

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011416.D
 Acq On : 11 Nov 2022 14:17
 Operator : KP/MD
 Sample : N5530-07
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10

Quant Time: Nov 11 15:25:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

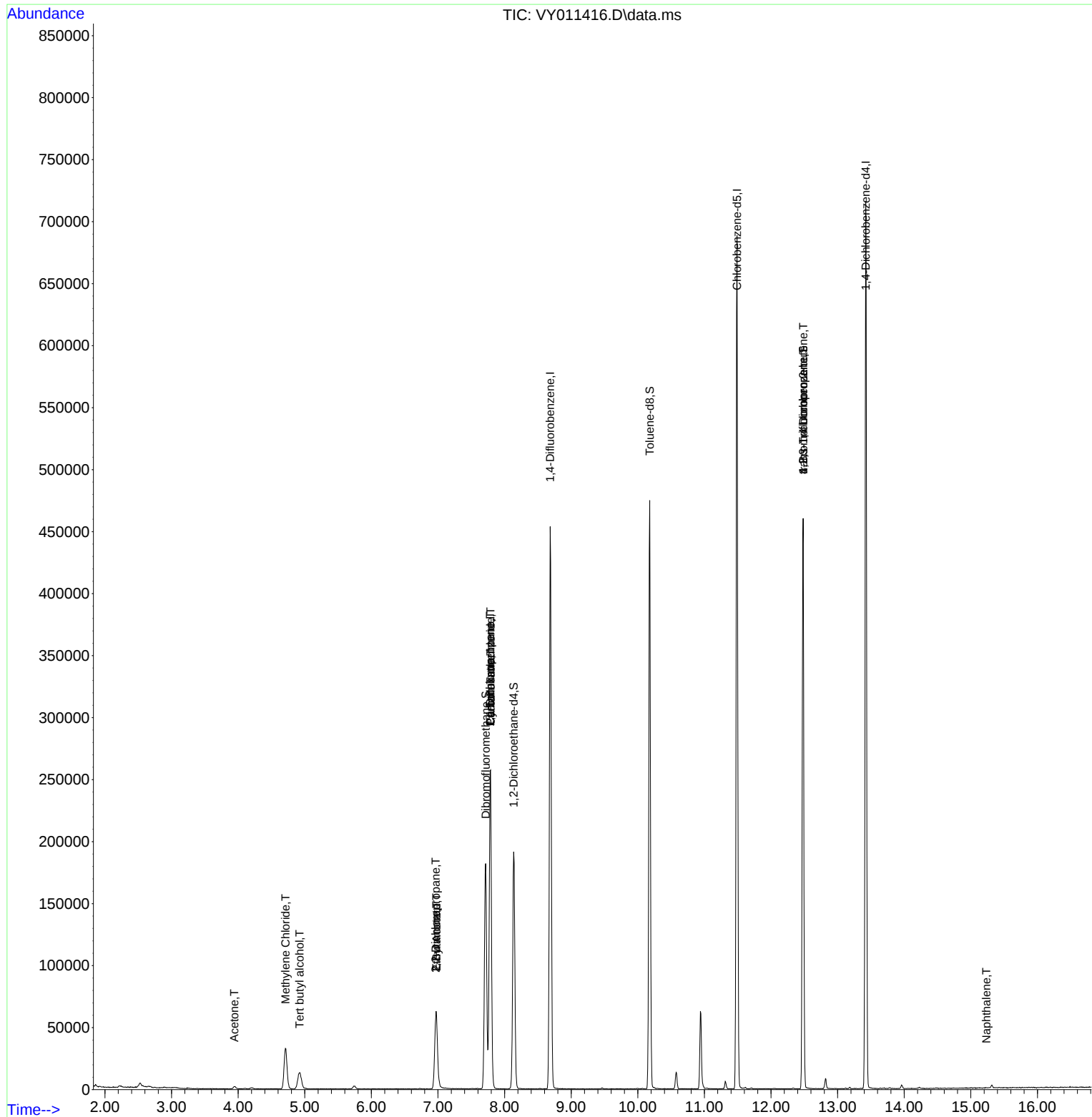
Internal Standards						
1) Pentafluorobenzene	7.789	168	212640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	407514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	392227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	199531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	148578	83.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.760%#	
35) Dibromofluoromethane	7.716	113	132695	58.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.200%	
50) Toluene-d8	10.179	98	320165	36.696	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 73.400%	
62) 4-Bromofluorobenzene	12.483	95	147398	48.436	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	13306	34.572	ug/l #	79
16) Acetone	3.942	43	3447	7.331	ug/l	94
18) Methyl Acetate	4.479	43	102	Below Cal	#	56
20) Methylene Chloride	4.710	84	27701	3.936	ug/l #	78
25) 2-Butanone	6.978	43	2815	4.203	ug/l	99
26) 2,2-Dichloropropane	6.966	77	4778	1.428	ug/l #	55
31) Cyclohexane	7.789	56	3628	1.133	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15044	4.244	ug/l #	51
37) Ethyl Acetate	6.978	43	2815	1.653	ug/l #	1
38) Carbon Tetrachloride	7.789	117	19710	5.112	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	70518	30.532	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70518	73.390	ug/l #	7
95) Naphthalene	15.233	128	210	3.301	ug/l #	69

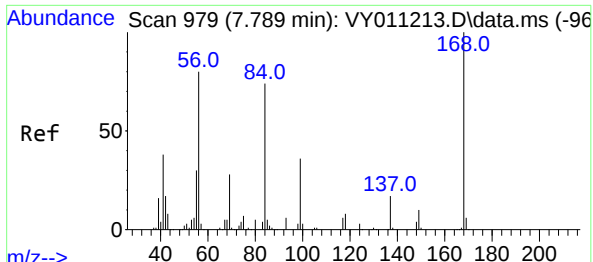
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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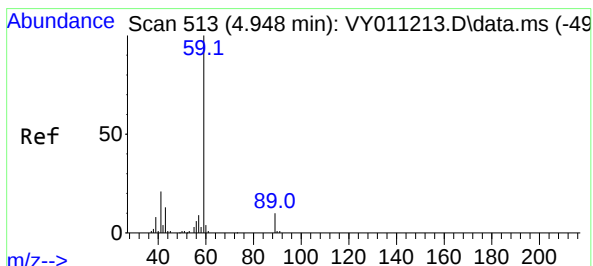
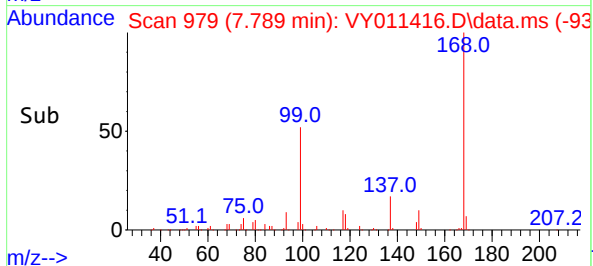
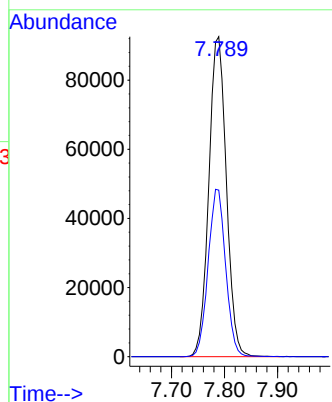
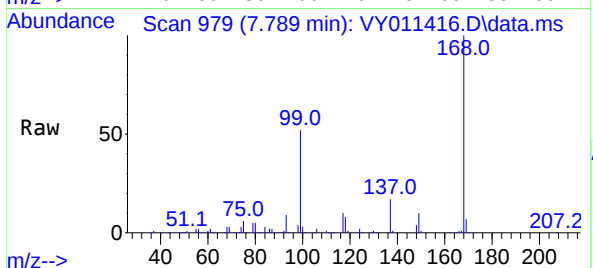




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

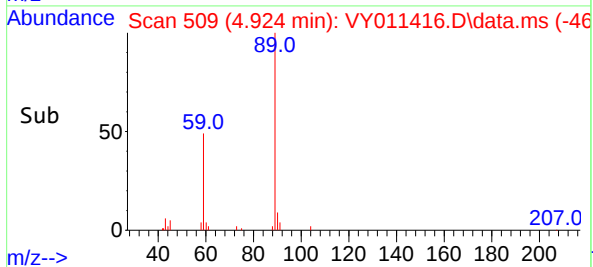
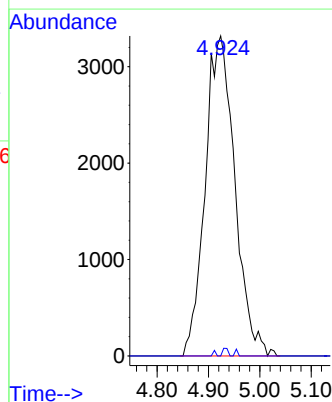
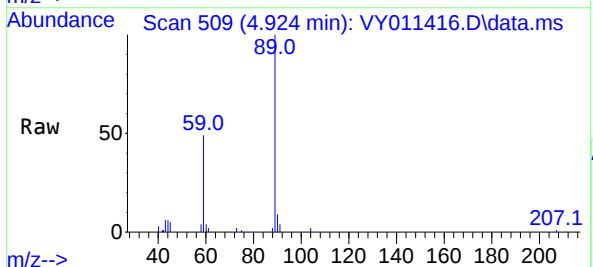
Instrument :
MSVOA_Y
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SB-10

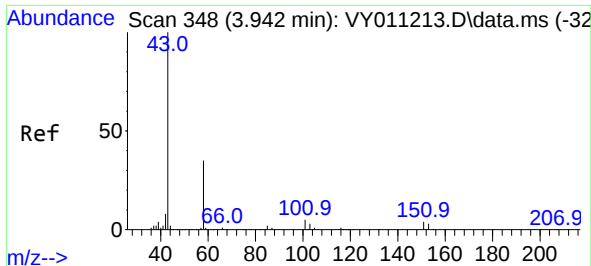
Tgt Ion:168 Resp: 212640
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 34.572 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

Tgt Ion: 59 Resp: 13306
Ion Ratio Lower Upper
59 100
57 0.4 6.4 9.6#

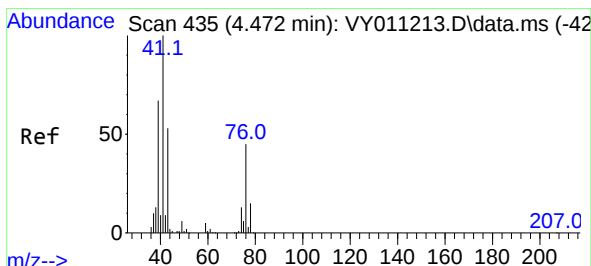
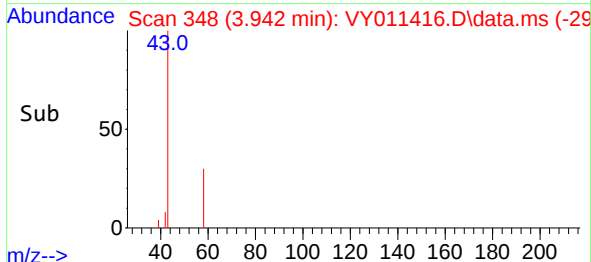
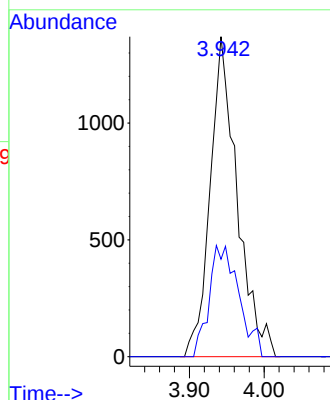
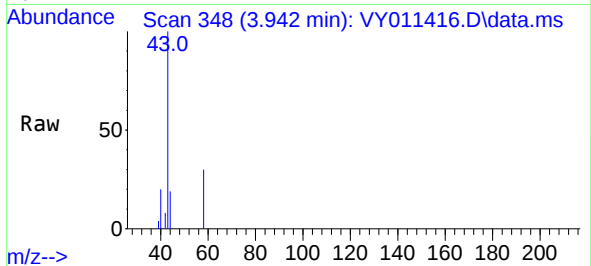




#16
Acetone
Concen: 7.331 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

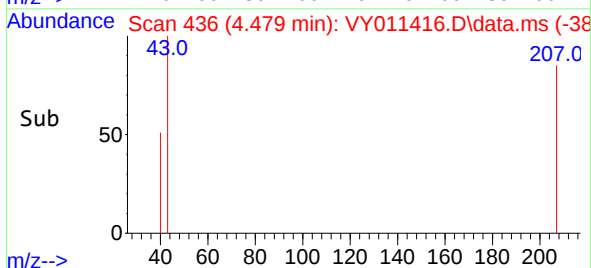
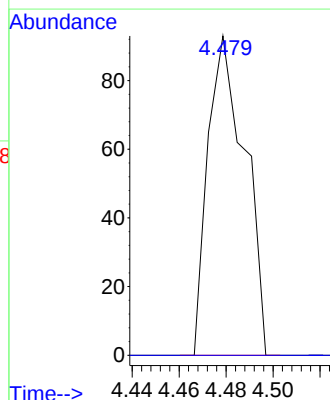
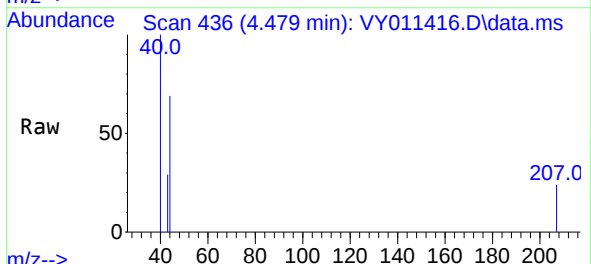
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

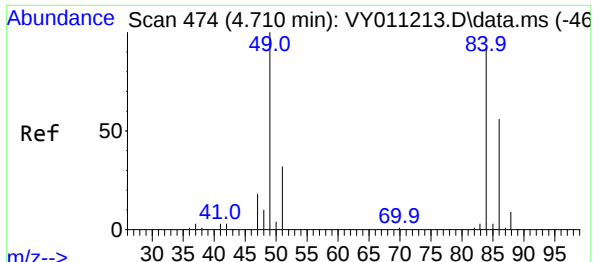
Tgt Ion: 43 Resp: 3447
Ion Ratio Lower Upper
43 100
58 30.4 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

Tgt Ion: 43 Resp: 102
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

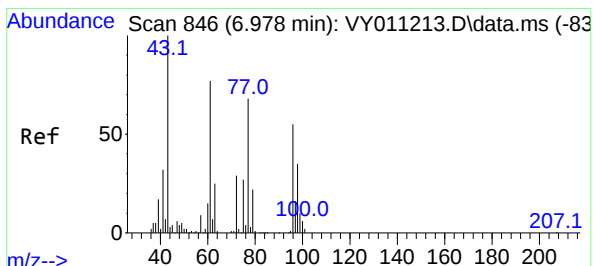
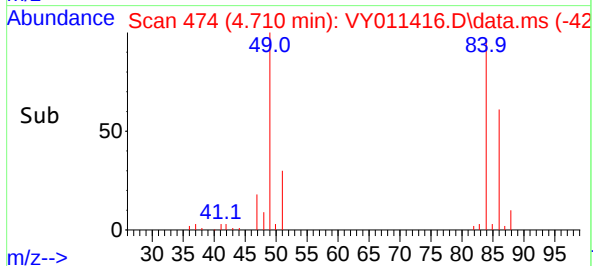
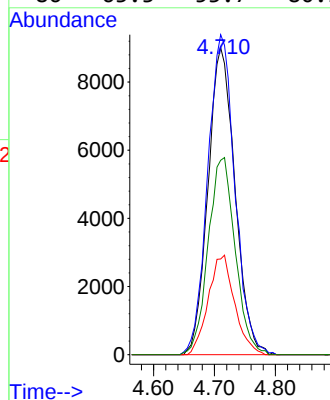
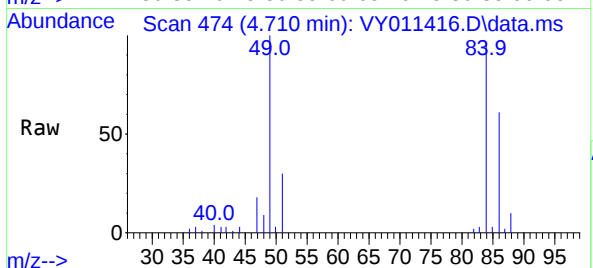




#20
Methylene Chloride
Concen: 3.936 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

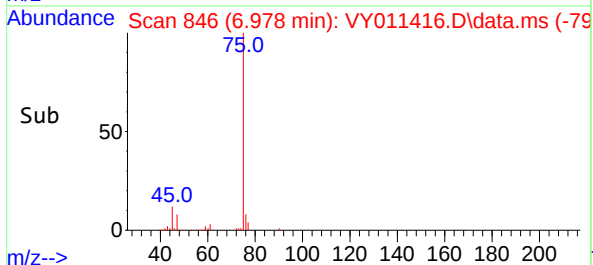
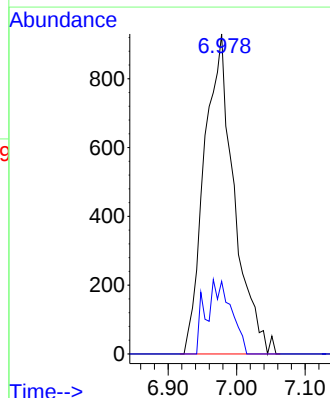
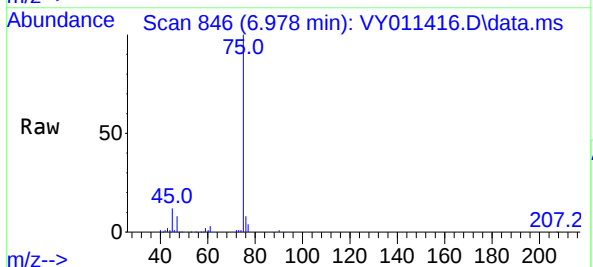
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

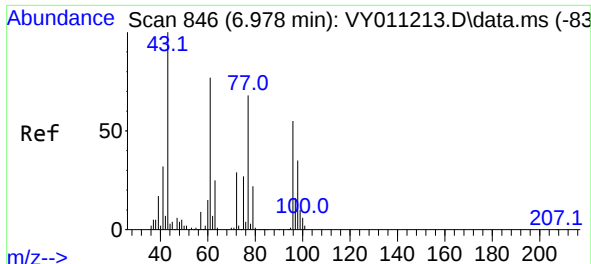
Tgt Ion:	84	Resp:	27701
Ion	Ratio	Lower	Upper
84	100		
49	104.2	114.4	171.6#
51	31.2	35.3	52.9#
86	63.3	53.7	80.5



#25
2-Butanone
Concen: 4.203 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

Tgt Ion:	43	Resp:	2815
Ion	Ratio	Lower	Upper
43	100		
72	22.7	17.7	26.5

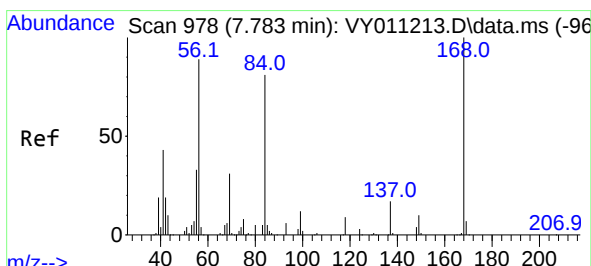
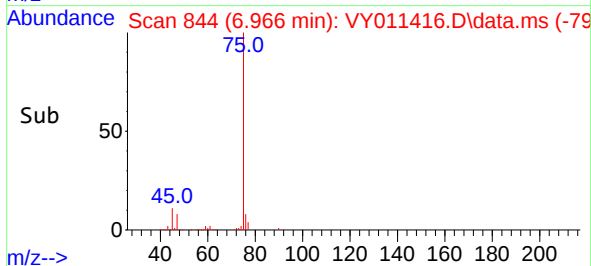
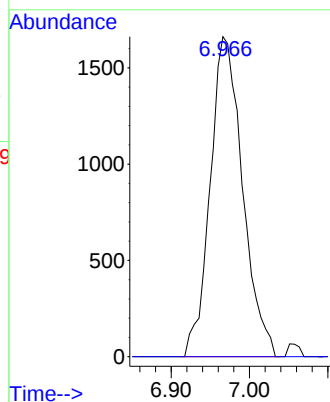
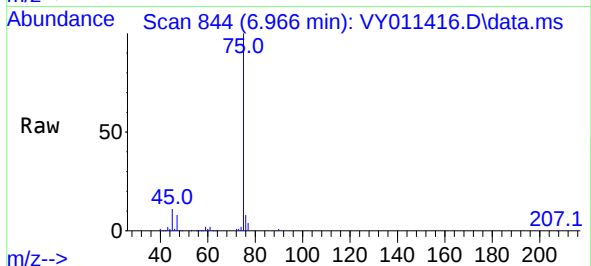




#26
2,2-Dichloropropane
Concen: 1.428 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

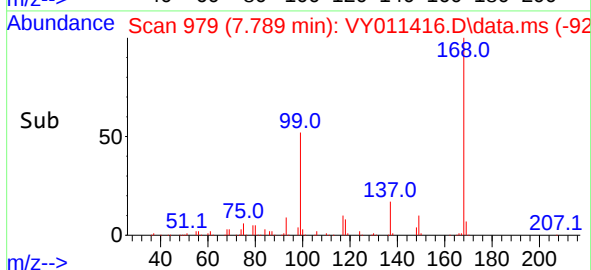
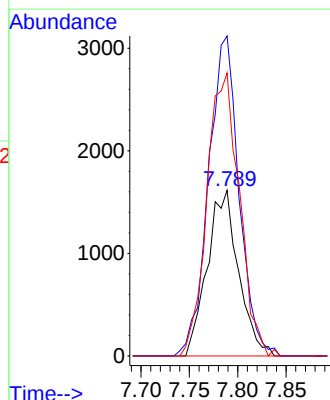
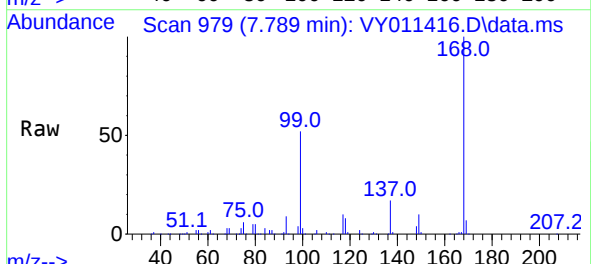
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

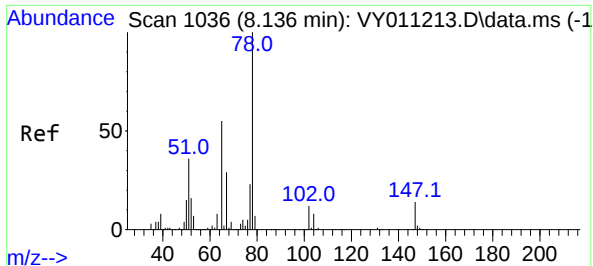
Tgt Ion: 77 Resp: 4778
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

Tgt Ion: 56 Resp: 3628
Ion Ratio Lower Upper
56 100
69 193.3 26.7 40.1#
84 171.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 83.384 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011416.D

Acq: 11 Nov 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

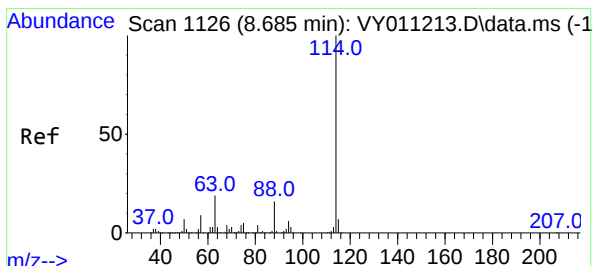
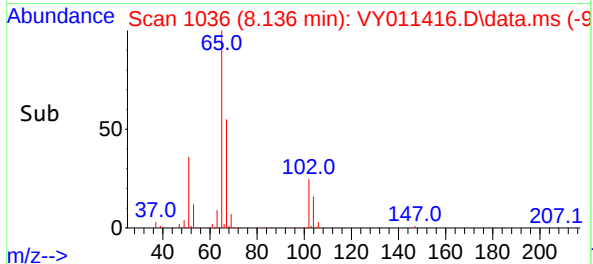
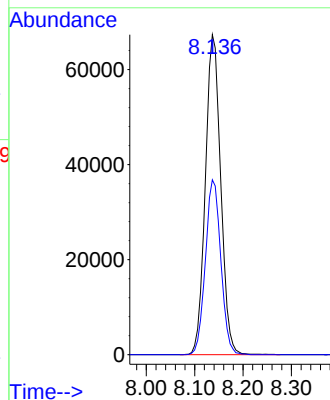
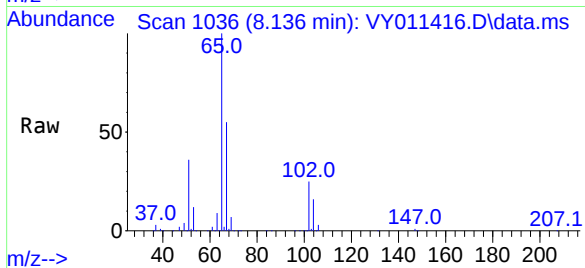
SB-10

Tgt Ion: 65 Resp: 148578

Ion Ratio Lower Upper

65 100

67 54.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011416.D

Acq: 11 Nov 2022 14:17

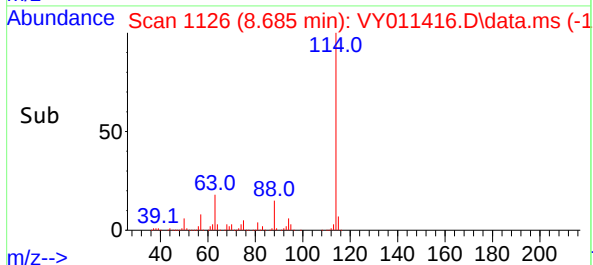
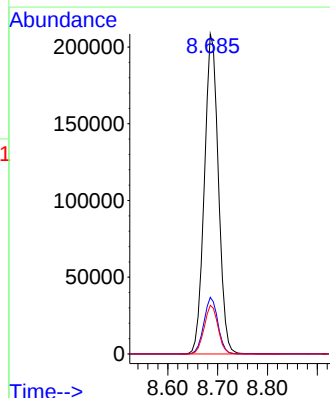
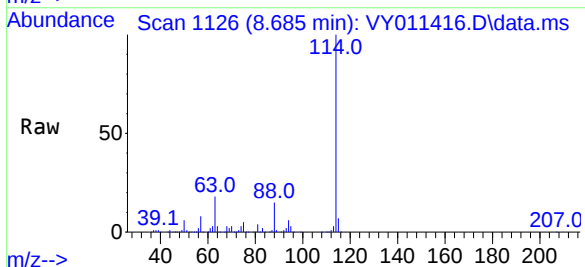
Tgt Ion: 114 Resp: 407514

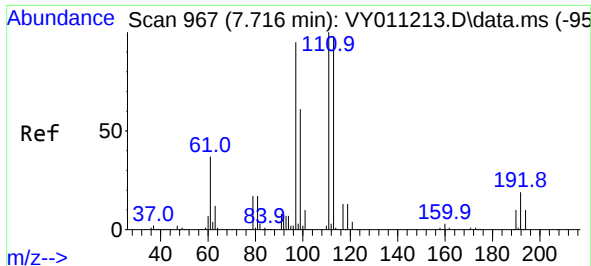
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 15.2 0.0 31.8

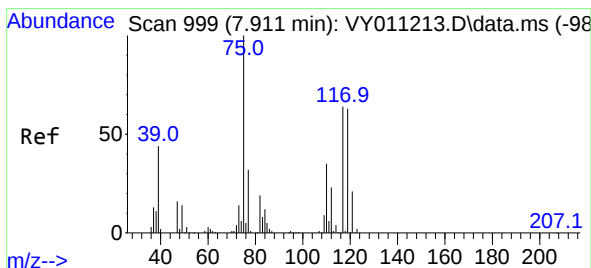
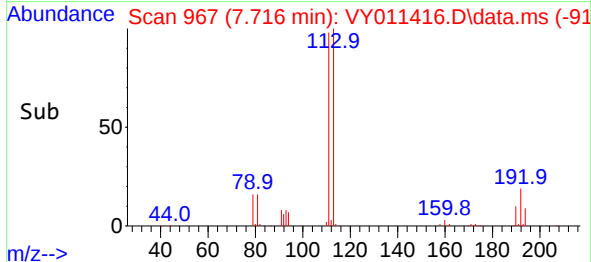
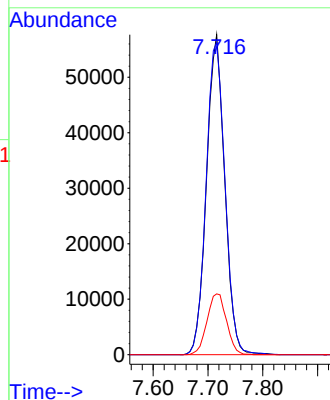
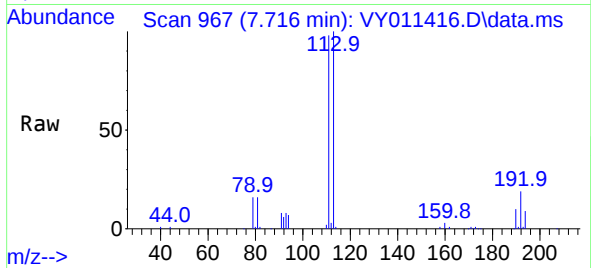




#35
Dibromofluoromethane
Concen: 58.103 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

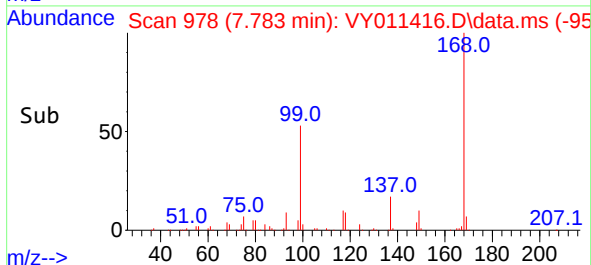
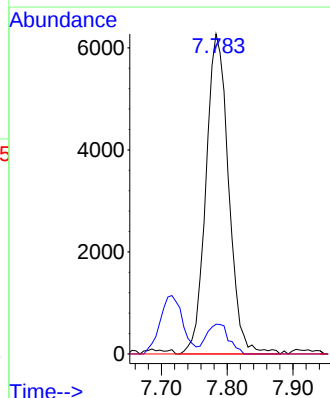
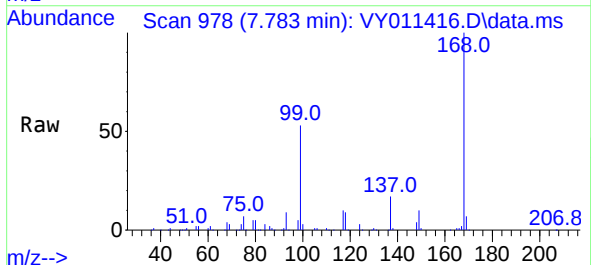
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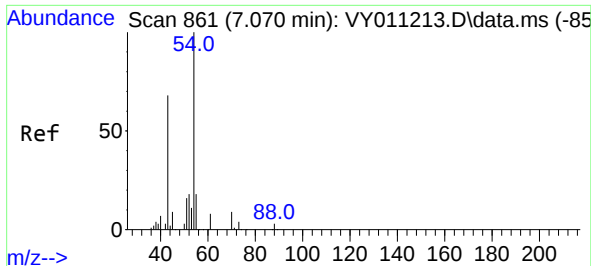
Tgt Ion:113 Resp: 132695
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 20.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.244 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

Tgt Ion: 75 Resp: 15044
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#

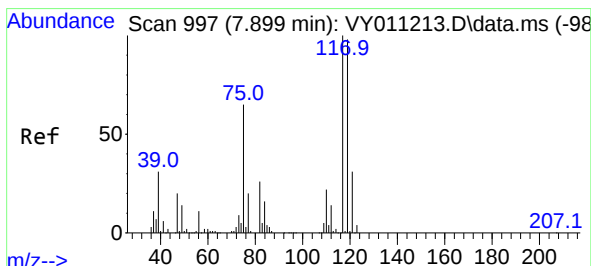
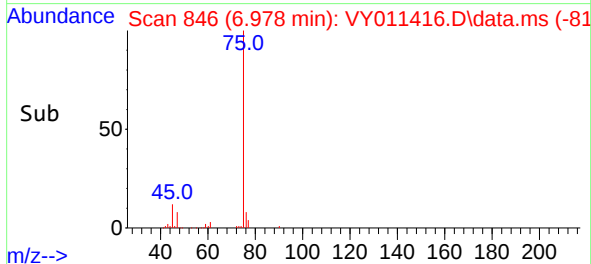
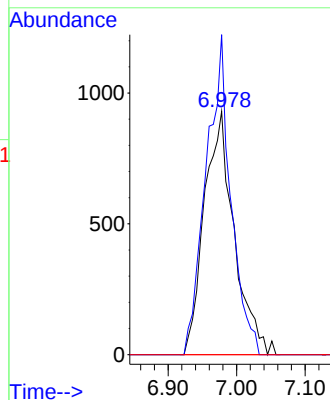
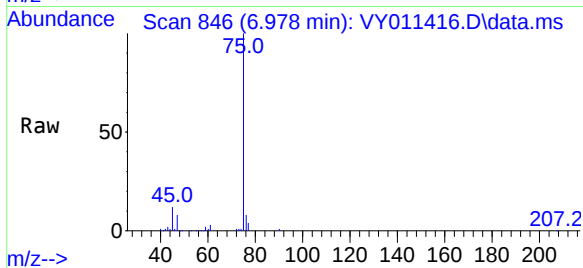




#37
Ethyl Acetate
Concen: 1.653 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.092 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

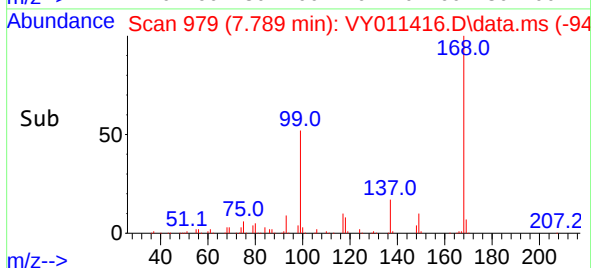
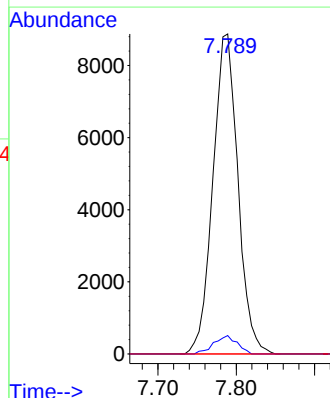
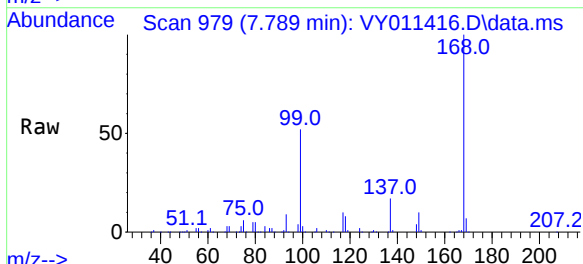
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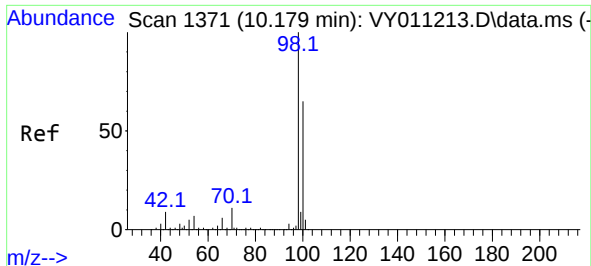
Tgt Ion: 43 Resp: 2815
Ion Ratio Lower Upper
43 100
61 109.4 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.112 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

Tgt Ion: 117 Resp: 19710
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#

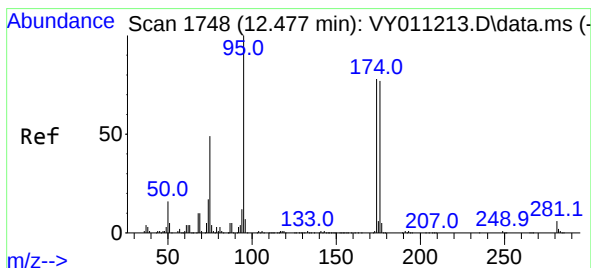
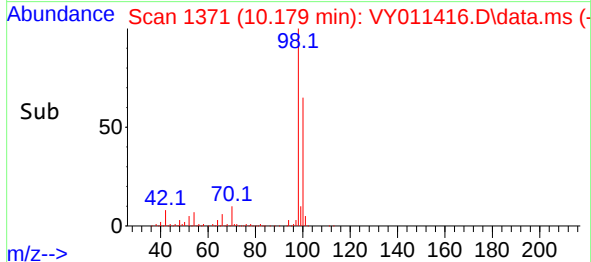
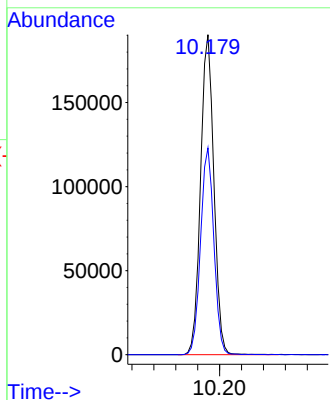
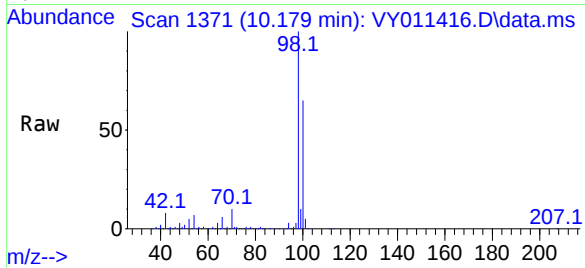




#50
Toluene-d8
Concen: 36.696 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

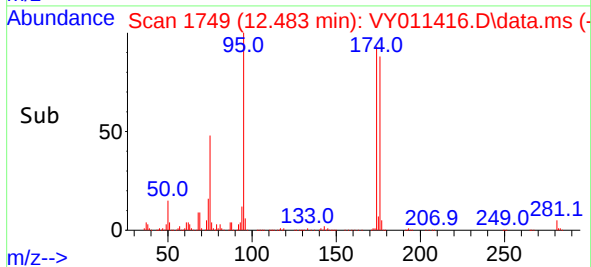
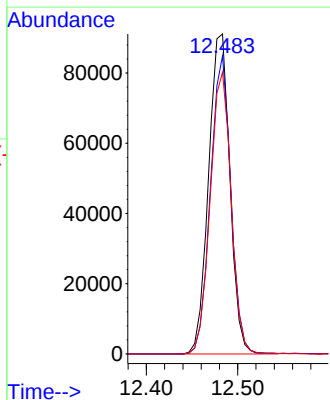
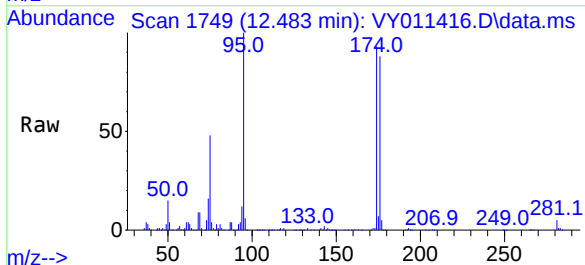
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

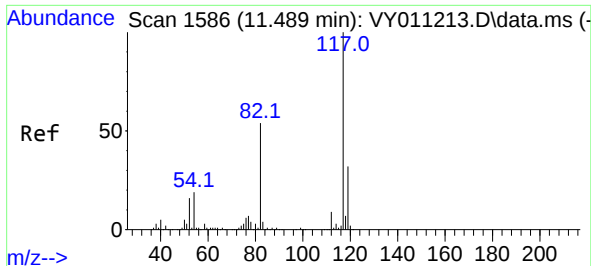
Tgt Ion: 98 Resp: 320165
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.436 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

Tgt Ion: 95 Resp: 147398
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 86.3 0.0 175.8

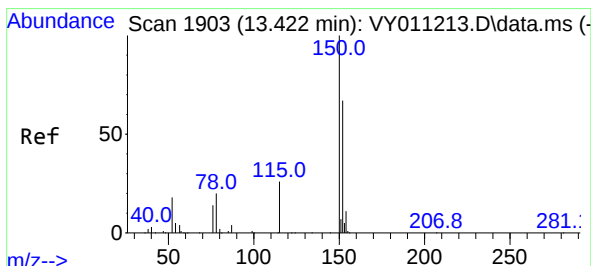
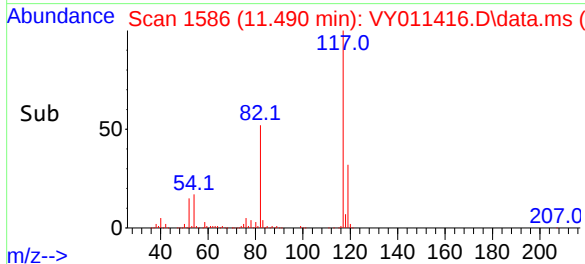
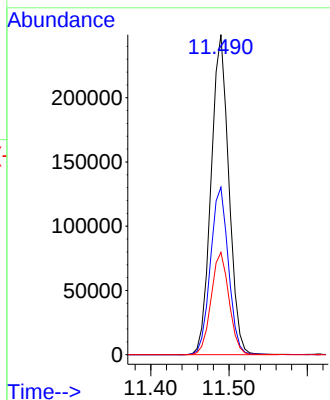
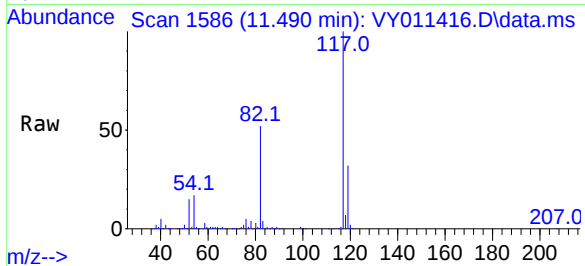




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

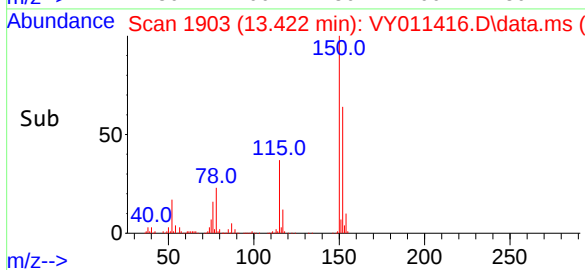
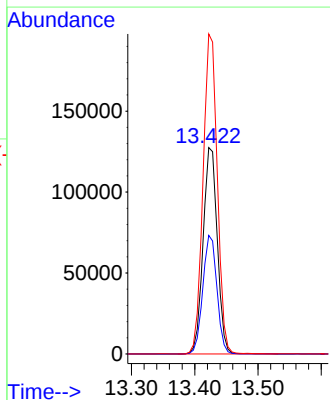
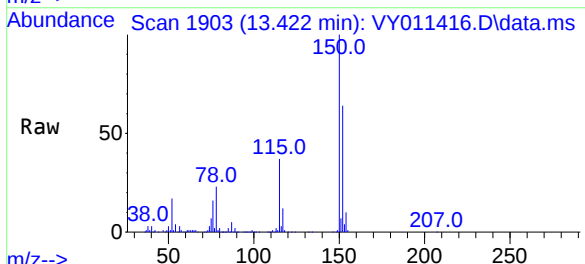
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

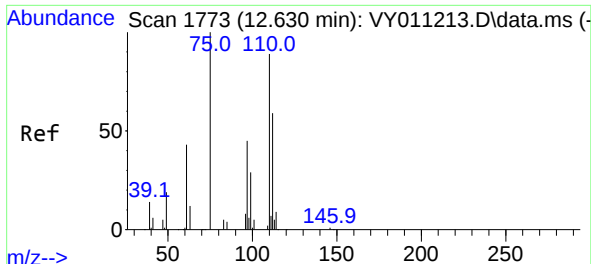
Tgt Ion:117 Resp: 392227
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

Tgt Ion:152 Resp: 199531
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 155.9 0.0 347.6

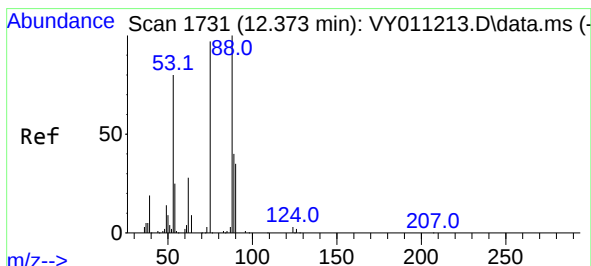
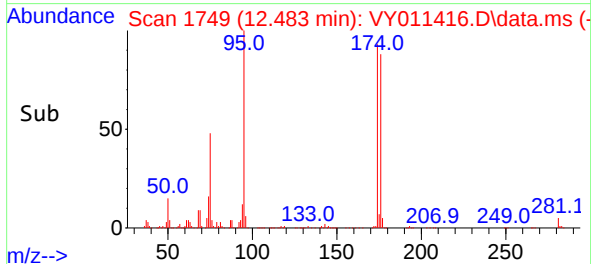
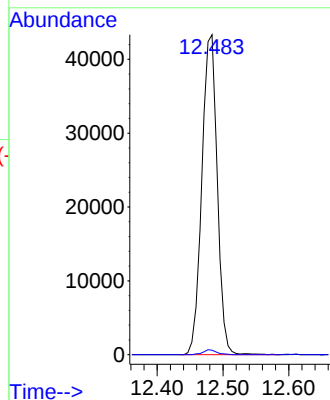
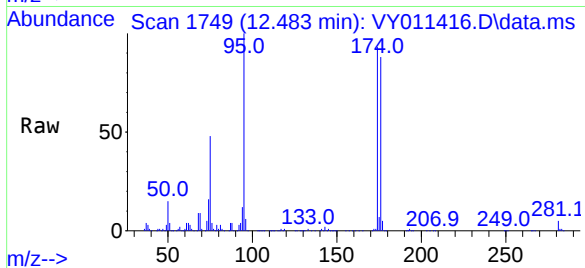




#76
1,2,3-Trichloropropane
Concen: 30.532 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

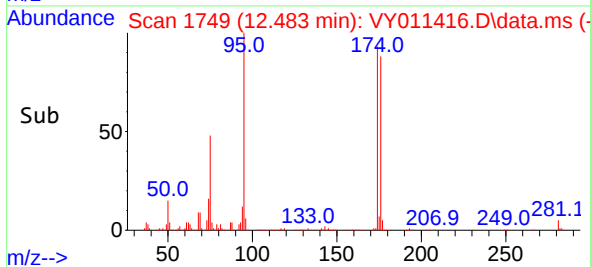
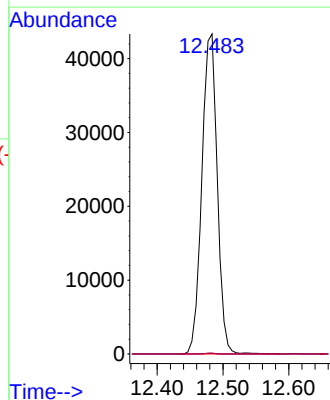
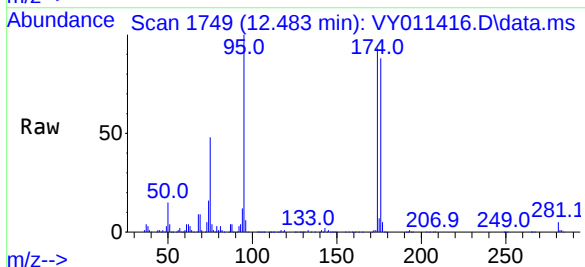
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

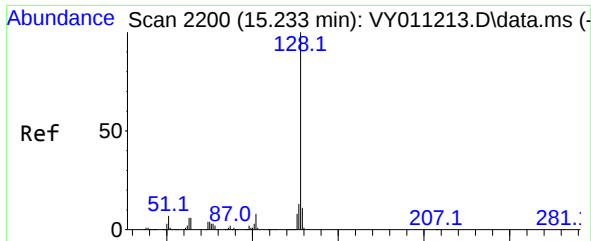
Tgt Ion: 75 Resp: 70518
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.390 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

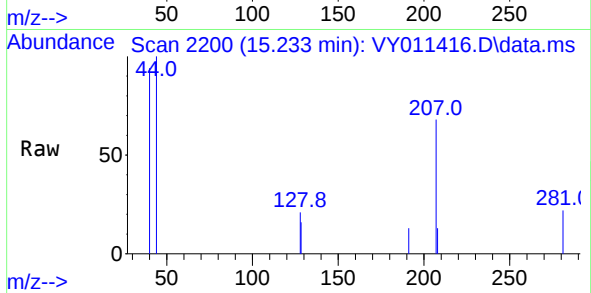
Tgt Ion: 75 Resp: 70518
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 3.301 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011416.D
Acq: 11 Nov 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-10



Tgt Ion:128 Resp: 210
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

