

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017528.D
 Acq On : 29 Feb 2024 15:11
 Operator : SY/MD
 Sample : VY0229SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0229SBL01

Quant Time: Mar 01 00:29:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

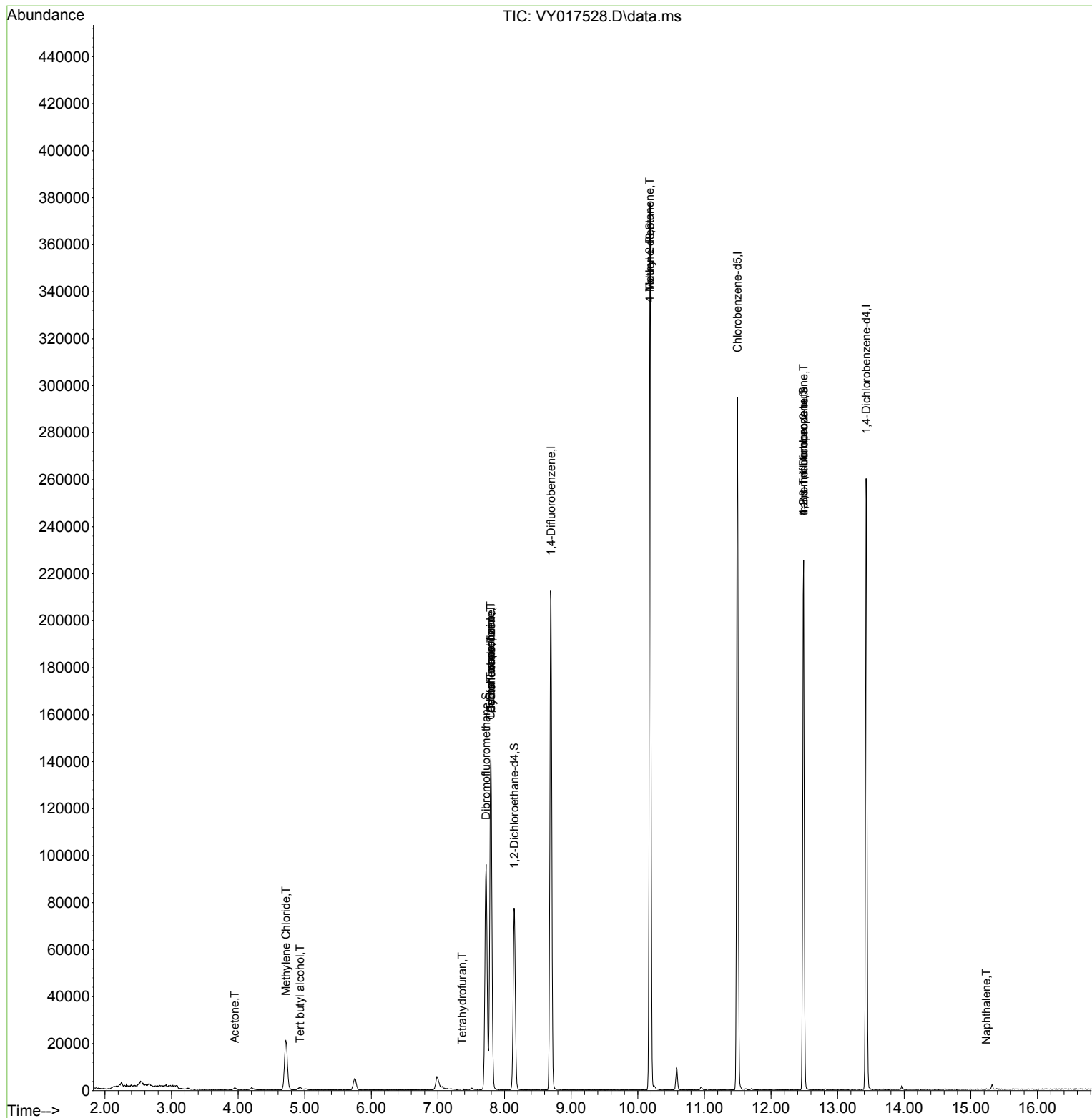
Internal Standards						
1) Pentafluorobenzene	7.795	168	118917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	167899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	57390	50.922	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.840%			
35) Dibromofluoromethane	7.722	113	69023	50.012	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.020%			
50) Toluene-d8	10.185	98	249573	51.720	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.440%			
62) 4-Bromofluorobenzene	12.489	95	66218	43.665	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.320%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	115	1.201	ug/l #	88
16) Acetone	3.948	43	1463	6.693	ug/l #	71
20) Methylene Chloride	4.716	84	17666	9.296	ug/l	97
29) Tetrahydrofuran	7.362	42	220	1.172	ug/l #	60
31) Cyclohexane	7.795	56	2088	1.138	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9062	4.867	ug/l #	46
38) Carbon Tetrachloride	7.789	117	10682	5.724	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	775	1.076	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	33135	49.417	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	33135	113.550	ug/l #	16
95) Naphthalene	15.233	128	150	3.977	ug/l #	69

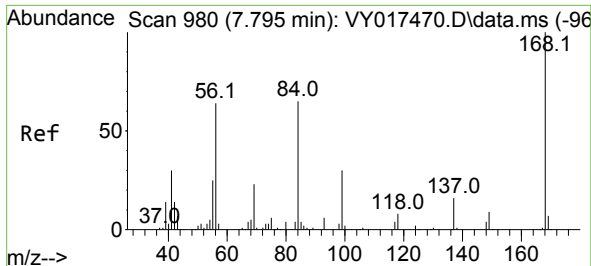
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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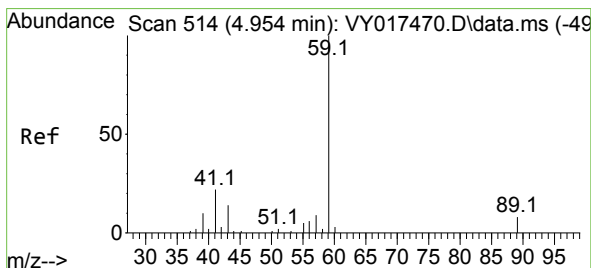
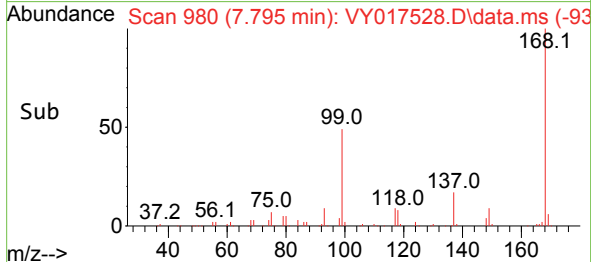
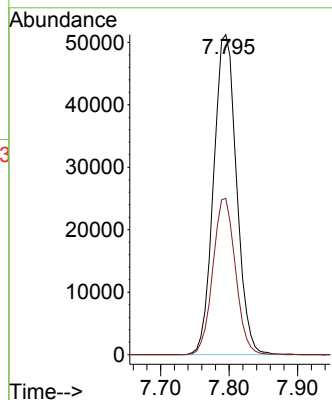
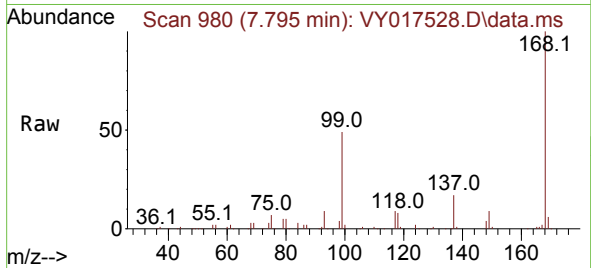




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

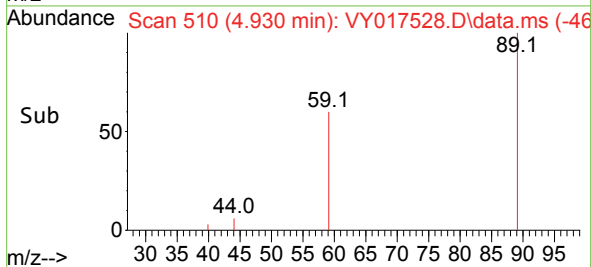
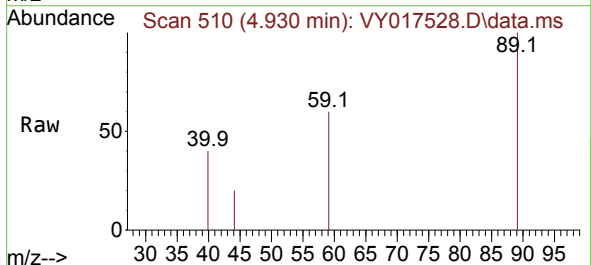
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBL01

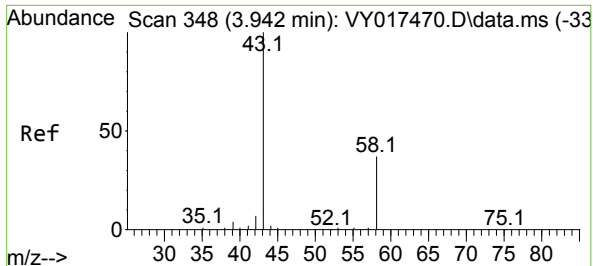
Tgt Ion:168 Resp: 118917
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.201 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

Tgt Ion: 59 Resp: 115
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

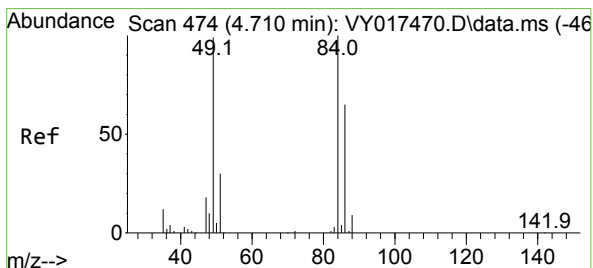
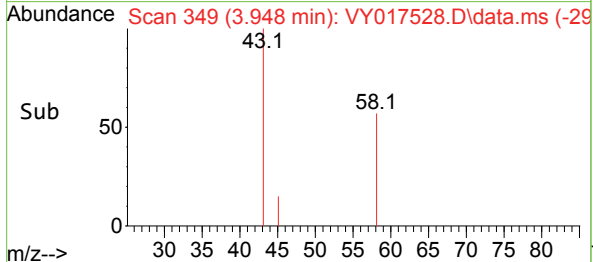
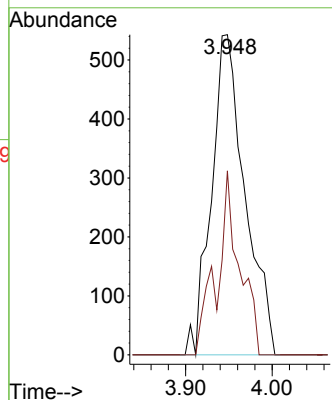
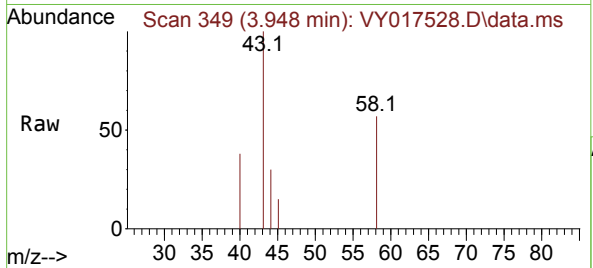




#16
Acetone
Concen: 6.693 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

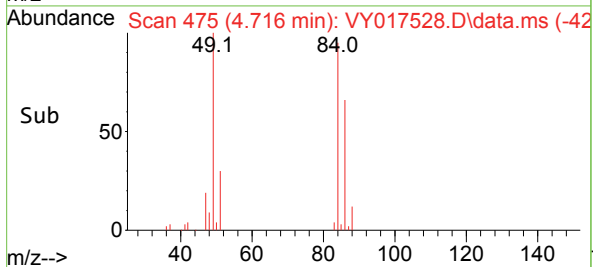
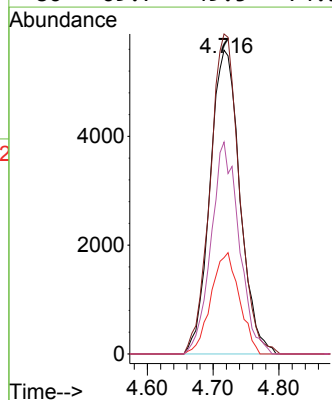
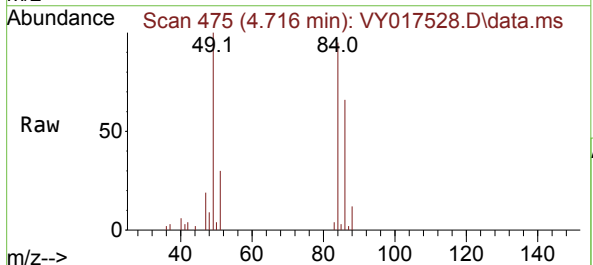
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBL01

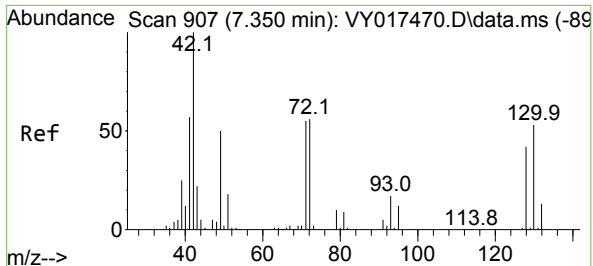
Tgt Ion: 43 Resp: 1463
Ion Ratio Lower Upper
43 100
58 57.5 31.7 47.5#



#20
Methylene Chloride
Concen: 9.296 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

Tgt Ion: 84 Resp: 17666
Ion Ratio Lower Upper
84 100
49 105.3 84.4 126.6
51 31.7 26.0 39.0
86 69.7 49.5 74.3





#29

Tetrahydrofuran

Concen: 1.172 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017528.D

Acq: 29 Feb 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBL01

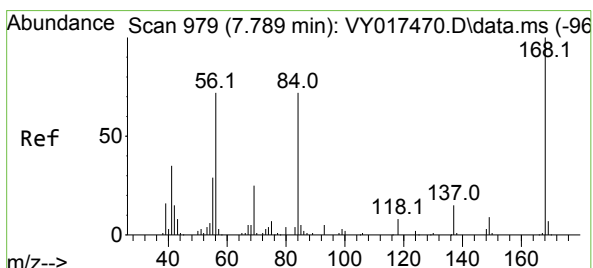
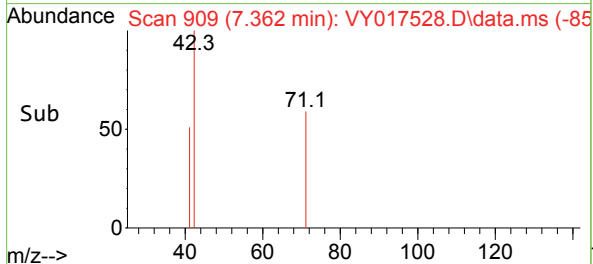
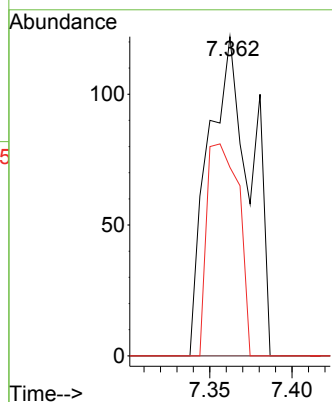
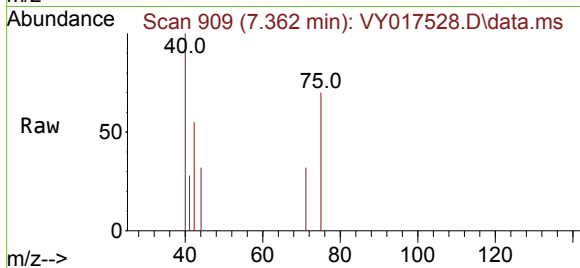
Tgt Ion: 42 Resp: 220

Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

71 49.5 40.8 61.2



#31

Cyclohexane

Concen: 1.138 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY017528.D

Acq: 29 Feb 2024 15:11

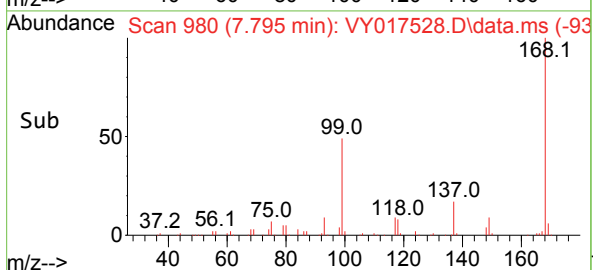
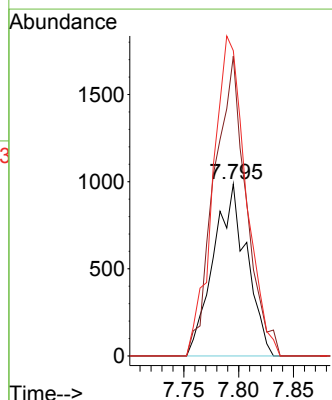
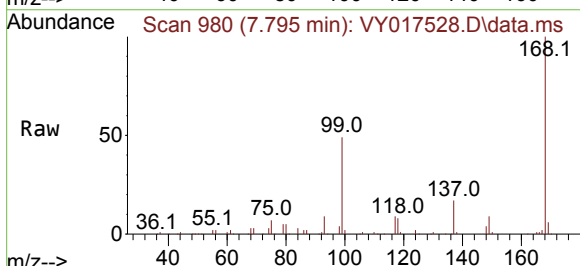
Tgt Ion: 56 Resp: 2088

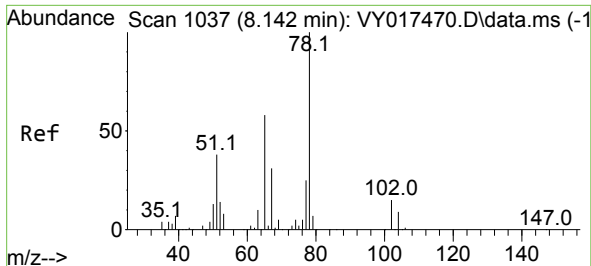
Ion Ratio Lower Upper

56 100

69 174.3 28.7 43.1#

84 177.5 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 50.922 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017528.D

Acq: 29 Feb 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

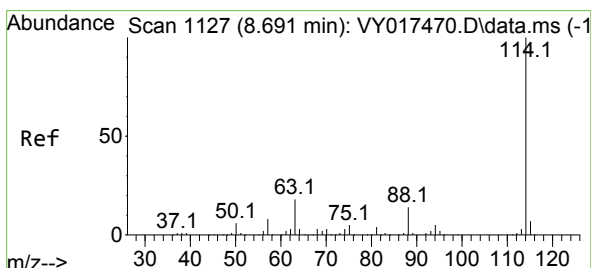
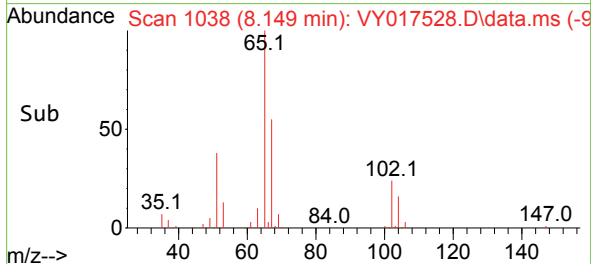
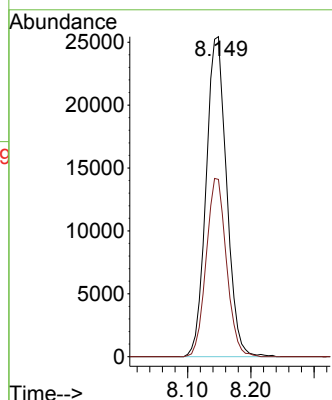
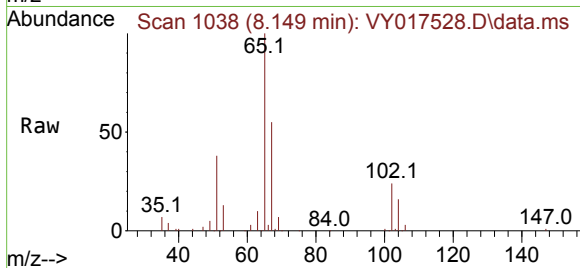
VY0229SBL01

Tgt Ion: 65 Resp: 57390

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017528.D

Acq: 29 Feb 2024 15:11

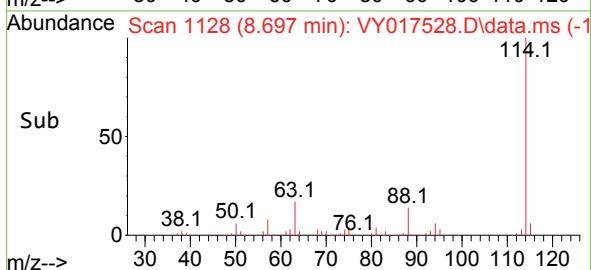
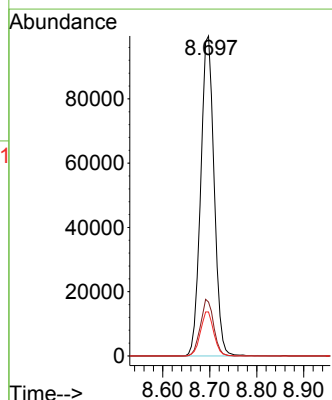
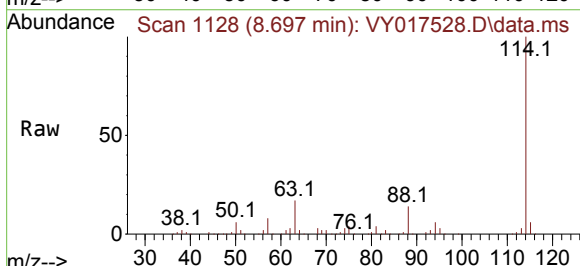
Tgt Ion: 114 Resp: 198058

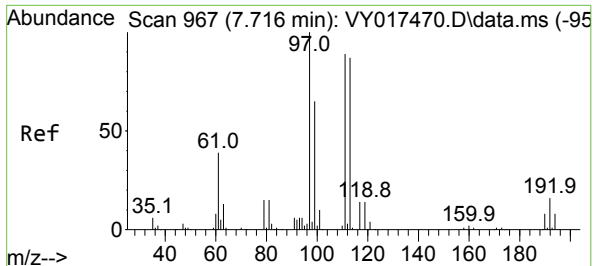
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.8 0.0 27.2

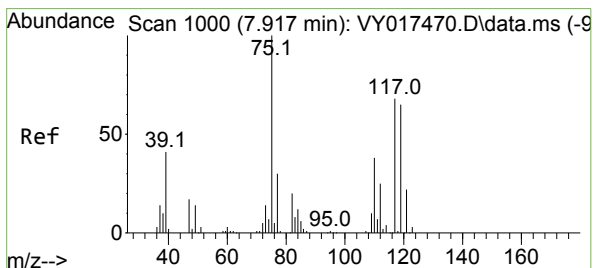
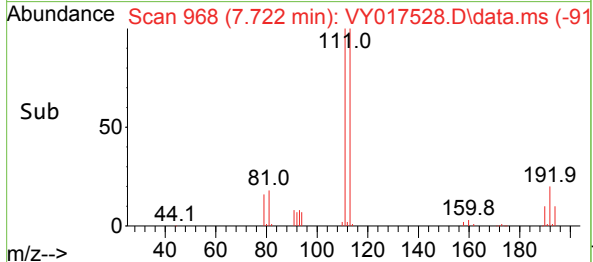
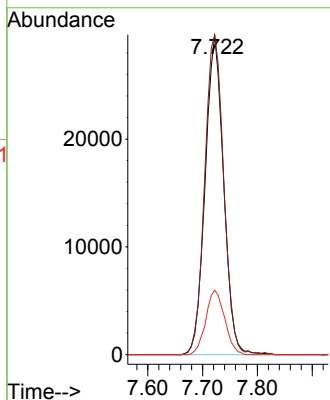
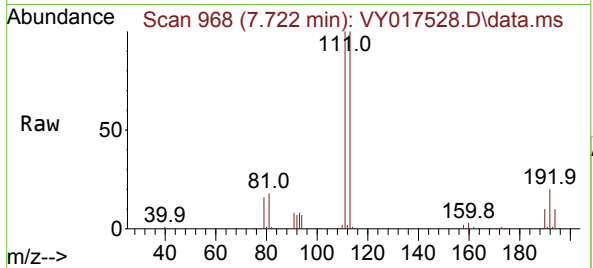




#35
Dibromofluoromethane
Concen: 50.012 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

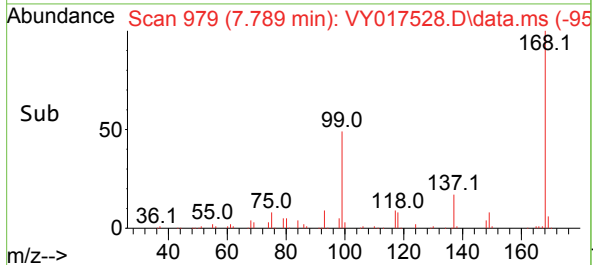
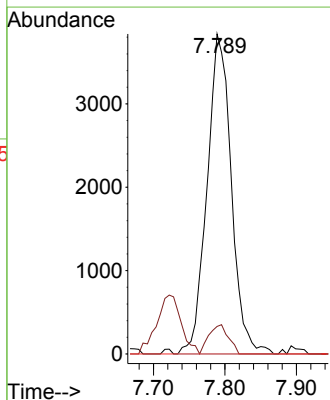
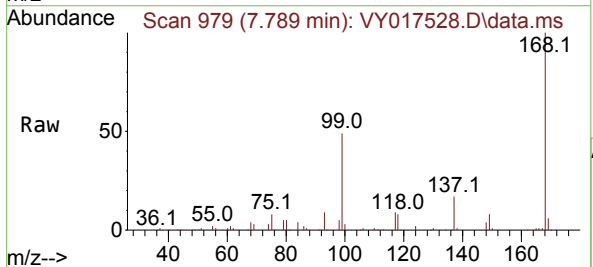
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBL01

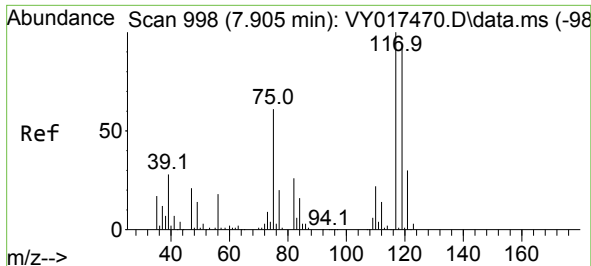
Tgt Ion:113 Resp: 69023
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.867 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

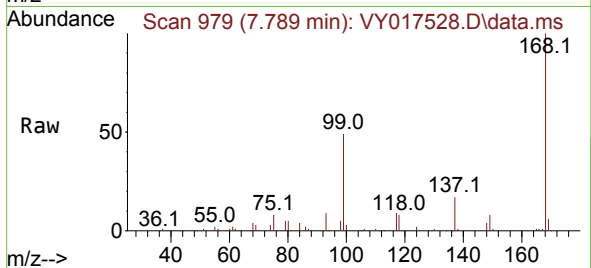
Tgt Ion: 75 Resp: 9062
Ion Ratio Lower Upper
75 100
110 7.4 19.0 57.0#
77 0.0 25.3 37.9#



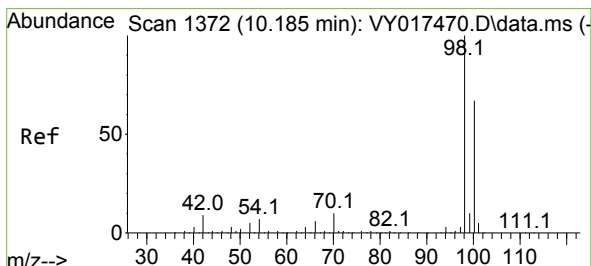
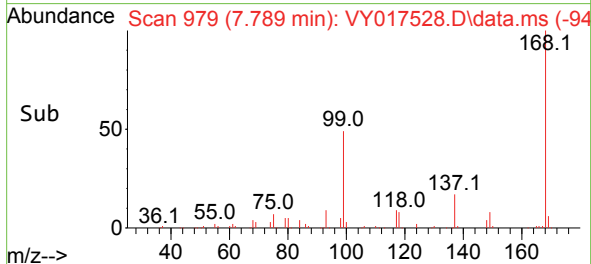
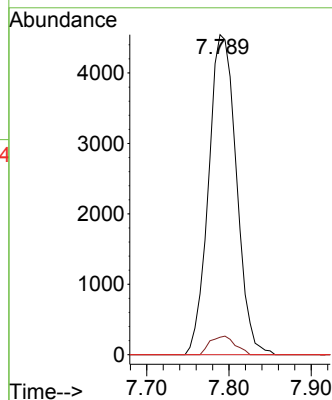


#38
Carbon Tetrachloride
Concen: 5.724 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

Instrument :
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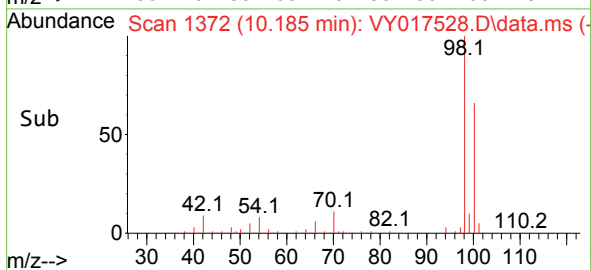
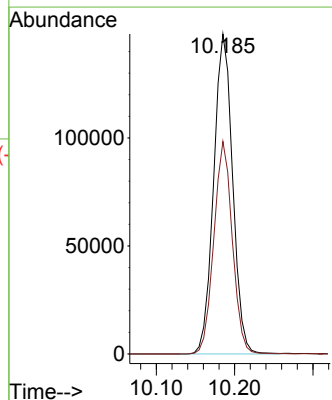
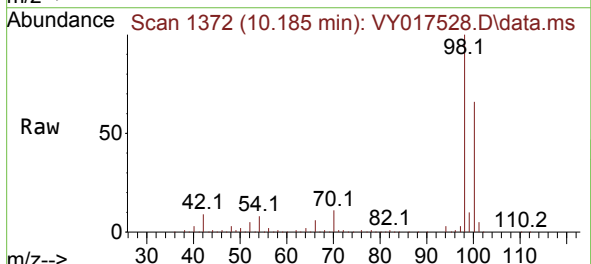


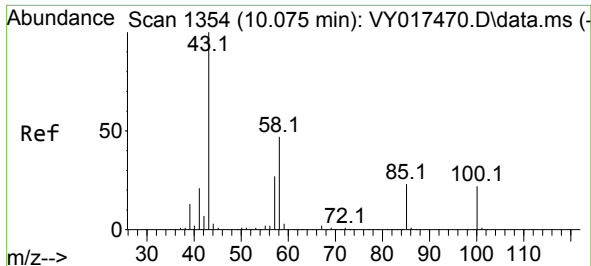
Tgt Ion:117 Resp: 10682
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 51.720 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

Tgt Ion: 98 Resp: 249573
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

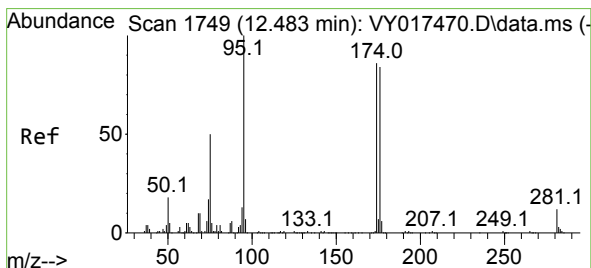
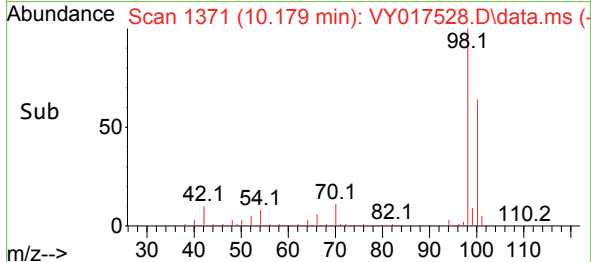
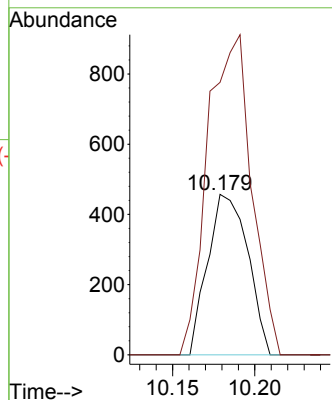
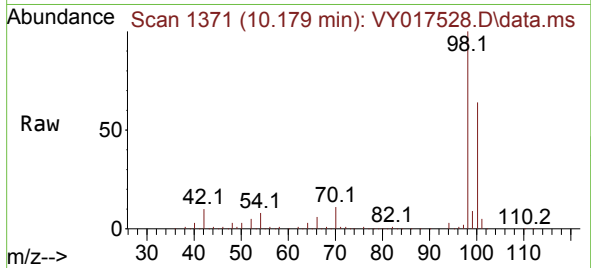




#51
4-Methyl-2-Pentanone
Concen: 1.076 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

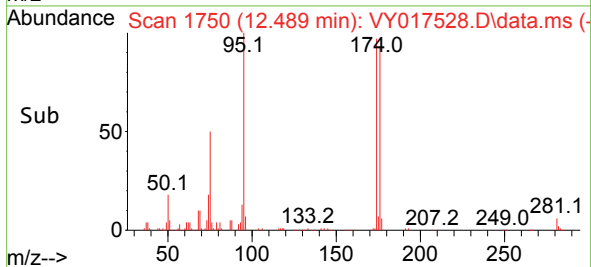
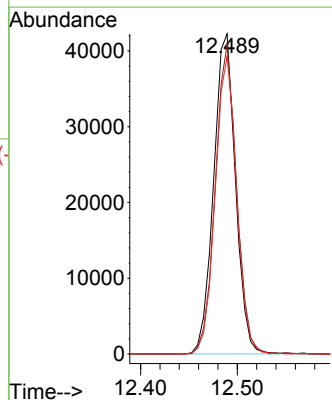
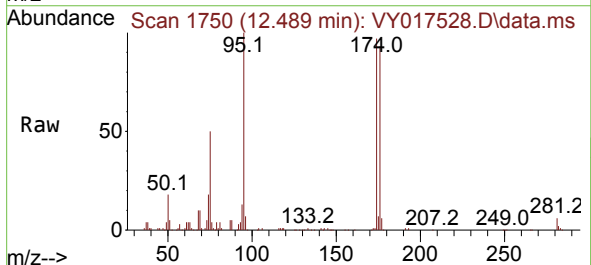
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBL01

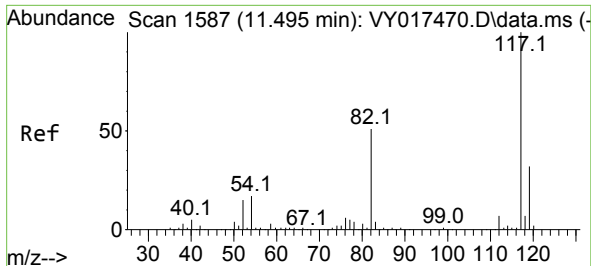
Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
58 218.5 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 43.665 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

Tgt Ion: 95 Resp: 66218
Ion Ratio Lower Upper
95 100
174 94.3 0.0 175.6
176 91.5 0.0 171.4

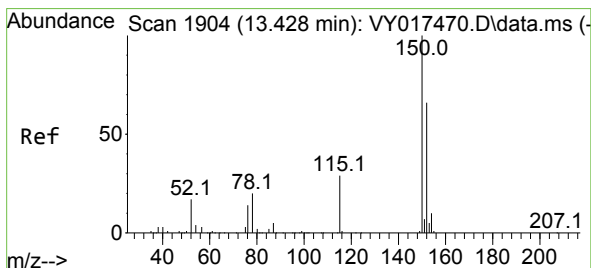
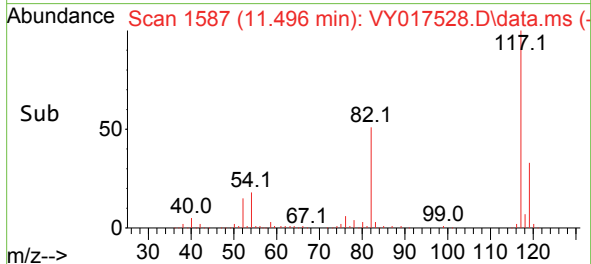
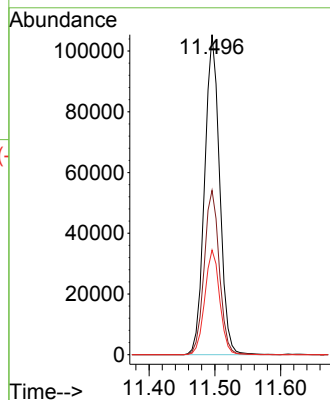
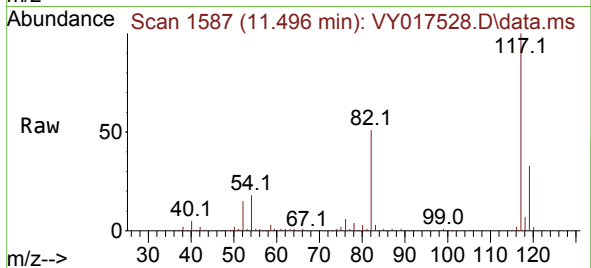




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

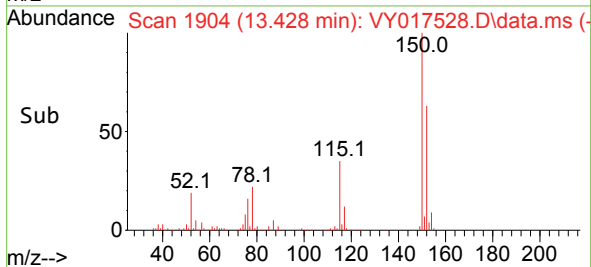
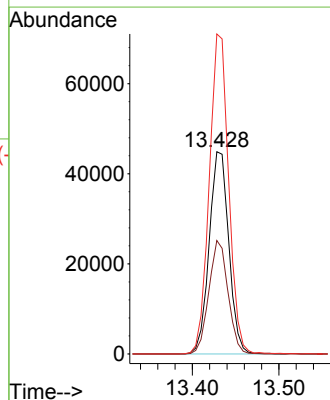
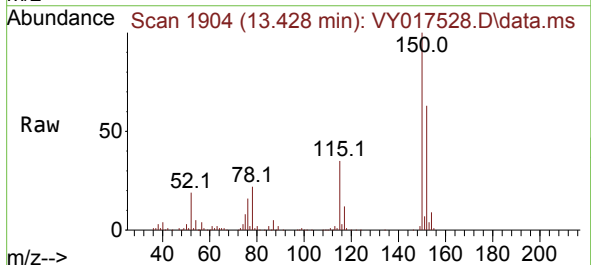
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBL01

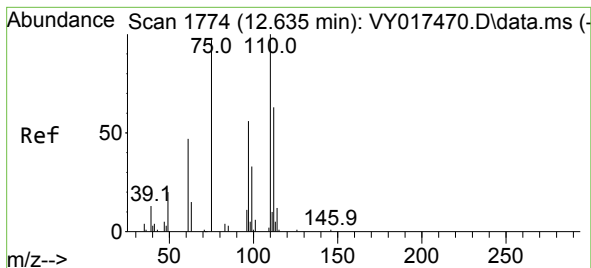
Tgt Ion:117 Resp: 167899
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

Tgt Ion:152 Resp: 70569
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 156.6 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 49.417 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017528.D

Acq: 29 Feb 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

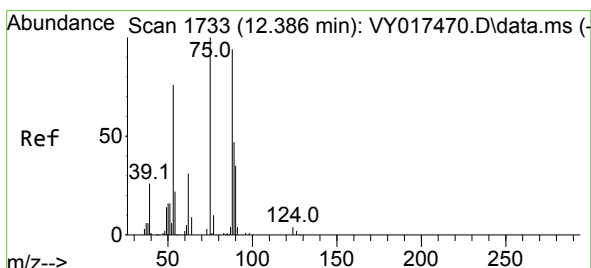
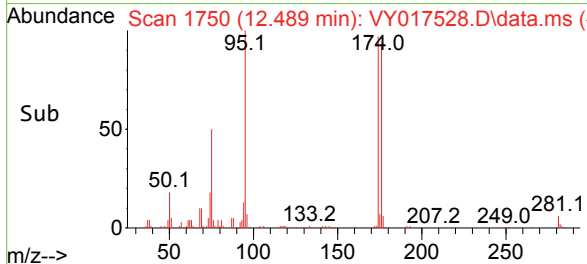
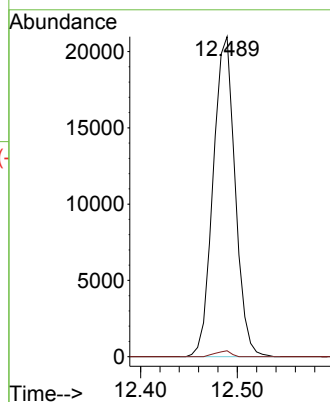
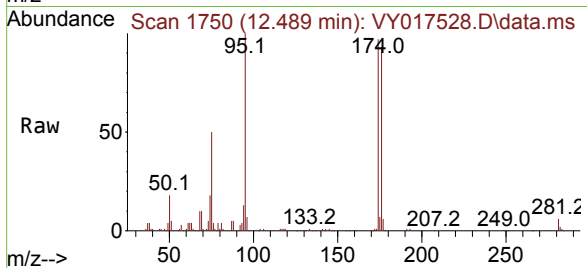
VY0229SBL01

Tgt Ion: 75 Resp: 33135

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.550 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017528.D

Acq: 29 Feb 2024 15:11

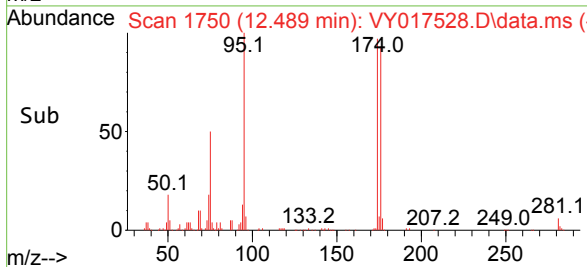
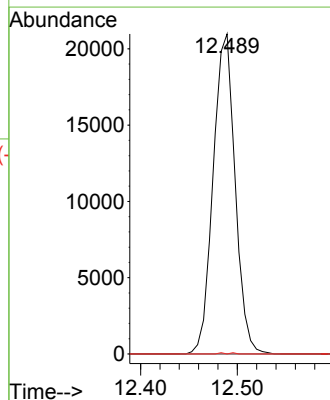
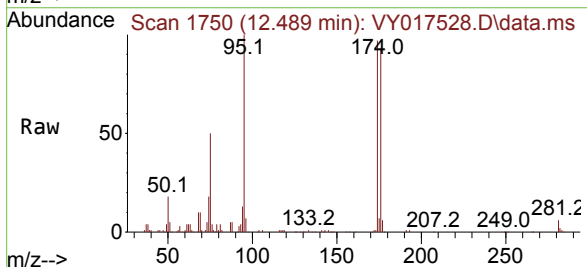
Tgt Ion: 75 Resp: 33135

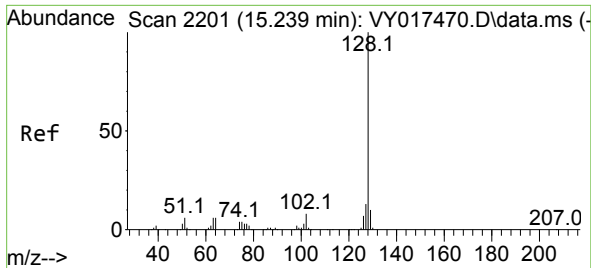
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

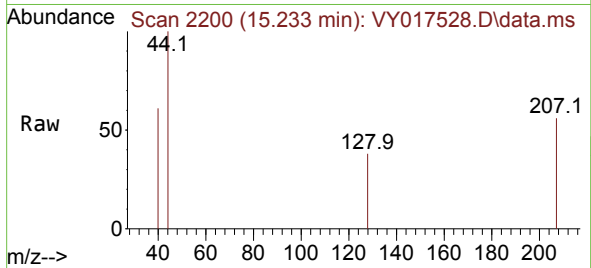
89 0.2 35.8 53.6#





#95
Naphthalene
Concen: 3.977 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBL01



Tgt Ion:128 Resp: 150
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

