

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015248.D
 Acq On : 22 Aug 2023 16:38
 Operator : SY/MD
 Sample : 04090-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 00:50:26 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)

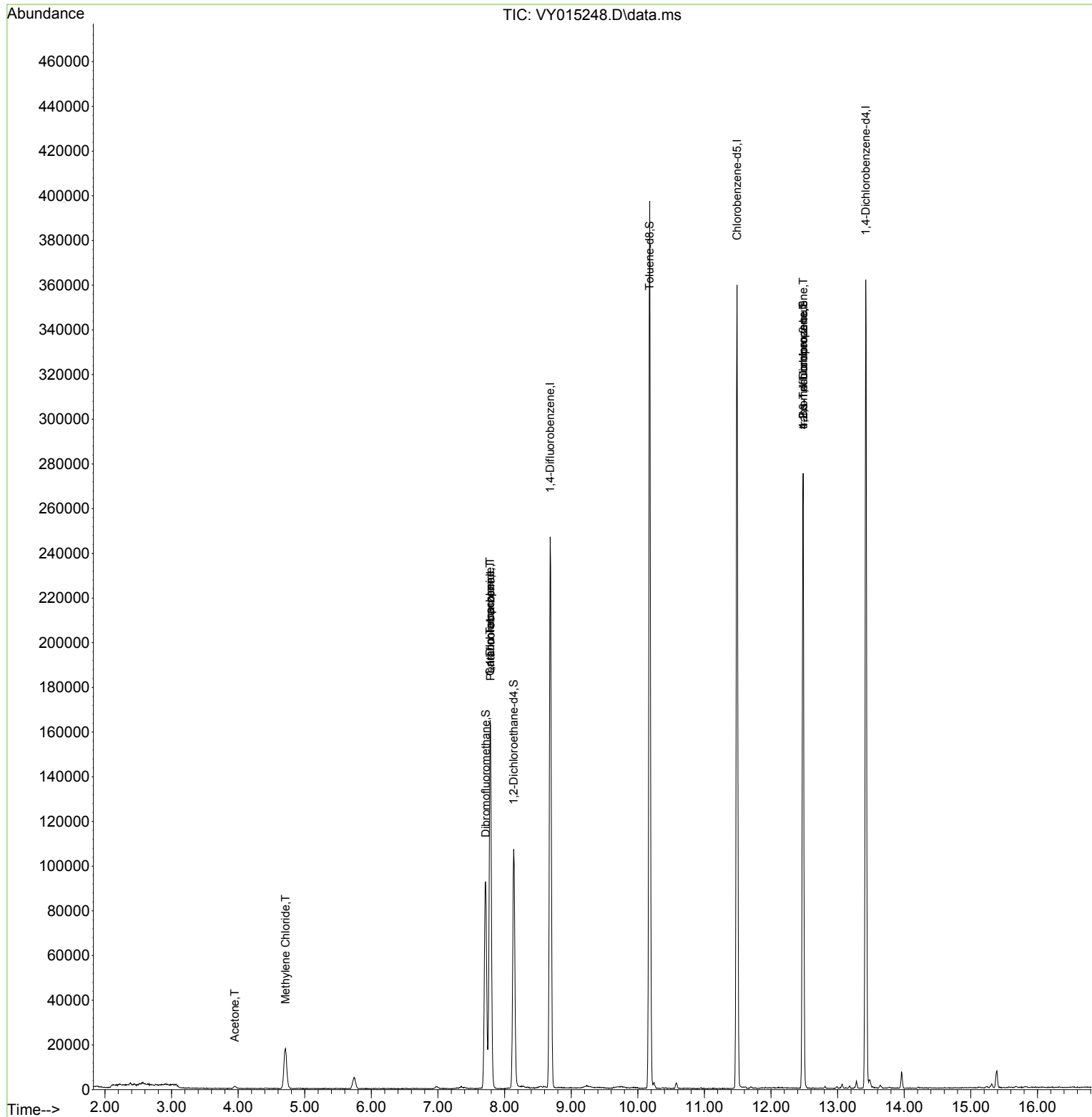
Internal Standards						
1) Pentafluorobenzene	7.789	168	127598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84504	55.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.340%
35) Dibromofluoromethane	7.715	113	66768	49.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.340%
50) Toluene-d8	10.178	98	250860	49.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.483	95	81713	44.262	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.520%
Target Compounds						
3) Chloromethane	2.101	50	240	Below Cal	Qvalue	92
5) Bromomethane	2.662	94	22	Below Cal	#	44
16) Acetone	3.948	43	2044	4.085	ug/l #	86
20) Methylene Chloride	4.710	84	13801	7.862	ug/l	95
31) Cyclohexane	7.789	56	2909	Below Cal	#	19
36) 1,1-Dichloropropene	7.783	75	9933	6.613	ug/l #	50
38) Carbon Tetrachloride	7.783	117	12578	7.075	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	45265	40.911	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45265	89.860	ug/l #	11

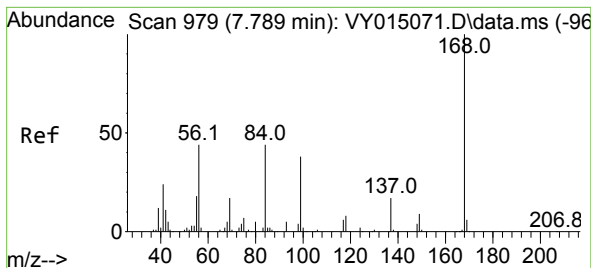
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015248.D

Acq: 22 Aug 2023 16:38

Instrument :

MSVOA_Y

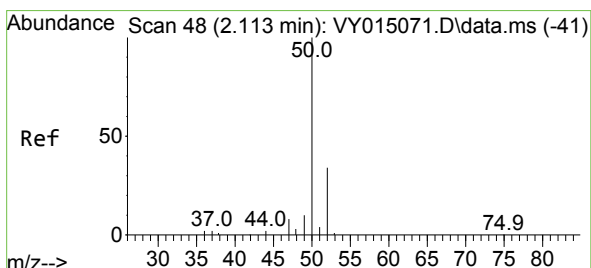
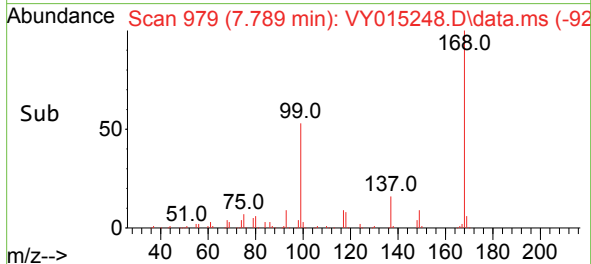
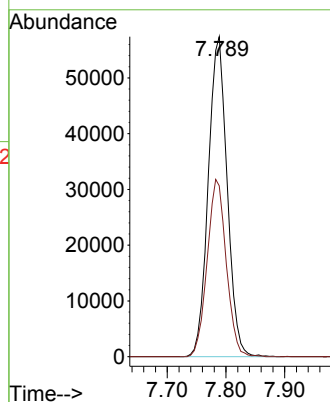
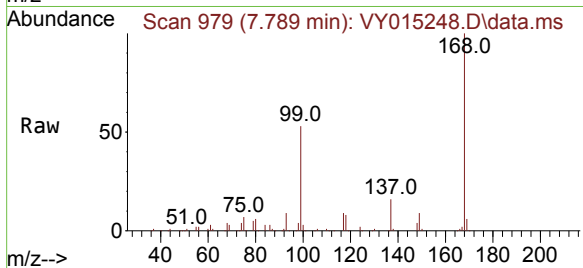
ClientSampleId :

Tgt Ion:168 Resp: 127598

Ion Ratio Lower Upper

168 100

99 53.4 43.4 65.0



#3

Chloromethane

Concen: Below Cal

RT: 2.101 min Scan# 46

Delta R.T. -0.006 min

Lab File: VY015248.D

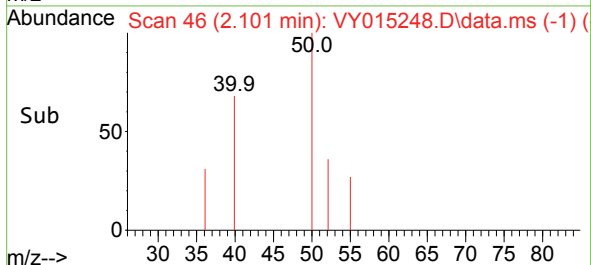
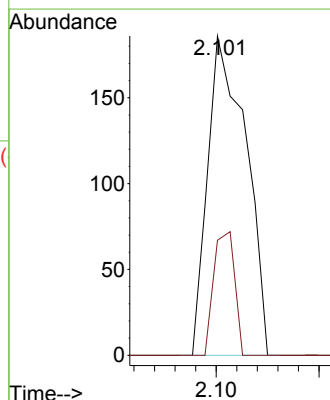
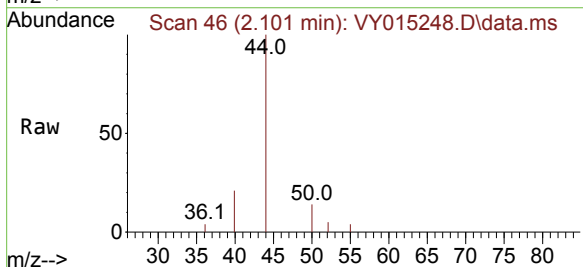
Acq: 22 Aug 2023 16:38

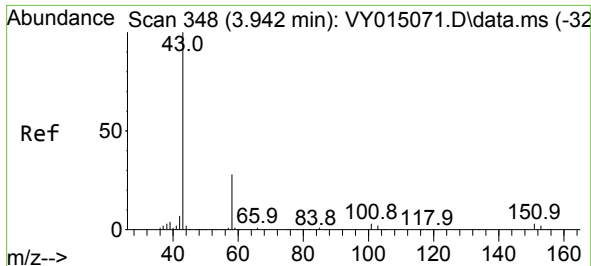
Tgt Ion: 50 Resp: 240

Ion Ratio Lower Upper

50 100

52 36.0 25.4 38.2

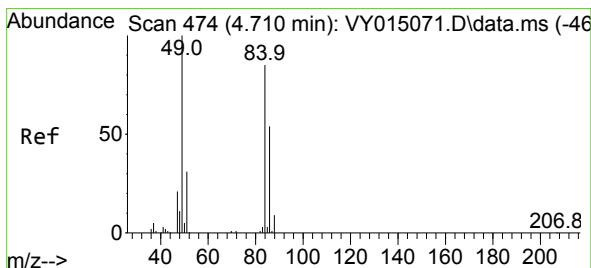
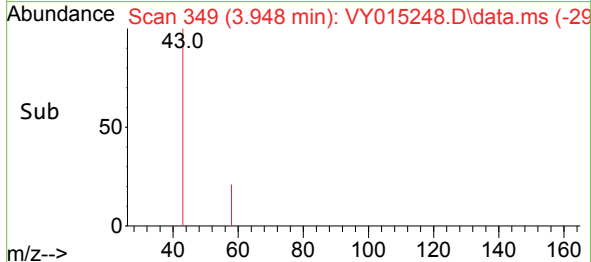
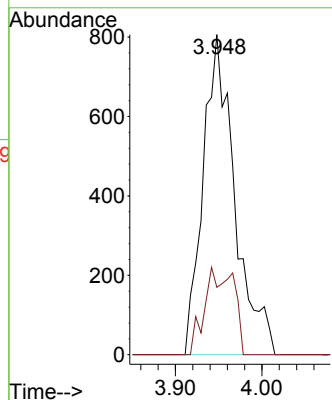
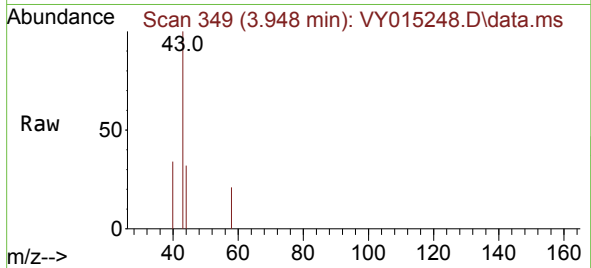




#16
Acetone
Concen: 4.085 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

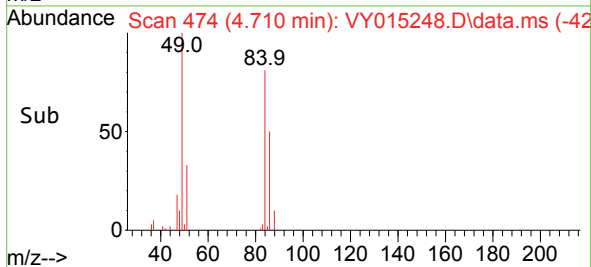
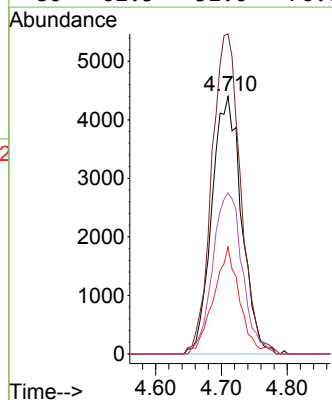
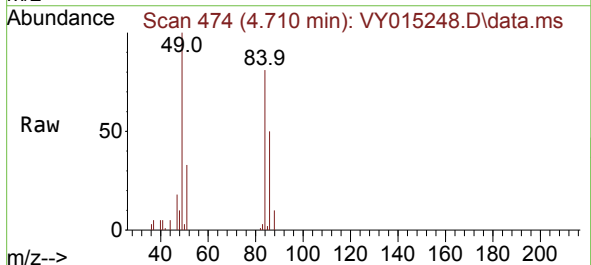
Instrument :
MSVOA_Y
ClientSampleId :

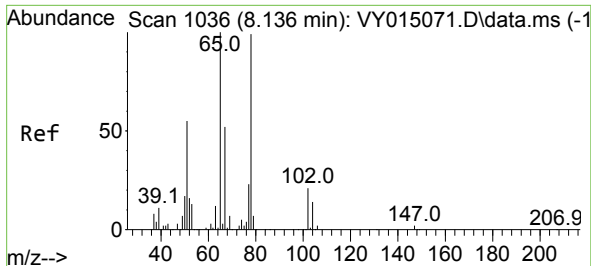
Tgt Ion: 43 Resp: 2044
Ion Ratio Lower Upper
43 100
58 21.1 22.7 34.1#



#20
Methylene Chloride
Concen: 7.862 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

Tgt Ion: 84 Resp: 13801
Ion Ratio Lower Upper
84 100
49 124.2 106.9 160.3
51 41.5 33.2 49.8
86 62.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.170 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015248.D

Acq: 22 Aug 2023 16:38

Instrument :

MSVOA_Y

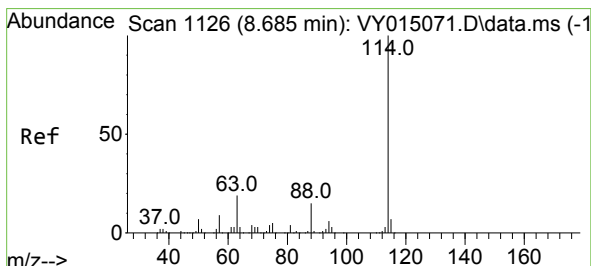
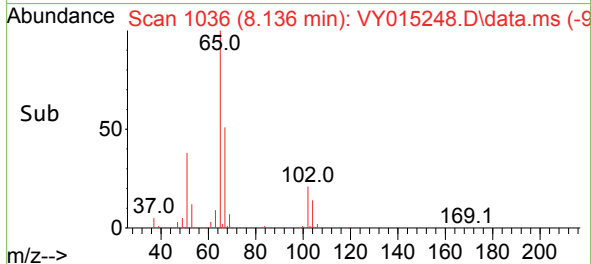
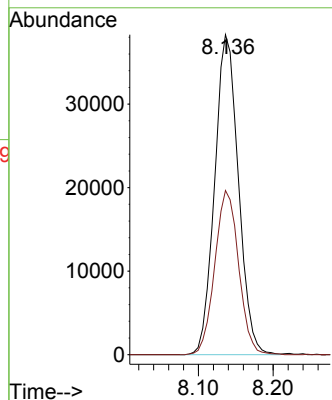
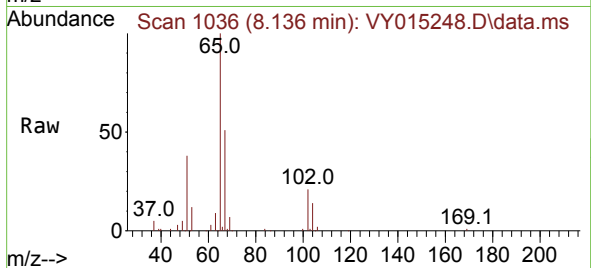
ClientSampleId :

Tgt Ion: 65 Resp: 84504

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015248.D

Acq: 22 Aug 2023 16:38

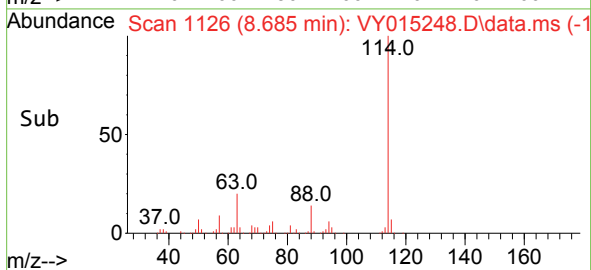
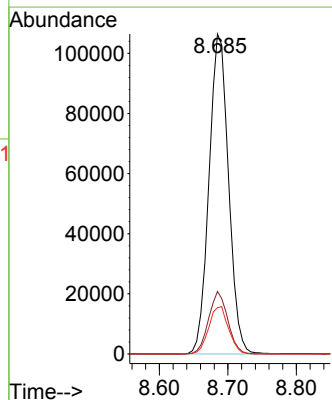
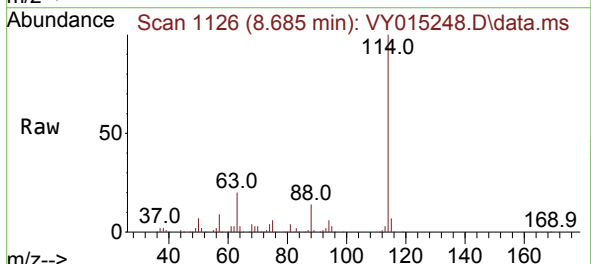
Tgt Ion: 114 Resp: 211054

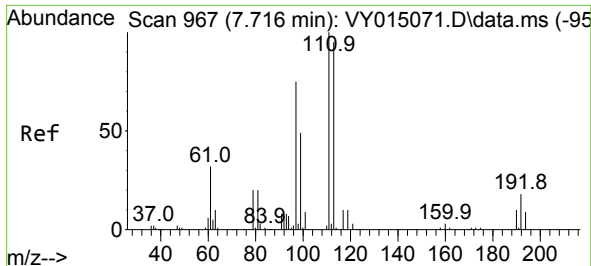
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.4 0.0 30.6

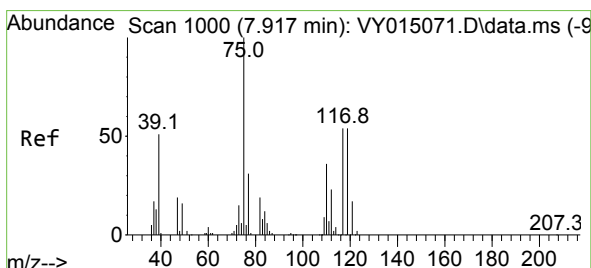
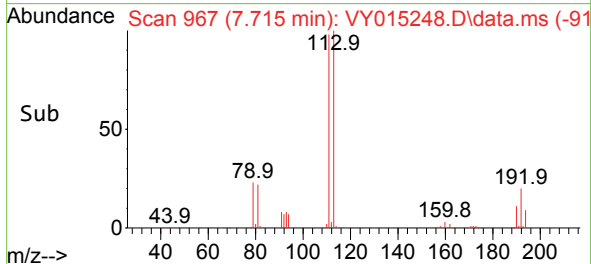
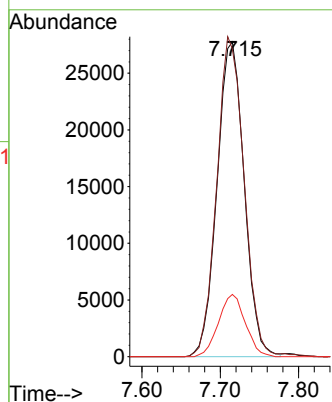
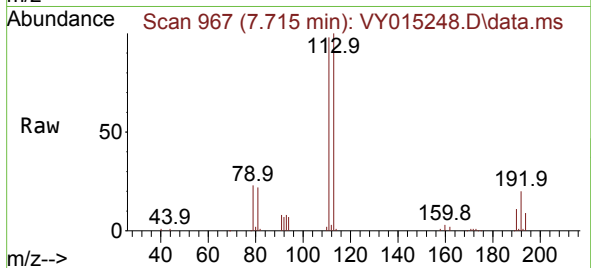




#35
Dibromofluoromethane
Concen: 49.174 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

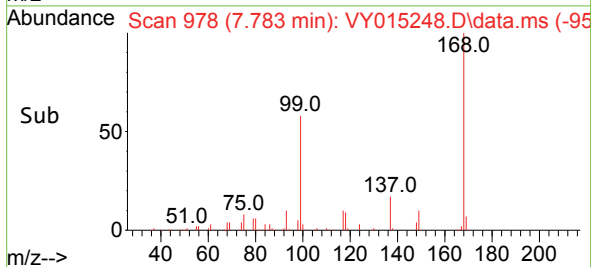
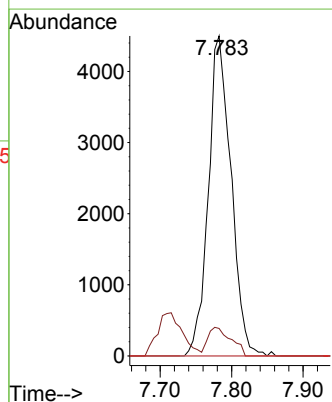
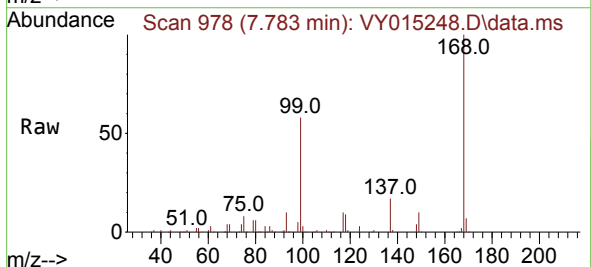
Instrument :
MSVOA_Y
ClientSampleId :

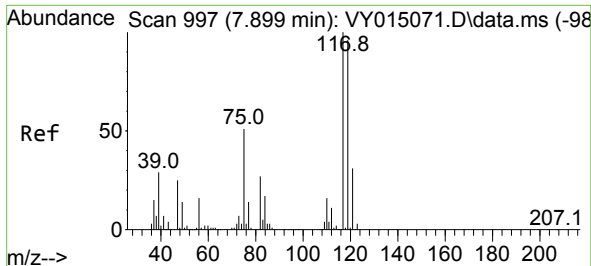
Tgt Ion:113 Resp: 66768
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.613 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

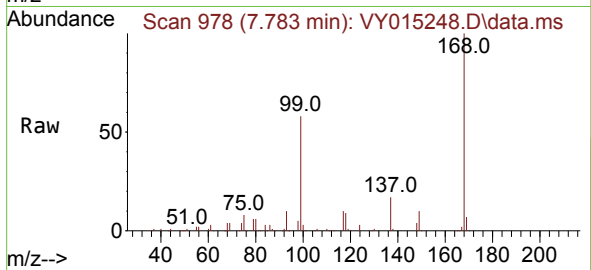
Tgt Ion: 75 Resp: 9933
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#



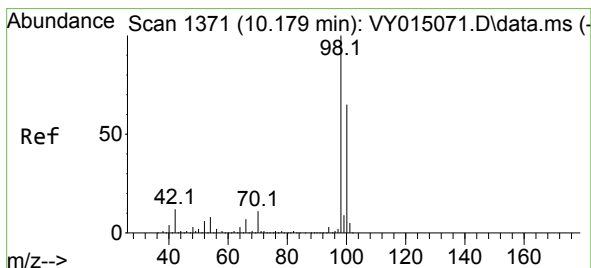
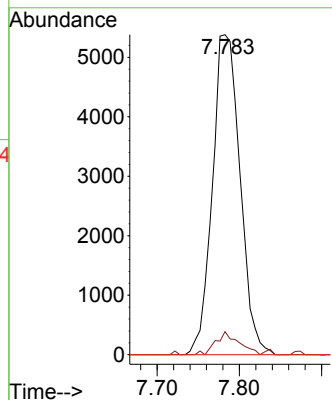
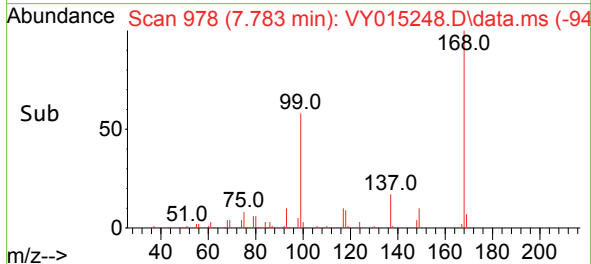


#38
Carbon Tetrachloride
Concen: 7.075 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

Instrument :
MSVOA_Y
ClientSampleId :

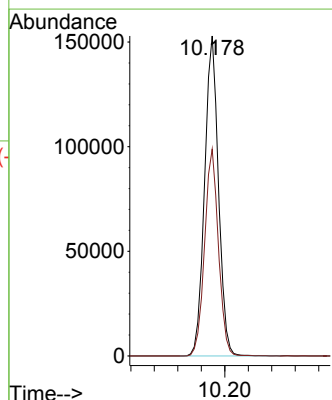
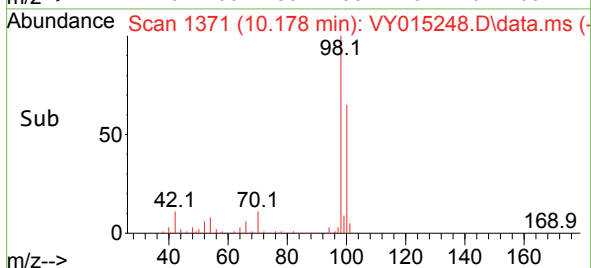
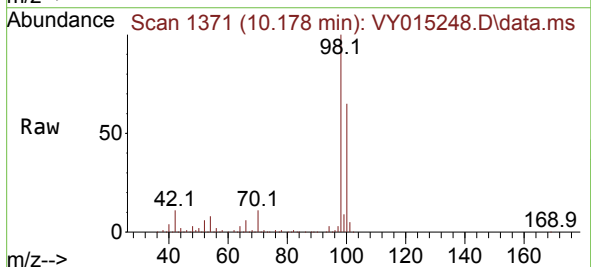


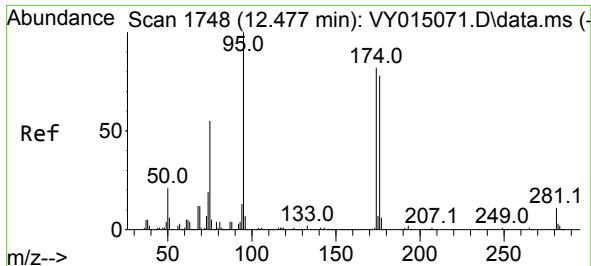
Tgt Ion:117 Resp: 12578
Ion Ratio Lower Upper
117 100
119 7.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.632 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

Tgt Ion: 98 Resp: 250860
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1

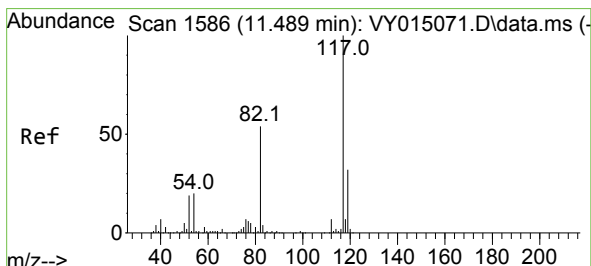
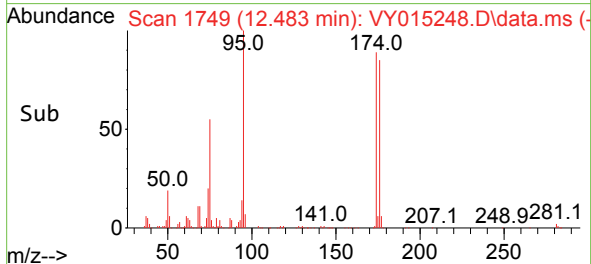
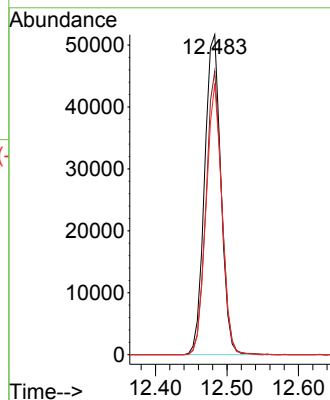
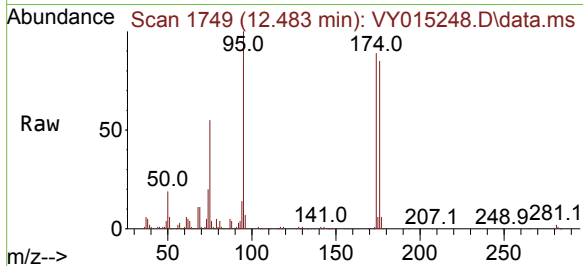




#62
4-Bromofluorobenzene
Concen: 44.262 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

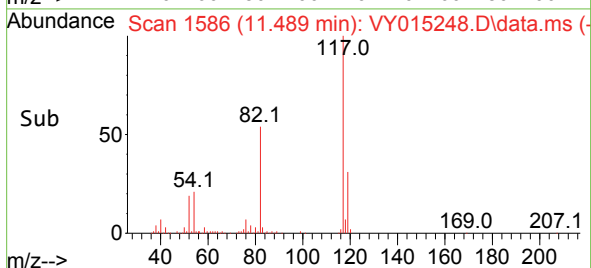
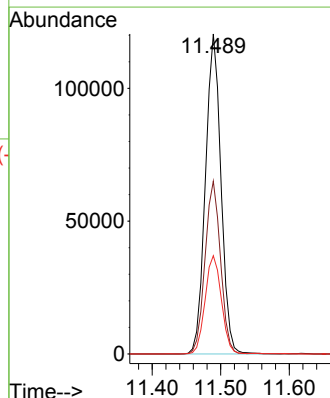
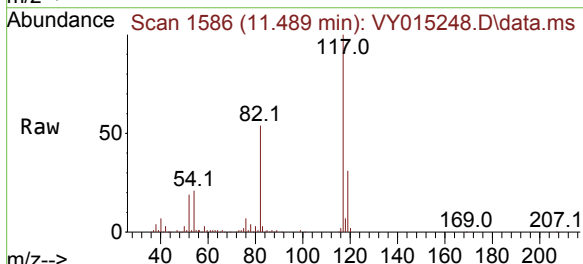
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MSVOA_Y
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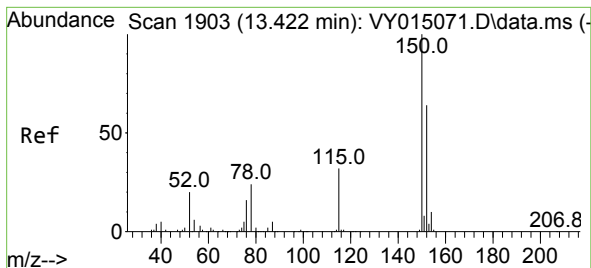
Tgt Ion: 95 Resp: 81713
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 82.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015248.D
Acq: 22 Aug 2023 16:38

Tgt Ion: 117 Resp: 190215
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 30.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015248.D

Acq: 22 Aug 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

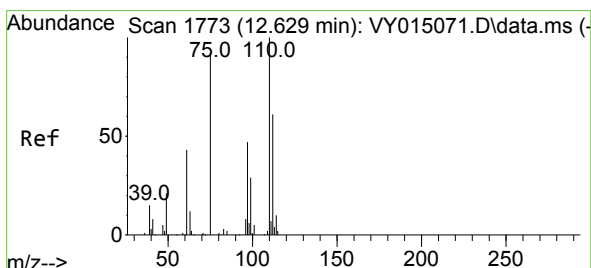
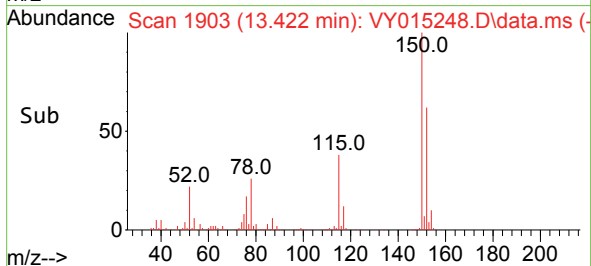
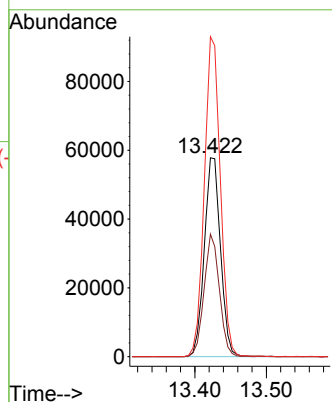
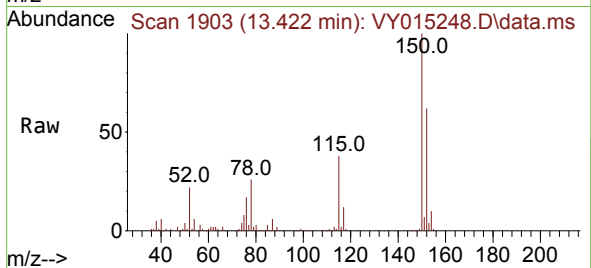
Tgt Ion:152 Resp: 91070

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 158.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 40.911 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY015248.D

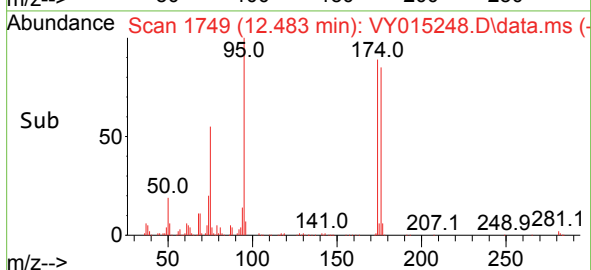
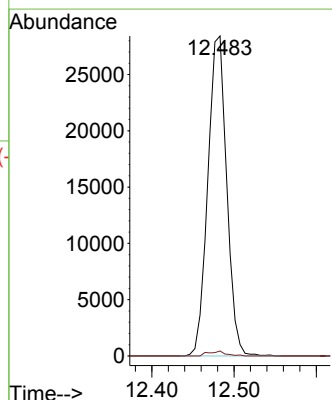
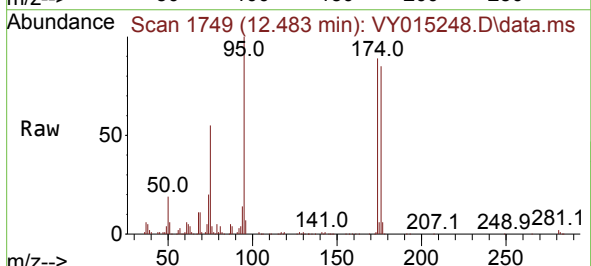
Acq: 22 Aug 2023 16:38

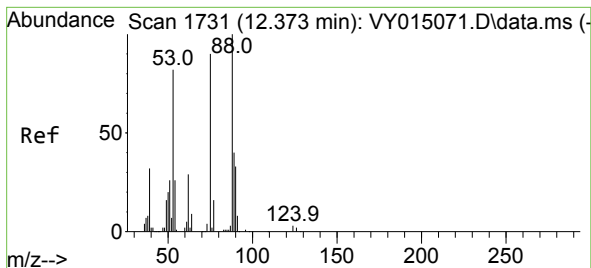
Tgt Ion: 75 Resp: 45265

Ion Ratio Lower Upper

75 100

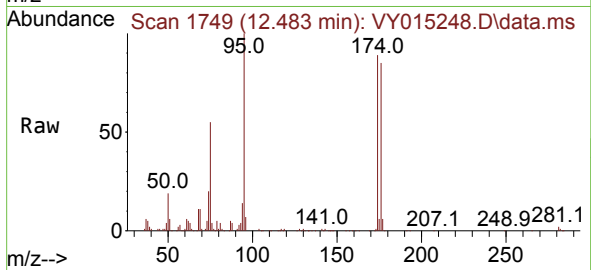
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.860 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015248.D
 Acq: 22 Aug 2023 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 45265
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

