

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
 Data File : VY017421.D
 Acq On : 20 Feb 2024 14:59
 Operator : SY/MD
 Sample : P1509-08RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-191-GW-858-860

Quant Time: Feb 20 15:35:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

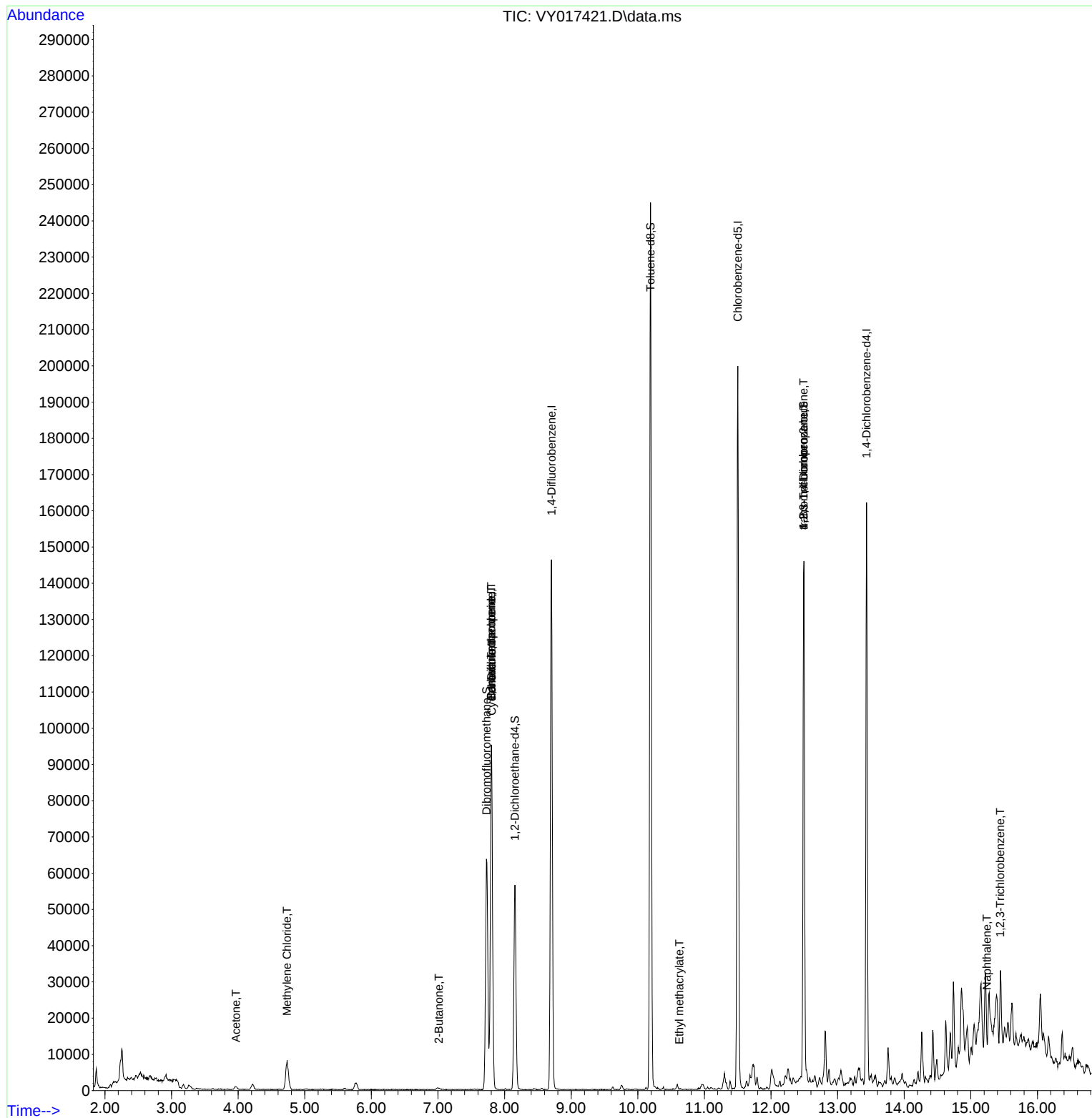
Internal Standards						
1) Pentafluorobenzene	7.801	168	76319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	131621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	111880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	39821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	43398	66.563	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.120%			
35) Dibromofluoromethane	7.728	113	46560	60.431	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.860%			
50) Toluene-d8	10.191	98	161943	54.196	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.400%			
62) 4-Bromofluorobenzene	12.489	95	44091	44.441	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.880%			
Target Compounds			Qvalue			
5) Bromomethane	2.668	94	587	Below Cal		88
16) Acetone	3.966	43	1615	11.438 ug/l #		75
20) Methylene Chloride	4.735	84	6257	1.309 ug/l		90
25) 2-Butanone	7.015	43	339	1.710 ug/l #		41
31) Cyclohexane	7.807	56	1595	1.236 ug/l #		27
36) 1,1-Dichloropropene	7.801	75	5744	4.464 ug/l #		46
38) Carbon Tetrachloride	7.801	117	7237	5.649 ug/l #		18
56) Ethyl methacrylate	10.624	69	22	3.730 ug/l #		1
76) 1,2,3-Trichloropropane	12.489	75	23087	59.795 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.489	75	23087	139.416 ug/l #		16
95) Naphthalene	15.239	128	745	4.121 ug/l #		87
96) 1,2,3-Trichlorobenzene	15.440	180	573	1.063 ug/l #		58

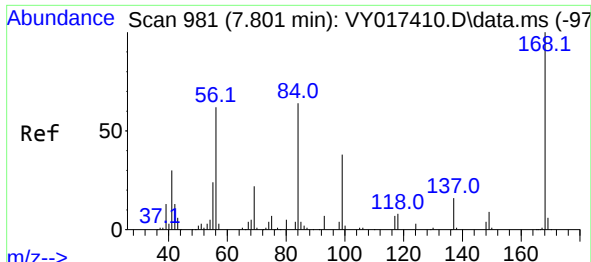
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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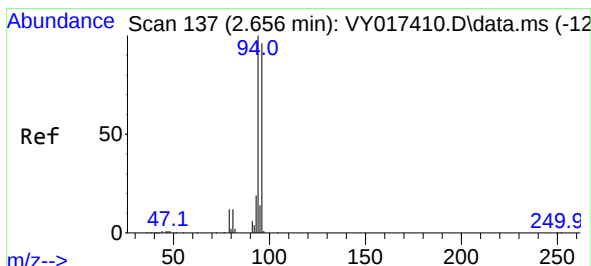
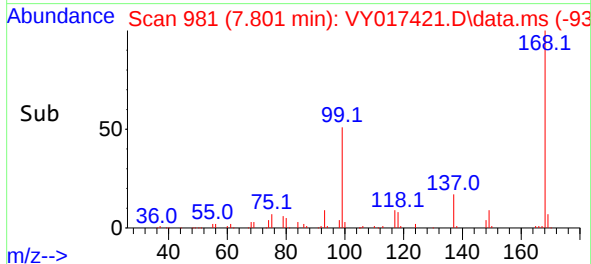
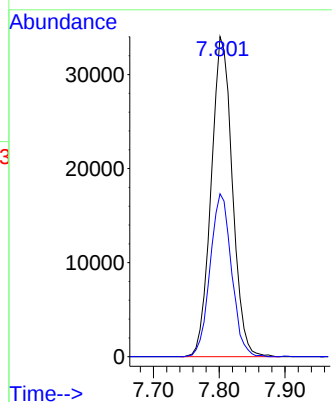
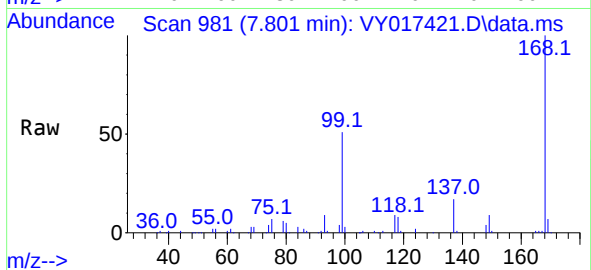




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

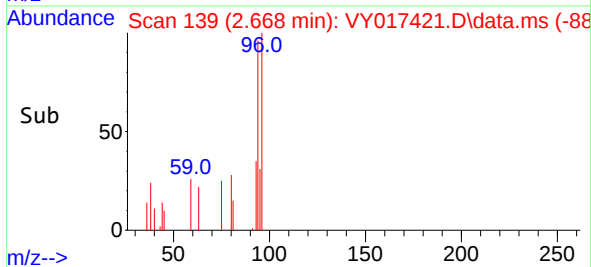
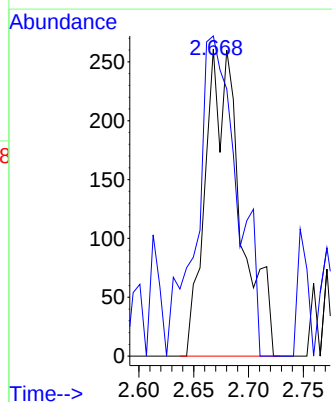
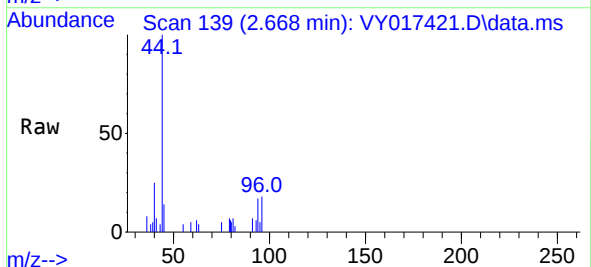
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860

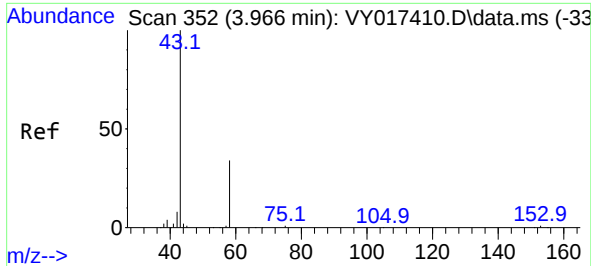
Tgt Ion:168 Resp: 76319
Ion Ratio Lower Upper
168 100
99 50.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

Tgt Ion: 94 Resp: 587
Ion Ratio Lower Upper
94 100
96 104.2 74.1 111.1





#16

Acetone

Concen: 11.438 ug/l

RT: 3.966 min Scan# 3

Delta R.T. 0.000 min

Lab File: VY017421.D

Acq: 20 Feb 2024 14:59

Instrument :

MSVOA_Y

ClientSampleId :

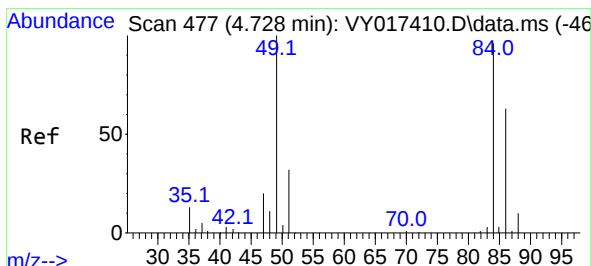
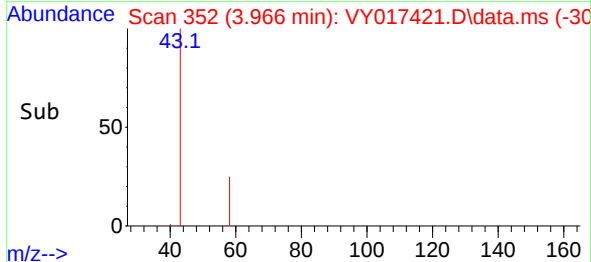
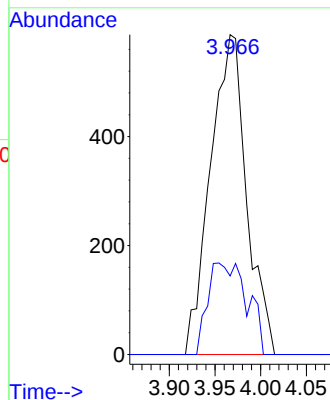
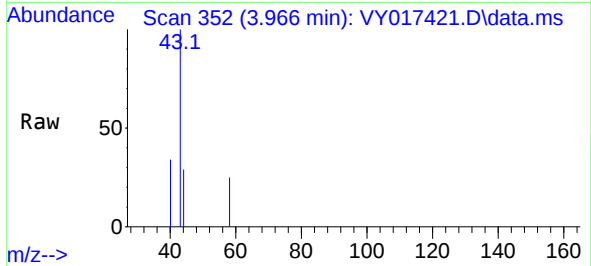
BP-VPB-191-GW-858-860

Tgt Ion: 43 Resp: 1615

Ion Ratio Lower Upper

43 100

58 24.5 31.7 47.5#



#20

Methylene Chloride

Concen: 1.309 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.007 min

Lab File: VY017421.D

Acq: 20 Feb 2024 14:59

Tgt Ion: 84 Resp: 6257

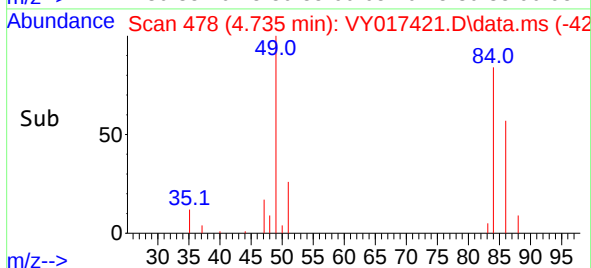
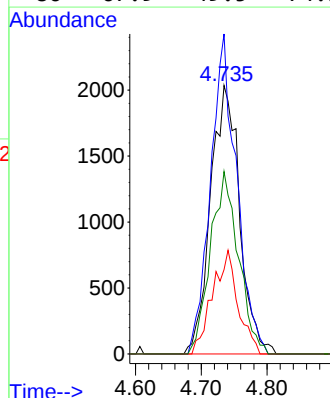
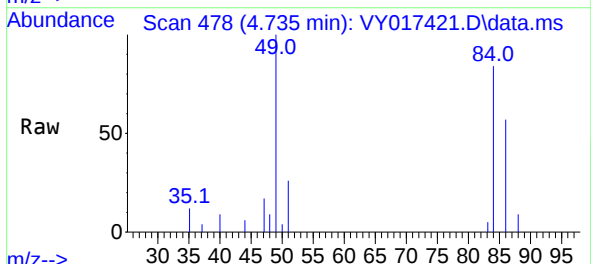
Ion Ratio Lower Upper

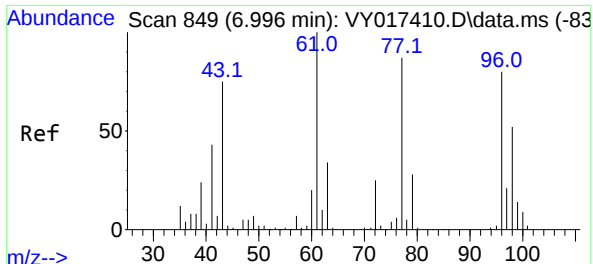
84 100

49 119.2 84.4 126.6

51 31.4 26.0 39.0

86 67.9 49.5 74.3





#25

2-Butanone

Concen: 1.710 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY017421.D

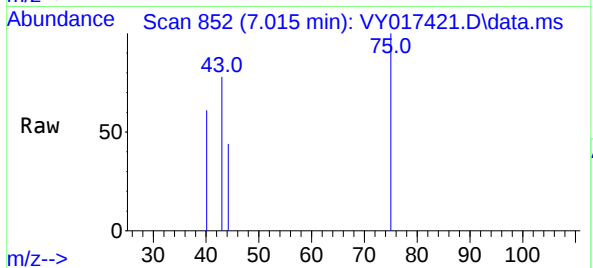
Acq: 20 Feb 2024 14:59

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-191-GW-858-860

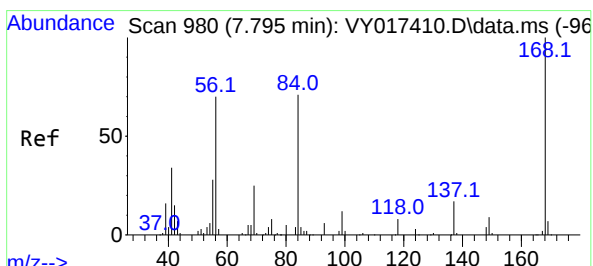
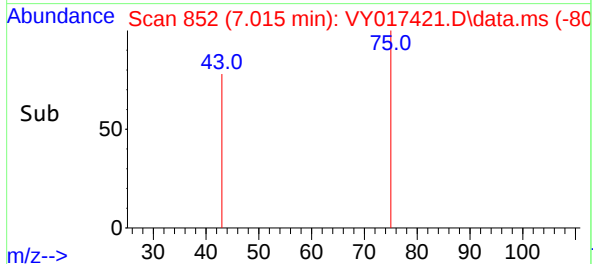
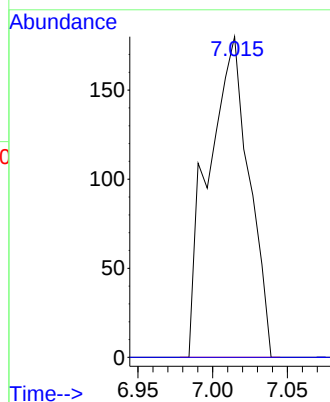


Tgt Ion: 43 Resp: 339

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.236 ug/l

RT: 7.807 min Scan# 982

Delta R.T. 0.012 min

Lab File: VY017421.D

Acq: 20 Feb 2024 14:59

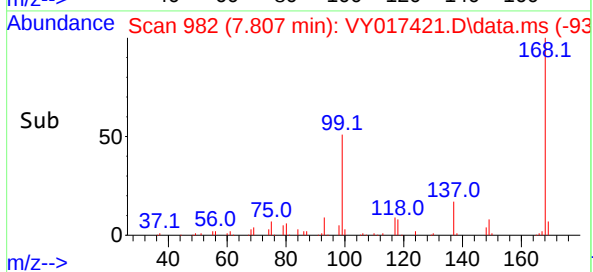
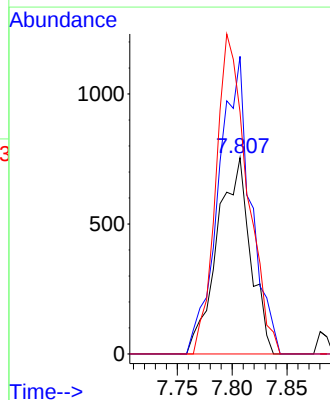
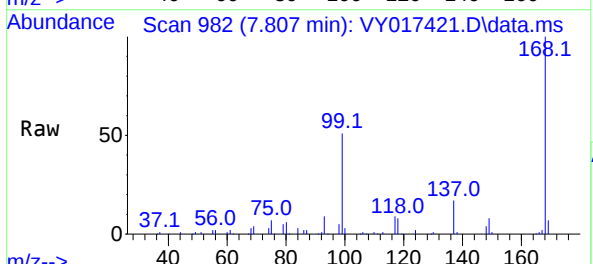
Tgt Ion: 56 Resp: 1595

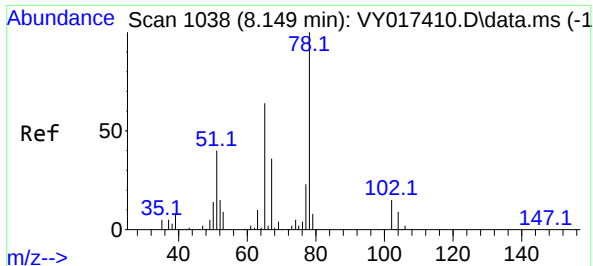
Ion Ratio Lower Upper

56 100

69 151.7 28.7 43.1#

84 123.2 77.7 116.5#

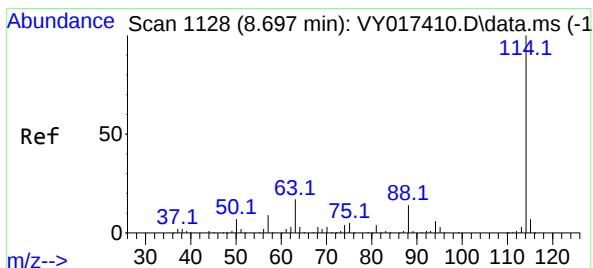
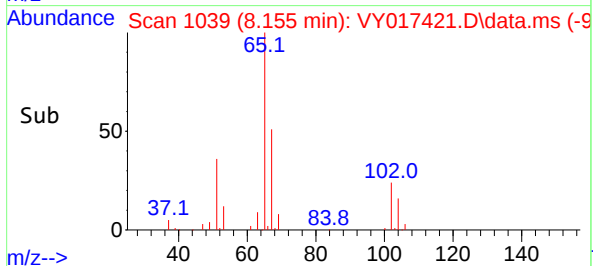
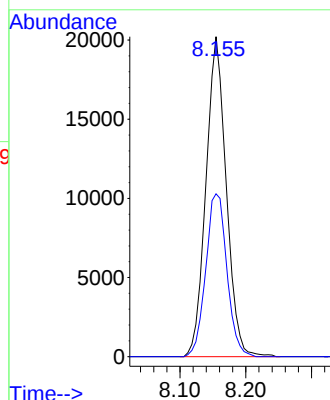
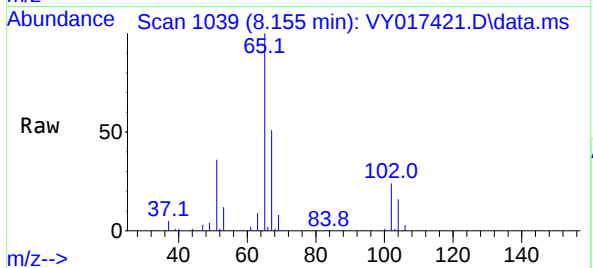




#33
1,2-Dichloroethane-d4
Concen: 66.563 ug/l
RT: 8.155 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

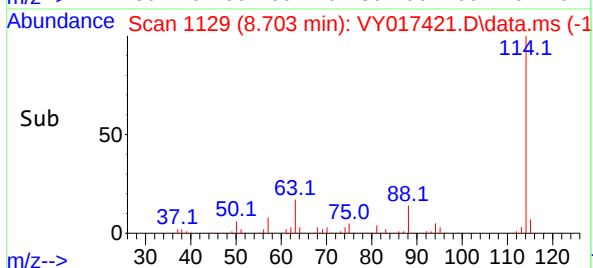
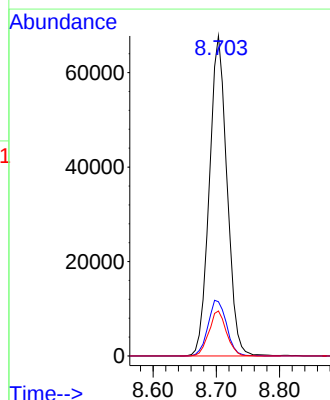
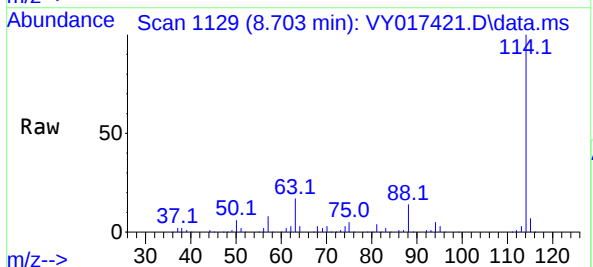
Instrument :
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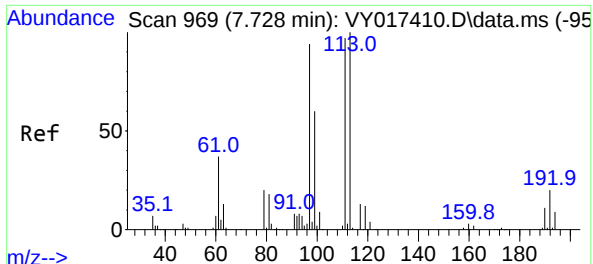
Tgt Ion: 65 Resp: 43398
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

Tgt Ion: 114 Resp: 131621
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.0
88 14.1 0.0 27.2

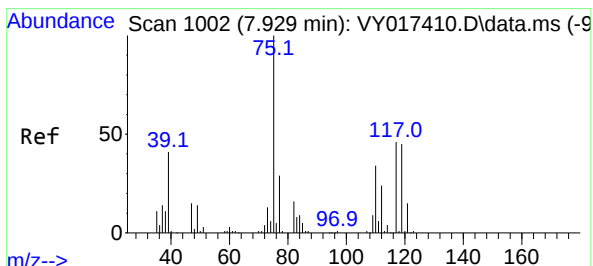
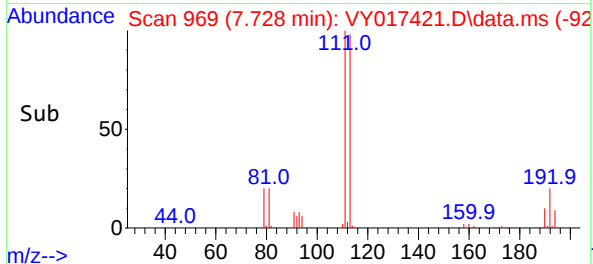
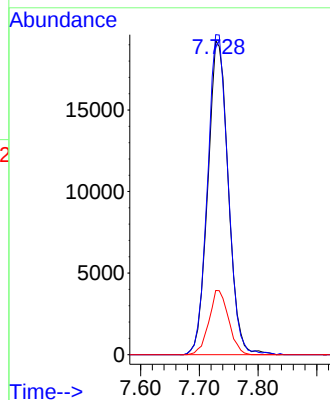
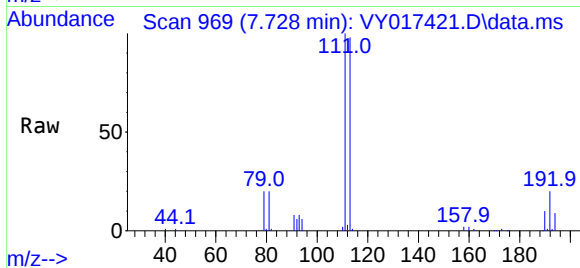




#35
Dibromofluoromethane
Concen: 60.431 ug/l
RT: 7.728 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

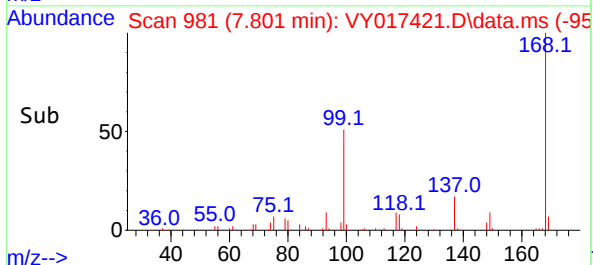
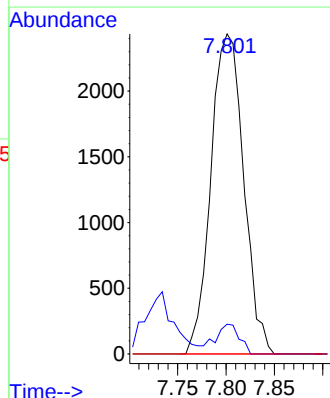
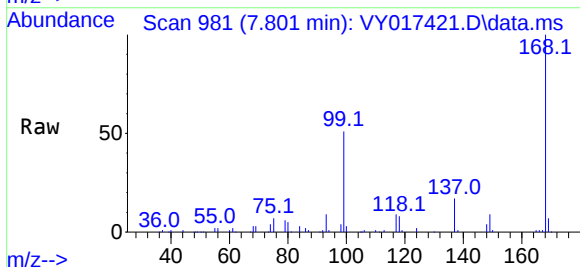
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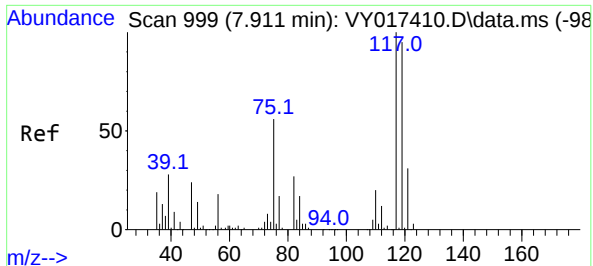
Tgt Ion:	113	Resp:	46560
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	19.7	15.9	23.9



#36
1,1-Dichloropropene
Concen: 4.464 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

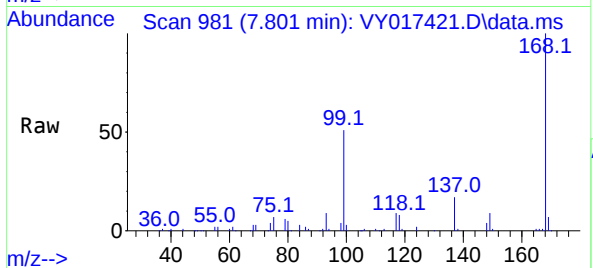
Tgt Ion:	75	Resp:	5744
Ion	Ratio	Lower	Upper
75	100		
110	6.6	19.0	57.0#
77	0.0	25.3	37.9#



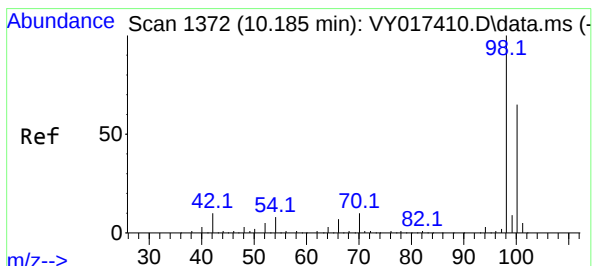
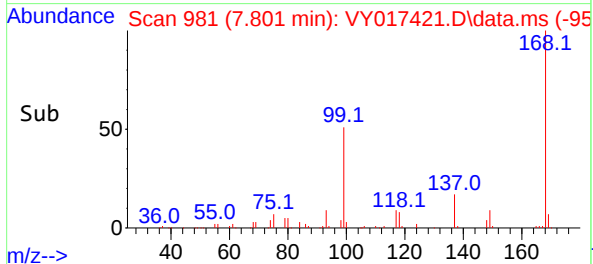
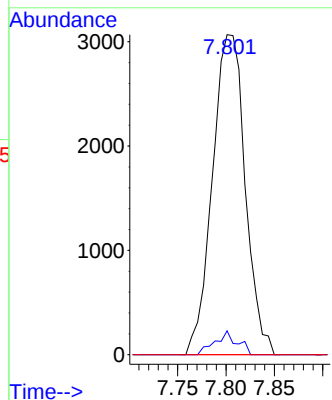


#38
Carbon Tetrachloride
Concen: 5.649 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

Instrument :
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ClientSampleId :
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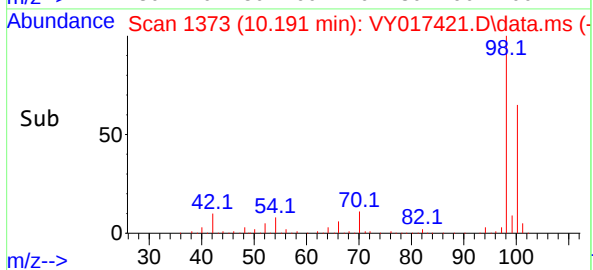
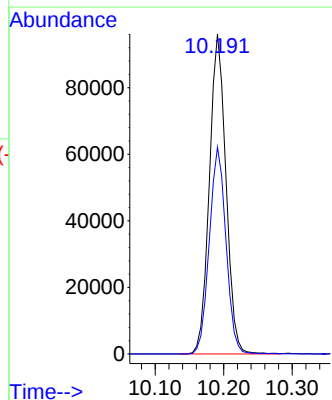
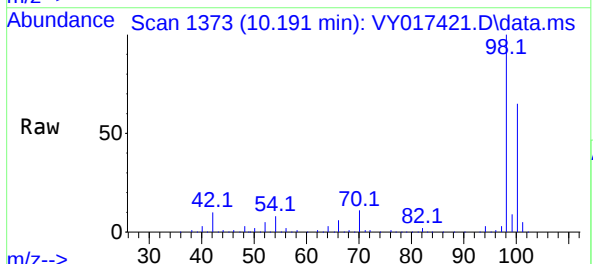


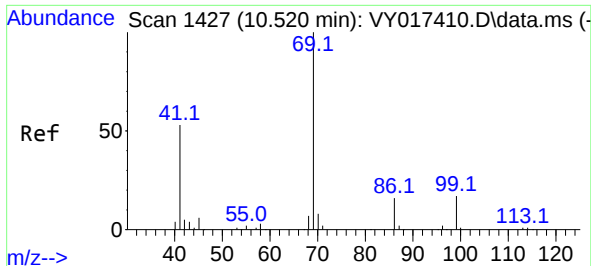
Tgt Ion:117 Resp: 7237
Ion Ratio Lower Upper
117 100
119 7.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 54.196 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

Tgt Ion: 98 Resp: 161943
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

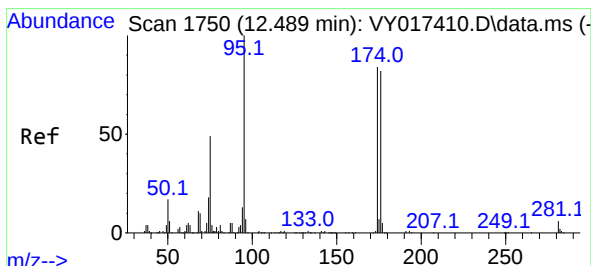
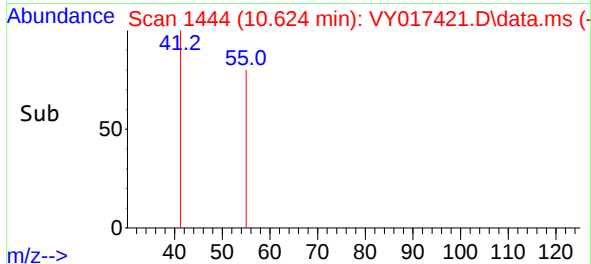
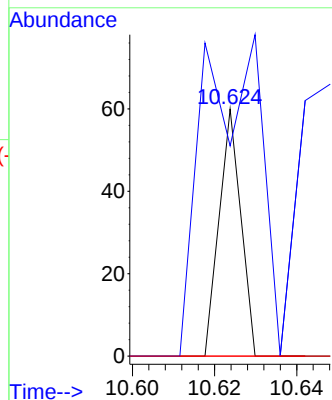
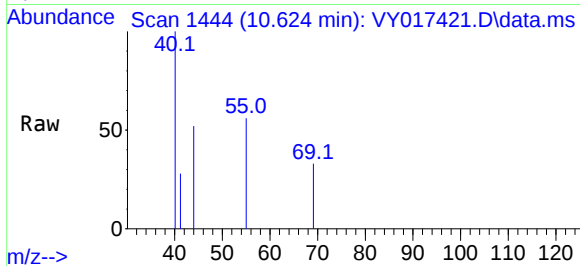




#56
Ethyl methacrylate
Concen: 3.730 ug/l
RT: 10.624 min Scan# 14
Delta R.T. 0.104 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

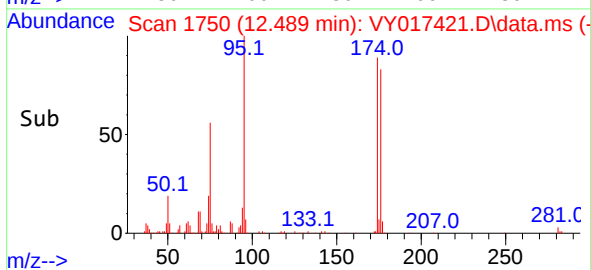
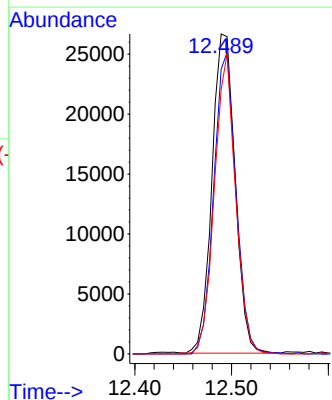
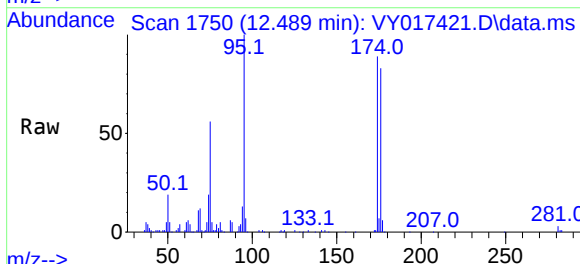
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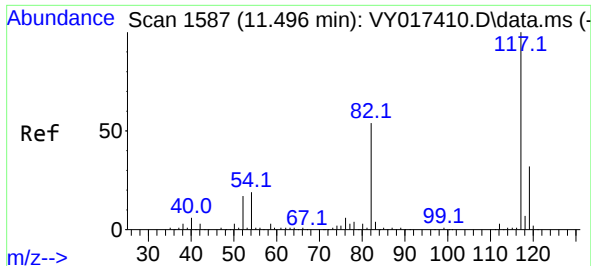
Tgt Ion: 69 Resp: 22
Ion Ratio Lower Upper
69 100
41 340.9 42.3 63.5#
39 0.0 22.9 34.3#



#62
4-Bromofluorobenzene
Concen: 44.441 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

Tgt Ion: 95 Resp: 44091
Ion Ratio Lower Upper
95 100
174 91.3 0.0 175.6
176 86.4 0.0 171.4

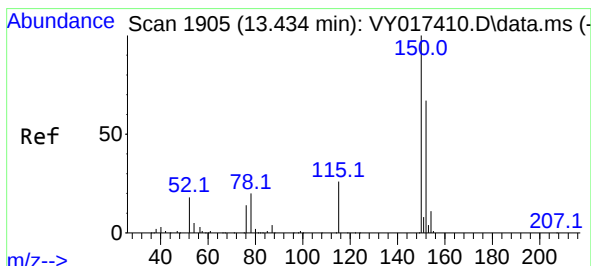
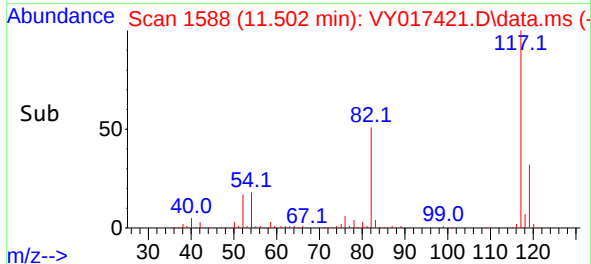
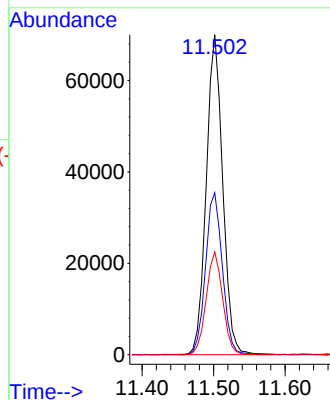
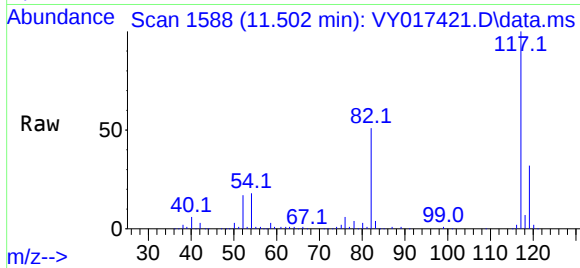




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

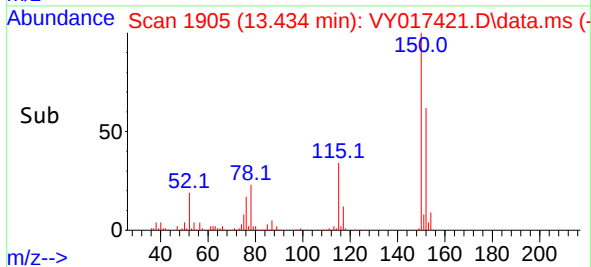
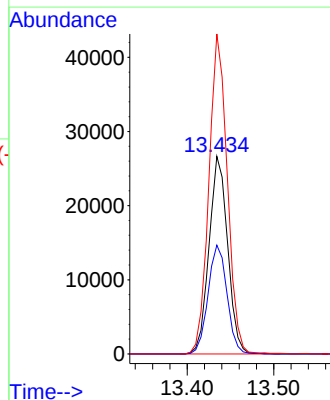
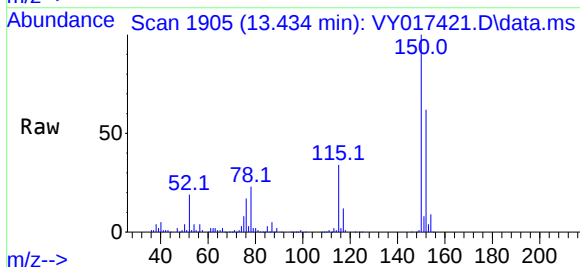
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860

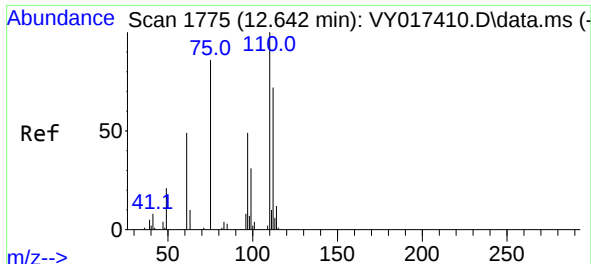
Tgt Ion:117 Resp: 111880
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

Tgt Ion:152 Resp: 39821
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 160.0 0.0 345.6

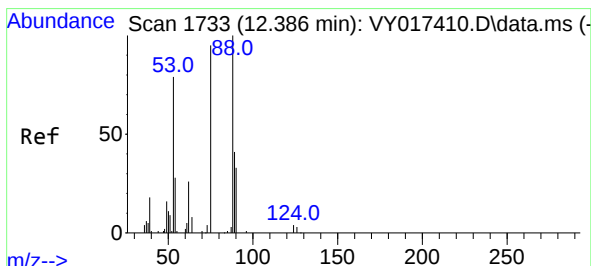
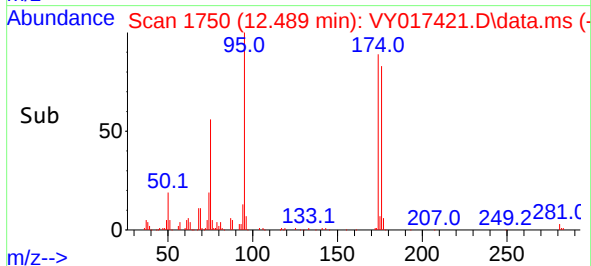
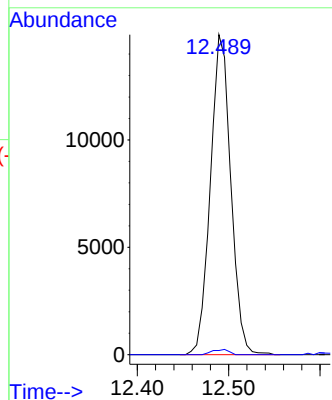
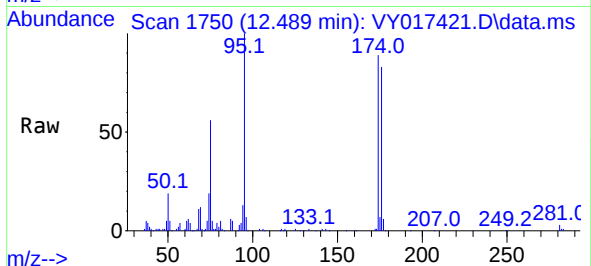




#76
1,2,3-Trichloropropane
Concen: 59.795 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

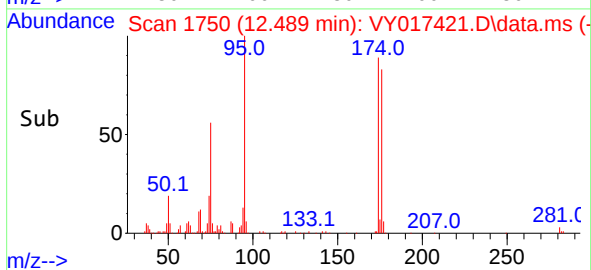
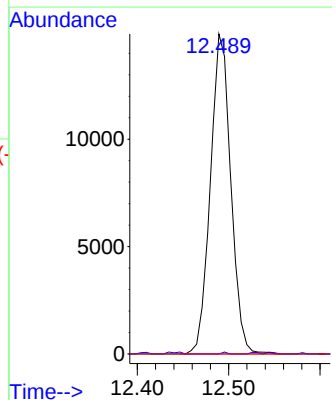
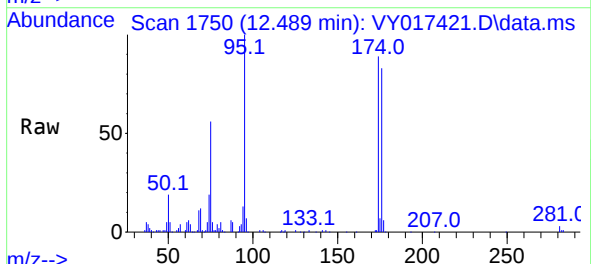
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860

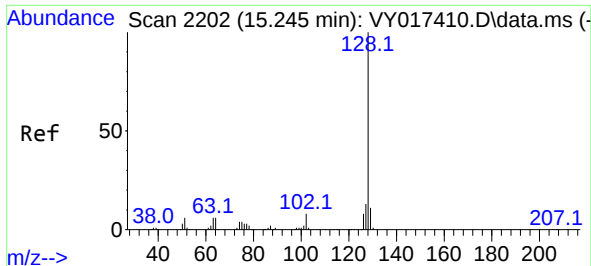
Tgt Ion: 75 Resp: 23087
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.416 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

Tgt Ion: 75 Resp: 23087
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

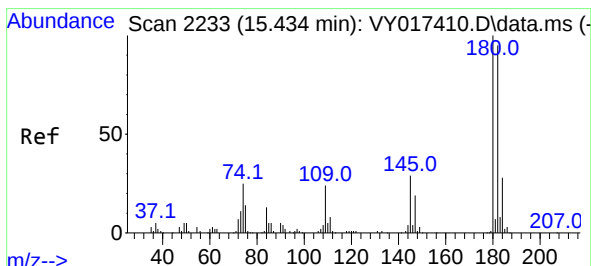
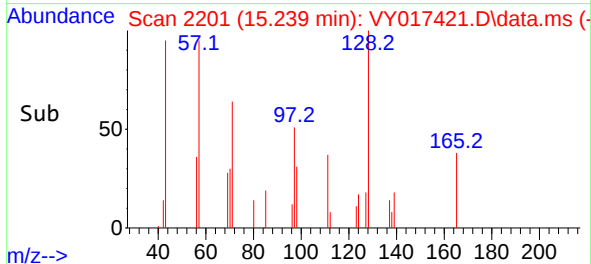
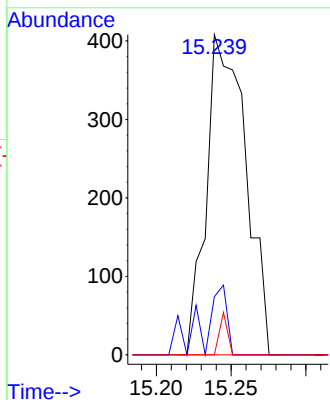
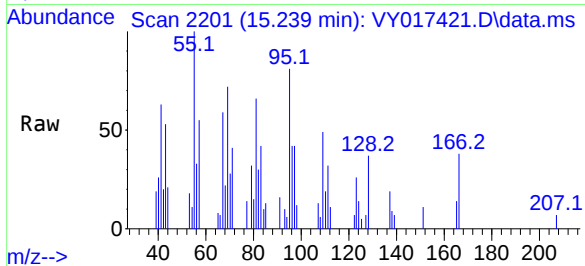




#95
Naphthalene
Concen: 4.121 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-191-GW-858-860

Tgt Ion:128	Resp:	745
Ion Ratio	Lower	Upper
128	100	
127	11.1	10.6 16.0
129	2.7	8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.063 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY017421.D
Acq: 20 Feb 2024 14:59

Tgt Ion:180	Resp:	573
Ion Ratio	Lower	Upper
180	100	
182	56.7	47.6 142.9
145	4.2	15.4 46.1#

