

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010628.D
 Acq On : 22 Sep 2022 17:26
 Operator : KP/MD
 Sample : N4723-19
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-29-6.5-7.0

Quant Time: Sep 23 09:04:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

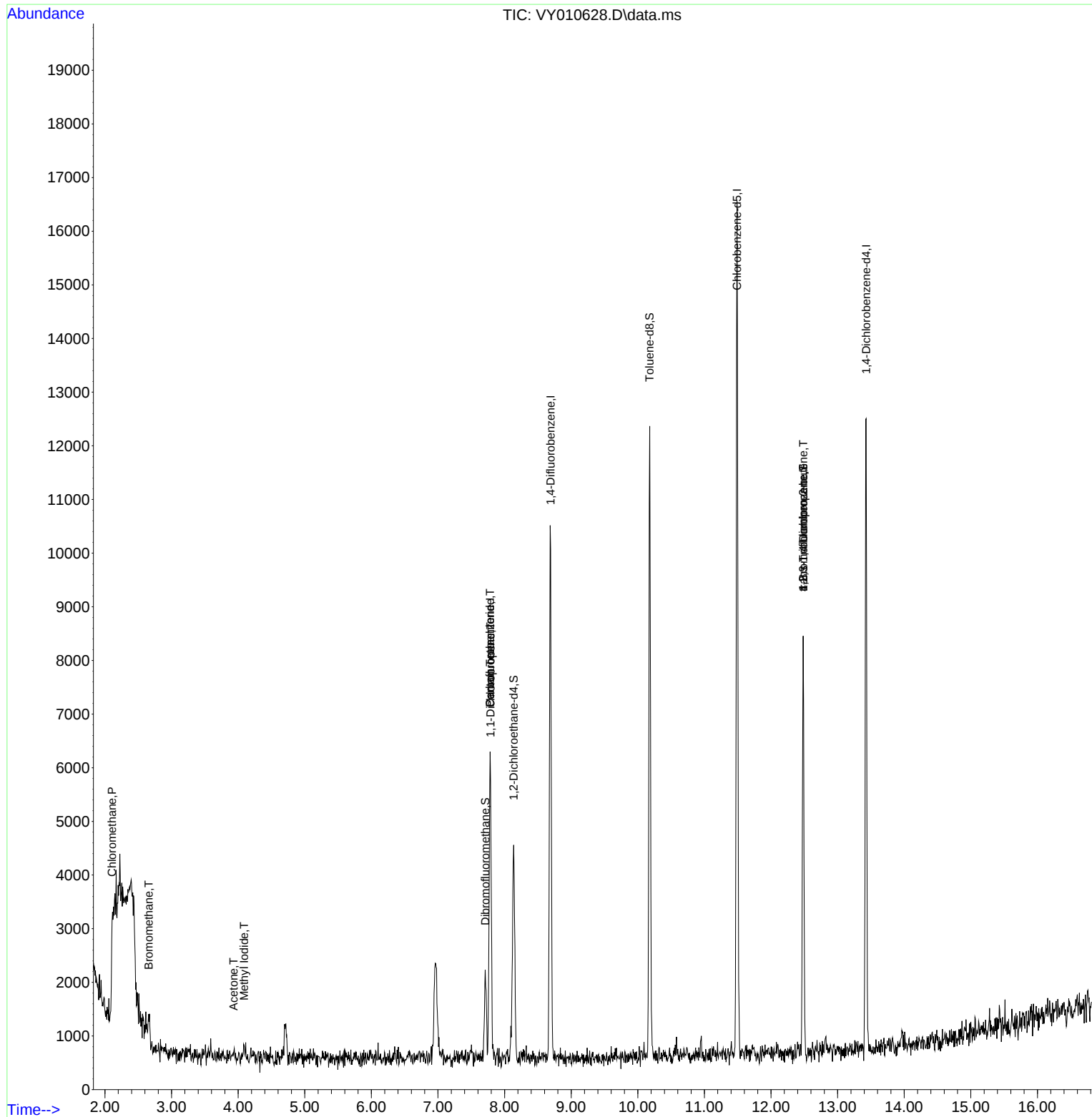
Internal Standards						
1) Pentafluorobenzene	7.783	168	4909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	9516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3090	65.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.620%	
35) Dibromofluoromethane	7.710	113	1299	22.501	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 45.000%#	
50) Toluene-d8	10.179	98	7950	38.056	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 76.120%	
62) 4-Bromofluorobenzene	12.483	95	2534	30.973	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 61.940%	
Target Compounds						
						Qvalue
3) Chloromethane	2.107	50	199	1.600	ug/l #	89
4) Vinyl Chloride	2.351	62	42	Below Cal	#	43
5) Bromomethane	2.656	94	246	3.887	ug/l #	66
10) Methyl Iodide	4.088	142	397	8.852	ug/l #	53
16) Acetone	3.930	43	87	9.086	ug/l #	47
20) Methylene Chloride	4.698	84	496	Below Cal	#	71
31) Cyclohexane	7.765	56	46	Below Cal	#	17
36) 1,1-Dichloropropene	7.789	75	364	5.659	ug/l #	42
38) Carbon Tetrachloride	7.783	117	416	5.624	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	1319	39.976	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1319	88.884	ug/l #	7

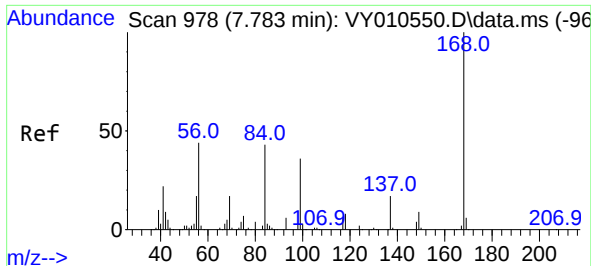
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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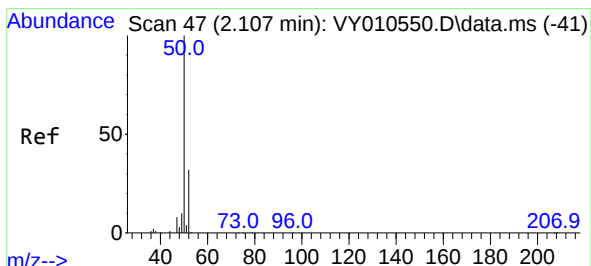
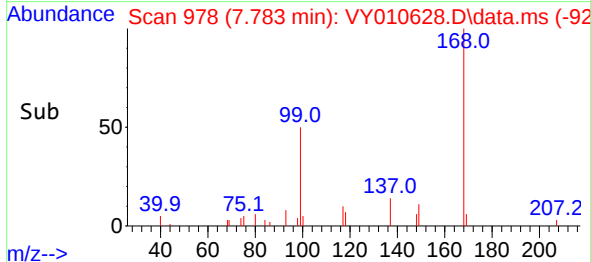
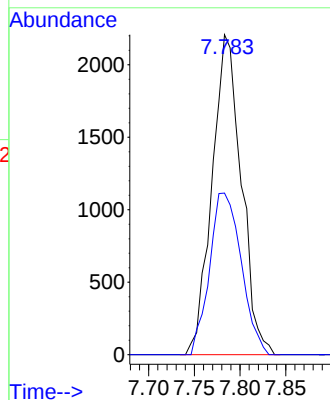
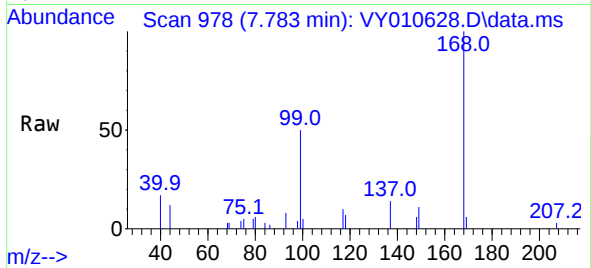




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

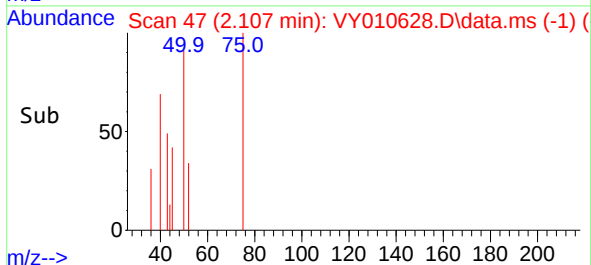
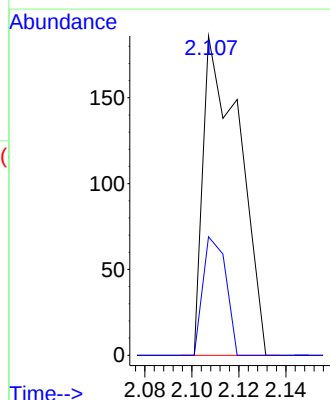
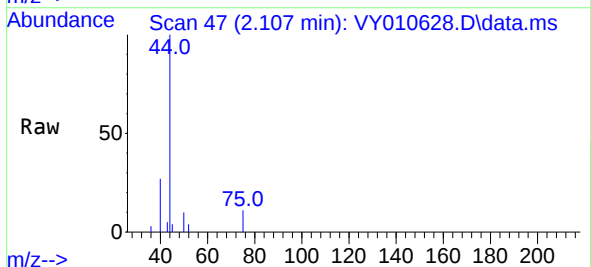
Instrument :
MSVOA_Y
ClientSampleId :
SB-29-6.5-7.0

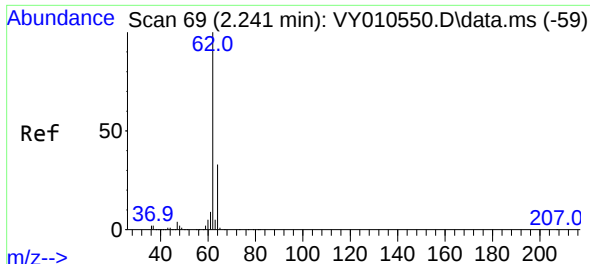
Tgt Ion:168 Resp: 4909
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#3
Chloromethane
Concen: 1.600 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

Tgt Ion: 50 Resp: 199
Ion Ratio Lower Upper
50 100
52 37.1 24.6 37.0#

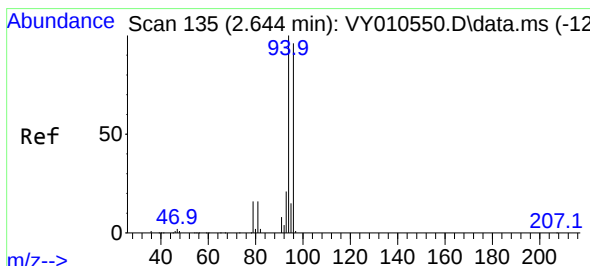
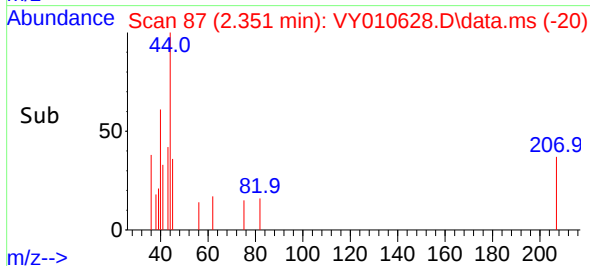
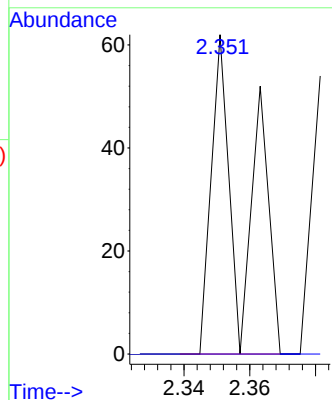
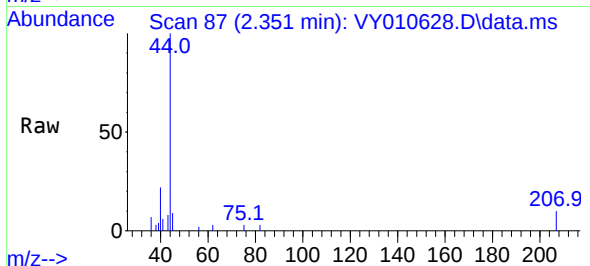




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.351 min Scan# 81
 Delta R.T. 0.110 min
 Lab File: VY010628.D
 Acq: 22 Sep 2022 17:26

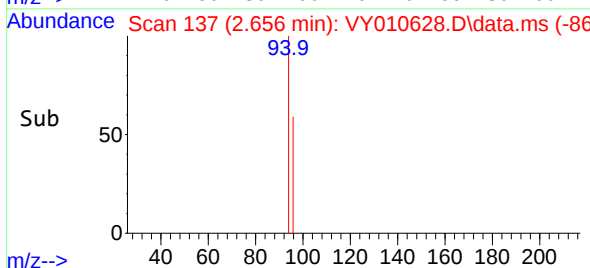
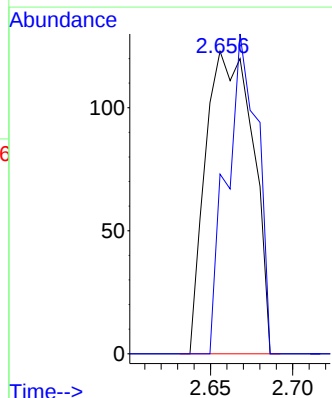
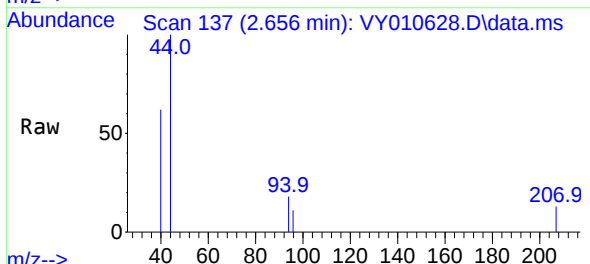
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-29-6.5-7.0

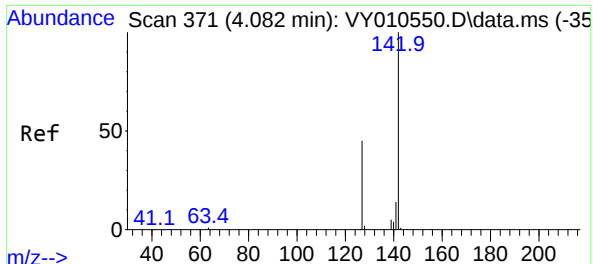
Tgt Ion: 62 Resp: 42
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: 3.887 ug/l
 RT: 2.656 min Scan# 137
 Delta R.T. 0.012 min
 Lab File: VY010628.D
 Acq: 22 Sep 2022 17:26

Tgt Ion: 94 Resp: 246
 Ion Ratio Lower Upper
 94 100
 96 59.3 73.5 110.3#

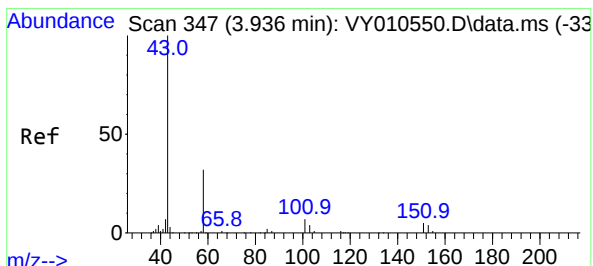
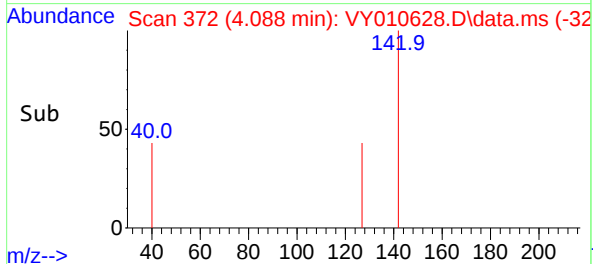
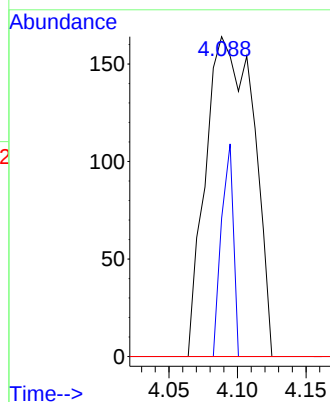
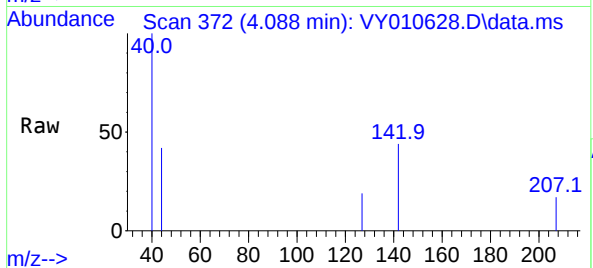




#10
Methyl Iodide
Concen: 8.852 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

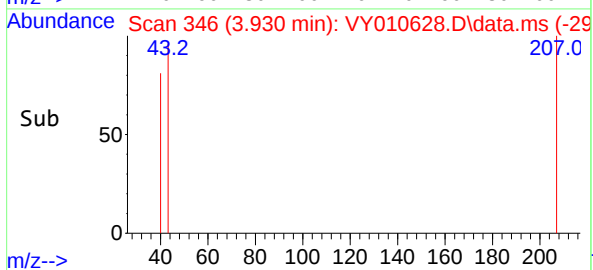
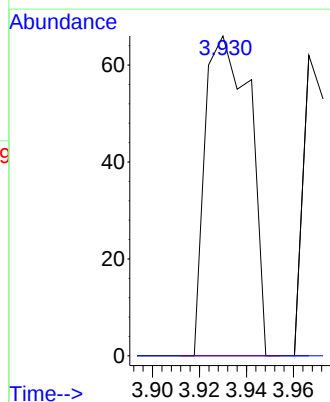
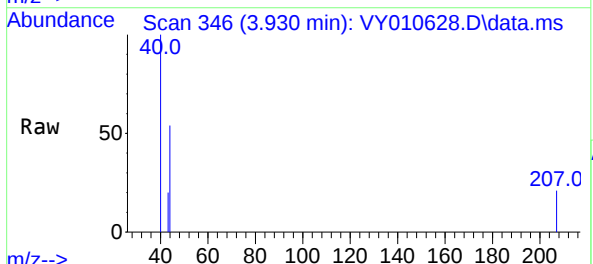
Instrument :
MSVOA_Y
ClientSampleId :
SB-29-6.5-7.0

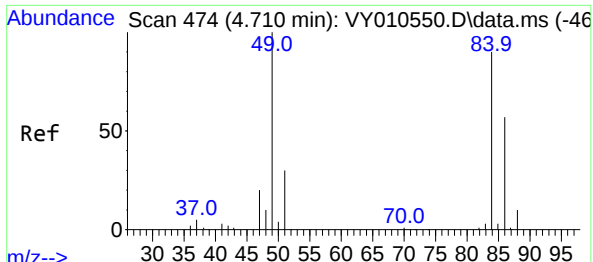
Tgt Ion:142 Resp: 397
Ion Ratio Lower Upper
142 100
127 16.6 41.5 62.3#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 9.086 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

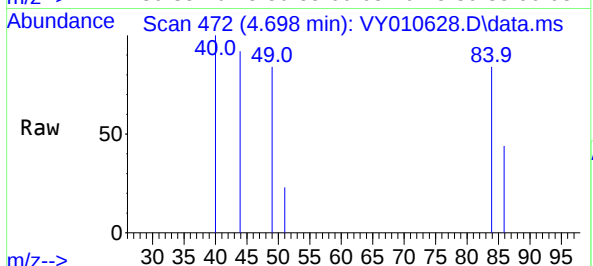
Tgt Ion: 43 Resp: 87
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





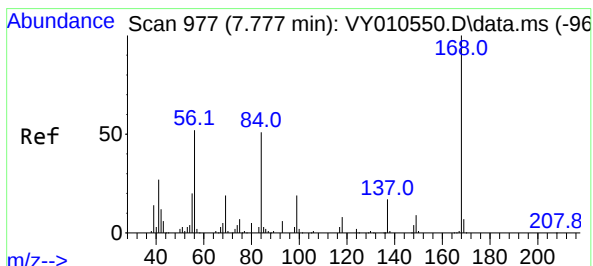
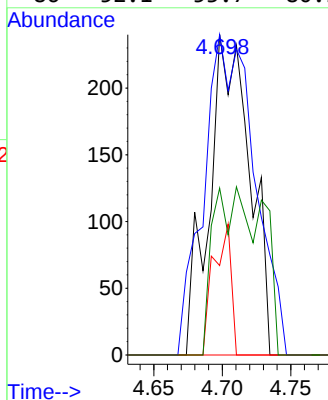
#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-29-6.5-7.0



Tgt Ion: 84 Resp: 496

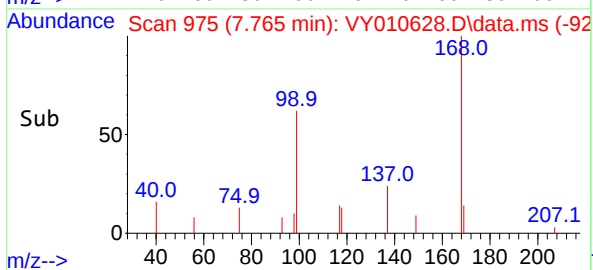
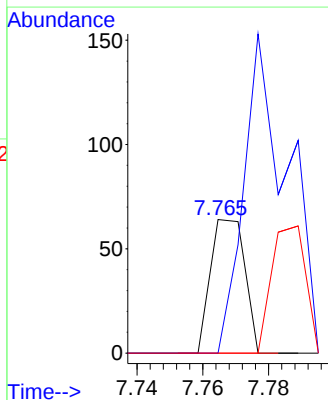
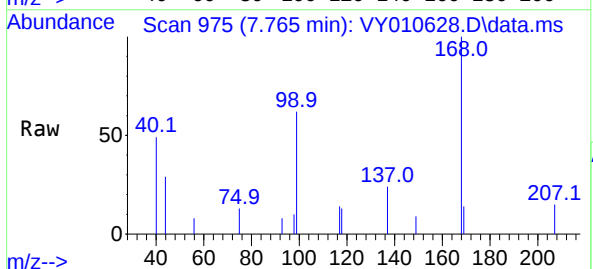
Ion	Ratio	Lower	Upper
84	100		
49	100.0	114.4	171.6#
51	27.9	35.3	52.9#
86	52.1	53.7	80.5#

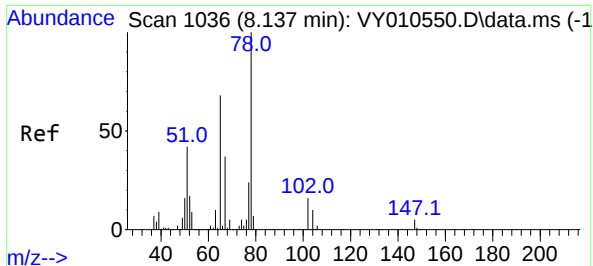


#31
Cyclohexane
Concen: Below Cal
RT: 7.765 min Scan# 975
Delta R.T. -0.012 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

Tgt Ion: 56 Resp: 46

Ion	Ratio	Lower	Upper
56	100		
69	0.0	26.7	40.1#
84	0.0	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 65.810 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY010628.D

Acq: 22 Sep 2022 17:26

Instrument :

MSVOA_Y

ClientSampleId :

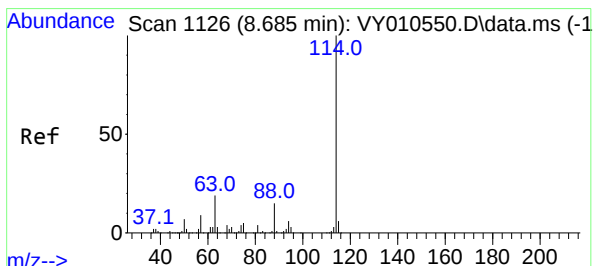
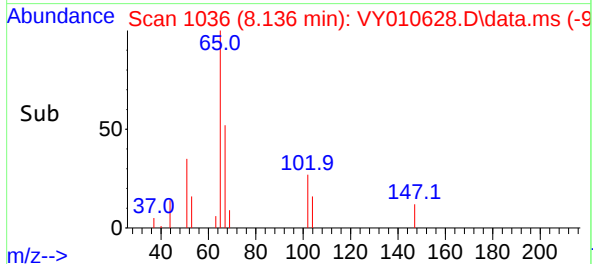
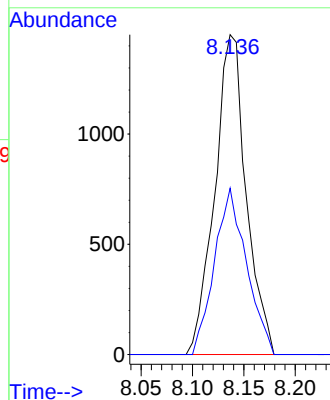
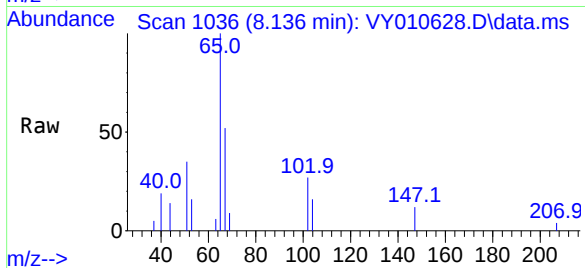
SB-29-6.5-7.0

Tgt Ion: 65 Resp: 3090

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010628.D

Acq: 22 Sep 2022 17:26

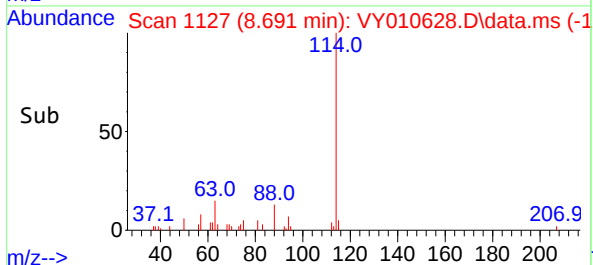
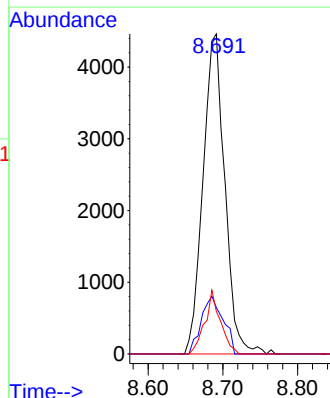
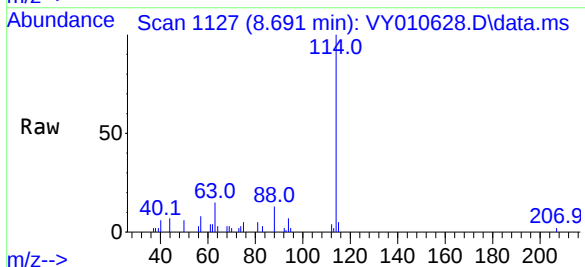
Tgt Ion:114 Resp: 9046

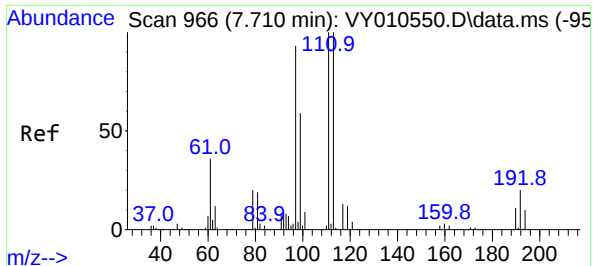
Ion Ratio Lower Upper

114 100

63 14.5 0.0 43.2

88 13.3 0.0 31.8

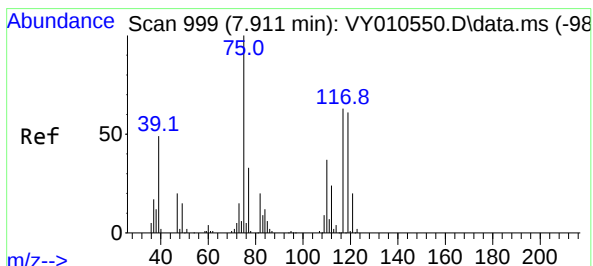
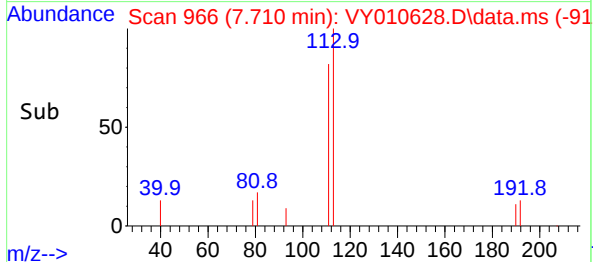
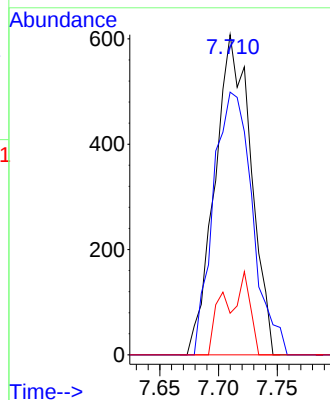
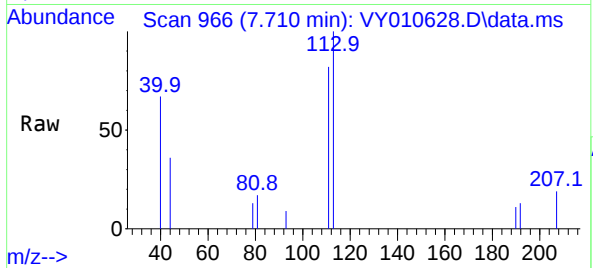




#35
Dibromofluoromethane
Concen: 22.501 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

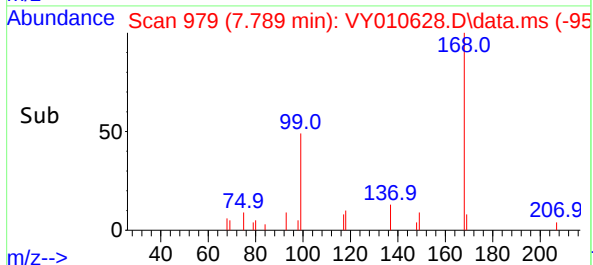
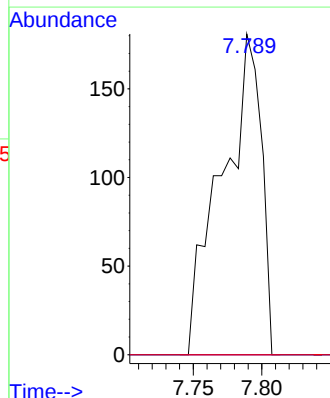
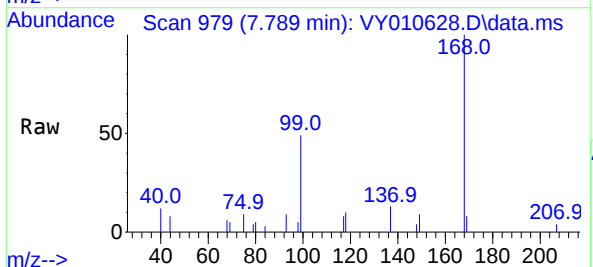
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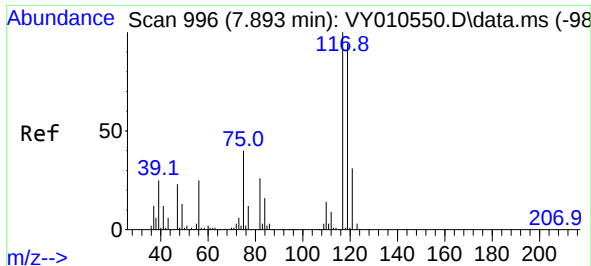
Tgt Ion:113 Resp: 1299
Ion Ratio Lower Upper
113 100
111 88.7 82.6 124.0
192 8.2 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 5.659 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

Tgt Ion: 75 Resp: 364
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

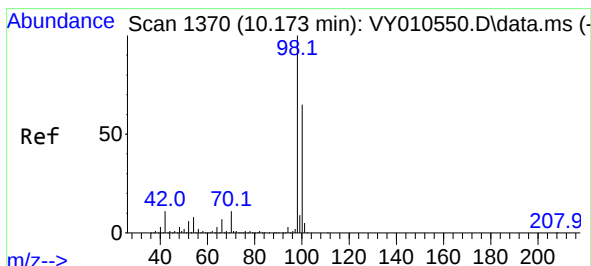
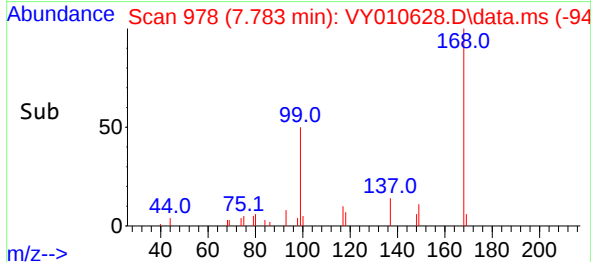
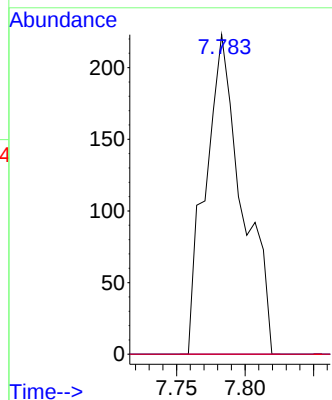
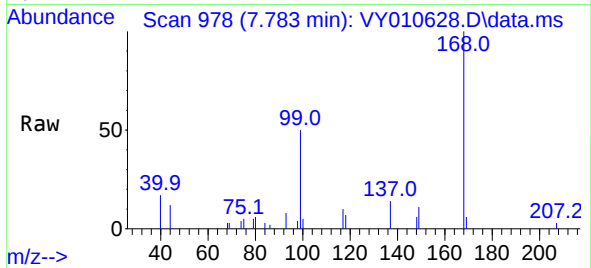




#38
Carbon Tetrachloride
Concen: 5.624 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

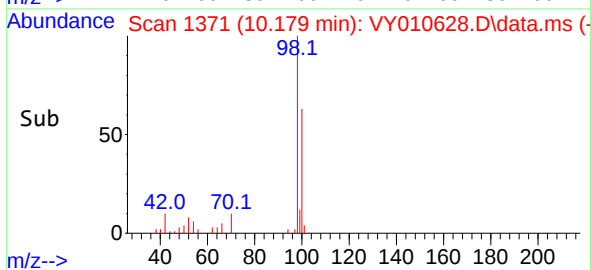
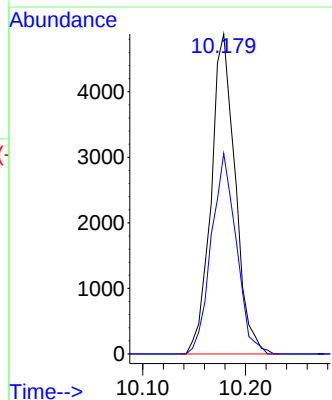
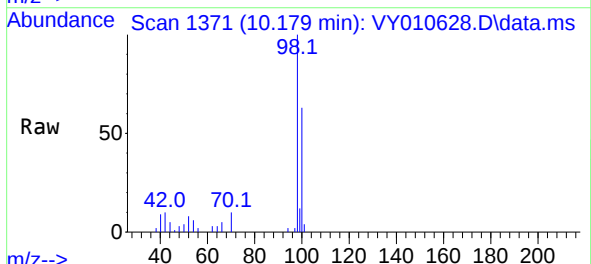
Instrument :
MSVOA_Y
ClientSampleId :
SB-29-6.5-7.0

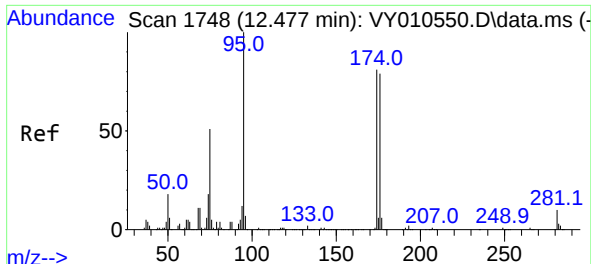
Tgt Ion:117 Resp: 416
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 38.056 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

Tgt Ion: 98 Resp: 7950
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

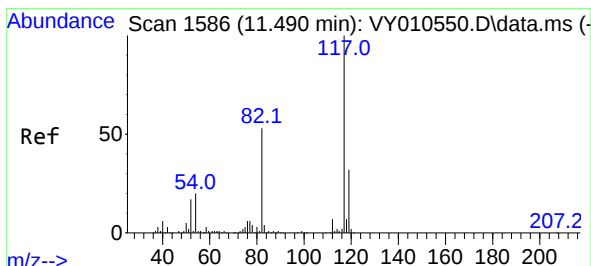
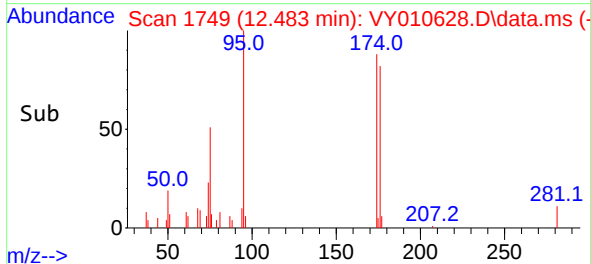
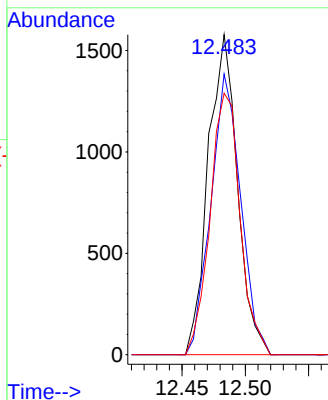
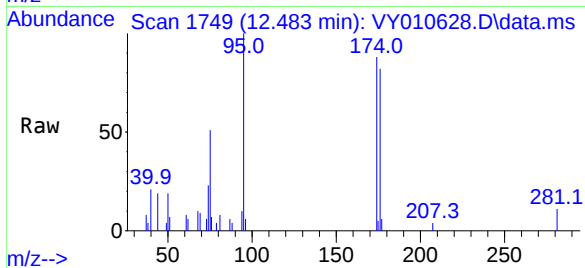




#62
4-Bromofluorobenzene
Concen: 30.973 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

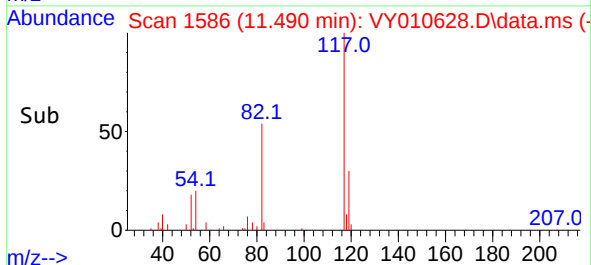
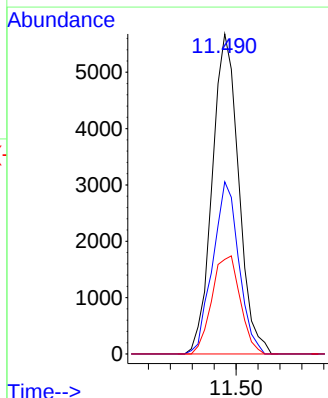
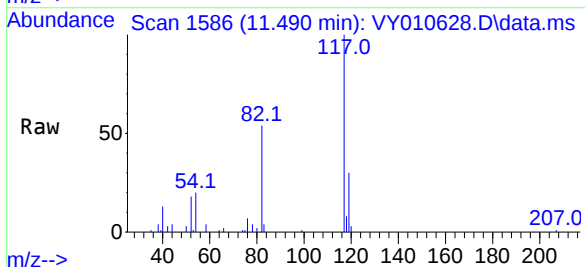
Instrument :
MSVOA_Y
ClientSampleId :
SB-29-6.5-7.0

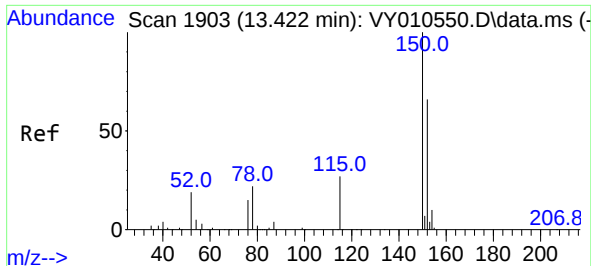
Tgt Ion:	95	Resp:	2534
Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	177.0
176	83.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

Tgt Ion:	117	Resp:	9516
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.4
119	29.6	25.4	38.0

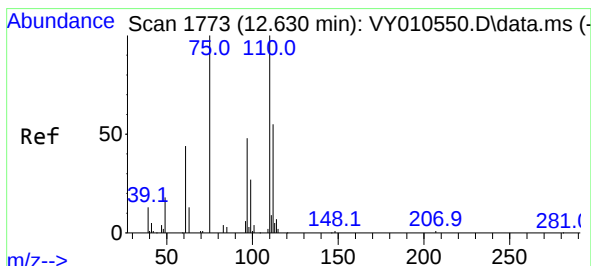
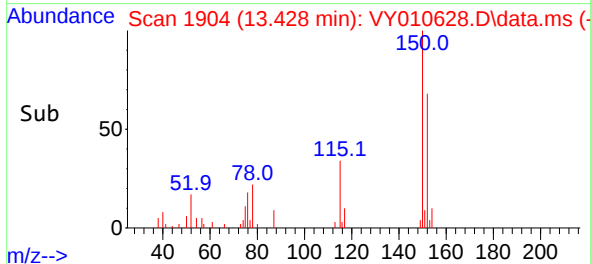
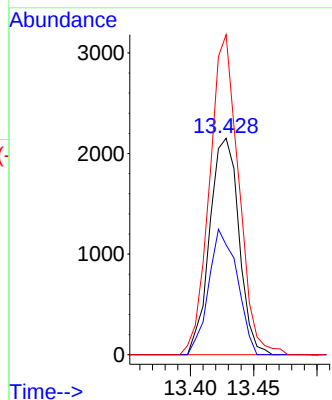
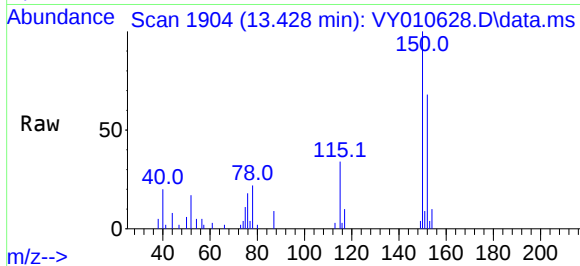




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

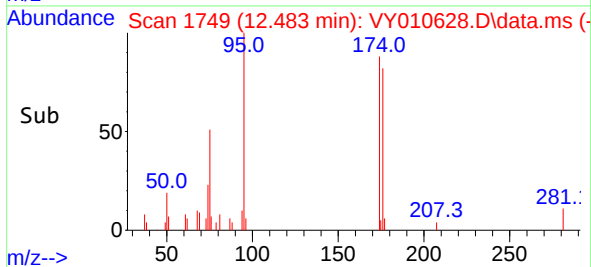
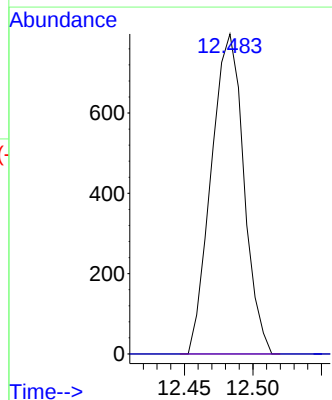
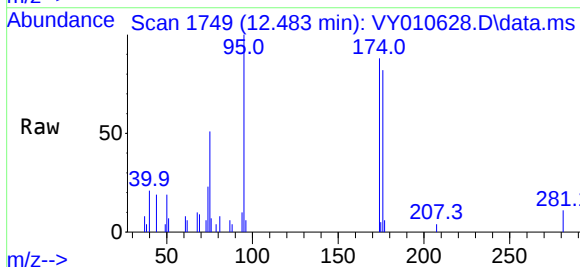
Instrument :
MSVOA_Y
ClientSampleId :
SB-29-6.5-7.0

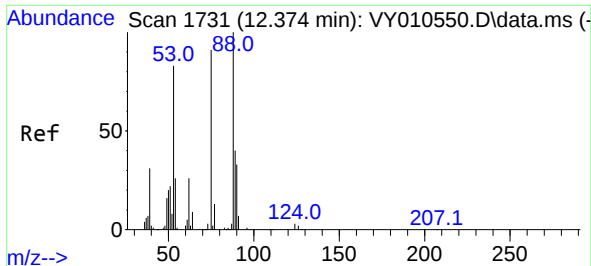
Tgt Ion:152 Resp: 3457
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 147.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 39.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010628.D
Acq: 22 Sep 2022 17:26

Tgt Ion: 75 Resp: 1319
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.884 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY010628.D
 Acq: 22 Sep 2022 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-29-6.5-7.0

Tgt Ion: 75 Resp: 1319
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

