

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091820\
 Data File : VX018492.D
 Acq On : 18 Sep 2020 15:09
 Operator : JC/SP
 Sample : L3928-07MEDL 5X
 Misc : 4.65g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5-16.5-17.0MEDL

Quant Time: Sep 18 15:39:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	427451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	663645	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	669455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	359215	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	295379	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	5.46	113	225336	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	8.70	98	821698	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.12	95	358011	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1075	0.227	ug/l	94
5) Bromomethane	1.63	94	1335	0.433	ug/l	97
10) Methyl Iodide	2.49	142	2242	5.312	ug/l #	45
11) Tert butyl alcohol	3.00	59	268	0.255	ug/l #	1
13) Acrolein	2.26	56	1161	1.743	ug/l #	37
15) Acrylonitrile	3.11	53	528	0.210	ug/l #	1
16) Acetone	2.42	43	972	0.420	ug/l #	72
17) Carbon Disulfide	2.54	76	3127	0.253	ug/l #	74
18) Methyl Acetate	2.75	43	1885	0.329	ug/l	97
20) Methylene Chloride	2.83	84	2329	0.456	ug/l #	78
21) trans-1,2-Dichloroethene	3.14	96	986	0.205	ug/l #	86
25) 2-Butanone	4.64	43	2562	0.711	ug/l	99
29) Tetrahydrofuran	5.10	42	1064	0.469	ug/l #	54
31) Cyclohexane	5.62	56	8245	1.127	ug/l #	31
36) 1,1-Dichloropropene	5.63	75	33466	5.195	ug/l #	53
38) Carbon Tetrachloride	5.63	117	45979	6.445	ug/l #	18
39) Methylcyclohexane	7.44	83	5207	0.720	ug/l	90
49) 1,4-Dioxane	7.70	88	78	0.850	ug/l #	26
51) 4-Methyl-2-Pentanone	8.65	43	3460	0.509	ug/l #	36
55) 1,1,2-Trichloroethane	9.14	97	14932	3.098	ug/l #	19
56) Ethyl methacrylate	9.14	69	4180	0.585	ug/l #	1
59) 2-Hexanone	9.43	43	28349	5.484	ug/l #	31
67) Ethyl Benzene	10.24	91	65487	2.745	ug/l	98
68) m/p-Xylenes	10.34	106	46672	5.171	ug/l	98
69) o-Xylene	10.68	106	12867	1.505	ug/l	98
73) Isopropylbenzene	11.00	105	101652	4.236	ug/l	100
74) N-amyl acetate	10.89	43	43330	4.011	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	36393	4.582	ug/l #	26
76) 1,2,3-Trichloropropane	11.43	75	7577	1.004	ug/l #	1
78) n-propylbenzene	11.34	91	199766	7.112	ug/l	98
79) 2-Chlorotoluene	11.42	91	100216	5.894	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.49	105	255880	12.468	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	183796	62.392	ug/l #	14
82) 4-Chlorotoluene	11.49	91	32690	1.617	ug/l #	47

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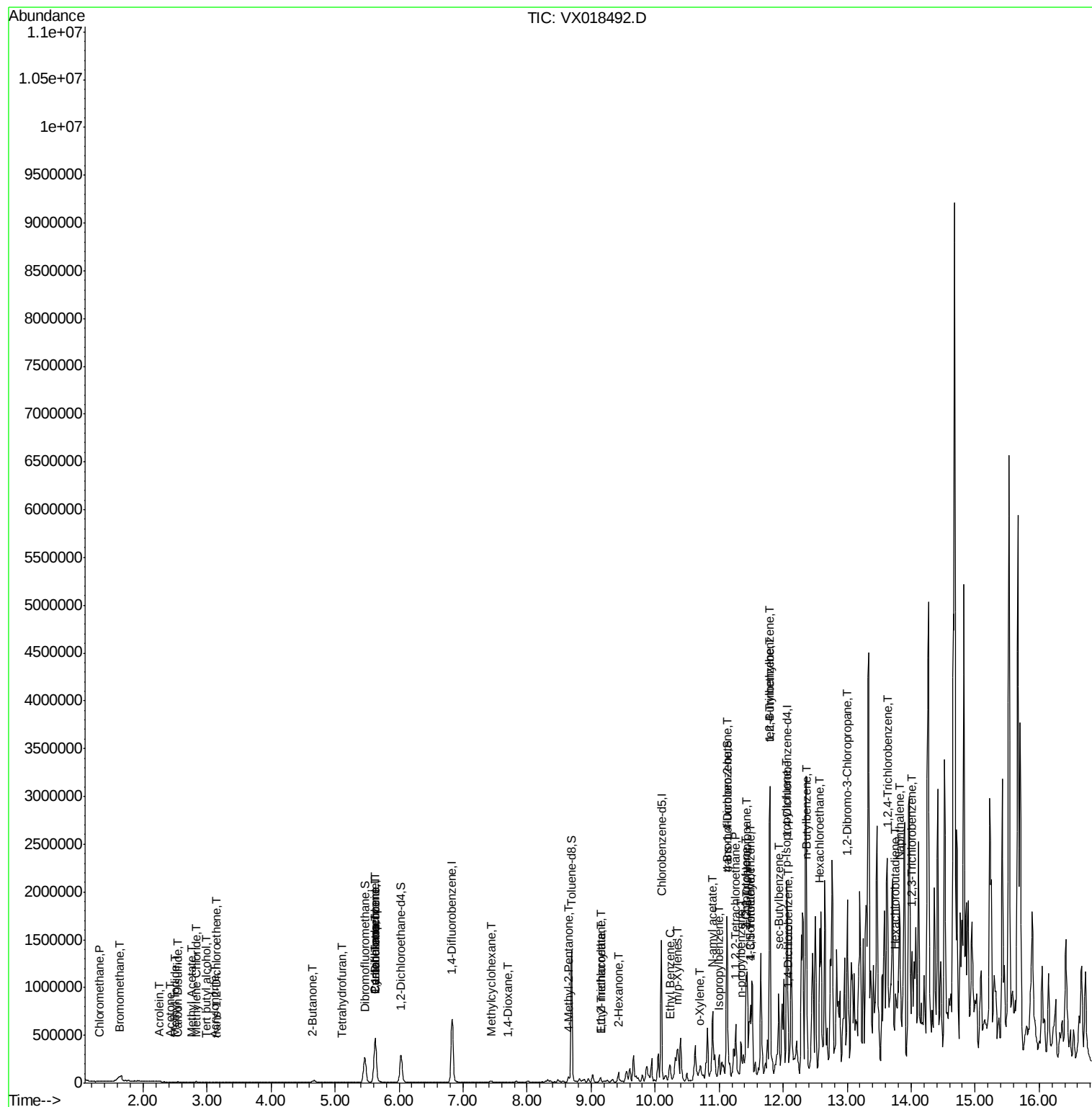
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.79	119	142854	7.169	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.79	105	1212192	58.651	ug/l	97
85) sec-Butylbenzene	11.93	105	334374	14.222	ug/l	94
86) p-Isopropyltoluene	12.05	119	254686	11.787	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	3017	0.250	ug/l #	44
89) n-Butylbenzene	12.37	91	390794	19.537	ug/l #	32
90) Hexachloroethane	12.57	117	53585	12.422	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	13.01	75	5985	3.104	ug/l #	18
93) 1,2,4-Trichlorobenzene	13.63	180	3801	0.490	ug/l #	1
94) Hexachlorobutadiene	13.76	225	2188	0.672	ug/l	90
95) Naphthalene	13.82	128	916590	39.137	ug/l #	97
96) 1,2,3-Trichlorobenzene	14.01	180	4030	0.544	ug/l #	1

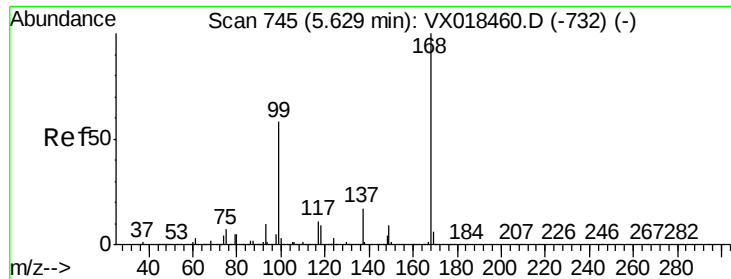
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091820\
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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: VX018492.D

Acq: 18 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

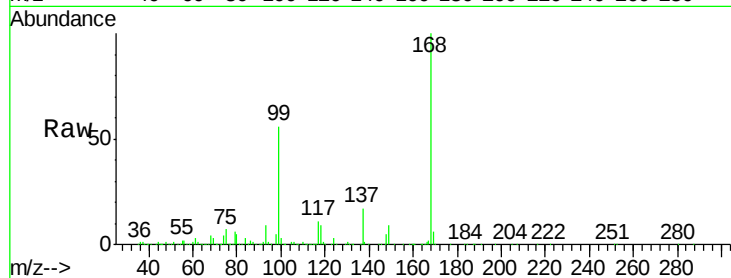
SB-5-16.5-17.0MEDL

Tgt Ion:168 Resp: 427451

Ion Ratio Lower Upper

168 100

99 55.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

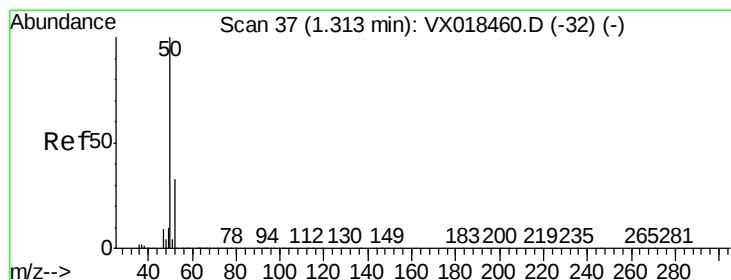
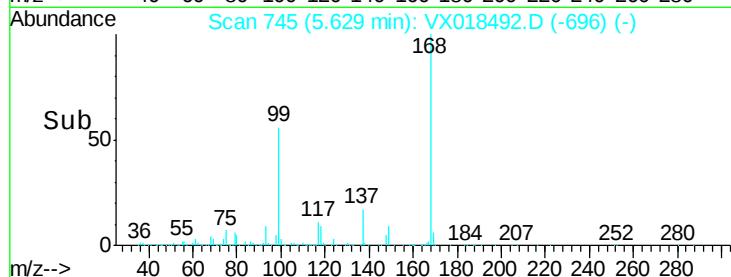
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.227 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018492.D

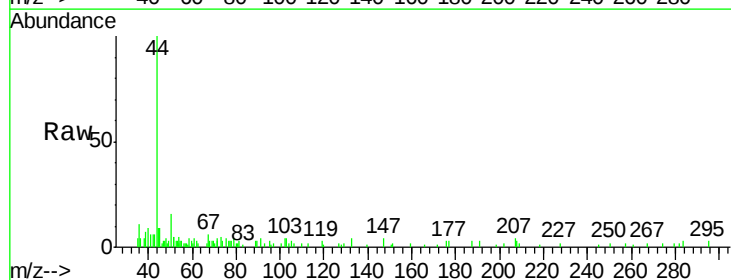
Acq: 18 Sep 2020 15:09

Tgt Ion: 50 Resp: 1075

Ion Ratio Lower Upper

50 100

52 36.9 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

800

600

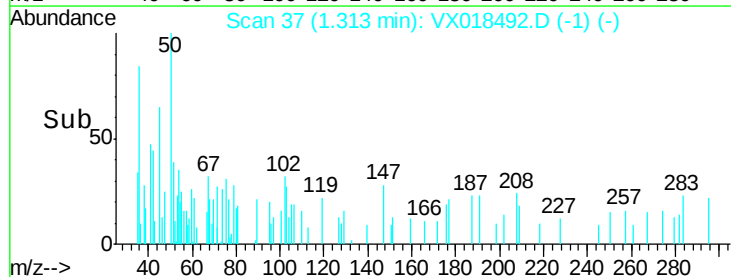
400

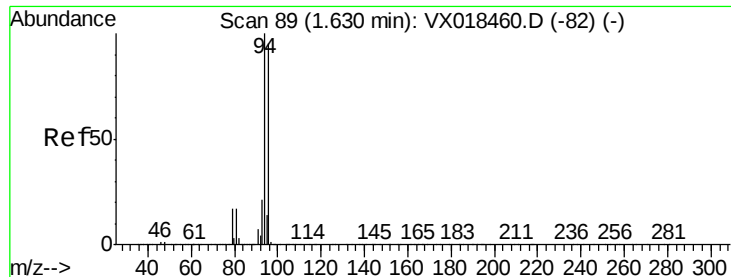
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.433 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

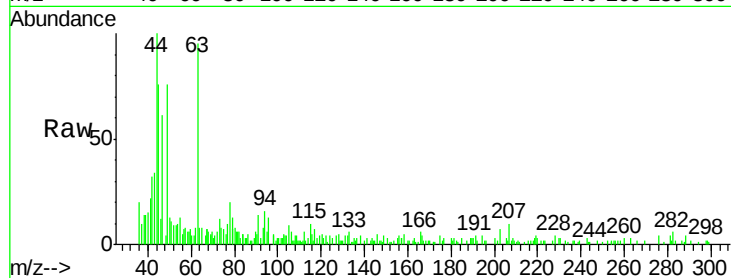
SB-5-16.5-17.0MEDL

Tgt Ion: 94 Resp: 1335

Ion Ratio Lower Upper

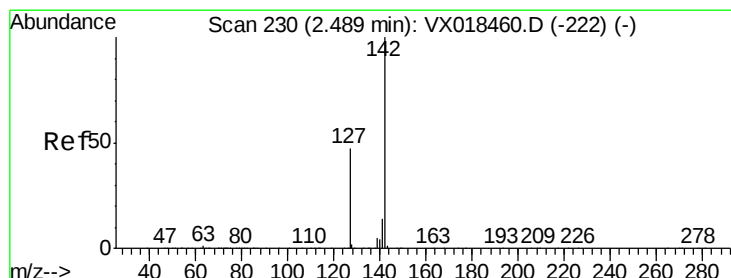
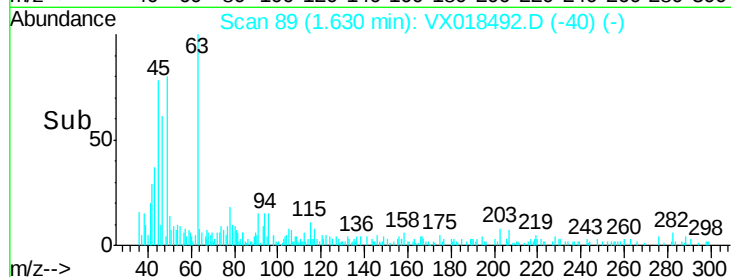
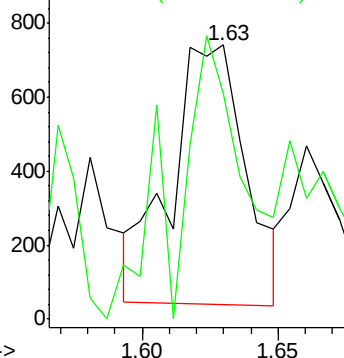
94 100

96 91.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 5.312 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

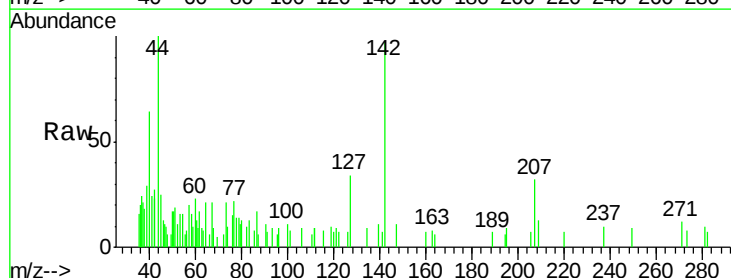
Tgt Ion: 142 Resp: 2242

Ion Ratio Lower Upper

142 100

127 0.0 36.0 54.0#

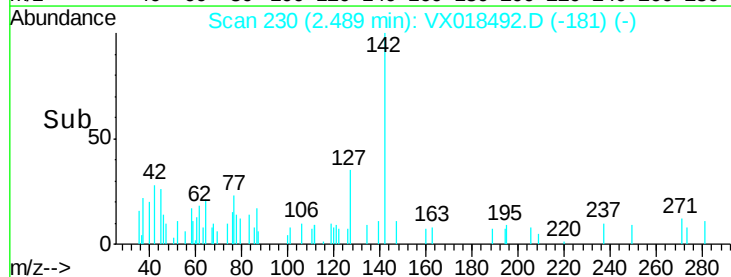
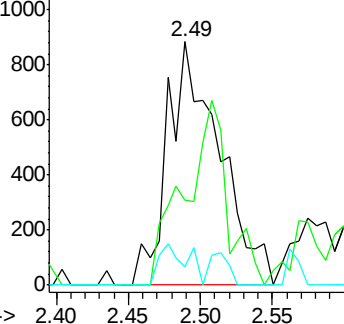
141 9.2 11.9 17.9#

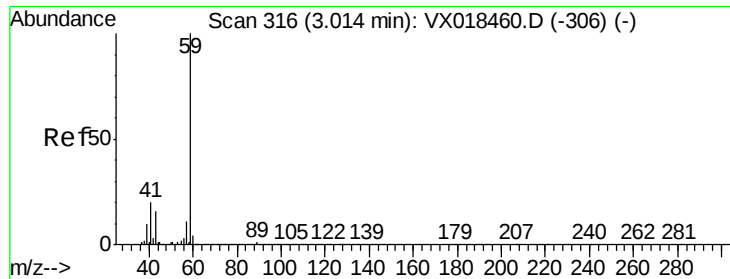


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

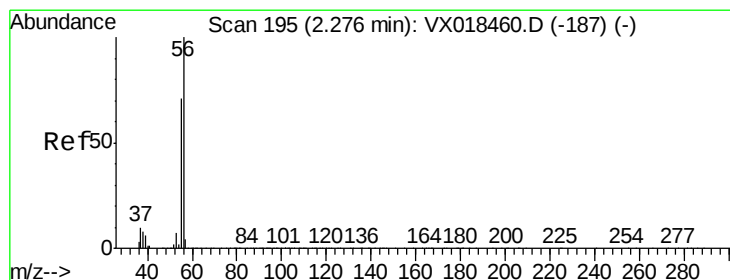
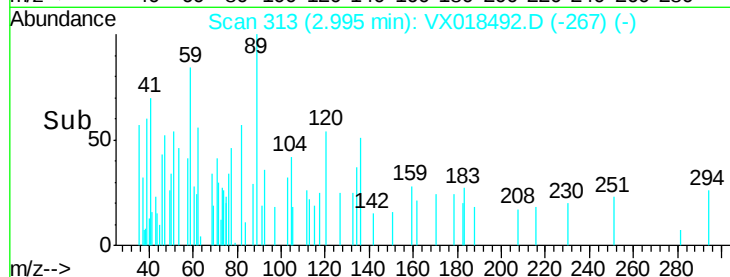
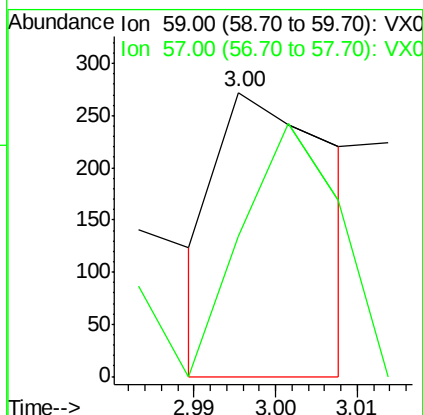
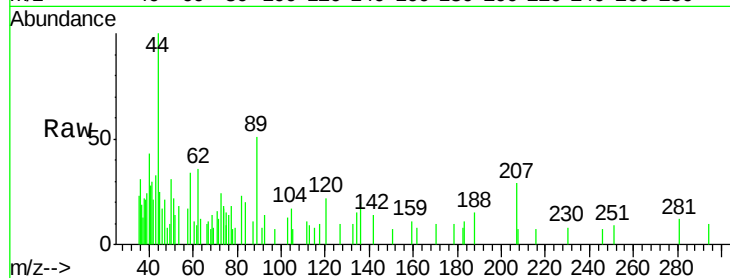




#11
Tert butyl alcohol
Concen: 0.255 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX018492.D
Acq: 18 Sep 2020 15:09

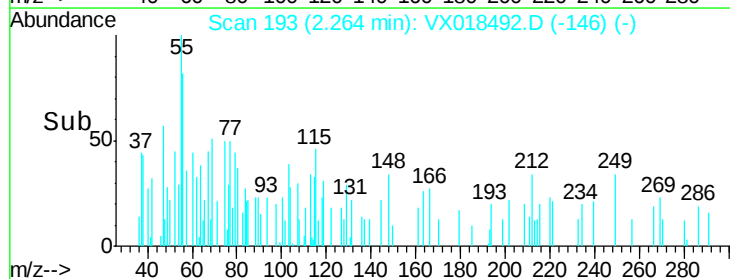
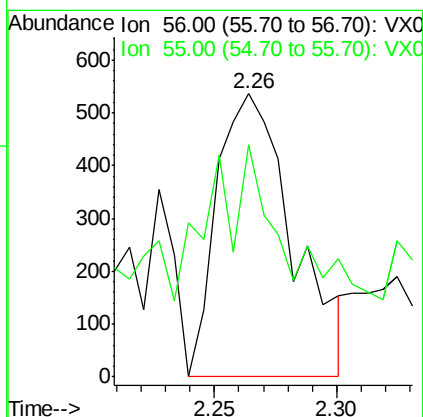
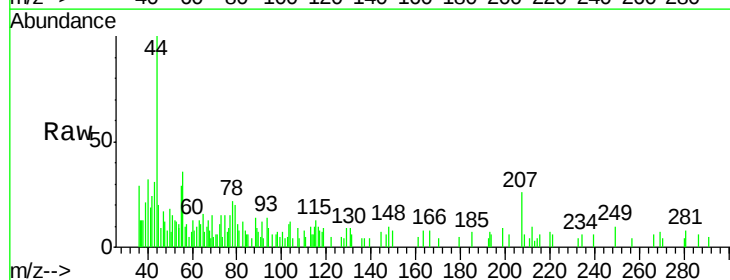
Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0MEDL

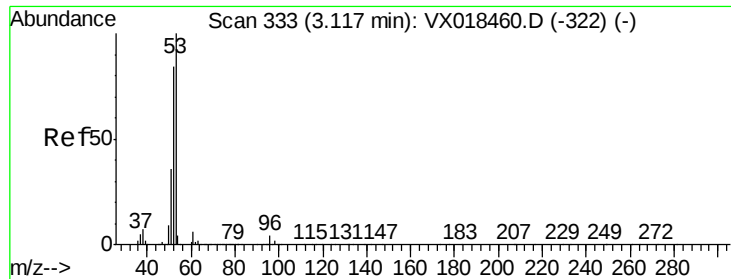
Tgt Ion: 59 Resp: 268
Ion Ratio Lower Upper
59 100
57 74.3 8.2 12.4#



#13
Acrolein
Concen: 1.743 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX018492.D
Acq: 18 Sep 2020 15:09

Tgt Ion: 56 Resp: 1161
Ion Ratio Lower Upper
56 100
55 19.9 58.2 87.4#





#15

Acrylonitrile

Concen: 0.210 ug/l

RT: 3.11 min Scan# 331

Delta R.T. -0.01 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0MEDL

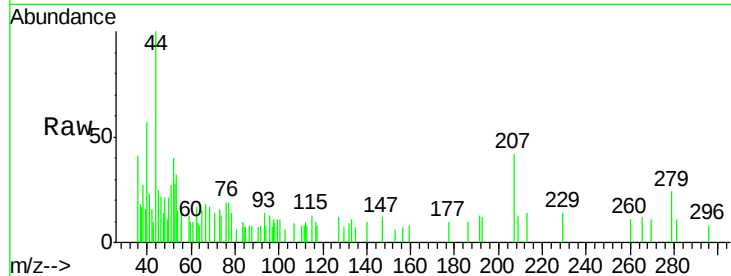
Tgt Ion: 53 Resp: 528

Ion Ratio Lower Upper

53 100

52 179.5 65.8 98.8#

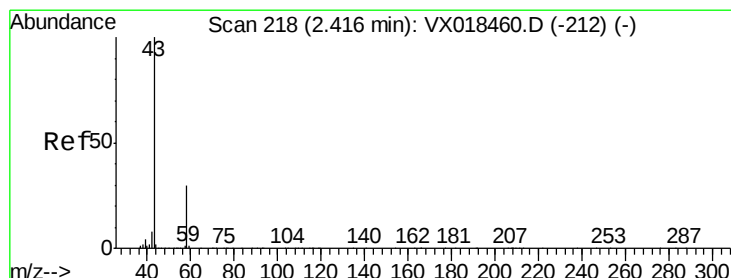
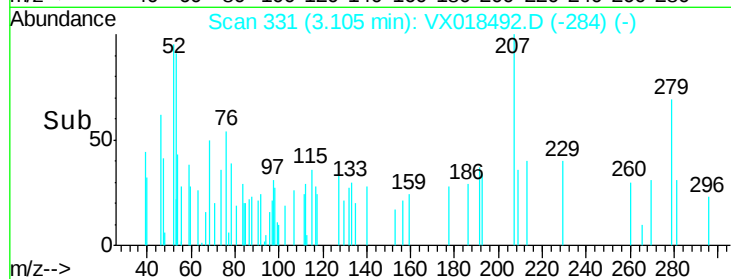
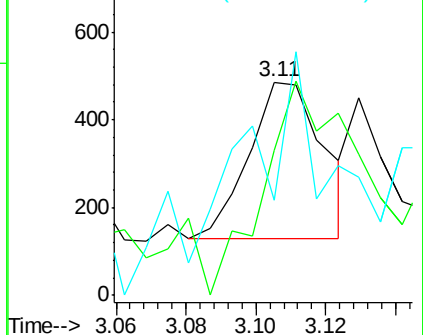
51 107.6 29.2 43.8#



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: 0.420 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018492.D

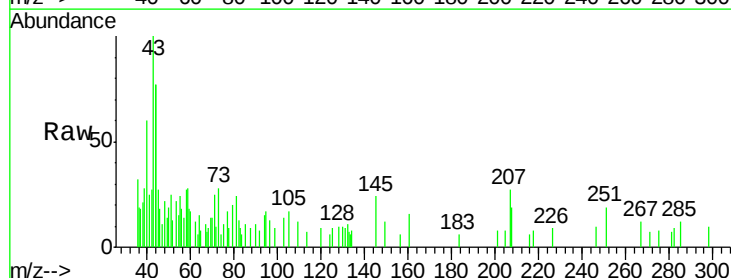
Acq: 18 Sep 2020 15:09

Tgt Ion: 43 Resp: 972

Ion Ratio Lower Upper

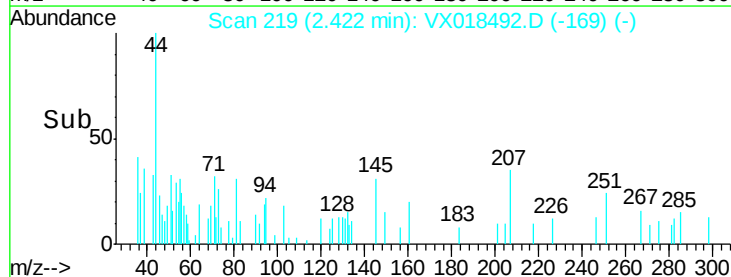
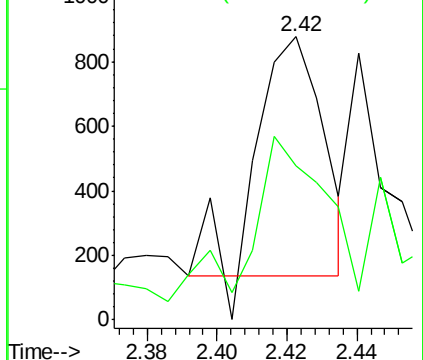
43 100

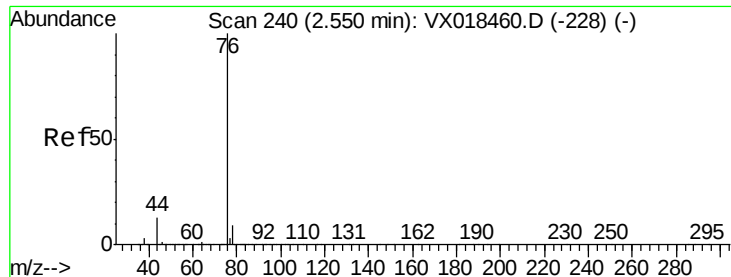
58 45.4 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.253 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

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MSVOA_X

ClientSampleId :

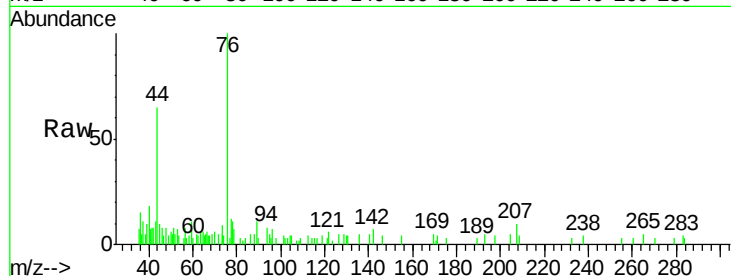
SB-5-16.5-17.0MEDL

Tgt Ion: 76 Resp: 3127

Ion Ratio Lower Upper

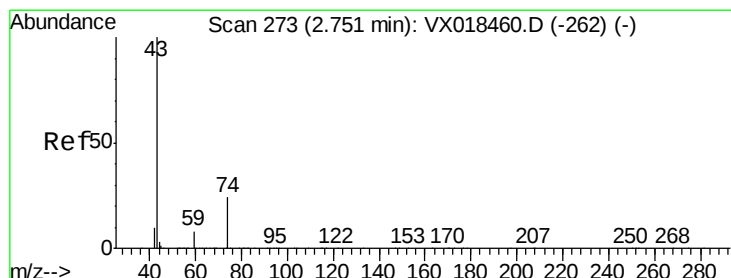
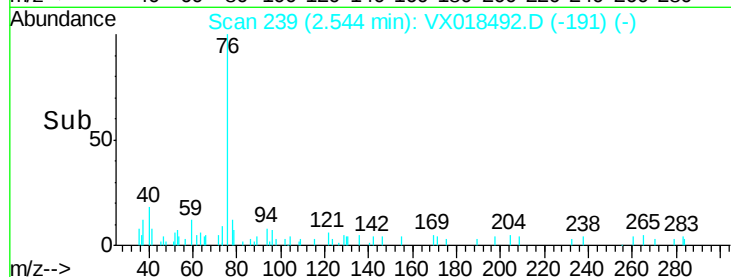
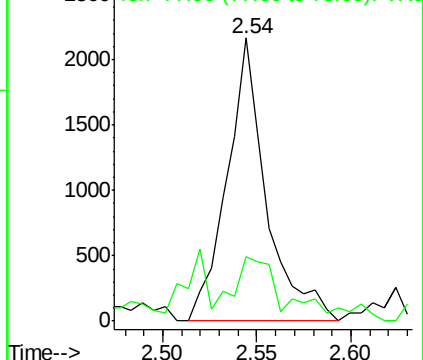
76 100

78 18.1 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.329 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018492.D

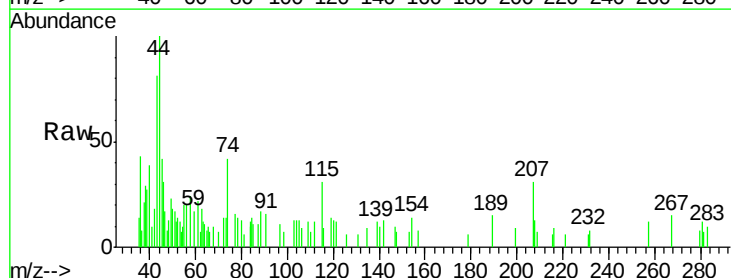
Acq: 18 Sep 2020 15:09

Tgt Ion: 43 Resp: 1885

Ion Ratio Lower Upper

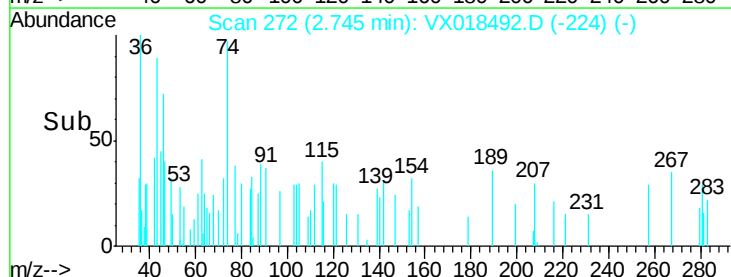
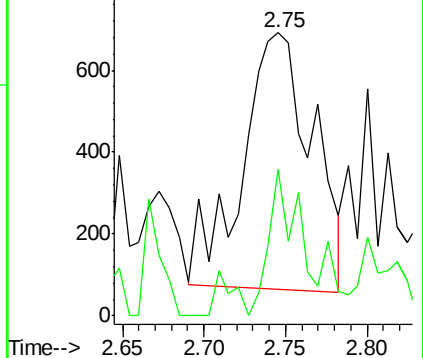
43 100

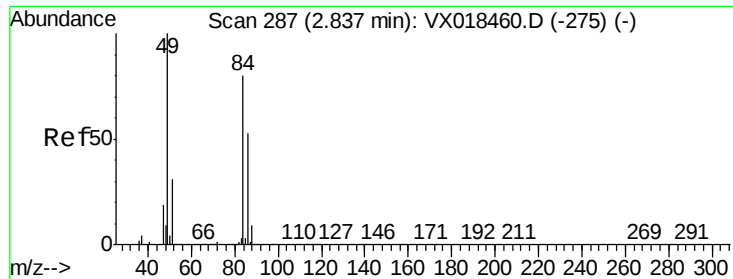
74 24.2 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

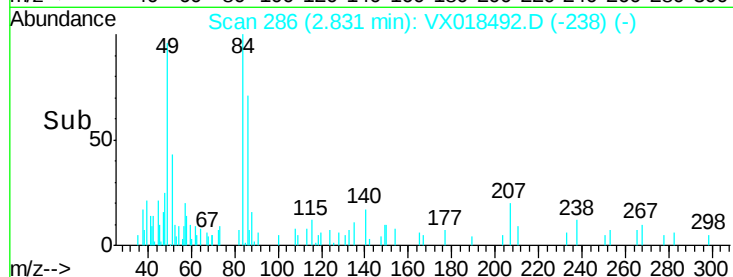
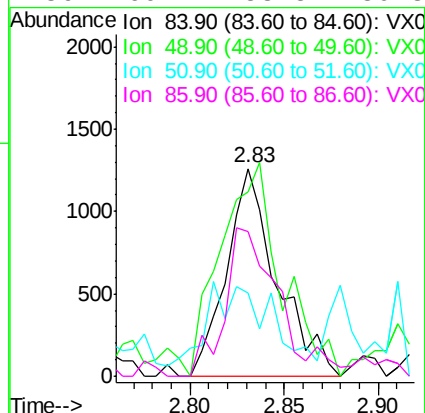
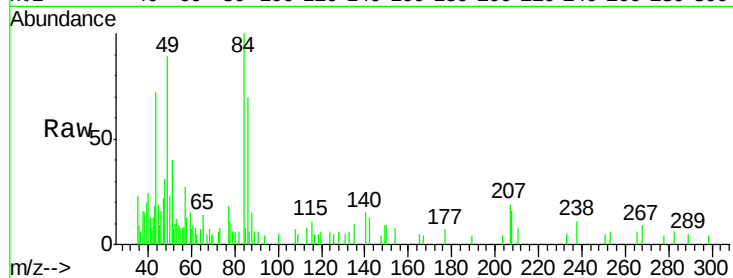




#20
Methylene Chloride
Concen: 0.456 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018492.D
Acq: 18 Sep 2020 15:09

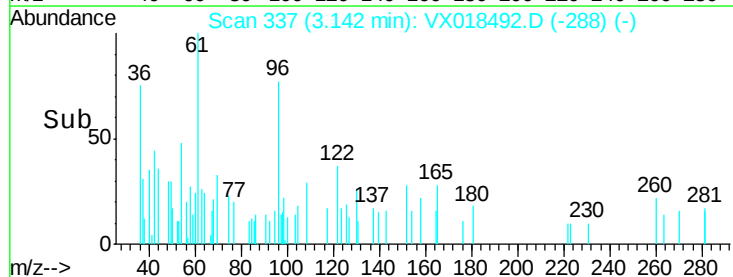
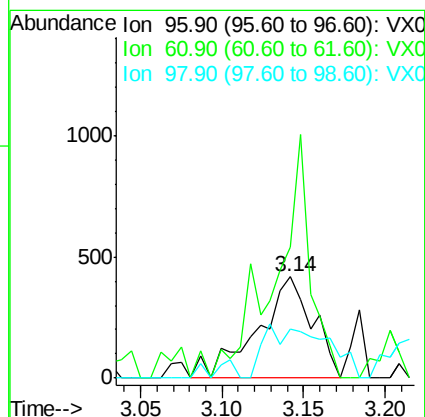
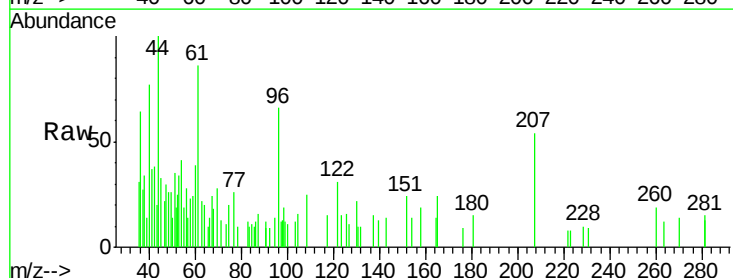
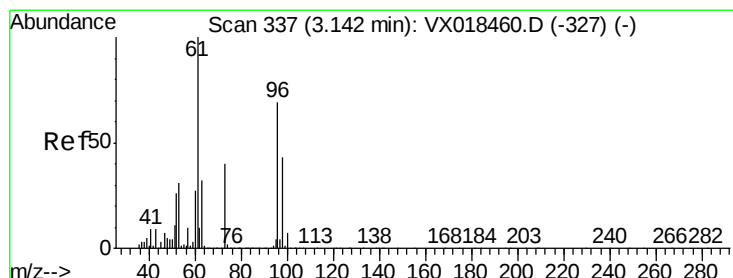
Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0MEDL

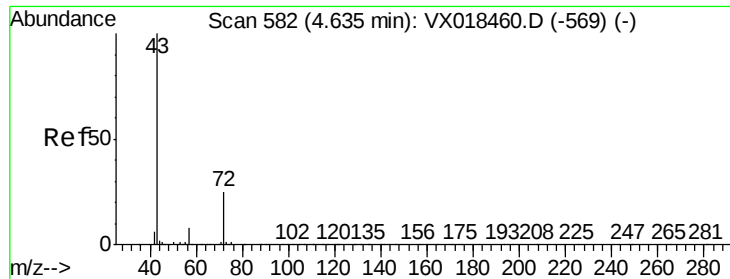
Tgt Ion:	84	Resp:	2329
Ion	Ratio	Lower	Upper
84	100		
49	88.6	100.6	151.0#
51	26.1	30.9	46.3#
86	69.7	53.5	80.3



#21
trans-1,2-Dichloroethene
Concen: 0.205 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018492.D
Acq: 18 Sep 2020 15:09

Tgt Ion:	96	Resp:	986
Ion	Ratio	Lower	Upper
96	100		
61	129.2	115.6	173.4
98	47.8	50.2	75.4#





#25

2-Butanone

Concen: 0.711 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

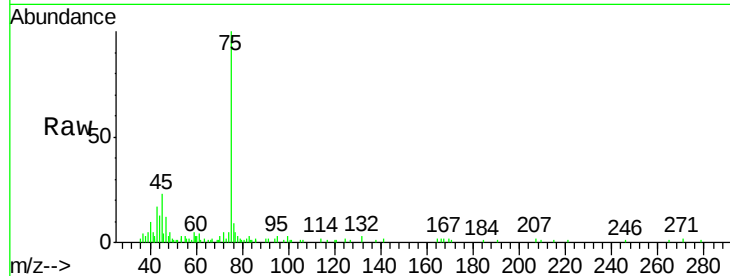
SB-5-16.5-17.0MEDL

Tgt Ion: 43 Resp: 2562

Ion Ratio Lower Upper

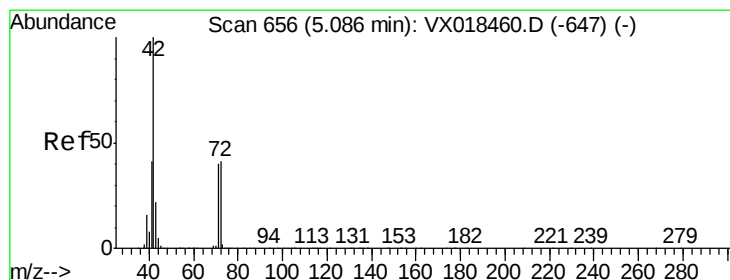
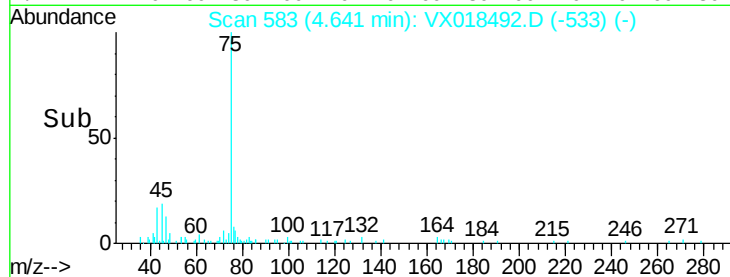
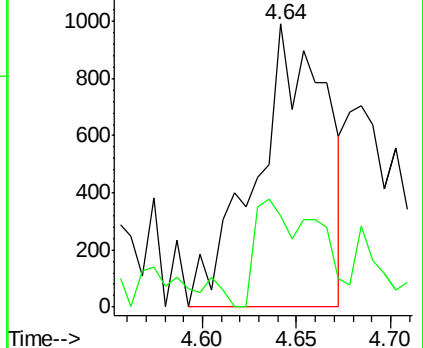
43 100

72 25.8 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 0.469 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

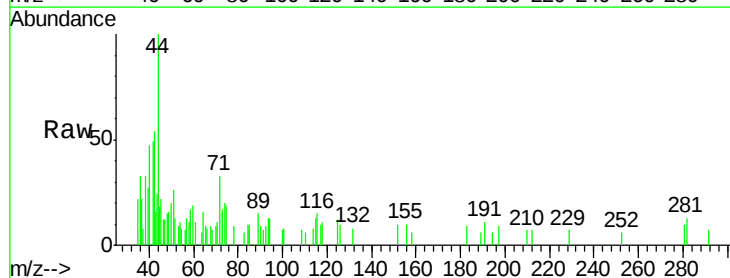
Tgt Ion: 42 Resp: 1064

Ion Ratio Lower Upper

42 100

72 0.0 34.3 51.5#

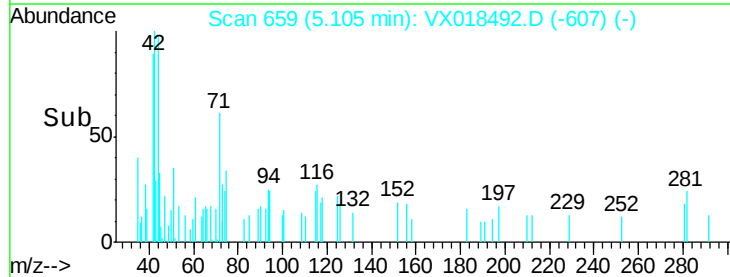
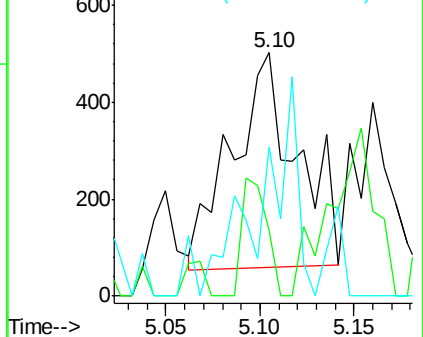
71 54.8 32.1 48.1#

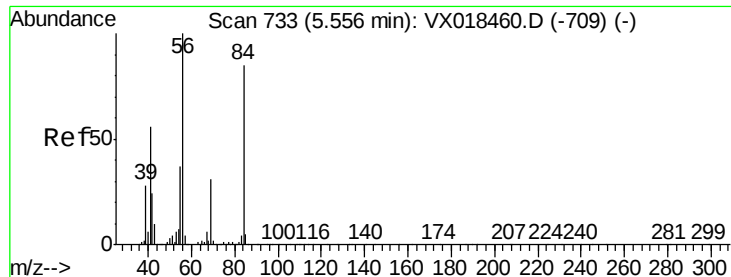


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

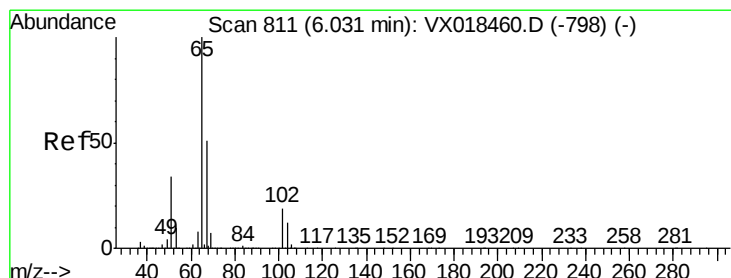
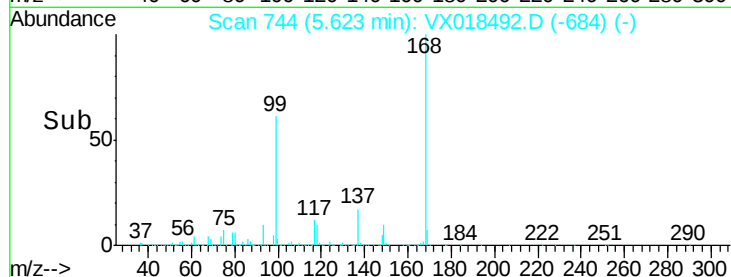
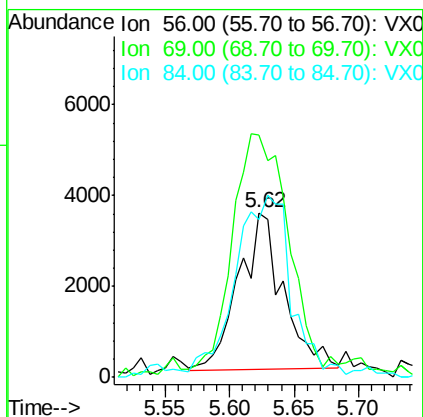
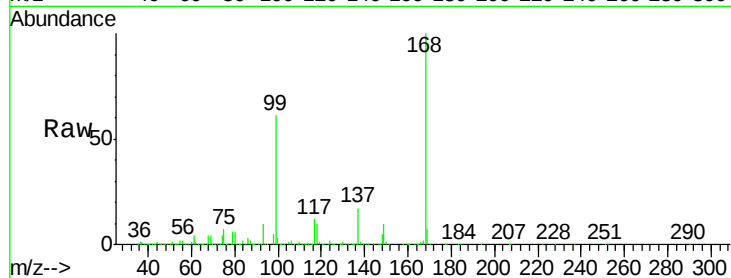




#31
Cyclohexane
Concen: 1.127 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX018492.D
Acq: 18 Sep 2020 15:09

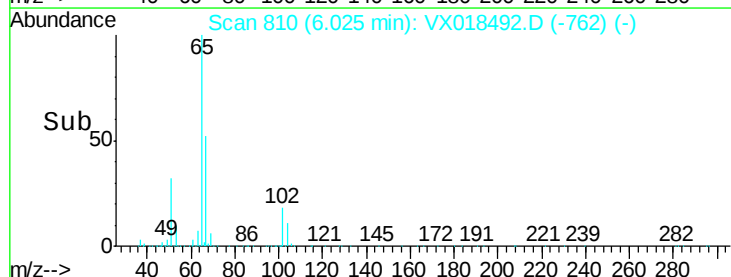
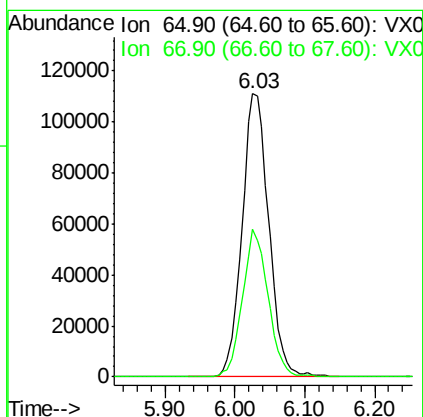
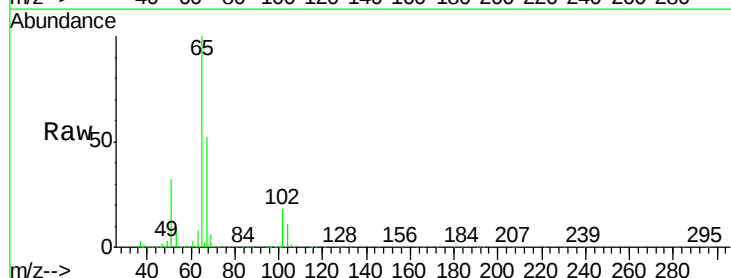
Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0MEDL

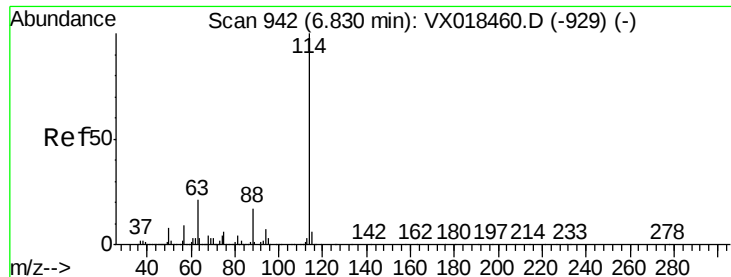
Tgt Ion: 56 Resp: 8245
Ion Ratio Lower Upper
56 100
69 150.4 24.8 37.2#
84 98.2 67.6 101.4



#33
1,2-Dichloroethane-d4
Concen: 48.848 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX018492.D
Acq: 18 Sep 2020 15:09

Tgt Ion: 65 Resp: 295379
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

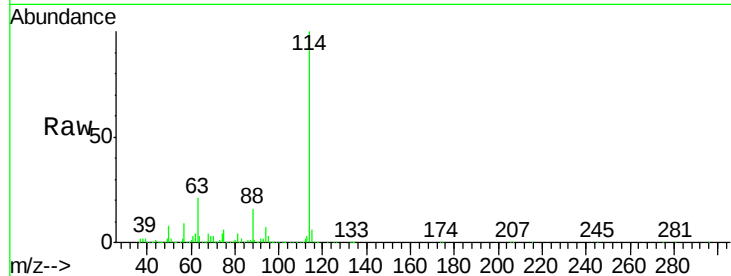
Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0MEDL

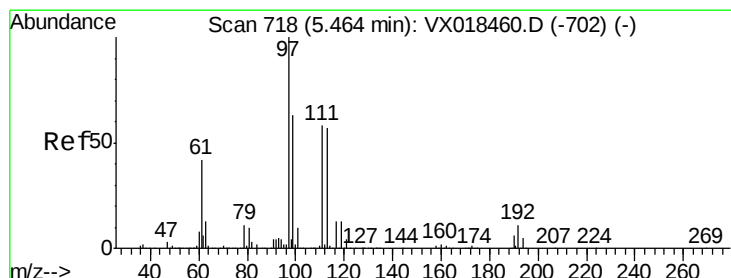
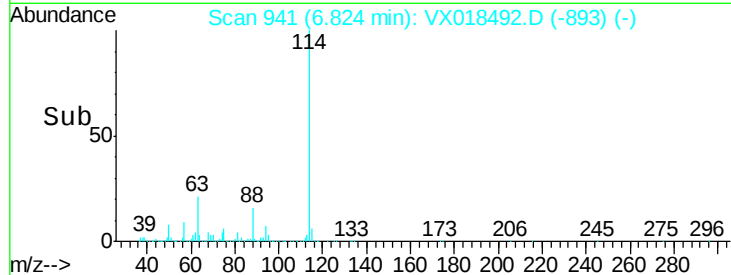
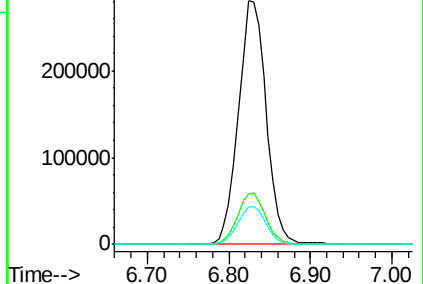
Tgt Ion:	114	Resp:	663645
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.8
88	15.6	0.0	33.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.115 ug/l

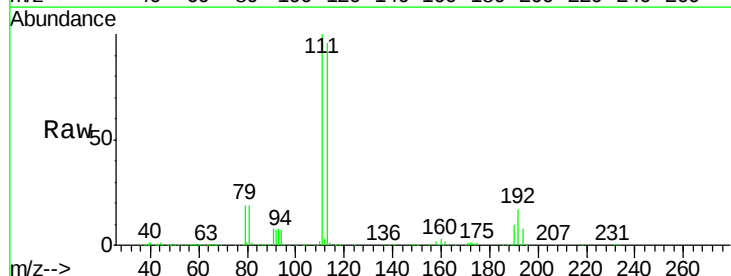
RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

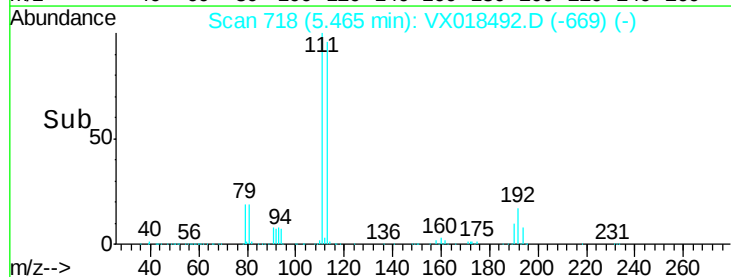
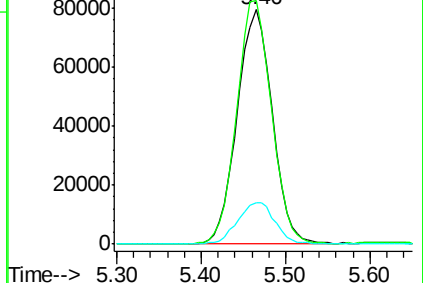
Tgt Ion:	113	Resp:	225336
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.2
192	19.0	16.6	24.8

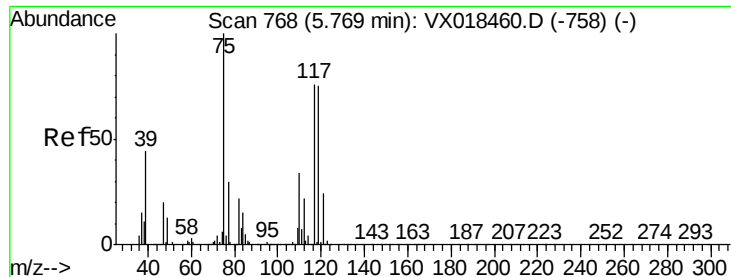


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.195 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0MEDL

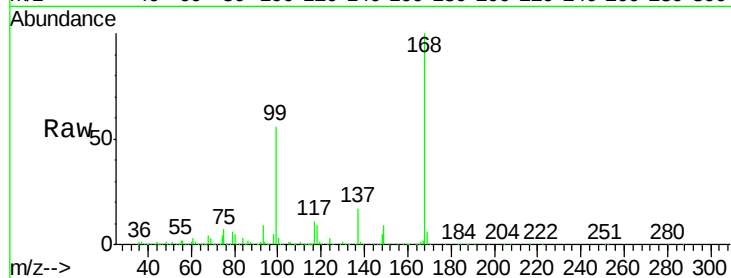
Tgt Ion: 75 Resp: 33466

Ion Ratio Lower Upper

75 100

110 11.6 17.6 52.8#

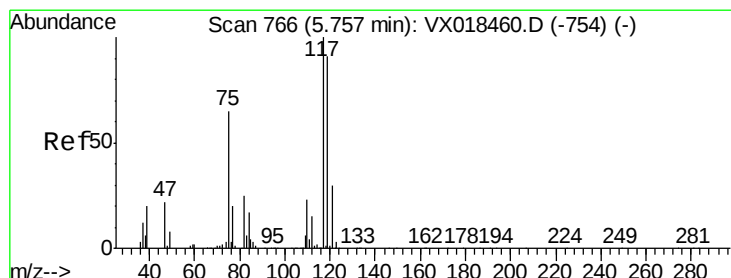
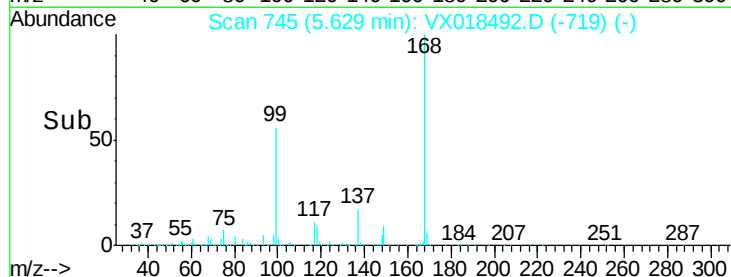
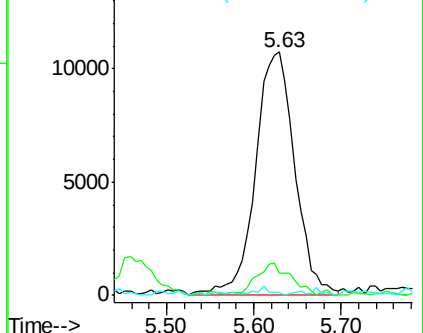
77 1.3 25.0 37.6#



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



#38

Carbon Tetrachloride

Concen: 6.445 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

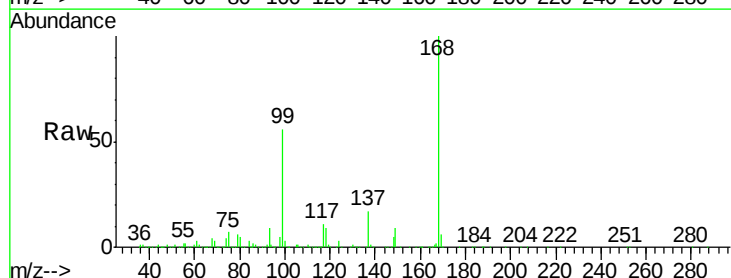
Tgt Ion: 117 Resp: 45979

Ion Ratio Lower Upper

117 100

119 4.9 72.3 108.5#

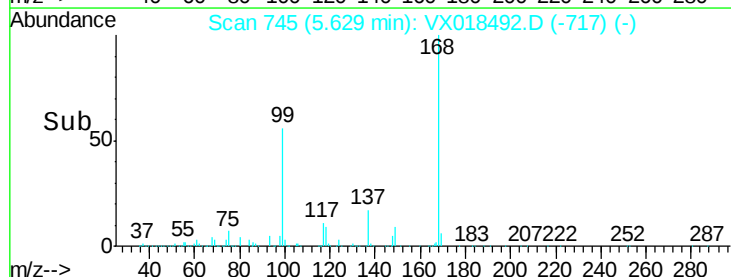
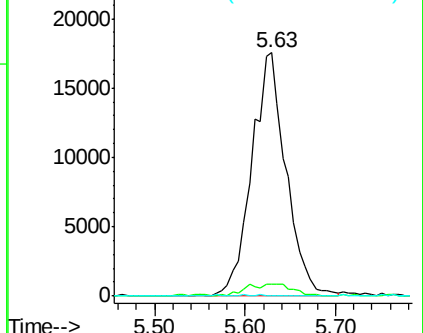
121 0.0 23.8 35.8#

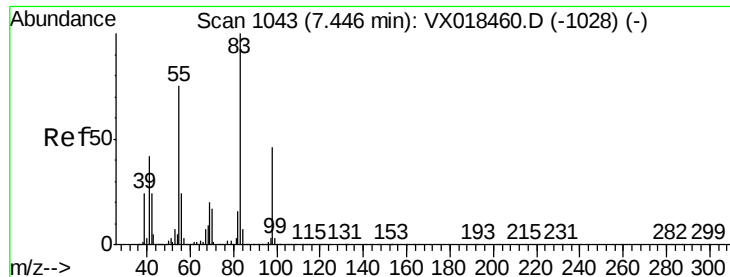


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 0.720 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

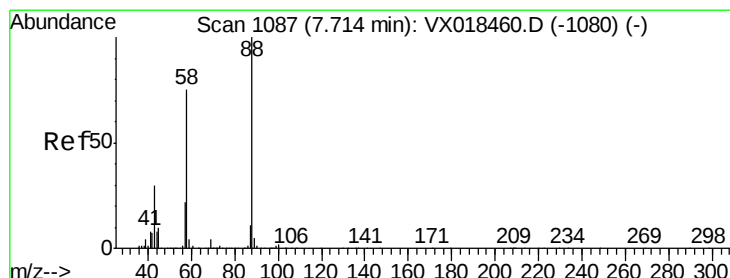
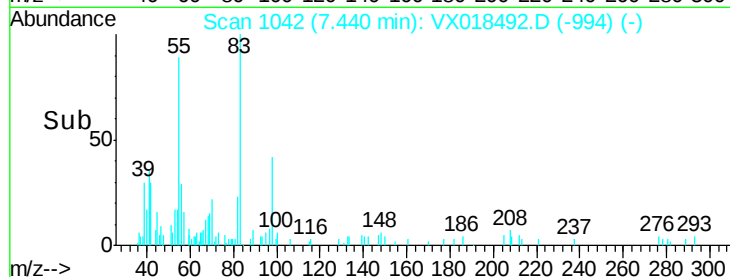
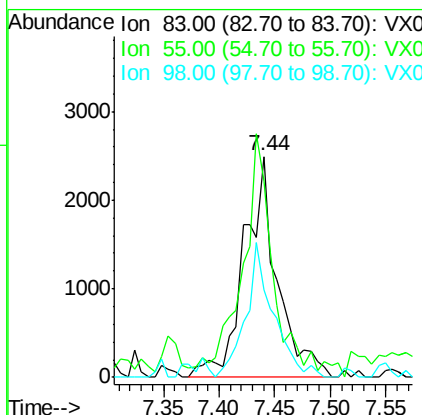
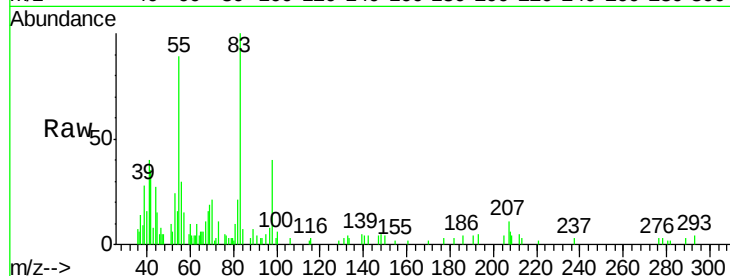
Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0MEDL

Tgt Ion:	83	Resp:	5207
Ion	Ratio	Lower	Upper
83	100		
55	84.9	60.2	90.4
98	39.8	36.4	54.6



#49

1,4-Dioxane

Concen: 0.850 ug/l

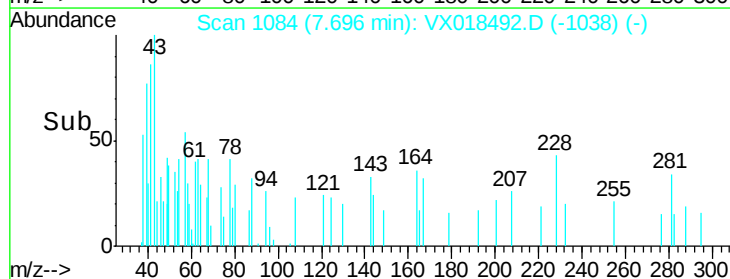
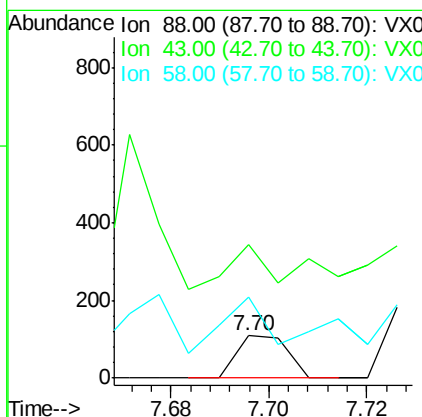
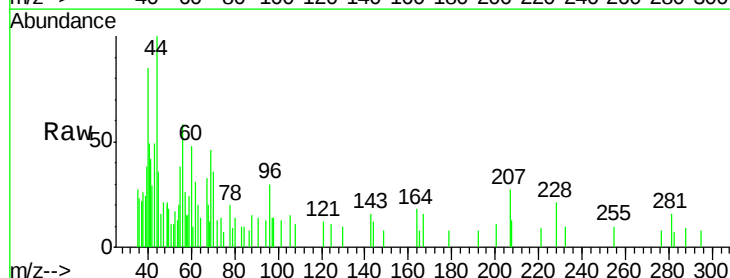
RT: 7.70 min Scan# 1084

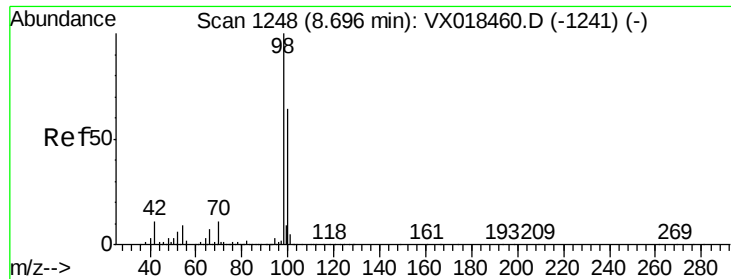
Delta R.T. -0.02 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

Tgt Ion:	88	Resp:	78
Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.9	44.9#
58	141.0	59.0	88.6#





#50

Toluene-d8

Concen: 49.294 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

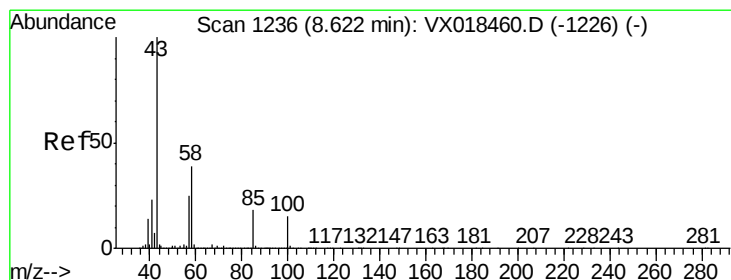
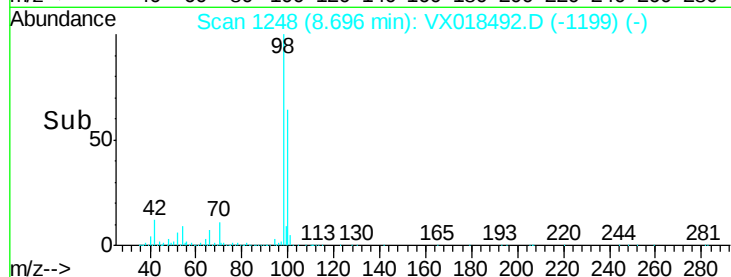
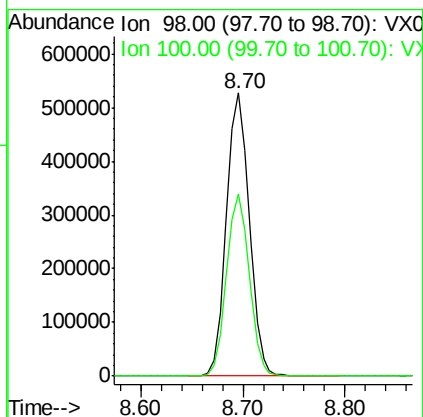
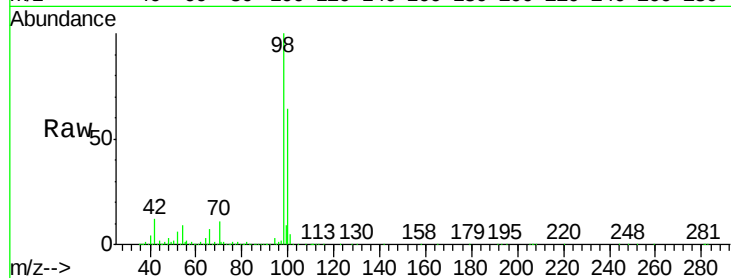
SB-5-16.5-17.0MEDL

Tgt Ion: 98 Resp: 821698

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 0.509 ug/l

RT: 8.65 min Scan# 1241

Delta R.T. 0.03 min

Lab File: VX018492.D

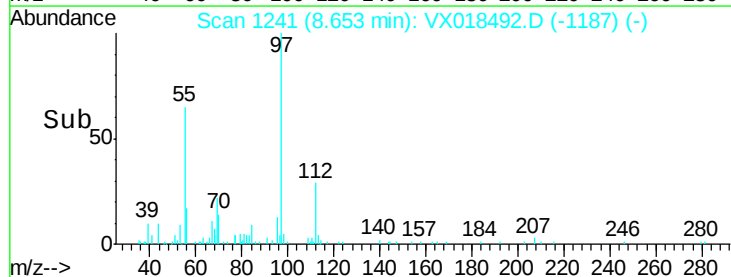
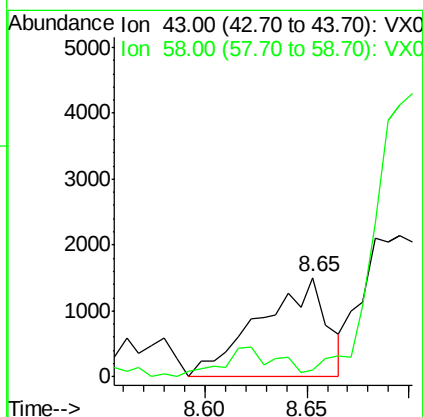
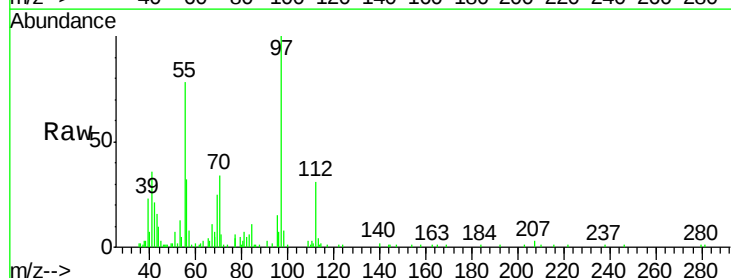
Acq: 18 Sep 2020 15:09

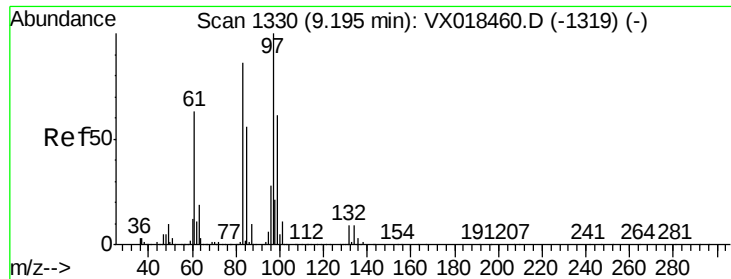
Tgt Ion: 43 Resp: 3460

Ion Ratio Lower Upper

43 100

58 0.0 30.9 46.3#

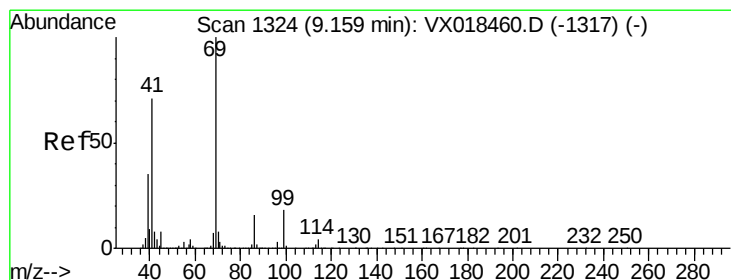
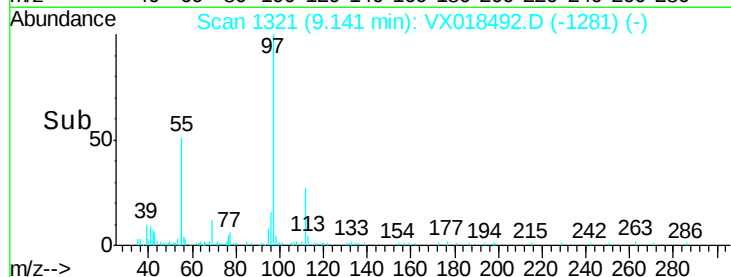
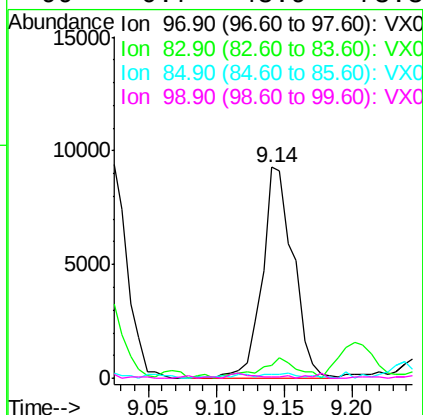
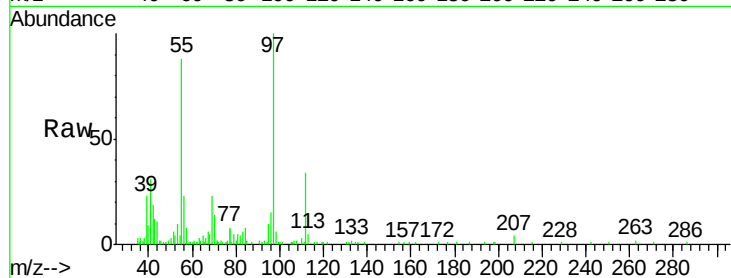




#55
 1,1,2-Trichloroethane
 Concen: 3.098 ug/l
 RT: 9.14 min Scan# 1321
 Delta R.T. -0.05 min
 Lab File: VX018492.D
 Acq: 18 Sep 2020 15:09

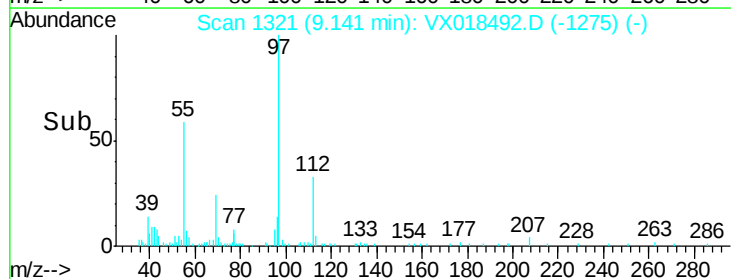
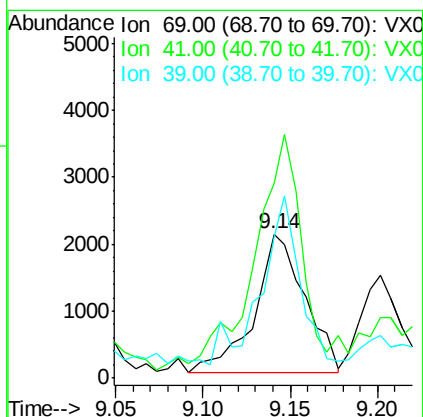
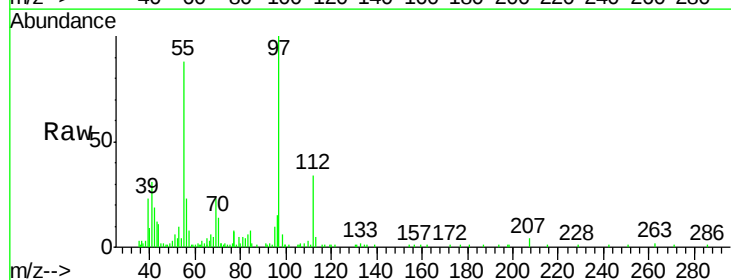
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5-16.5-17.0MEDL

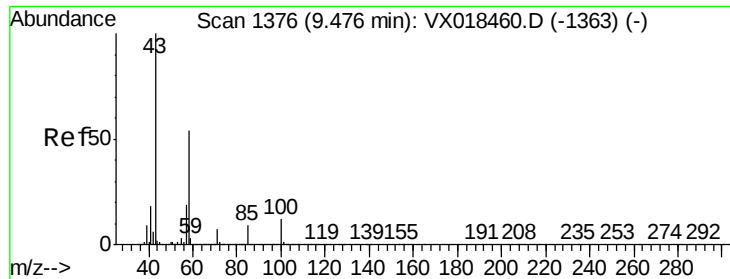
Tgt Ion:	97	Resp:	14932
Ion	Ratio	Lower	Upper
97	100		
83	6.2	68.5	102.7#
85	1.6	44.8	67.2#
99	0.7	48.9	73.3#



#56
 Ethyl methacrylate
 Concen: 0.585 ug/l
 RT: 9.14 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: VX018492.D
 Acq: 18 Sep 2020 15:09

Tgt Ion:	69	Resp:	4180
Ion	Ratio	Lower	Upper
69	100		
41	158.4	54.6	81.8#
39	91.3	29.3	43.9#

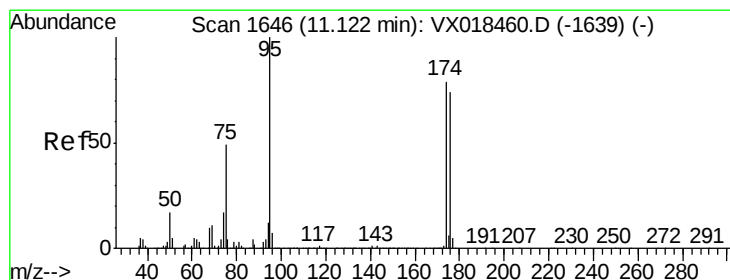
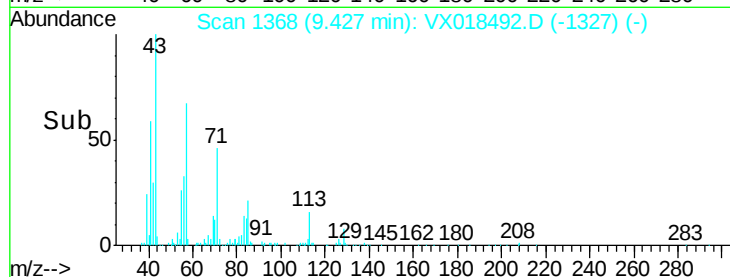
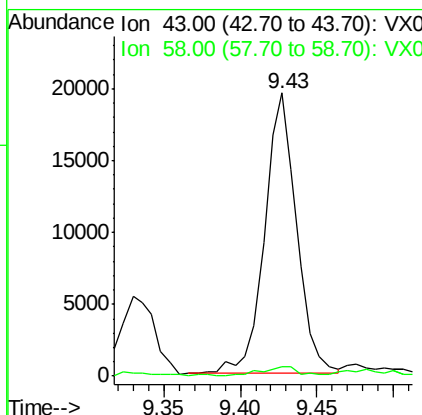
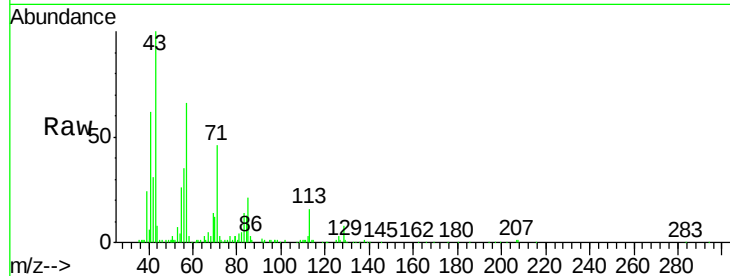




#59
2-Hexanone
Concen: 5.484 ug/l
RT: 9.43 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VX018492.D
Acq: 18 Sep 2020 15:09

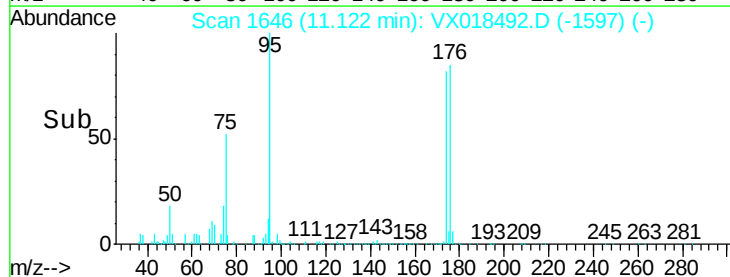
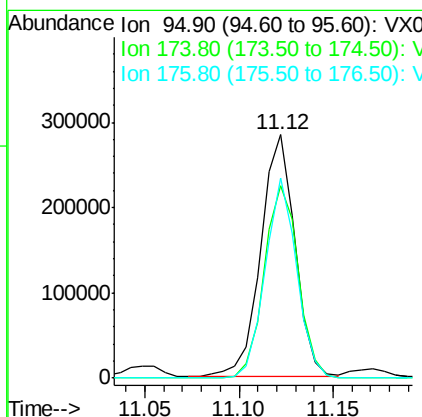
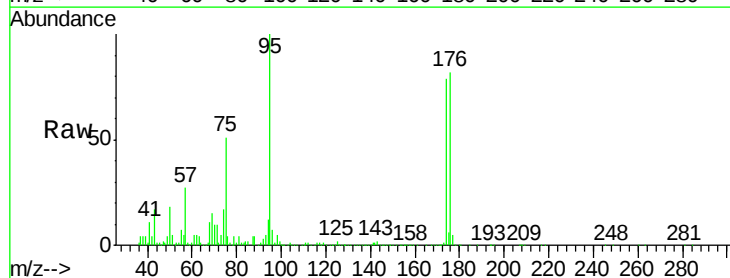
Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0MEDL

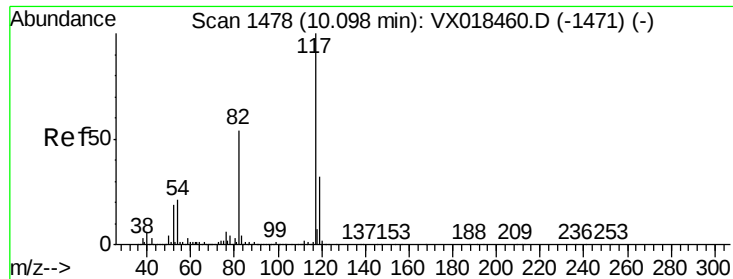
Tgt Ion: 43 Resp: 28349
Ion Ratio Lower Upper
43 100
58 4.1 26.5 79.4#



#62
4-Bromofluorobenzene
Concen: 53.993 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018492.D
Acq: 18 Sep 2020 15:09

Tgt Ion: 95 Resp: 358011
Ion Ratio Lower Upper
95 100
174 79.2 0.0 161.4
176 76.0 0.0 151.4

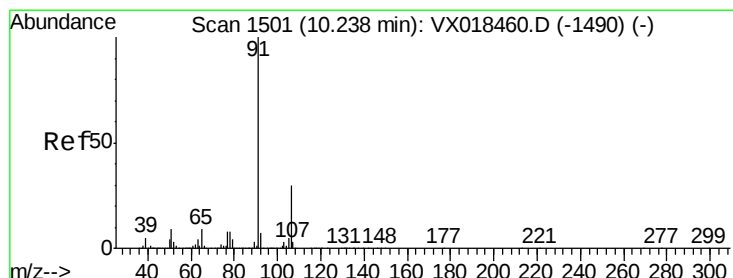
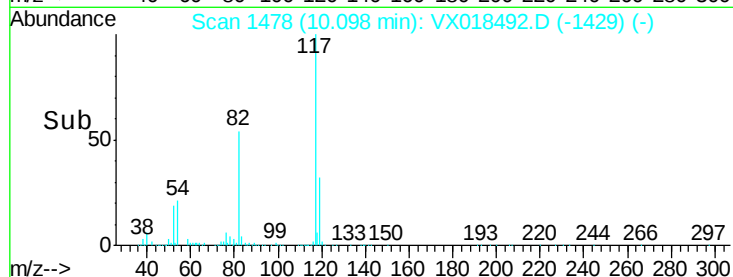
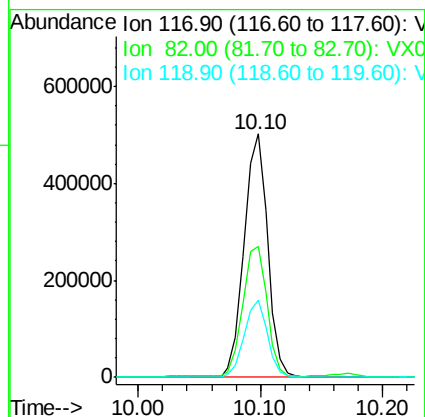
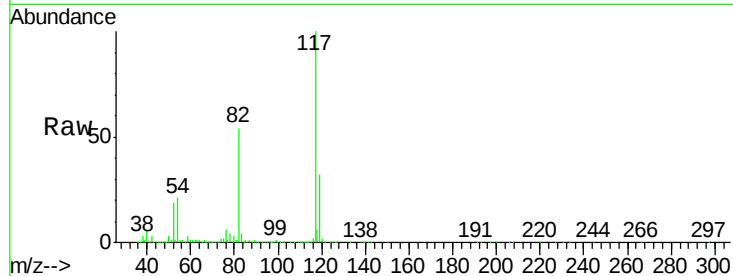




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018492.D
Acq: 18 Sep 2020 15:09

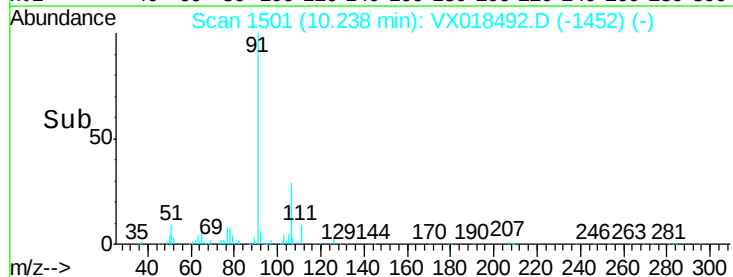
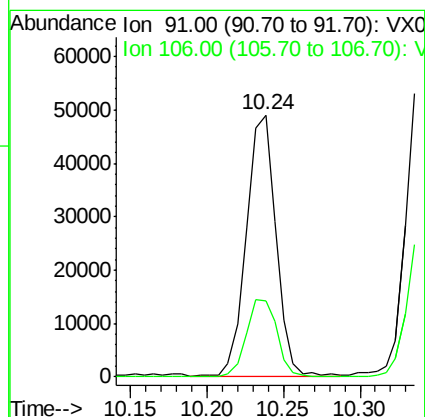
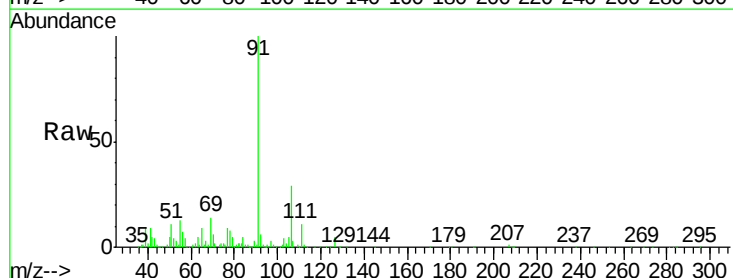
Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0MEDL

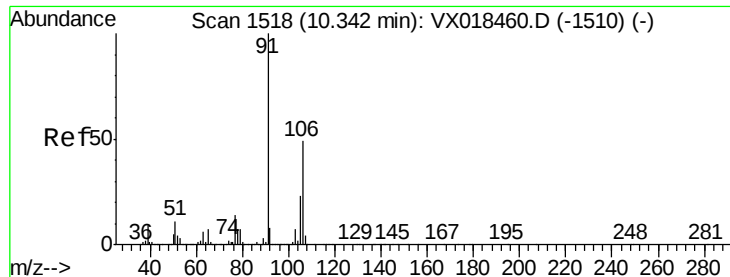
Tgt Ion: 117 Resp: 669455
Ion Ratio Lower Upper
117 100
82 53.1 43.3 64.9
119 31.9 25.9 38.9



#67
Ethyl Benzene
Concen: 2.745 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018492.D
Acq: 18 Sep 2020 15:09

Tgt Ion: 91 Resp: 65487
Ion Ratio Lower Upper
91 100
106 29.1 24.1 36.1





#68

m/p-Xylenes

Concen: 5.171 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

Instrument:

MSVOA_X

ClientSampleId:

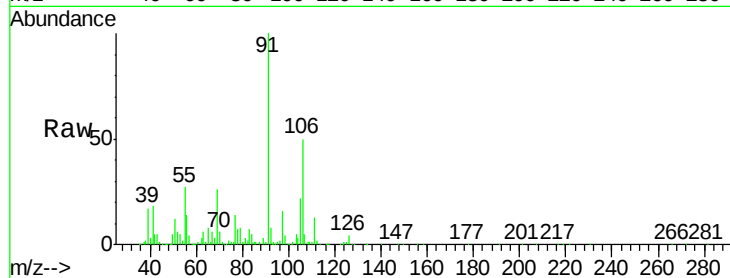
SB-5-16.5-17.0MEDL

Tgt Ion:106 Resp: 46672

Ion Ratio Lower Upper

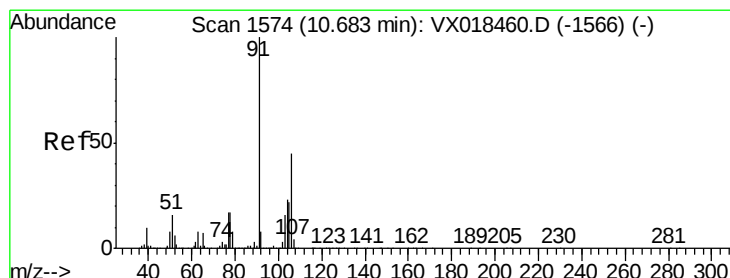
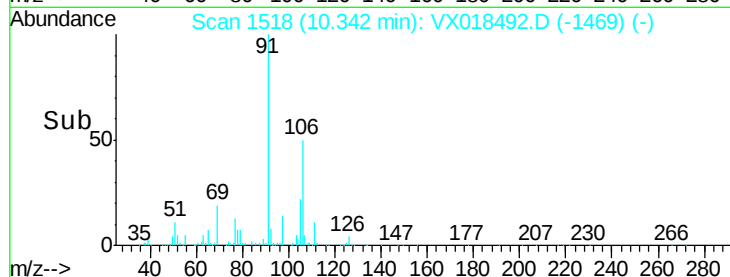
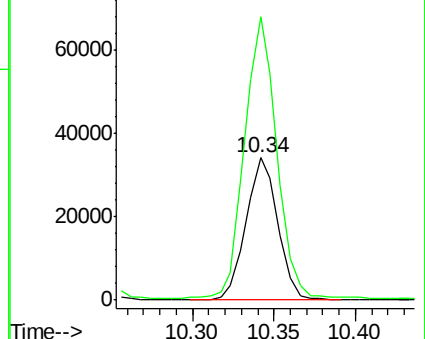
106 100

91 201.5 163.8 245.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.505 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018492.D

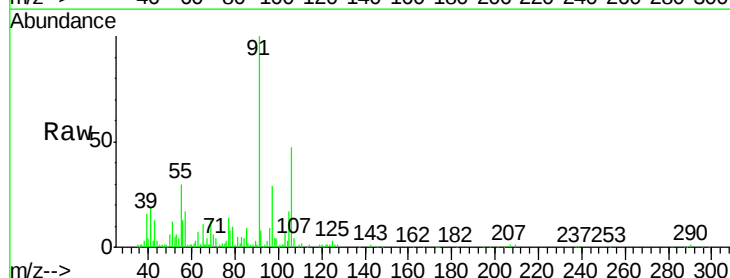
Acq: 18 Sep 2020 15:09

Tgt Ion:106 Resp: 12867

Ion Ratio Lower Upper

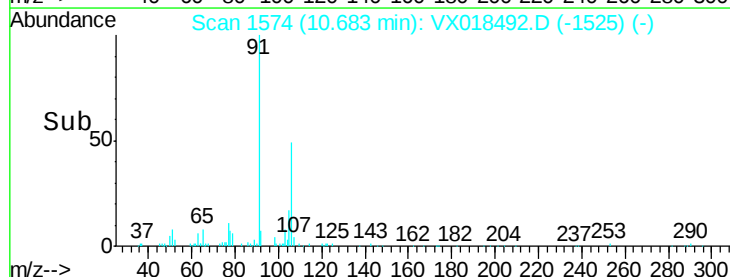
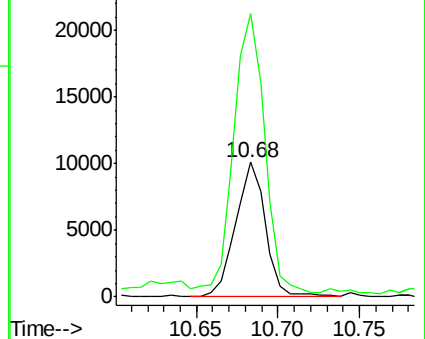
106 100

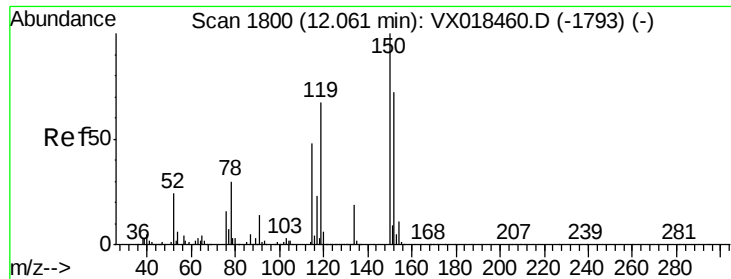
91 215.6 109.7 329.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0MEDL

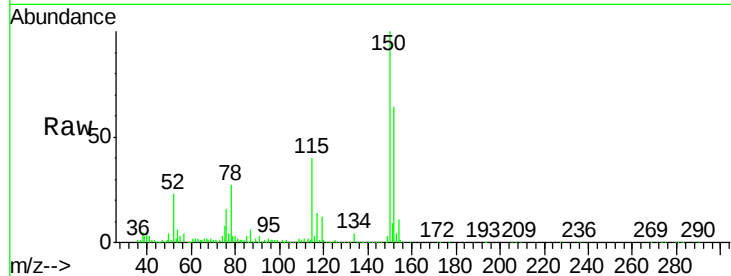
Tgt Ion:152 Resp: 359215

Ion Ratio Lower Upper

152 100

115 65.0 41.8 125.4

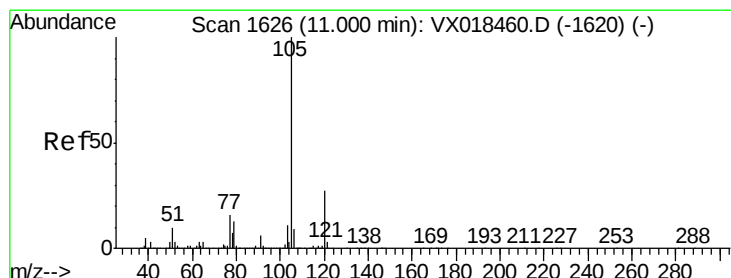
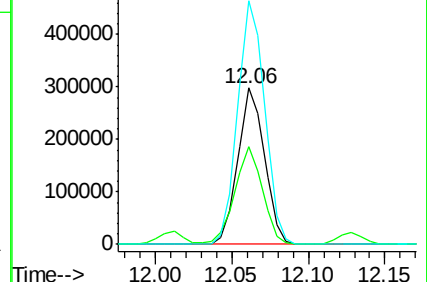
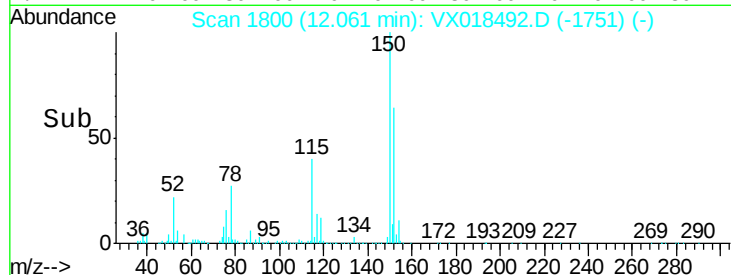
150 158.2 0.0 342.4



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: 4.236 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018492.D

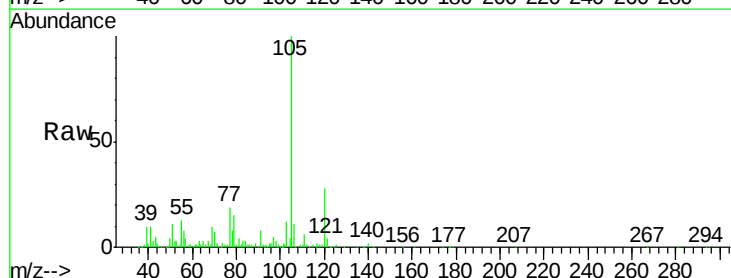
Acq: 18 Sep 2020 15:09

Tgt Ion:105 Resp: 101652

Ion Ratio Lower Upper

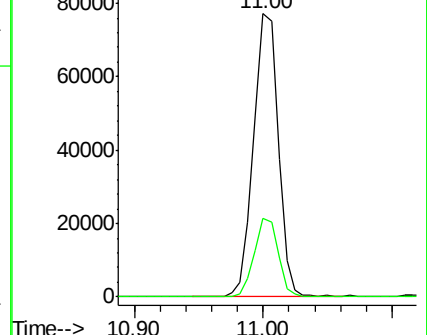
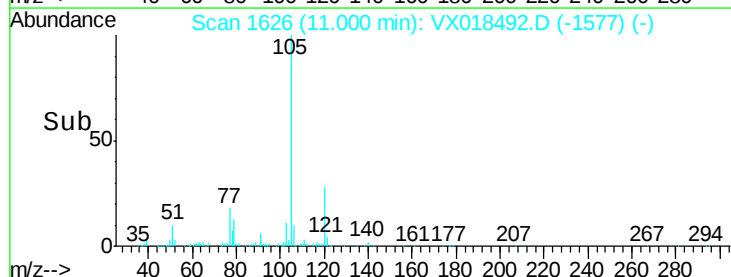
105 100

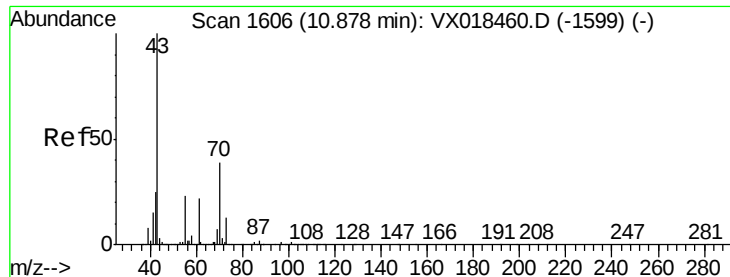
120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 4.011 ug/l

RT: 10.89 min Scan# 1608

Delta R.T. 0.01 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0MEDL

Tgt Ion: 43 Resp: 43330

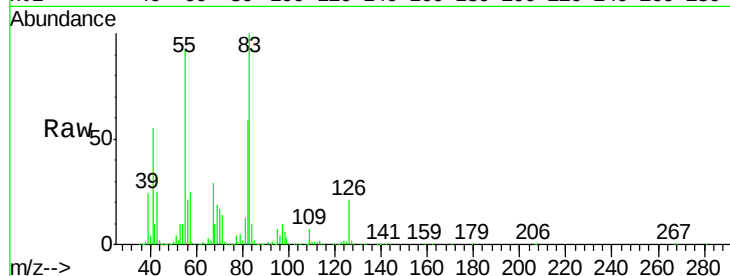
Ion Ratio Lower Upper

43 100

70 129.3 32.2 48.4#

55 405.3 18.8 28.2#

61 1.4 19.0 28.4#

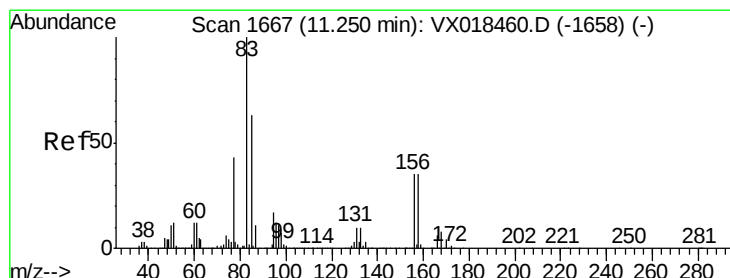
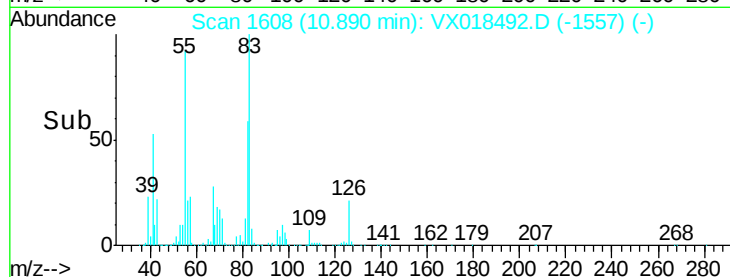
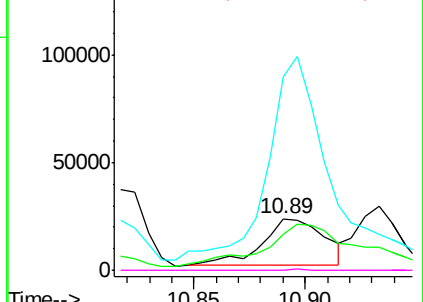


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 4.582 ug/l

RT: 11.26 min Scan# 1669

Delta R.T. 0.01 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

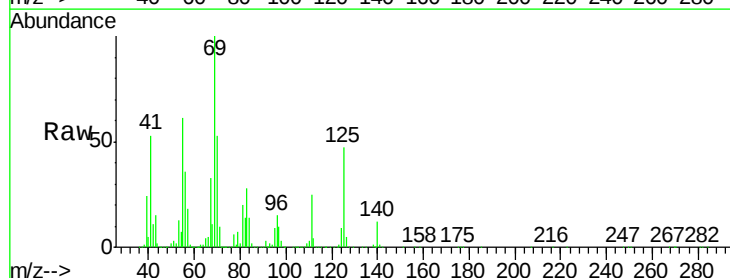
Tgt Ion: 83 Resp: 36393

Ion Ratio Lower Upper

83 100

131 0.1 5.1 15.4#

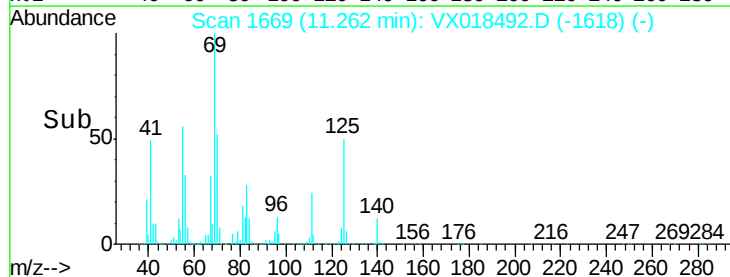
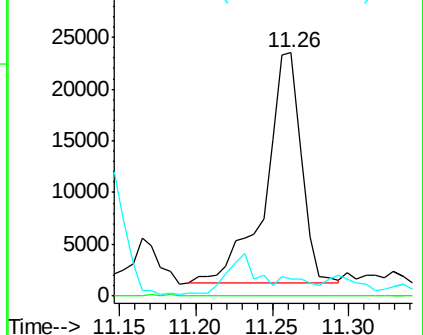
85 0.0 31.8 95.4#

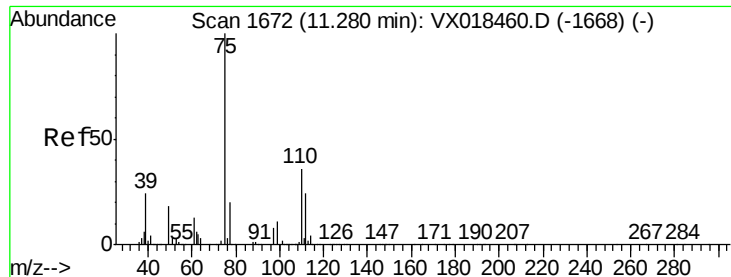


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 1.004 ug/l

RT: 11.43 min Scan# 1697

Delta R.T. 0.15 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

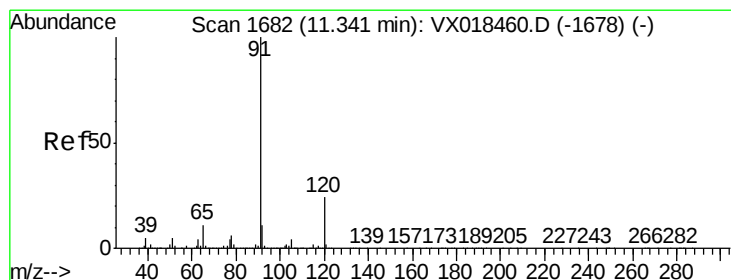
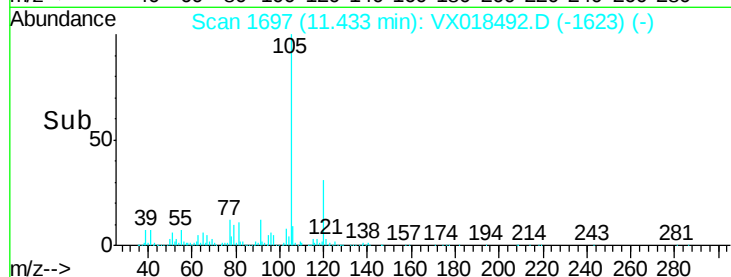
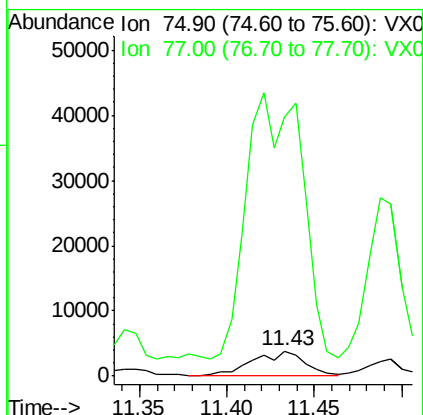
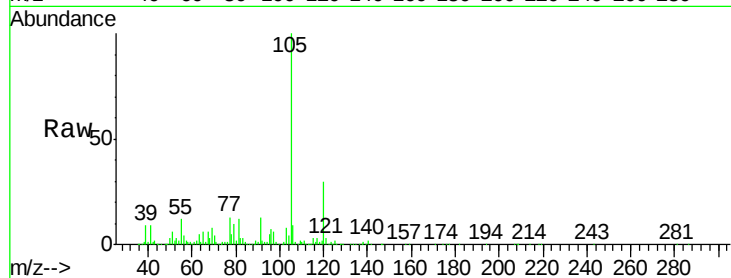
SB-5-16.5-17.0MEDL

Tgt Ion: 75 Resp: 7577

Ion Ratio Lower Upper

75 100

77 1279.1 20.9 62.7#



#78

n-propylbenzene

Concen: 7.112 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018492.D

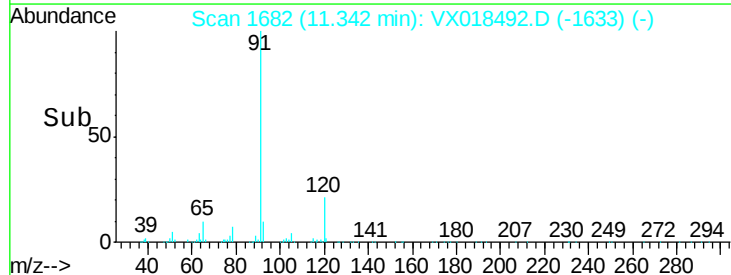
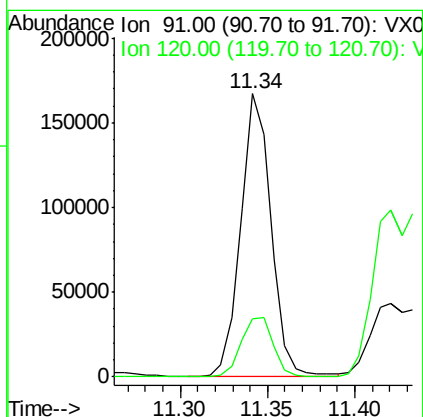
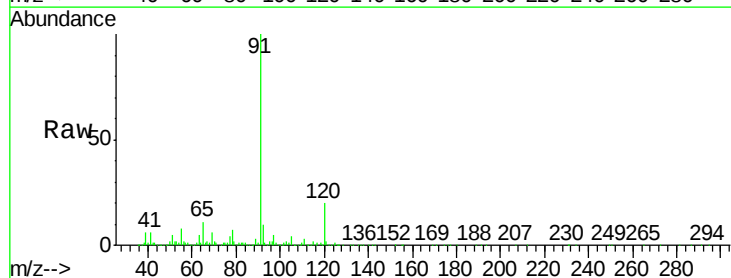
Acq: 18 Sep 2020 15:09

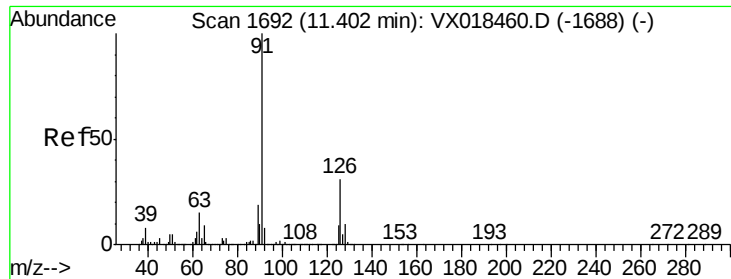
Tgt Ion: 91 Resp: 199766

Ion Ratio Lower Upper

91 100

120 22.4 11.8 35.3

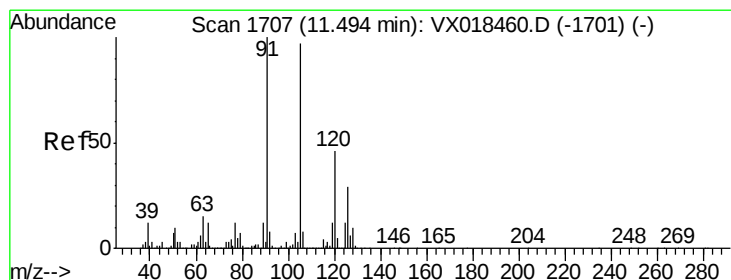
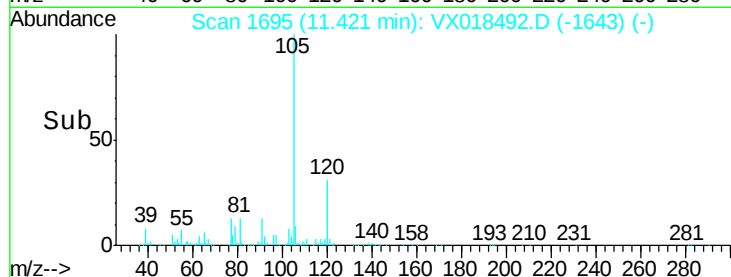
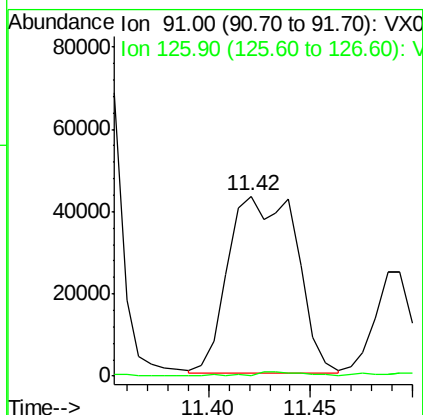
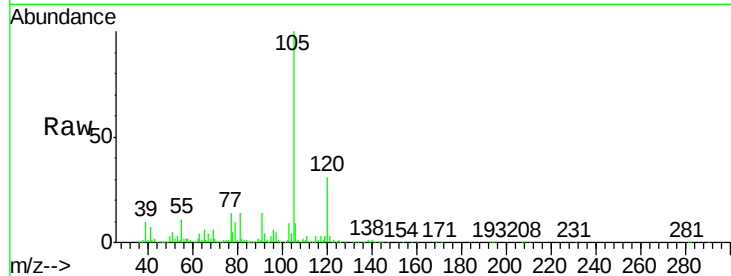




#79
 2-Chlorotoluene
 Concen: 5.894 ug/l
 RT: 11.42 min Scan# 1695
 Delta R.T. 0.02 min
 Lab File: VX018492.D
 Acq: 18 Sep 2020 15:09

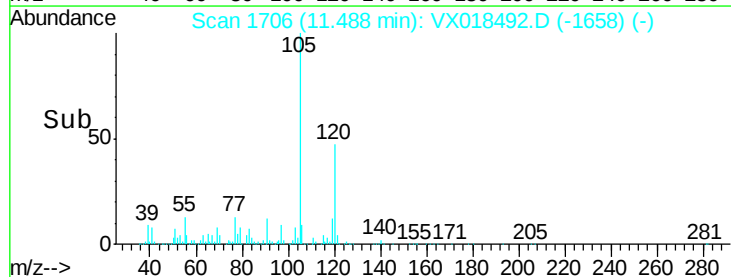
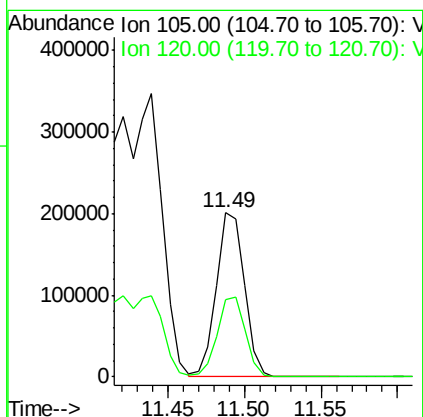
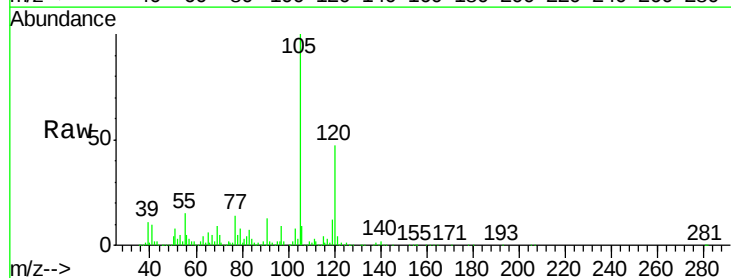
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5-16.5-17.0MEDL

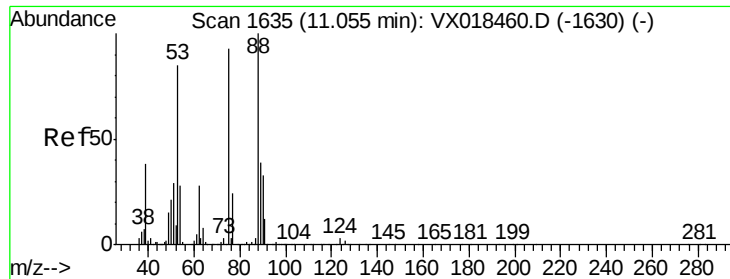
Tgt Ion: 91 Resp: 100216
 Ion Ratio Lower Upper
 91 100
 126 1.1 16.6 49.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 12.468 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018492.D
 Acq: 18 Sep 2020 15:09

Tgt Ion: 105 Resp: 255880
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.6 71.0

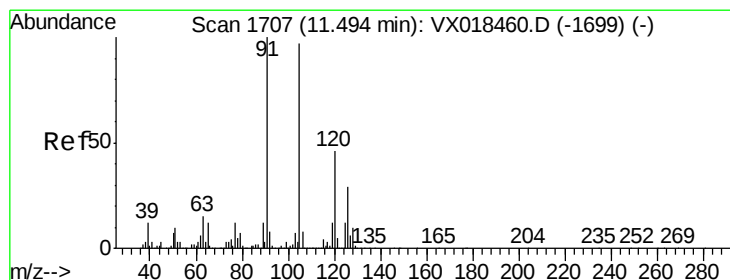
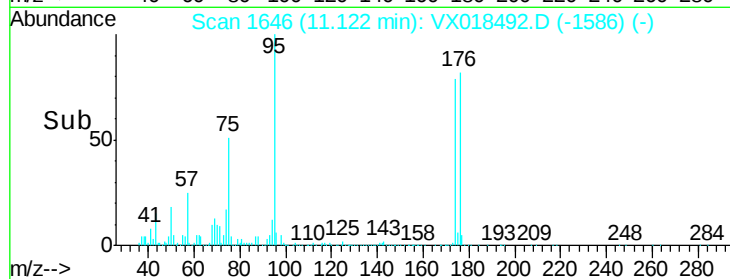
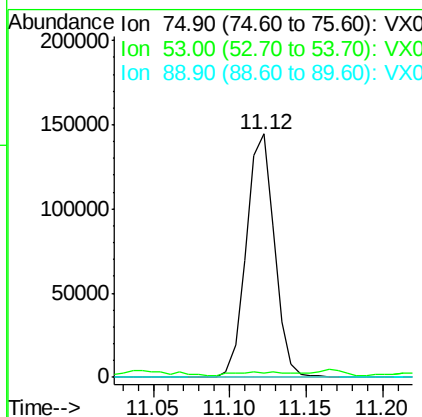
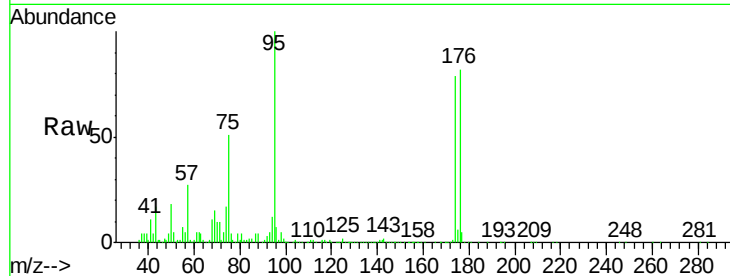




#81
trans-1,4-Dichloro-2-butene
Concen: 62.392 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX018492.D
Acq: 18 Sep 2020 15:09

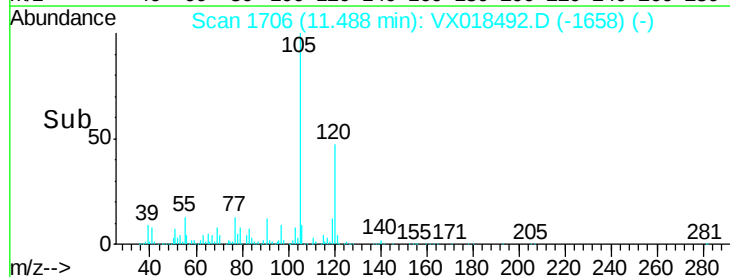
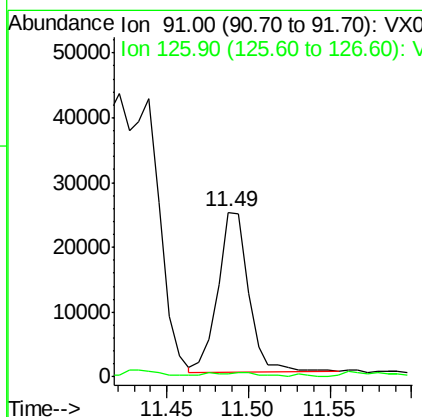
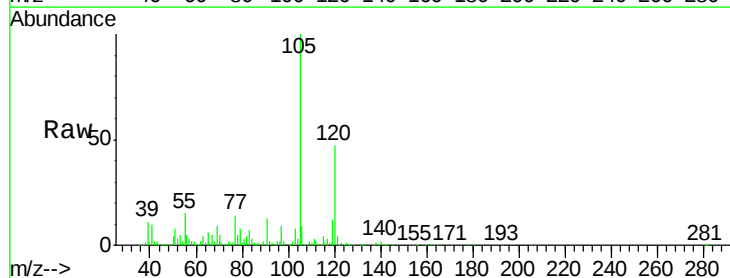
Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0MEDL

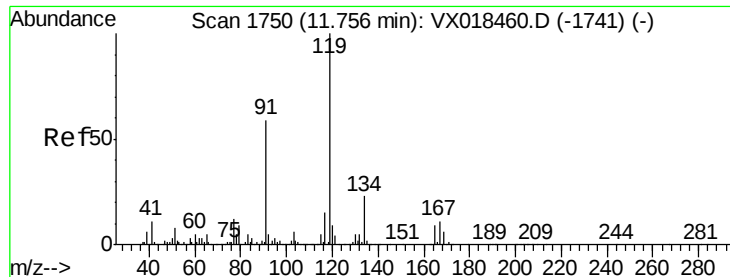
Tgt Ion: 75 Resp: 183796
Ion Ratio Lower Upper
75 100
53 2.5 74.6 111.8#
89 0.0 36.2 54.4#



#82
4-Chlorotoluene
Concen: 1.617 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018492.D
Acq: 18 Sep 2020 15:09

Tgt Ion: 91 Resp: 32690
Ion Ratio Lower Upper
91 100
126 1.4 15.0 45.0#

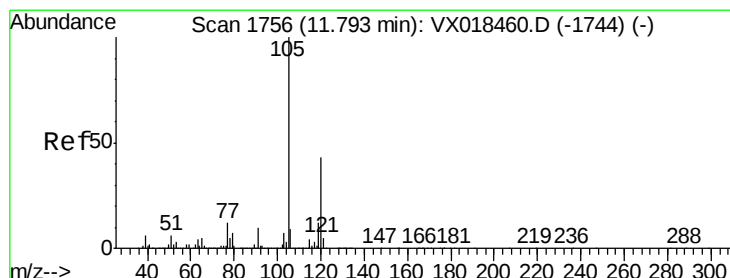
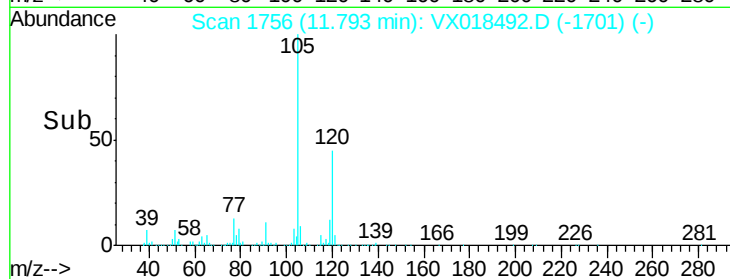
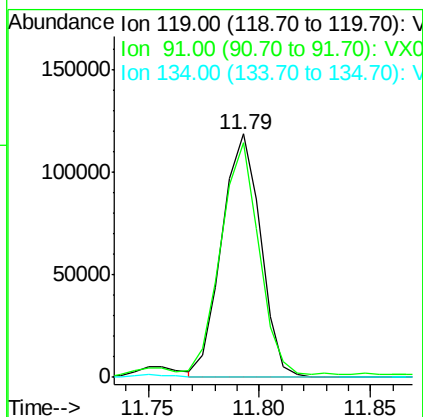
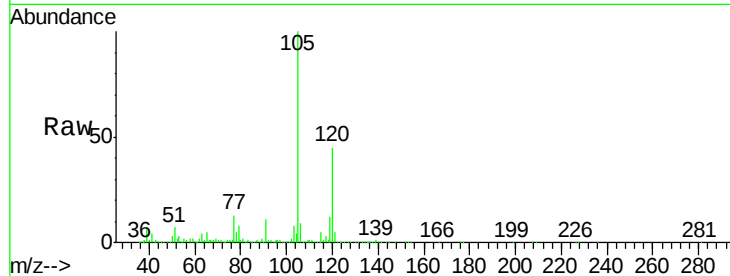




#83
 tert-Butylbenzene
 Concen: 7.169 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.04 min
 Lab File: VX018492.D
 Acq: 18 Sep 2020 15:09

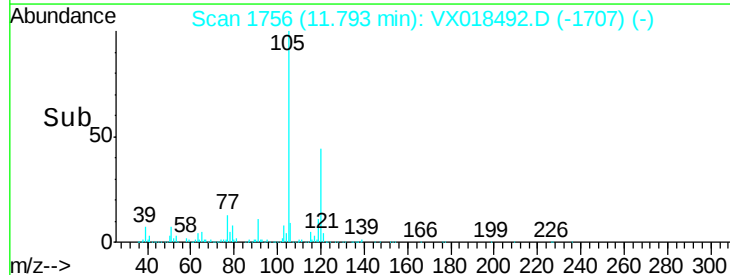
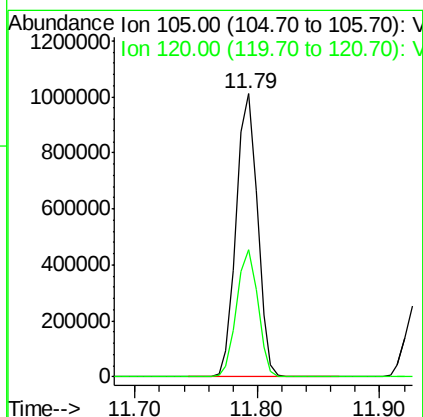
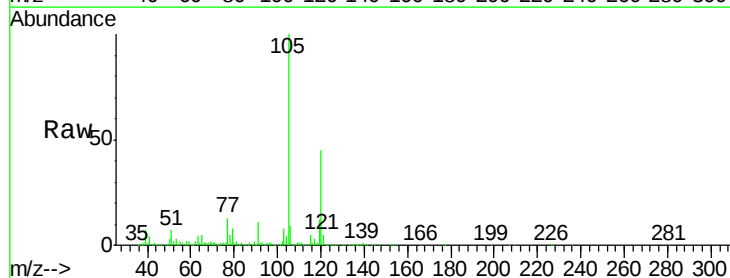
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5-16.5-17.0MEDL

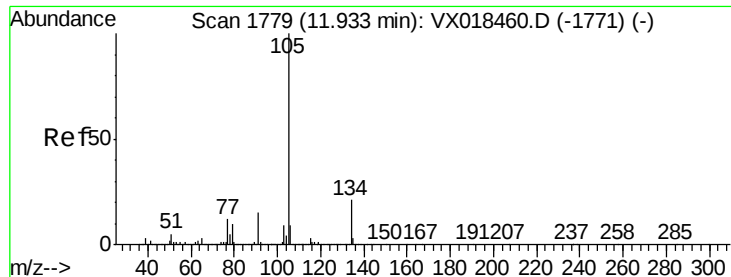
Tgt Ion	Ratio	Lower	Upper
119	100		
91	94.2	28.9	86.7#
134	0.0	11.3	33.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 58.651 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018492.D
 Acq: 18 Sep 2020 15:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	21.6	65.0

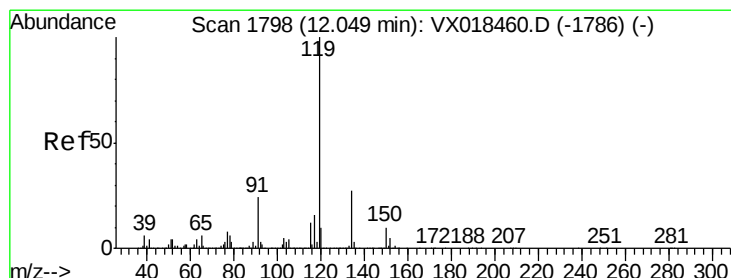
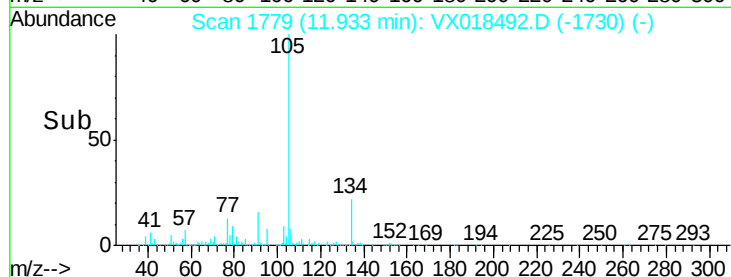
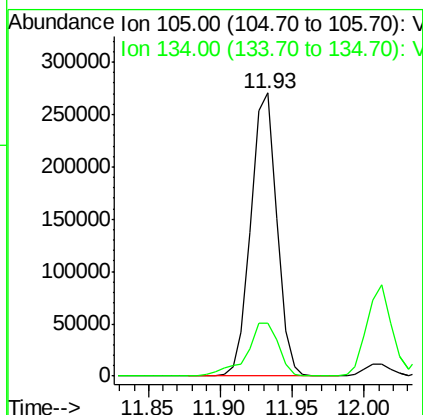
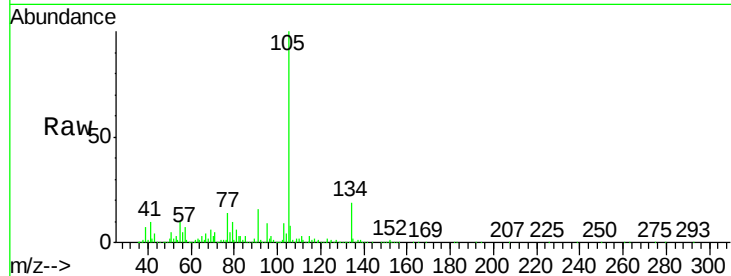




#85
 sec-Butylbenzene
 Concen: 14.222 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018492.D
 Acq: 18 Sep 2020 15:09

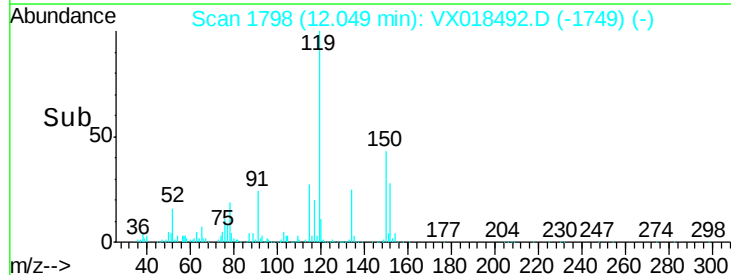
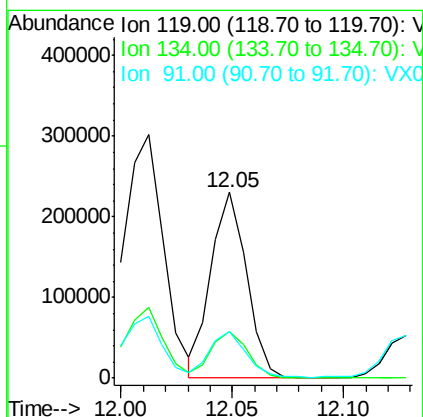
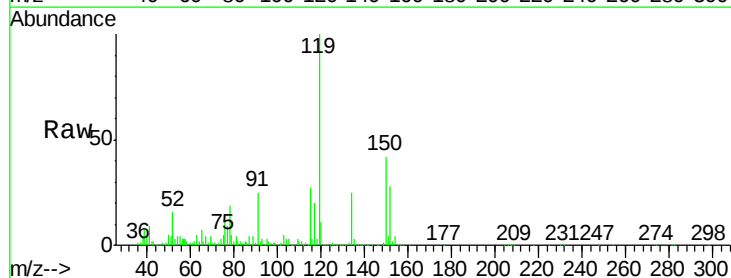
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5-16.5-17.0MEDL

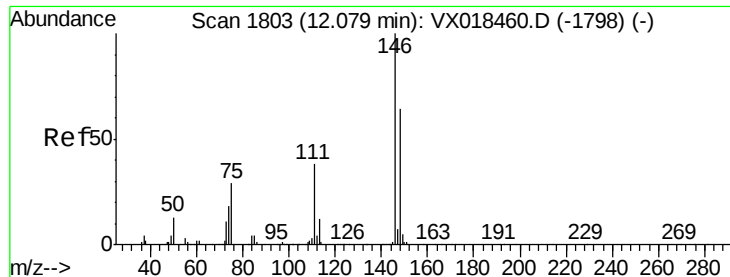
Tgt Ion:105 Resp: 334374
 Ion Ratio Lower Upper
 105 100
 134 23.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 11.787 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018492.D
 Acq: 18 Sep 2020 15:09

Tgt Ion:119 Resp: 254686
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 24.9 11.9 35.9

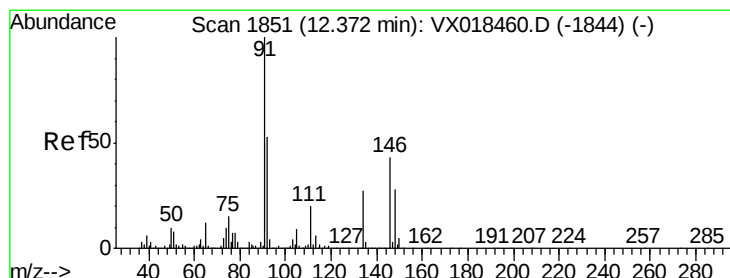
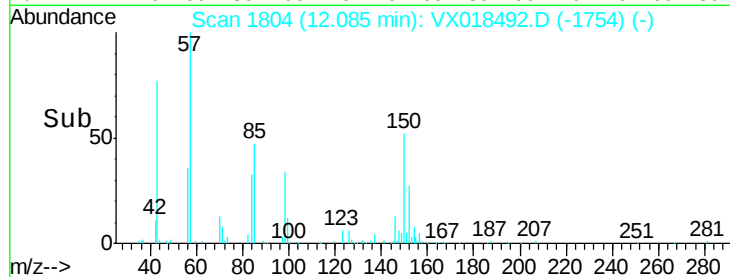
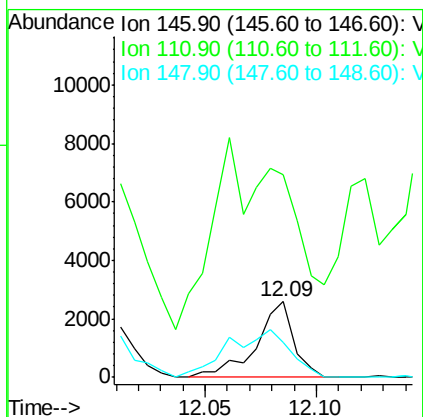
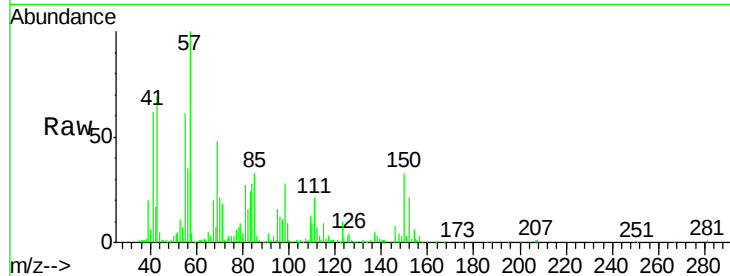




#88
 1,4-Dichlorobenzene
 Concen: 0.250 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018492.D
 Acq: 18 Sep 2020 15:09

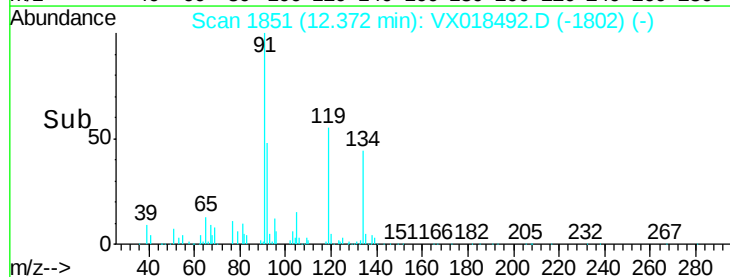
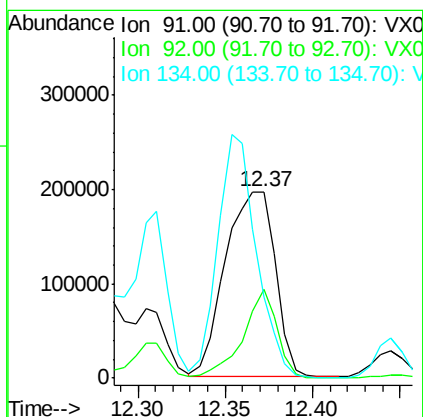
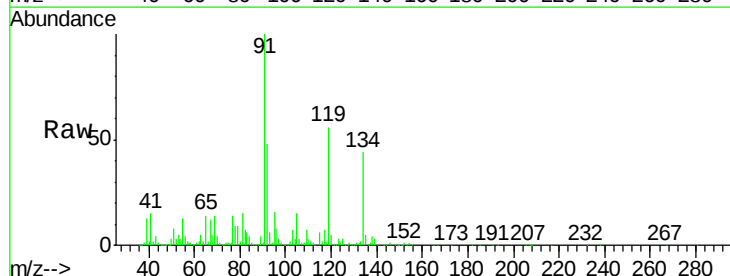
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5-16.5-17.0MEDL

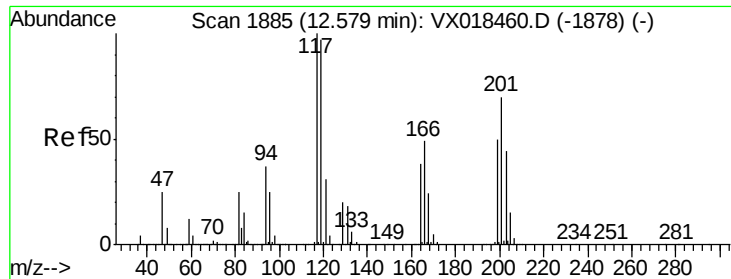
Tgt Ion: 146 Resp: 3017
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.4 58.4#
 148 103.4 31.8 95.4#



#89
 n-Butylbenzene
 Concen: 19.537 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX018492.D
 Acq: 18 Sep 2020 15:09

Tgt Ion: 91 Resp: 390794
 Ion Ratio Lower Upper
 91 100
 92 32.3 26.1 78.2
 134 101.6 13.3 39.8#





#90

Hexachloroethane

Concen: 12.422 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

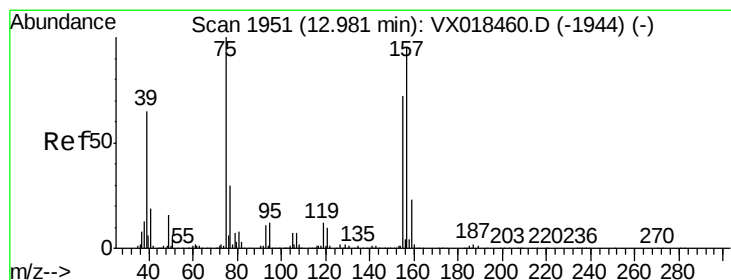
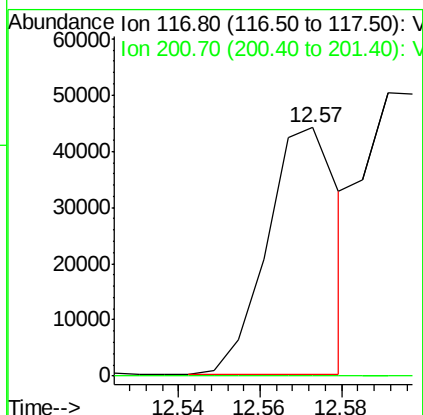
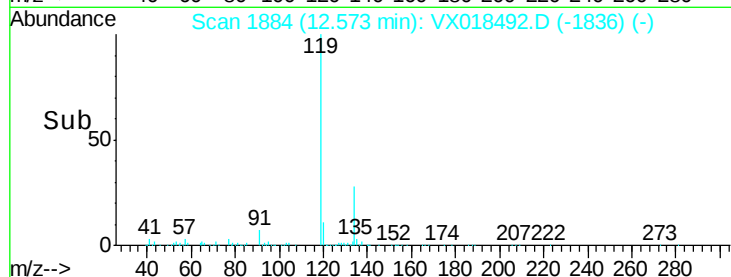
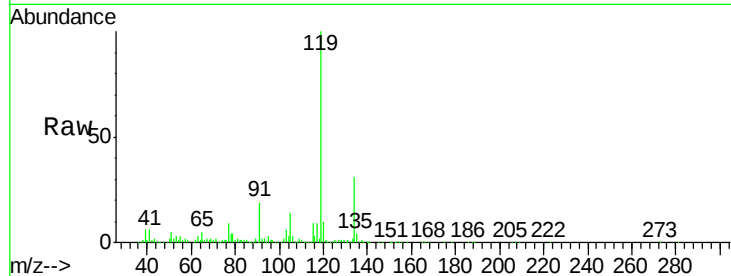
SB-5-16.5-17.0MEDL

Tgt Ion:117 Resp: 53585

Ion Ratio Lower Upper

117 100

201 0.3 36.2 108.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.104 ug/l

RT: 13.01 min Scan# 1955

Delta R.T. 0.02 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

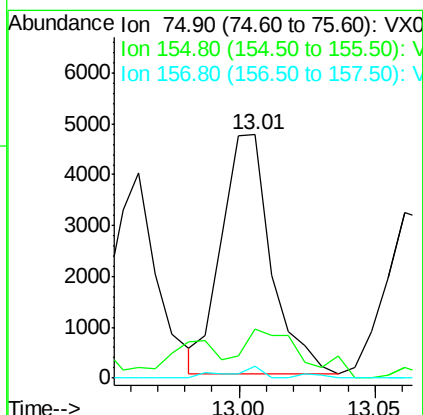
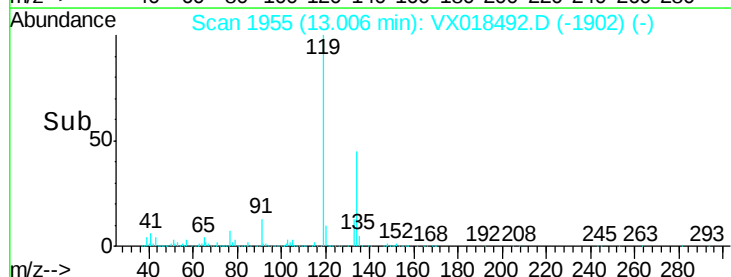
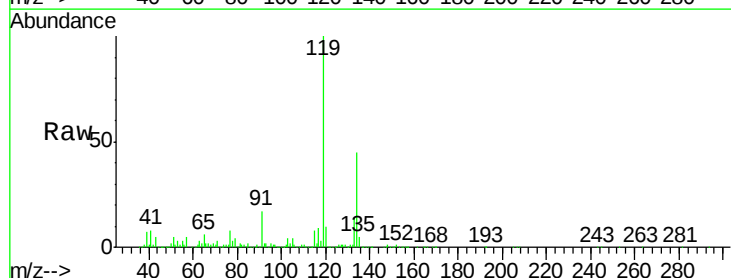
Tgt Ion: 75 Resp: 5985

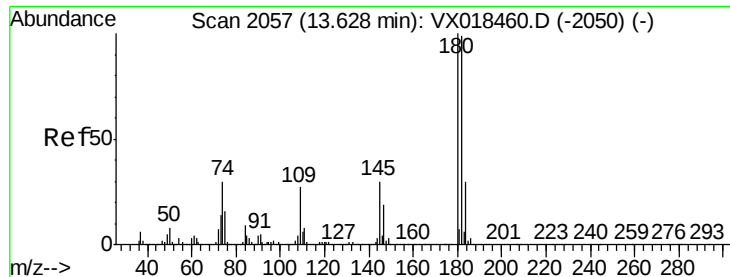
Ion Ratio Lower Upper

75 100

155 24.7 38.8 116.4#

157 3.1 51.1 153.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.490 ug/l

RT: 13.63 min Scan# 2058

Delta R.T. 0.01 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0MEDL

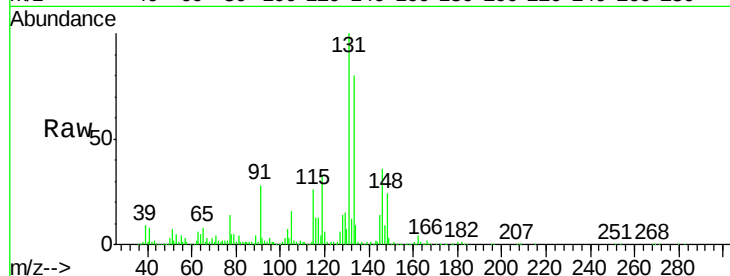
Tgt Ion:180 Resp: 3801

Ion Ratio Lower Upper

180 100

182 111.4 50.2 150.6

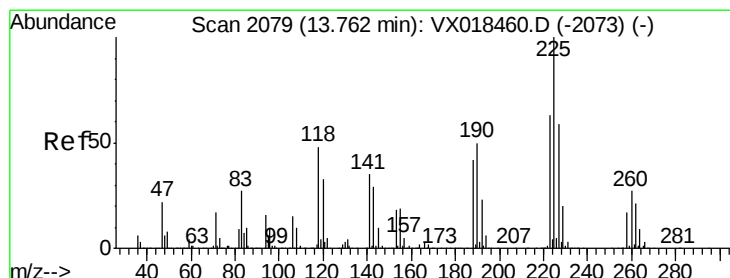
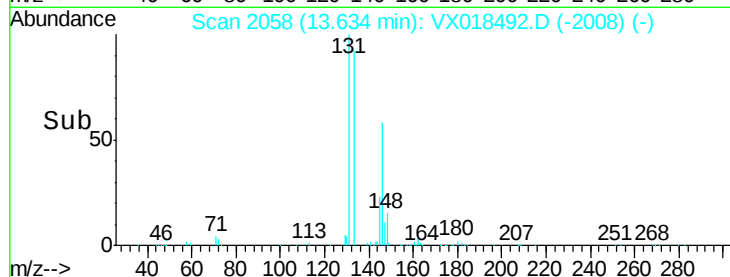
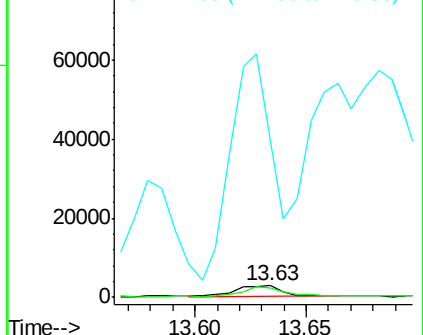
145 1955.1 15.7 47.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.672 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX018492.D

Acq: 18 Sep 2020 15:09

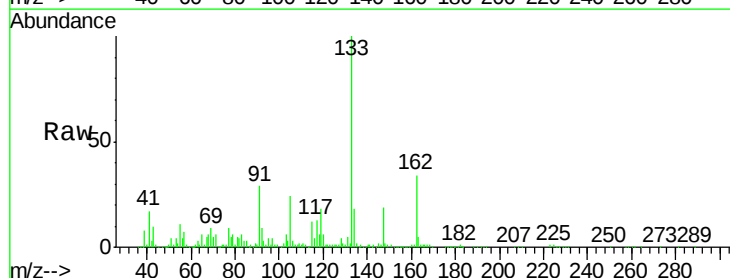
Tgt Ion:225 Resp: 2188

Ion Ratio Lower Upper

225 100

223 61.7 32.0 96.2

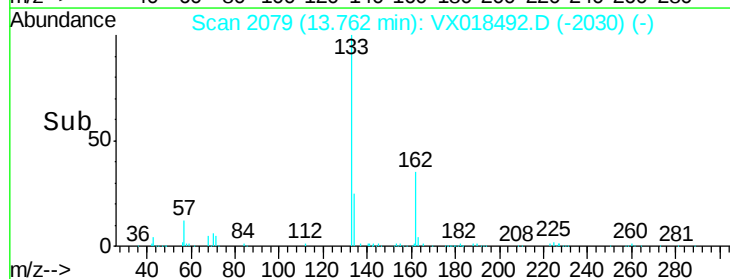
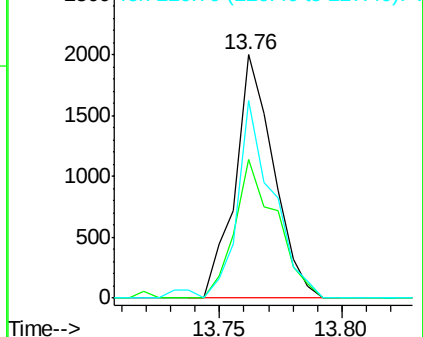
227 76.1 31.7 95.1

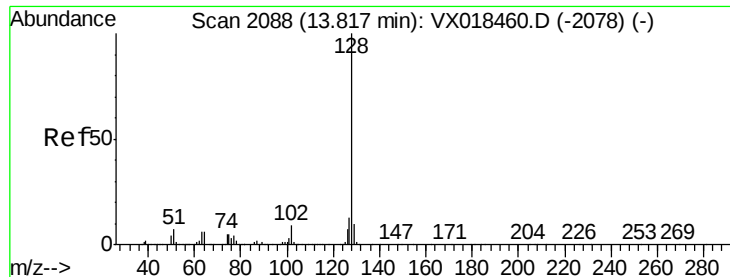


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

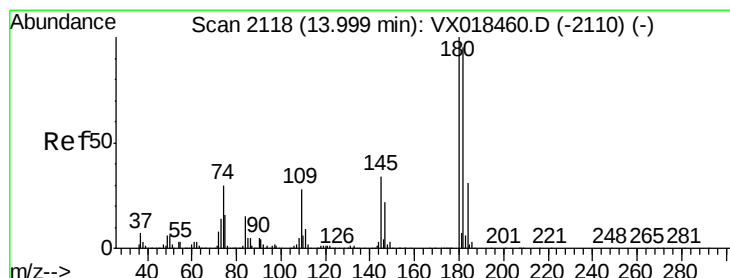
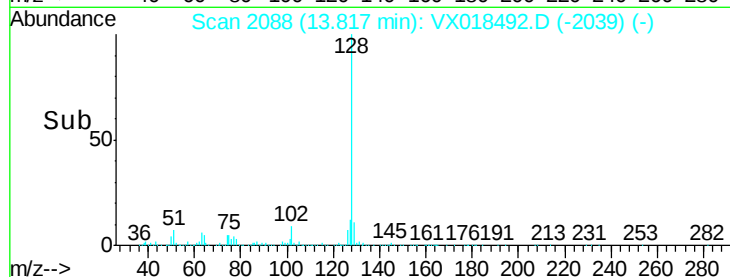
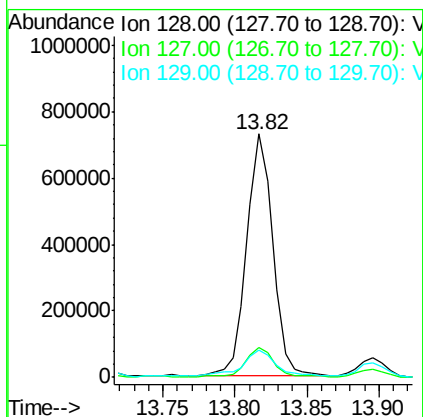
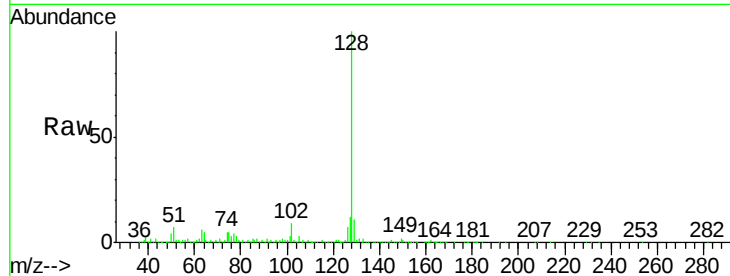




#95
Naphthalene
Concen: 39.137 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018492.D
Acq: 18 Sep 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0MEDL

Tgt Ion:128 Resp: 916590
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 13.6 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.544 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018492.D
Acq: 18 Sep 2020 15:09

Tgt Ion:180 Resp: 4030
Ion Ratio Lower Upper
180 100
182 73.0 47.1 141.3
145 3812.0 16.8 50.4#

