

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016674.D
 Acq On : 16 Dec 2023 17:13
 Operator : SY/MD
 Sample : 05758-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 18 00:42:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

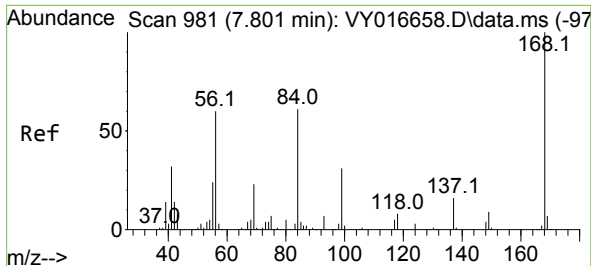
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	103915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	279593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63406	74.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.980%	
35) Dibromofluoromethane	7.728	113	66405	57.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.640%	
50) Toluene-d8	10.185	98	336367	72.665	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 145.340%#	
62) 4-Bromofluorobenzene	12.483	95	106037	71.425	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 142.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	522	7.612	ug/l #	89
16) Acetone	3.960	43	2243	Below Cal		90
20) Methylene Chloride	4.729	84	16046	10.957	ug/l #	82
25) 2-Butanone	6.990	43	417	Below Cal	#	49
31) Cyclohexane	7.795	56	1805	1.076	ug/l #	1
38) Carbon Tetrachloride	7.801	117	9880	5.126	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1089	1.429	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	52829	50.600	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52829	115.633	ug/l #	11
95) Naphthalene	15.245	128	736	Below Cal	#	69

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

Quant Time: Dec 18 00:42:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 16 00:39:52 2023
Response via : Initial Calibration

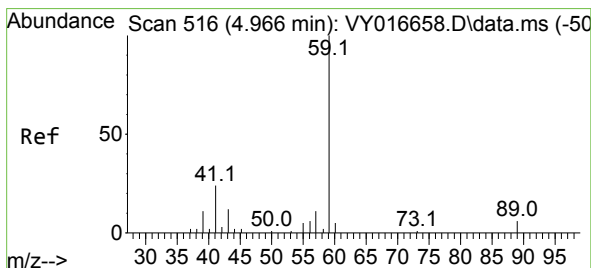
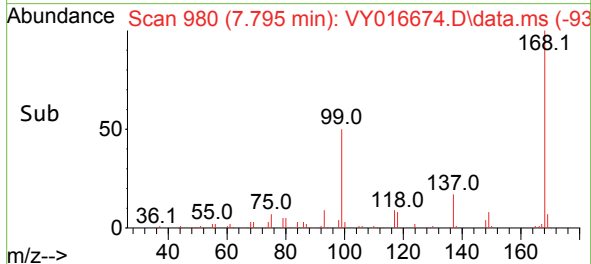
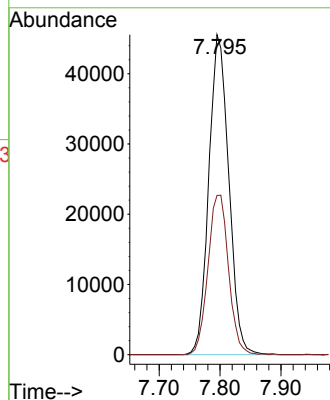
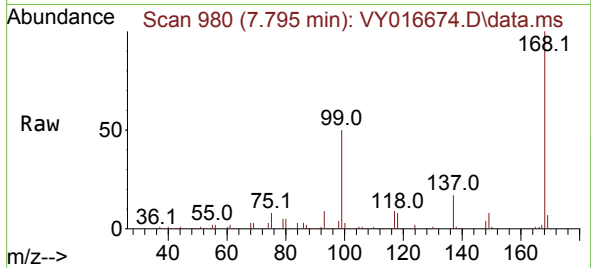




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016674.D
Acq: 16 Dec 2023 17:13

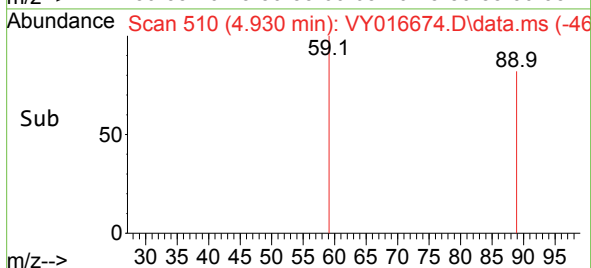
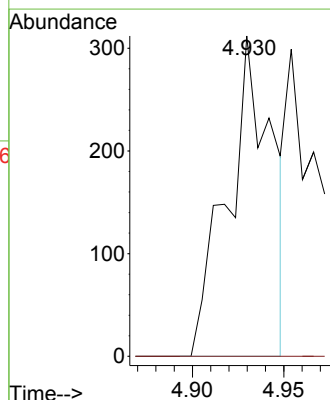
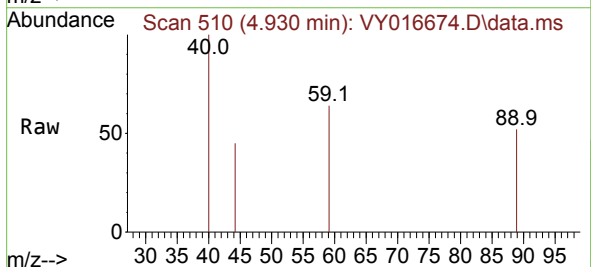
Instrument :
MSVOA_Y
ClientSampleId :

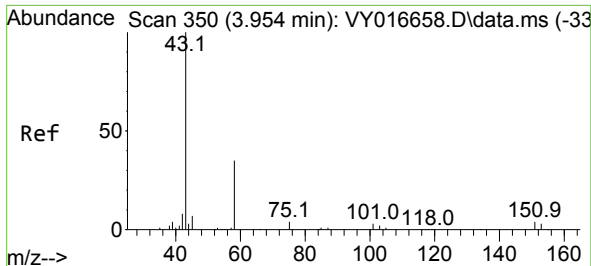
Tgt Ion:168 Resp: 103915
Ion Ratio Lower Upper
168 100
99 49.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 7.612 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.036 min
Lab File: VY016674.D
Acq: 16 Dec 2023 17:13

Tgt Ion: 59 Resp: 522
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

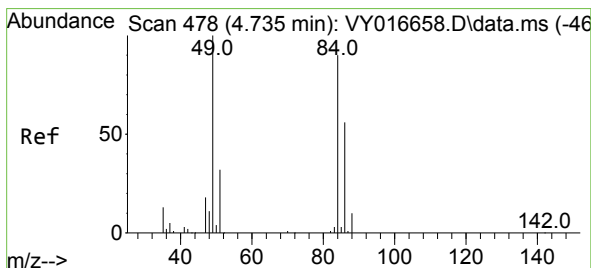
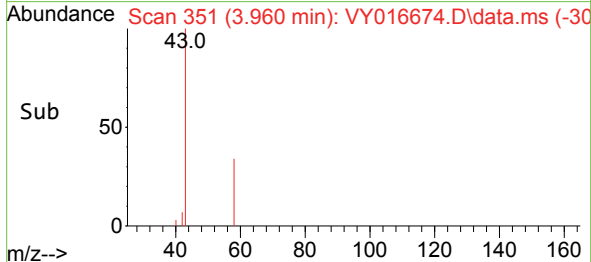
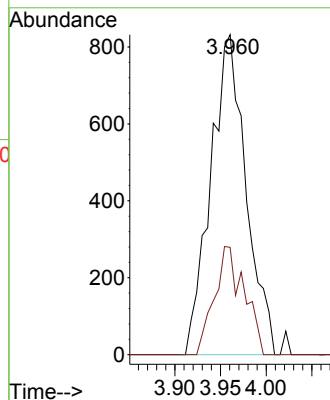
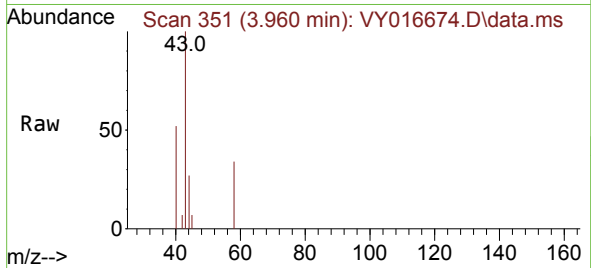




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016674.D
Acq: 16 Dec 2023 17:13

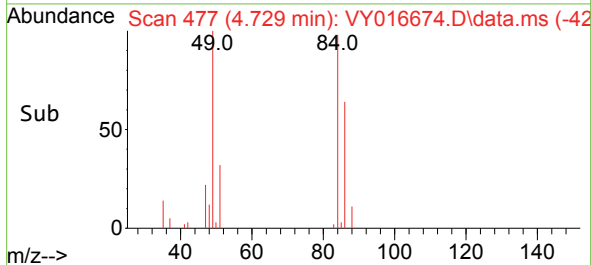
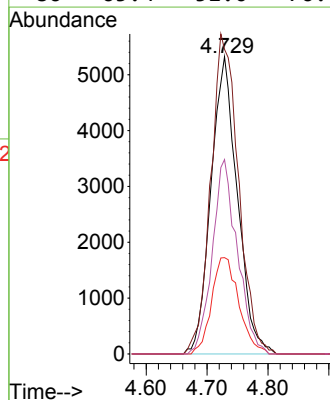
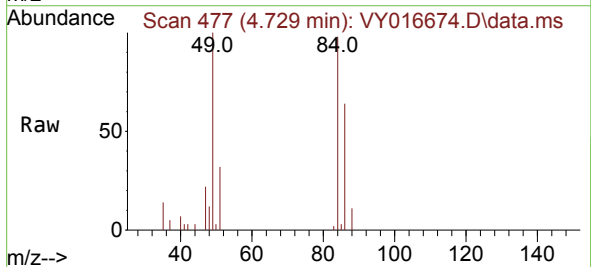
Instrument :
MSVOA_Y
ClientSampleId :

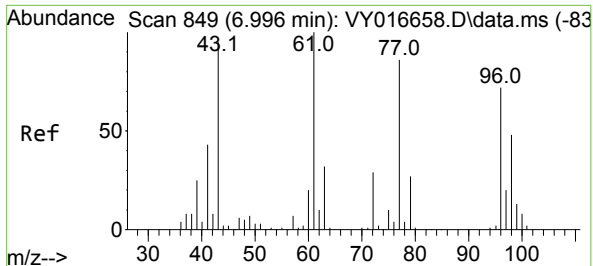
Tgt Ion: 43 Resp: 2243
Ion Ratio Lower Upper
43 100
58 33.5 22.7 34.1



#20
Methylene Chloride
Concen: 10.957 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY016674.D
Acq: 16 Dec 2023 17:13

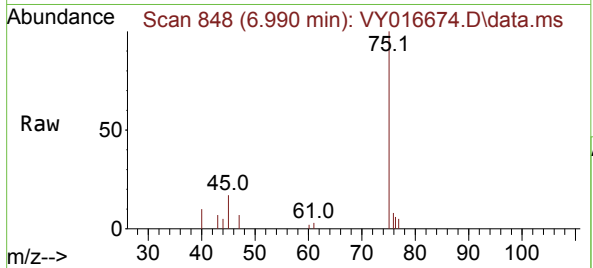
Tgt Ion: 84 Resp: 16046
Ion Ratio Lower Upper
84 100
49 102.5 106.9 160.3#
51 32.4 33.2 49.8#
86 65.4 51.0 76.6



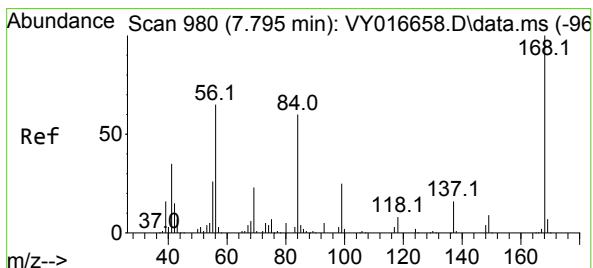
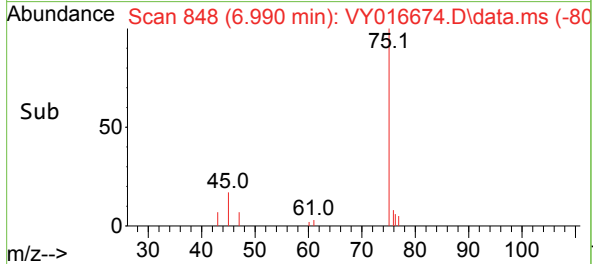
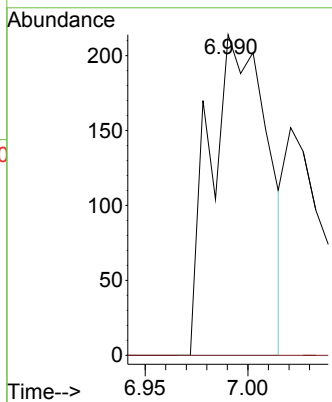


#25
2-Butanone
Concen: Below Cal
RT: 6.990 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016674.D
Acq: 16 Dec 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :

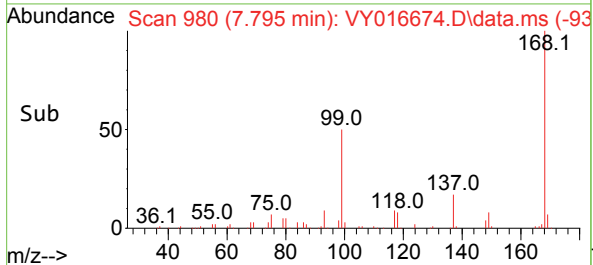
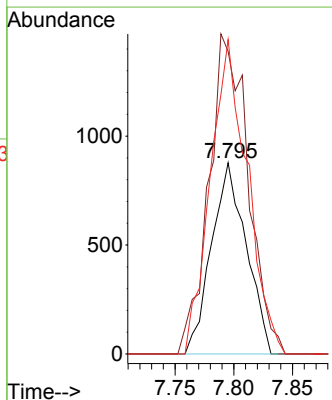
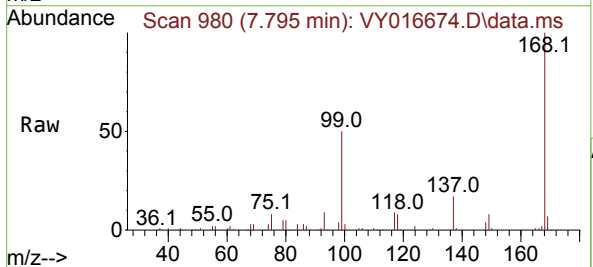


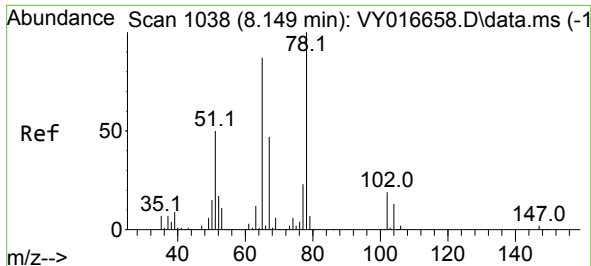
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.076 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY016674.D
Acq: 16 Dec 2023 17:13

Tgt Ion: 56 Resp: 1805
Ion Ratio Lower Upper
56 100
69 158.2 27.8 41.6#
84 164.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 74.487 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016674.D

Acq: 16 Dec 2023 17:13

Instrument :

MSVOA_Y

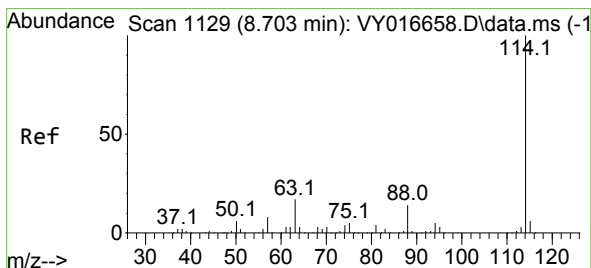
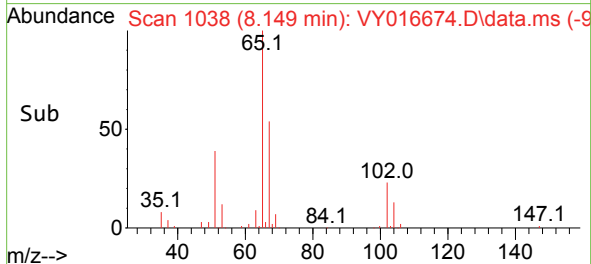
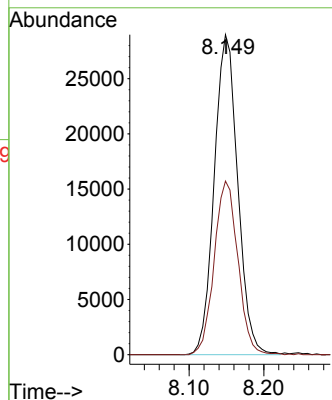
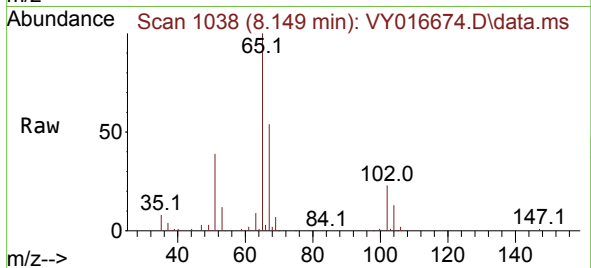
ClientSampleId :

Tgt Ion: 65 Resp: 63406

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016674.D

Acq: 16 Dec 2023 17:13

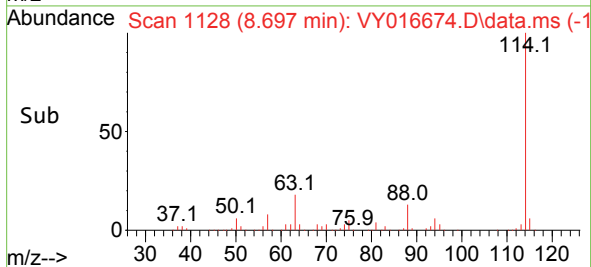
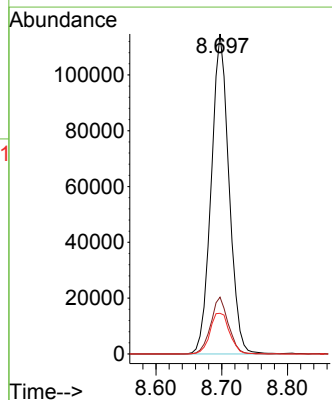
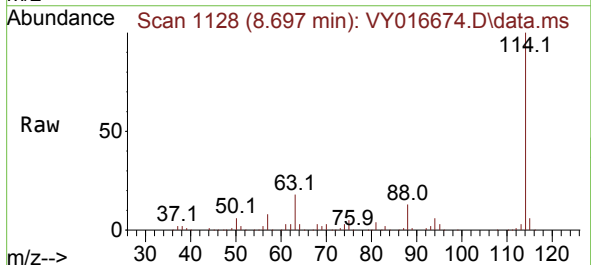
Tgt Ion: 114 Resp: 215971

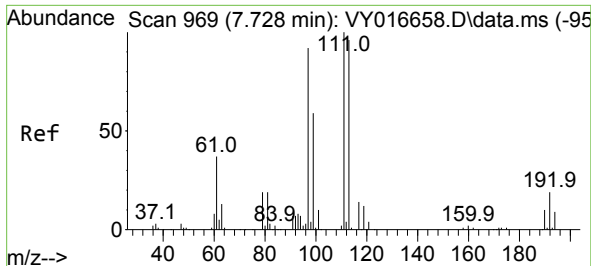
Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

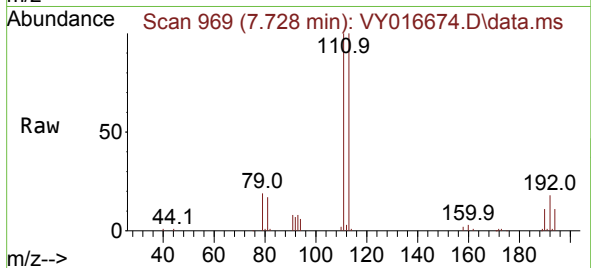
88 12.7 0.0 30.6



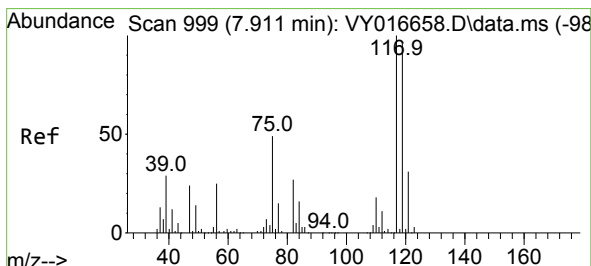
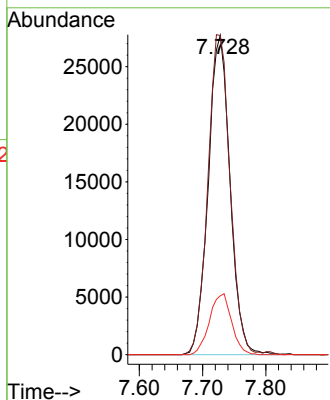
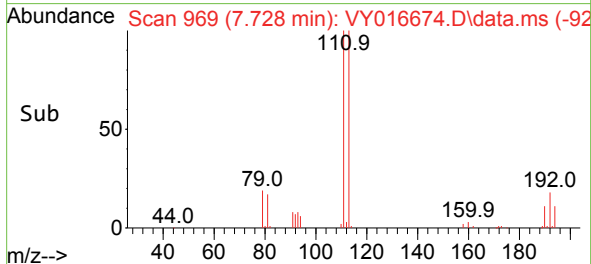


#35
 Dibromofluoromethane
 Concen: 57.322 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY016674.D
 Acq: 16 Dec 2023 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :

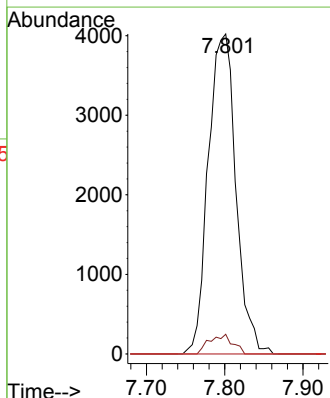
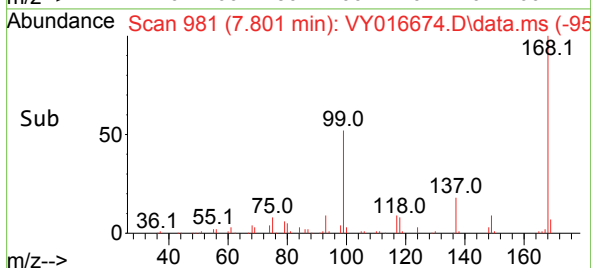
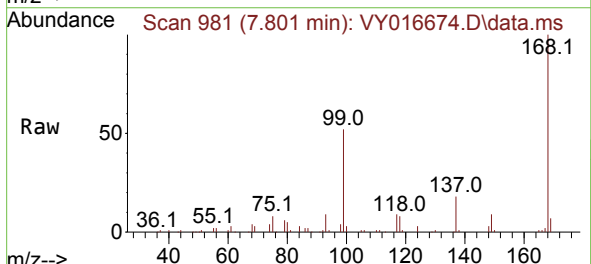


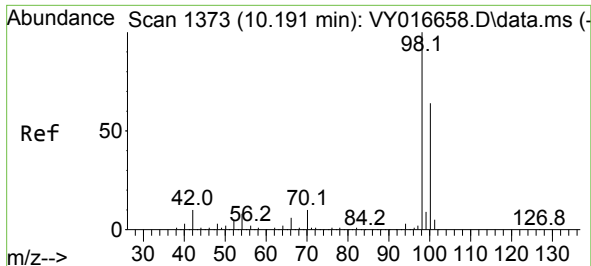
Tgt Ion:	113	Resp:	66405
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.3	121.9
192	19.4	16.9	25.3



#38
 Carbon Tetrachloride
 Concen: 5.126 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY016674.D
 Acq: 16 Dec 2023 17:13

Tgt Ion:	117	Resp:	9880
Ion Ratio	Lower	Upper	
117	100		
119	6.1	76.4	114.6#
121	0.0	25.8	38.6#





#50

Toluene-d8

Concen: 72.665 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016674.D

Acq: 16 Dec 2023 17:13

Instrument :

MSVOA_Y

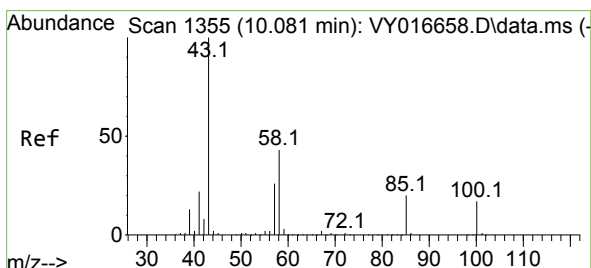
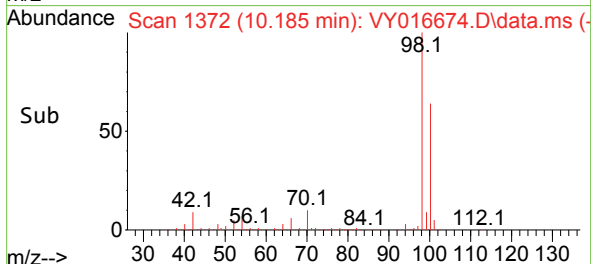
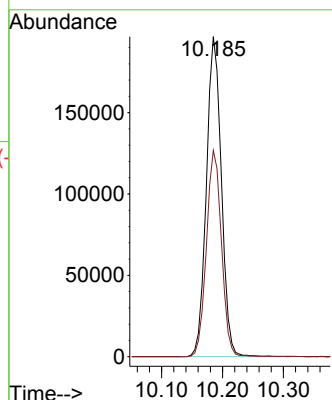
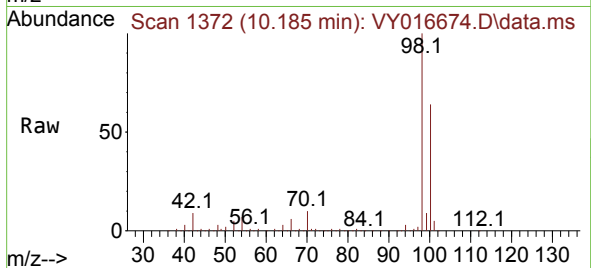
ClientSampleId :

Tgt Ion: 98 Resp: 336367

Ion Ratio Lower Upper

98 100

100 64.6 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.429 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.104 min

Lab File: VY016674.D

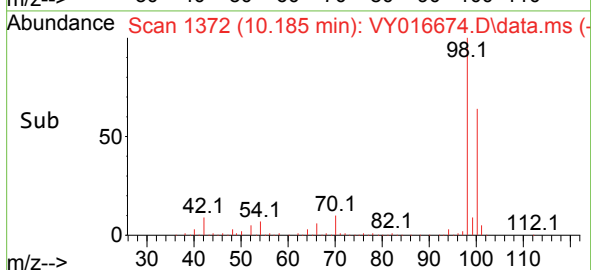
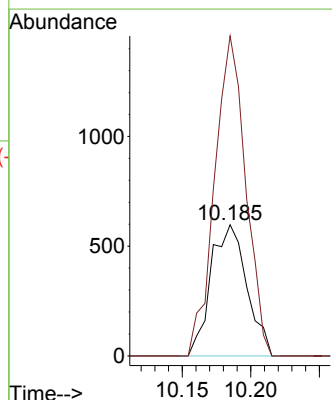
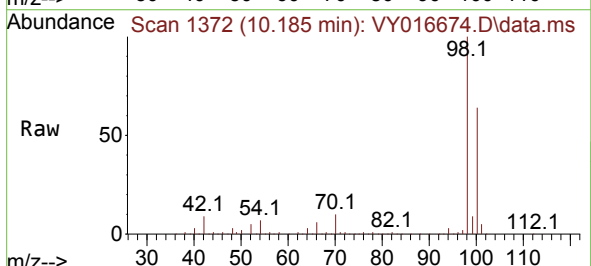
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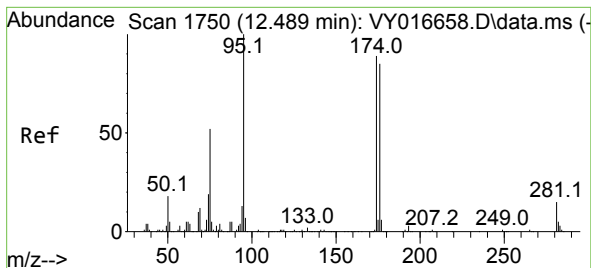
Tgt Ion: 43 Resp: 1089

Ion Ratio Lower Upper

43 100

58 211.3 29.0 43.6#

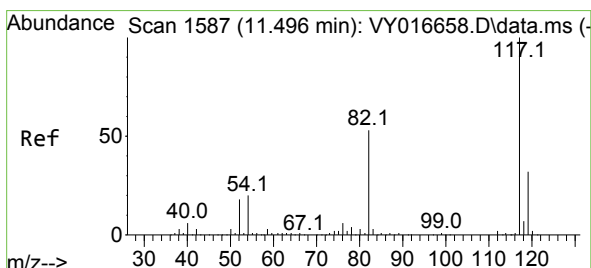
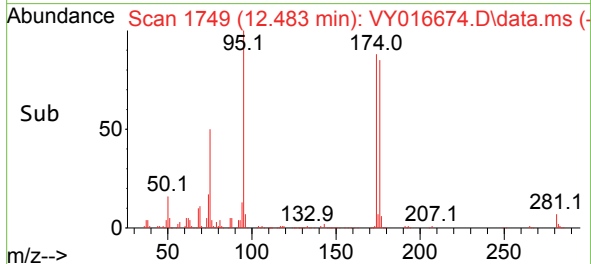
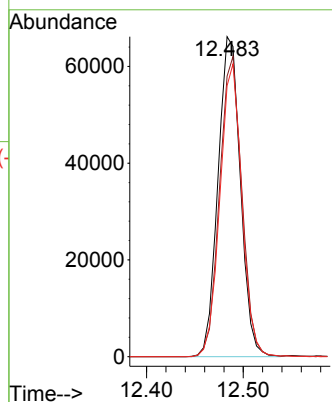
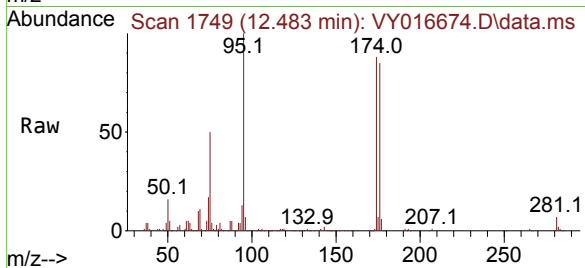




#62
4-Bromofluorobenzene
Concen: 71.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016674.D
Acq: 16 Dec 2023 17:13

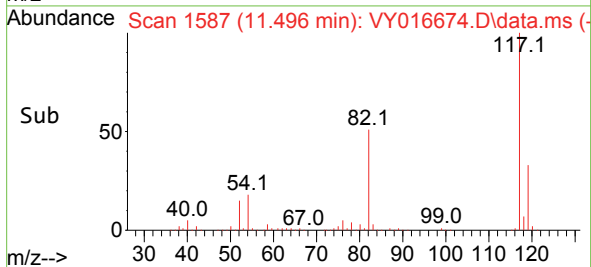
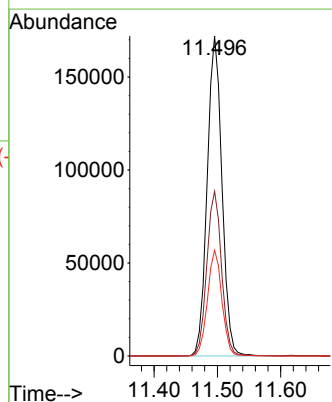
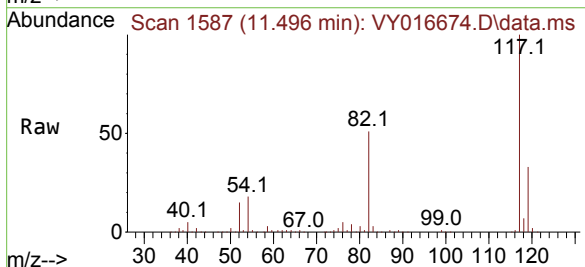
Instrument :
MSVOA_Y
ClientSampleId :

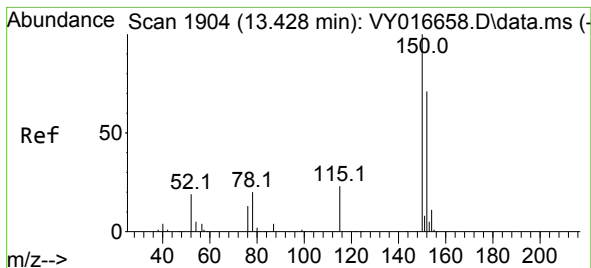
Tgt Ion: 95 Resp: 106037
Ion Ratio Lower Upper
95 100
174 93.6 0.0 178.2
176 89.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY016674.D
Acq: 16 Dec 2023 17:13

Tgt Ion: 117 Resp: 279593
Ion Ratio Lower Upper
117 100
82 51.4 43.4 65.0
119 33.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016674.D

Acq: 16 Dec 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

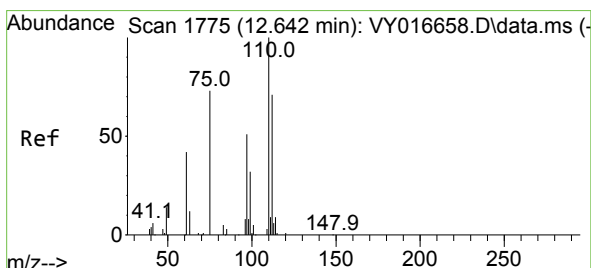
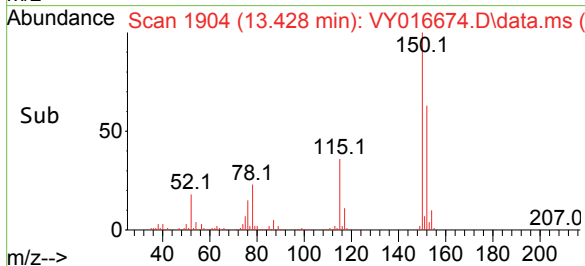
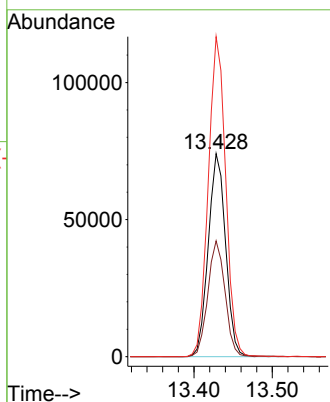
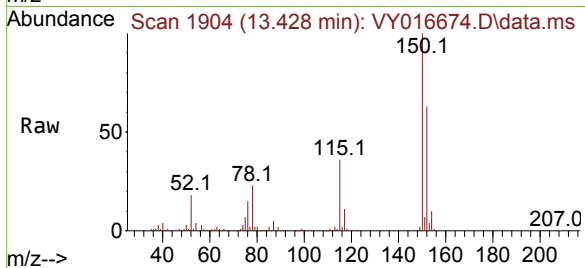
Tgt Ion:152 Resp: 113980

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 157.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 50.600 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY016674.D

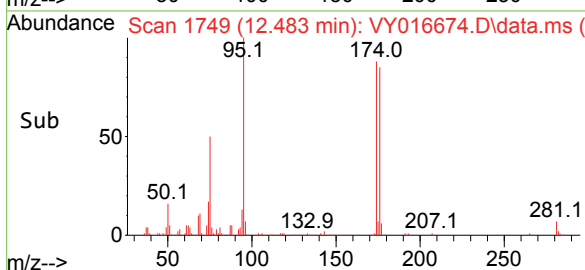
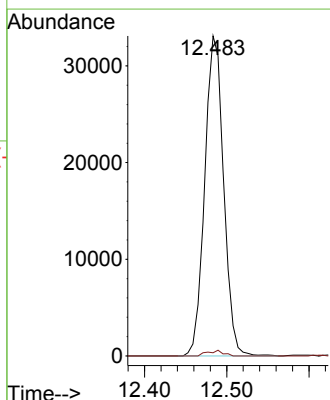
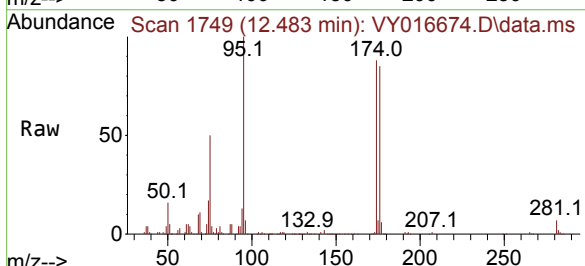
Acq: 16 Dec 2023 17:13

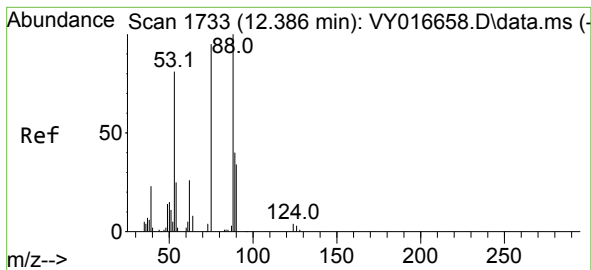
Tgt Ion: 75 Resp: 52829

Ion Ratio Lower Upper

75 100

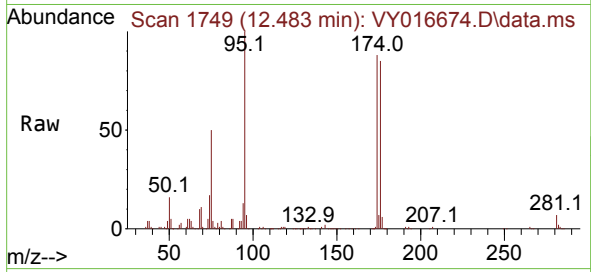
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.633 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY016674.D
 Acq: 16 Dec 2023 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :



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

