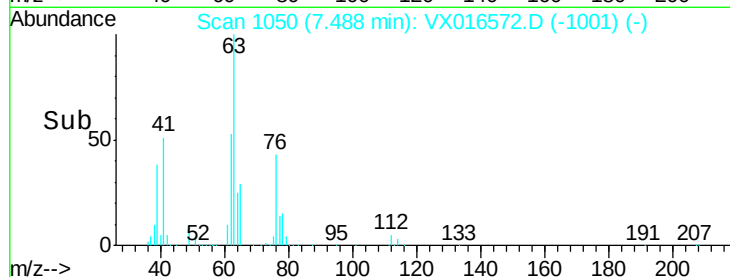
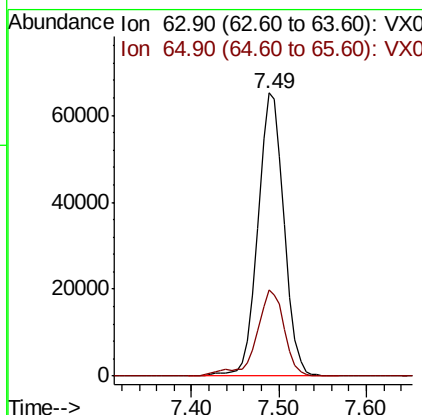
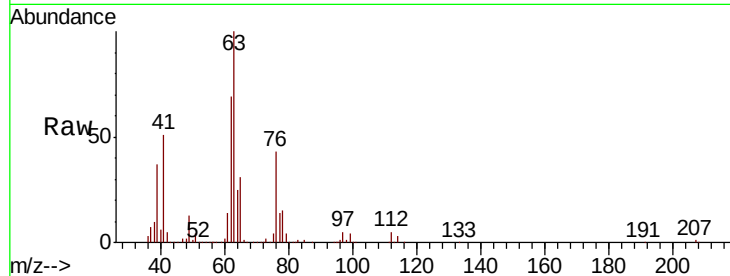




#45
 1,2-Dichloropropane
 Concen: 48.304 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

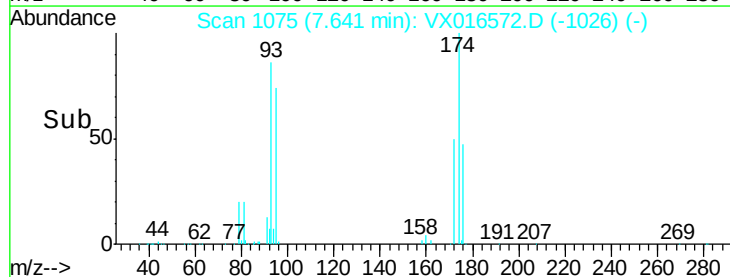
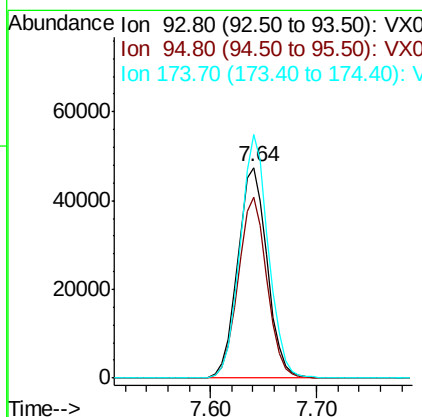
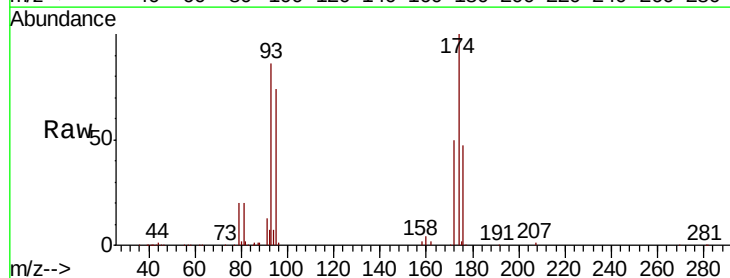
Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

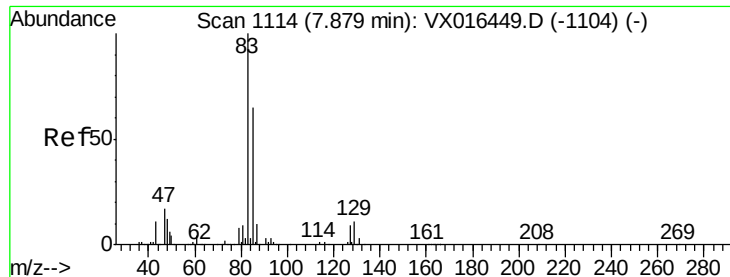
Tot Ion: 63 Resp: 135220
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.2 36.2



#46
 Dibromomethane
 Concen: 49.155 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion: 93 Resp: 92422
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.6 100.0
 174 111.1 86.2 129.4





#47

Bromodichloromethane

Concen: 50.001 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

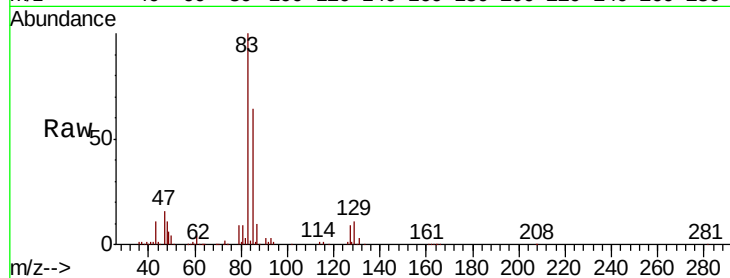
Tot Ion: 83 Resp: 194661

Ion Ratio Lower Upper

83 100

85 64.5 52.0 78.0

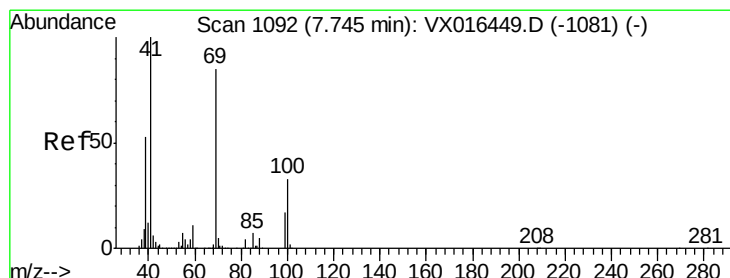
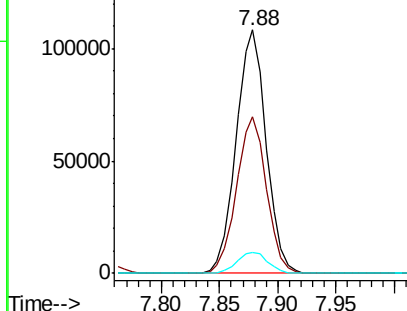
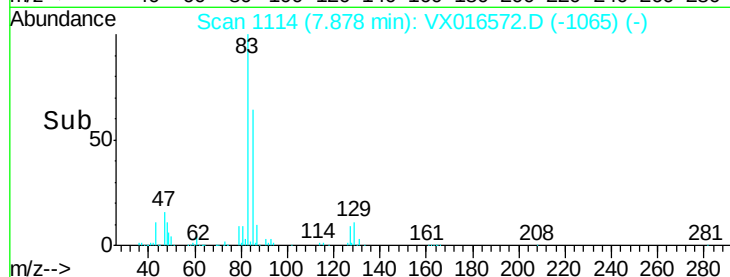
127 8.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.993 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

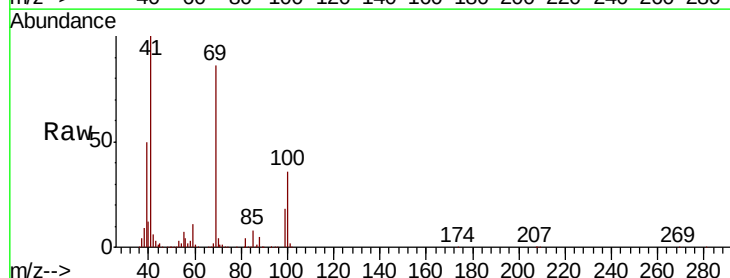
Tgt Ion: 41 Resp: 155586

Ion Ratio Lower Upper

41 100

69 89.5 68.6 102.8

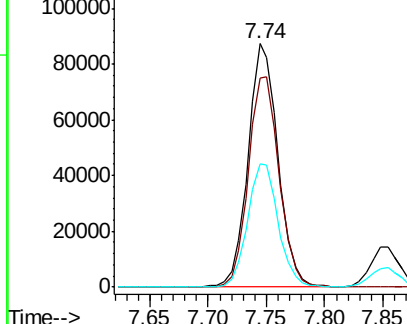
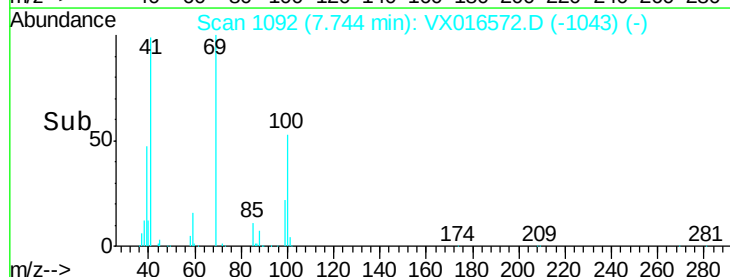
39 52.1 42.4 63.6

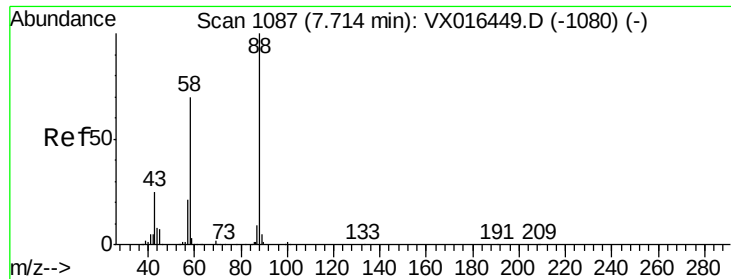


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 897.088 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

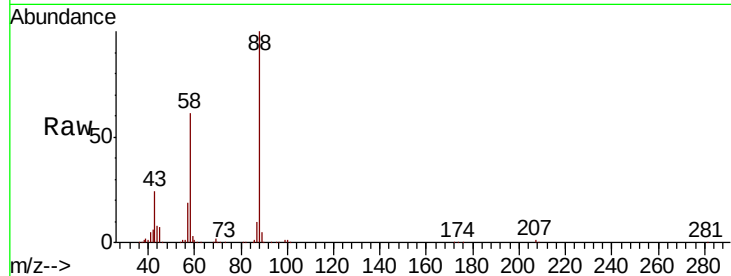
Tot Ion: 88 Resp: 69508

Ion Ratio Lower Upper

88 100

43 29.8 24.2 36.4

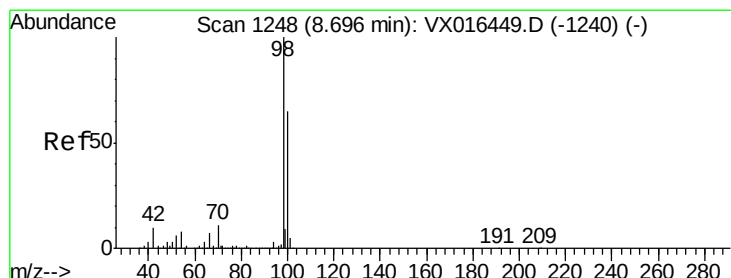
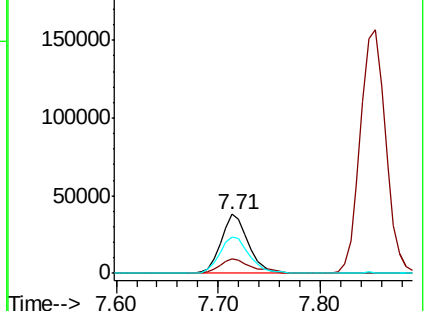
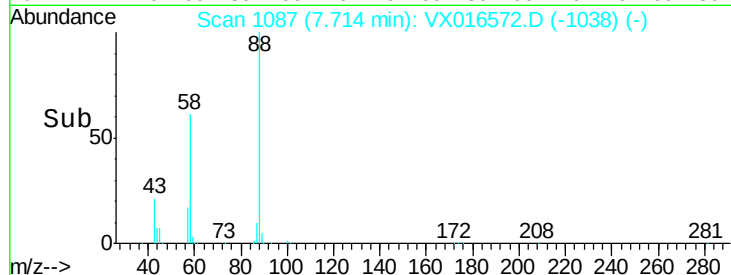
58 68.1 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.576 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016572.D

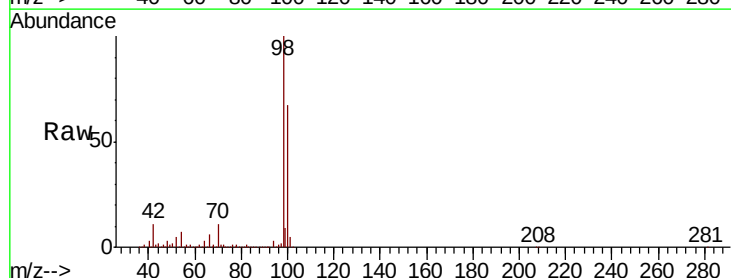
Acq: 03 Jun 2020 17:28

Tgt Ion: 98 Resp: 463364

Ion Ratio Lower Upper

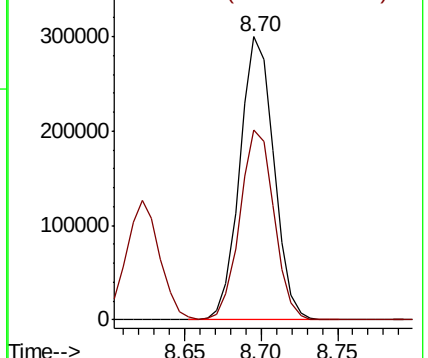
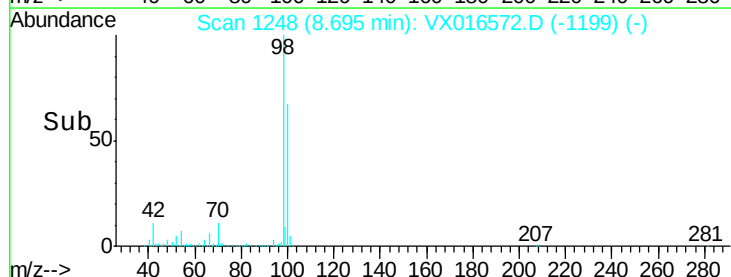
98 100

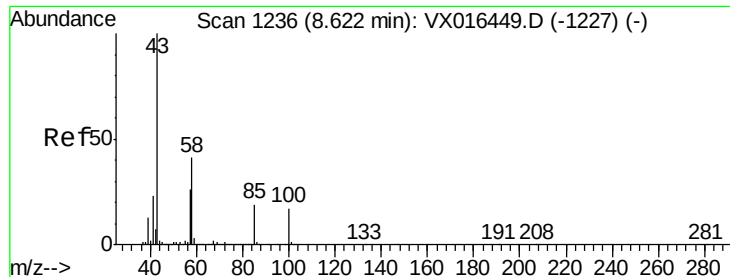
100 67.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 240.525 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

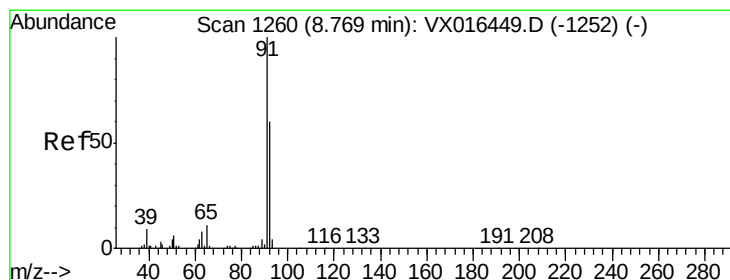
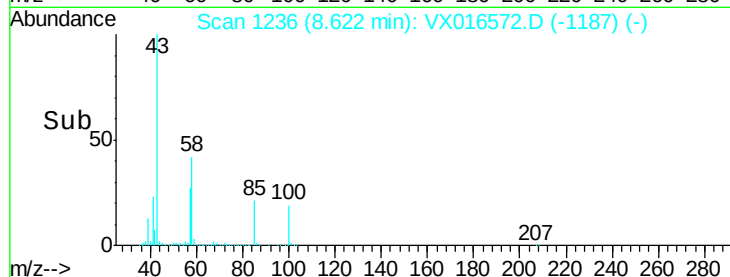
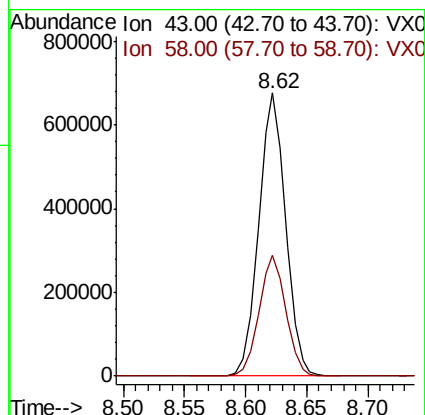
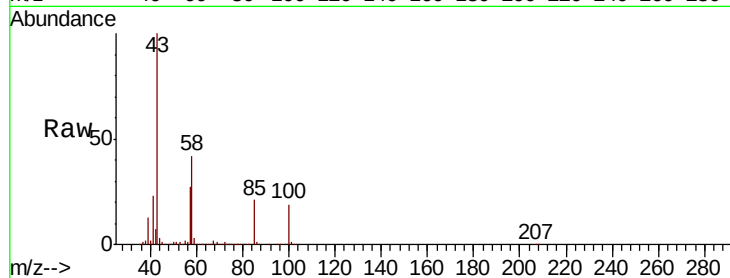
SP20-MMW3414MSD

Tot Ion: 43 Resp: 1035607

Ion Ratio Lower Upper

43 100

58 42.5 33.0 49.6



#52

Toluene

Concen: 49.861 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016572.D

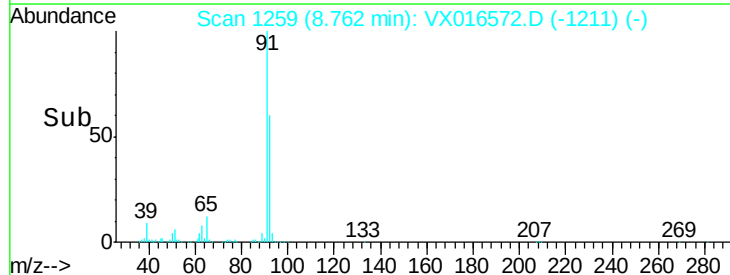
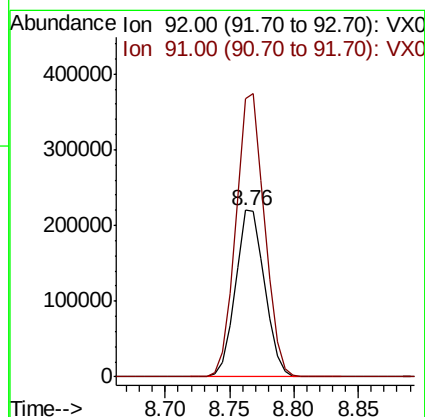
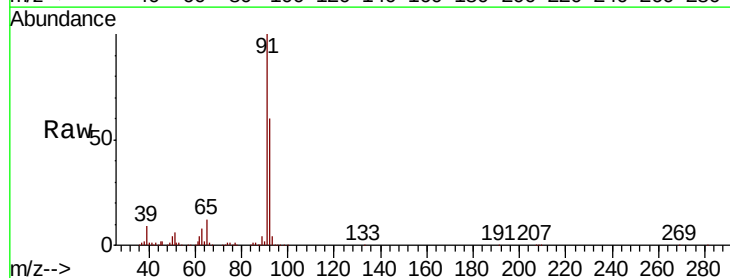
Acq: 03 Jun 2020 17:28

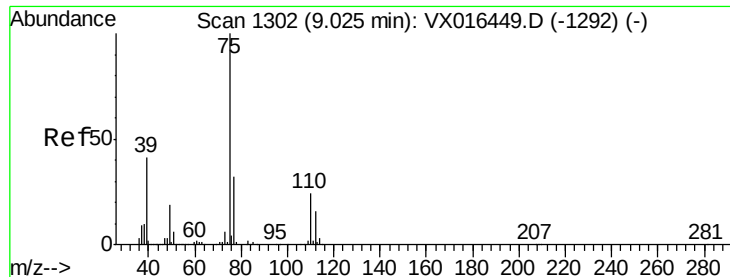
Tgt Ion: 92 Resp: 345737

Ion Ratio Lower Upper

92 100

91 167.2 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 51.179 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

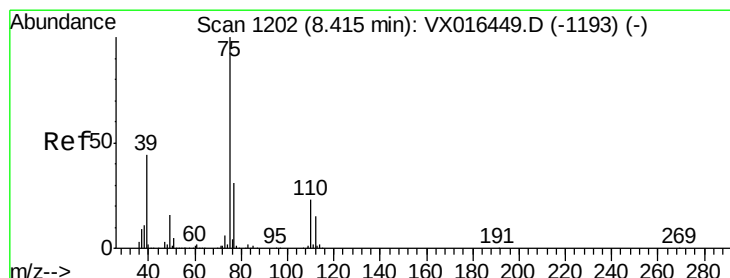
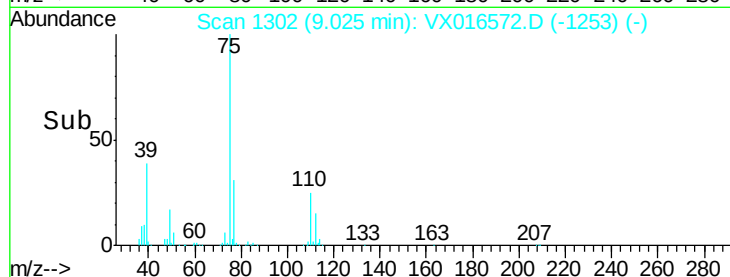
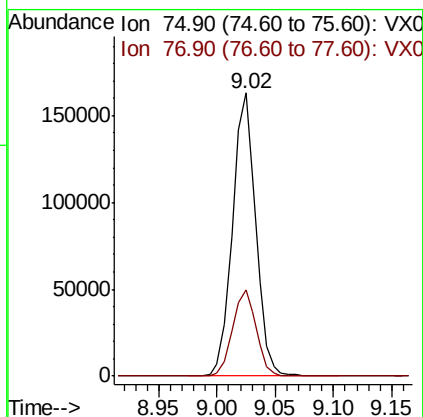
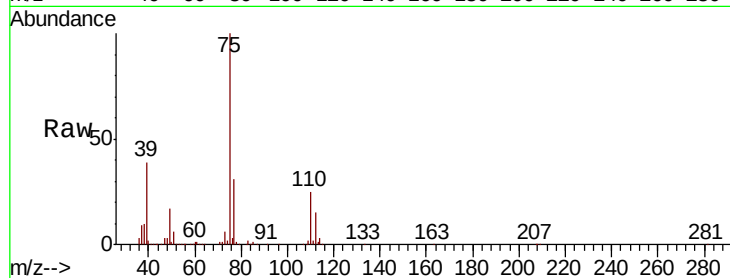
SP20-MMW3414MSD

Tot Ion: 75 Resp: 226566

Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 49.480 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

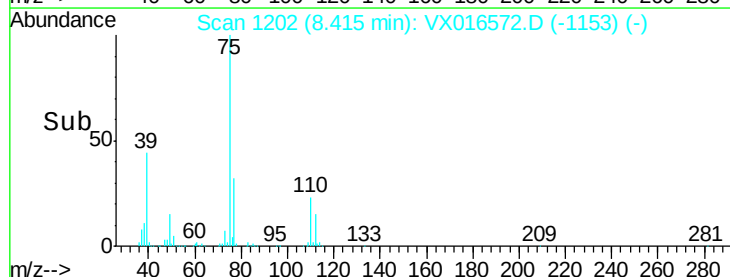
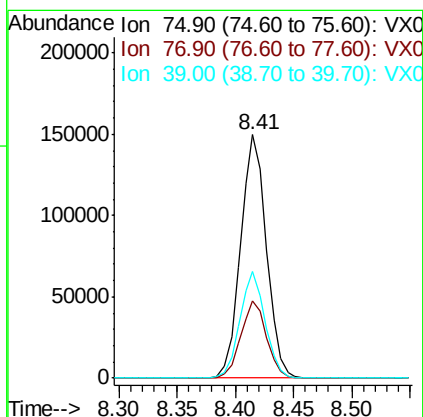
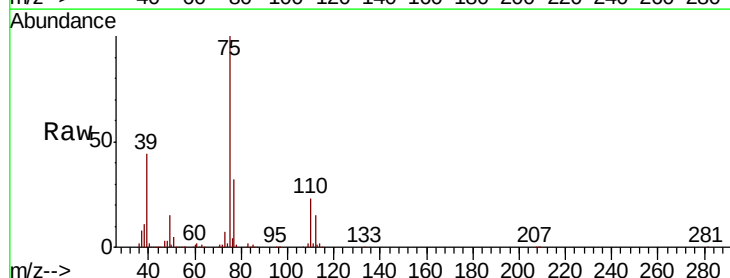
Tgt Ion: 75 Resp: 231849

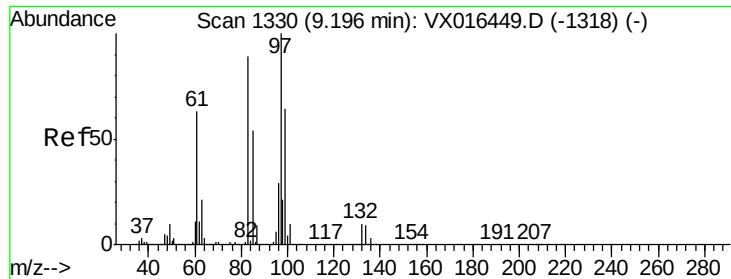
Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 43.6 35.3 52.9

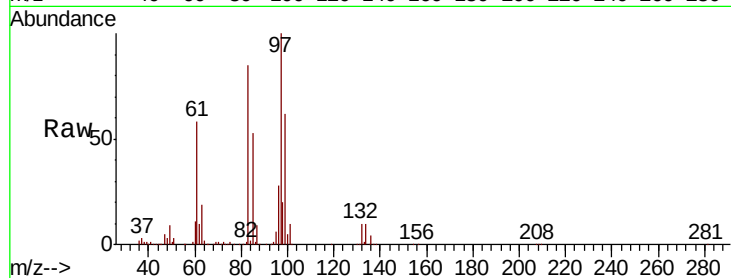




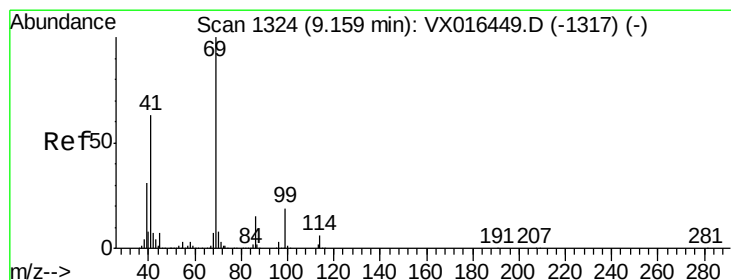
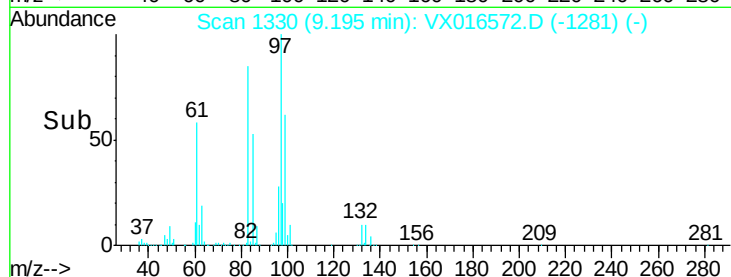
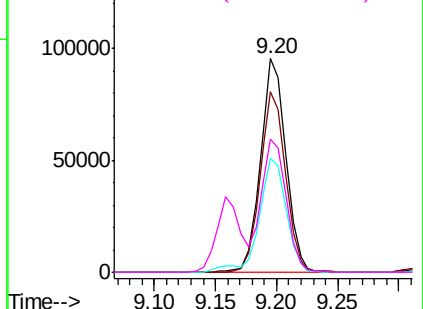
#55
 1,1,2-Trichloroethane
 Concen: 50.263 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Tot Ion:	97	Resp:	138572
Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.9	106.3
85	53.1	43.4	65.2
99	62.3	51.0	76.6

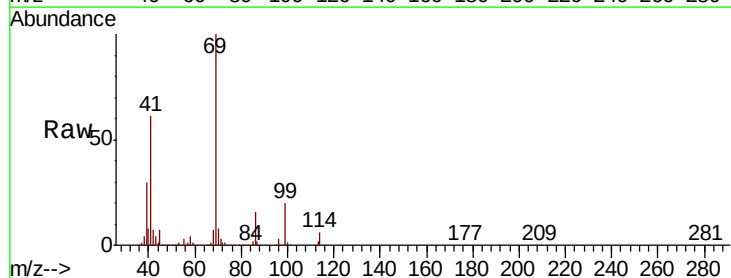


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

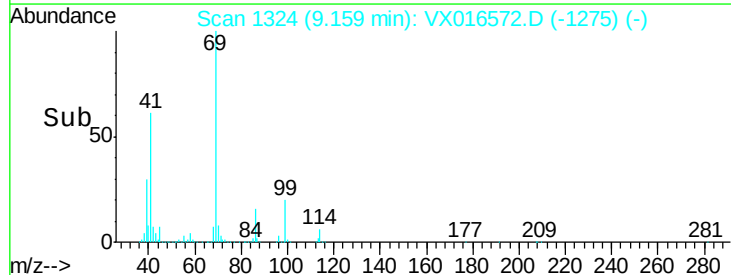
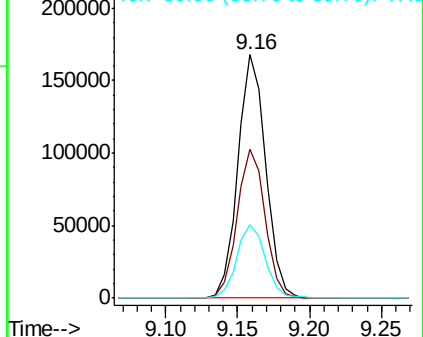


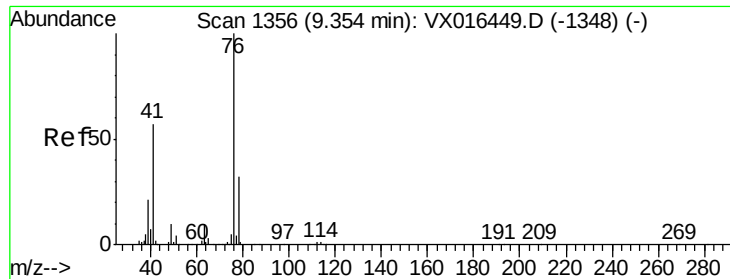
#56
 Ethyl methacrylate
 Concen: 50.348 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion:	69	Resp:	226063
Ion	Ratio	Lower	Upper
69	100		
41	61.3	50.7	76.1
39	30.9	25.8	38.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

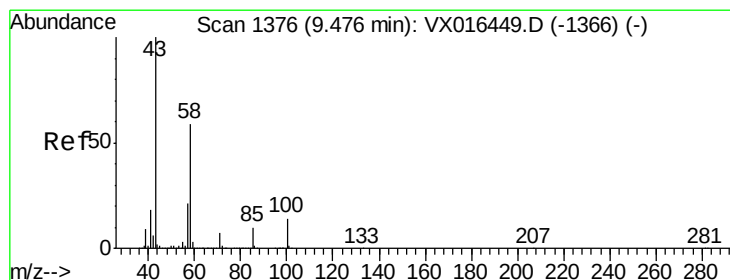
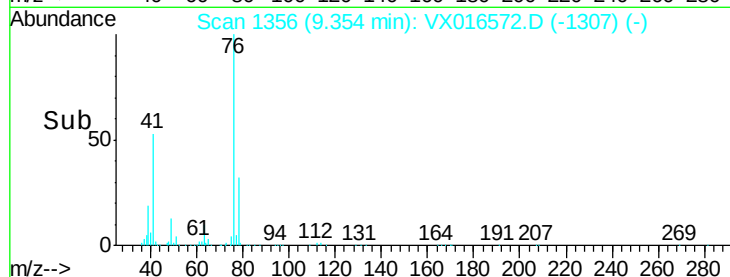
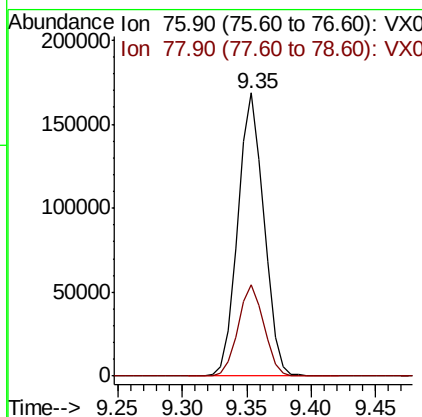
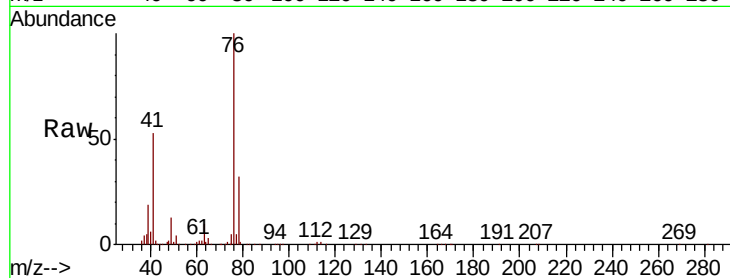




#57
 1,3-Dichloropropane
 Concen: 49.975 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

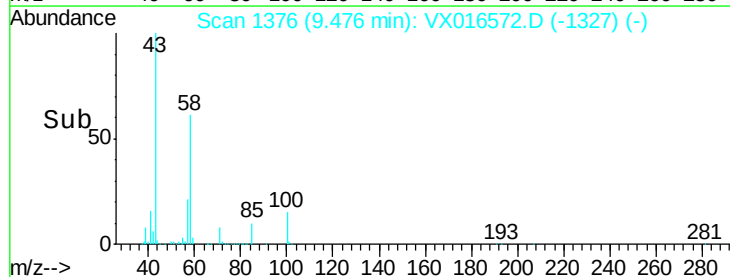
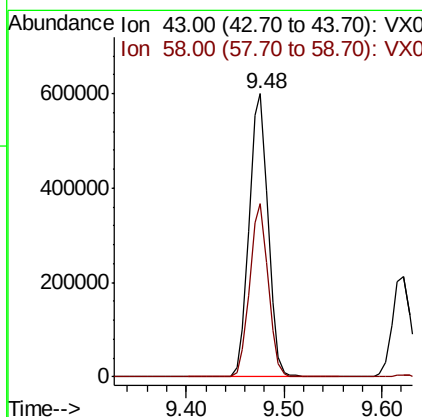
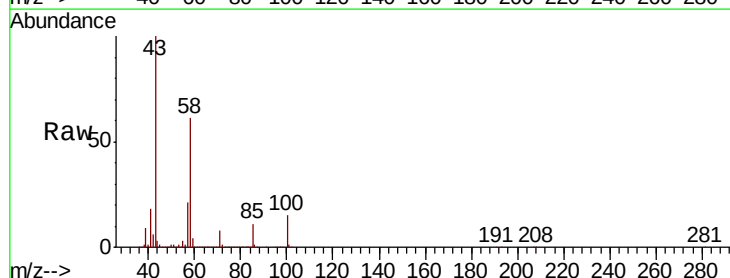
Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

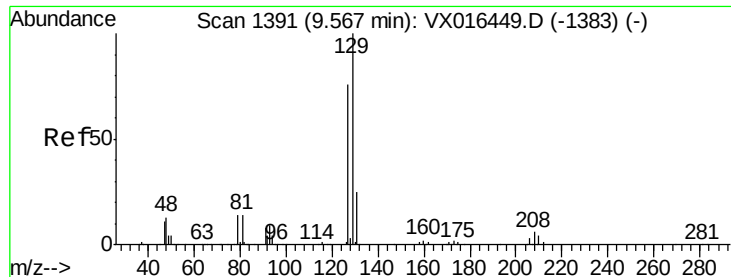
Tot Ion: 76 Resp: 236489
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.4



#59
 2-Hexanone
 Concen: 240.774 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion: 43 Resp: 806181
 Ion Ratio Lower Upper
 43 100
 58 59.7 28.8 86.4





#60

Dibromochloromethane

Concen: 52.593 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

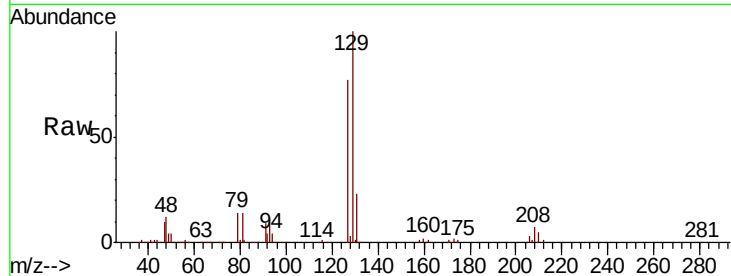
SP20-MMW3414MSD

Tot Ion:129 Resp: 163172

Ion Ratio Lower Upper

129 100

127 76.6 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

120000

100000

80000

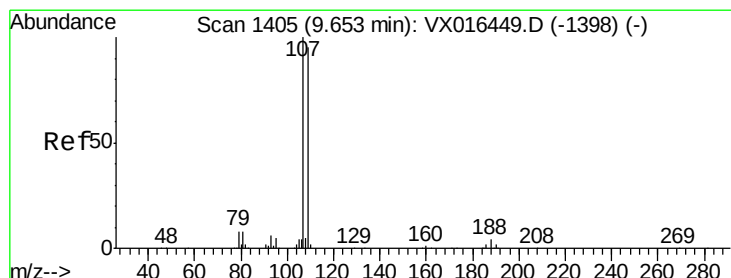
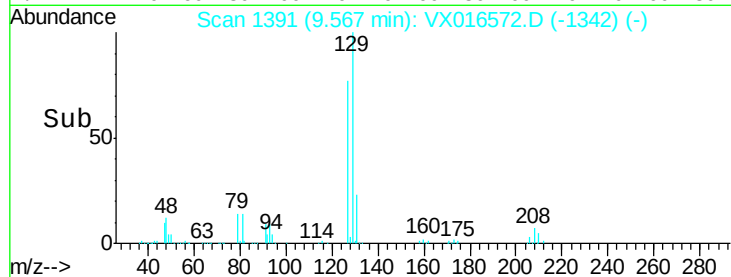
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.942 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016572.D

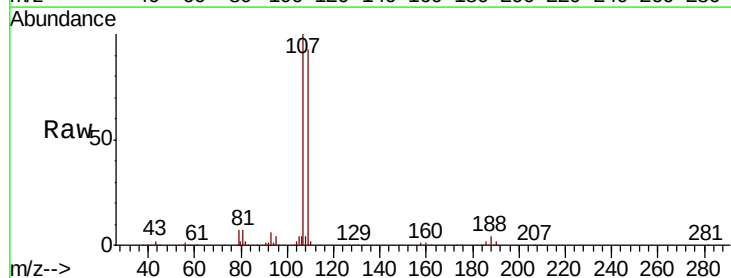
Acq: 03 Jun 2020 17:28

Tgt Ion:107 Resp: 150397

Ion Ratio Lower Upper

107 100

109 93.6 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

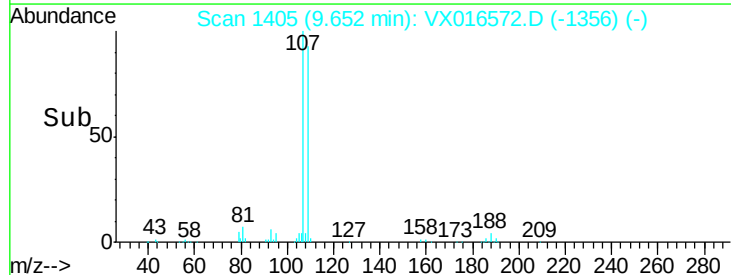
60000

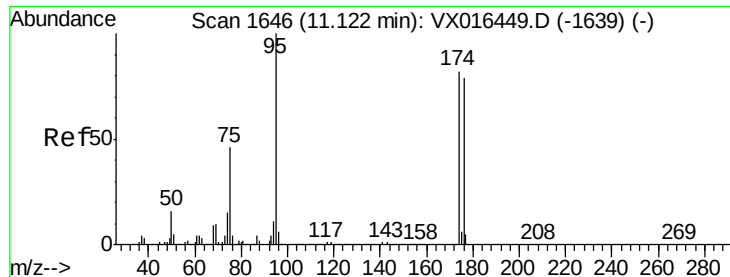
40000

20000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.752 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

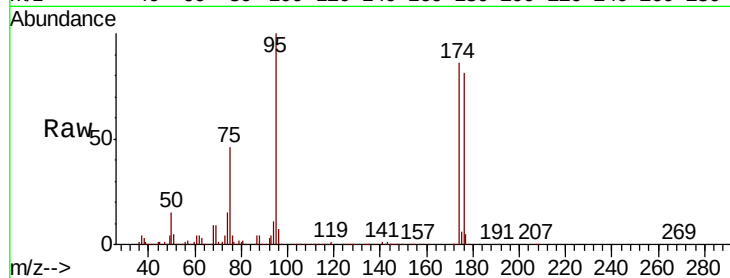
Tot Ion: 95 Resp: 179680

Ion Ratio Lower Upper

95 100

174 83.6 0.0 163.0

176 80.4 0.0 156.8



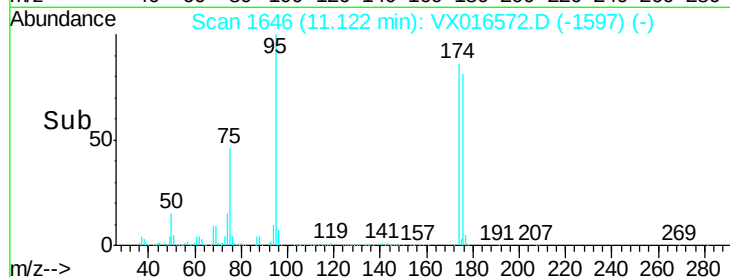
Abundance Ion 94.90 (94.60 to 95.60): VX016572.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016572.D (-1597) (-)

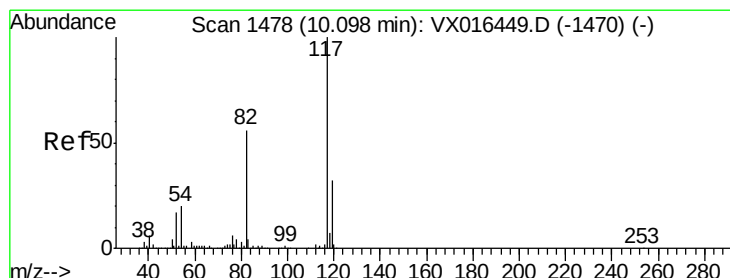
Ion 175.80 (175.50 to 176.50): VX016572.D (-1597) (-)

11.12

11.10 11.20



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

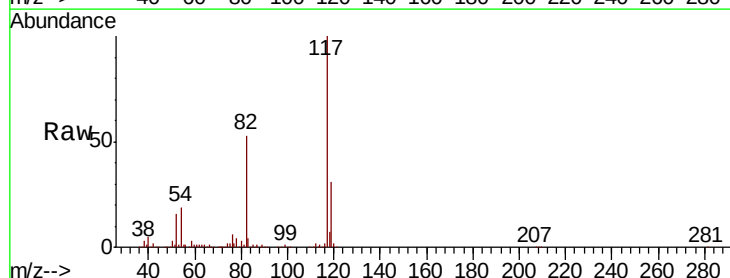
Tgt Ion: 117 Resp: 367242

Ion Ratio Lower Upper

117 100

82 53.1 45.0 67.6

119 31.2 25.8 38.8



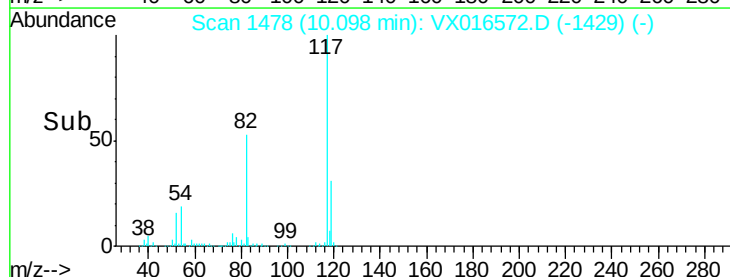
Abundance Ion 116.90 (116.60 to 117.60): VX016572.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016572.D (-1429) (-)

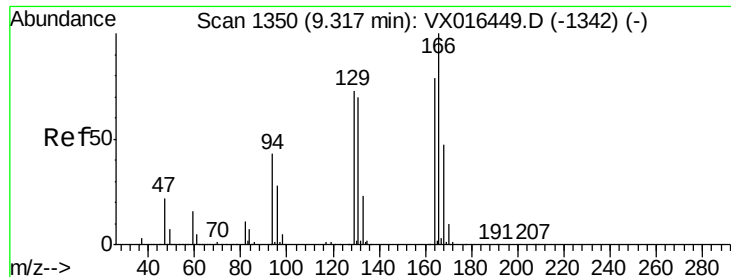
Ion 118.90 (118.60 to 119.60): VX016572.D (-1429) (-)

10.10

10.00 10.10 10.20



Time-->



#64

Tetrachloroethene

Concen: 40.767 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion:164 Resp: 167496

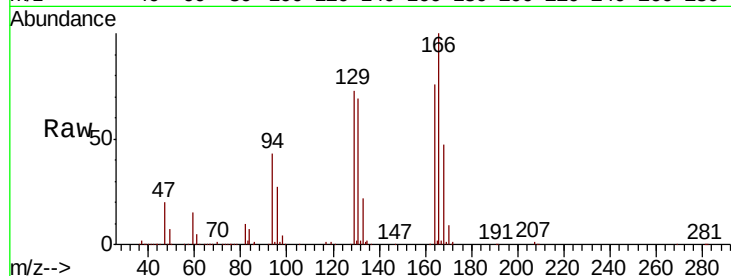
Ion Ratio Lower Upper

164 100

166 130.8 100.9 151.3

129 94.8 73.2 109.8

131 90.3 70.8 106.2

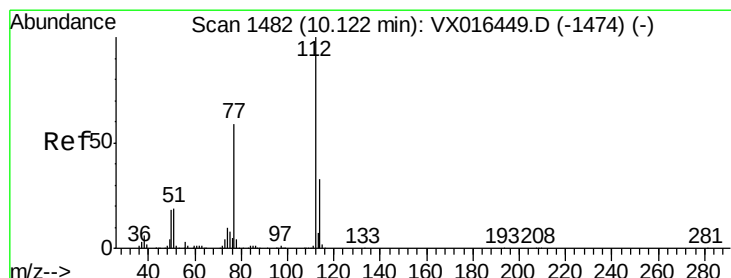
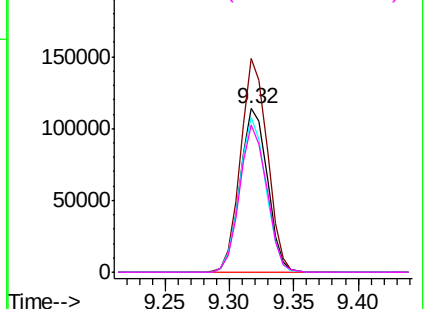
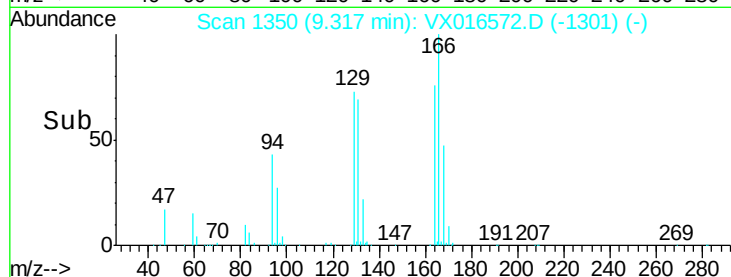


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.671 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016572.D

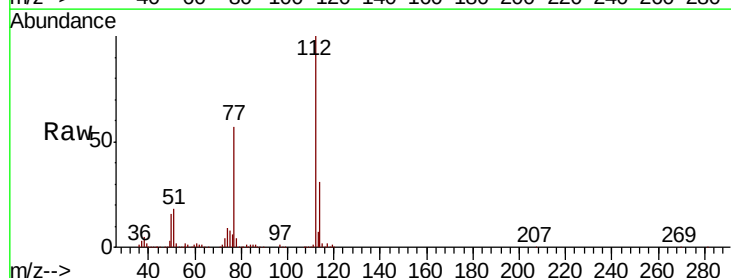
Acq: 03 Jun 2020 17:28

Tgt Ion:112 Resp: 371891

Ion Ratio Lower Upper

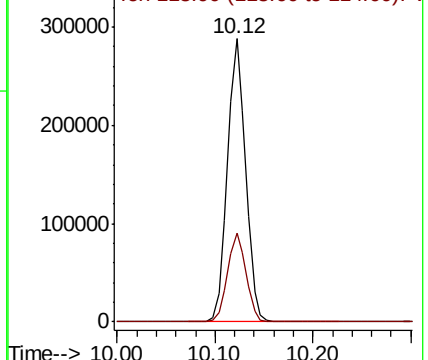
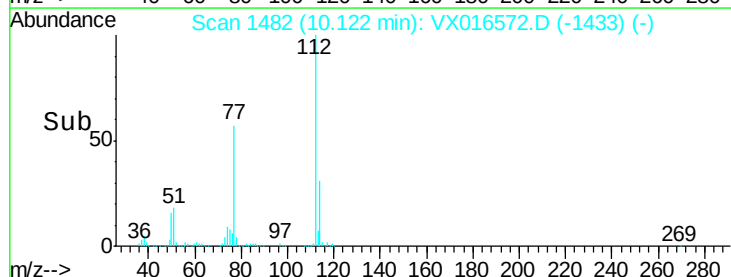
112 100

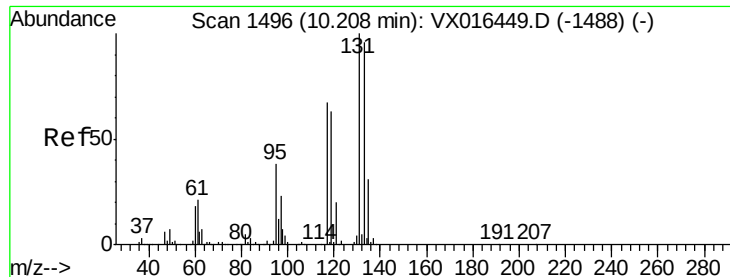
114 31.3 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 50.861 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

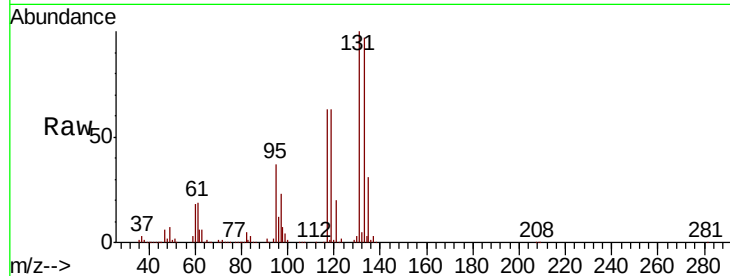
Tot Ion:131 Resp: 145362

Ion Ratio Lower Upper

131 100

133 95.8 48.4 145.3

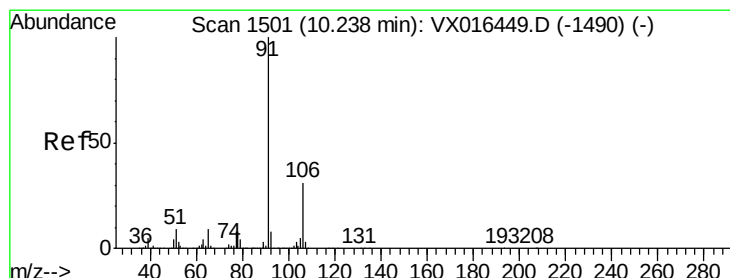
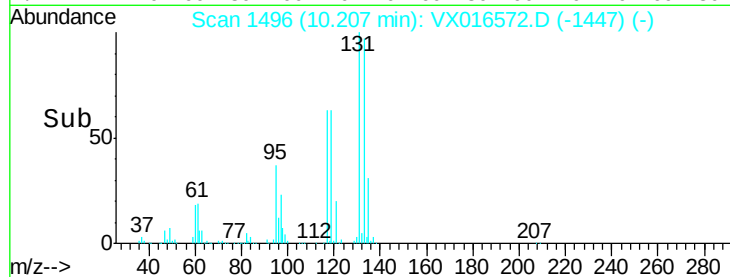
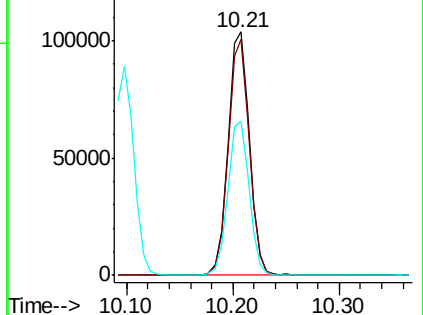
119 63.1 32.0 96.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.291 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016572.D

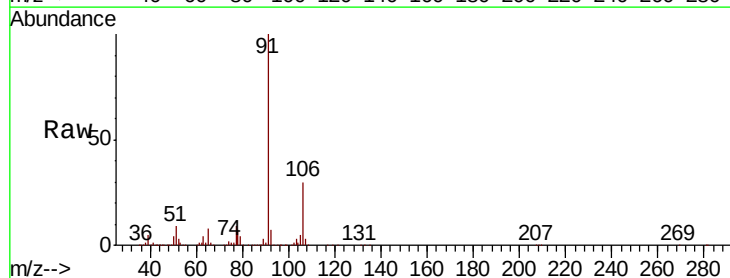
Acq: 03 Jun 2020 17:28

Tgt Ion: 91 Resp: 657051

Ion Ratio Lower Upper

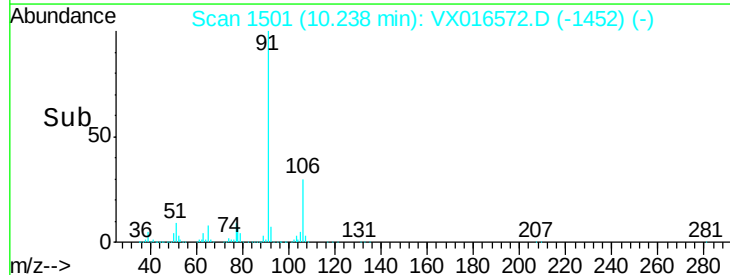
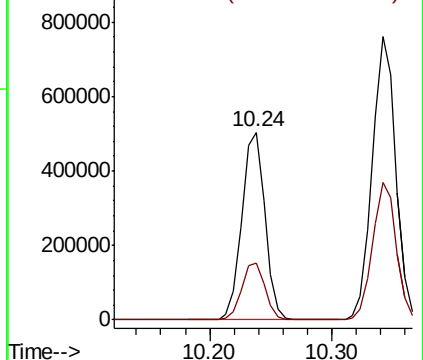
91 100

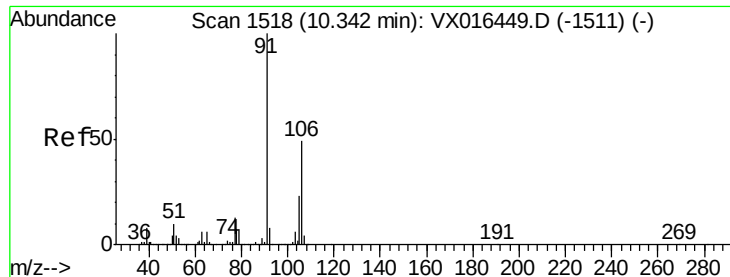
106 30.5 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

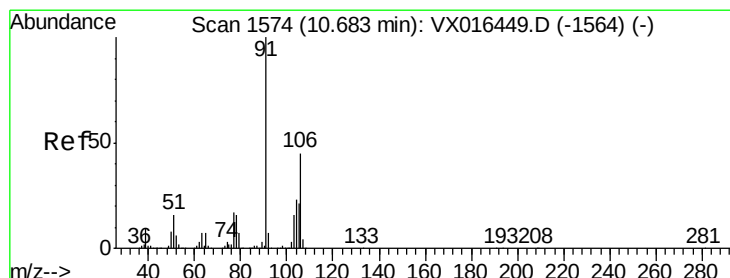
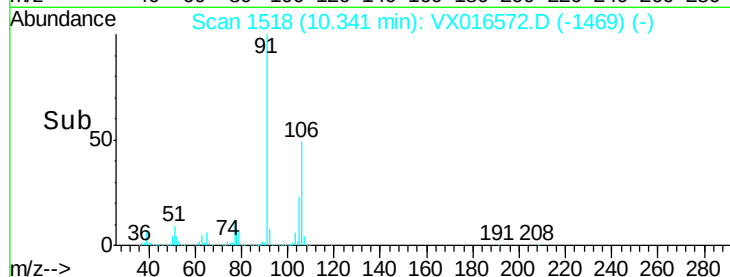
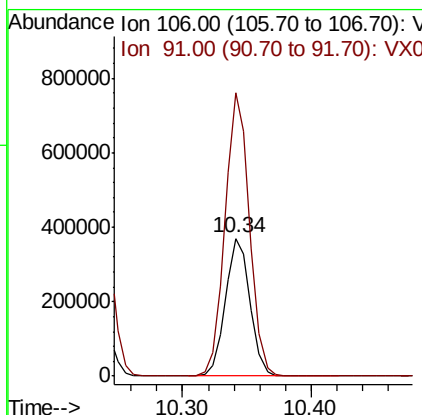
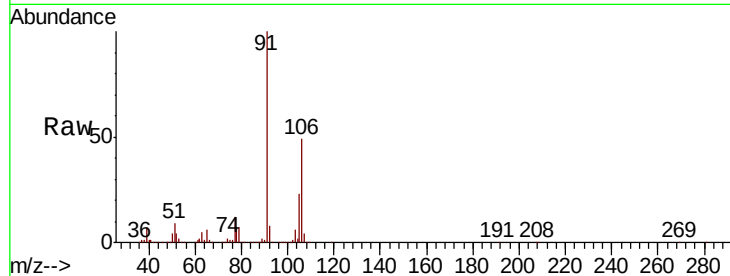




#68
m/p-Xylenes
Concen: 100.569 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

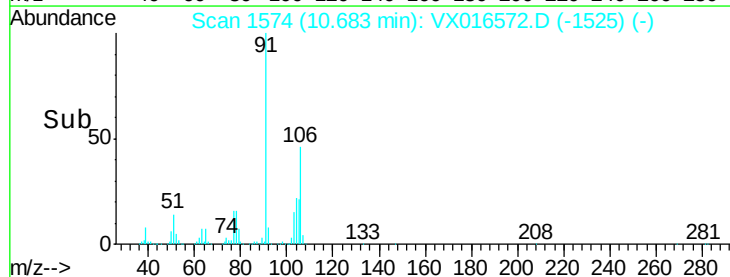
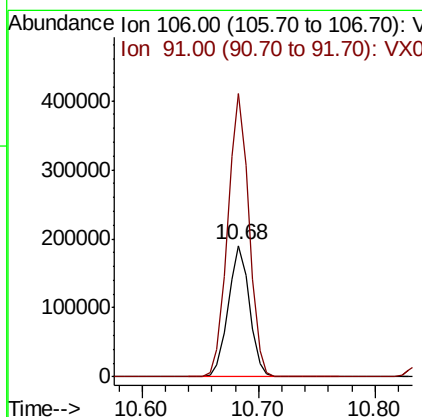
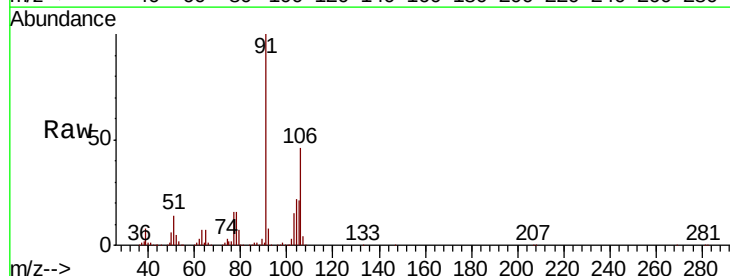
Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

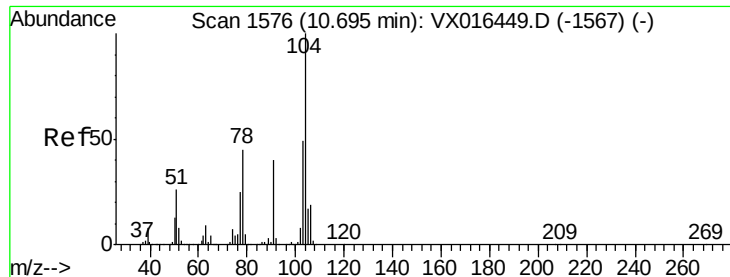
Tot Ion:106 Resp: 497054
Ion Ratio Lower Upper
106 100
91 204.1 163.8 245.8



#69
o-Xylene
Concen: 50.163 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion:106 Resp: 240108
Ion Ratio Lower Upper
106 100
91 216.2 109.6 328.8

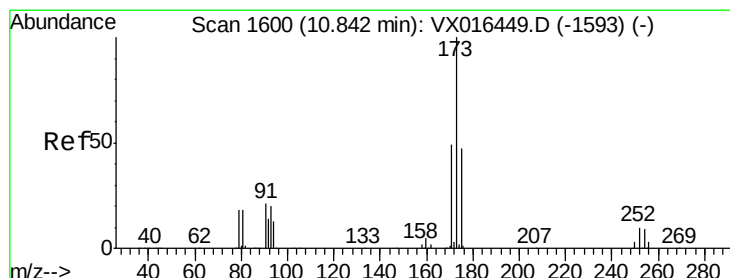
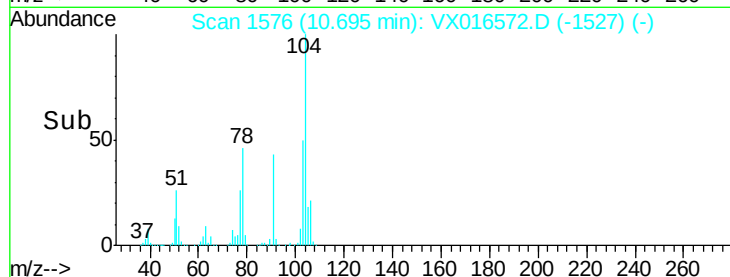
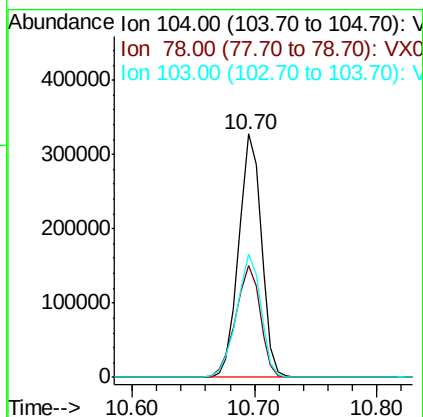
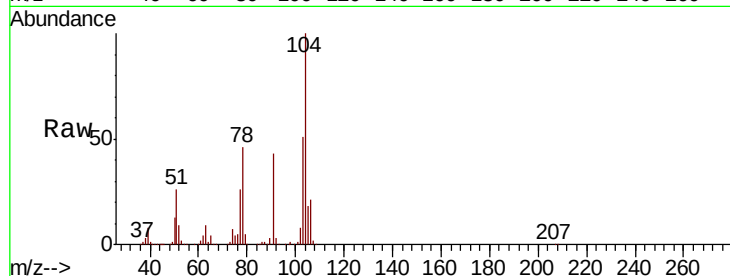




#70
Stvrene
Concen: 50.976 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

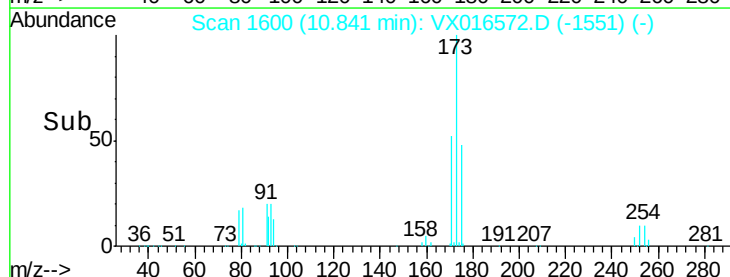
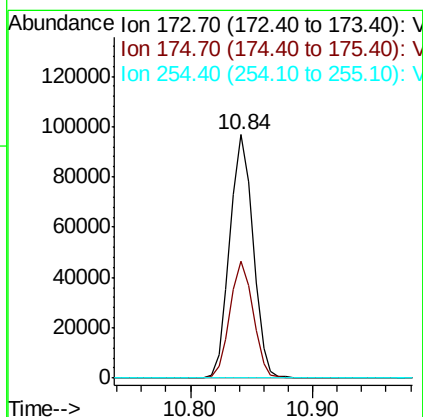
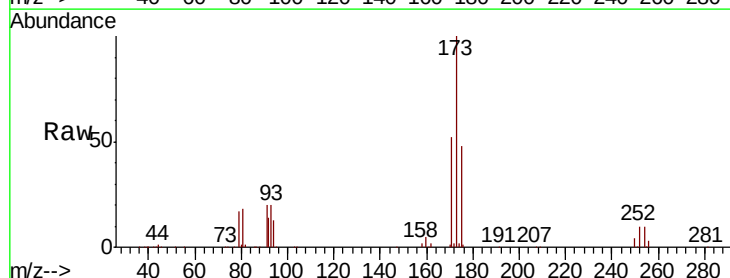
Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

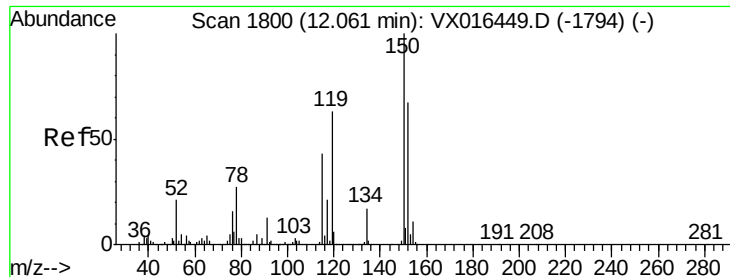
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.2	40.2	60.2
103	54.1	43.1	64.7



#71
Bromoform
Concen: 52.665 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.9	71.7
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

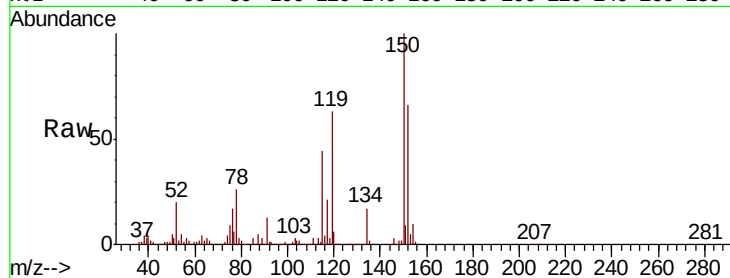
Tot Ion:152 Resp: 188716

Ion Ratio Lower Upper

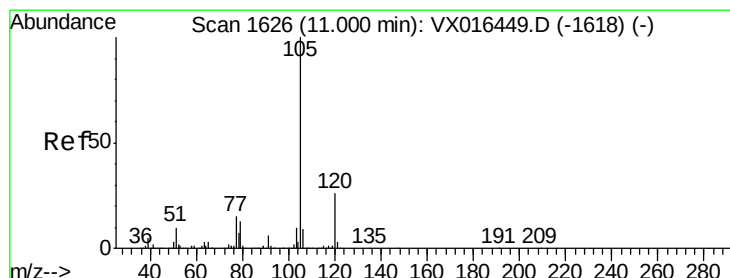
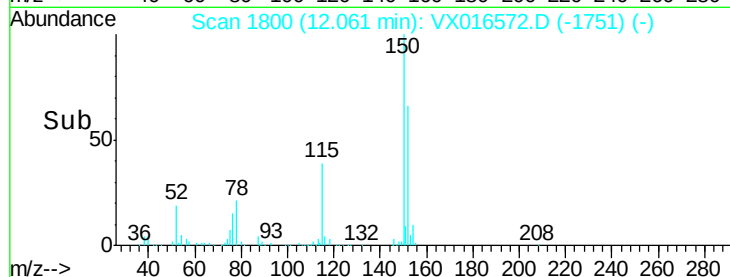
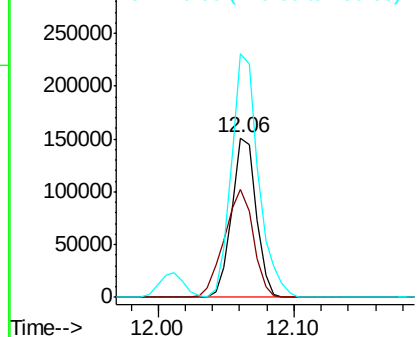
152 100

115 80.5 39.9 119.6

150 168.6 0.0 341.0



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



#73

Isopropylbenzene

Concen: 48.729 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016572.D

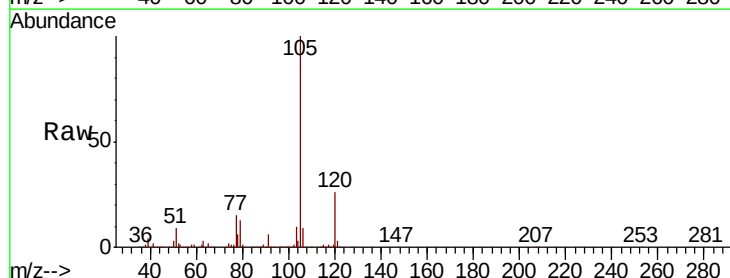
Acq: 03 Jun 2020 17:28

Tgt Ion:105 Resp: 637172

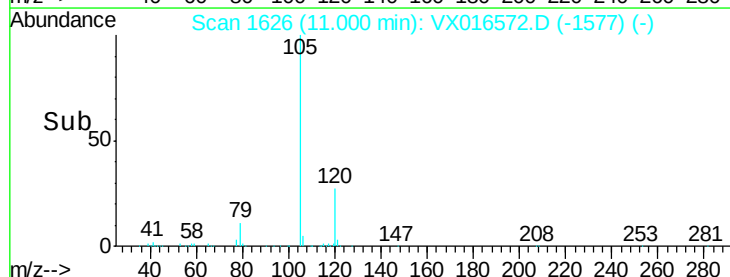
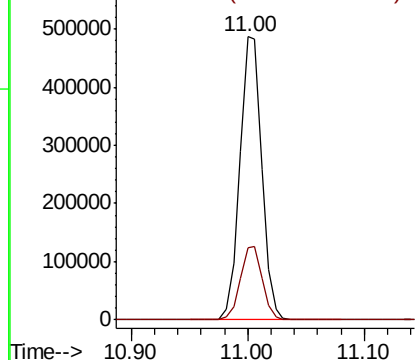
Ion Ratio Lower Upper

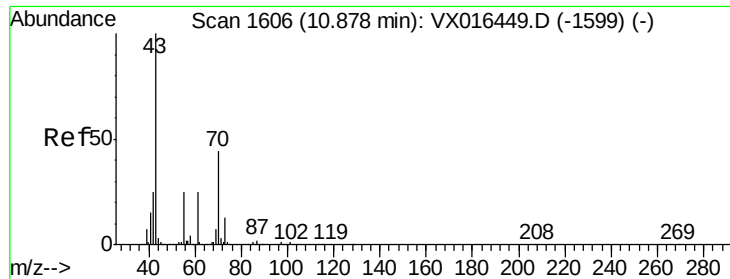
105 100

120 26.1 13.1 39.3



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

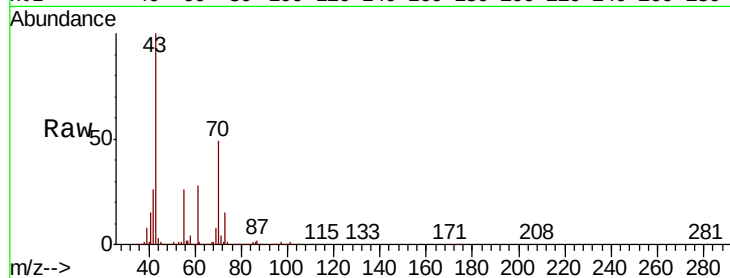




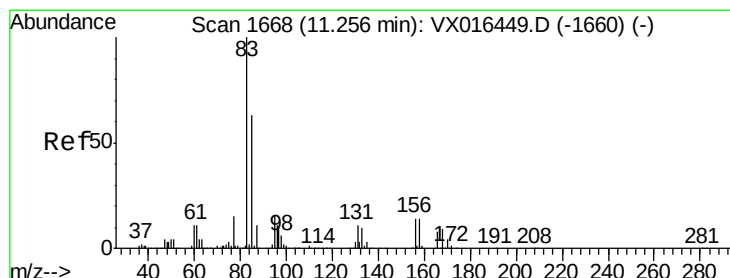
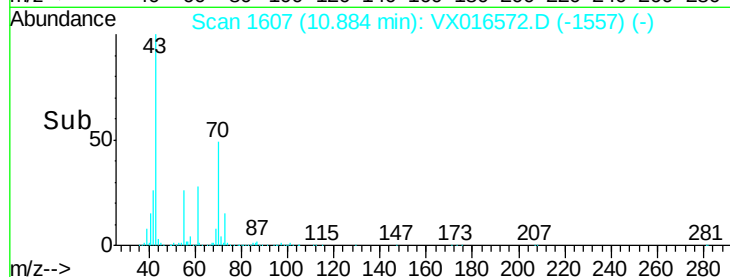
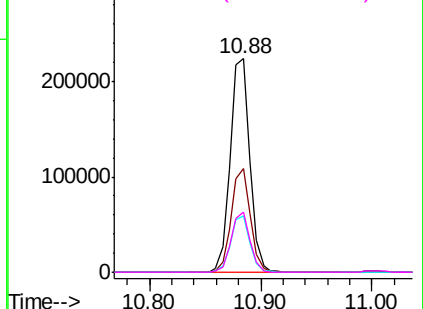
#74
N-amvl acetate
Concen: 45.067 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

Tot Ion:	43	Resp:	271053
Ion	Ratio	Lower	Upper
43	100		
70	47.4	36.1	54.1
55	25.8	20.2	30.4
61	26.8	20.3	30.5

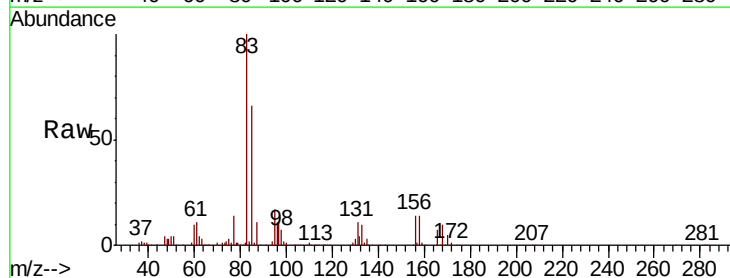


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0

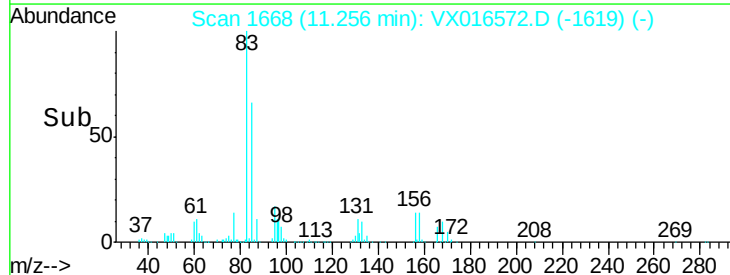
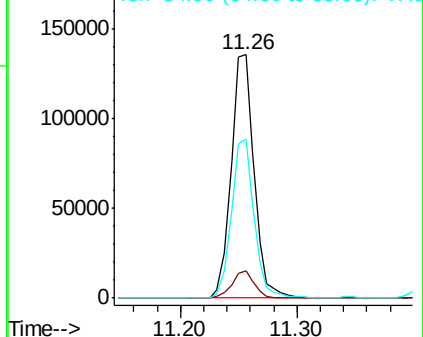


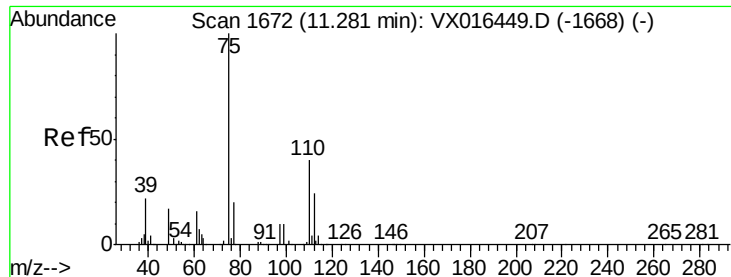
#75
1,1,2,2-Tetrachloroethane
Concen: 56.743 ug/l
RT: 11.26 min Scan# 1668
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion:	83	Resp:	185949
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.3
85	64.6	32.0	96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 63.428 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

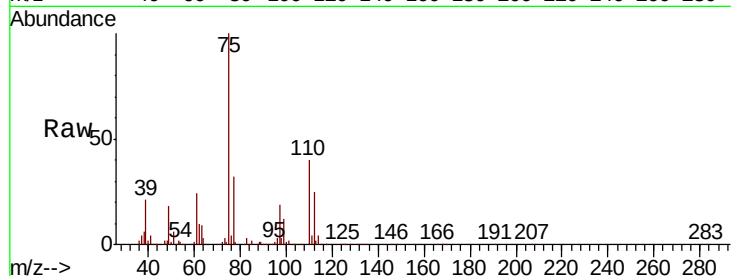
SP20-MMW3414MSD

Tot Ion: 75 Resp: 263105

Ion Ratio Lower Upper

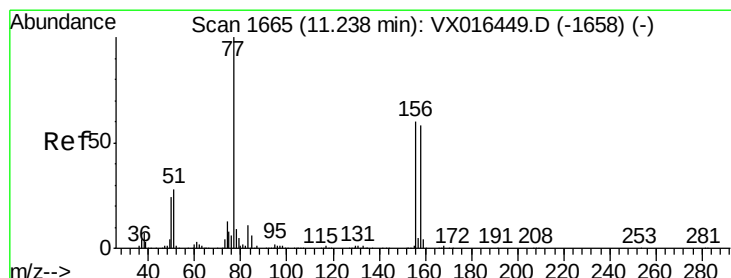
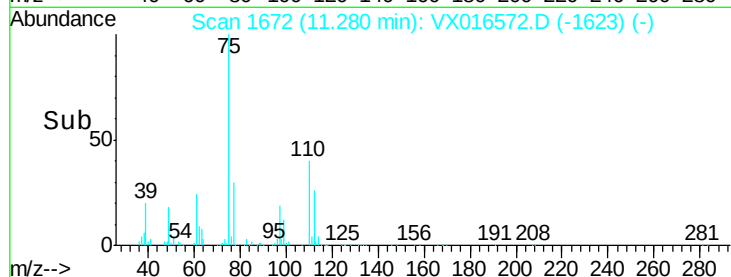
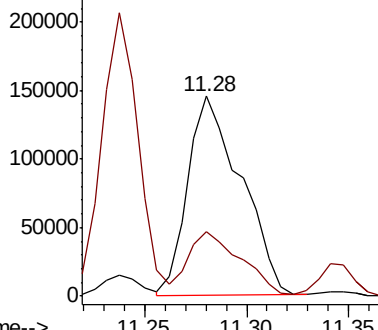
75 100

77 32.1 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 49.221 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

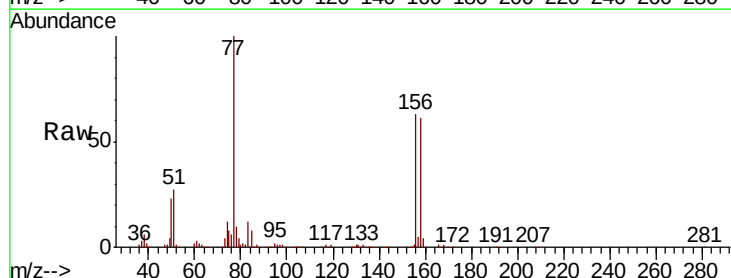
Tgt Ion: 156 Resp: 168806

Ion Ratio Lower Upper

156 100

77 152.0 79.6 238.8

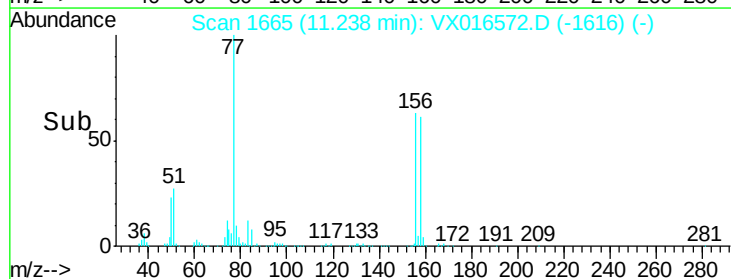
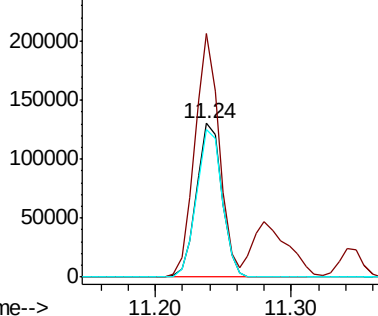
158 97.0 48.1 144.4

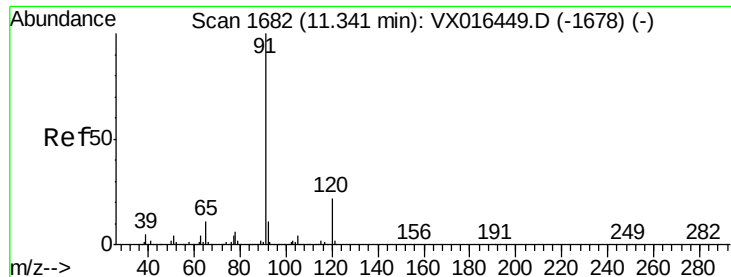


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 48.888 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

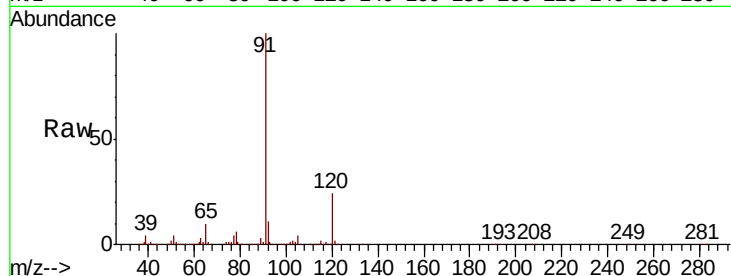
SP20-MMW3414MSD

Tot Ion: 91 Resp: 714181

Ion Ratio Lower Upper

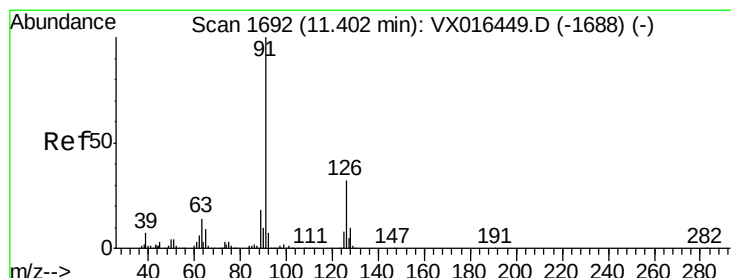
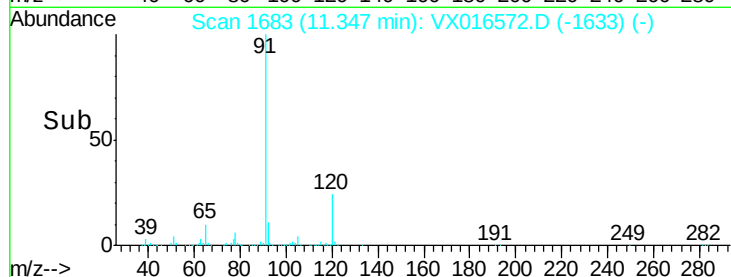
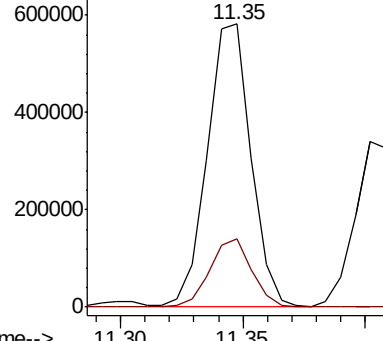
91 100

120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 48.673 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016572.D

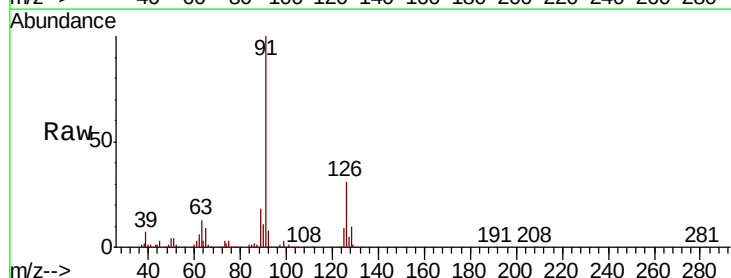
Acq: 03 Jun 2020 17:28

Tgt Ion: 91 Resp: 434015

Ion Ratio Lower Upper

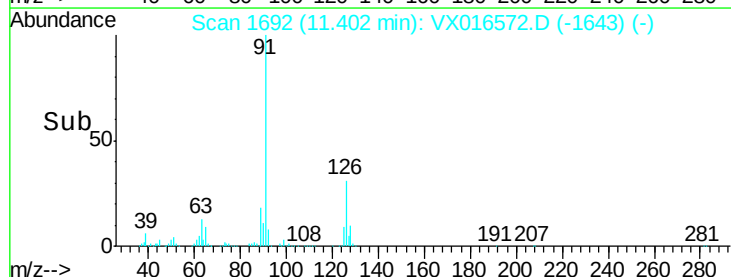
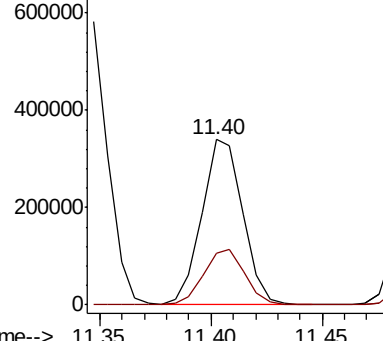
91 100

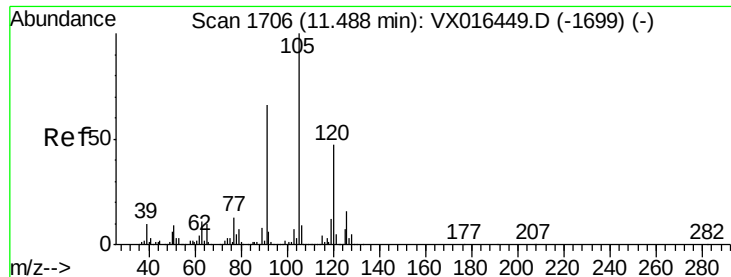
126 33.7 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 49.604 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

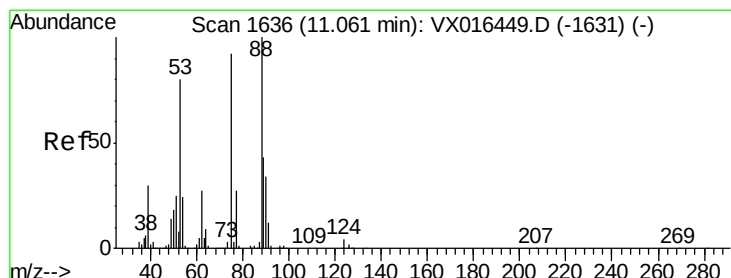
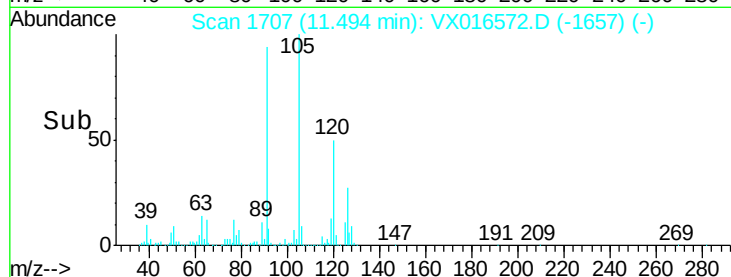
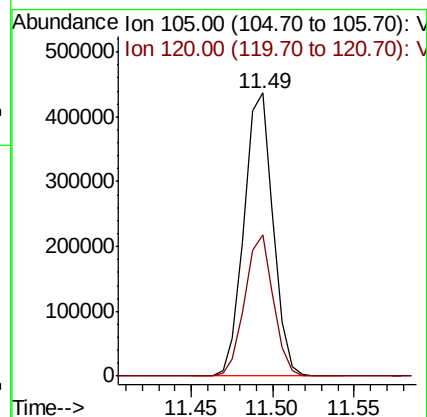
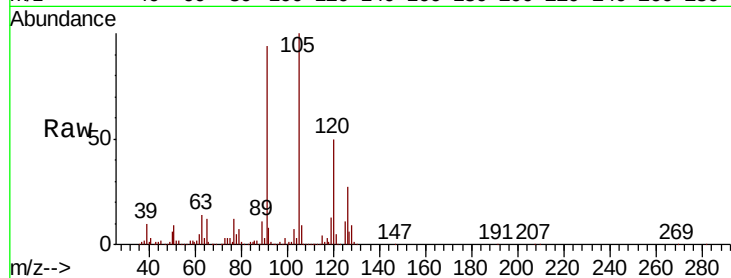
SP20-MMW3414MSD

Tot Ion:105 Resp: 541577

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 46.656 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

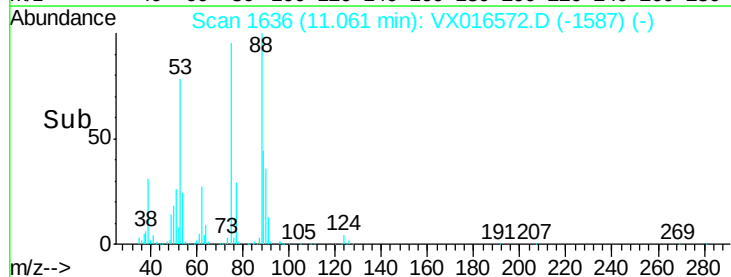
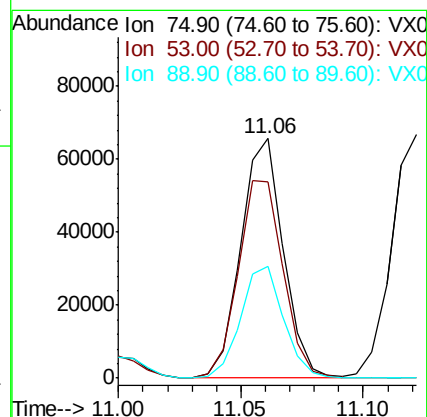
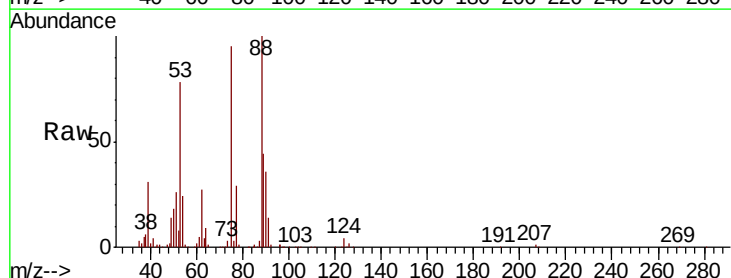
Tgt Ion: 75 Resp: 78676

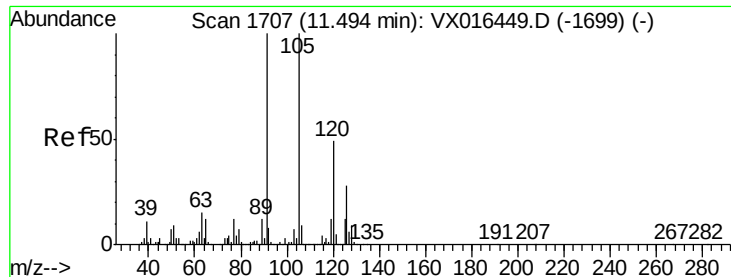
Ion Ratio Lower Upper

75 100

53 87.6 71.3 106.9

89 47.4 36.6 55.0

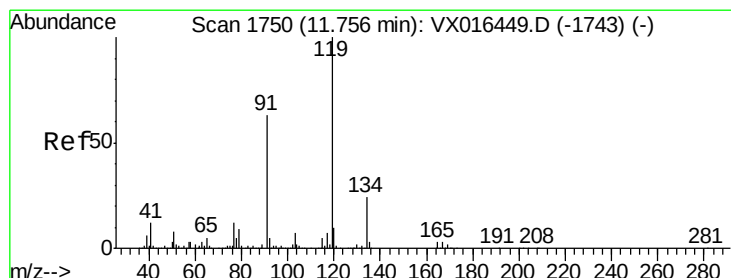
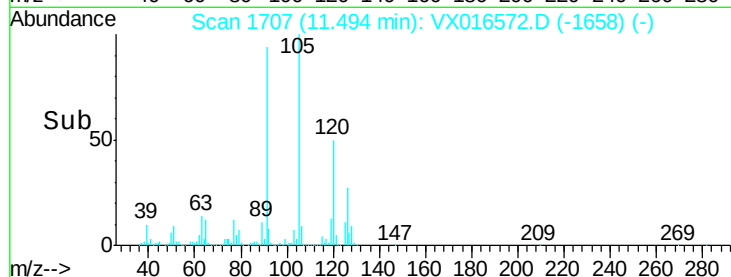
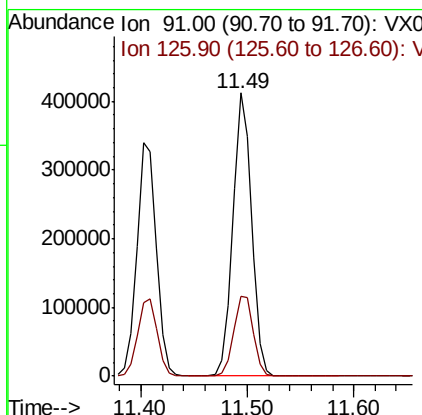
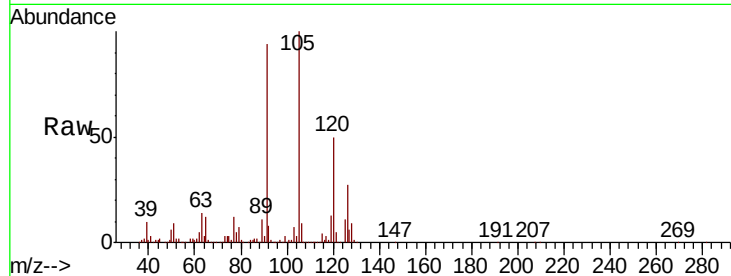




#82
4-Chlorotoluene
Concen: 48.441 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

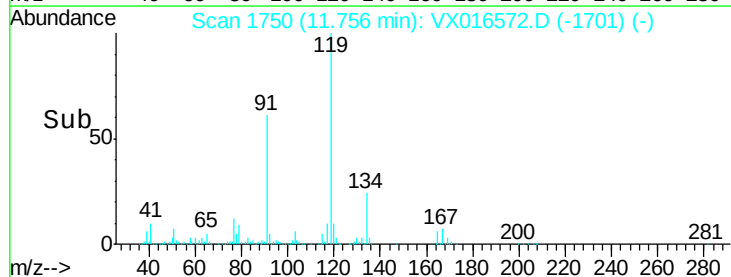
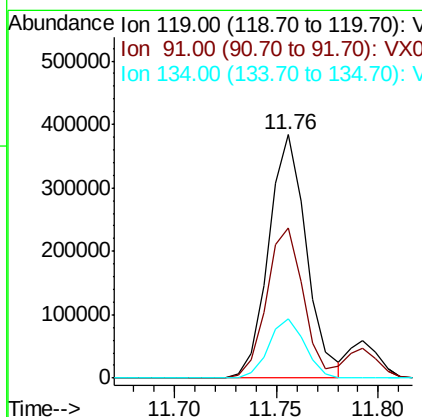
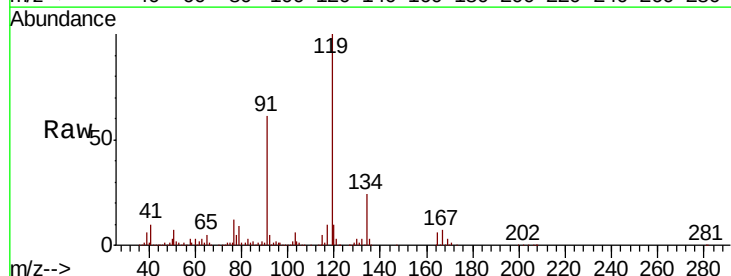
Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414MSD

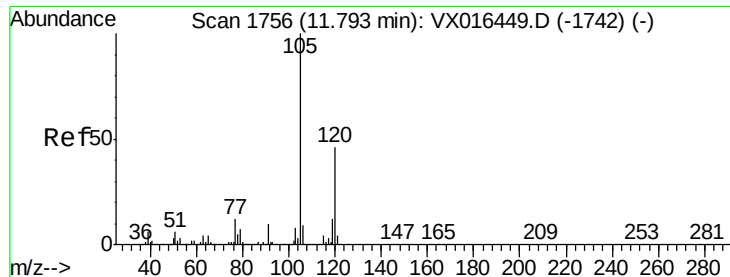
Tot Ion: 91 Resp: 510085
Ion Ratio Lower Upper
91 100
126 29.7 14.7 44.1



#83
tert-Butylbenzene
Concen: 52.950 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016572.D
Acq: 03 Jun 2020 17:28

Tgt Ion: 119 Resp: 493973
Ion Ratio Lower Upper
119 100
91 59.7 31.3 93.8
134 23.3 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 50.059 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

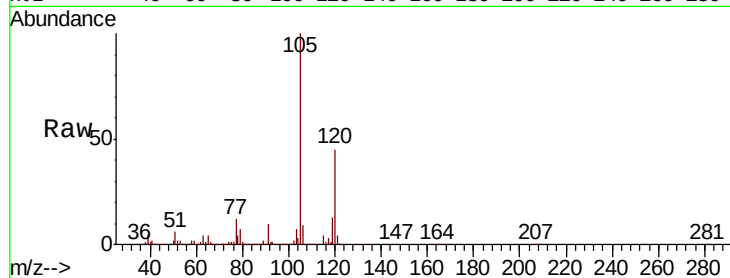
SP20-MMW3414MSD

Tot Ion:105 Resp: 552728

Ion Ratio Lower Upper

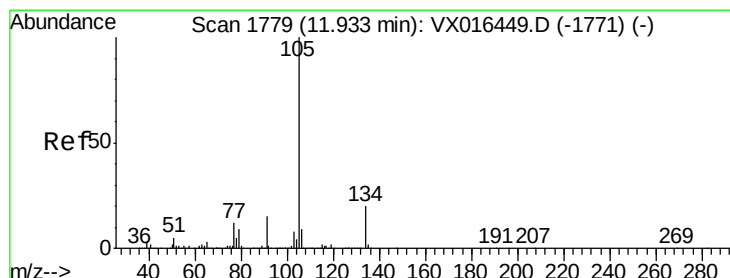
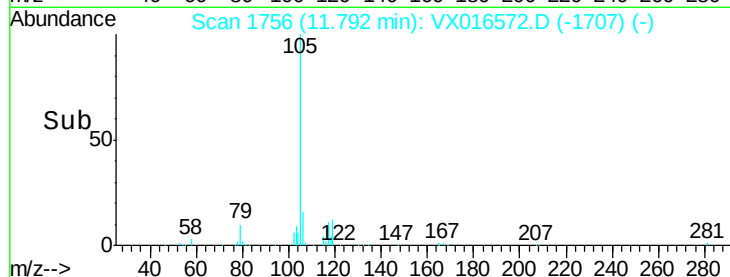
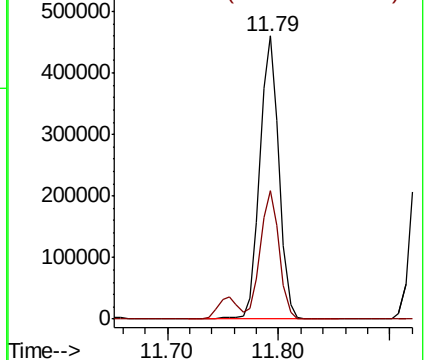
105 100

120 44.9 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 50.538 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016572.D

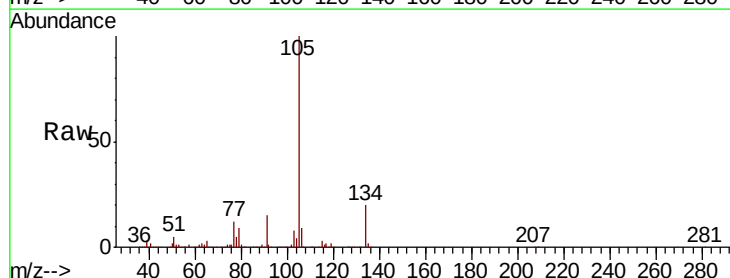
Acq: 03 Jun 2020 17:28

Tgt Ion:105 Resp: 591443

Ion Ratio Lower Upper

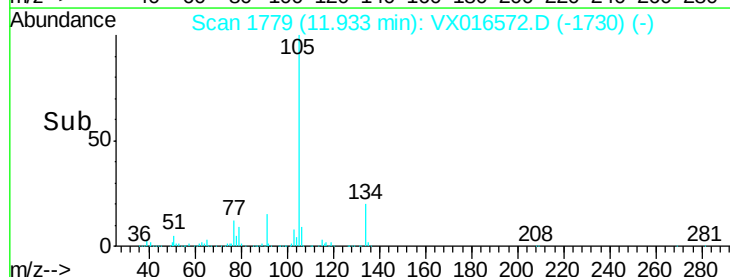
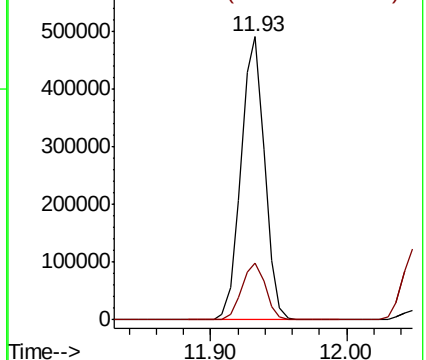
105 100

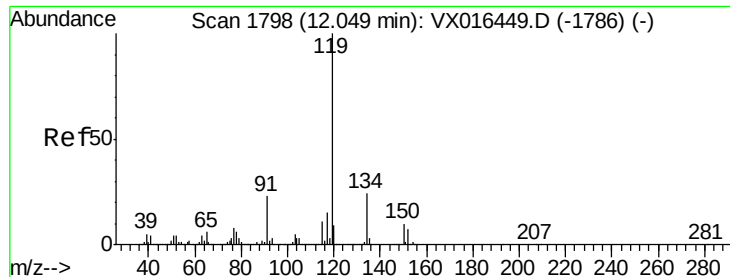
134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

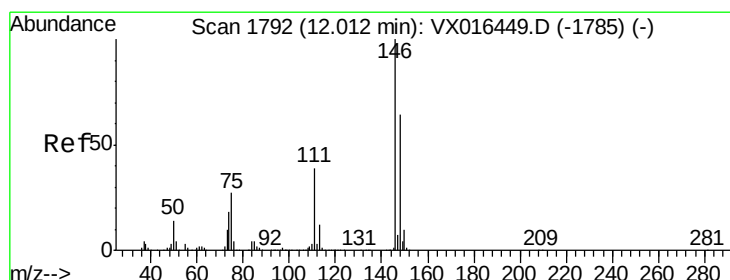
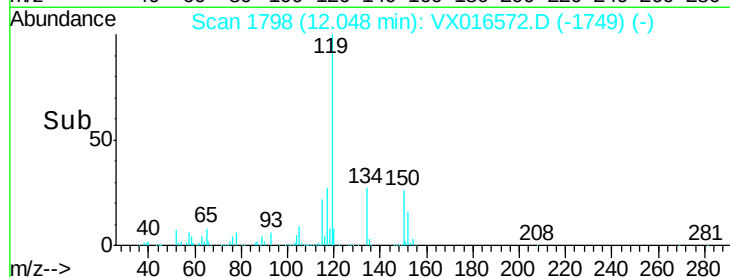
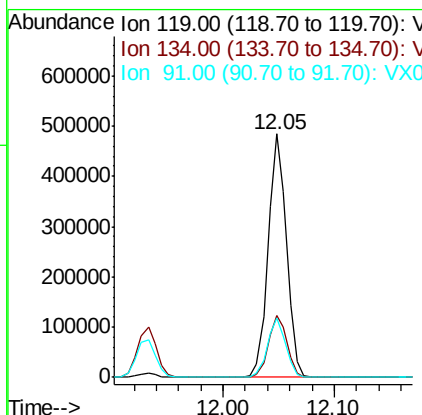
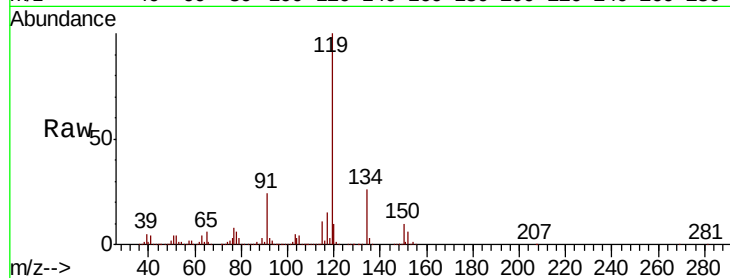




#86
 p-Isopropyltoluene
 Concen: 50.988 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

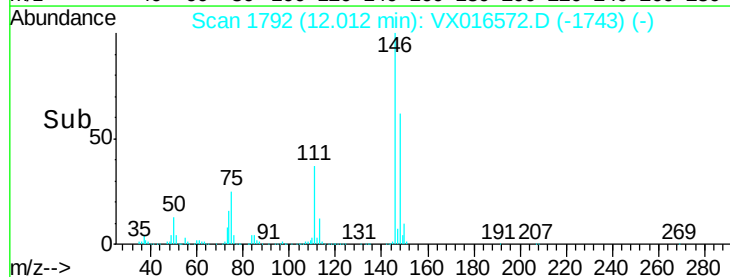
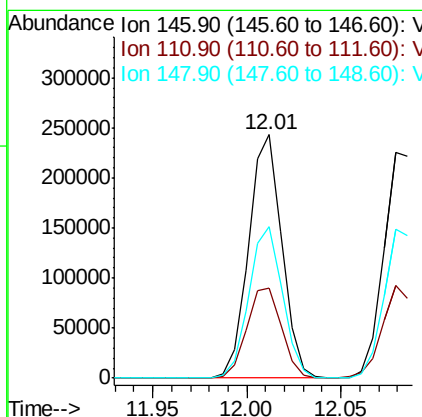
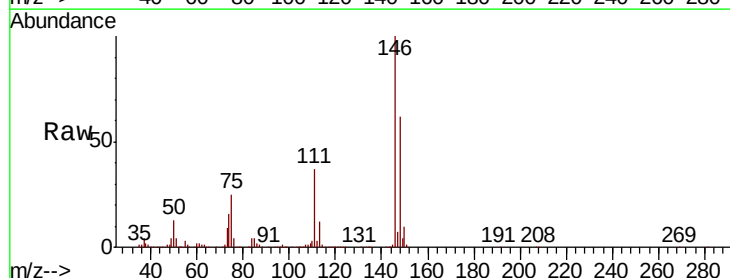
Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

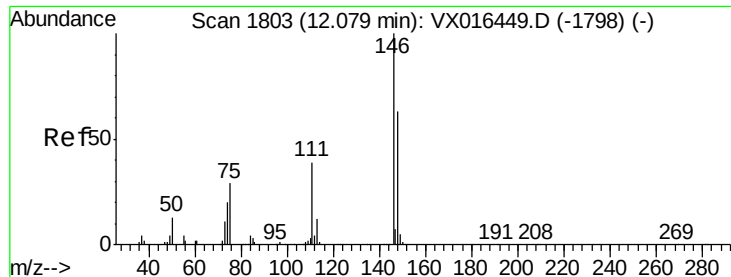
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.7	38.0
91	24.1	11.7	35.0



#87
 1,3-Dichlorobenzene
 Concen: 49.967 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.0	60.0
148	63.1	31.9	95.5

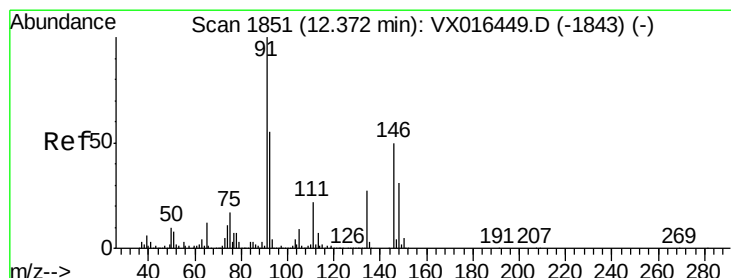
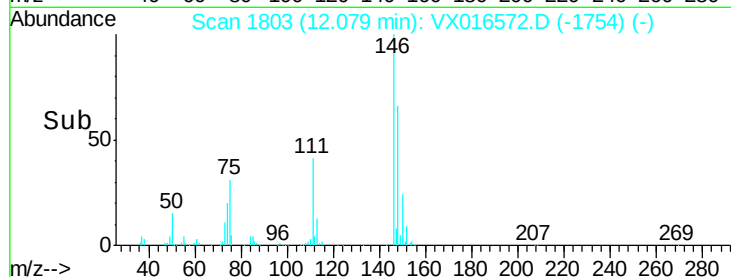
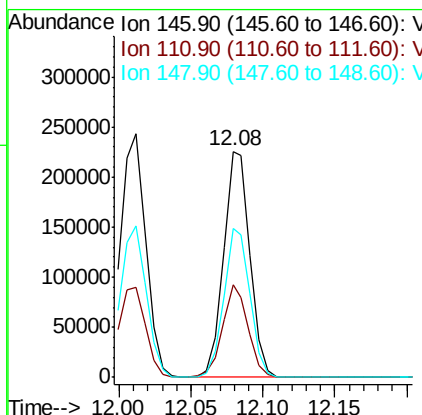
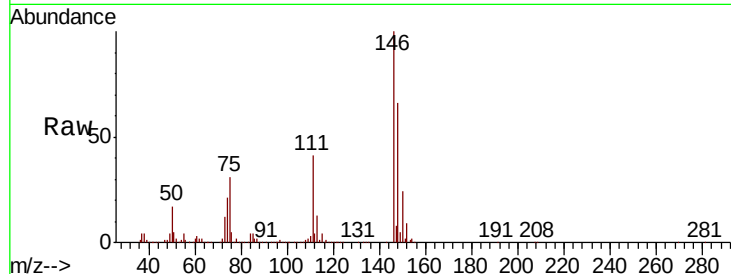




#88
 1,4-Dichlorobenzene
 Concen: 47.674 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

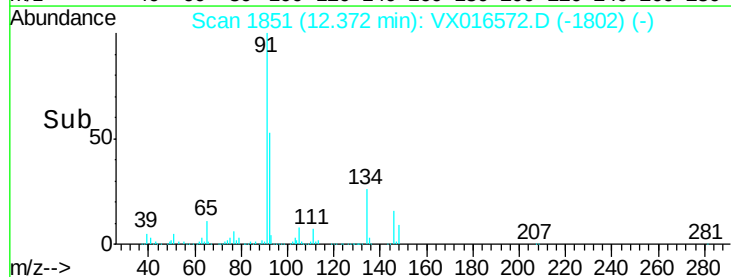
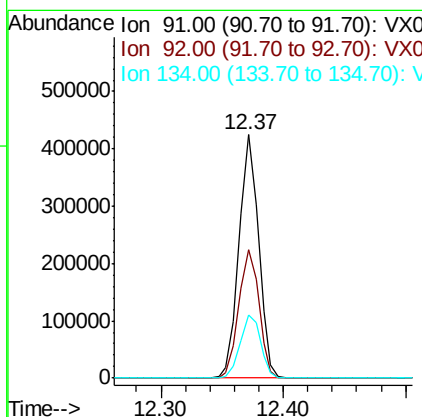
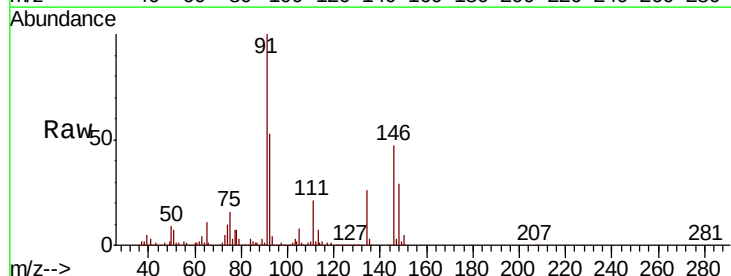
Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

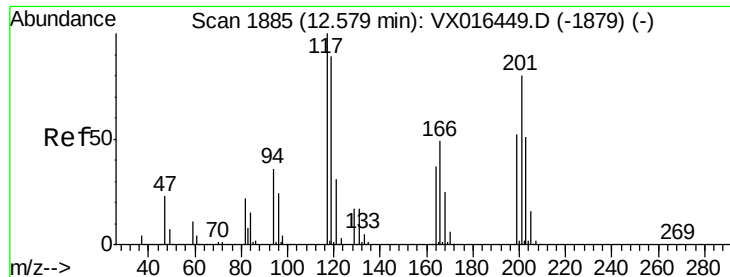
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.2
148	65.3	31.4	94.3



#89
 n-Butylbenzene
 Concen: 51.318 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.2	81.5
134	27.2	13.1	39.3





#90

Hexachloroethane

Concen: 50.882 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

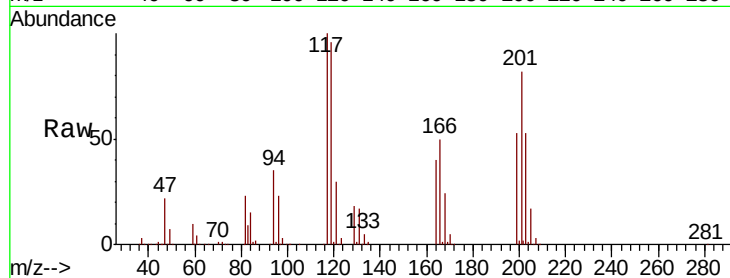
SP20-MMW3414MSD

Tot Ion:117 Resp: 96348

Ion Ratio Lower Upper

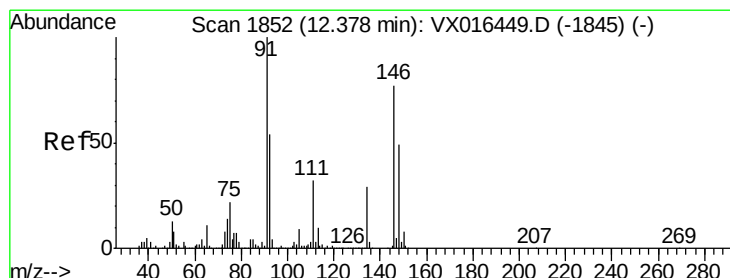
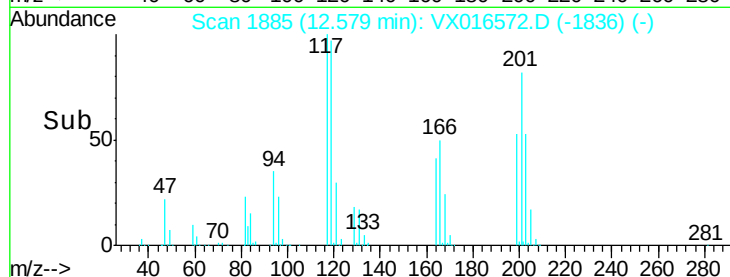
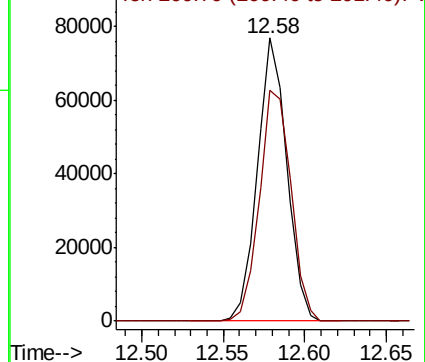
117 100

201 87.2 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.173 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

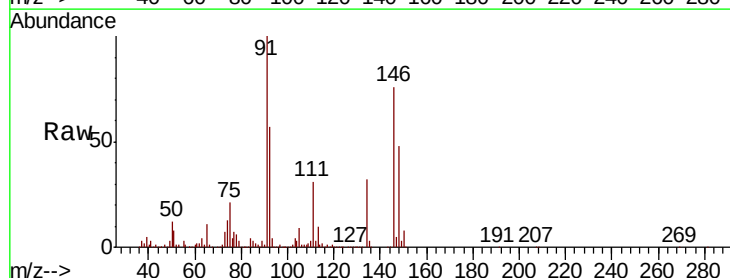
Tgt Ion:146 Resp: 283062

Ion Ratio Lower Upper

146 100

111 42.0 21.4 64.3

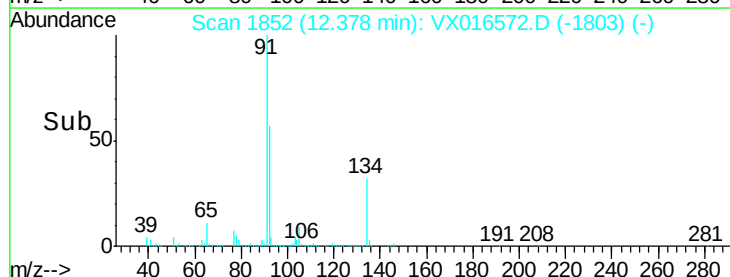
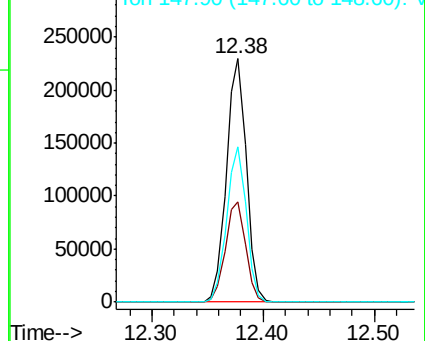
148 63.1 31.9 95.7

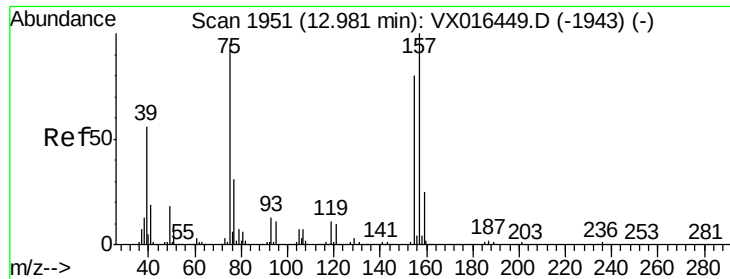


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.810 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

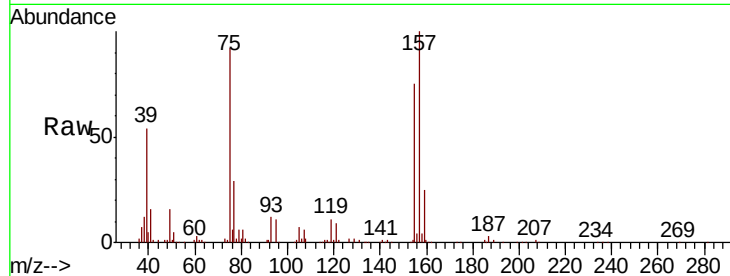
Tot Ion: 75 Resp: 51810

Ion Ratio Lower Upper

75 100

155 91.9 44.1 132.4

157 118.7 57.8 173.3



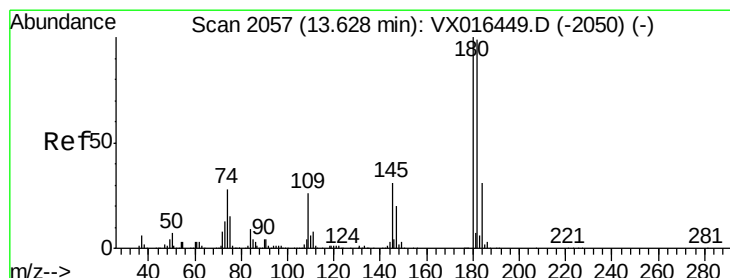
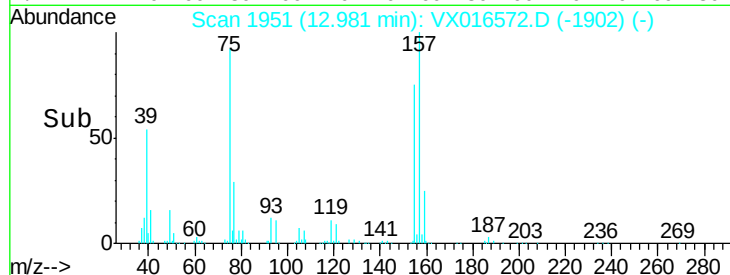
Abundance Ion 74.90 (74.60 to 75.60): VX016572.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX016572.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX016572.D (-1902) (-)

12.98

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 52.968 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

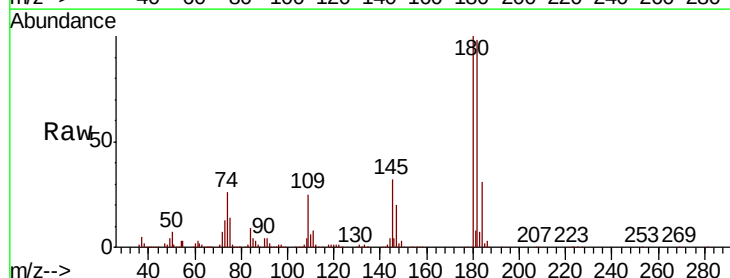
Tgt Ion: 180 Resp: 202501

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.8

145 30.8 15.4 46.2



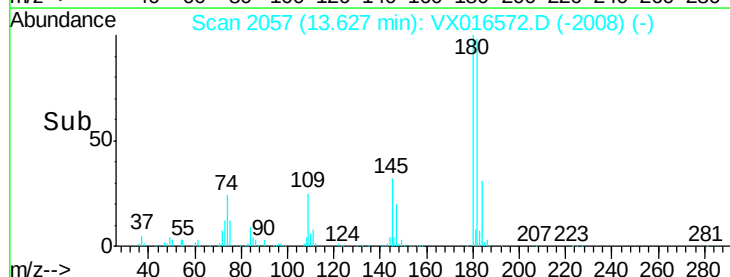
Abundance Ion 179.80 (179.50 to 180.50): VX016572.D (-2008) (-)

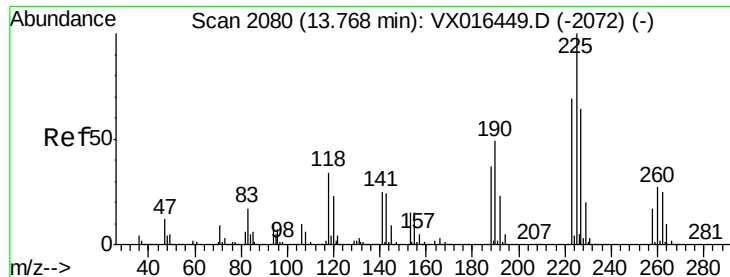
Ion 181.80 (181.50 to 182.50): VX016572.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX016572.D (-2008) (-)

13.63

Time-->





#94

Hexachlorobutadiene

Concen: 54.690 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Instrument :

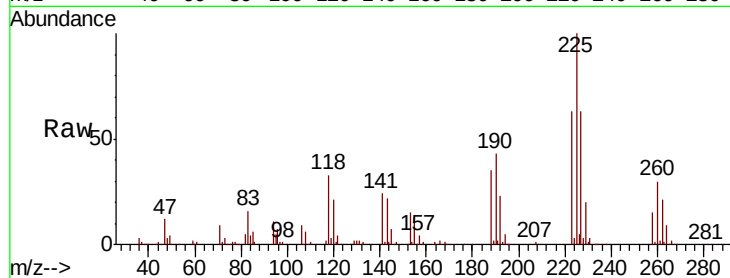
MSVOA_X

ClientSampleId :

SP20-MMW3414MSD

Tot Ion:225 Resp: 82091

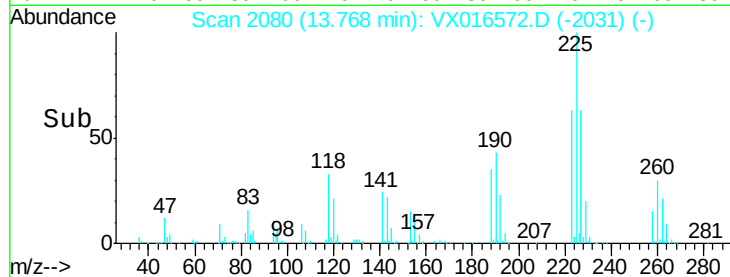
Ion	Ratio	Lower	Upper
225	100		
223	64.6	32.3	96.8
227	62.9	31.6	94.7



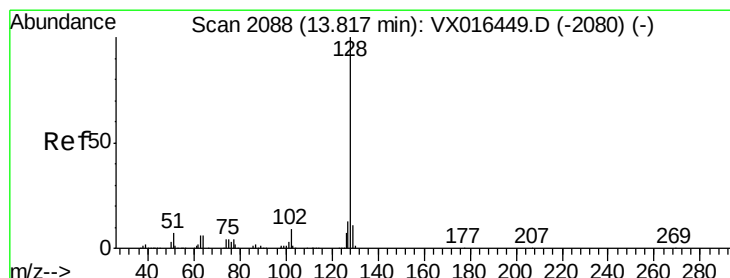
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->



#95

Naphthalene

Concen: 51.312 ug/l

RT: 13.82 min Scan# 2088

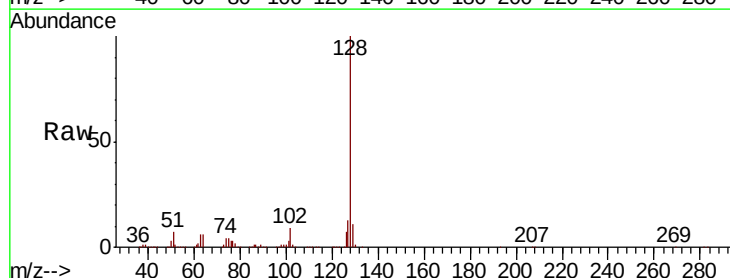
Delta R.T. -0.00 min

Lab File: VX016572.D

Acq: 03 Jun 2020 17:28

Tgt Ion:128 Resp: 672494

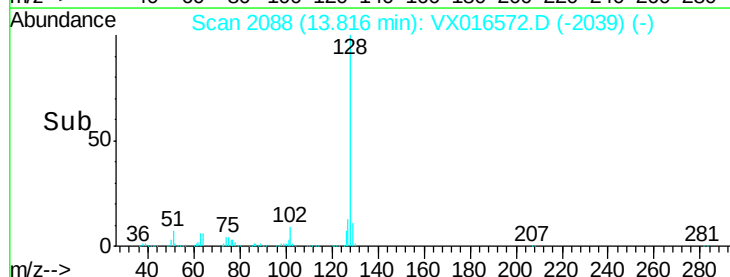
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.8	8.6	13.0



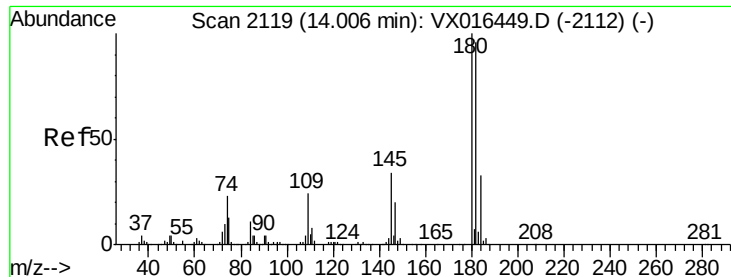
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96
 1,2,3-Trichlorobenzene
 Concen: 53.369 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016572.D
 Acq: 03 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.6	145.8
145	32.9	16.6	49.8

