

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015276.D
 Acq On : 23 Aug 2023 04:10
 Operator : SY/MD
 Sample : 04110-20
 Misc : 3.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-28(1.5-2.5)

Quant Time: Aug 23 05:01:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

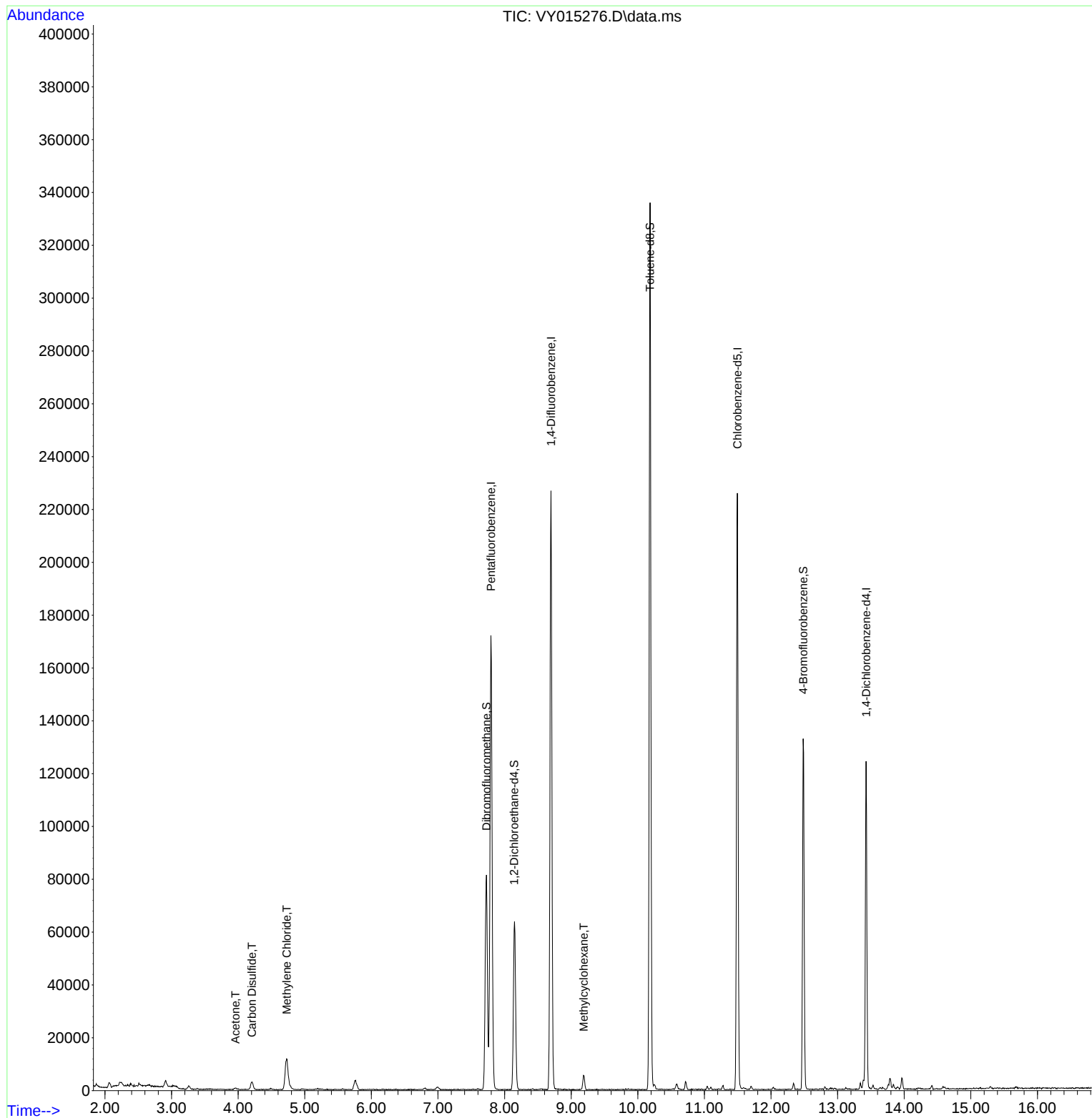
Internal Standards						
1) Pentafluorobenzene	7.795	168	131759	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	193187	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	124937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51458	32.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.060%
35) Dibromofluoromethane	7.728	113	56339	45.331	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.660%
50) Toluene-d8	10.185	98	216343	46.761	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.520%
62) 4-Bromofluorobenzene	12.483	95	38665	22.881	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.760%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	1101	2.131	ug/l	93
17) Carbon Disulfide	4.204	76	6064	3.758	ug/l #	95
20) Methylene Chloride	4.728	84	8711	2.968	ug/l	93
39) Methylcyclohexane	9.191	83	2202	1.429	ug/l	88

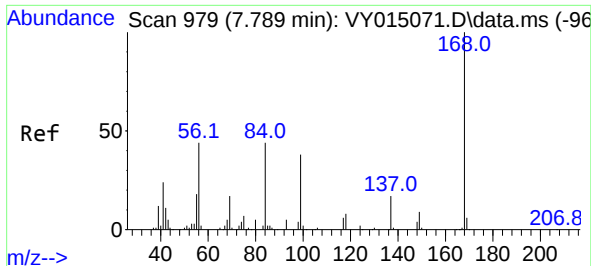
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-28(1.5-2.5)

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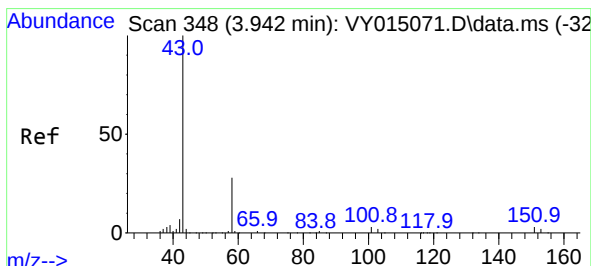
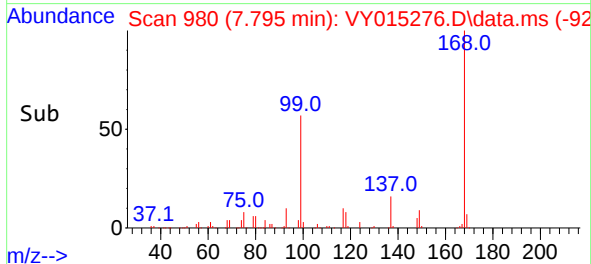
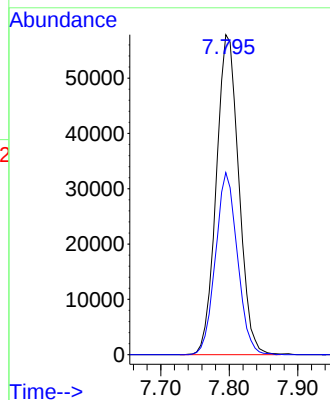
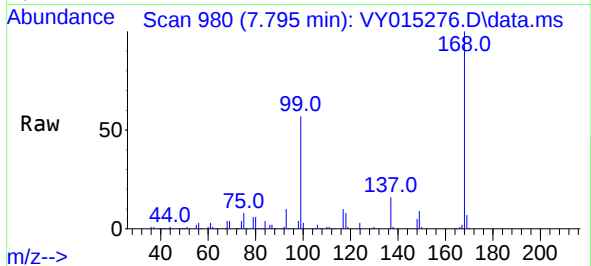




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015276.D
Acq: 23 Aug 2023 04:10

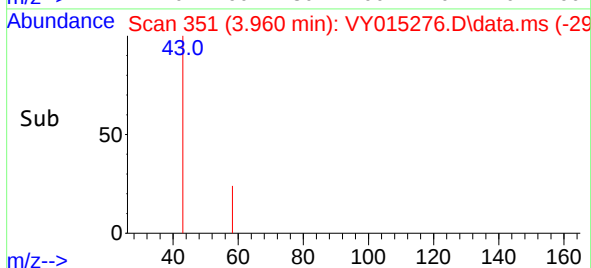
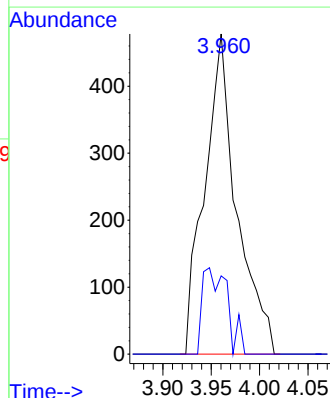
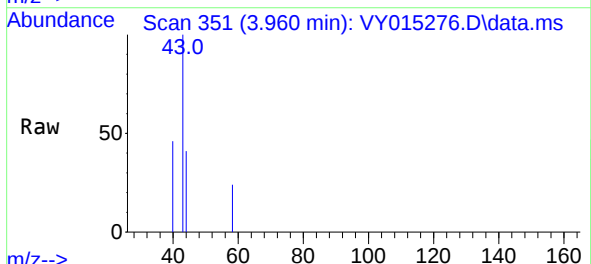
Instrument :
MSVOA_Y
ClientSampleId :
TP-28(1.5-2.5)

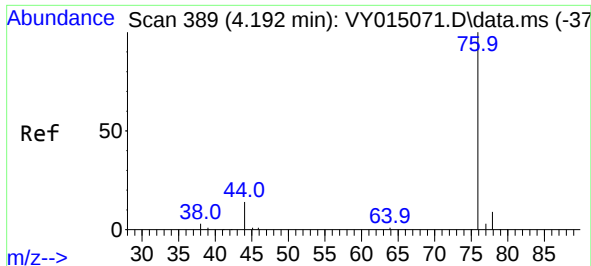
Tgt Ion:168 Resp: 131759
Ion Ratio Lower Upper
168 100
99 56.9 43.4 65.0



#16
Acetone
Concen: 2.131 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015276.D
Acq: 23 Aug 2023 04:10

Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 24.5 22.7 34.1

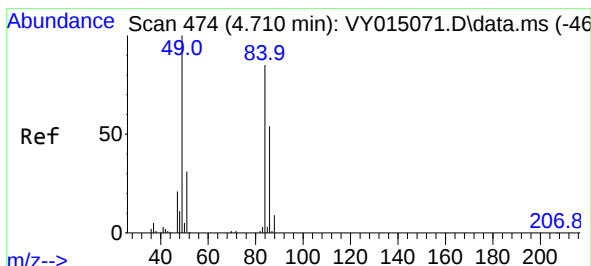
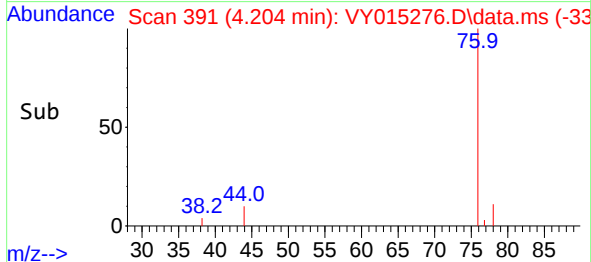
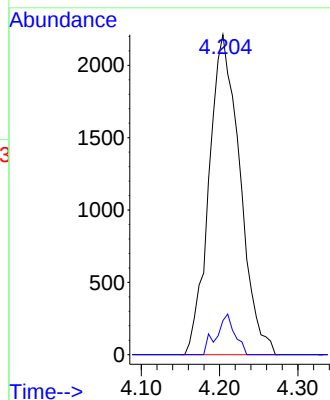
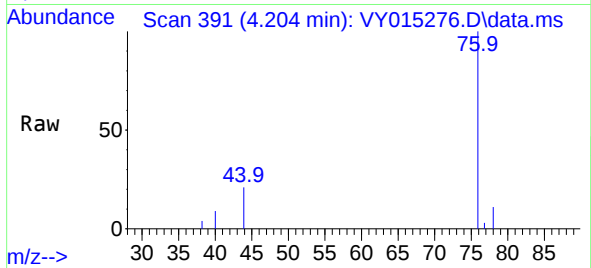




#17
Carbon Disulfide
Concen: 3.758 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY015276.D
Acq: 23 Aug 2023 04:10

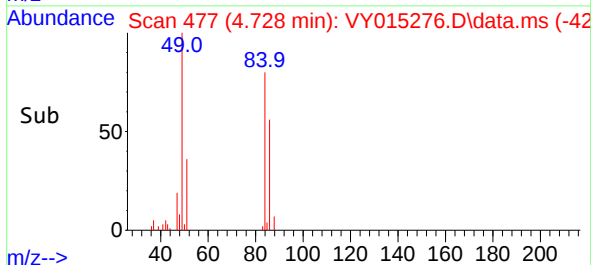
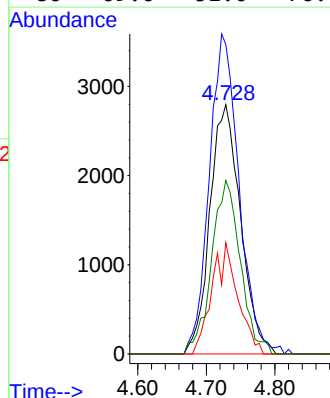
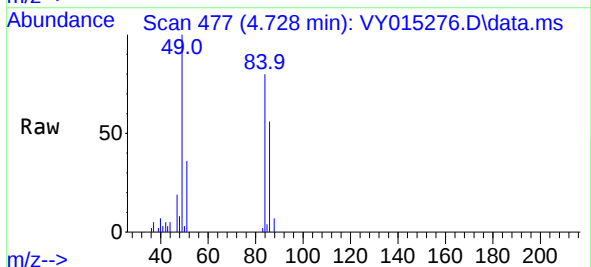
Instrument :
MSVOA_Y
ClientSampleId :
TP-28(1.5-2.5)

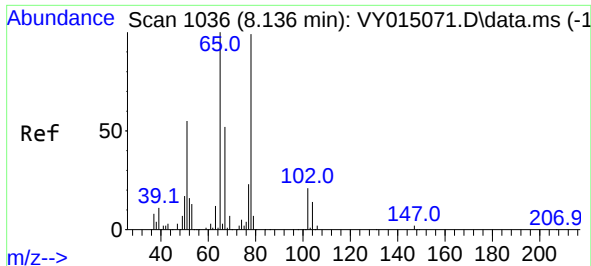
Tgt Ion: 76 Resp: 6064
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.4#



#20
Methylene Chloride
Concen: 2.968 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.018 min
Lab File: VY015276.D
Acq: 23 Aug 2023 04:10

Tgt Ion: 84 Resp: 8711
Ion Ratio Lower Upper
84 100
49 124.3 106.9 160.3
51 44.5 33.2 49.8
86 69.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 32.535 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015276.D

Acq: 23 Aug 2023 04:10

Instrument :

MSVOA_Y

ClientSampleId :

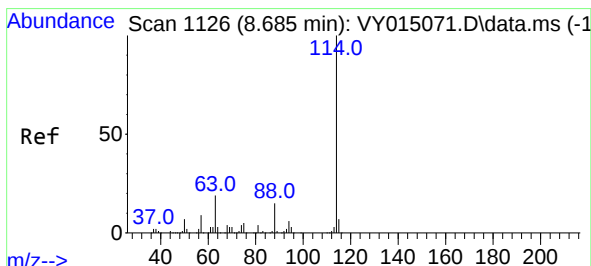
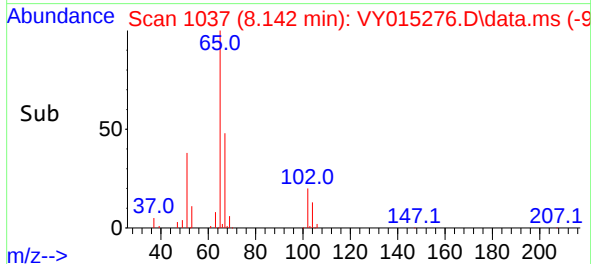
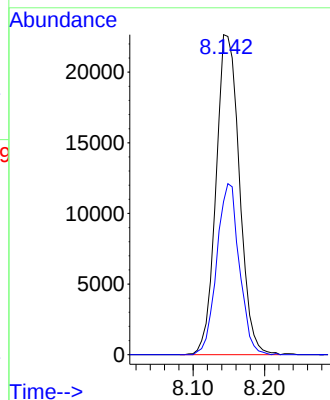
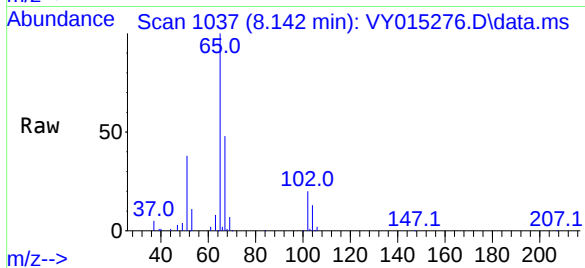
TP-28(1.5-2.5)

Tgt Ion: 65 Resp: 51458

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015276.D

Acq: 23 Aug 2023 04:10

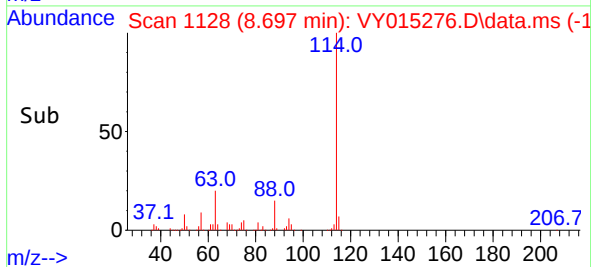
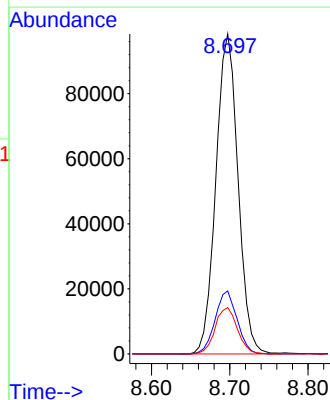
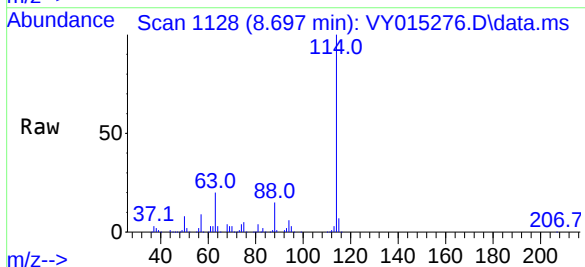
Tgt Ion:114 Resp: 193187

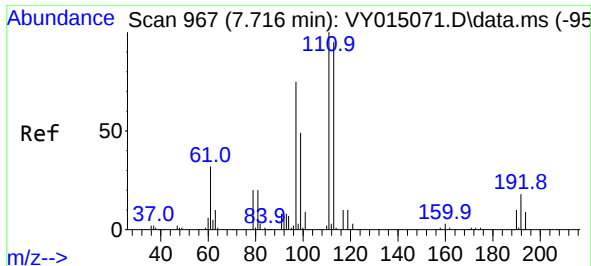
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 14.5 0.0 30.6



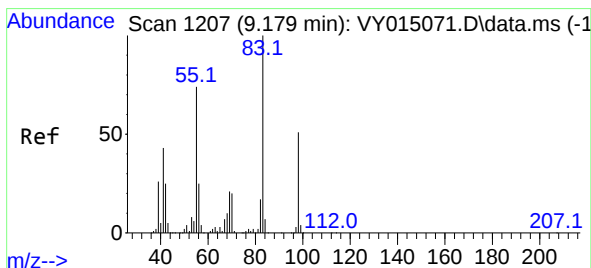
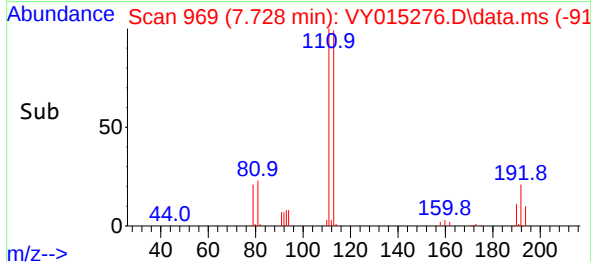
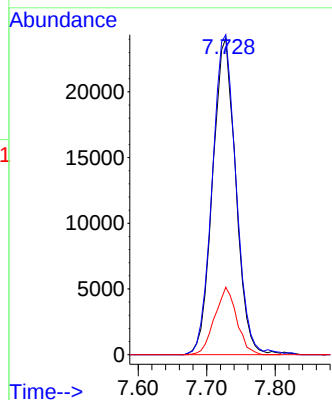
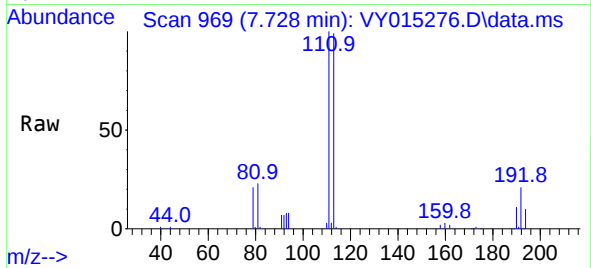


#35
Dibromofluoromethane
Concen: 45.331 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015276.D
Acq: 23 Aug 2023 04:10

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TP-28(1.5-2.5)

Tgt Ion:113 Resp: 56339

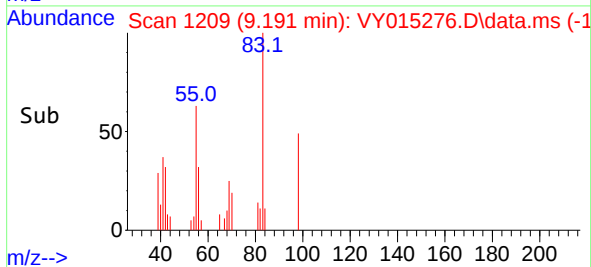
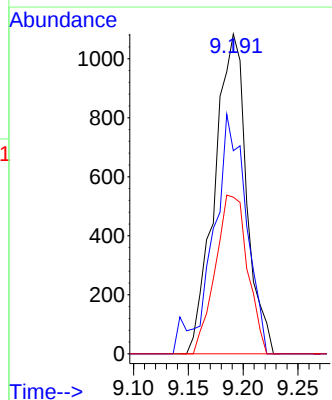
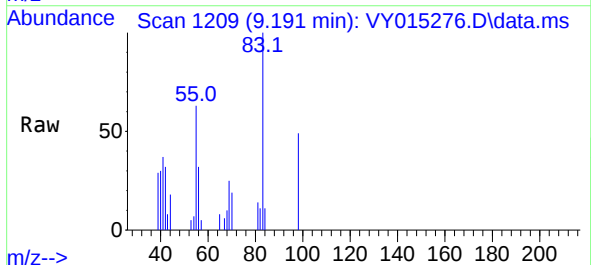
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.3	121.9
192	20.3	16.9	25.3

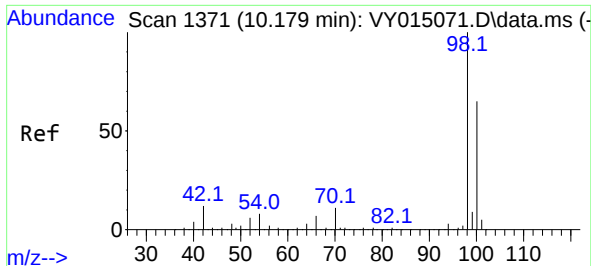


#39
Methylcyclohexane
Concen: 1.429 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.012 min
Lab File: VY015276.D
Acq: 23 Aug 2023 04:10

Tgt Ion: 83 Resp: 2202

Ion	Ratio	Lower	Upper
83	100		
55	63.5	63.0	94.4
98	49.0	37.4	56.2

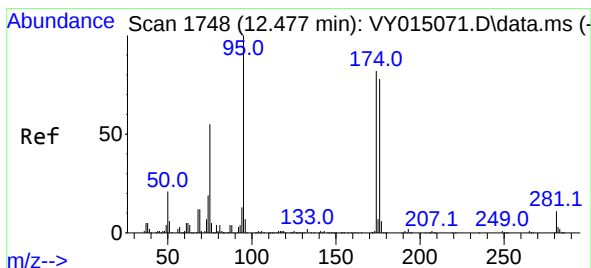
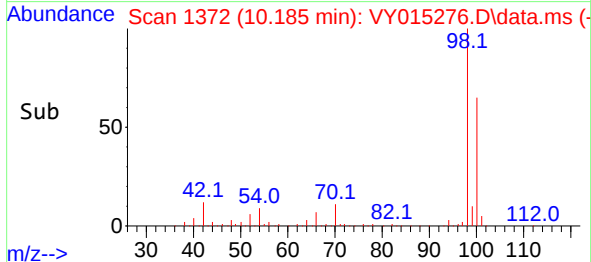
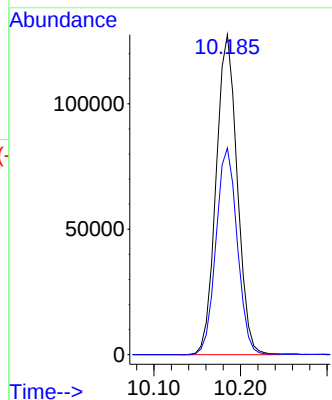
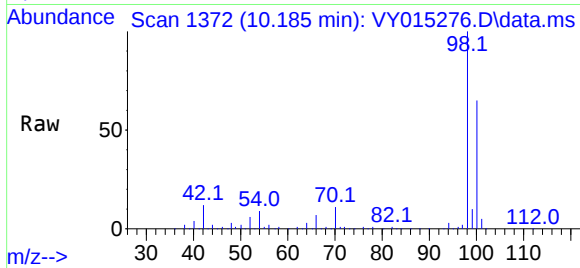




#50
Toluene-d8
Concen: 46.761 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015276.D
Acq: 23 Aug 2023 04:10

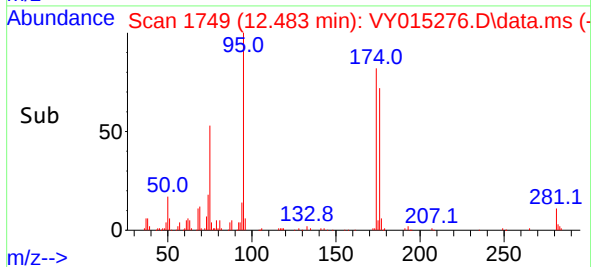
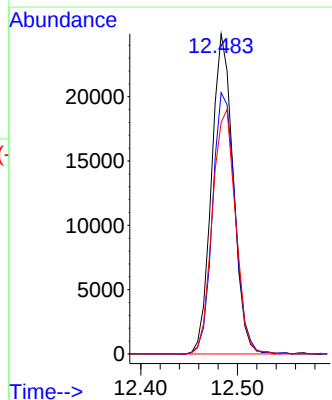
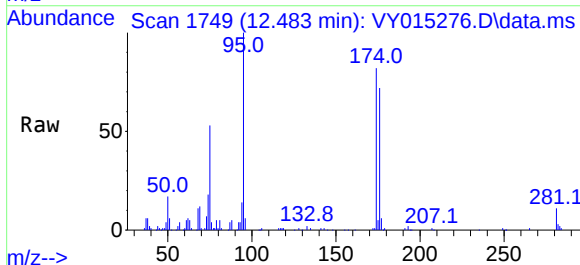
Instrument :
MSVOA_Y
ClientSampleId :
TP-28(1.5-2.5)

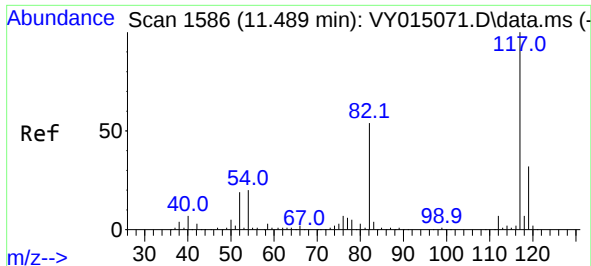
Tgt Ion: 98 Resp: 216343
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 22.881 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015276.D
Acq: 23 Aug 2023 04:10

Tgt Ion: 95 Resp: 38665
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 81.7 0.0 173.8

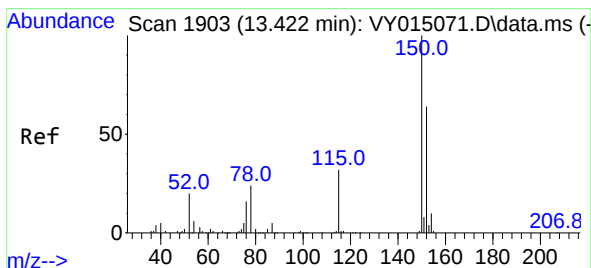
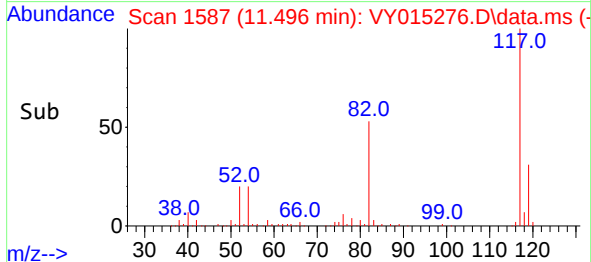
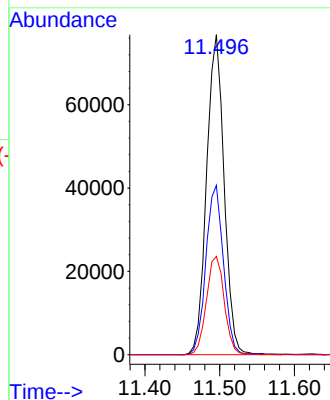
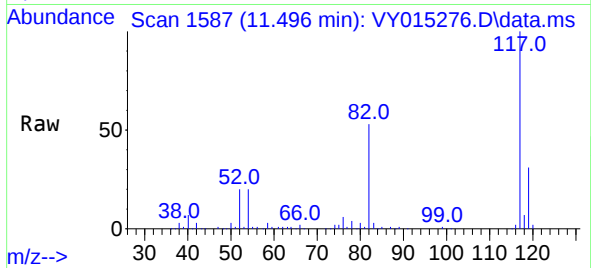




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015276.D
Acq: 23 Aug 2023 04:10

Instrument :
MSVOA_Y
ClientSampleId :
TP-28(1.5-2.5)

Tgt Ion:117 Resp: 124937
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 30.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015276.D
Acq: 23 Aug 2023 04:10

Tgt Ion:152 Resp: 32555
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.5
150 153.7 0.0 348.8

