

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017600.D
 Acq On : 07 Mar 2024 11:43
 Operator : SY/MD
 Sample : VY0307SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBL01

Quant Time: Mar 08 03:24:02 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)

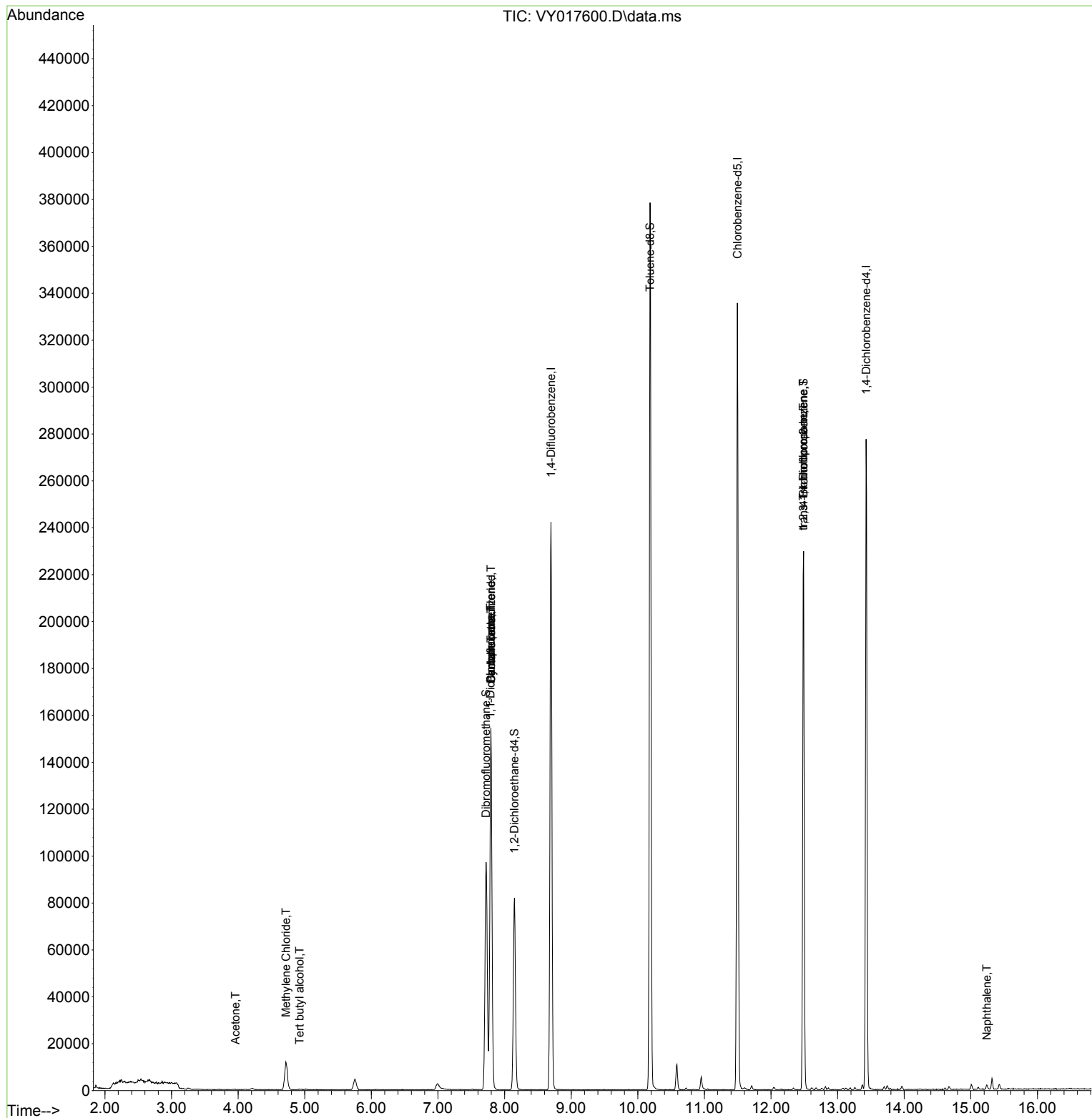
Internal Standards						
1) Pentafluorobenzene	7.795	168	123903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	221569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	195231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60550	51.564	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.120%			
35) Dibromofluoromethane	7.722	113	70836	45.879	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.760%			
50) Toluene-d8	10.185	98	255299	47.293	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.580%			
62) 4-Bromofluorobenzene	12.489	95	67506	39.791	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 79.580%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.924	59	150	1.504	ug/l #	88
16) Acetone	3.960	43	473	2.077	ug/l #	65
20) Methylene Chloride	4.716	84	9363	1.706	ug/l	97
31) Cyclohexane	7.795	56	2143	1.121	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9071	4.354	ug/l #	47
38) Carbon Tetrachloride	7.795	117	11675	5.592	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	33733	47.377	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33733	108.861	ug/l #	16
95) Naphthalene	15.239	128	2133	4.753	ug/l #	92

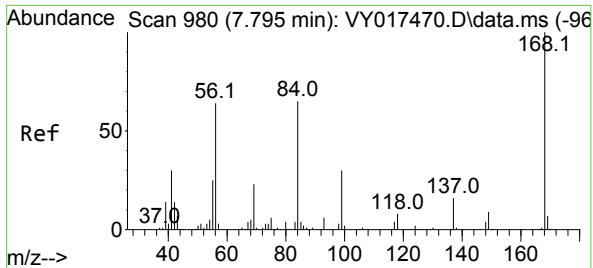
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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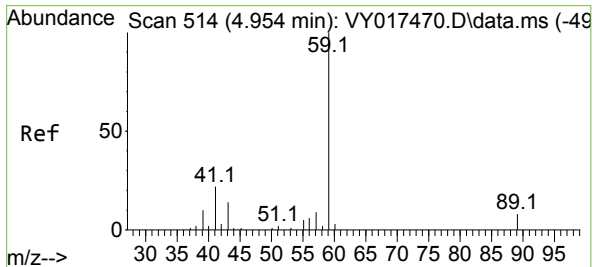
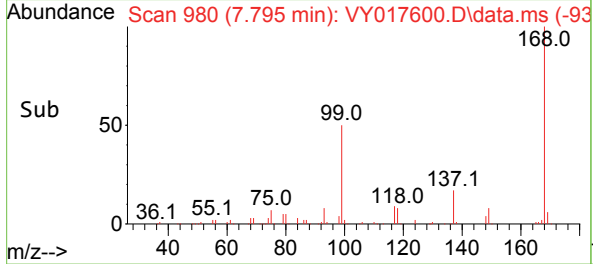
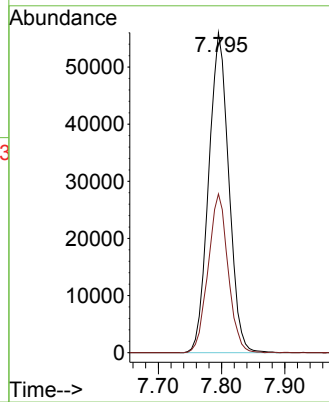
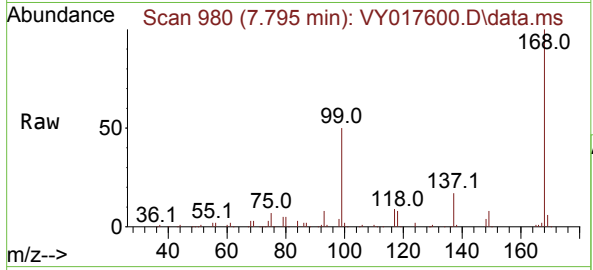




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017600.D
Acq: 07 Mar 2024 11:43

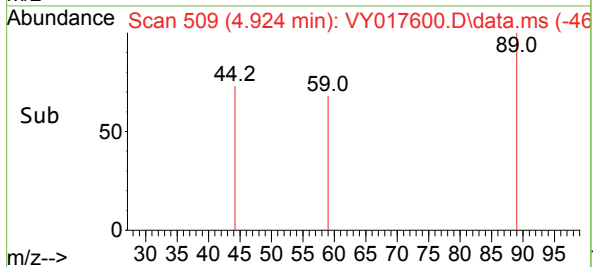
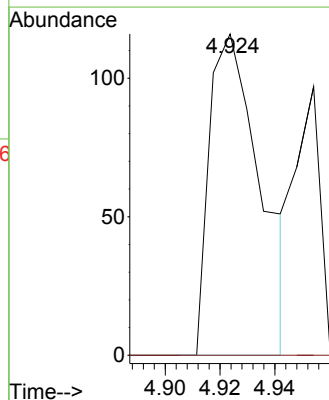
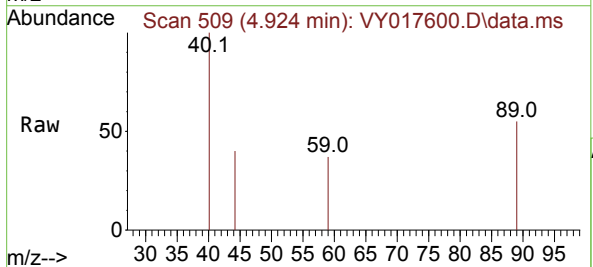
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

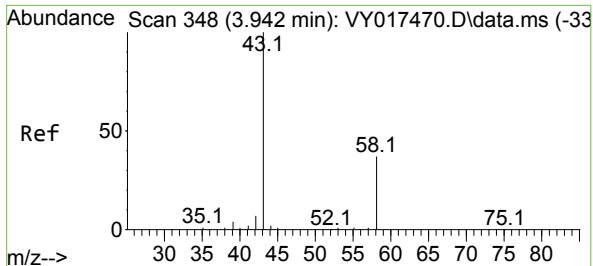
Tgt Ion:168 Resp: 123903
Ion Ratio Lower Upper
168 100
99 49.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.504 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY017600.D
Acq: 07 Mar 2024 11:43

Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

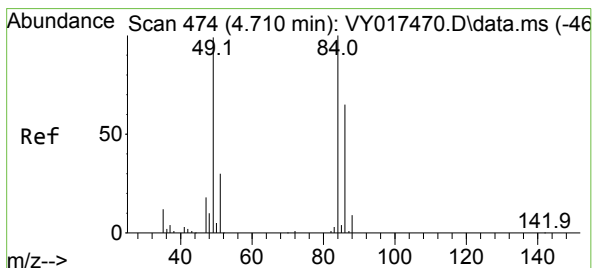
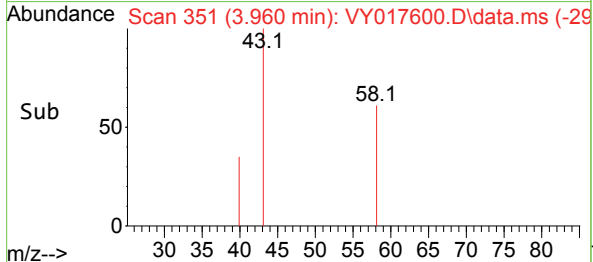
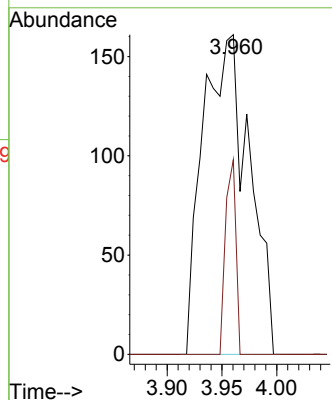
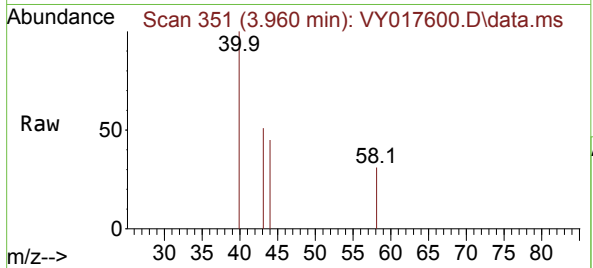




#16
Acetone
Concen: 2.077 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY017600.D
Acq: 07 Mar 2024 11:43

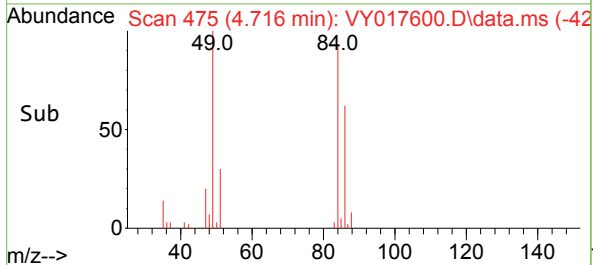
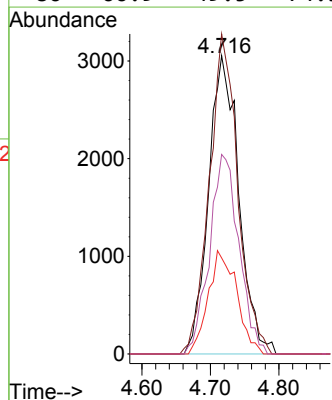
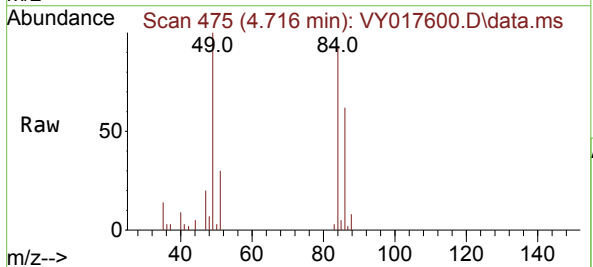
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

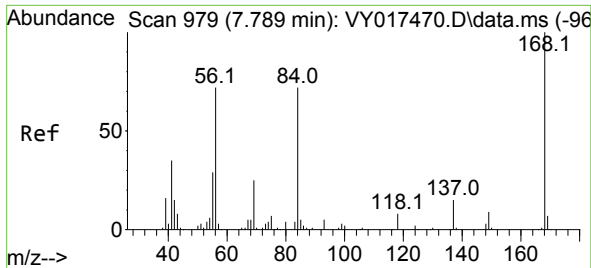
Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
58 60.9 31.7 47.5#



#20
Methylene Chloride
Concen: 1.706 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017600.D
Acq: 07 Mar 2024 11:43

Tgt Ion: 84 Resp: 9363
Ion Ratio Lower Upper
84 100
49 107.3 84.4 126.6
51 32.2 26.0 39.0
86 66.9 49.5 74.3

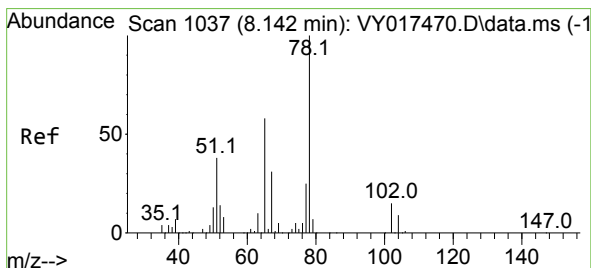
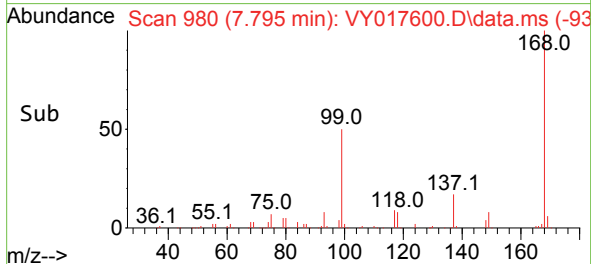
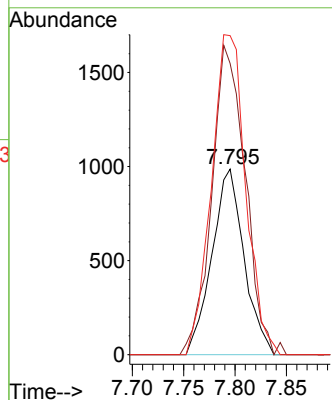
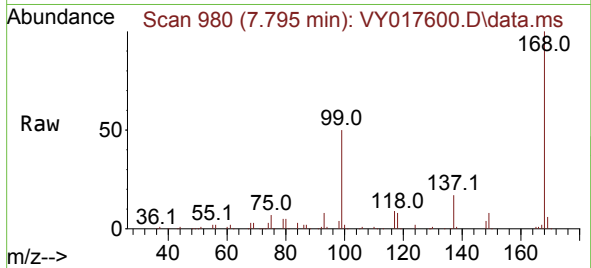




#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017600.D
Acq: 07 Mar 2024 11:43

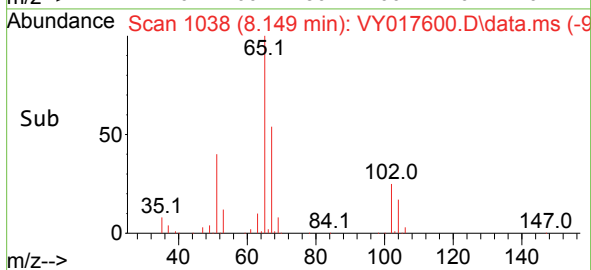
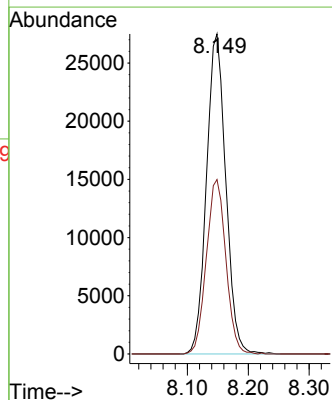
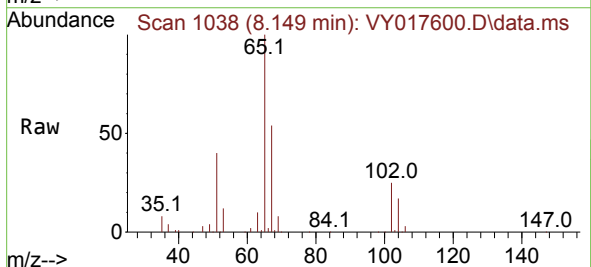
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

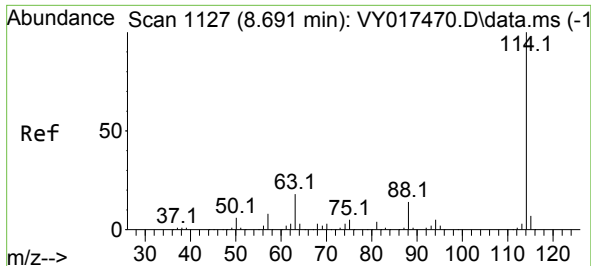
Tgt Ion: 56 Resp: 2143
Ion Ratio Lower Upper
56 100
69 156.8 28.7 43.1#
84 171.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.564 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017600.D
Acq: 07 Mar 2024 11:43

Tgt Ion: 65 Resp: 60550
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017600.D

Acq: 07 Mar 2024 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBL01

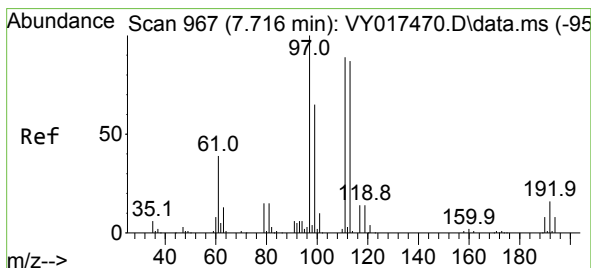
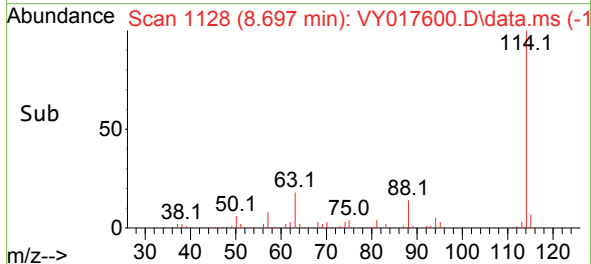
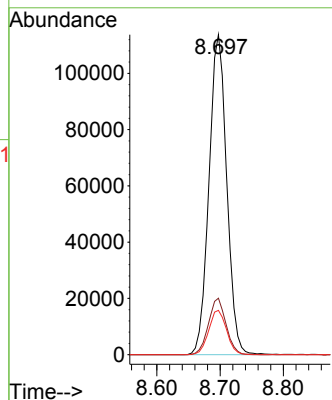
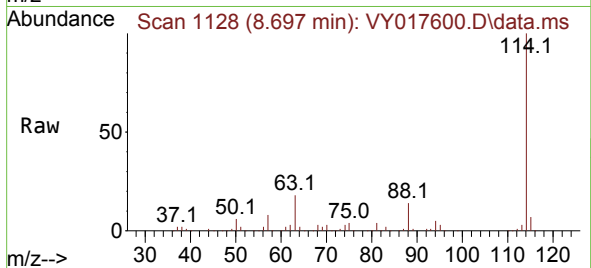
Tgt Ion:114 Resp: 221569

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.879 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017600.D

Acq: 07 Mar 2024 11:43

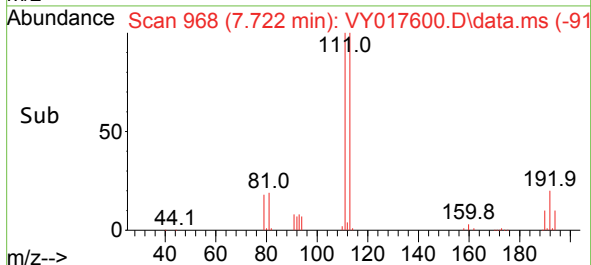
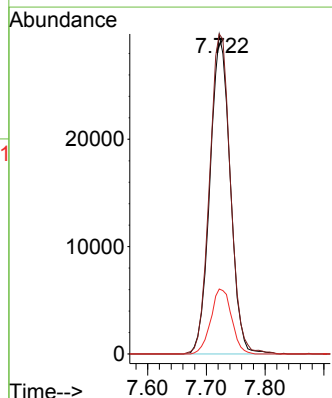
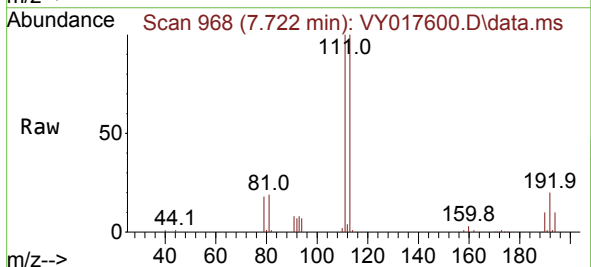
Tgt Ion:113 Resp: 70836

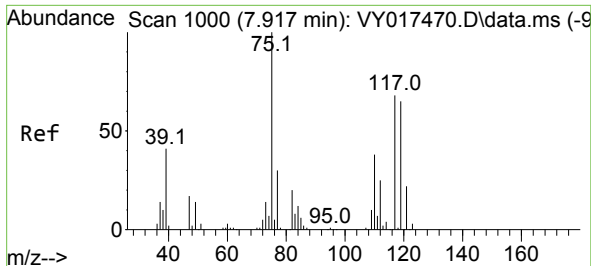
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 21.0 15.9 23.9

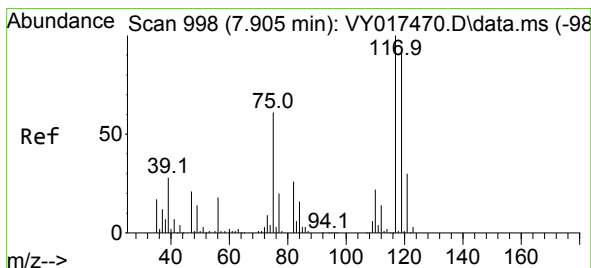
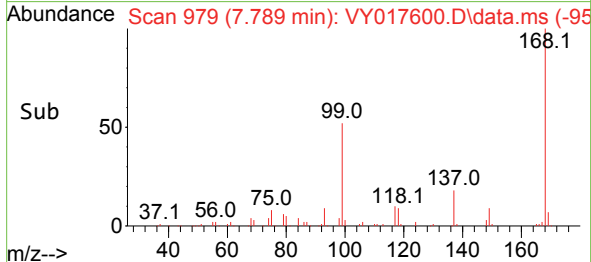
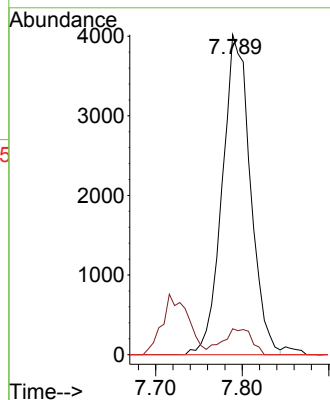
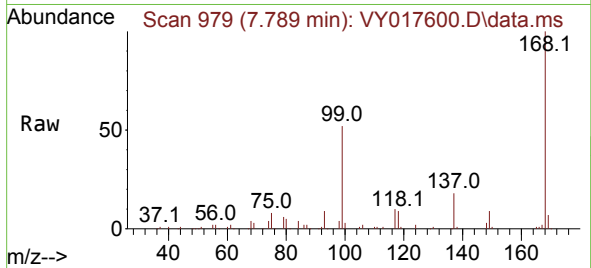




#36
 1,1-Dichloropropene
 Concen: 4.354 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY017600.D
 Acq: 07 Mar 2024 11:43

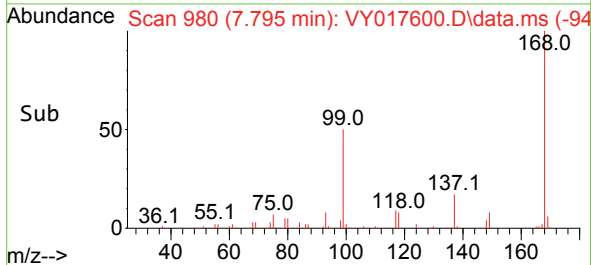
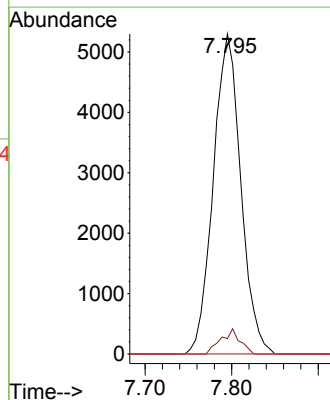
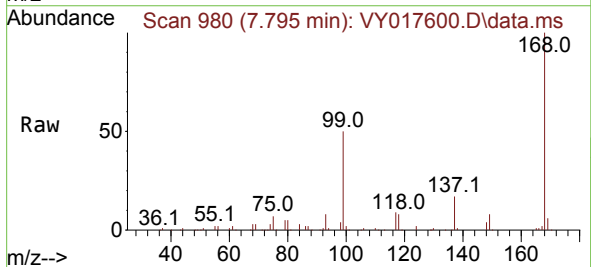
Instrument :
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 ClientSampleId :
 VY0307SBL01

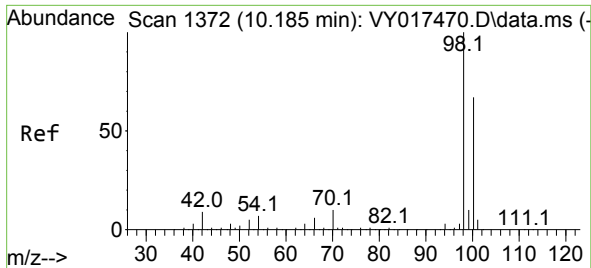
Tgt Ion: 75 Resp: 9071
 Ion Ratio Lower Upper
 75 100
 110 8.4 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.592 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.110 min
 Lab File: VY017600.D
 Acq: 07 Mar 2024 11:43

Tgt Ion: 117 Resp: 11675
 Ion Ratio Lower Upper
 117 100
 119 4.8 75.8 113.6#
 121 0.0 24.0 36.0#

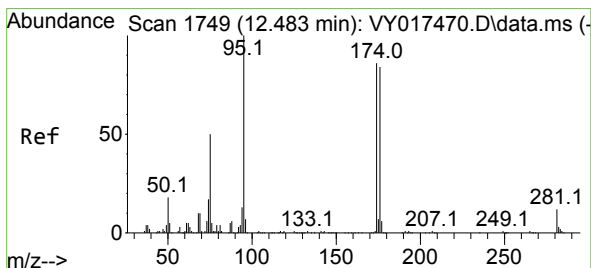
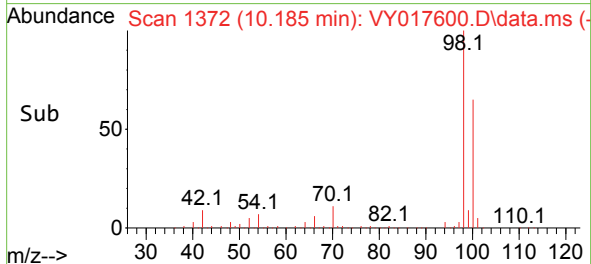
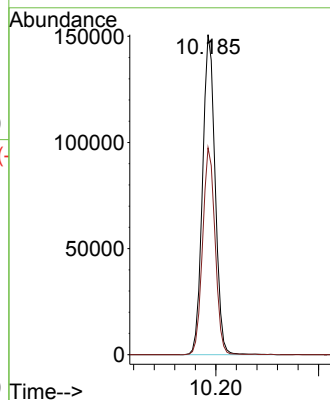
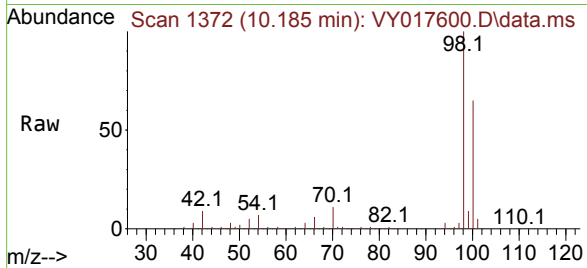




#50
Toluene-d8
Concen: 47.293 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017600.D
Acq: 07 Mar 2024 11:43

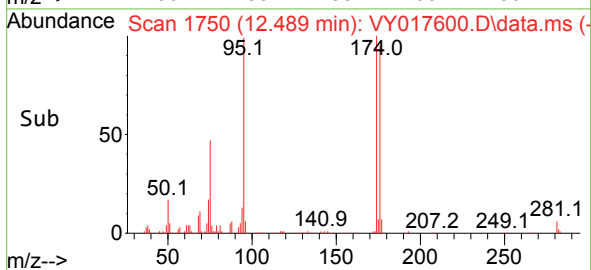
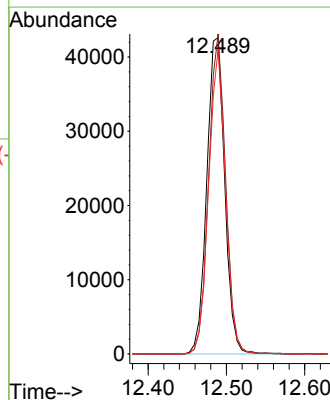
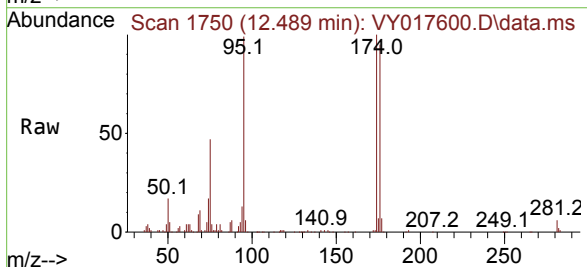
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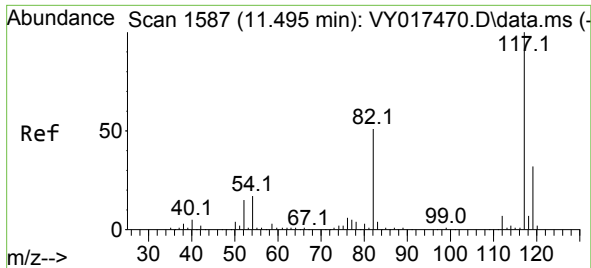
Tgt Ion: 98 Resp: 255299
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.791 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017600.D
Acq: 07 Mar 2024 11:43

Tgt Ion: 95 Resp: 67506
Ion Ratio Lower Upper
95 100
174 96.2 0.0 175.6
176 91.0 0.0 171.4

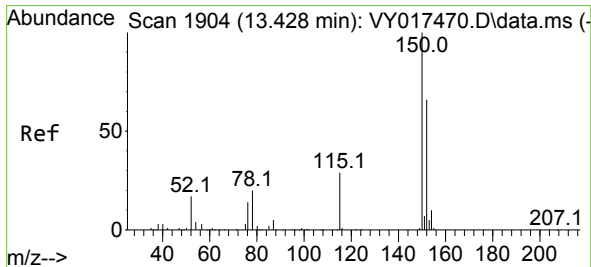
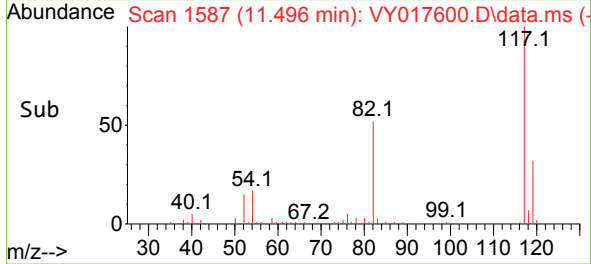
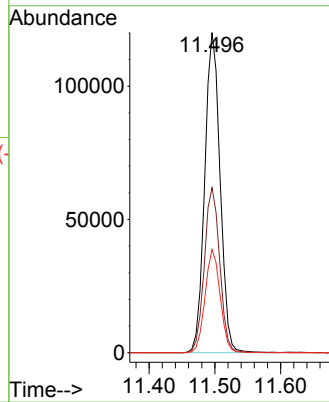
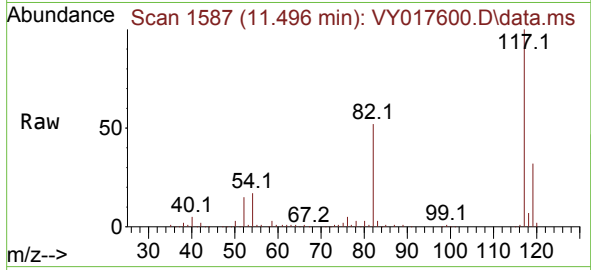




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017600.D
Acq: 07 Mar 2024 11:43

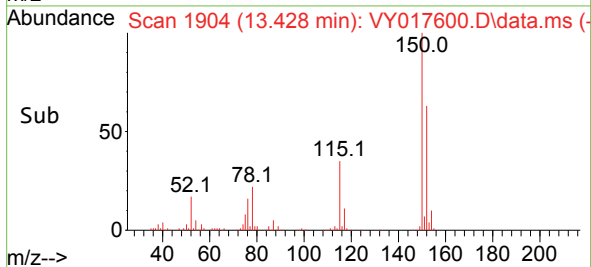
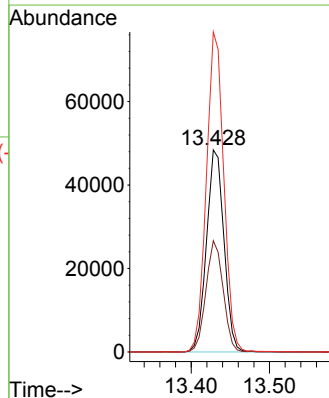
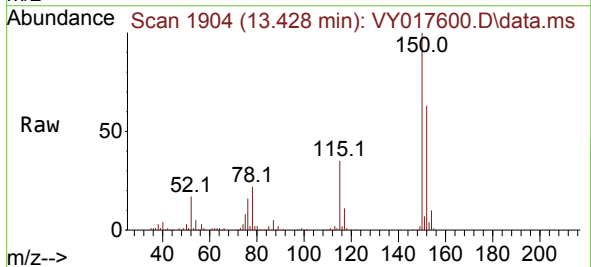
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

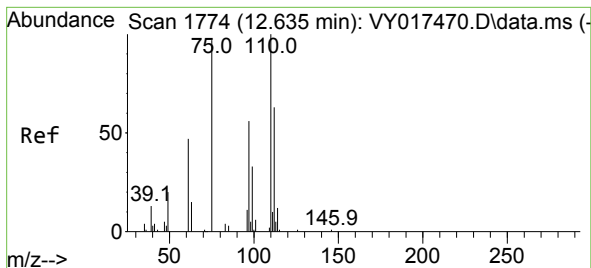
Tgt Ion:117 Resp: 195231
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017600.D
Acq: 07 Mar 2024 11:43

Tgt Ion:152 Resp: 74937
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 157.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 47.377 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017600.D

Acq: 07 Mar 2024 11:43

Instrument :

MSVOA_Y

ClientSampleId :

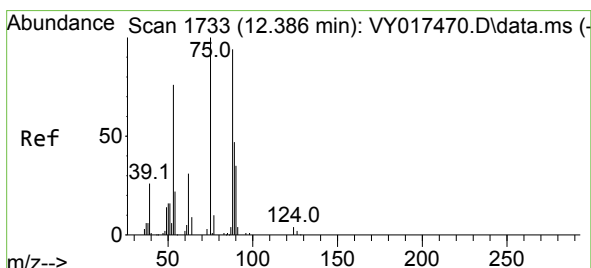
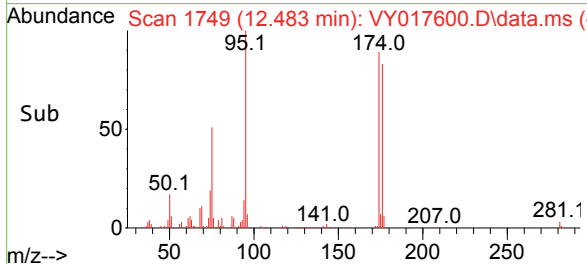
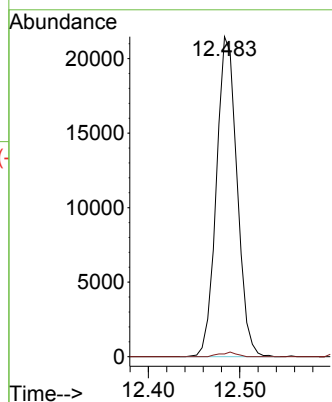
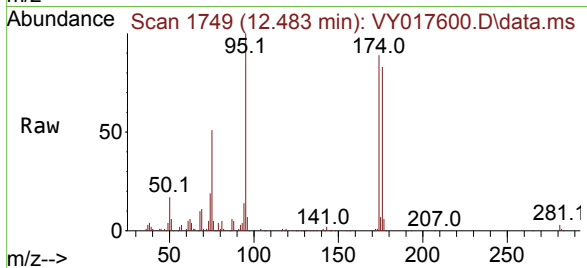
VY0307SBL01

Tgt Ion: 75 Resp: 33733

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.861 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY017600.D

Acq: 07 Mar 2024 11:43

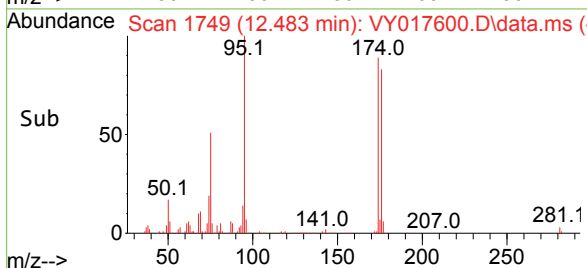
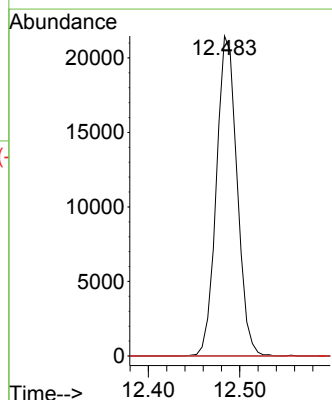
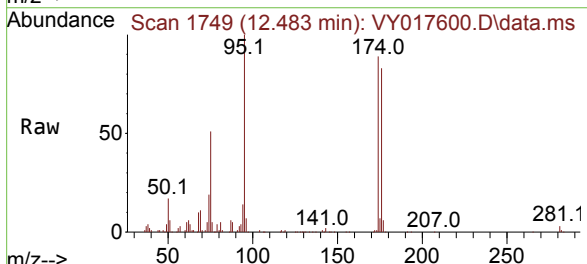
Tgt Ion: 75 Resp: 33733

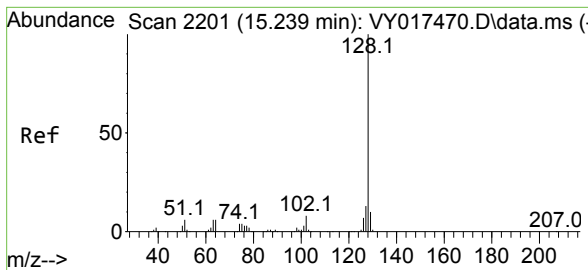
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

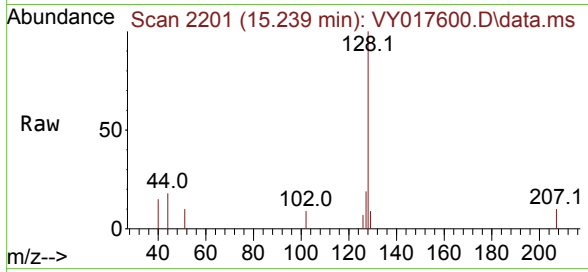
89 0.0 35.8 53.6#





#95
 Naphthalene
 Concen: 4.753 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY017600.D
 Acq: 07 Mar 2024 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBL01



Tgt Ion:	128	Resp:	2133
Ion	Ratio	Lower	Upper
128	100		
127	17.3	10.6	16.0#
129	8.5	8.6	13.0#

