

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010464.D
 Acq On : 13 Sep 2022 17:19
 Operator : KP/MD
 Sample : N4509-05RE
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_116D-20220902RE

Quant Time: Sep 14 05:25:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

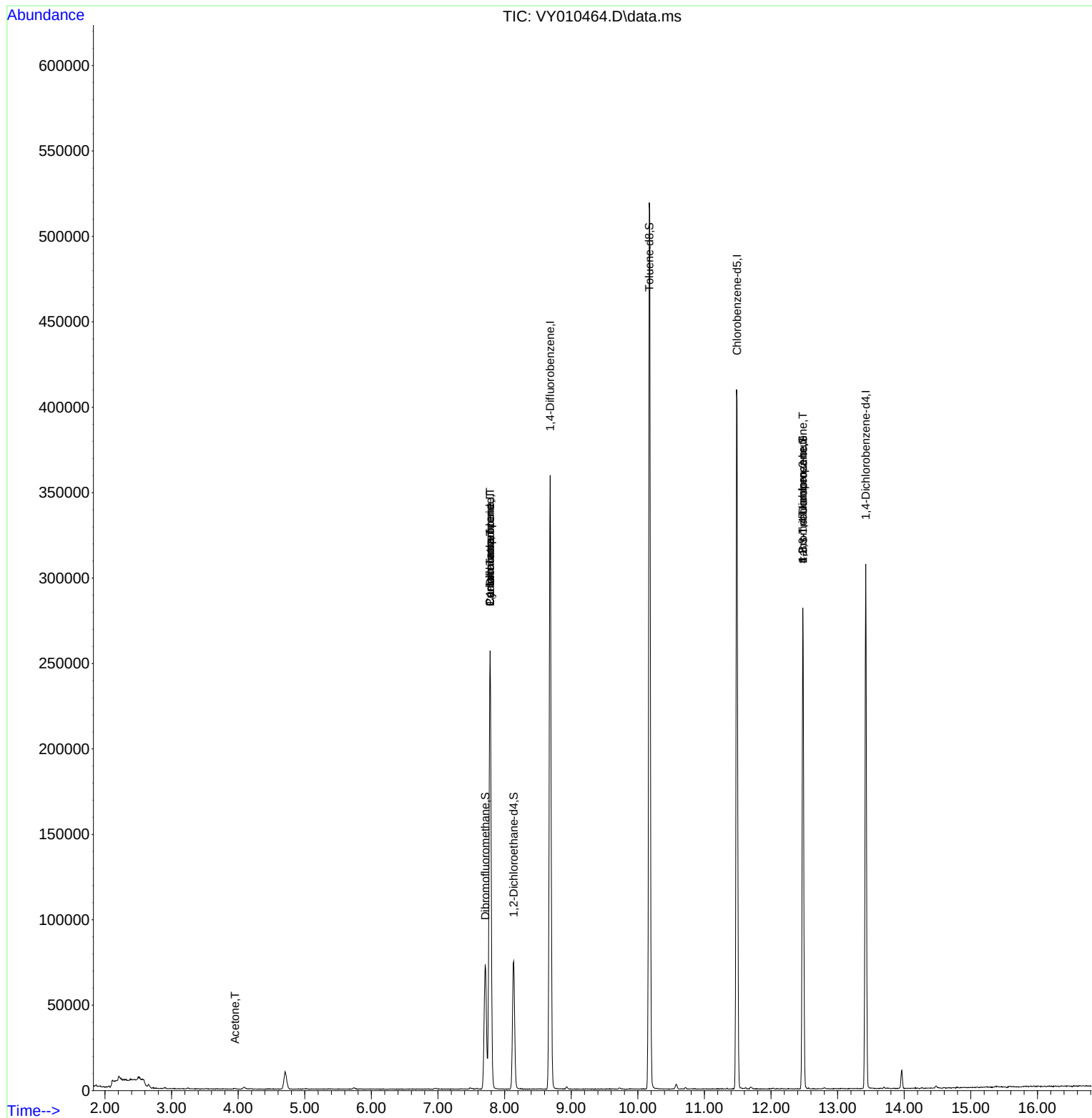
Internal Standards						
1) Pentafluorobenzene	7.783	168	200349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	305210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	230215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60259	29.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	59.720%
35) Dibromofluoromethane	7.710	113	54008	24.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	49.840%#
50) Toluene-d8	10.173	98	350519	49.895	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.477	95	82332	26.698	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	53.400%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	580	1.252	ug/l #	47
20) Methylene Chloride	4.704	84	7471	Below Cal		89
31) Cyclohexane	7.783	56	4063	1.192	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14898	5.020	ug/l #	50
38) Carbon Tetrachloride	7.783	117	19658	5.954	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	43162	49.769	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43162	110.505	ug/l #	7

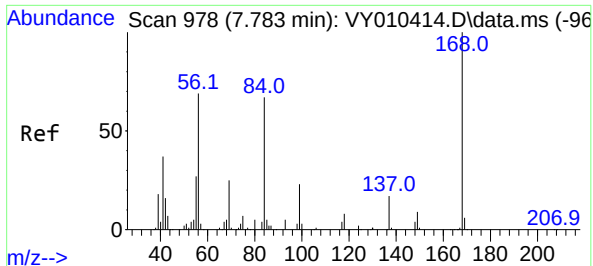
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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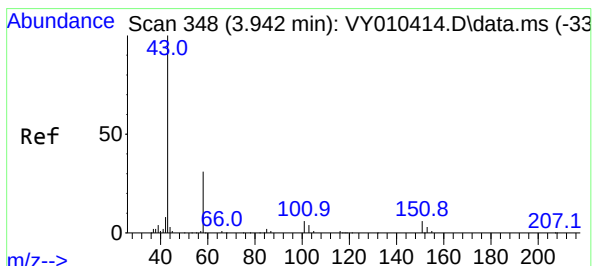
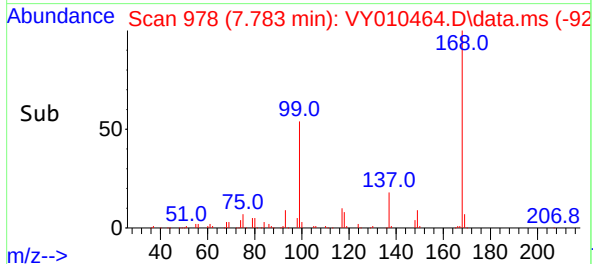
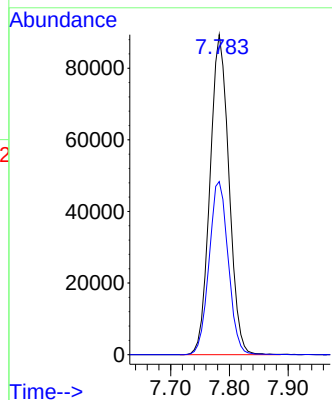
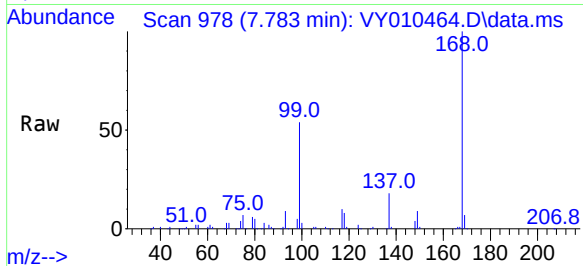




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

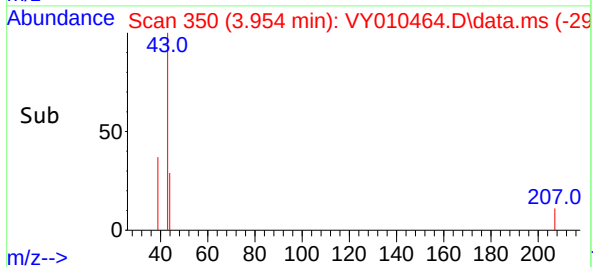
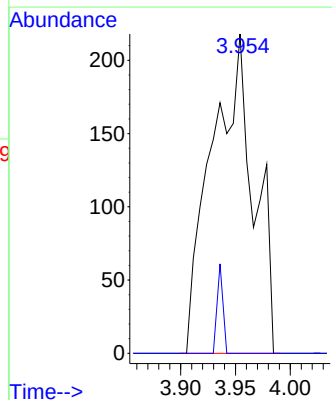
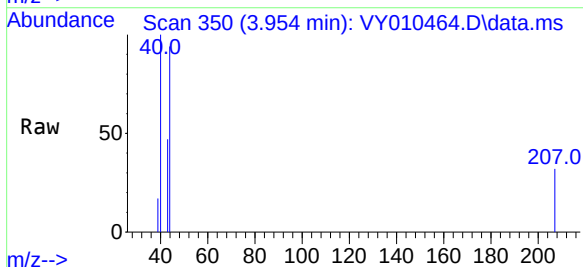
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902RE

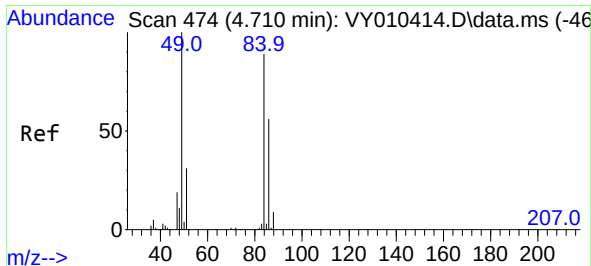
Tgt Ion:168 Resp: 200349
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#16
Acetone
Concen: 1.252 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

Tgt Ion: 43 Resp: 580
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



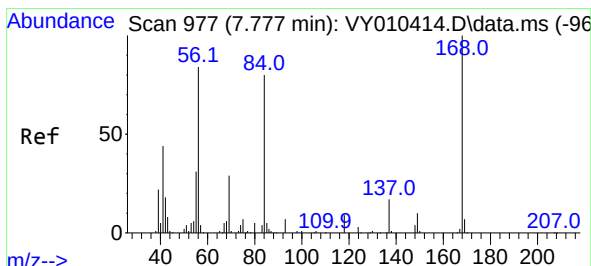
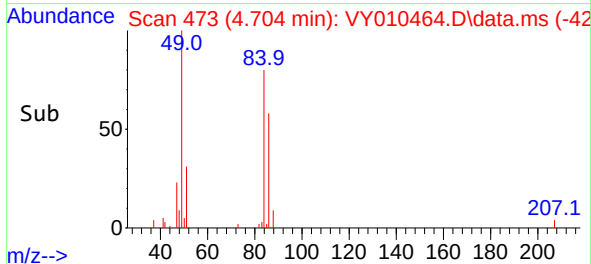
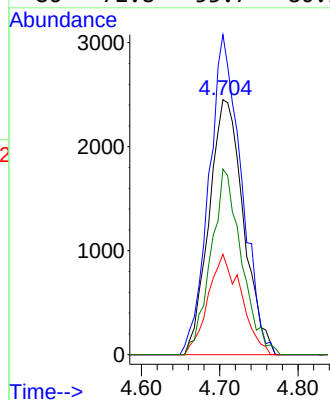
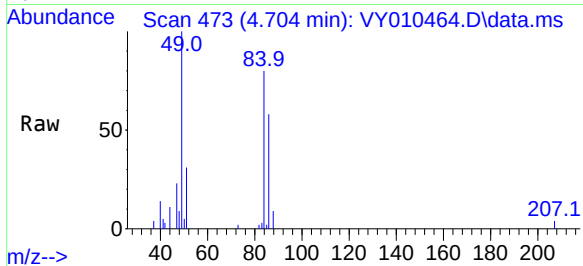


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902RE

Tgt Ion: 84 Resp: 7471

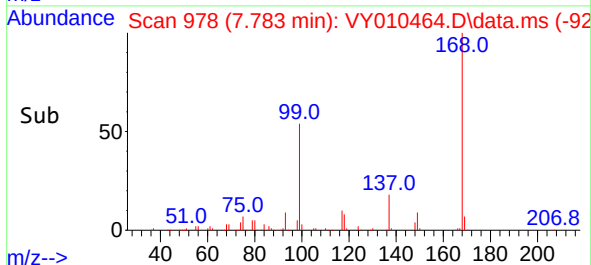
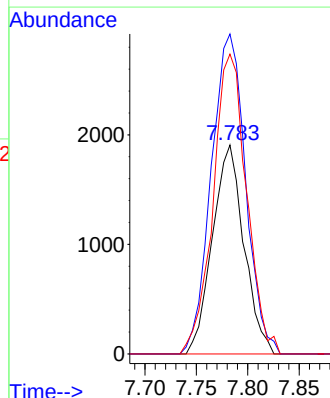
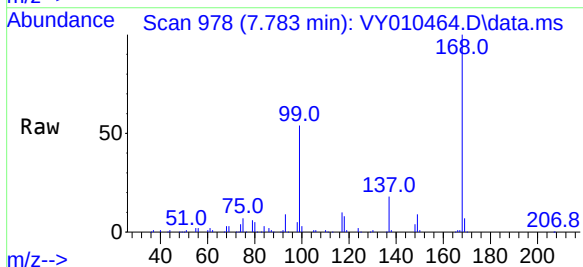
Ion	Ratio	Lower	Upper
84	100		
49	125.4	114.4	171.6
51	39.4	35.3	52.9
86	72.8	53.7	80.5

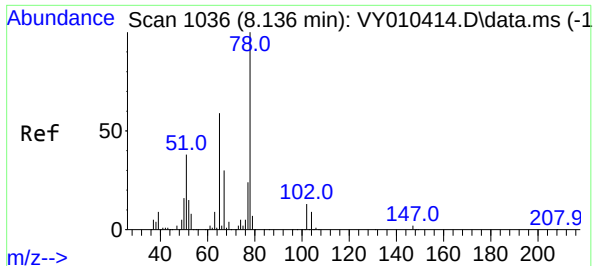


#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

Tgt Ion: 56 Resp: 4063

Ion	Ratio	Lower	Upper
56	100		
69	153.2	26.7	40.1#
84	143.5	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 29.863 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010464.D

Acq: 13 Sep 2022 17:19

Instrument :

MSVOA_Y

ClientSampleId :

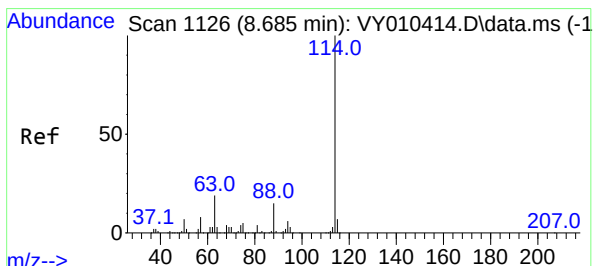
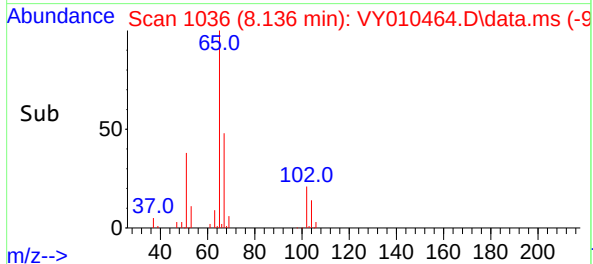
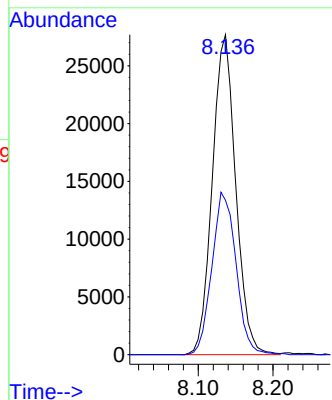
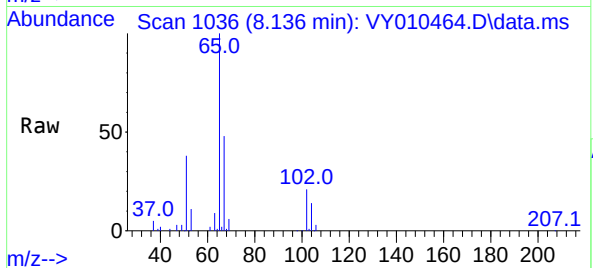
S1-SO_116D-20220902RE

Tgt Ion: 65 Resp: 60259

Ion Ratio Lower Upper

65 100

67 52.4 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: VY010464.D

Acq: 13 Sep 2022 17:19

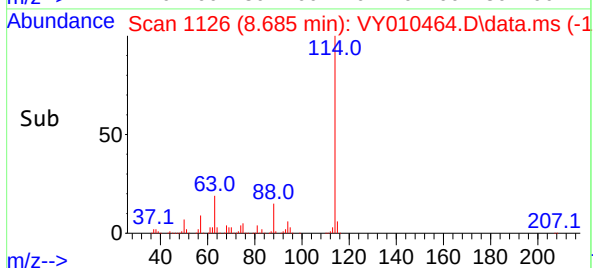
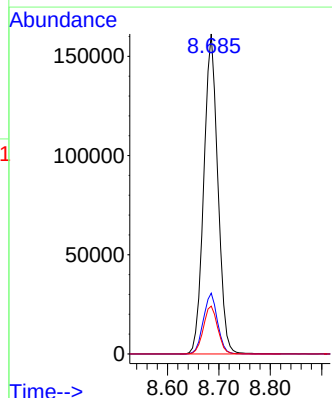
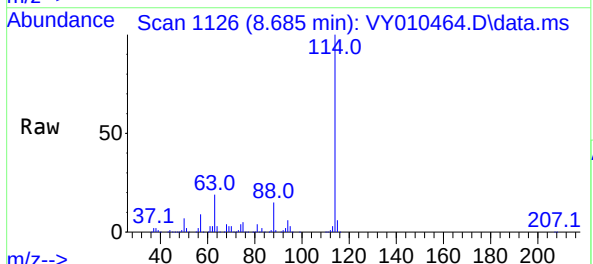
Tgt Ion: 114 Resp: 305210

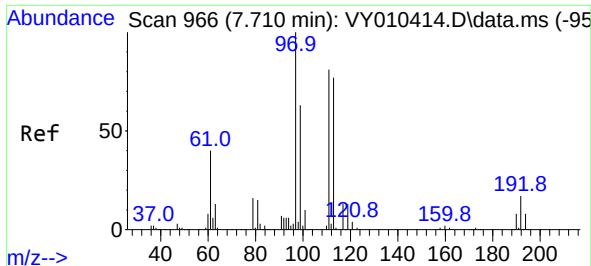
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.9 0.0 31.8

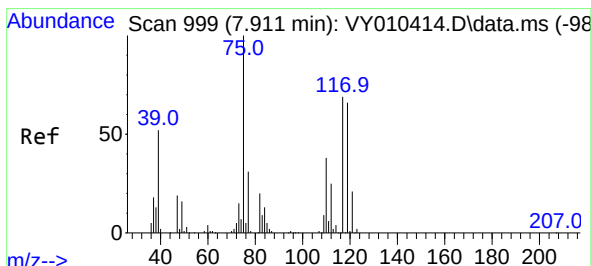
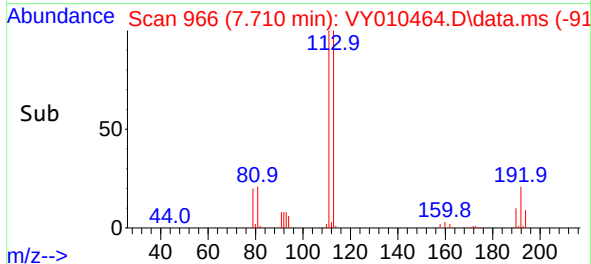
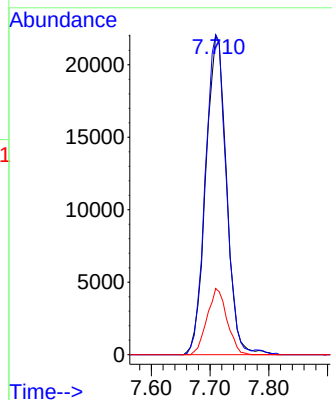
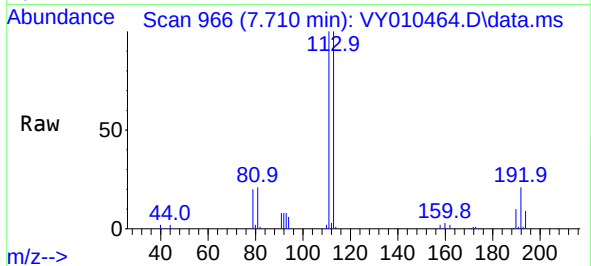




#35
Dibromofluoromethane
Concen: 24.916 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

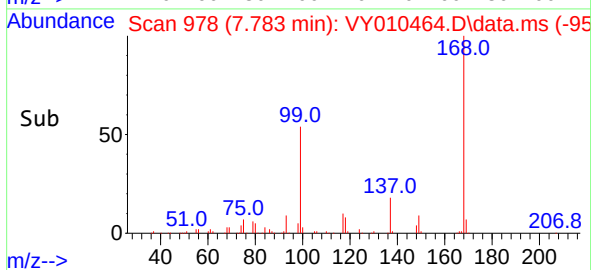
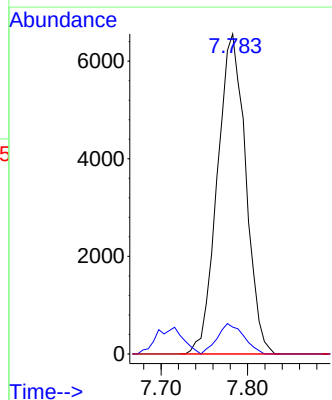
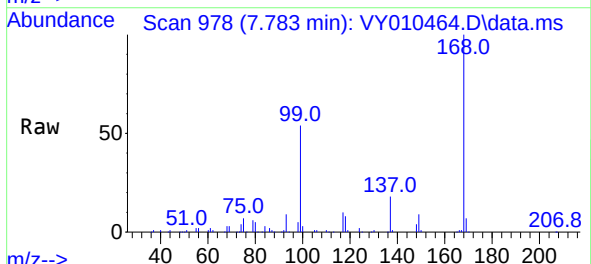
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902RE

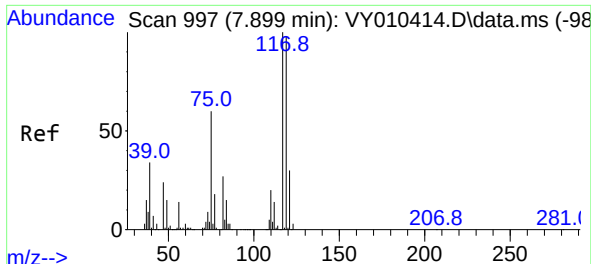
Tgt Ion:	113	Resp:	54008
Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.6	124.0
192	19.9	17.6	26.4



#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

Tgt Ion:	75	Resp:	14898
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.1	51.2#
77	0.0	24.4	36.6#

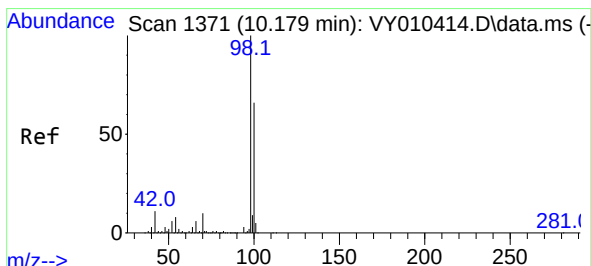
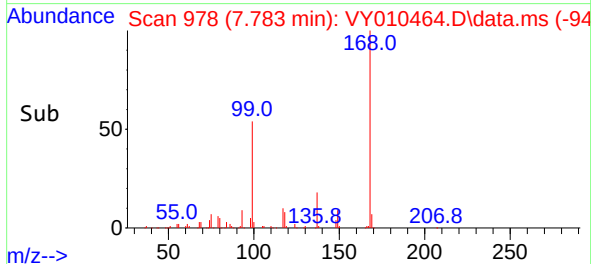
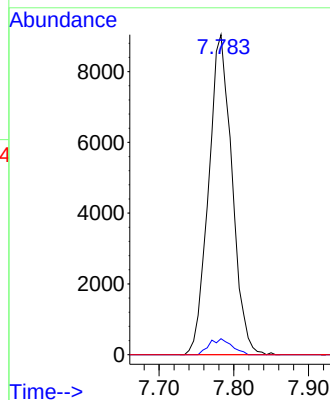
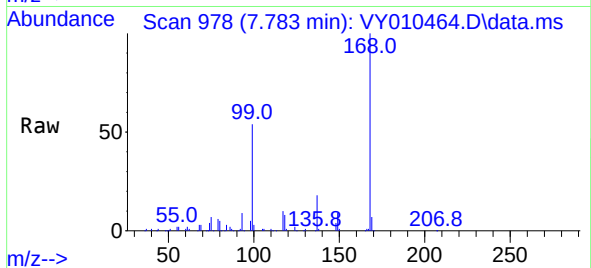




#38
Carbon Tetrachloride
Concen: 5.954 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

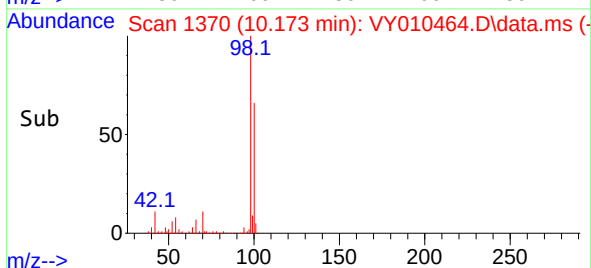
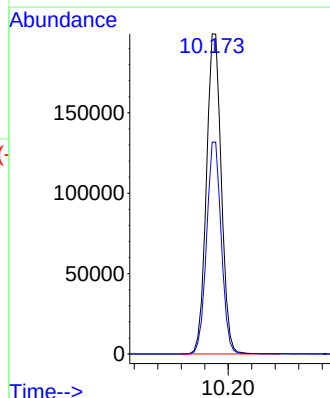
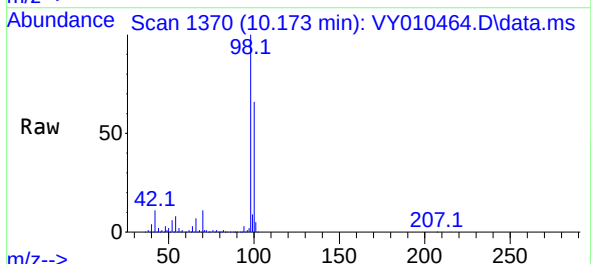
Instrument :
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ClientSampleId :
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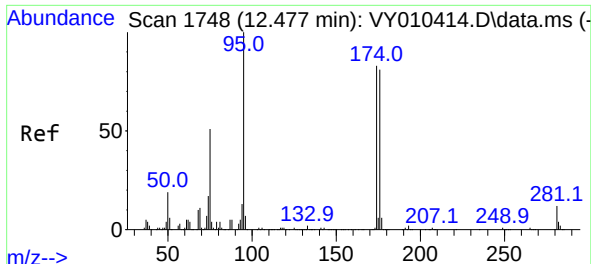
Tgt Ion:117 Resp: 19658
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.895 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

Tgt Ion: 98 Resp: 350519
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

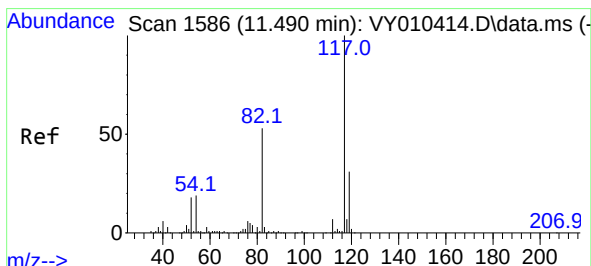
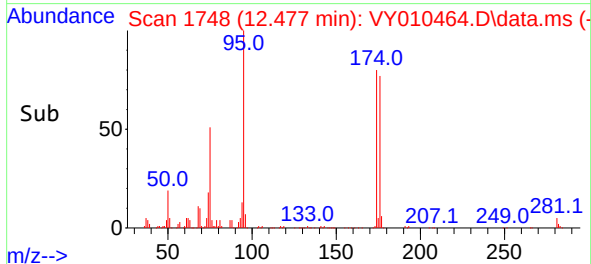
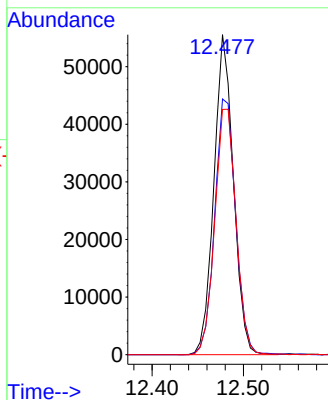
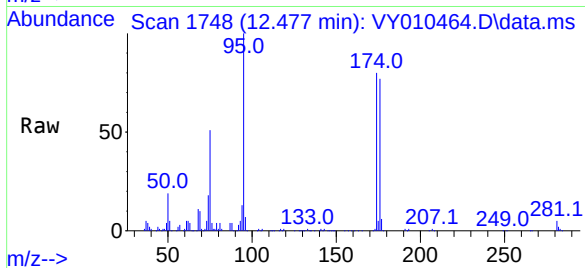




#62
4-Bromofluorobenzene
Concen: 26.698 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

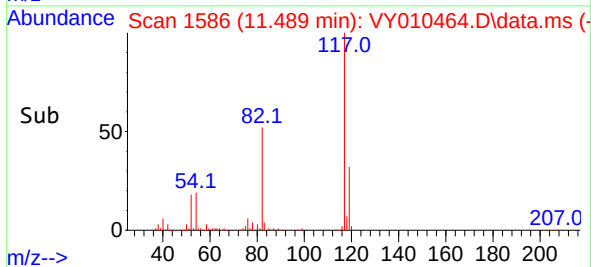
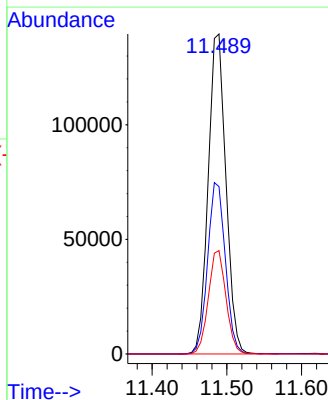
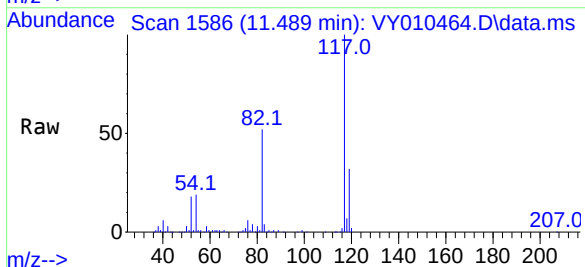
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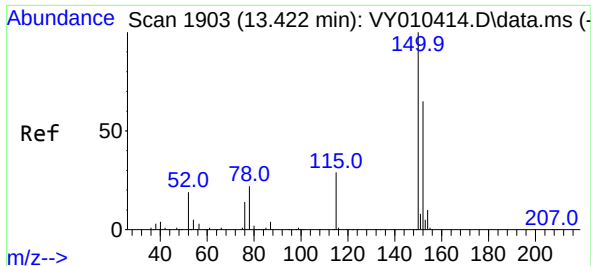
Tgt Ion:	95	Resp:	82332
Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	177.0
176	83.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

Tgt Ion:	117	Resp:	230215
Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.0	64.4
119	32.3	25.4	38.0

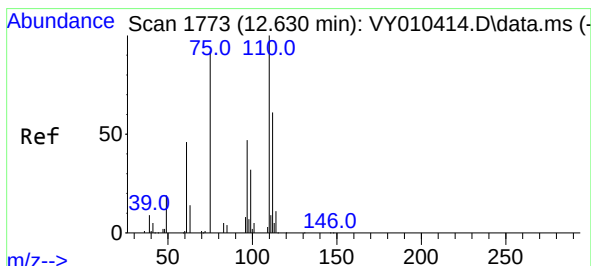
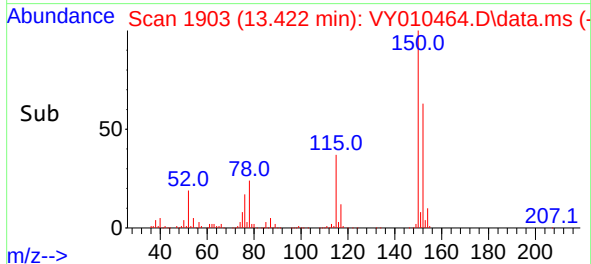
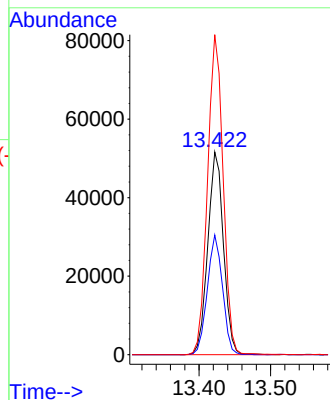
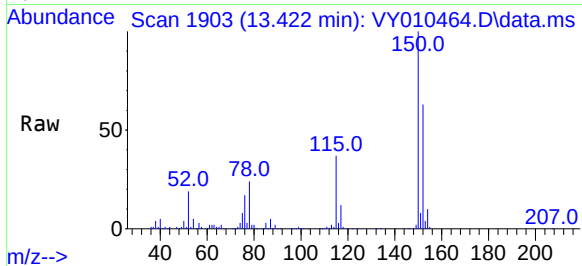




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

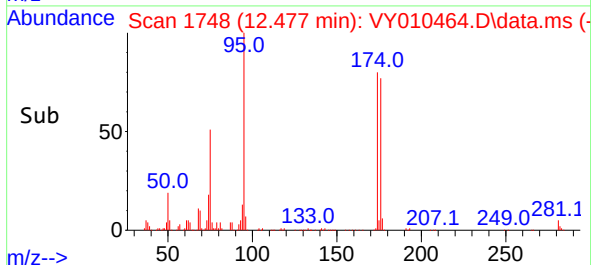
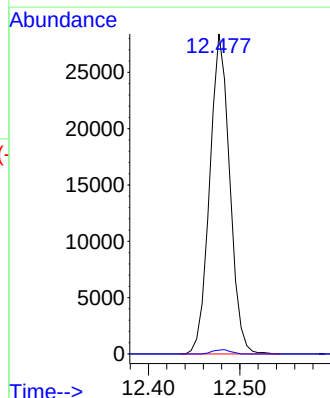
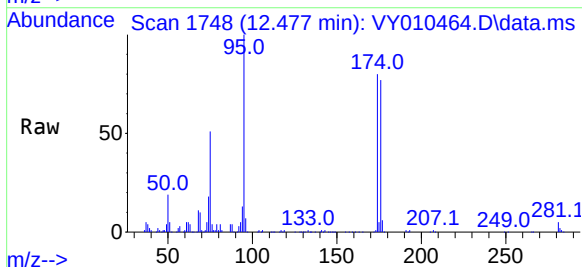
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902RE

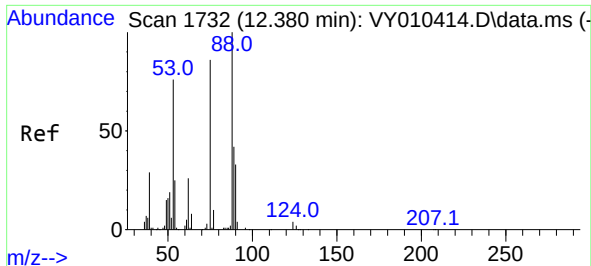
Tgt Ion:152 Resp: 78579
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 157.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 49.769 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

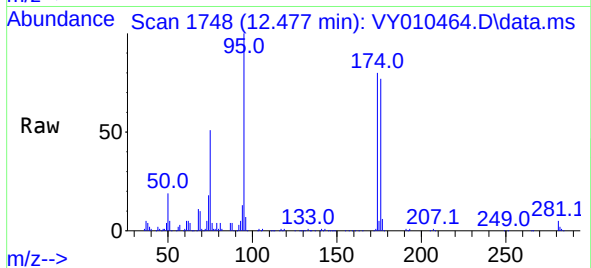
Tgt Ion: 75 Resp: 43162
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.505 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010464.D
 Acq: 13 Sep 2022 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_116D-20220902RE



Tgt Ion: 75 Resp: 43162
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

