

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008849.D
 Acq On : 19 May 2022 05:42
 Operator : KP/MD
 Sample : N2868-02
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-0612-01

Quant Time: May 19 06:57:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

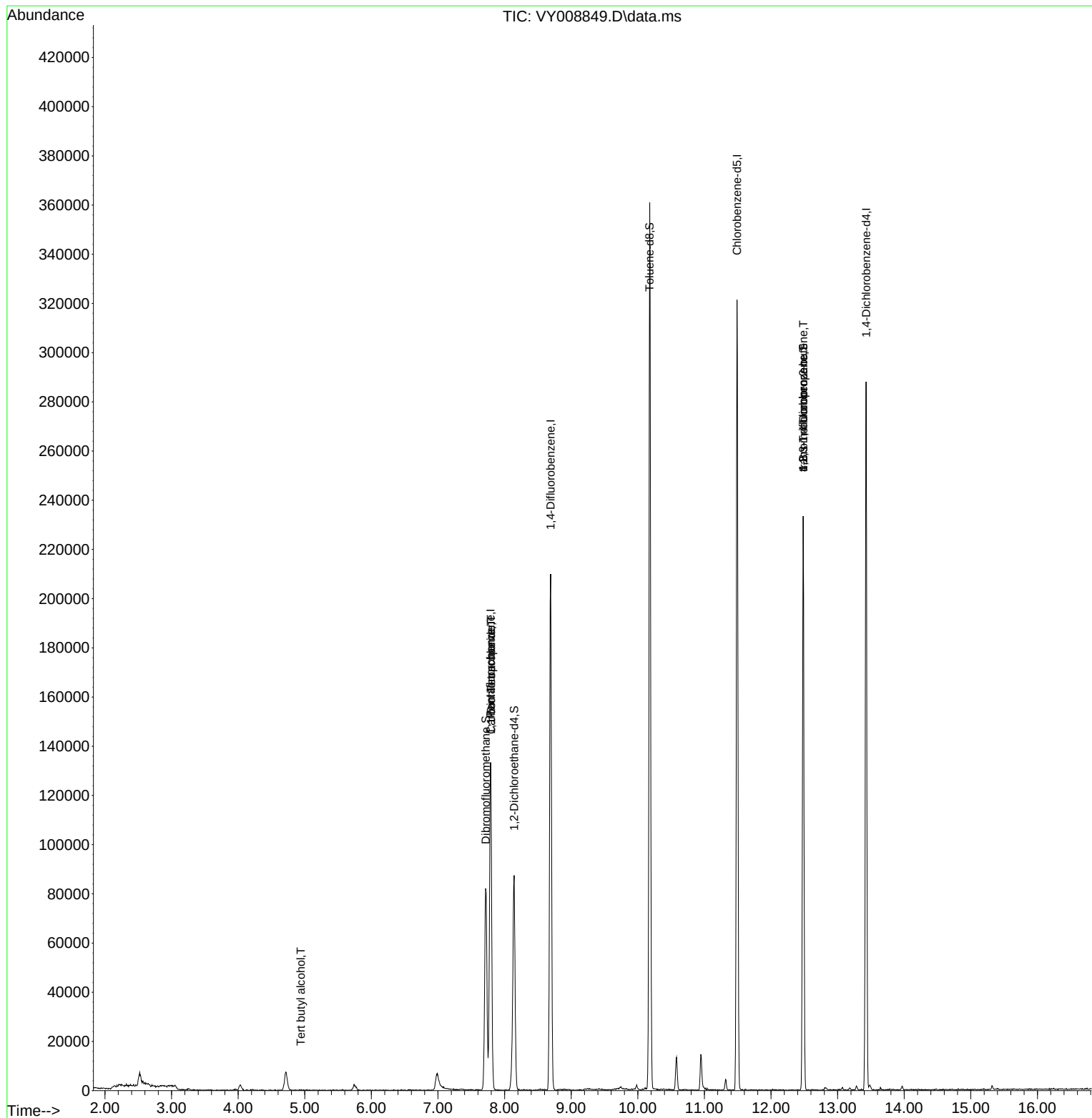
Internal Standards						
1) Pentafluorobenzene	7.789	168	102436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	167045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60113	63.257	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.520%			
35) Dibromofluoromethane	7.715	113	56345	53.511	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.020%			
50) Toluene-d8	10.178	98	224720	48.139	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.280%			
62) 4-Bromofluorobenzene	12.483	95	61477	37.726	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 75.460%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.156	50	49	Below Cal	#	44
4) Vinyl Chloride	2.241	62	45	Below Cal	#	43
5) Bromomethane	2.643	94	132	Below Cal	#	4
6) Chloroethane	2.808	64	19	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	188	1.790	ug/l #	77
16) Acetone	3.954	43	640	Below Cal	#	47
17) Carbon Disulfide	4.210	76	20	Below Cal	#	75
18) Methyl Acetate	4.247	43	58	Below Cal	#	56
20) Methylene Chloride	4.722	84	5658	Below Cal	#	81
31) Cyclohexane	7.783	56	2345	Below Cal	#	7
36) 1,1-Dichloropropene	7.795	75	8636	5.121	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10434	5.773	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	35167	43.782	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35167	95.764	ug/l #	7

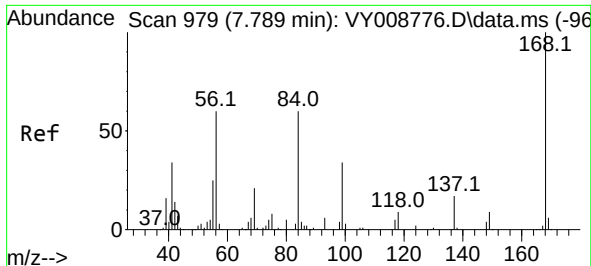
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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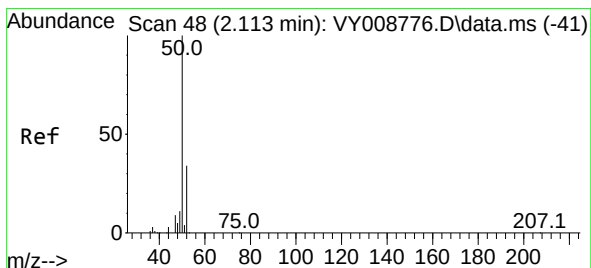
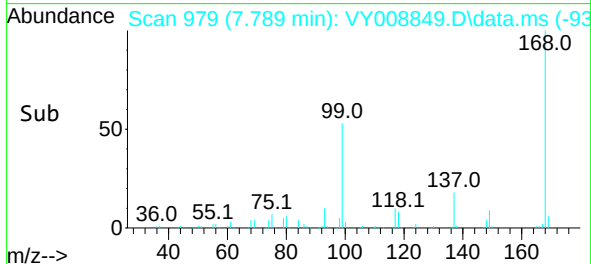
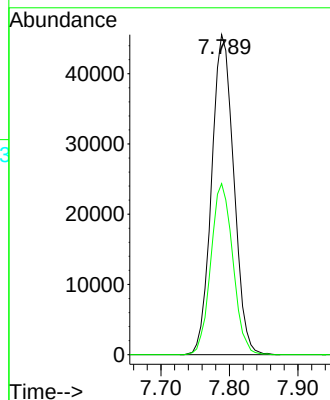
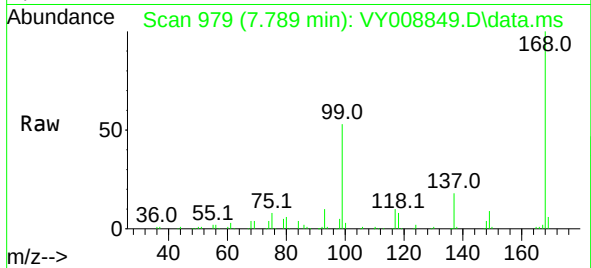




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008849.D
Acq: 19 May 2022 05:42

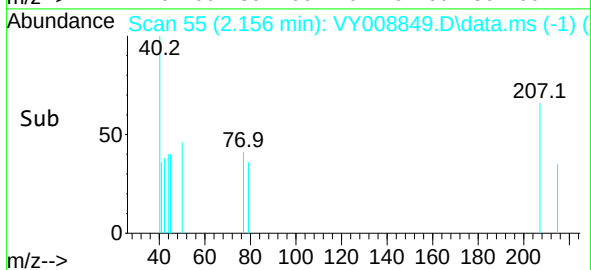
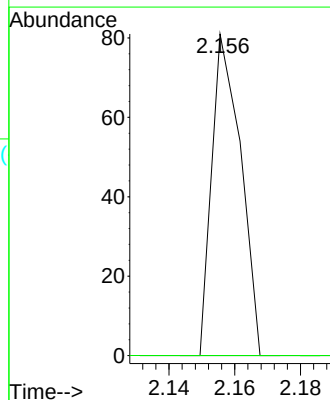
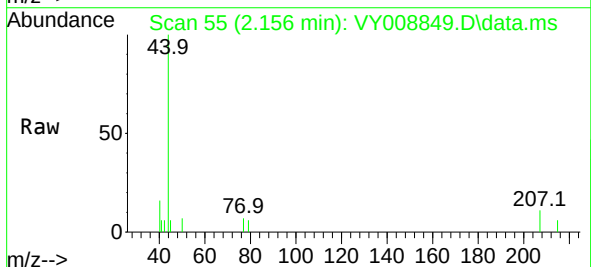
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0612-01

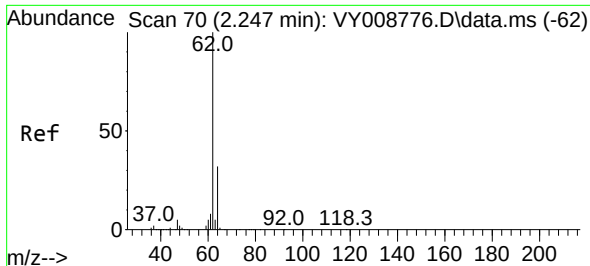
Tgt Ion:168 Resp: 102436
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.156 min Scan# 55
Delta R.T. 0.043 min
Lab File: VY008849.D
Acq: 19 May 2022 05:42

Tgt Ion: 50 Resp: 49
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

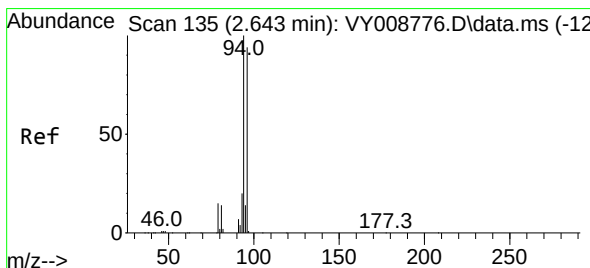
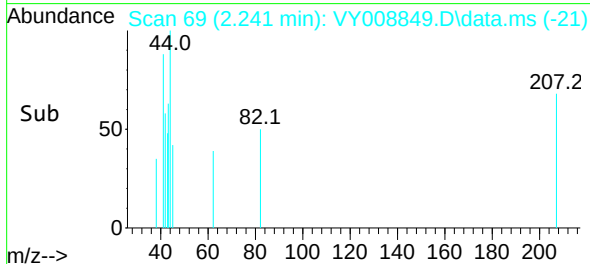
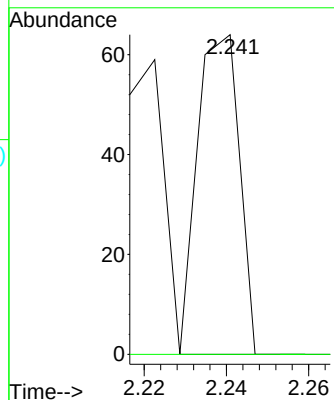
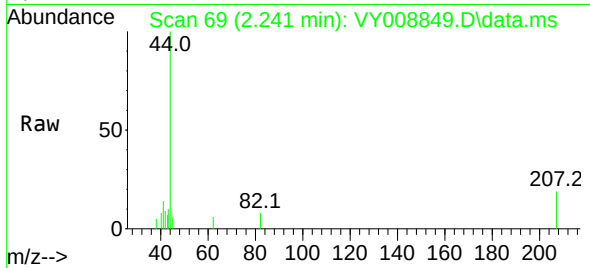




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.241 min Scan# 64
 Delta R.T. -0.006 min
 Lab File: VY008849.D
 Acq: 19 May 2022 05:42

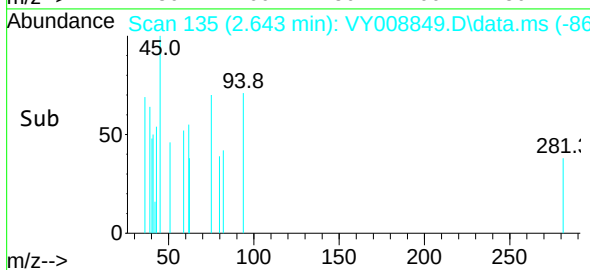
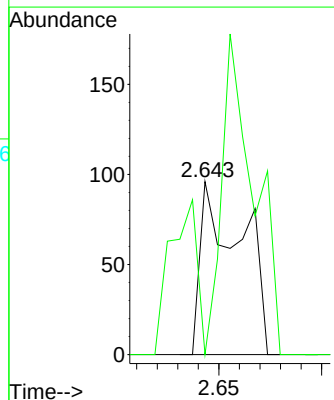
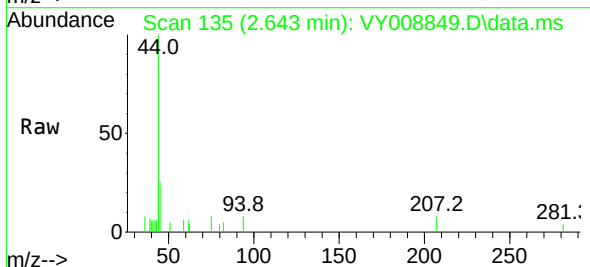
Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-0612-01

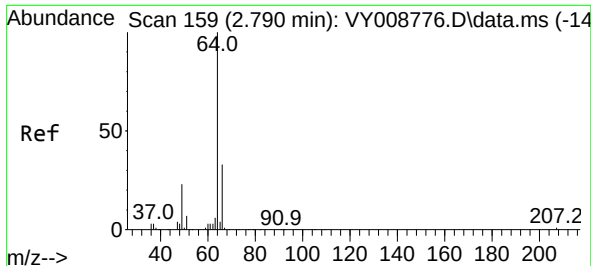
Tgt Ion: 62 Resp: 45
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.643 min Scan# 135
 Delta R.T. 0.000 min
 Lab File: VY008849.D
 Acq: 19 May 2022 05:42

Tgt Ion: 94 Resp: 132
 Ion Ratio Lower Upper
 94 100
 96 0.0 73.5 110.3#

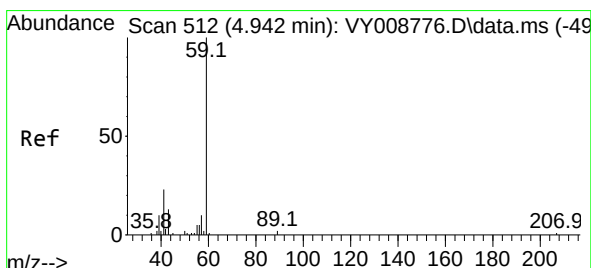
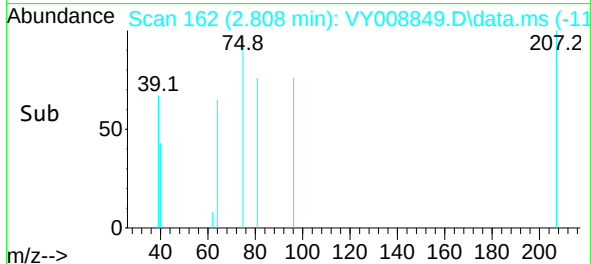
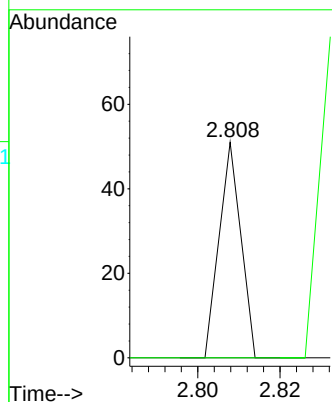
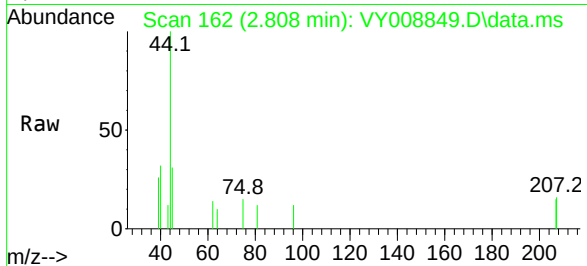




#6
Chloroethane
Concen: Below Cal
RT: 2.808 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY008849.D
Acq: 19 May 2022 05:42

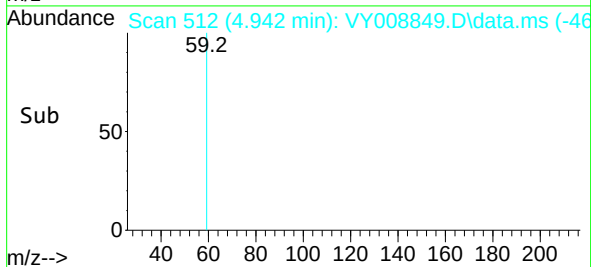
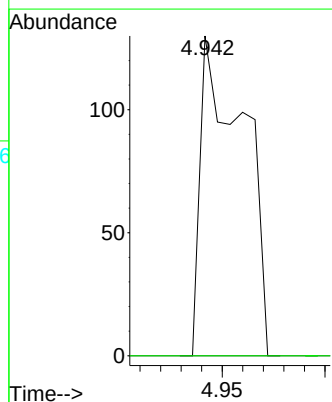
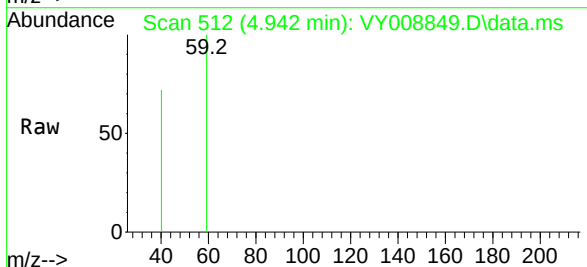
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0612-01

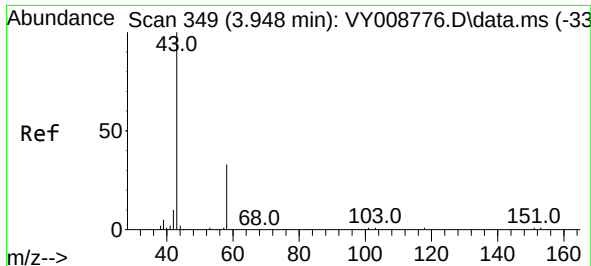
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 1.790 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY008849.D
Acq: 19 May 2022 05:42

Tgt Ion: 59 Resp: 188
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: Below Cal

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY008849.D

Acq: 19 May 2022 05:42

Instrument :

MSVOA_Y

ClientSampleId :

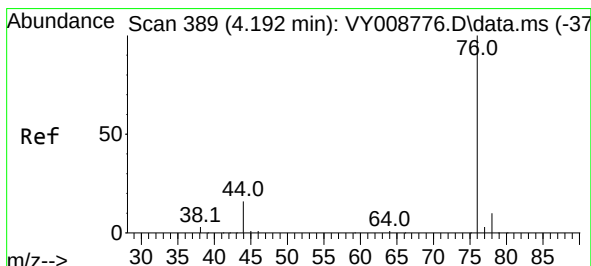
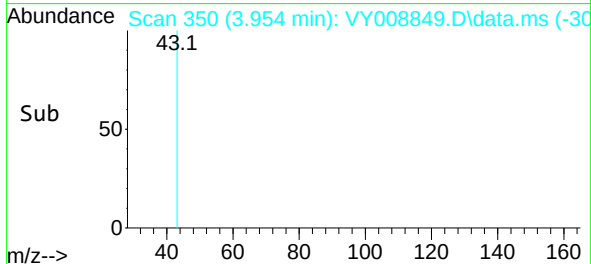
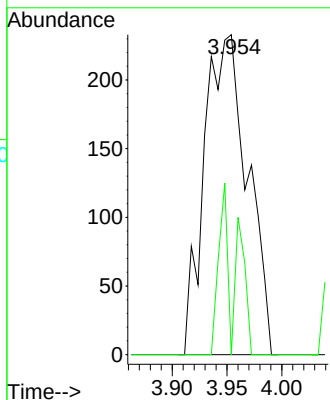
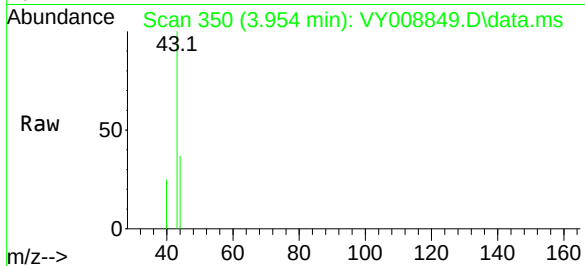
P017-SS001-0612-01

Tgt Ion: 43 Resp: 640

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.210 min Scan# 392

Delta R.T. 0.018 min

Lab File: VY008849.D

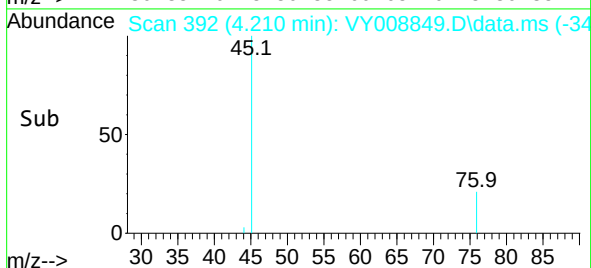
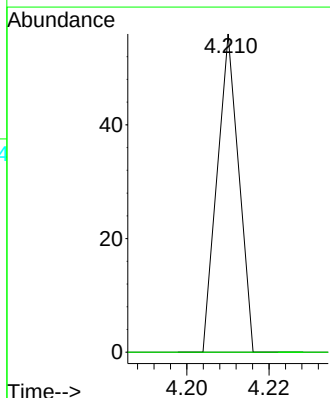
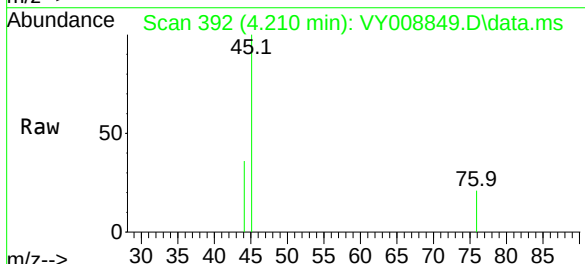
Acq: 19 May 2022 05:42

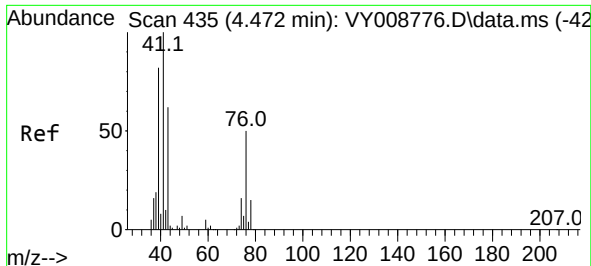
Tgt Ion: 76 Resp: 20

Ion Ratio Lower Upper

76 100

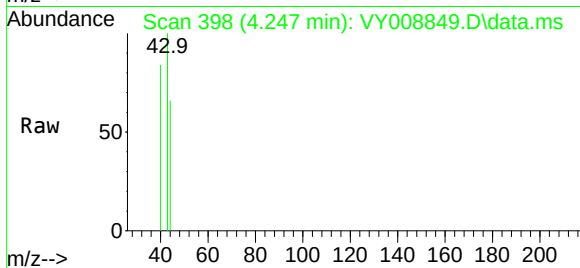
78 0.0 7.4 11.0#



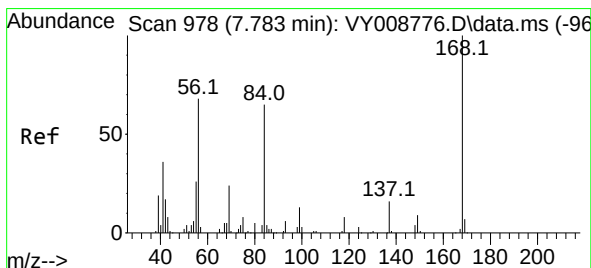
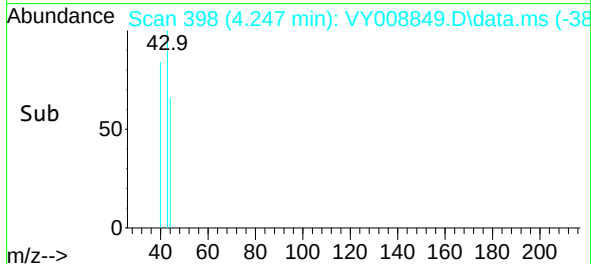
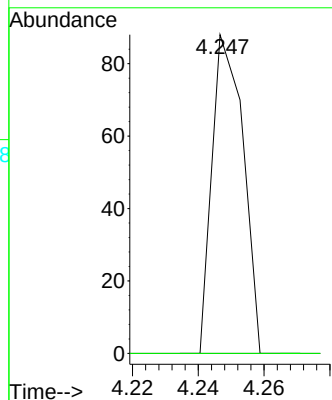


#18
Methyl Acetate
Concen: Below Cal
RT: 4.247 min Scan# 398
Delta R.T. -0.225 min
Lab File: VY008849.D
Acq: 19 May 2022 05:42

Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0612-01

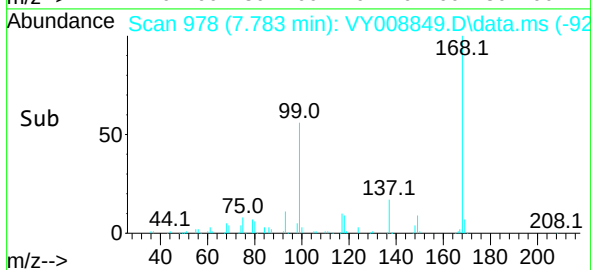
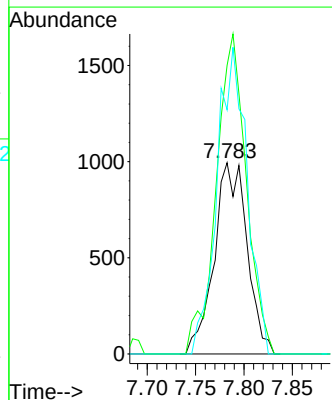
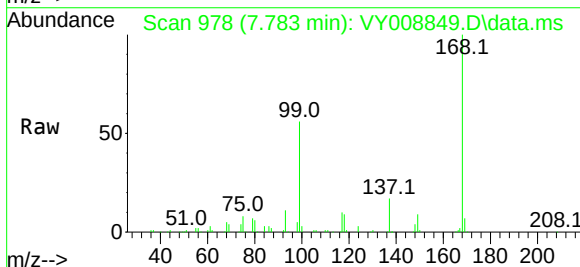


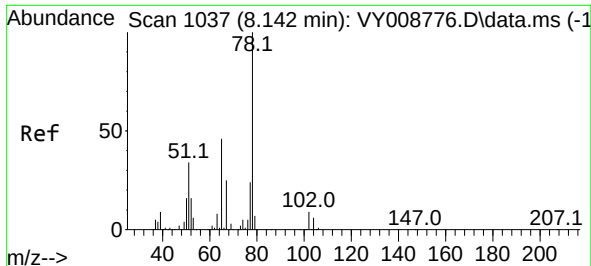
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008849.D
Acq: 19 May 2022 05:42

Tgt Ion: 56 Resp: 2345
Ion Ratio Lower Upper
56 100
69 150.9 26.7 40.1#
84 127.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.257 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY008849.D

Acq: 19 May 2022 05:42

Instrument :

MSVOA_Y

ClientSampleId :

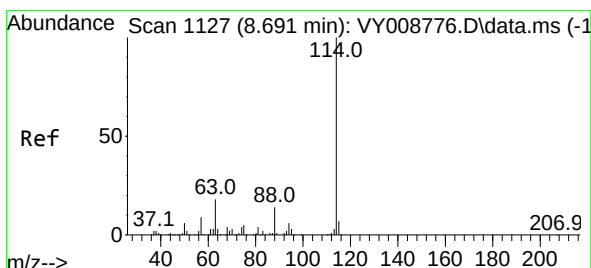
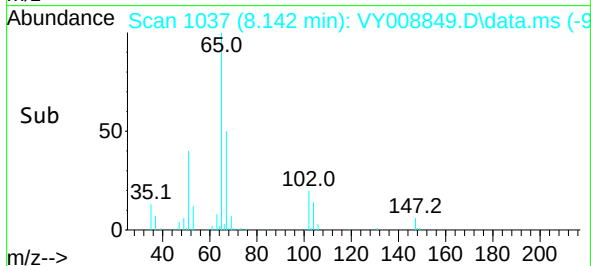
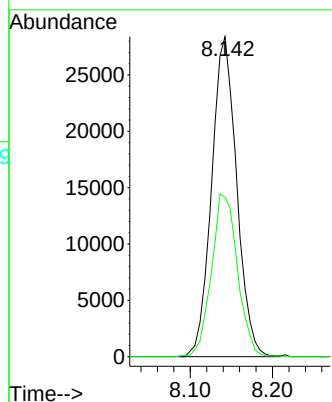
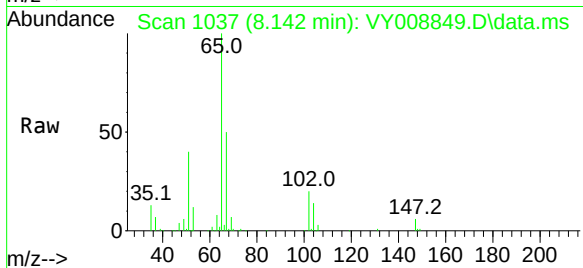
P017-SS001-0612-01

Tgt Ion: 65 Resp: 60113

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008849.D

Acq: 19 May 2022 05:42

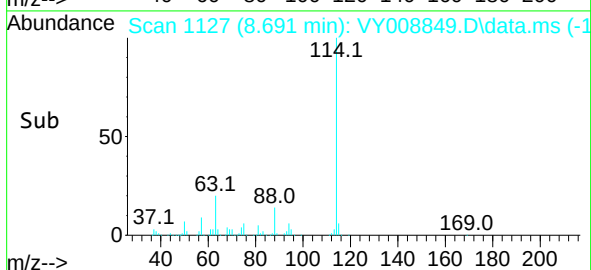
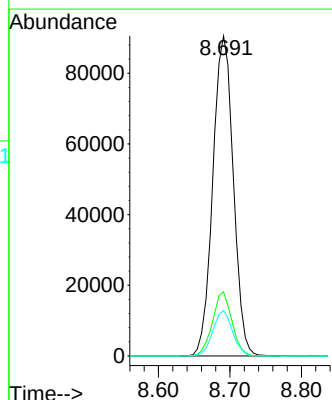
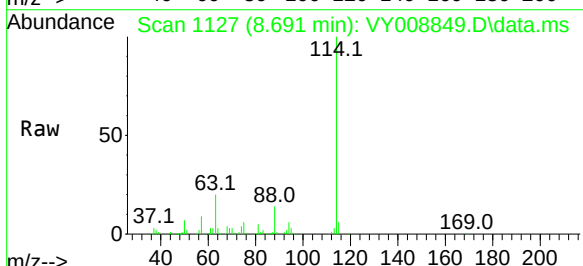
Tgt Ion: 114 Resp: 180216

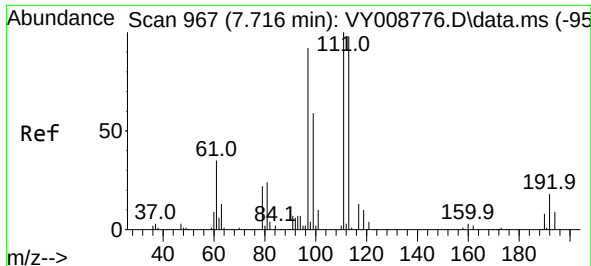
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

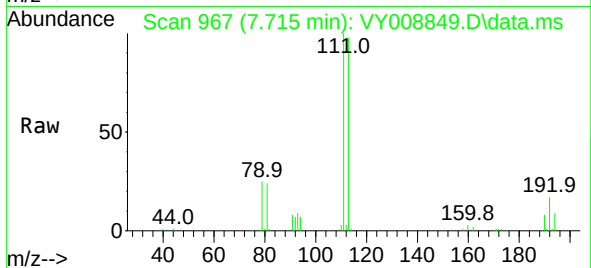
88 14.2 0.0 31.8



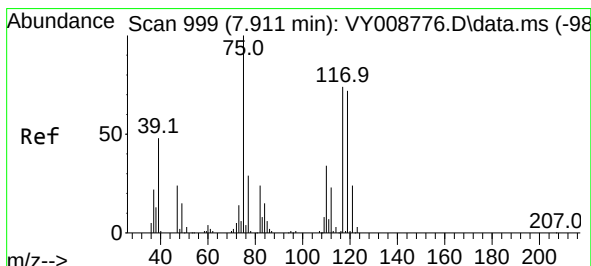
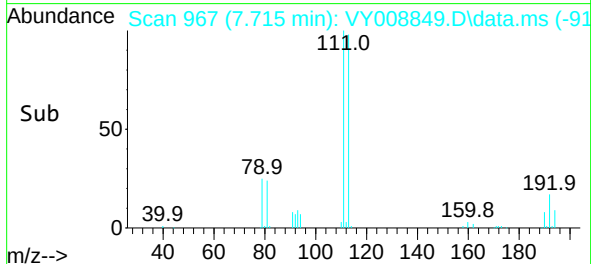
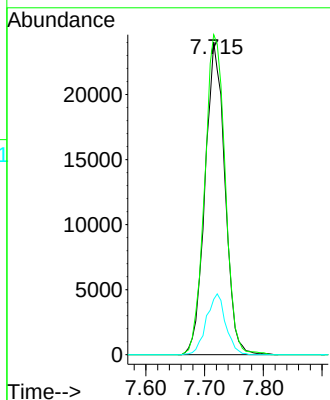


#35
Dibromofluoromethane
Concen: 53.511 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008849.D
Acq: 19 May 2022 05:42

Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0612-01

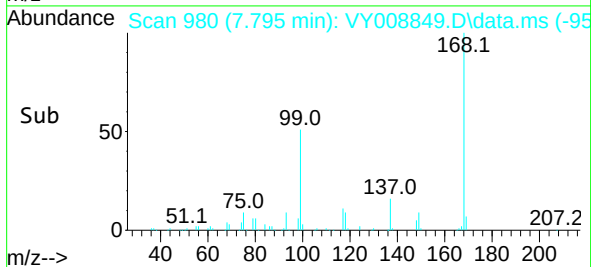
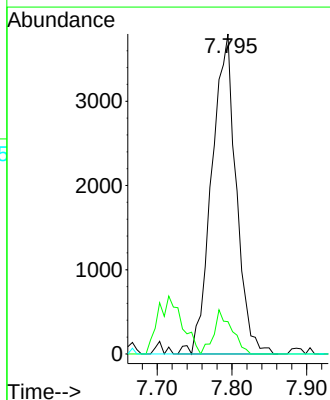
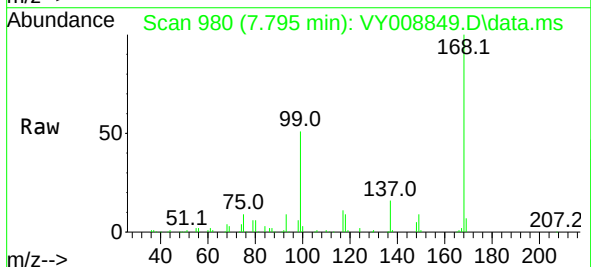


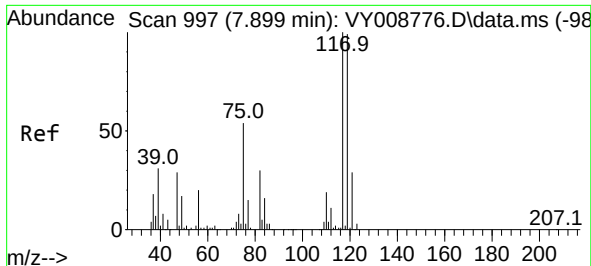
Tgt Ion:113 Resp: 56345
Ion Ratio Lower Upper
113 100
111 105.8 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.121 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY008849.D
Acq: 19 May 2022 05:42

Tgt Ion: 75 Resp: 8636
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#

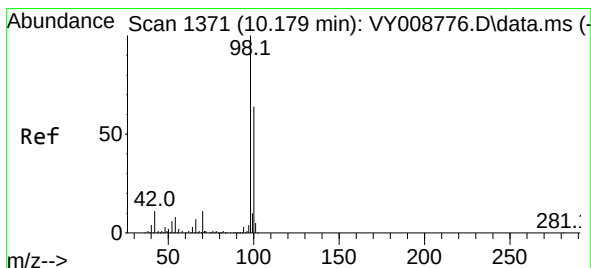
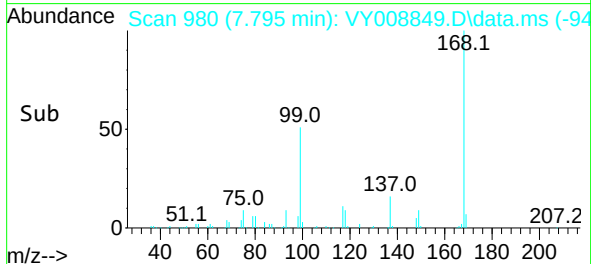
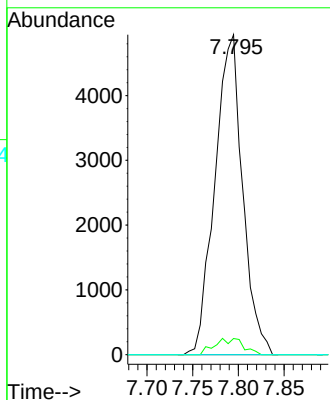
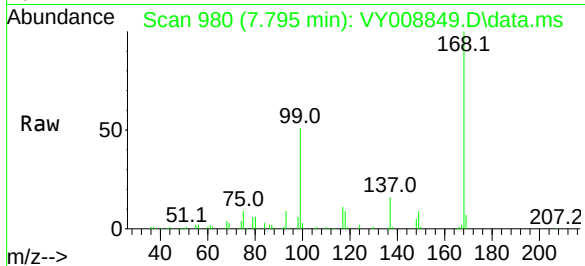




#38
Carbon Tetrachloride
Concen: 5.773 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008849.D
Acq: 19 May 2022 05:42

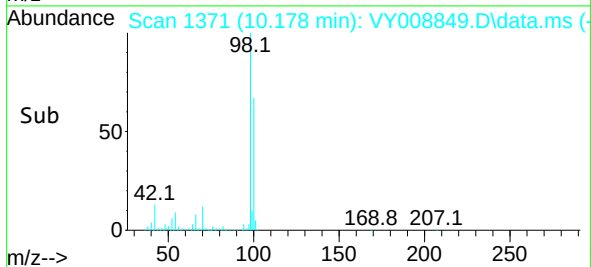
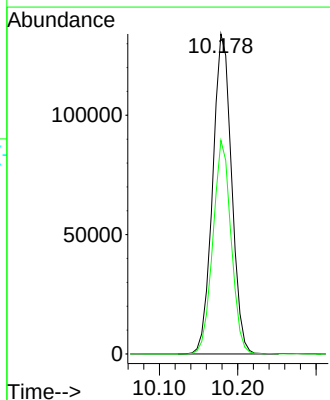
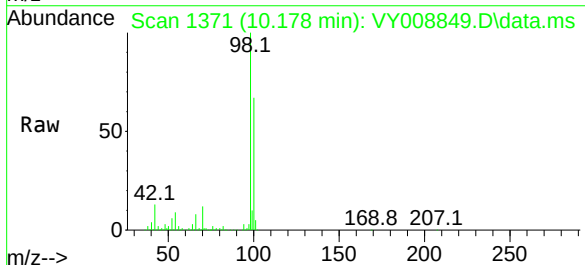
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0612-01

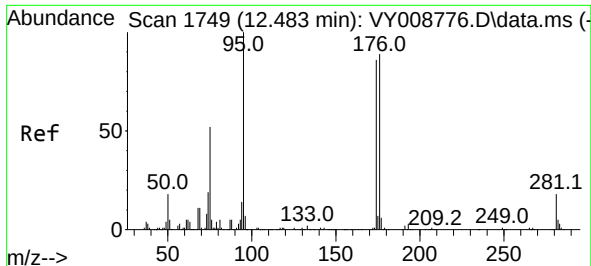
Tgt Ion:117 Resp: 10434
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.139 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY008849.D
Acq: 19 May 2022 05:42

Tgt Ion: 98 Resp: 224720
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

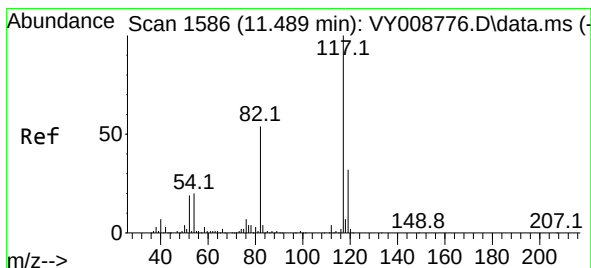
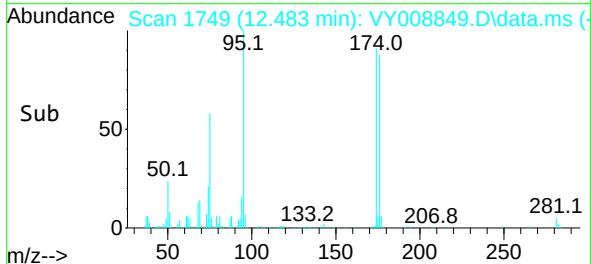
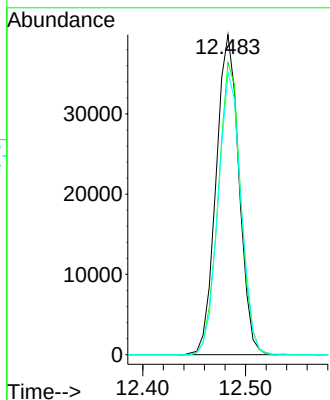
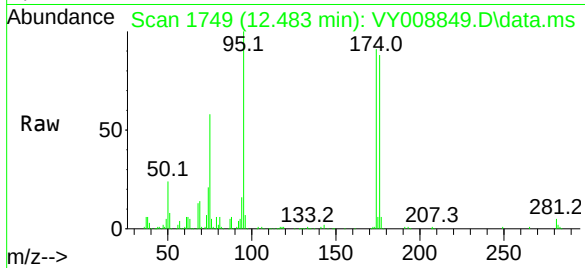




#62
4-Bromofluorobenzene
Concen: 37.726 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008849.D
Acq: 19 May 2022 05:42

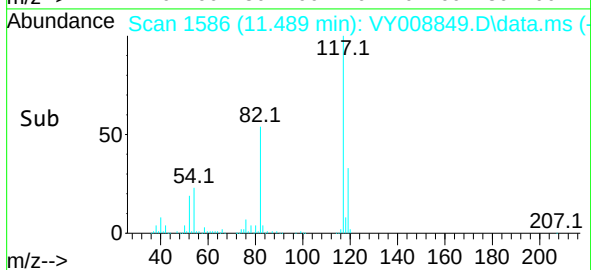
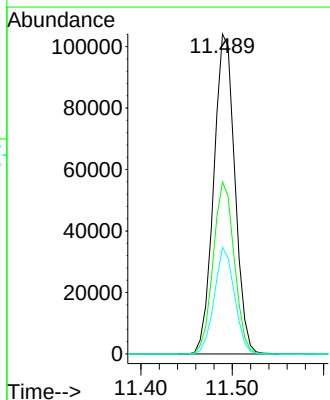
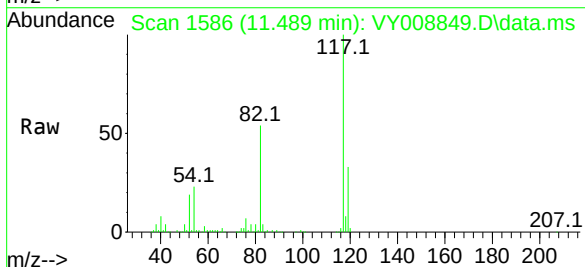
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0612-01

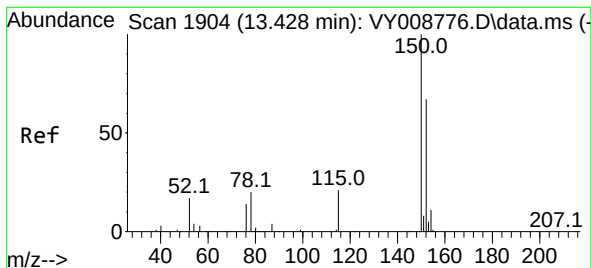
Tgt Ion: 95 Resp: 61477
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.0
176 87.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008849.D
Acq: 19 May 2022 05:42

Tgt Ion: 117 Resp: 167045
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 33.2 25.4 38.0

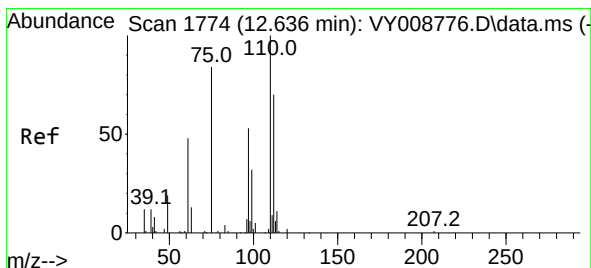
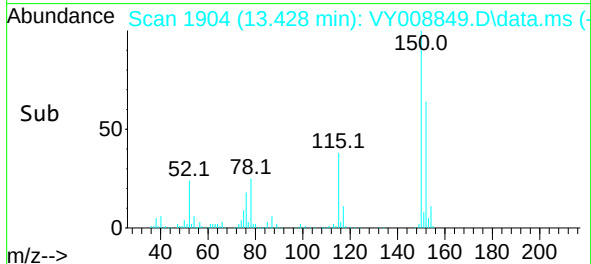
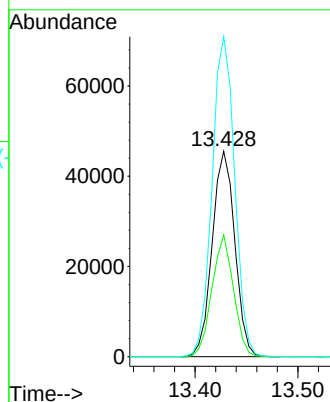
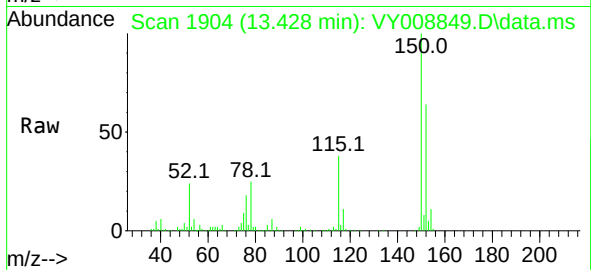




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008849.D
 Acq: 19 May 2022 05:42

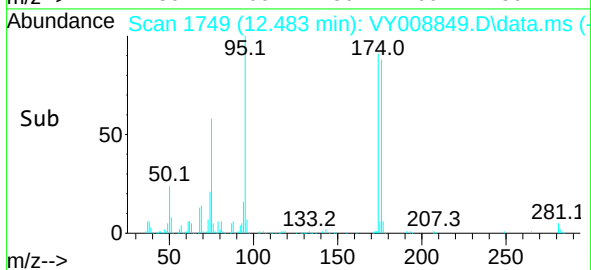
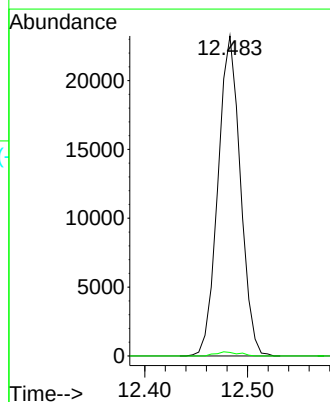
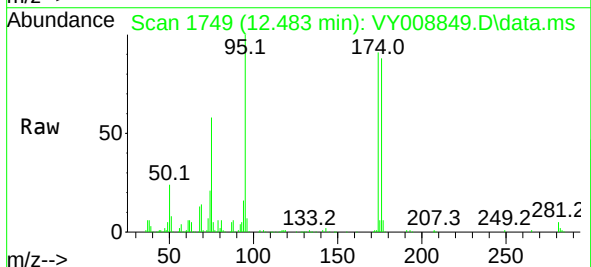
Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-0612-01

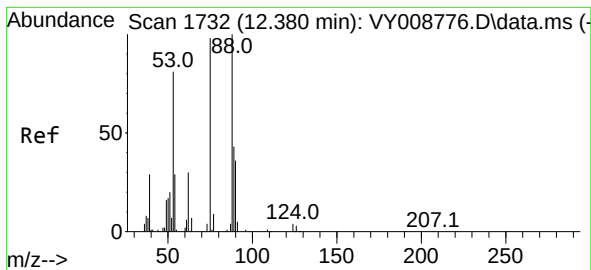
Tgt Ion:152 Resp: 69535
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 155.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.782 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY008849.D
 Acq: 19 May 2022 05:42

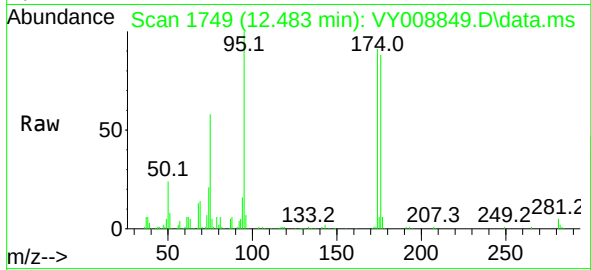
Tgt Ion: 75 Resp: 35167
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.764 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008849.D
 Acq: 19 May 2022 05:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-0612-01



Tgt Ion: 75 Resp: 35167
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

