

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016800.D
 Acq On : 17 Jun 2020 00:33
 Operator : JC/SP
 Sample : PB129533TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129533TB

Quant Time: Jun 17 04:04:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	278978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	435288	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	438753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	148760	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	5.46	113	130093	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	8.70	98	533537	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
62) 4-Bromofluorobenzene	11.12	95	217716	57.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	285	0.235	ug/l	78
5) Bromomethane	1.64	94	616	0.305	ug/l	85
11) Tert butyl alcohol	3.00	59	1250	1.586	ug/l #	73
12) 1,1-Dichloroethene	2.36	96	554	0.203	ug/l #	68
13) Acrolein	2.27	56	680	4.313	ug/l #	59
15) Acrylonitrile	3.12	53	843	0.527	ug/l #	90
16) Acetone	2.42	43	24765	17.398	ug/l	96
17) Carbon Disulfide	2.56	76	3288	0.421	ug/l #	92
18) Methyl Acetate	2.75	43	3390	0.892	ug/l	98
20) Methylene Chloride	2.84	84	6568	2.142	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	1080	0.369	ug/l	95
25) 2-Butanone	4.64	43	6763	3.153	ug/l	91
29) Tetrahydrofuran	5.10	42	2197	1.581	ug/l #	80
31) Cyclohexane	5.56	56	382	0.788	ug/l #	61
38) Carbon Tetrachloride	5.63	117	25402	5.815	ug/l #	16
39) Methylcyclohexane	7.45	83	680	1.103	ug/l #	77
43) Isopropyl Acetate	6.42	43	73119	11.075	ug/l	98
44) Trichloroethene	7.19	130	3160	0.872	ug/l	91
48) Methyl methacrylate	7.65	41	4073	1.302	ug/l #	11
49) 1,4-Dioxane	7.73	88	54	0.697	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	67403	16.567	ug/l #	43
54) cis-1,3-Dichloropropene	8.59	75	33703	6.557	ug/l #	59
56) Ethyl methacrylate	9.29	69	980	0.214	ug/l #	1
57) 1,3-Dichloropropane	9.52	76	6322	1.229	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.29	63	469	0.208	ug/l #	75
59) 2-Hexanone	9.42	43	62116	19.778	ug/l #	21
76) 1,2,3-Trichloropropane	11.12	75	102247	21.373	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.49	105	3013	0.241	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.12	75	102247	53.807	ug/l #	13
87) 1,3-Dichlorobenzene	12.01	146	1487	0.209	ug/l	89
88) 1,4-Dichlorobenzene	12.01	146	1487	0.201	ug/l	89
89) n-Butylbenzene	12.37	91	3092	0.291	ug/l	91
93) 1,2,4-Trichlorobenzene	13.63	180	2410	0.483	ug/l	93
94) Hexachlorobutadiene	13.76	225	1442	1.065	ug/l	91

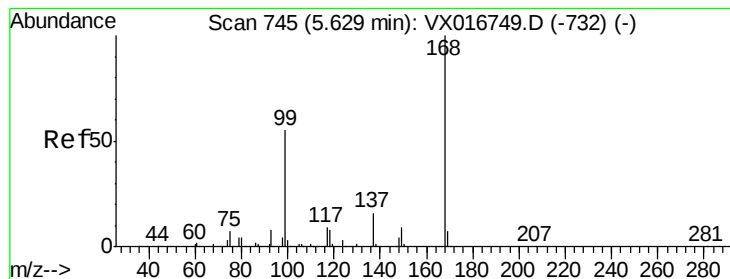
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
Data File : VX016800.D
Acq On : 17 Jun 2020 00:33
Operator : JC/SP
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Quant Time: Jun 17 04:04:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.82	128	5061	0.324	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.01	180	2427	0.494	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

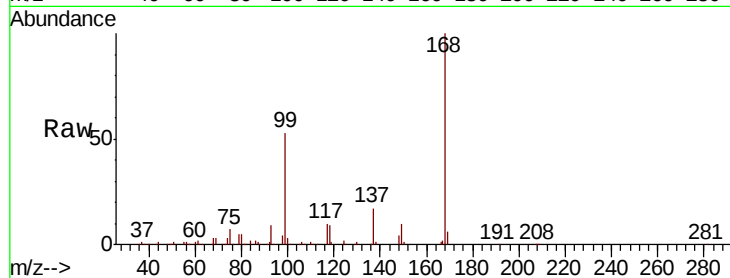
PB129533TB

Tot Ion:168 Resp: 278978

Ion Ratio Lower Upper

168 100

99 52.7 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

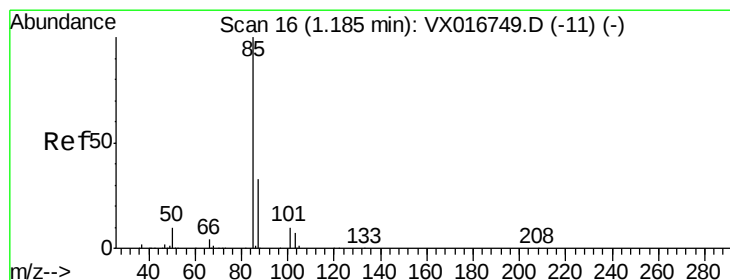
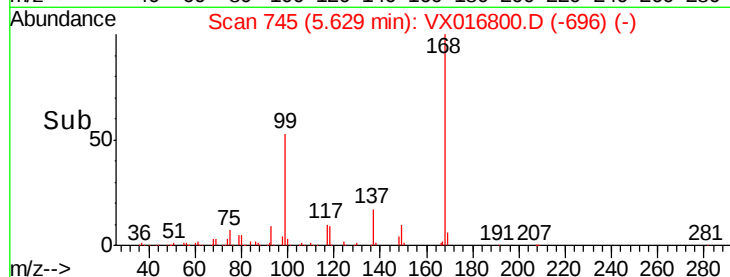
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.235 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016800.D

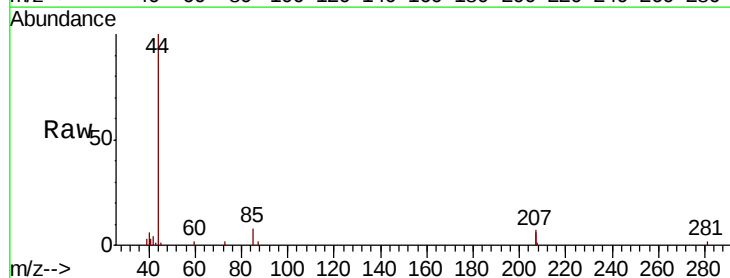
Acq: 17 Jun 2020 00:33

Tgt Ion: 85 Resp: 285

Ion Ratio Lower Upper

85 100

87 20.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300

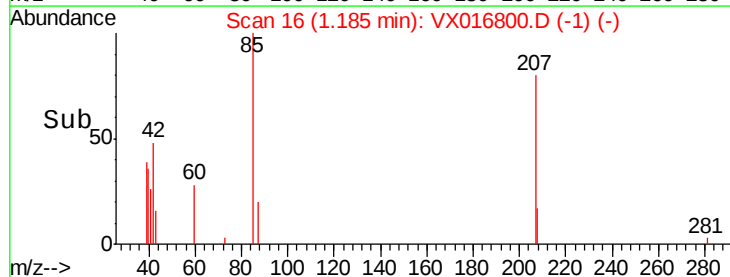
200

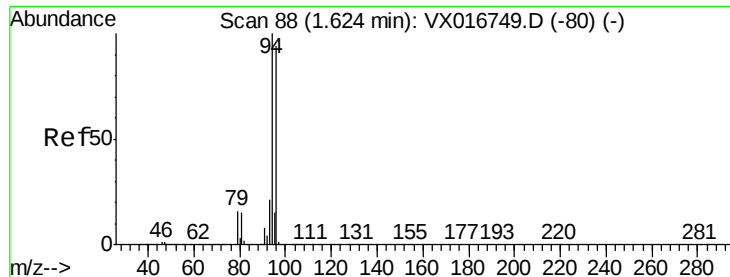
100

0

Time-->

1.14 1.16 1.18 1.20





#5

Bromomethane

Concen: 0.305 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

Instrument :

MSVOA_X

ClientSampled :

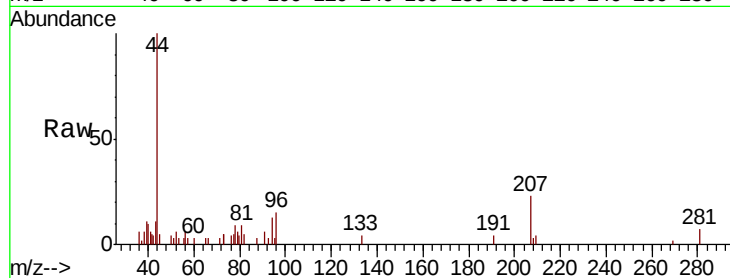
PB129533TB

Tot Ion: 94 Resp: 616

Ion Ratio Lower Upper

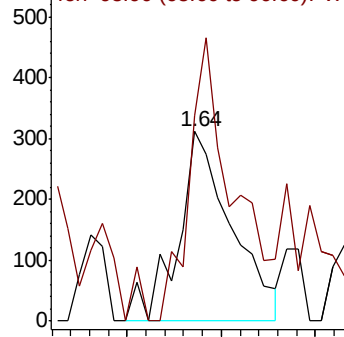
94 100

96 108.4 75.4 113.0

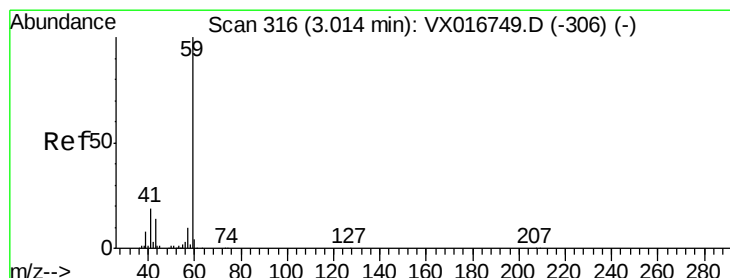
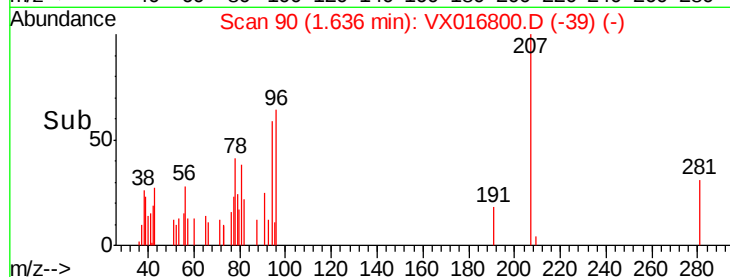


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#11

Tert butyl alcohol

Concen: 1.586 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX016800.D

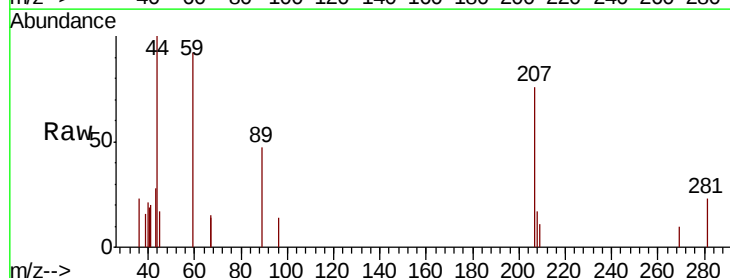
Acq: 17 Jun 2020 00:33

Tgt Ion: 59 Resp: 1250

Ion Ratio Lower Upper

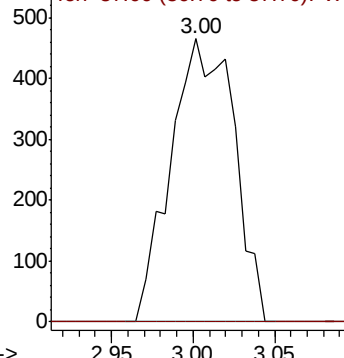
59 100

57 0.0 8.2 12.2#

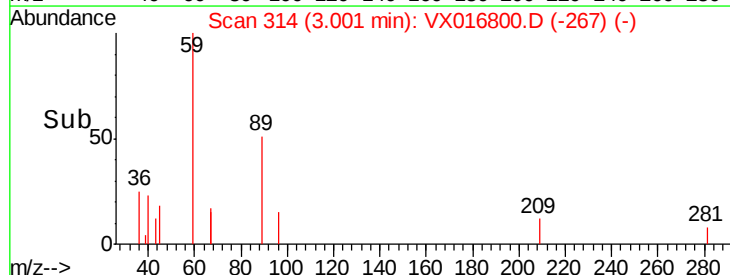


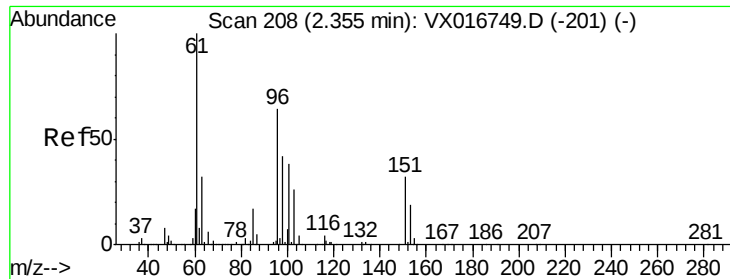
Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->





#12

1,1-Dichloroethene

Concen: 0.203 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

PB129533TB

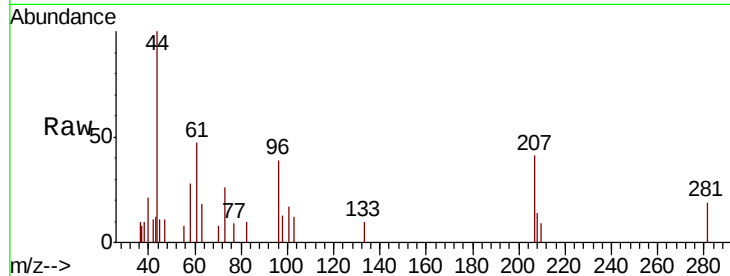
Tot Ion: 96 Resp: 554

Ion Ratio Lower Upper

96 100

61 118.5 124.1 186.1#

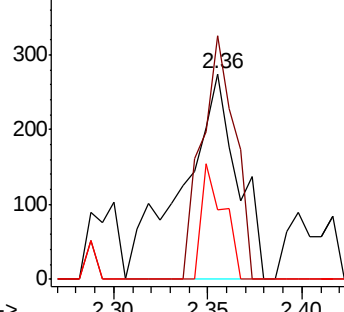
98 33.5 52.7 79.1#



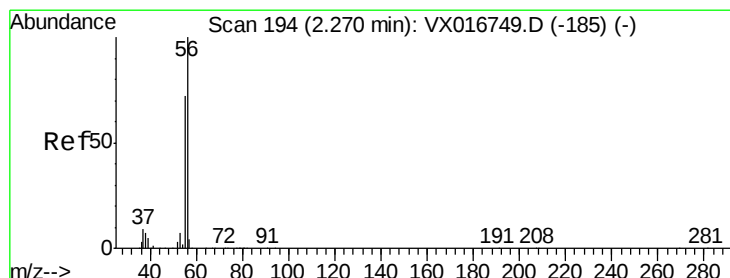
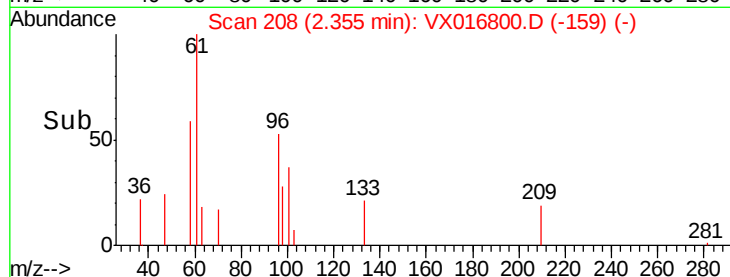
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->



#13

Acrolein

Concen: 4.313 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016800.D

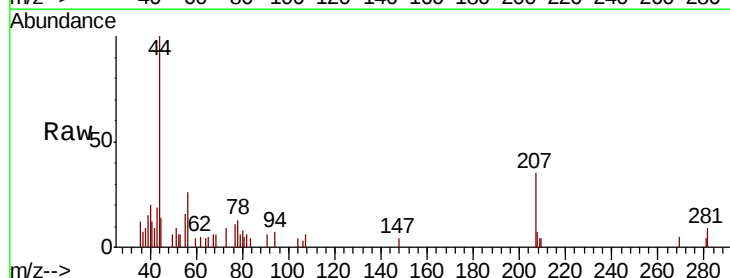
Acq: 17 Jun 2020 00:33

Tgt Ion: 56 Resp: 680

Ion Ratio Lower Upper

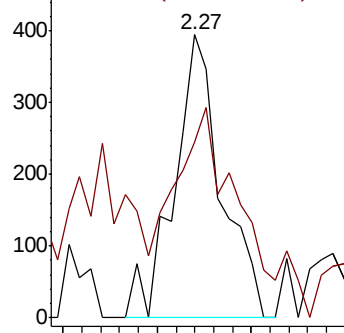
56 100

55 107.4 58.2 87.4#

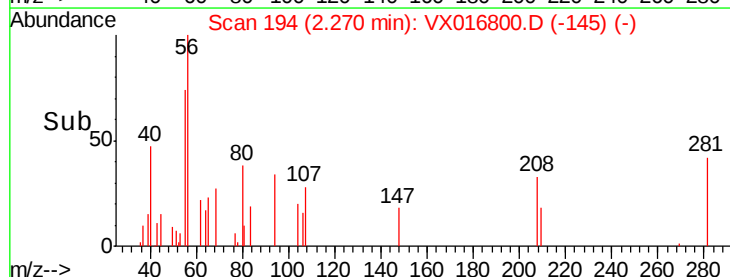


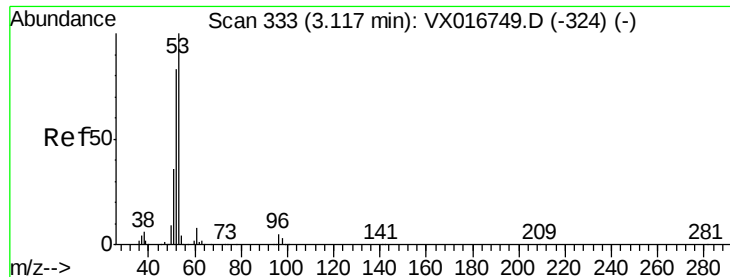
Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->





#15

Acrylonitrile

Concen: 0.527 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

PB129533TB

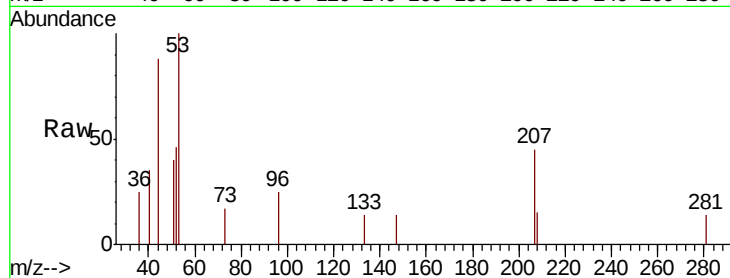
Tot Ion: 53 Resp: 843

Ion Ratio Lower Upper

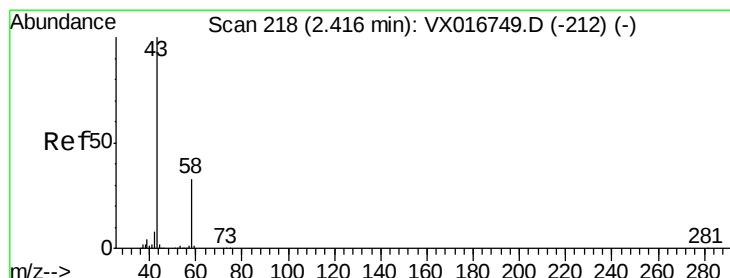
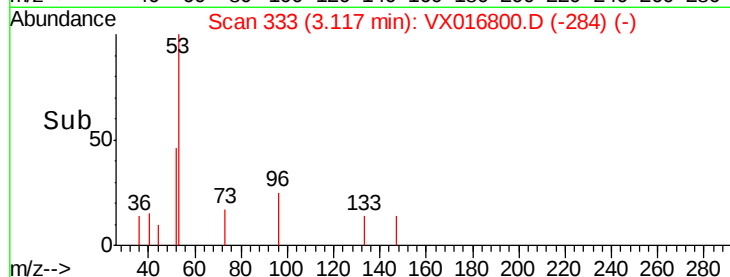
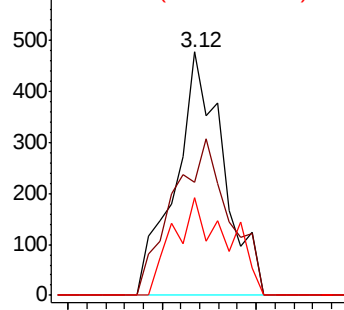
53 100

52 75.9 65.5 98.3

51 45.3 28.6 42.8#



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: 17.398 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016800.D

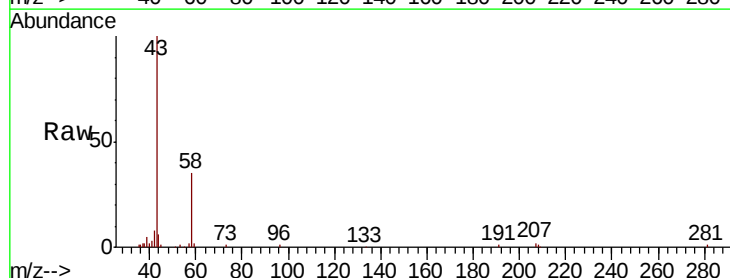
Acq: 17 Jun 2020 00:33

Tgt Ion: 43 Resp: 24765

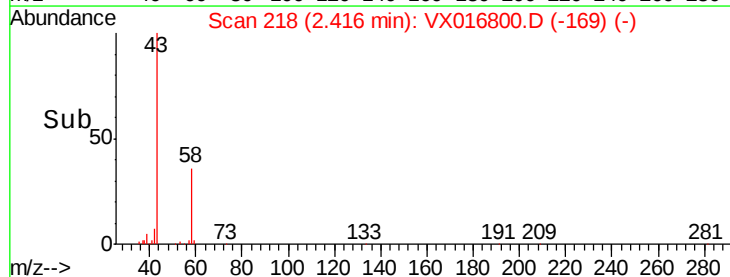
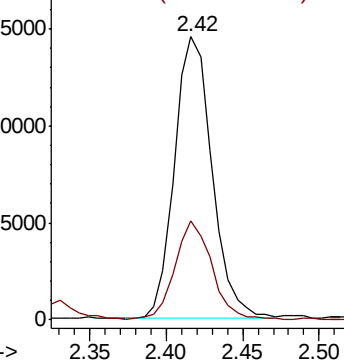
Ion Ratio Lower Upper

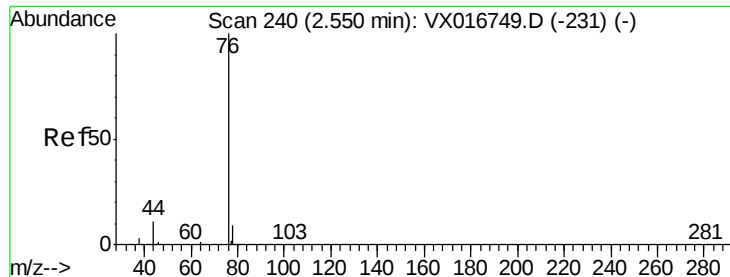
43 100

58 35.1 26.3 39.5



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

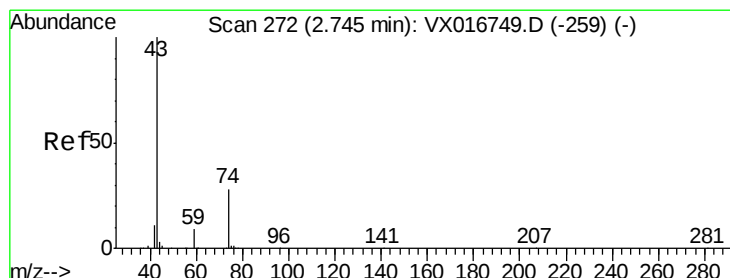
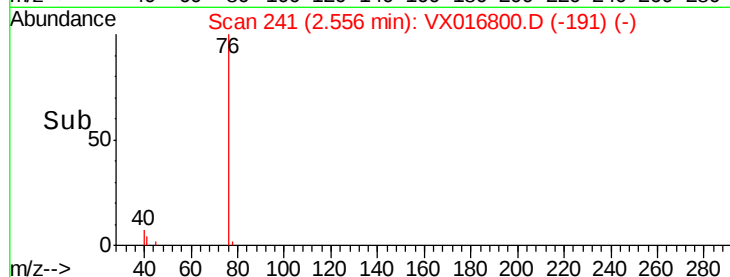
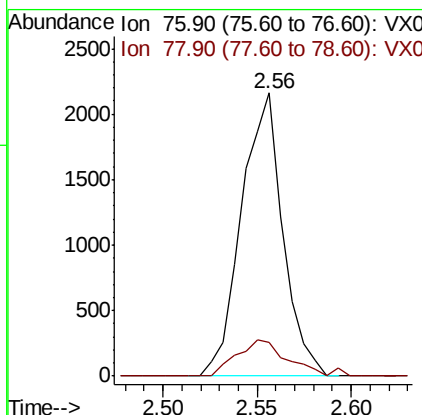
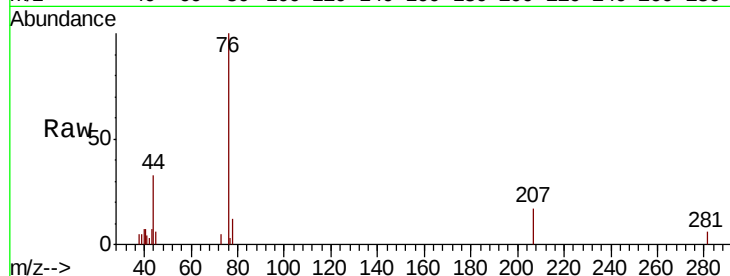




#17
Carbon Disulfide
Concen: 0.421 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX016800.D
Acq: 17 Jun 2020 00:33

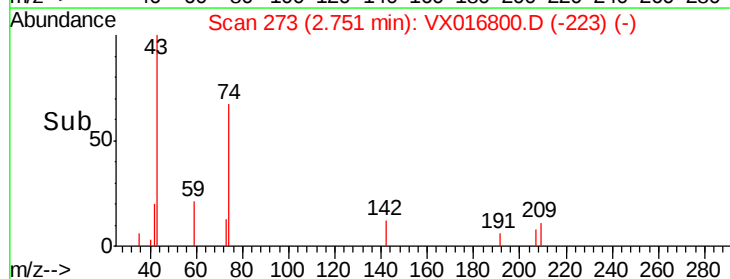
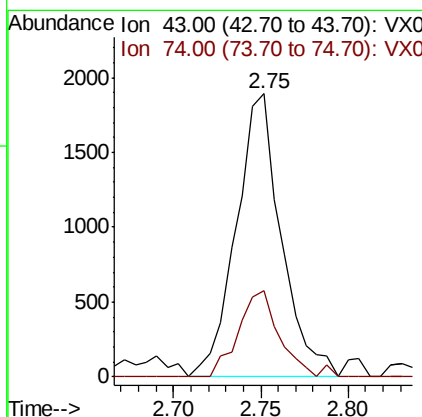
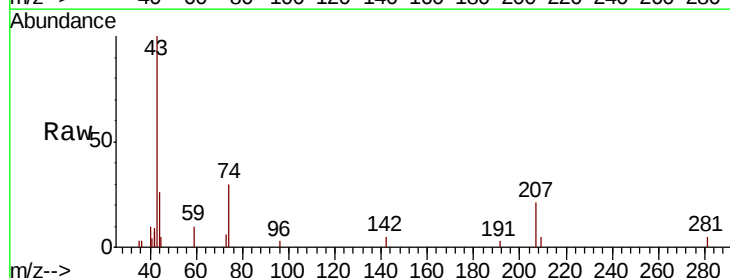
Instrument :
MSVOA_X
ClientSampleId :
PB129533TB

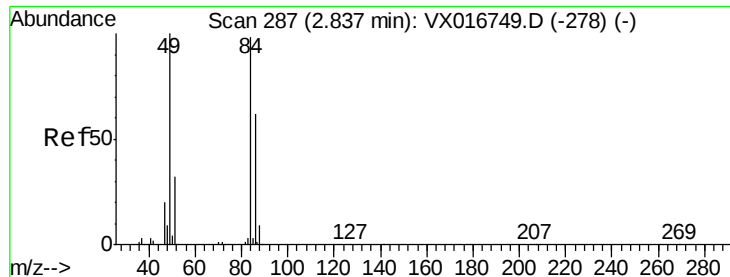
Tot Ion: 76 Resp: 3288
Ion Ratio Lower Upper
76 100
78 12.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.892 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016800.D
Acq: 17 Jun 2020 00:33

Tgt Ion: 43 Resp: 3390
Ion Ratio Lower Upper
43 100
74 27.1 22.4 33.6

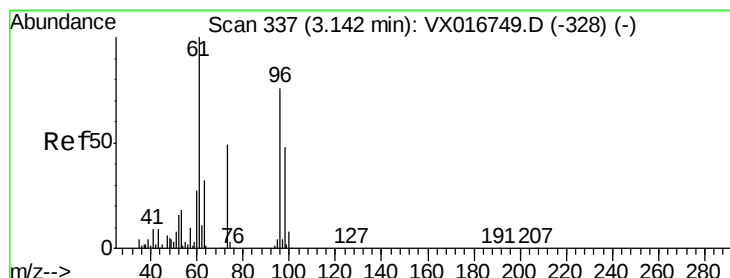
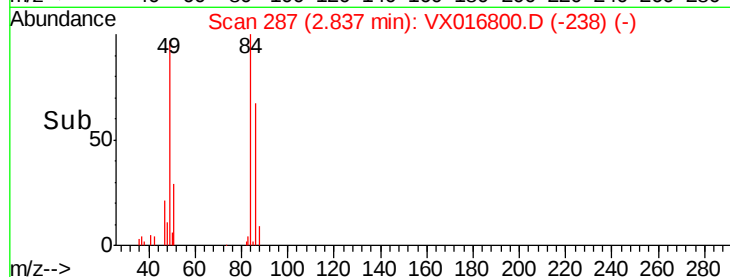
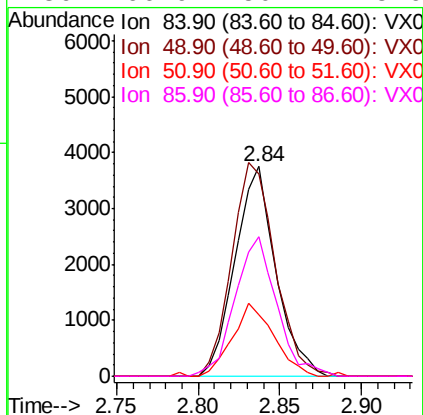
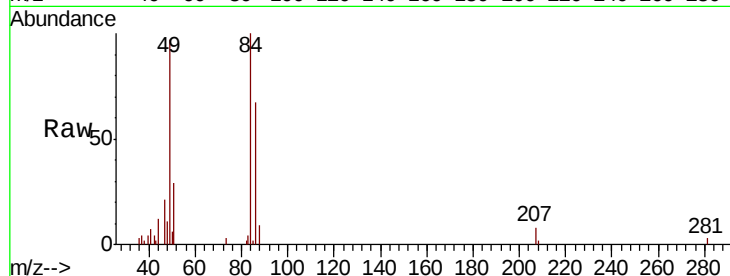




#20
Methvlene Chloride
Concen: 2.142 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016800.D
Acq: 17 Jun 2020 00:33

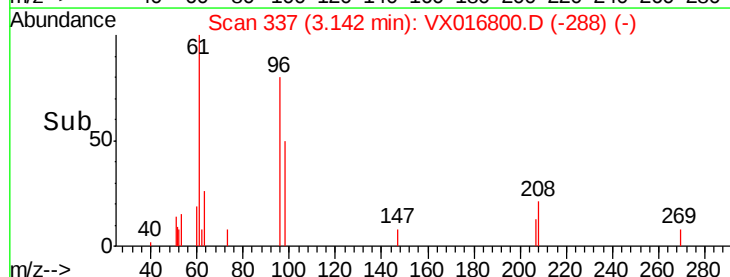
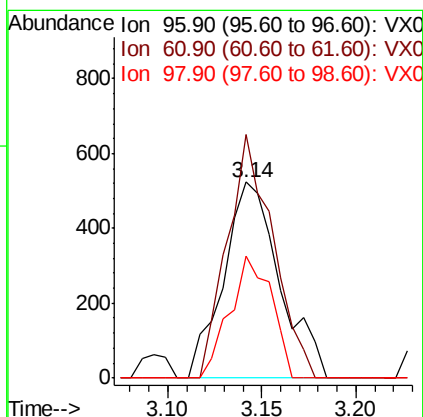
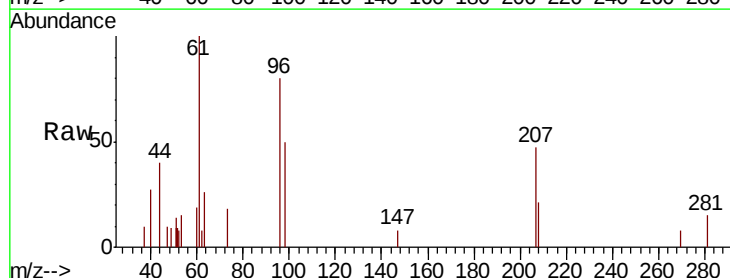
Instrument :
MSVOA_X
ClientSampleId :
PB129533TB

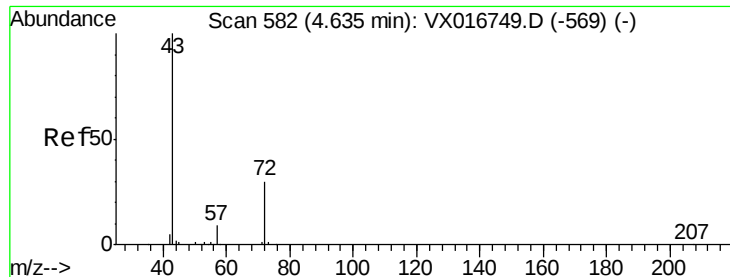
Tot Ion:	84	Resp:	6568
Ion	Ratio	Lower	Upper
84	100		
49	96.6	81.8	122.8
51	29.4	25.8	38.8
86	66.9	50.4	75.6



#21
trans-1,2-Dichloroethene
Concen: 0.369 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX016800.D
Acq: 17 Jun 2020 00:33

Tgt Ion:	96	Resp:	1080
Ion	Ratio	Lower	Upper
96	100		
61	124.5	105.4	158.2
98	62.5	50.8	76.2





#25

2-Butanone

Concen: 3.153 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

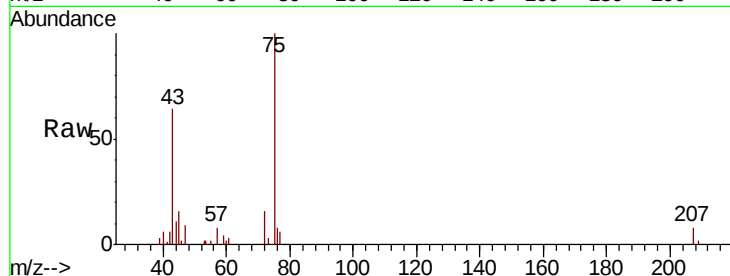
PB129533TB

Tot Ion: 43 Resp: 6763

Ion Ratio Lower Upper

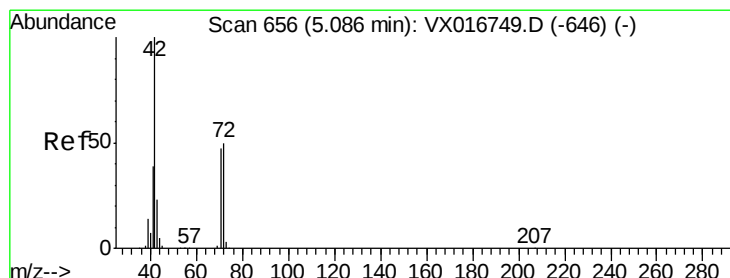
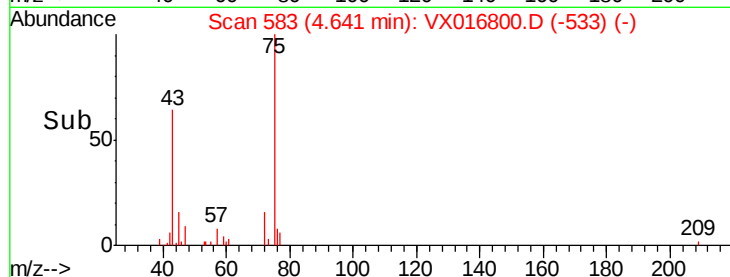
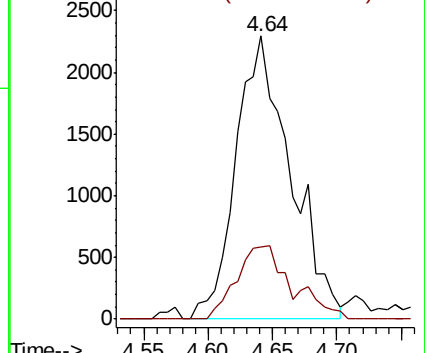
43 100

72 25.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 1.581 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

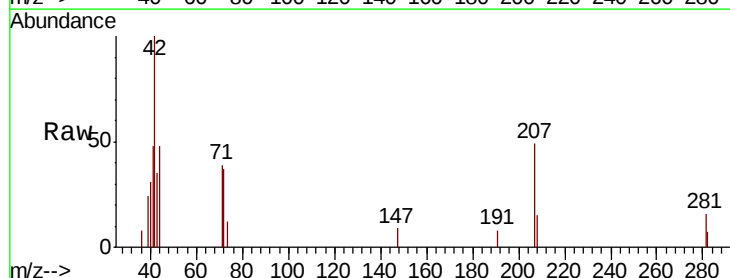
Tgt Ion: 42 Resp: 2197

Ion Ratio Lower Upper

42 100

72 42.1 41.0 61.6

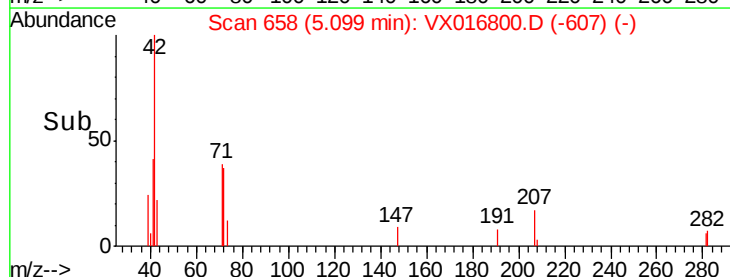
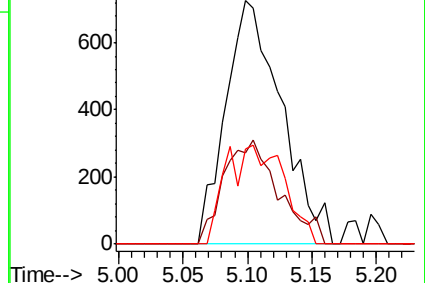
71 29.5 38.2 57.4#

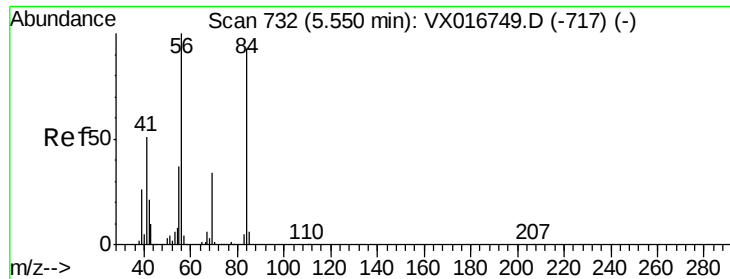


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

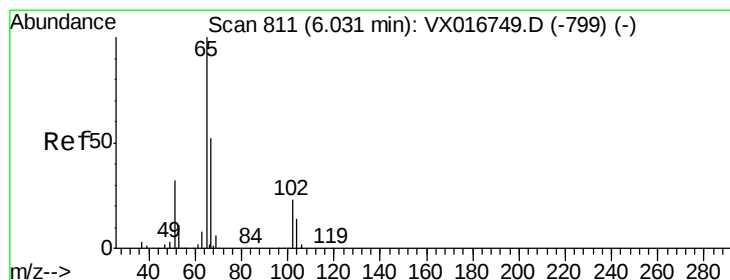
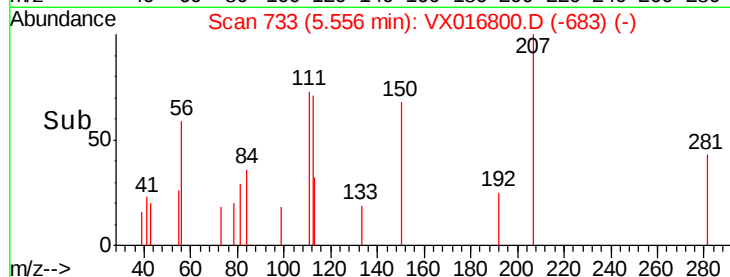
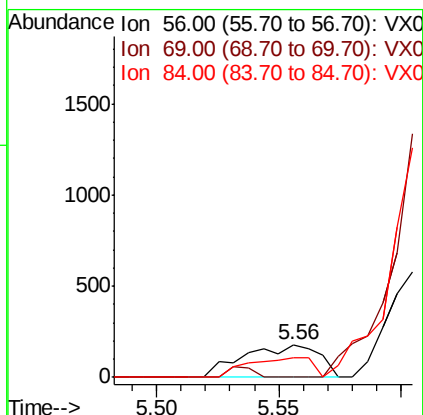
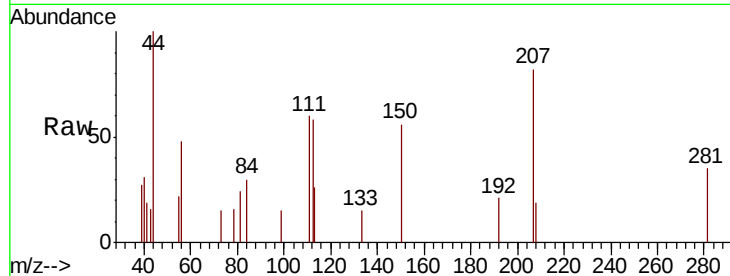




#31
Cyclohexane
Concen: 0.788 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016800.D
Acq: 17 Jun 2020 00:33

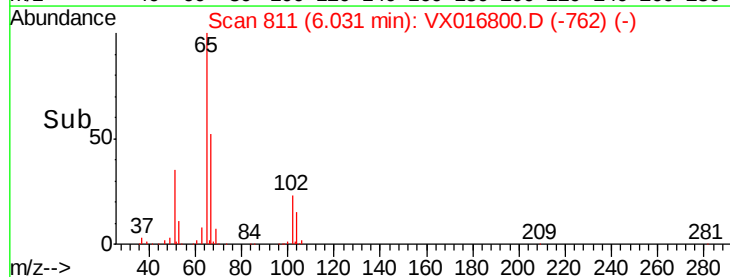
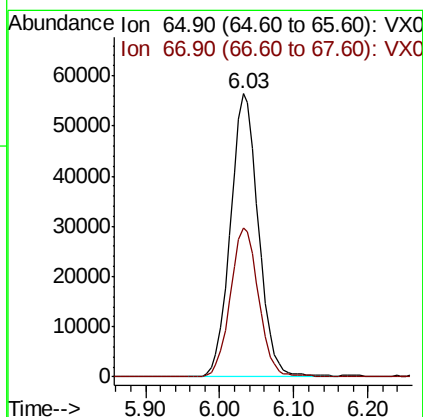
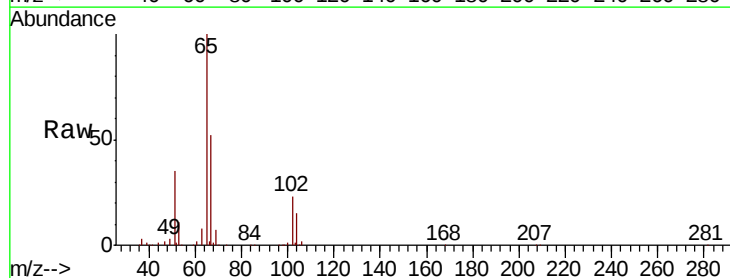
Instrument :
MSVOA_X
ClientSampleId :
PB129533TB

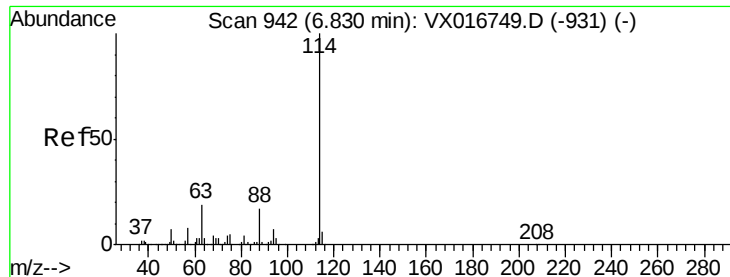
Tot Ion: 56 Resp: 382
Ion Ratio Lower Upper
56 100
69 0.0 27.1 40.7#
84 61.8 74.0 111.0#



#33
1,2-Dichloroethane-d4
Concen: 47.411 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016800.D
Acq: 17 Jun 2020 00:33

Tgt Ion: 65 Resp: 148760
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

PB129533TB

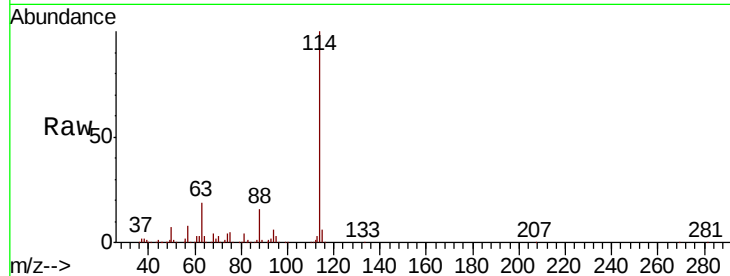
Tot Ion:114 Resp: 435288

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.8

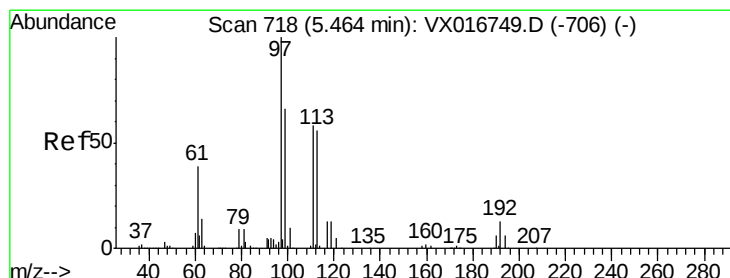
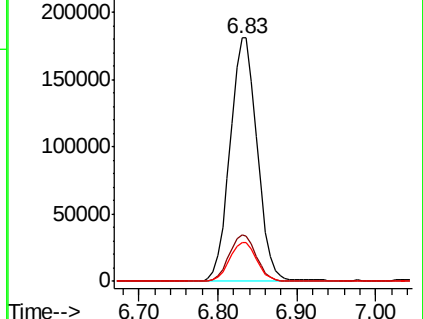
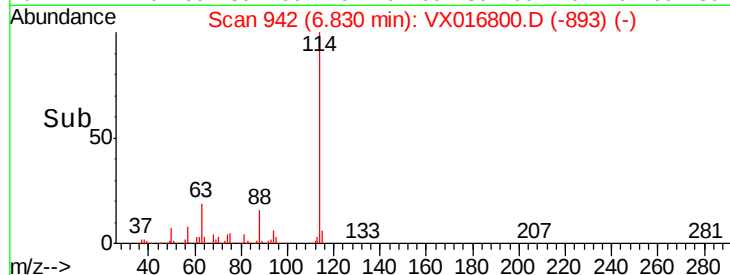
88 16.2 0.0 33.4



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: 48.440 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

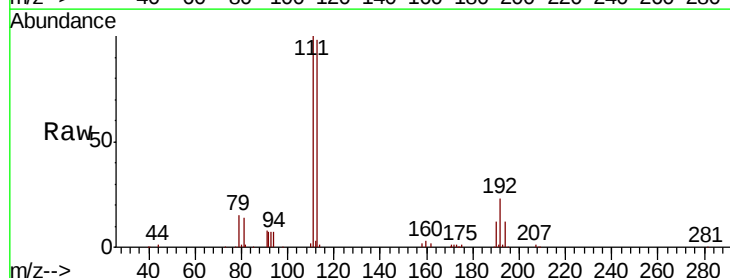
Tgt Ion:113 Resp: 130093

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.6

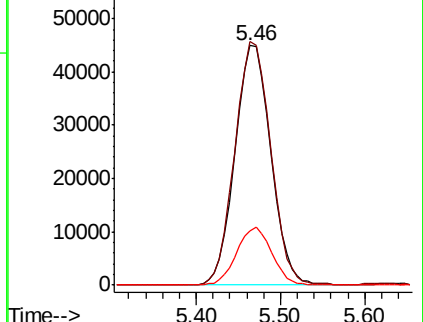
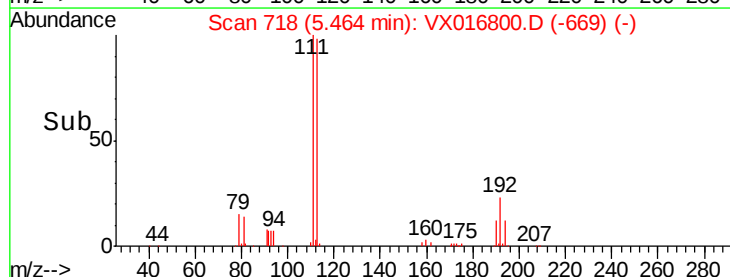
192 23.6 18.2 27.4

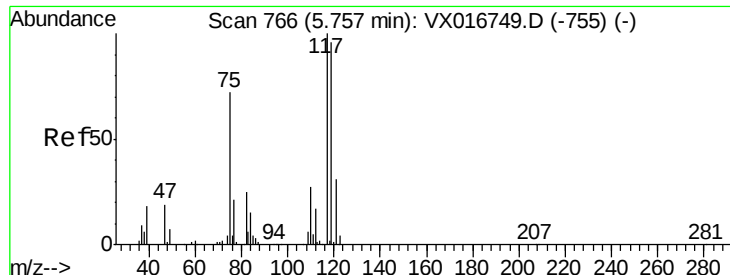


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

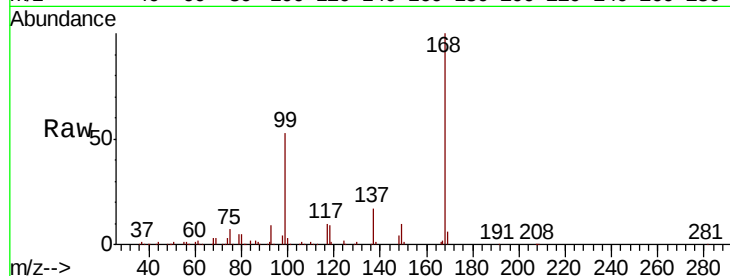




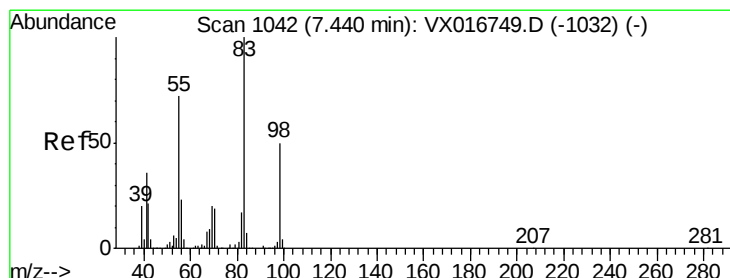
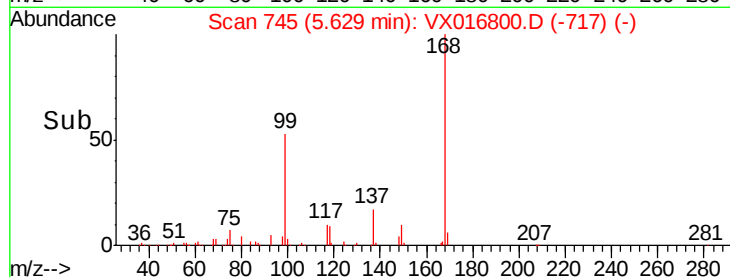
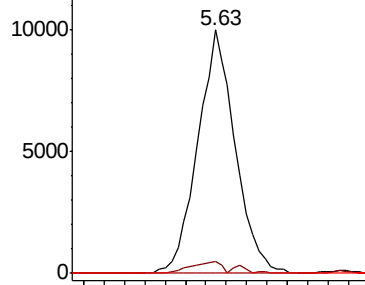
#38
Carbon Tetrachloride
Concen: 5.815 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016800.D
Acq: 17 Jun 2020 00:33

Instrument :
MSVOA_X
ClientSampled :
PB129533TB

Tot Ion:117 Resp: 25402
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 24.7 37.1#

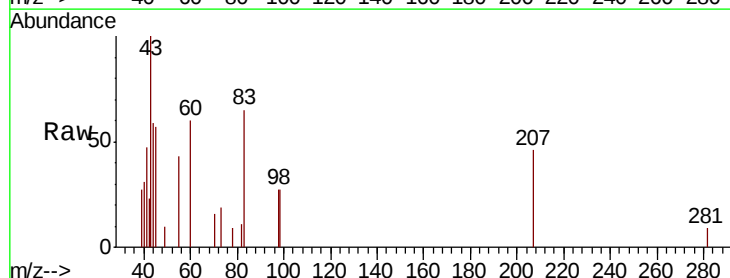


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

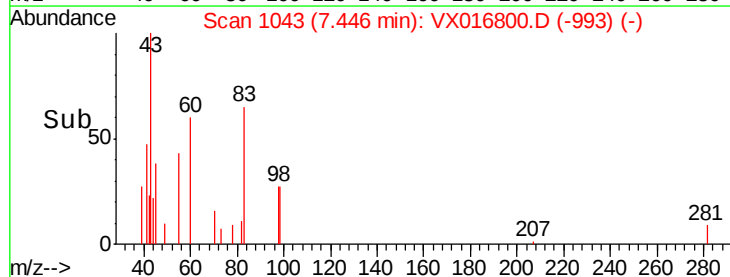
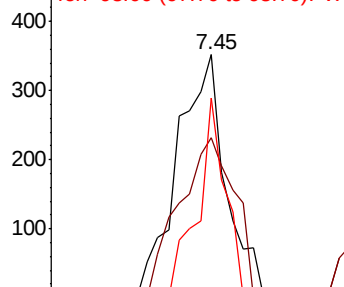


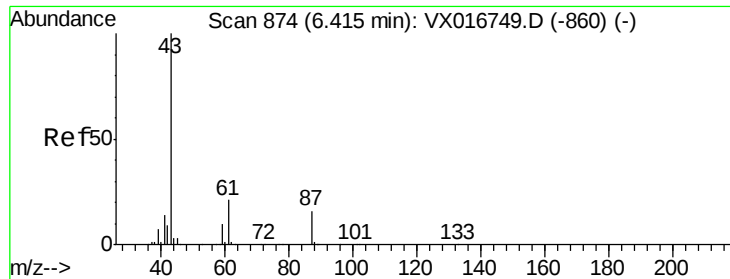
#39
Methylcyclohexane
Concen: 1.103 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016800.D
Acq: 17 Jun 2020 00:33

Tgt Ion: 83 Resp: 680
Ion Ratio Lower Upper
83 100
55 65.6 57.3 85.9
98 82.4 40.3 60.5#



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 11.075 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

PB129533TB

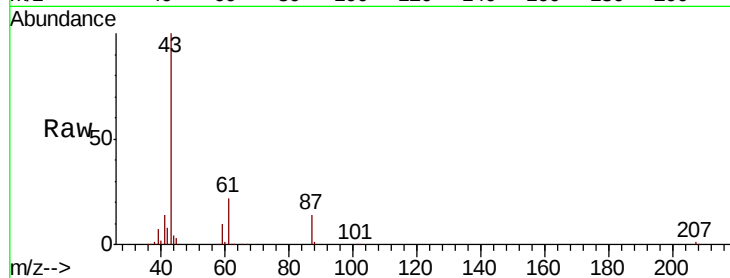
Tot Ion: 43 Resp: 73119

Ion Ratio Lower Upper

43 100

61 23.6 17.7 26.5

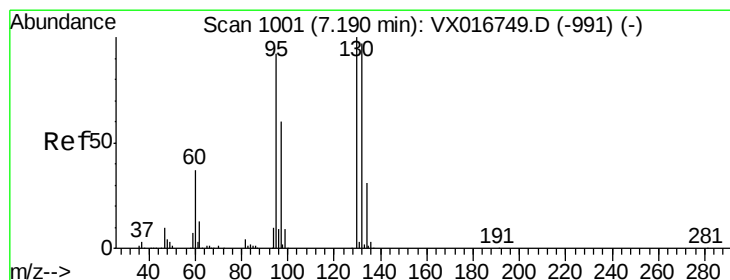
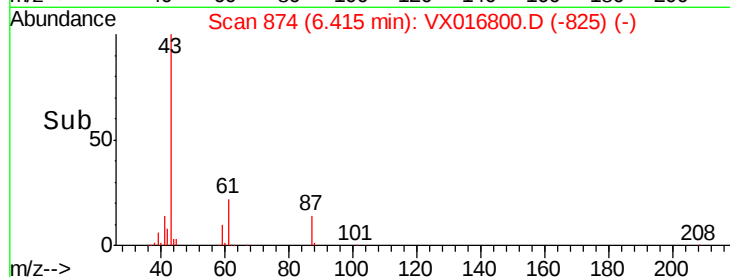
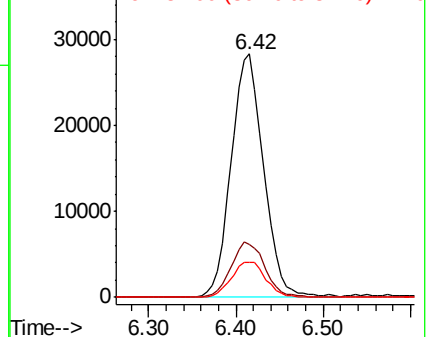
87 15.3 12.5 18.7



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: 0.872 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016800.D

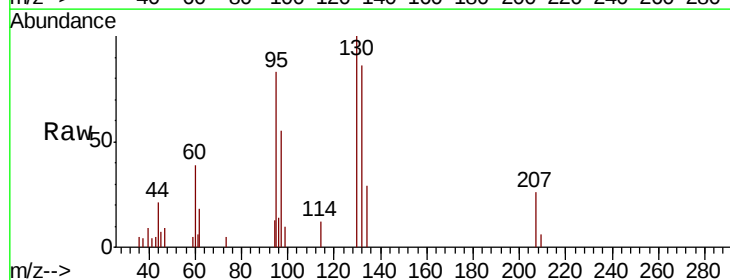
Acq: 17 Jun 2020 00:33

Tgt Ion:130 Resp: 3160

Ion Ratio Lower Upper

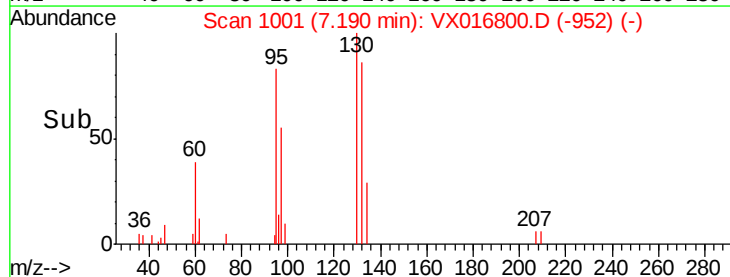
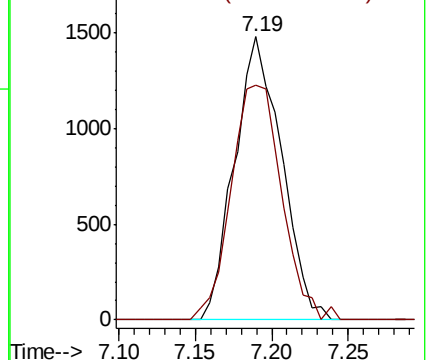
130 100

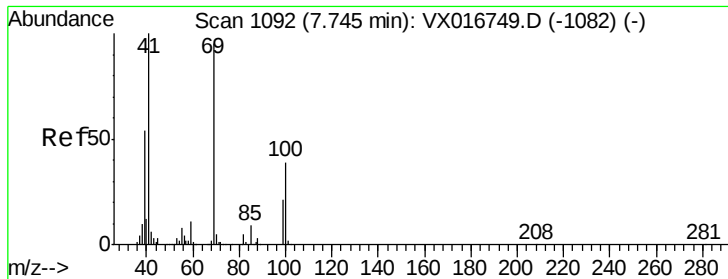
95 82.8 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#48

Methvl methacrylate

Concen: 1.302 ug/l

RT: 7.65 min Scan# 1077

Delta R.T. -0.09 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

Instrument :

MSVOA_X

ClientSampled :

PB129533TB

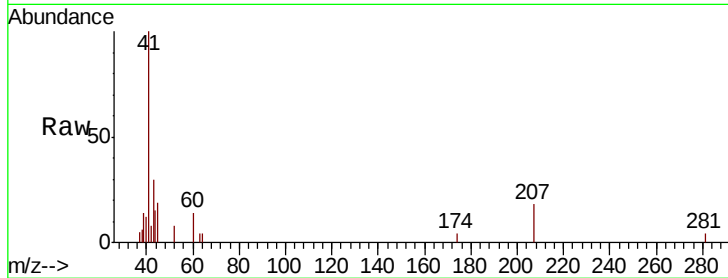
Tot Ion: 41 Resp: 4073

Ion Ratio Lower Upper

41 100

69 0.0 75.0 112.6#

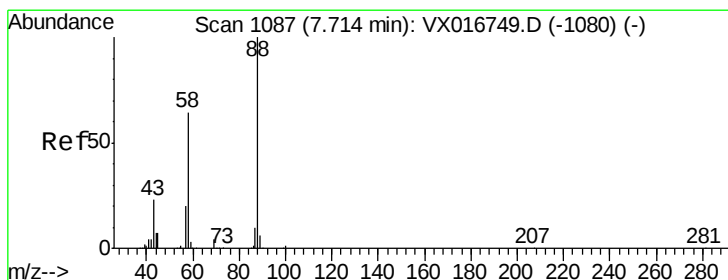
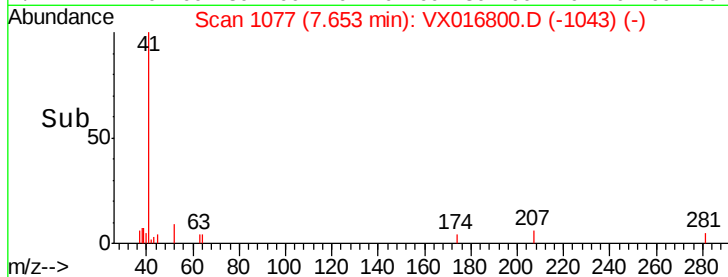
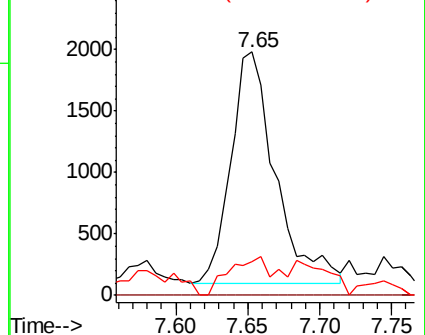
39 0.0 44.3 66.5#



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: 0.697 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.02 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

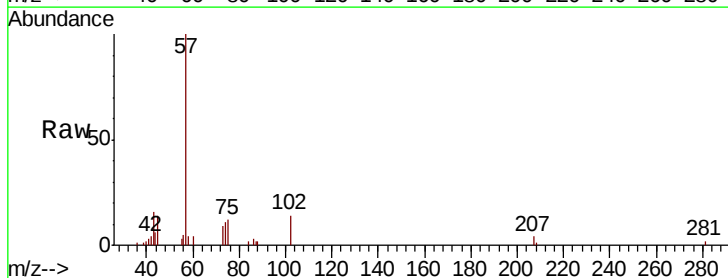
Tgt Ion: 88 Resp: 54

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

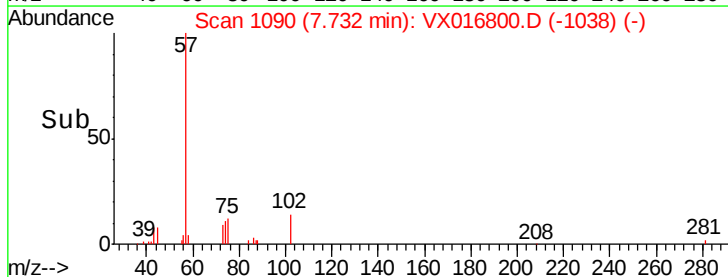
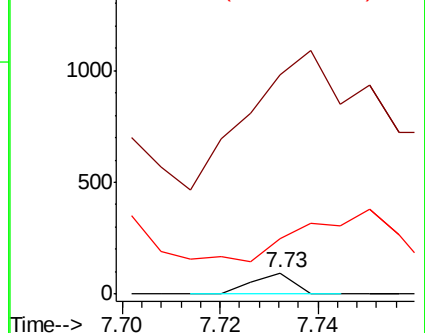
58 1216.7 53.7 80.5#

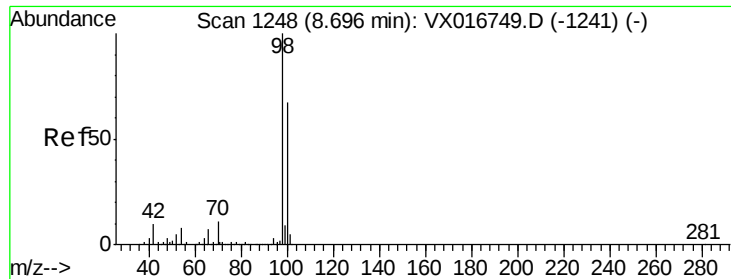


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

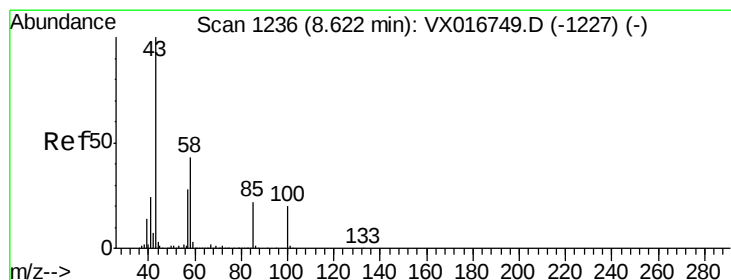
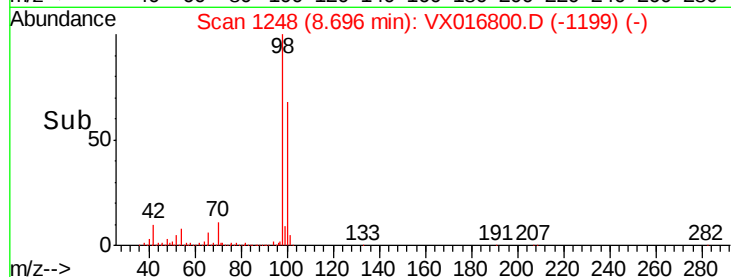
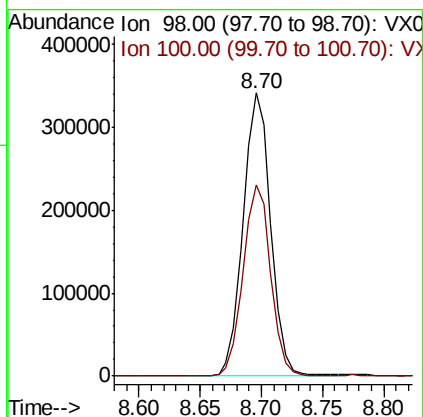
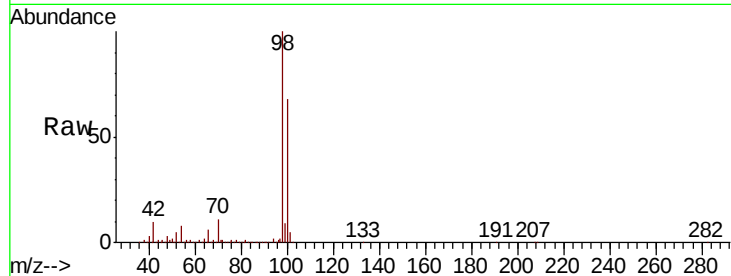




#50
Toluene-d8
Concen: 53.878 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016800.D
Acq: 17 Jun 2020 00:33

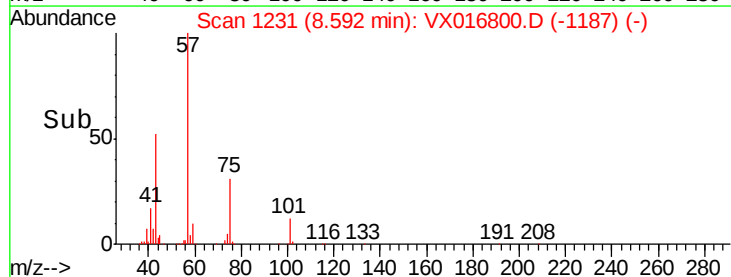
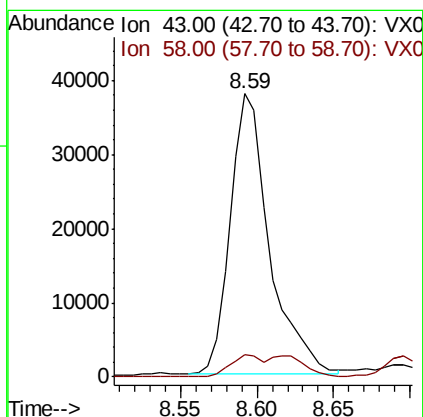
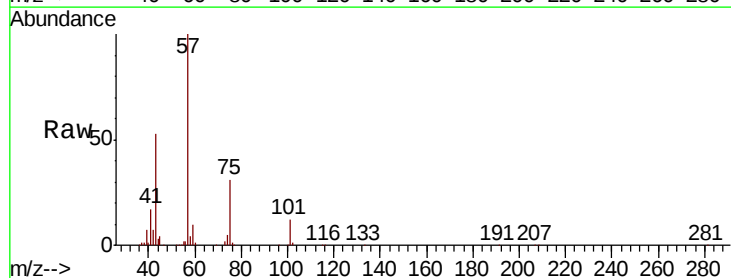
Instrument :
MSVOA_X
ClientSampleId :
PB129533TB

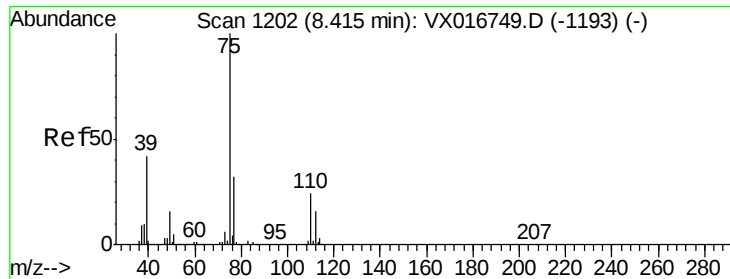
Tot Ion: 98 Resp: 533537
Ion Ratio Lower Upper
98 100
100 67.6 53.9 80.9



#51
4-Methyl-2-Pentanone
Concen: 16.567 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX016800.D
Acq: 17 Jun 2020 00:33

Tgt Ion: 43 Resp: 67403
Ion Ratio Lower Upper
43 100
58 6.4 34.6 52.0#



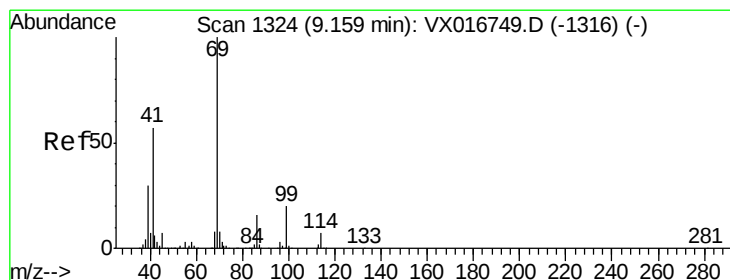
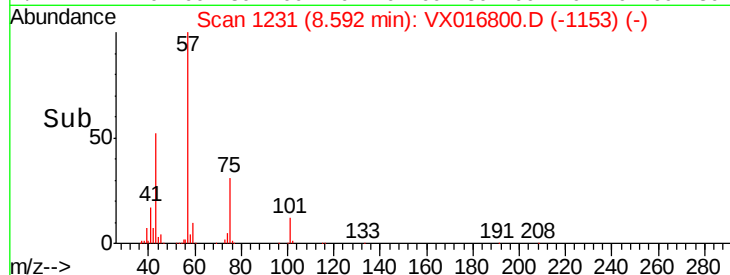
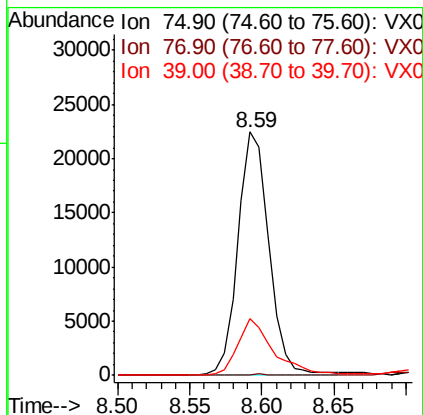
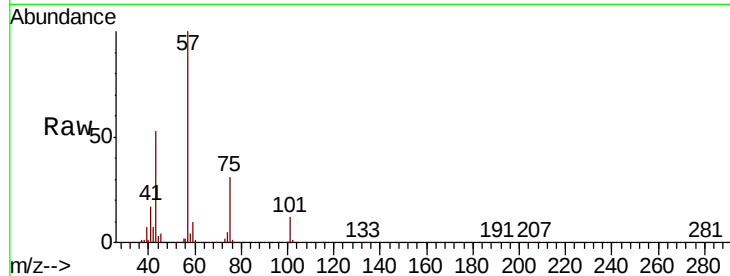


#54

cis-1,3-Dichloropropene
 Concen: 6.557 ug/l
 RT: 8.59 min Scan# 1231
 Delta R.T. 0.18 min
 Lab File: VX016800.D
 Acq: 17 Jun 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129533TB

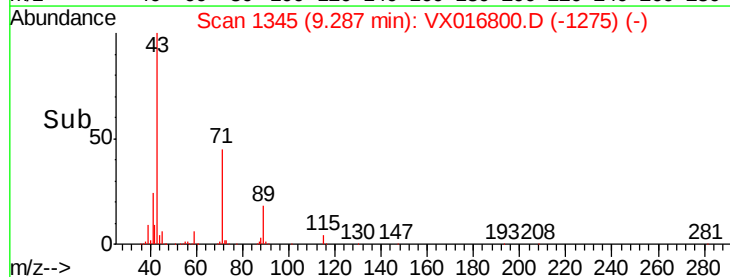
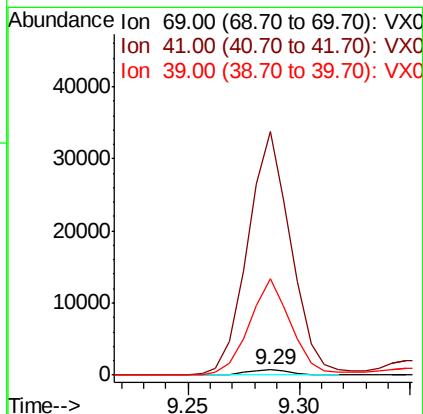
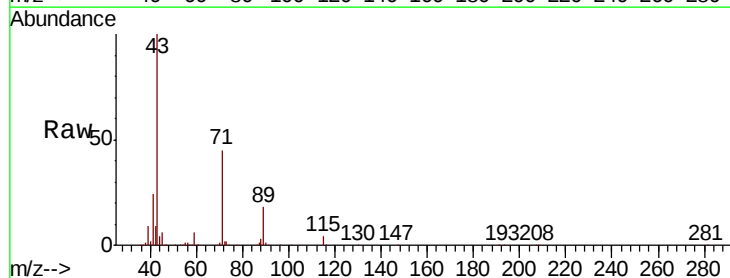
Tot Ion: 75 Resp: 33703
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.3 37.9#
 39 23.4 33.7 50.5#

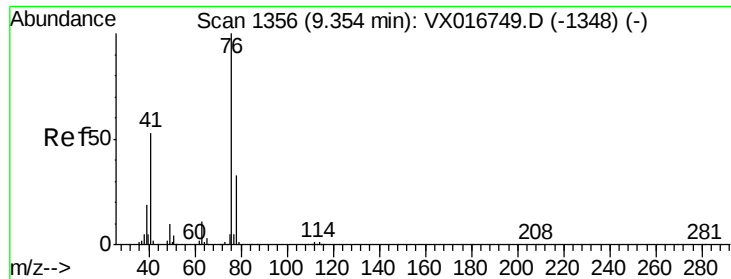


#56

Ethyl methacrylate
 Concen: 0.214 ug/l
 RT: 9.29 min Scan# 1345
 Delta R.T. 0.13 min
 Lab File: VX016800.D
 Acq: 17 Jun 2020 00:33

Tgt Ion: 69 Resp: 980
 Ion Ratio Lower Upper
 69 100
 41 4705.6 47.1 70.7#
 39 1793.8 25.0 37.6#





#57

1,3-Dichloropropane

Concen: 1.229 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.17 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

Instrument :

MSVOA_X

ClientSampled :

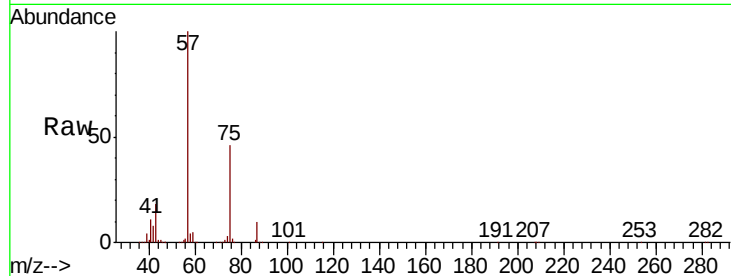
PB129533TB

Tot Ion: 76 Resp: 6322

Ion Ratio Lower Upper

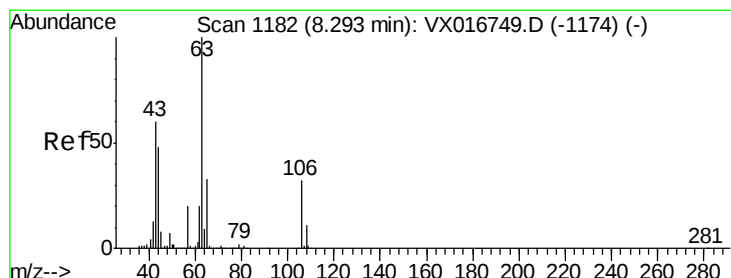
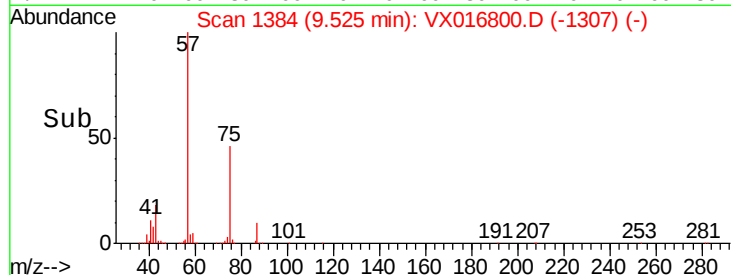
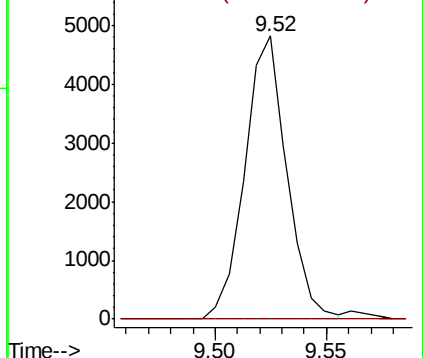
76 100

78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.208 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016800.D

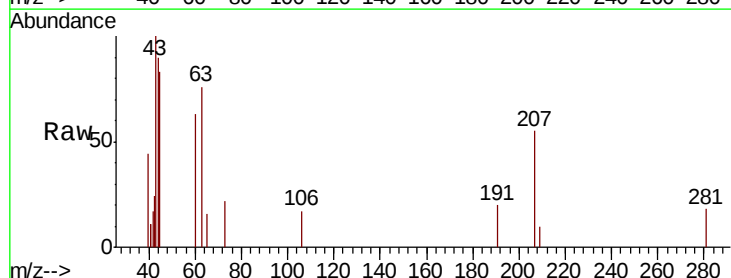
Acq: 17 Jun 2020 00:33

Tgt Ion: 63 Resp: 469

Ion Ratio Lower Upper

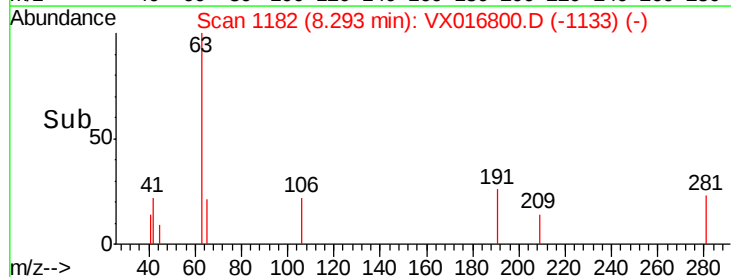
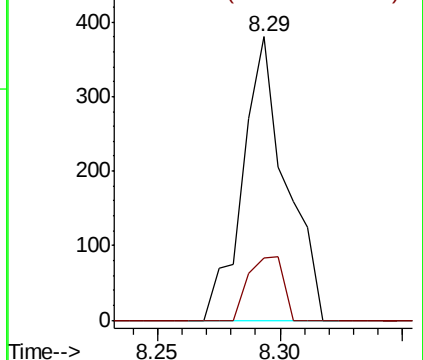
63 100

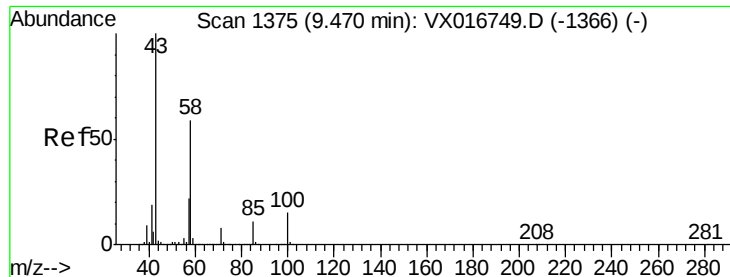
106 18.1 25.5 38.3#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

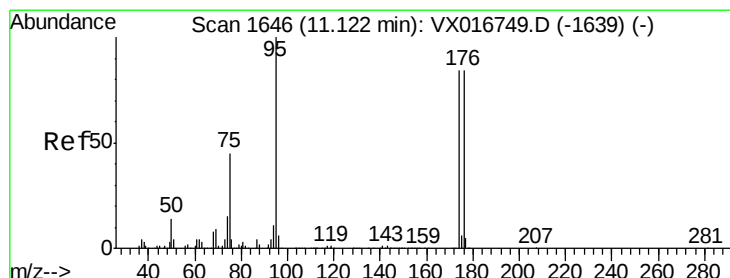
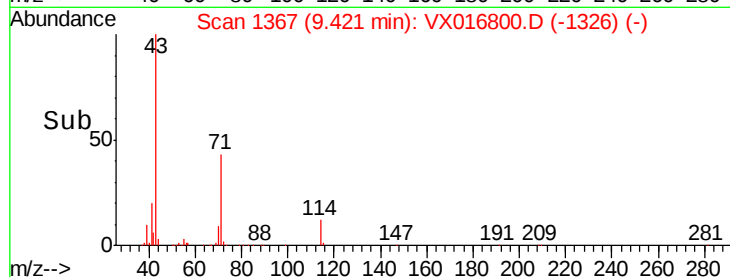
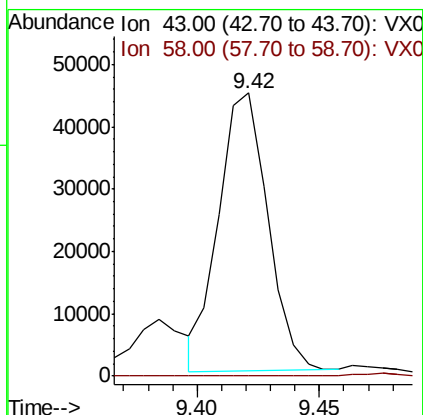
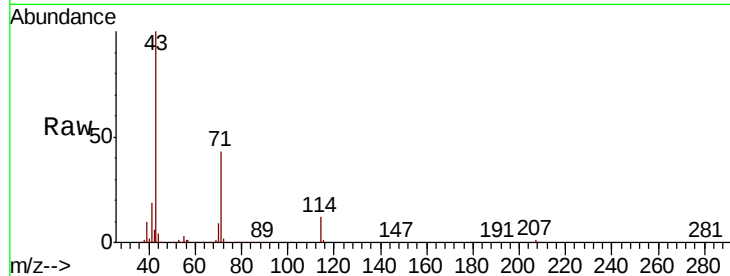




#59
2-Hexanone
Concen: 19.778 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VX016800.D
Acq: 17 Jun 2020 00:33

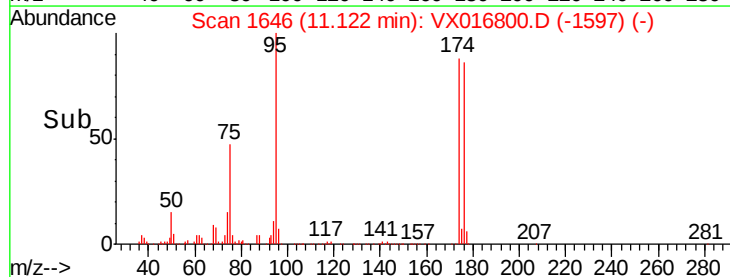
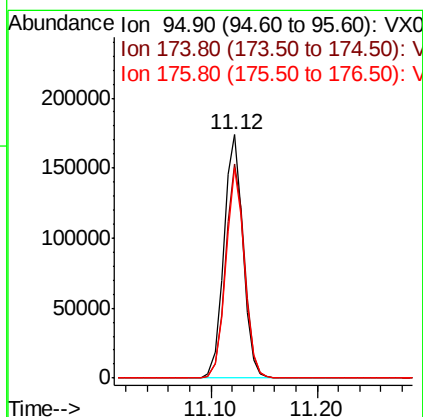
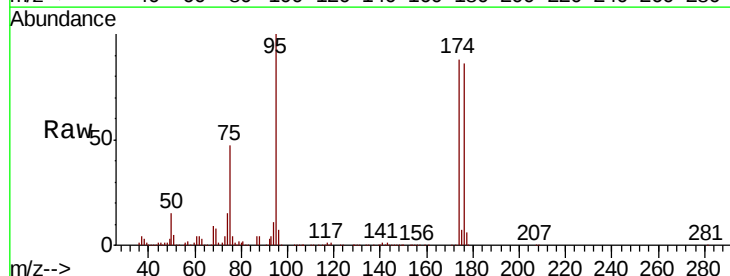
Instrument :
MSVOA_X
ClientSampleId :
PB129533TB

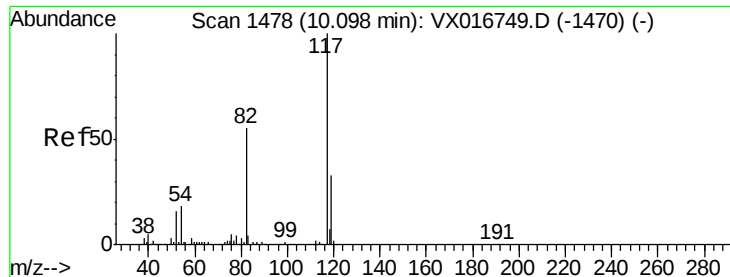
Tot Ion: 43 Resp: 62116
Ion Ratio Lower Upper
43 100
58 0.0 29.9 89.8#



#62
4-Bromofluorobenzene
Concen: 57.478 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016800.D
Acq: 17 Jun 2020 00:33

Tgt Ion: 95 Resp: 217716
Ion Ratio Lower Upper
95 100
174 87.8 0.0 171.0
176 84.4 0.0 166.2

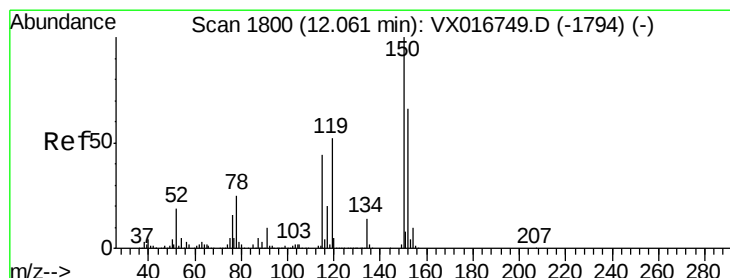
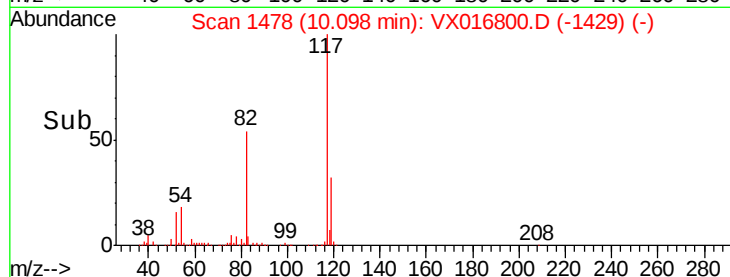
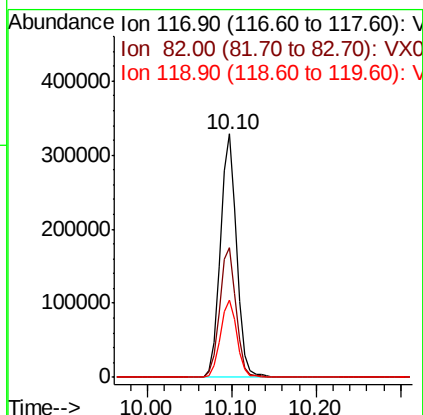
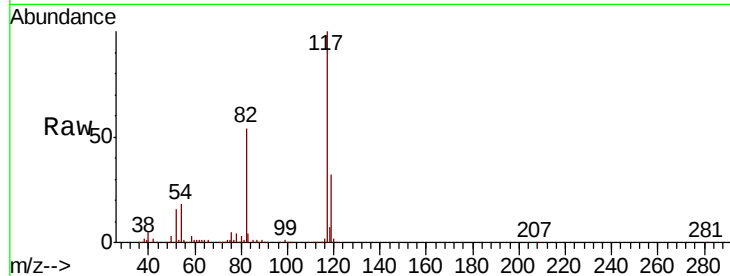




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016800.D
Acq: 17 Jun 2020 00:33

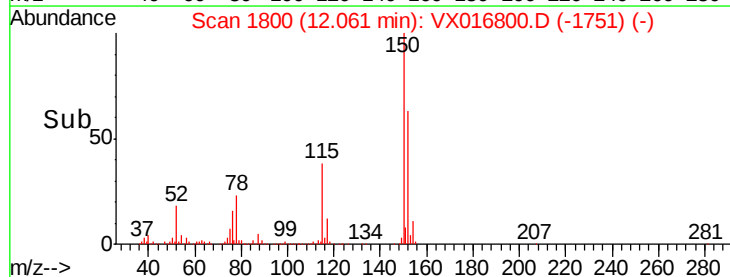
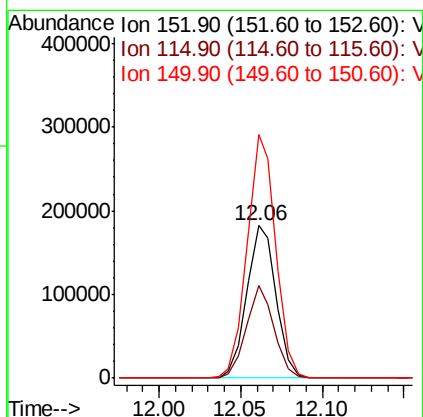
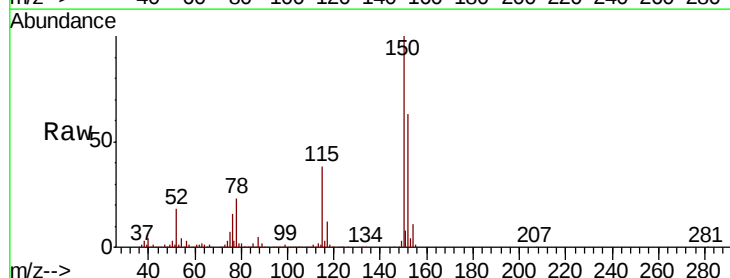
Instrument :
MSVOA_X
ClientSampleId :
PB129533TB

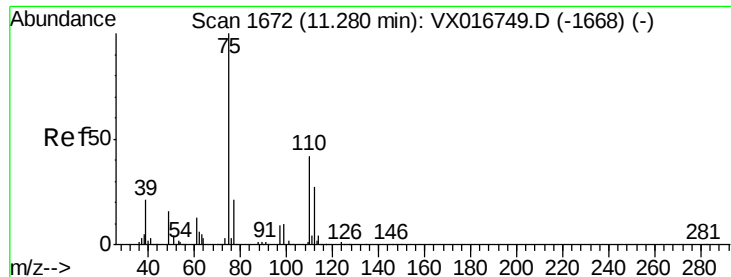
Tot Ion:117 Resp: 438753
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.6
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016800.D
Acq: 17 Jun 2020 00:33

Tgt Ion:152 Resp: 227483
Ion Ratio Lower Upper
152 100
115 57.7 40.3 120.8
150 156.6 0.0 337.4





#76

1,2,3-Trichloropropane

Concen: 21.373 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

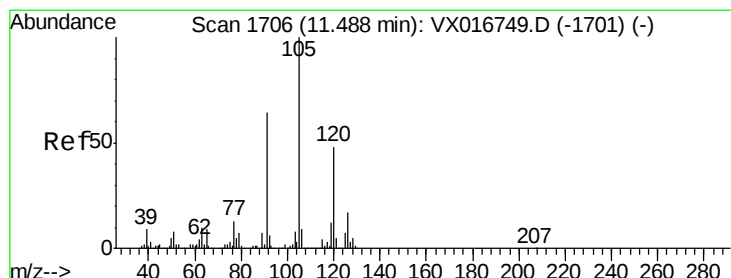
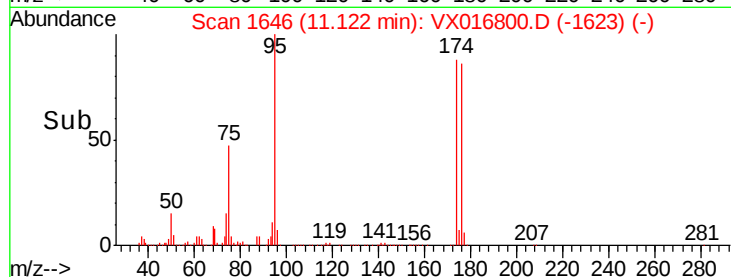
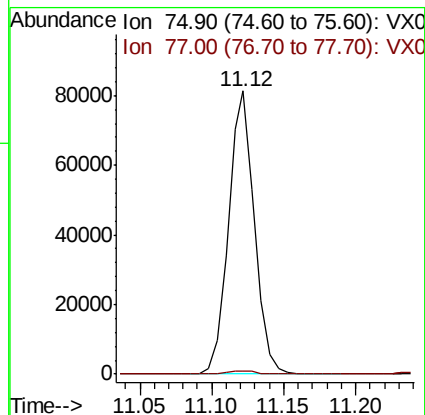
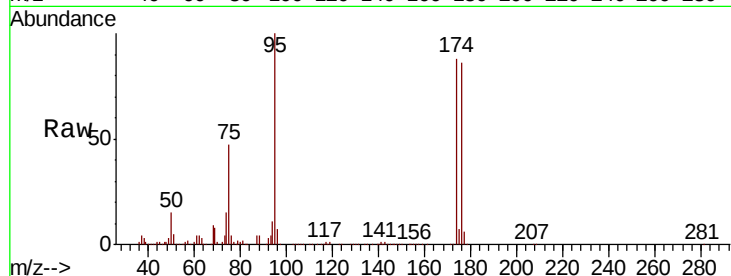
PB129533TB

Tot Ion: 75 Resp: 102247

Ion Ratio Lower Upper

75 100

77 1.2 20.3 60.9#



#80

1,3,5-Trimethylbenzene

Concen: 0.241 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016800.D

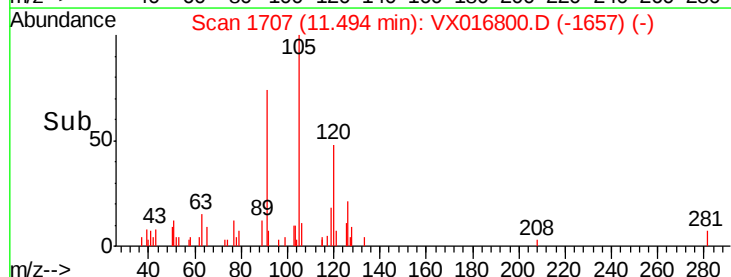
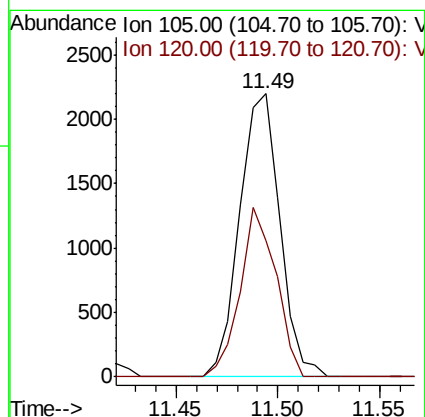
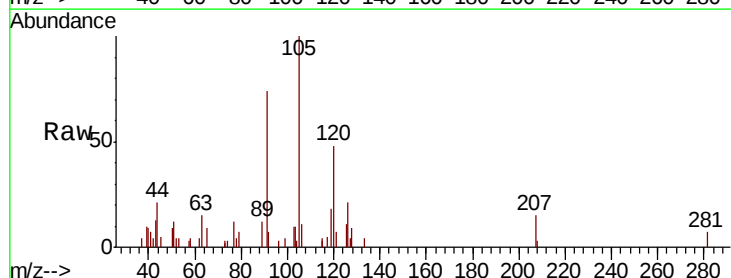
Acq: 17 Jun 2020 00:33

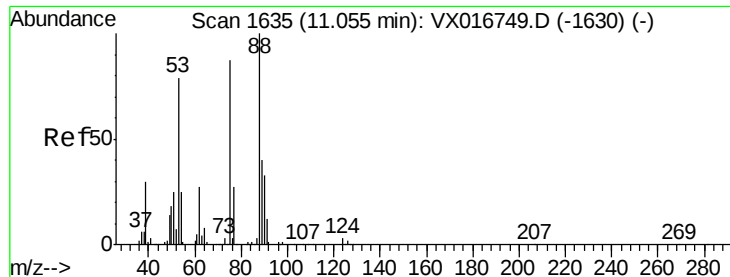
Tgt Ion:105 Resp: 3013

Ion Ratio Lower Upper

105 100

120 53.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 53.807 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

Instrument :

MSVOA_X

ClientSampled :

PB129533TB

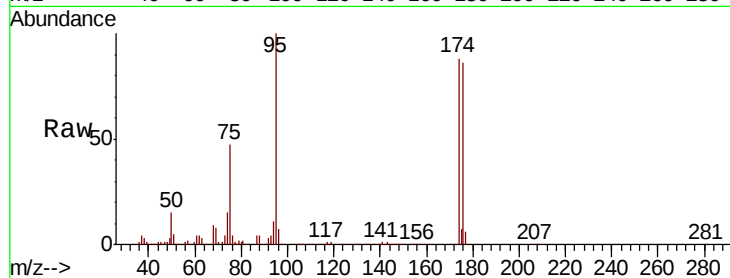
Tot Ion: 75 Resp: 102247

Ion Ratio Lower Upper

75 100

53 0.1 71.4 107.0#

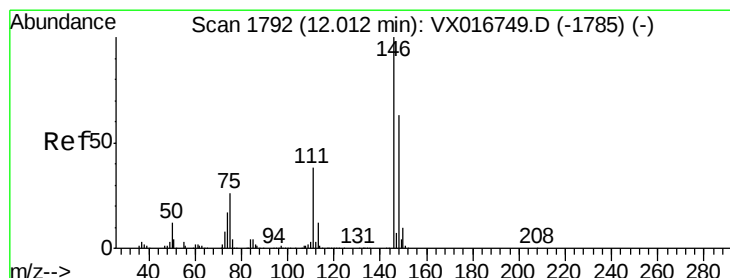
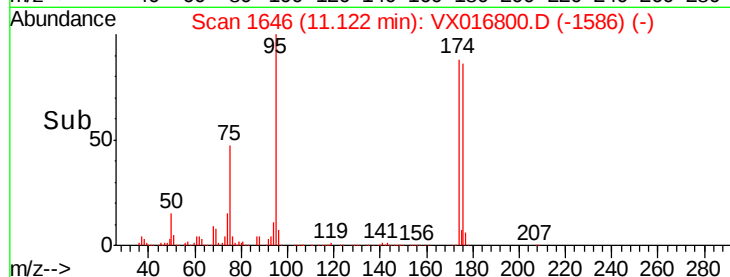
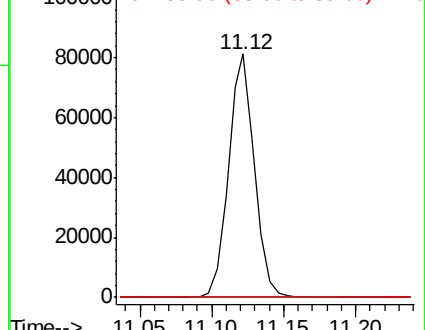
89 0.0 39.1 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#87

1,3-Dichlorobenzene

Concen: 0.209 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

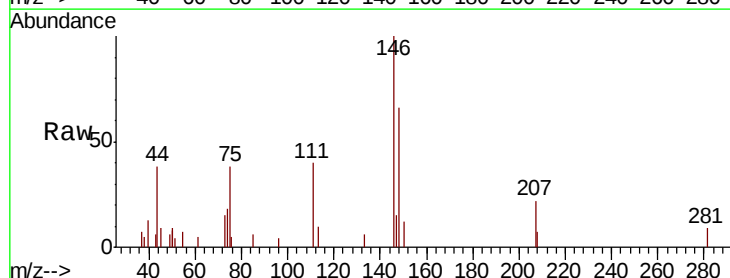
Tgt Ion: 146 Resp: 1487

Ion Ratio Lower Upper

146 100

111 43.2 19.8 59.3

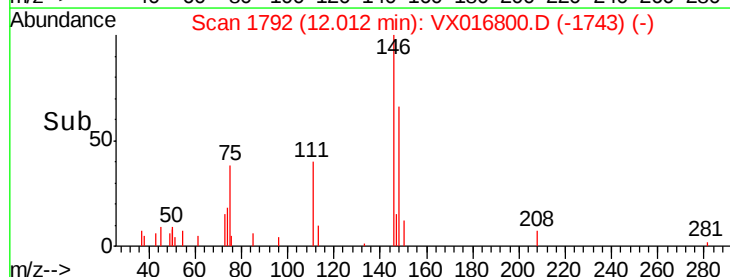
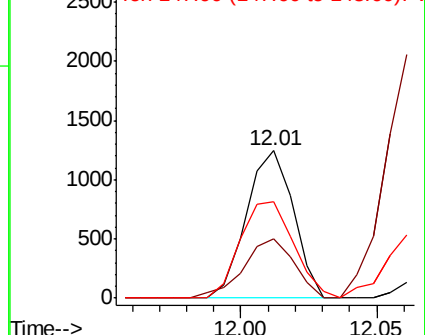
148 74.6 31.9 95.7

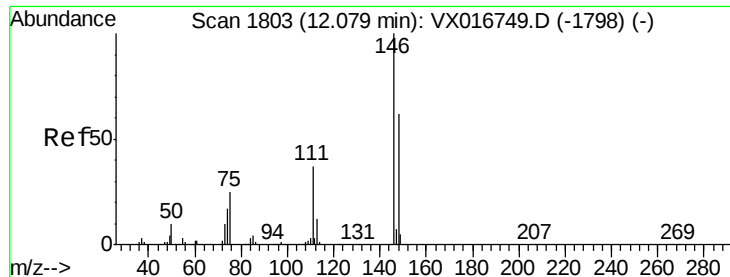


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.201 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.07 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

PB129533TB

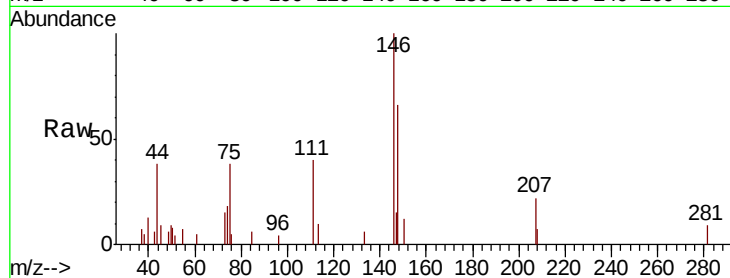
Tot Ion:146 Resp: 1487

Ion Ratio Lower Upper

146 100

111 43.2 19.3 57.8

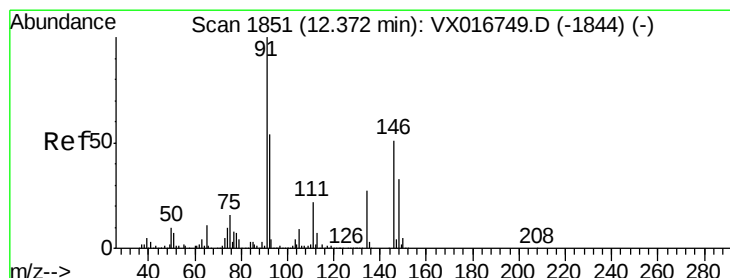
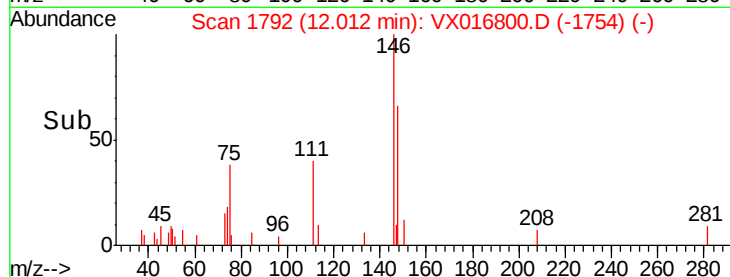
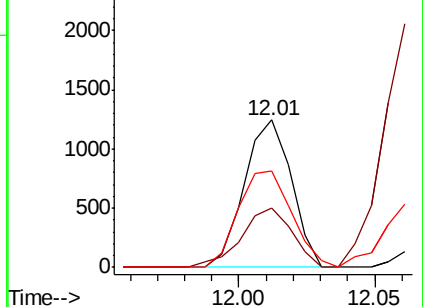
148 74.6 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.291 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

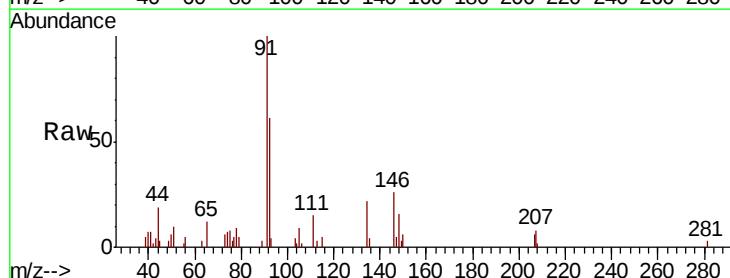
Tgt Ion: 91 Resp: 3092

Ion Ratio Lower Upper

91 100

92 62.9 27.0 80.8

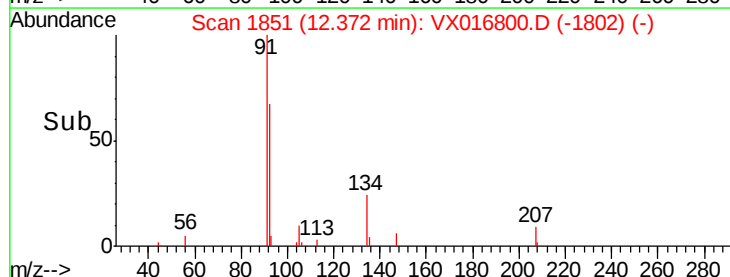
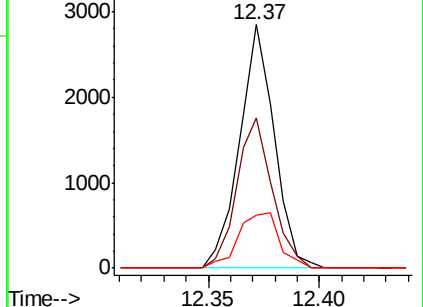
134 26.8 13.7 41.0

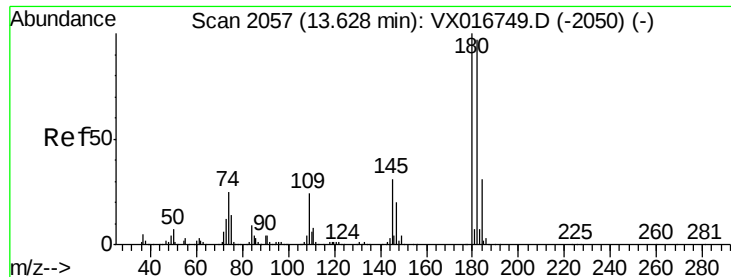


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

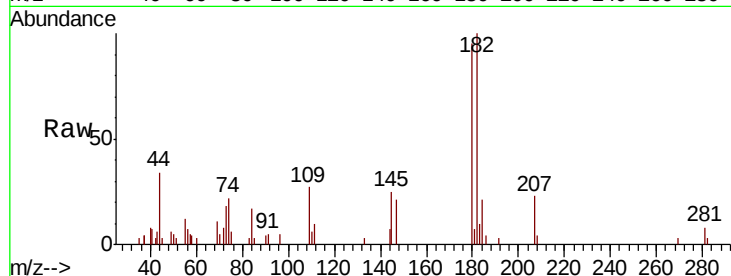




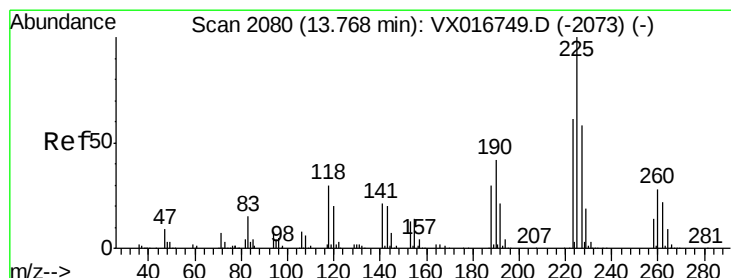
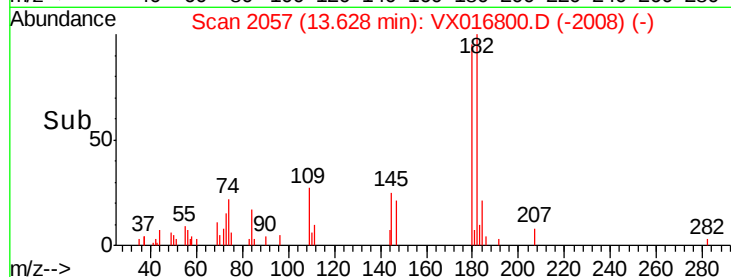
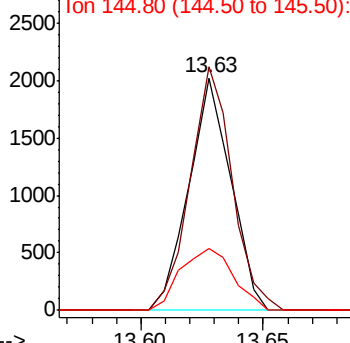
#93
 1,2,4-Trichlorobenzene
 Concen: 0.483 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016800.D
 Acq: 17 Jun 2020 00:33

Instrument :
 MSVOA_X
 ClientSampled :
 PB129533TB

Tot Ion:180 Resp: 2410
 Ion Ratio Lower Upper
 180 100
 182 105.1 48.6 145.8
 145 33.4 15.4 46.4

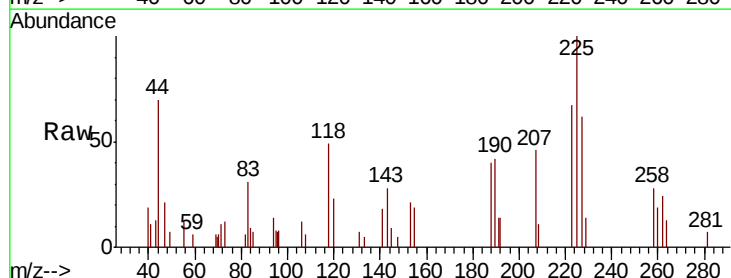


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

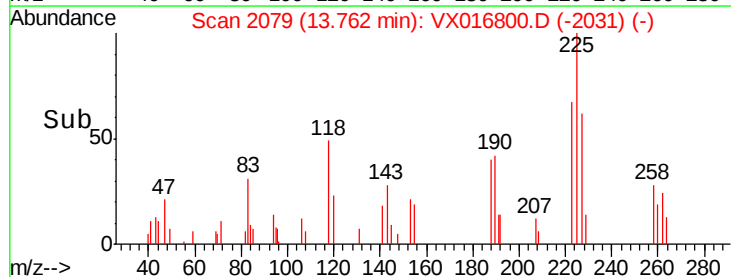
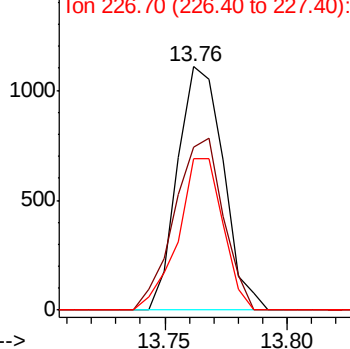


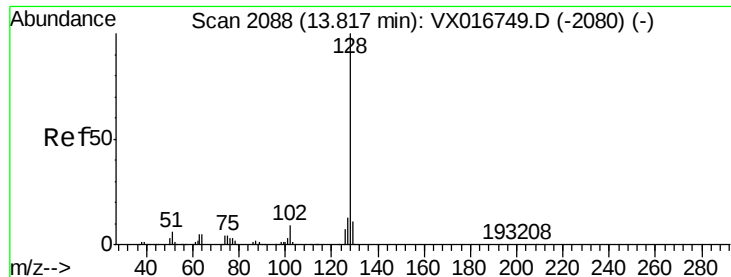
#94
 Hexachlorobutadiene
 Concen: 1.065 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016800.D
 Acq: 17 Jun 2020 00:33

Tgt Ion:225 Resp: 1442
 Ion Ratio Lower Upper
 225 100
 223 75.2 31.1 93.5
 227 61.1 30.9 92.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.324 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

PB129533TB

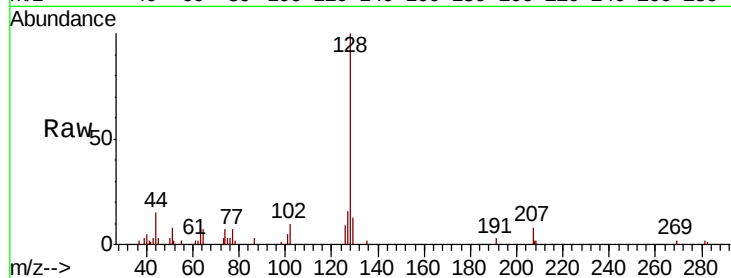
Tot Ion:128 Resp: 5061

Ion Ratio Lower Upper

128 100

127 16.0 10.2 15.4#

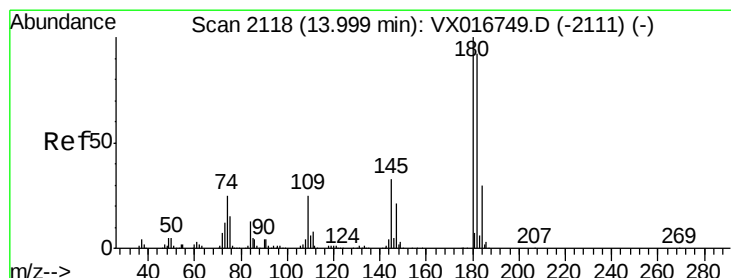
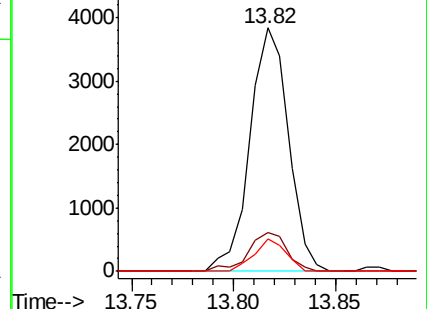
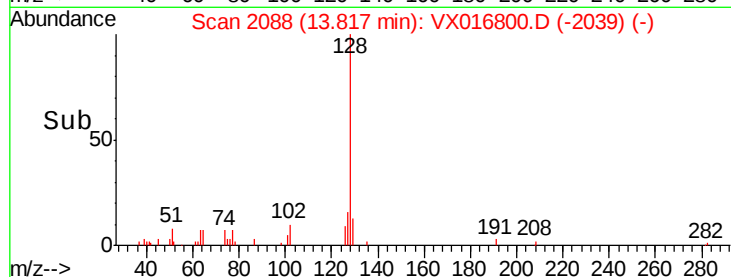
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.494 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016800.D

Acq: 17 Jun 2020 00:33

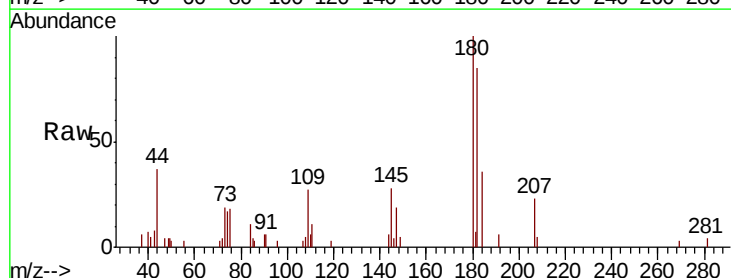
Tgt Ion:180 Resp: 2427

Ion Ratio Lower Upper

180 100

182 89.2 47.1 141.4

145 33.0 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

