

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015133.D
 Acq On : 16 Aug 2023 03:40
 Operator : SY/MD
 Sample : 03973-13
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 04:27:52 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)

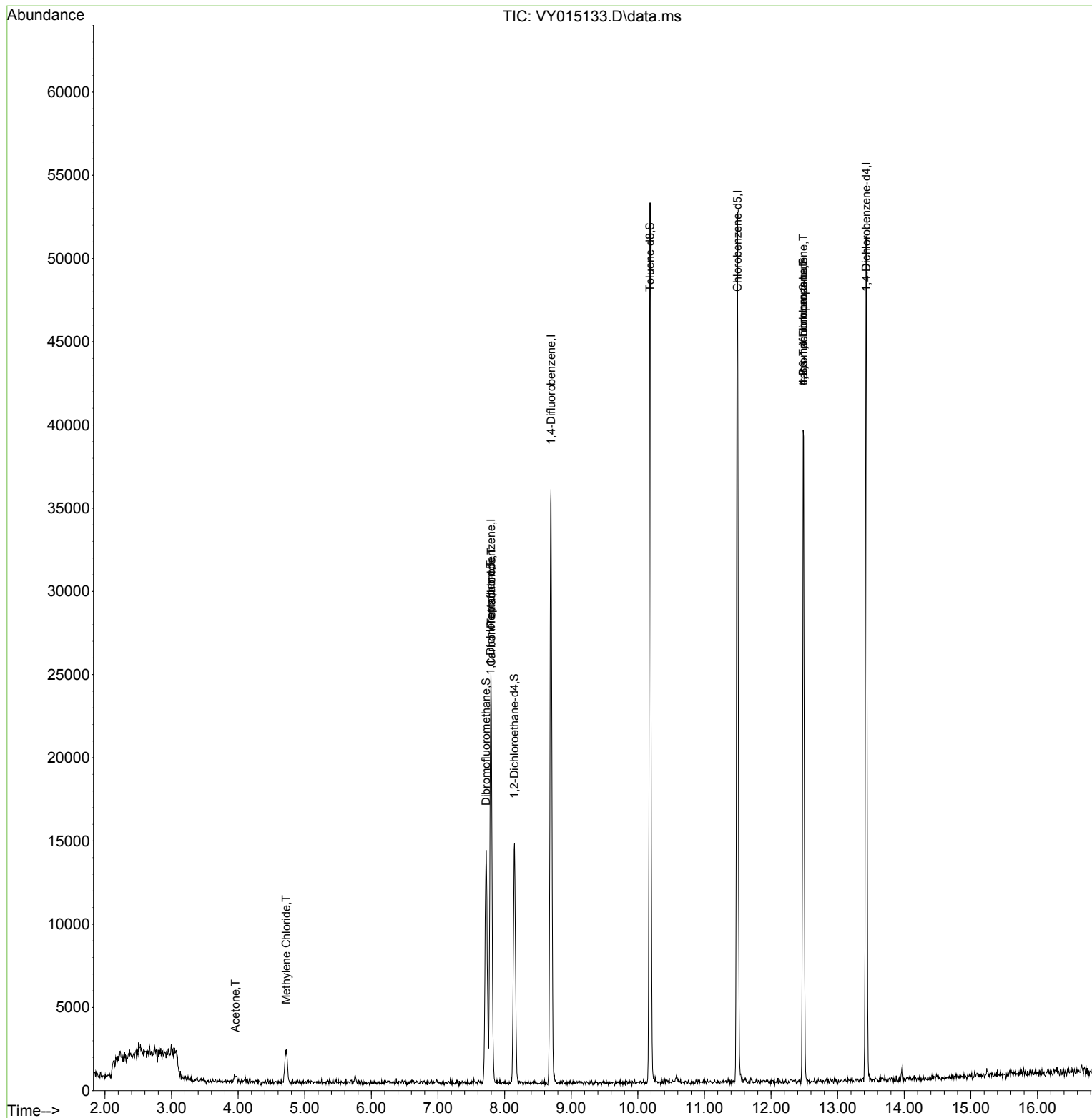
Internal Standards						
1) Pentafluorobenzene	7.795	168	19058	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	31630	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	28948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	11329	49.521	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.040%
35) Dibromofluoromethane	7.722	113	10109	49.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.360%
50) Toluene-d8	10.185	98	35696	47.124	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.483	95	12483	45.118	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.240%
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	136	Below Cal	#	43
16) Acetone	3.960	43	750	10.035	ug/l #	46
20) Methylene Chloride	4.722	84	1387	3.743	ug/l #	74
31) Cyclohexane	7.801	56	393	Below Cal	#	61
36) 1,1-Dichloropropene	7.789	75	1502	6.672	ug/l #	46
38) Carbon Tetrachloride	7.801	117	1723	6.467	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	6798	41.212	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6798	90.522	ug/l #	10

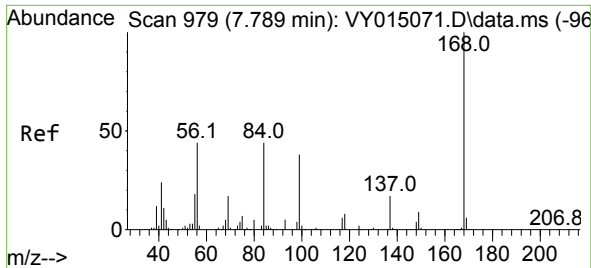
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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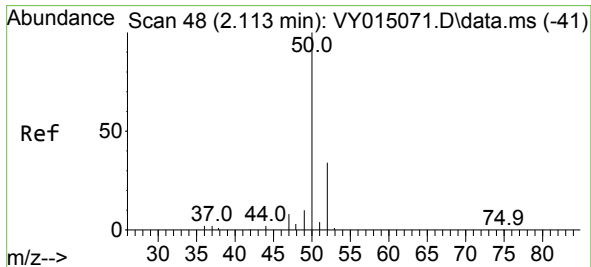
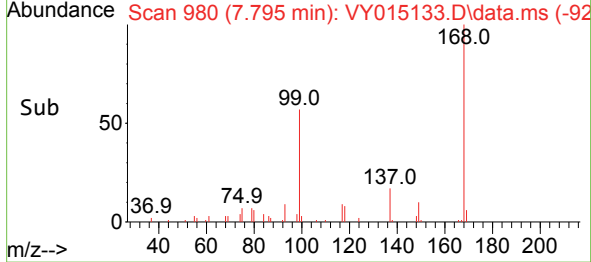
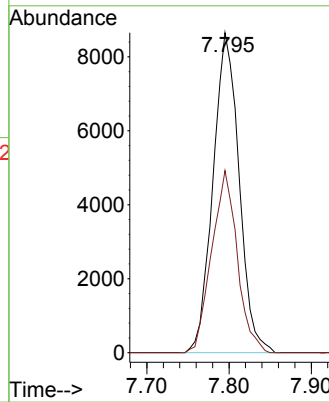
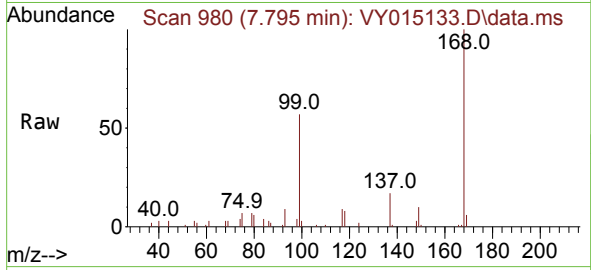




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015133.D
Acq: 16 Aug 2023 03:40

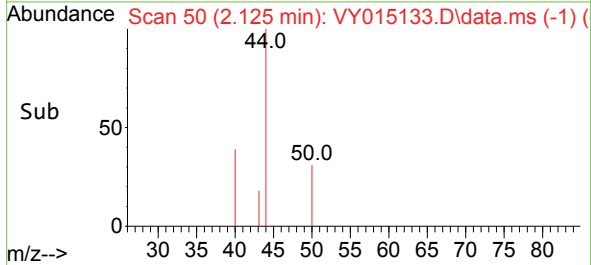
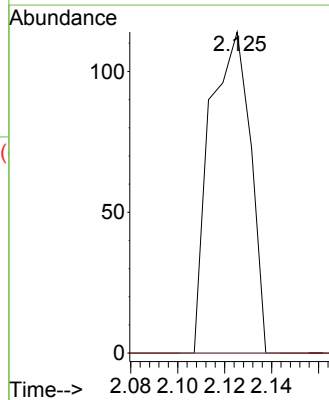
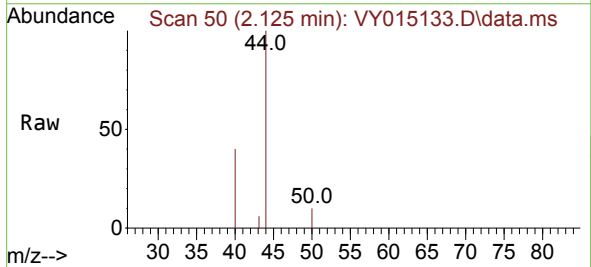
Instrument :
MSVOA_Y
ClientSampleId :

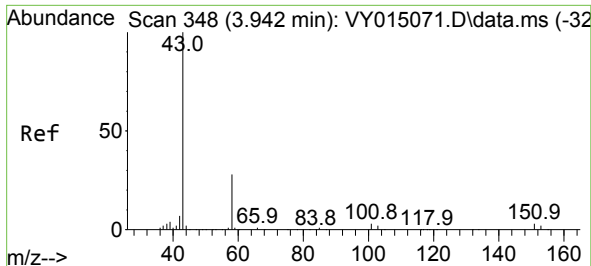
Tgt Ion:168 Resp: 19058
Ion Ratio Lower Upper
168 100
99 56.9 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY015133.D
Acq: 16 Aug 2023 03:40

Tgt Ion: 50 Resp: 136
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

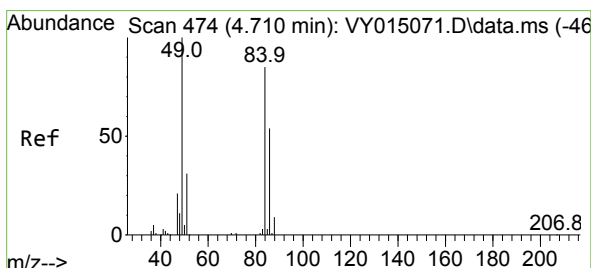
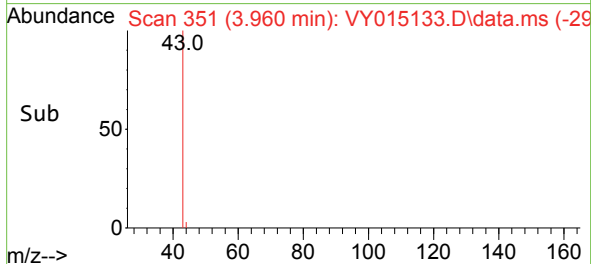
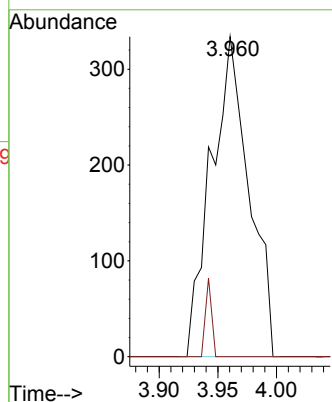
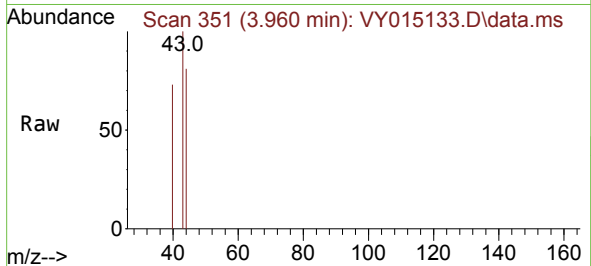




#16
Acetone
Concen: 10.035 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY015133.D
Acq: 16 Aug 2023 03:40

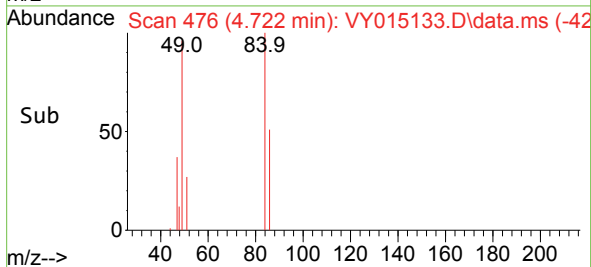
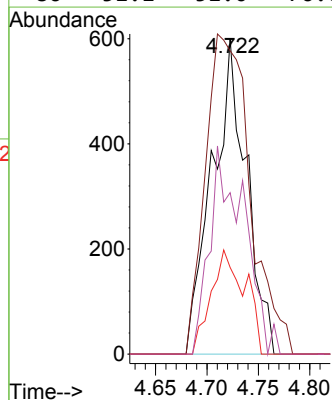
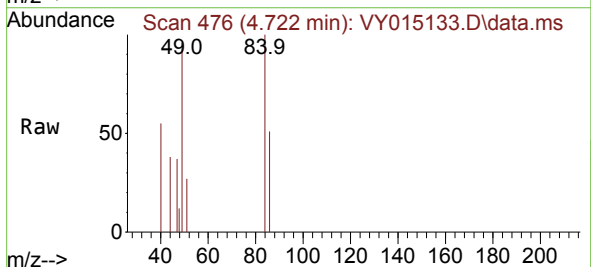
Instrument :
MSVOA_Y
ClientSampleId :

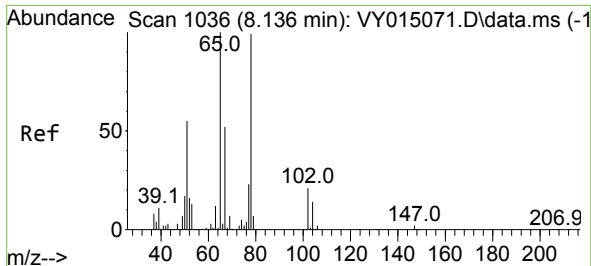
Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#20
Methylene Chloride
Concen: 3.743 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY015133.D
Acq: 16 Aug 2023 03:40

Tgt Ion: 84 Resp: 1387
Ion Ratio Lower Upper
84 100
49 96.0 106.9 160.3#
51 27.5 33.2 49.8#
86 51.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 49.521 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY015133.D

Acq: 16 Aug 2023 03:40

Instrument :

MSVOA_Y

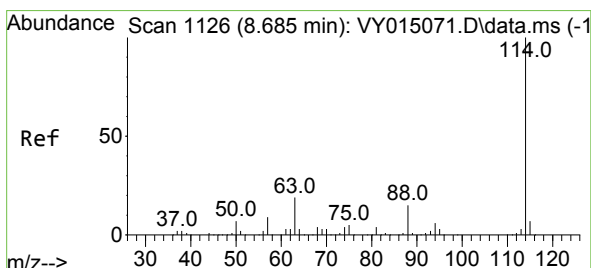
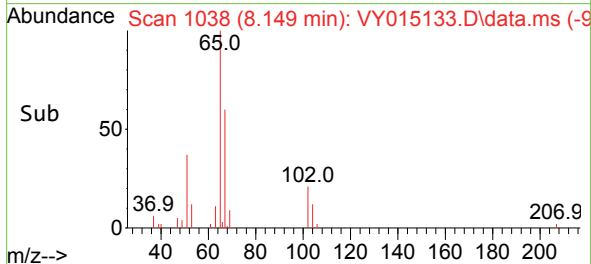
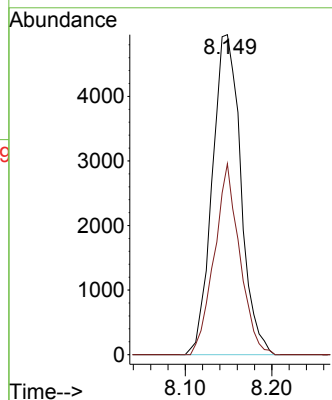
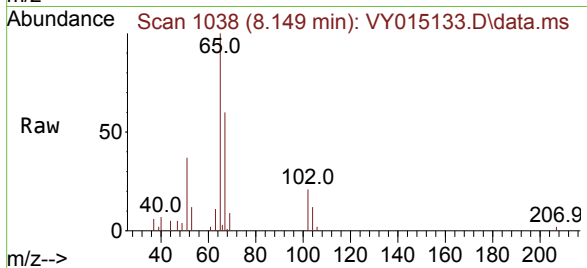
ClientSampleId :

Tgt Ion: 65 Resp: 11329

Ion Ratio Lower Upper

65 100

67 53.2 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: VY015133.D

Acq: 16 Aug 2023 03:40

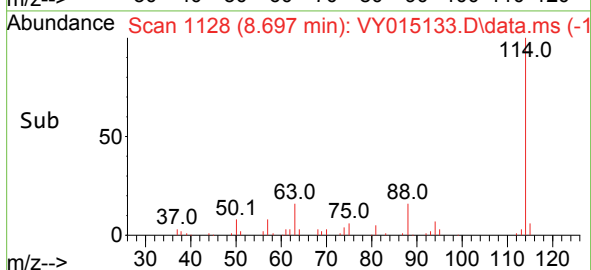
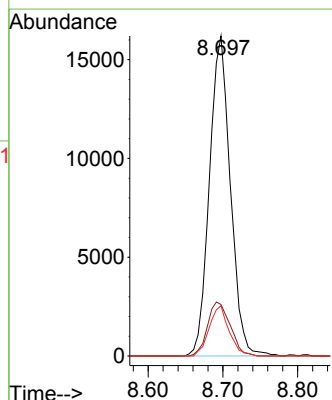
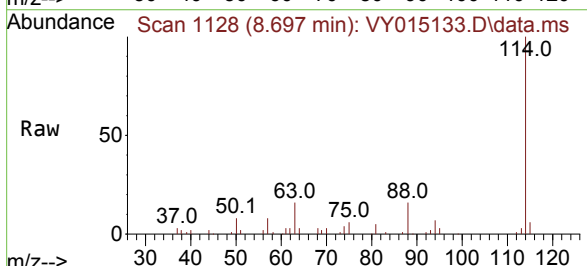
Tgt Ion: 114 Resp: 31630

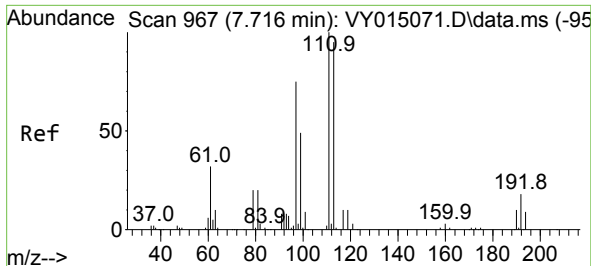
Ion Ratio Lower Upper

114 100

63 16.1 0.0 42.4

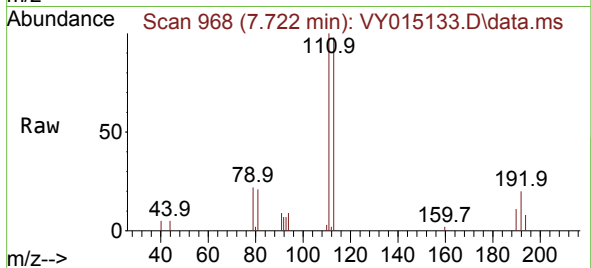
88 15.7 0.0 30.6



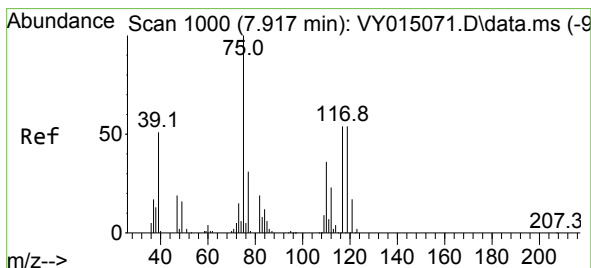
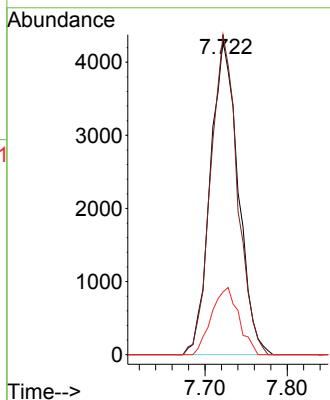
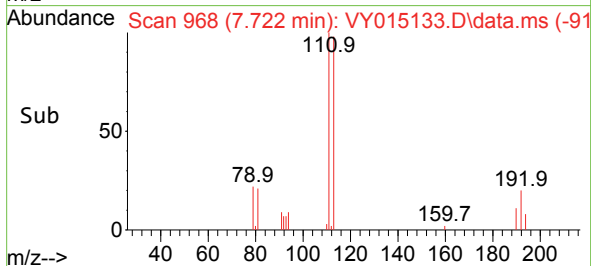


#35
 Dibromofluoromethane
 Concen: 49.679 ug/l
 RT: 7.722 min Scan# 910
 Delta R.T. 0.006 min
 Lab File: VY015133.D
 Acq: 16 Aug 2023 03:40

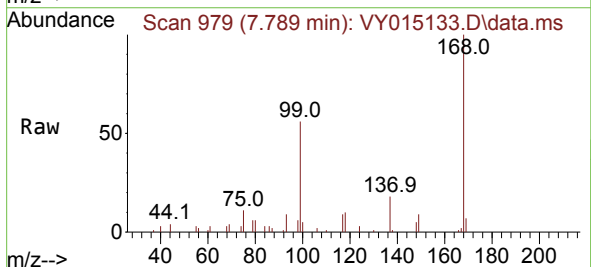
Instrument :
 MSVOA_Y
 ClientSampleId :



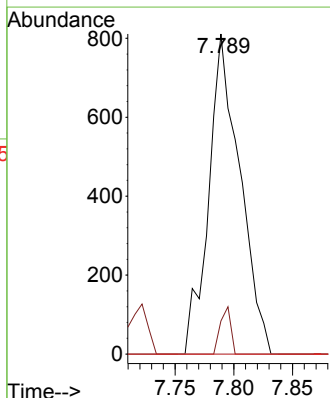
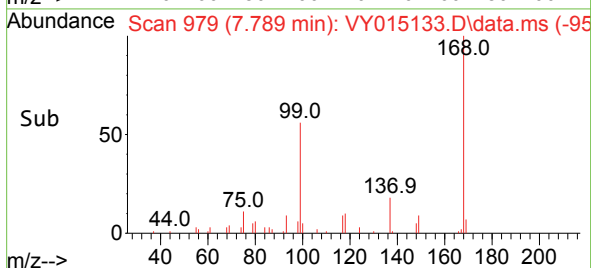
Tgt Ion:113 Resp: 10109
 Ion Ratio Lower Upper
 113 100
 111 98.1 81.3 121.9
 192 21.0 16.9 25.3

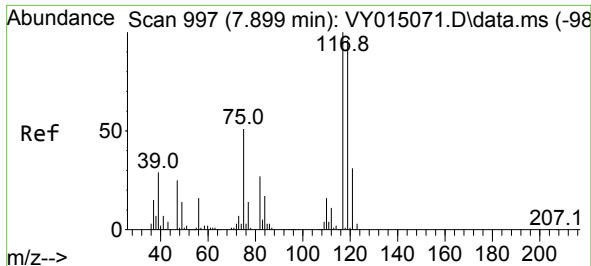


#36
 1,1-Dichloropropene
 Concen: 6.672 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.122 min
 Lab File: VY015133.D
 Acq: 16 Aug 2023 03:40



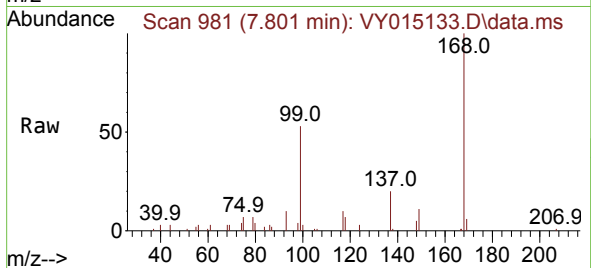
Tgt Ion: 75 Resp: 1502
 Ion Ratio Lower Upper
 75 100
 110 5.0 17.8 53.5#
 77 0.0 24.4 36.6#



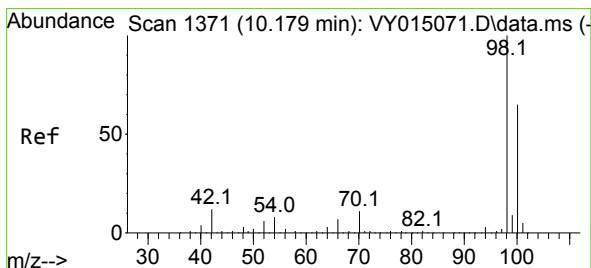
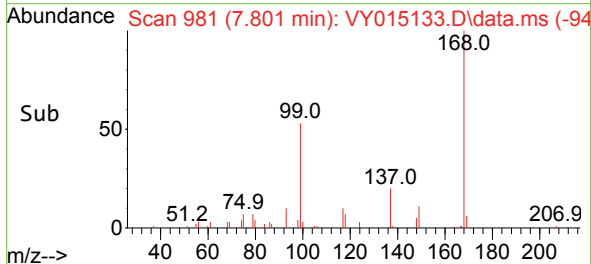
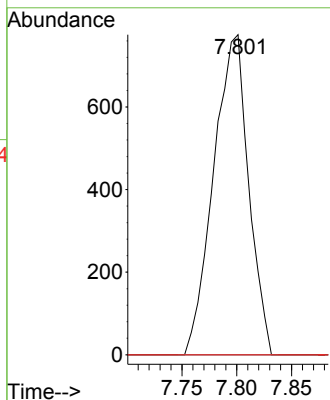


#38
Carbon Tetrachloride
Concen: 6.467 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY015133.D
Acq: 16 Aug 2023 03:40

Instrument :
MSVOA_Y
ClientSampleId :

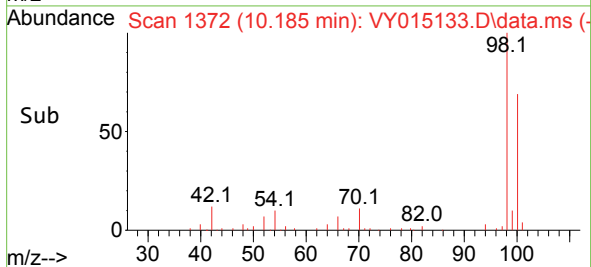
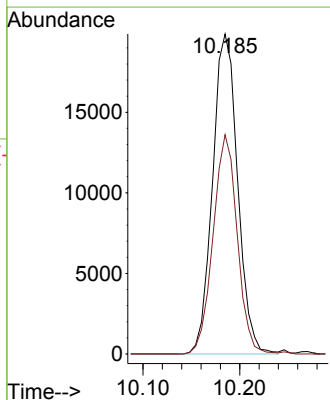
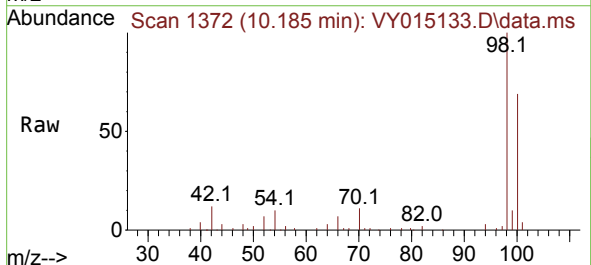


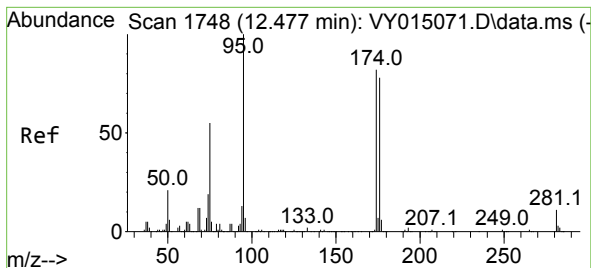
Tgt Ion:117 Resp: 1723
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.124 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015133.D
Acq: 16 Aug 2023 03:40

Tgt Ion: 98 Resp: 35696
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1

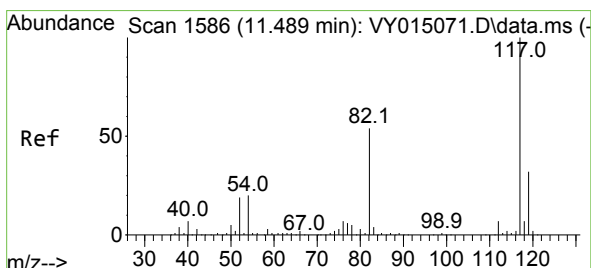
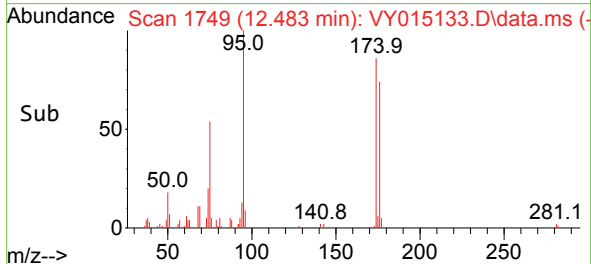
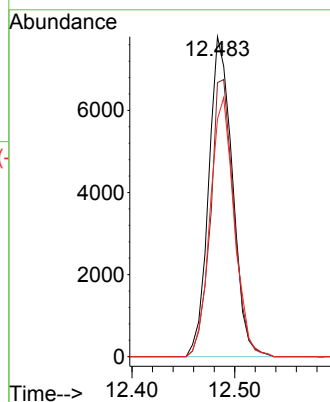
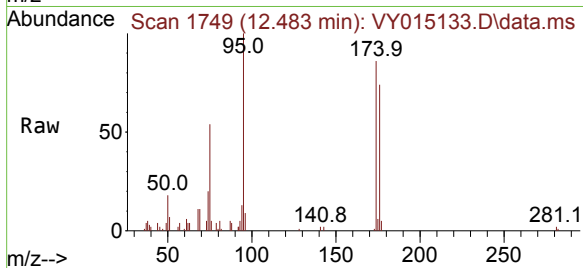




#62
4-Bromofluorobenzene
Concen: 45.118 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015133.D
Acq: 16 Aug 2023 03:40

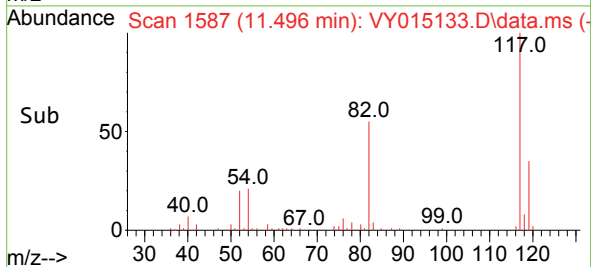
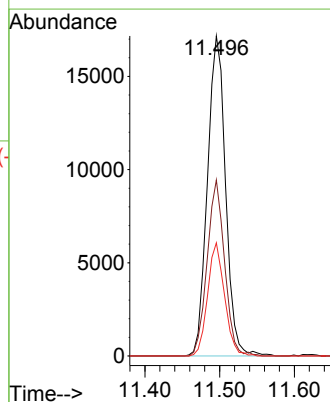
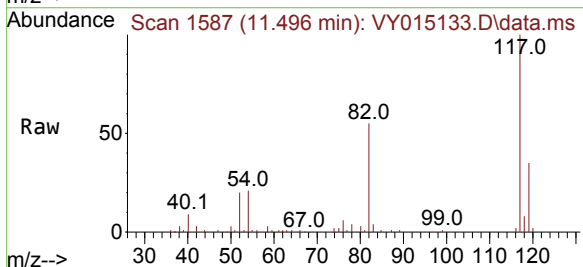
Instrument :
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ClientSampleId :

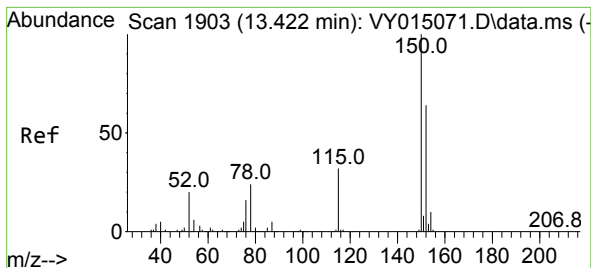
Tgt Ion: 95 Resp: 12483
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015133.D
Acq: 16 Aug 2023 03:40

Tgt Ion: 117 Resp: 28948
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 35.4 26.3 39.5

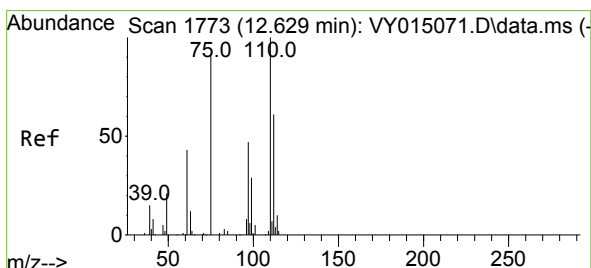
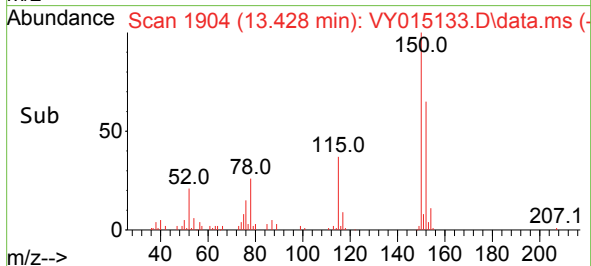
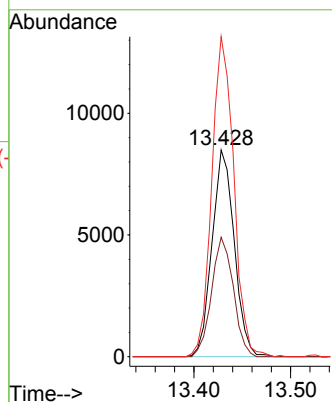
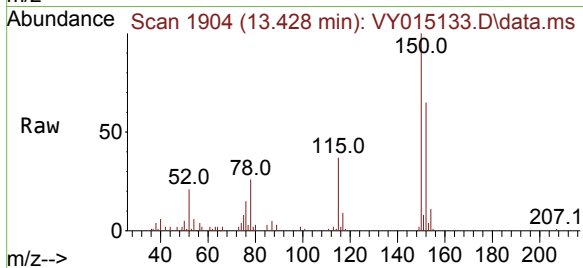




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY015133.D
 Acq: 16 Aug 2023 03:40

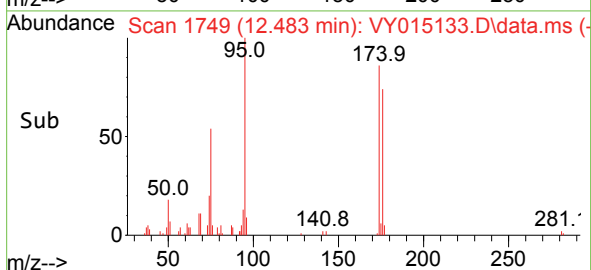
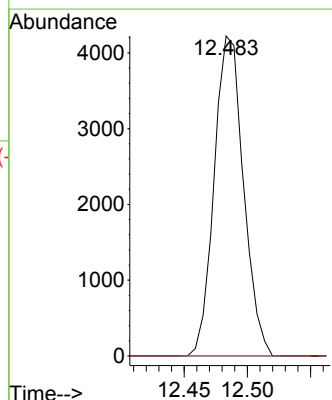
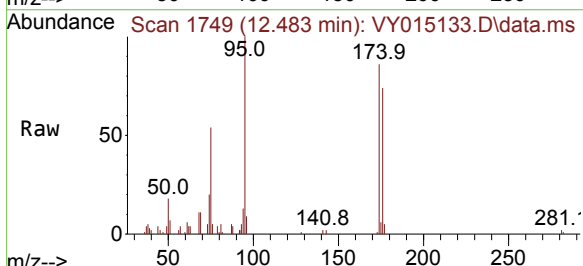
Instrument :
 MSVOA_Y
 ClientSampleId :

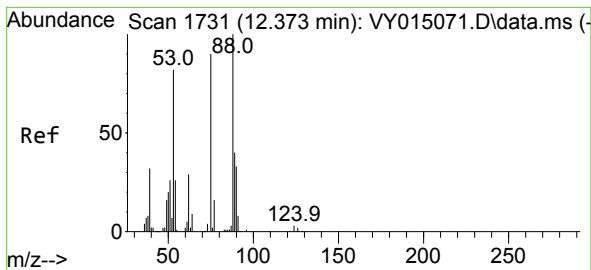
Tgt Ion:152 Resp: 13577
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.8 86.5
 150 152.9 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 41.212 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY015133.D
 Acq: 16 Aug 2023 03:40

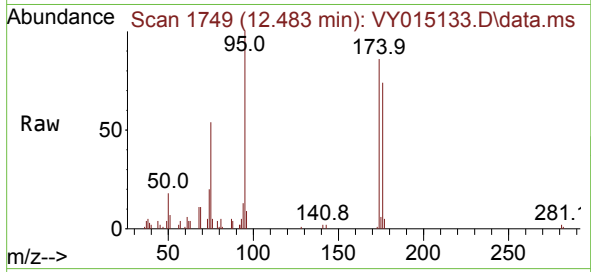
Tgt Ion: 75 Resp: 6798
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.522 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015133.D
 Acq: 16 Aug 2023 03:40

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#

