

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017241.D
 Acq On : 05 Feb 2024 19:59
 Operator : SY/MD
 Sample : P1356-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-020224

Quant Time: Feb 06 01:05:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	64719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	133505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	133571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	50411	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	28232	48.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.660%
35) Dibromofluoromethane	7.722	113	31916	44.276	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.560%
50) Toluene-d8	10.185	98	117133	44.630	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.260%
62) 4-Bromofluorobenzene	12.489	95	37226	43.299	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.600%

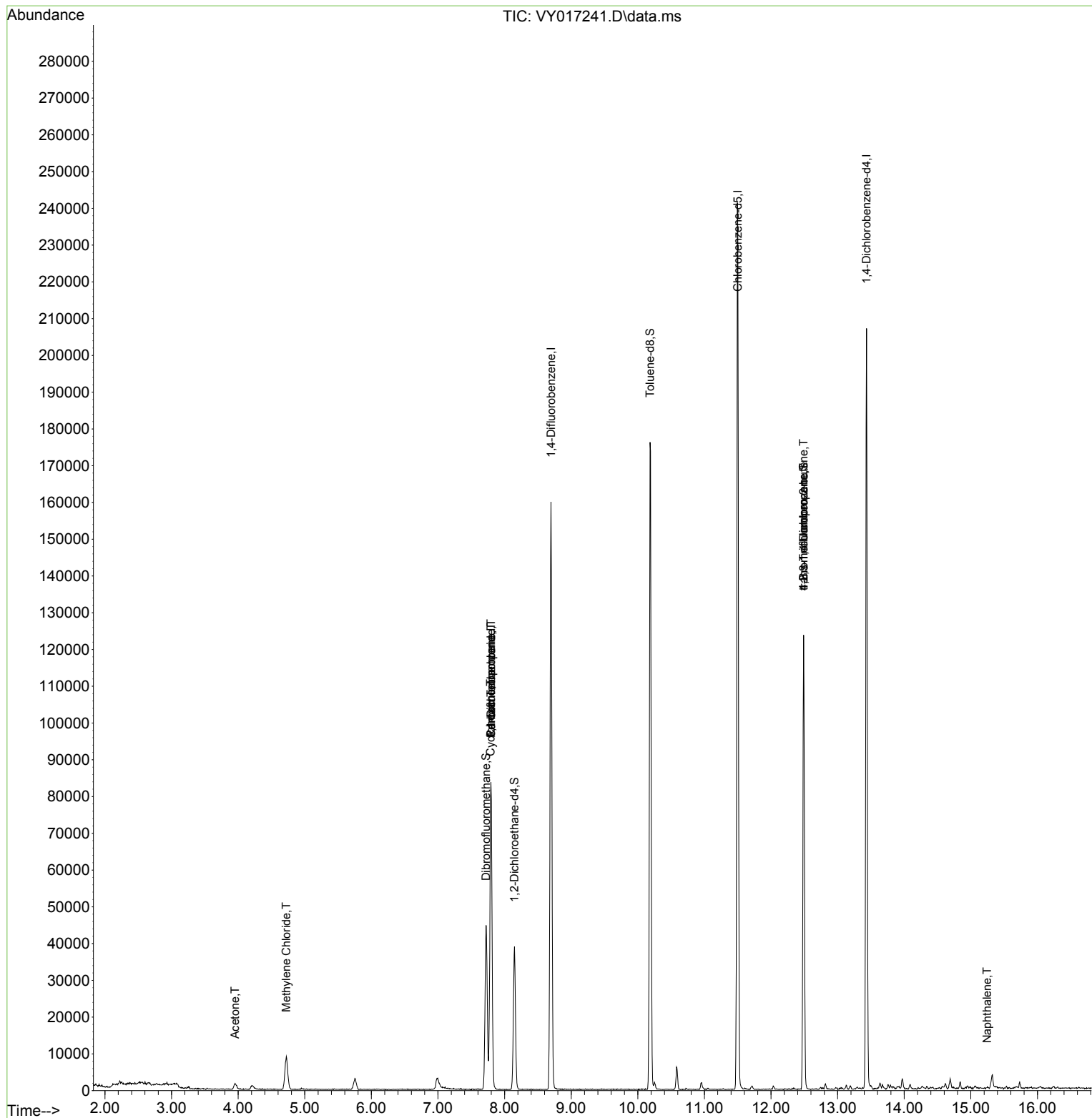
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.960	59	258	Below Cal	#	75
16) Acetone	3.954	43	2924	17.207	ug/l #	84
20) Methylene Chloride	4.722	84	6767	6.688	ug/l	97
31) Cyclohexane	7.789	56	1427	1.225	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	5404	4.346	ug/l #	49
38) Carbon Tetrachloride	7.795	117	6425	5.397	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	19654	42.241	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	19654	87.771	ug/l #	12
95) Naphthalene	15.245	128	335	3.657	ug/l #	78

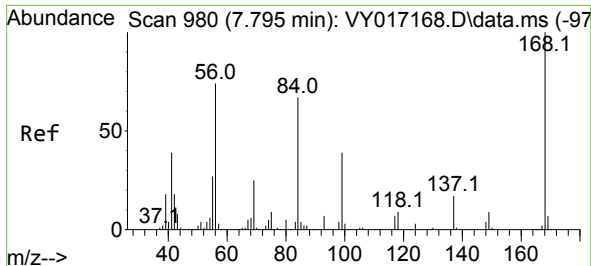
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

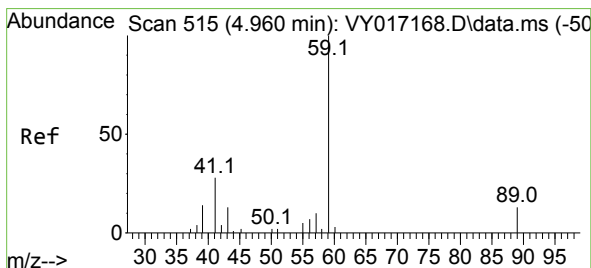
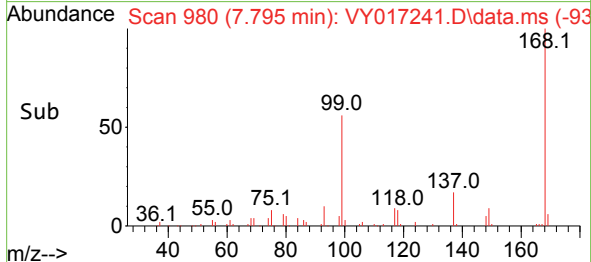
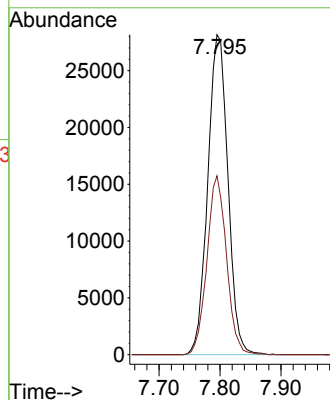
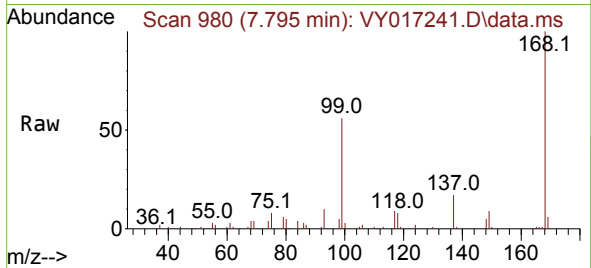




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017241.D
Acq: 05 Feb 2024 19:59

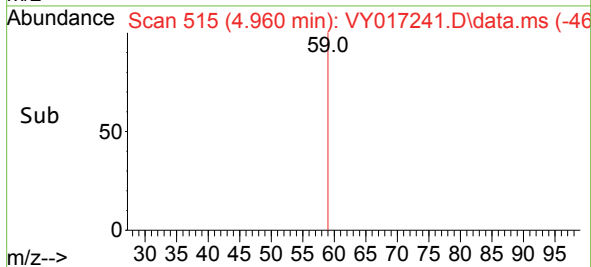
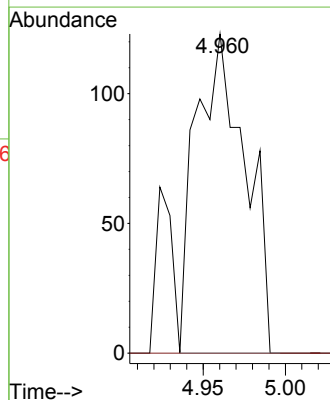
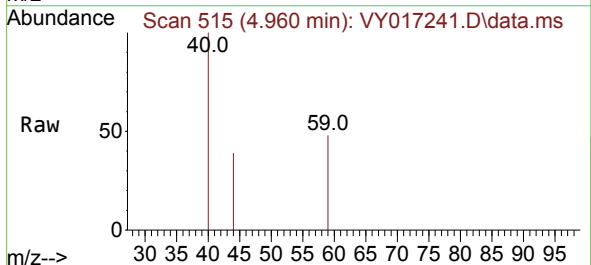
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-020224

Tgt Ion:168 Resp: 64719
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY017241.D
Acq: 05 Feb 2024 19:59

Tgt Ion: 59 Resp: 258
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

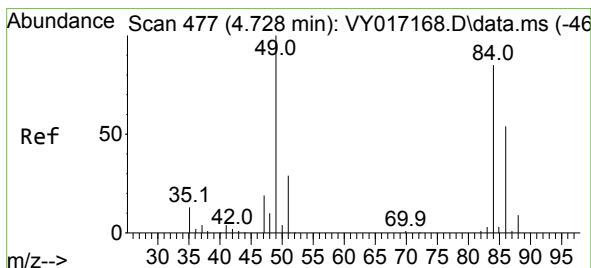
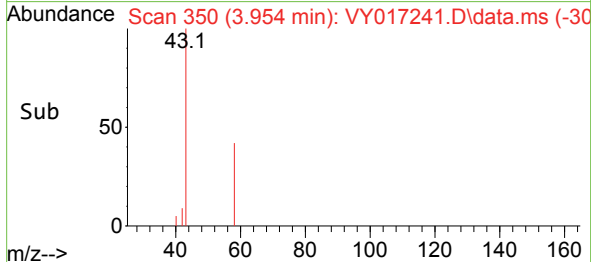
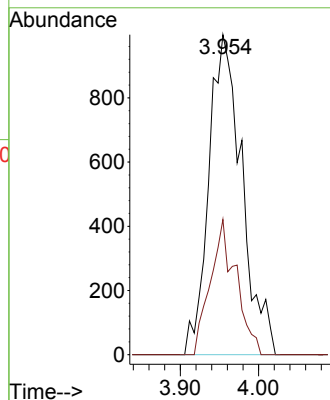
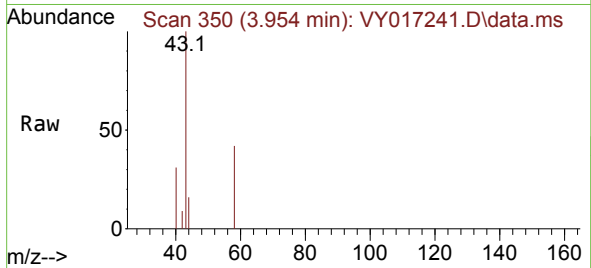




#16
Acetone
Concen: 17.207 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY017241.D
Acq: 05 Feb 2024 19:59

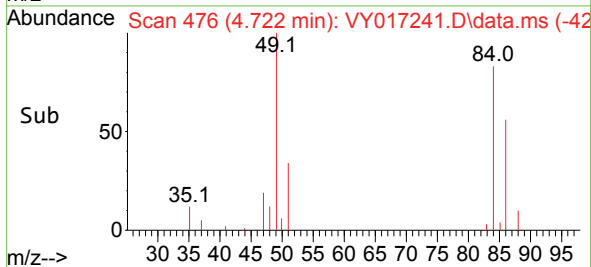
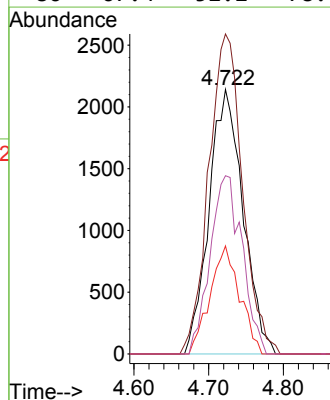
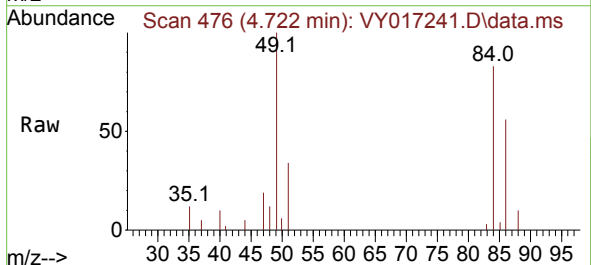
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MSVOA_Y
ClientSampleId :
OR-3-020224

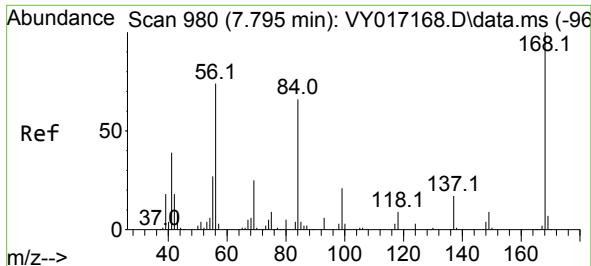
Tgt Ion: 43 Resp: 2924
Ion Ratio Lower Upper
43 100
58 42.2 26.6 39.8#



#20
Methylene Chloride
Concen: 6.688 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017241.D
Acq: 05 Feb 2024 19:59

Tgt Ion: 84 Resp: 6767
Ion Ratio Lower Upper
84 100
49 121.0 95.2 142.8
51 40.8 29.9 44.9
86 67.4 52.2 78.4

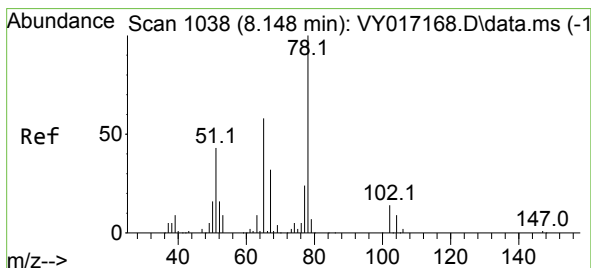
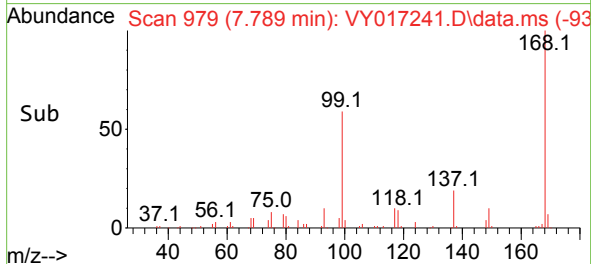
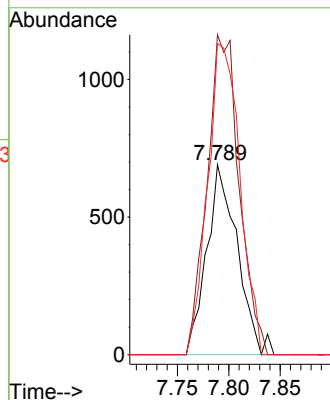
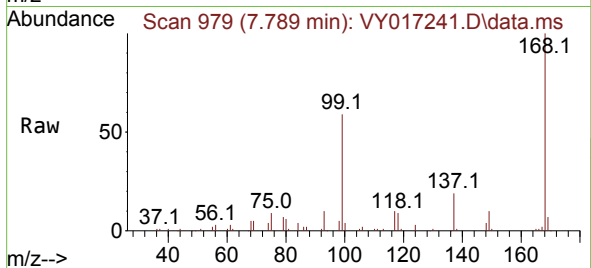




#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017241.D
Acq: 05 Feb 2024 19:59

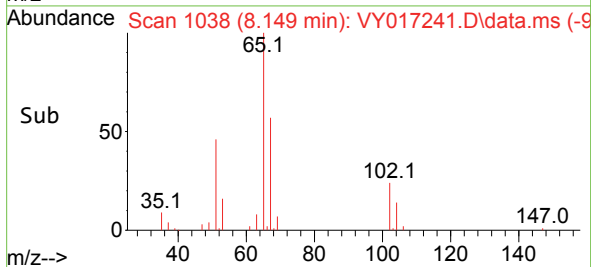
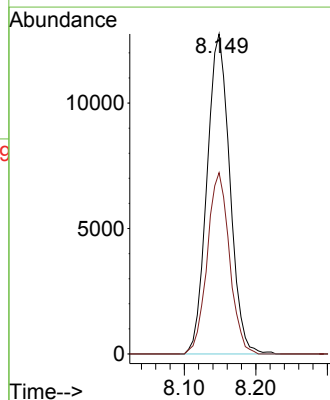
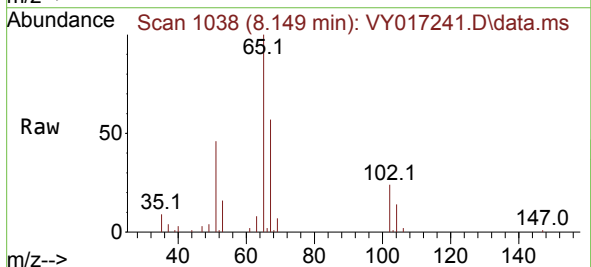
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-020224

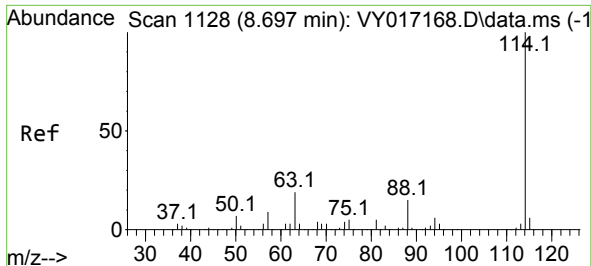
Tgt Ion: 56 Resp: 1427
Ion Ratio Lower Upper
56 100
69 168.6 27.0 40.6#
84 163.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 48.831 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017241.D
Acq: 05 Feb 2024 19:59

Tgt Ion: 65 Resp: 28232
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.0

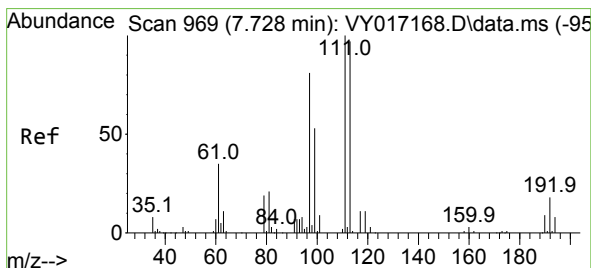
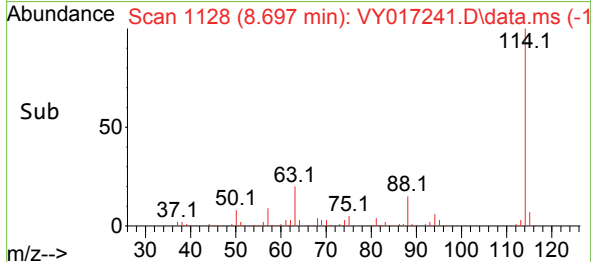
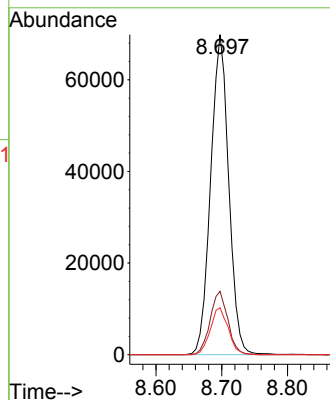
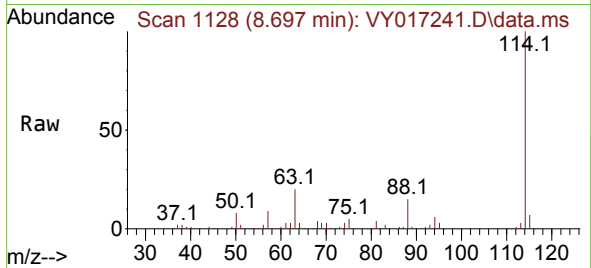




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017241.D
Acq: 05 Feb 2024 19:59

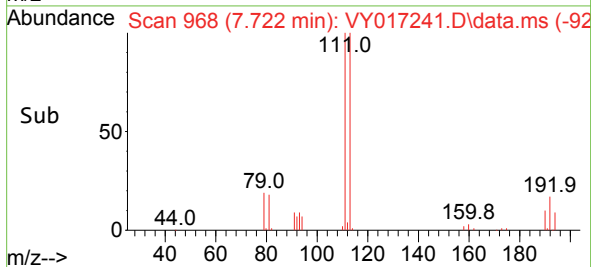
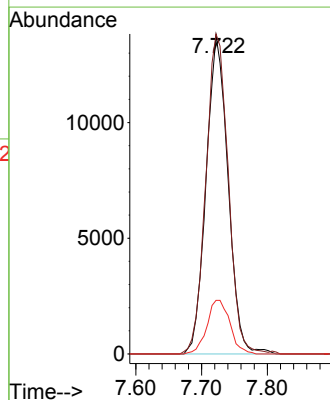
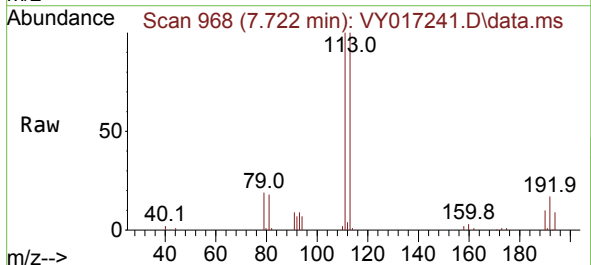
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ClientSampleId :
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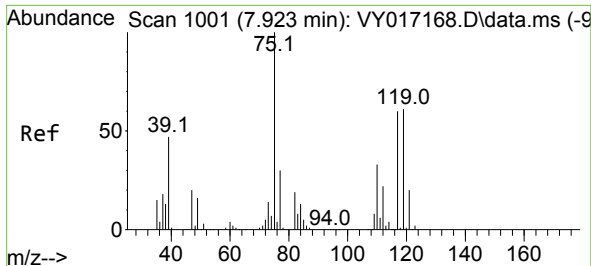
Tgt Ion:114 Resp: 133505
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 14.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 44.276 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017241.D
Acq: 05 Feb 2024 19:59

Tgt Ion:113 Resp: 31916
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 17.7 14.5 21.7

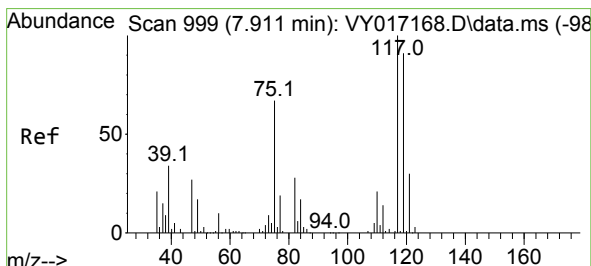
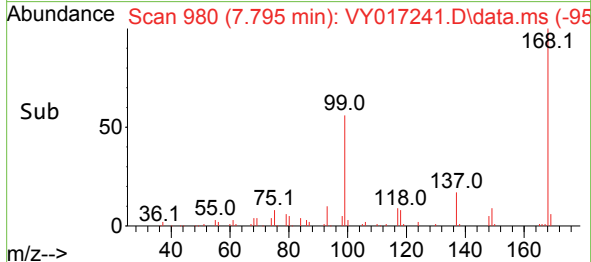
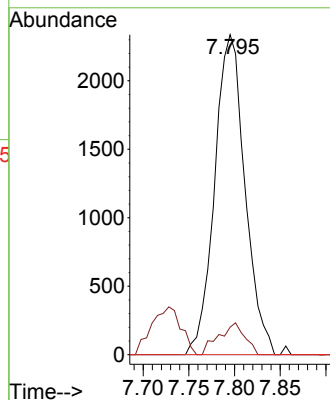
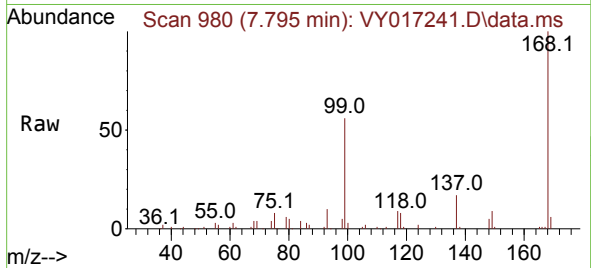




#36
 1,1-Dichloropropene
 Concen: 4.346 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY017241.D
 Acq: 05 Feb 2024 19:59

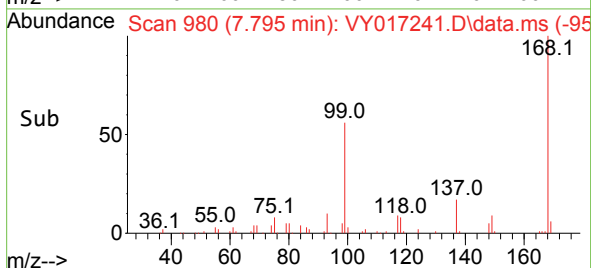
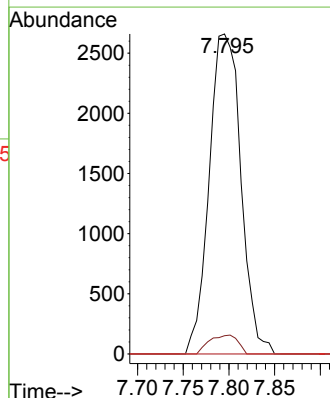
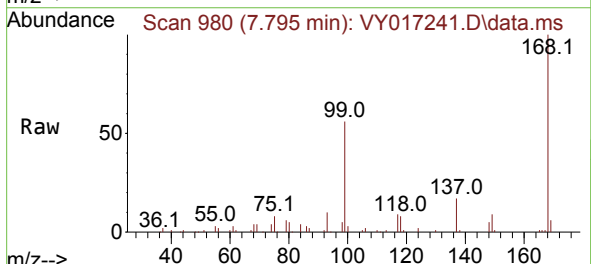
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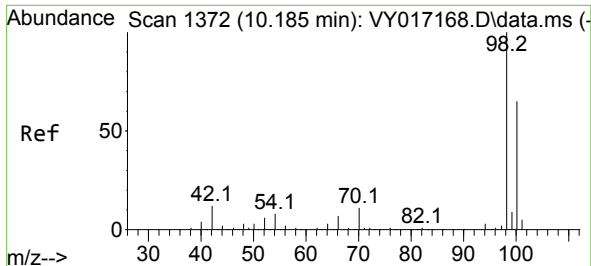
Tgt Ion: 75 Resp: 5404
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.397 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.115 min
 Lab File: VY017241.D
 Acq: 05 Feb 2024 19:59

Tgt Ion: 117 Resp: 6425
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.0 114.0#
 121 0.0 24.2 36.2#

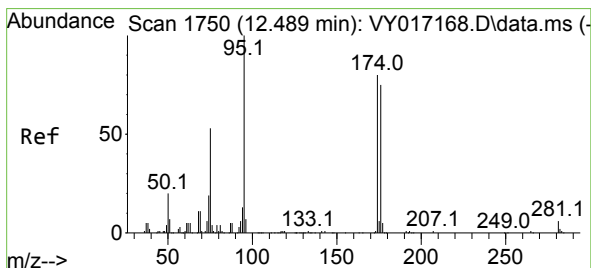
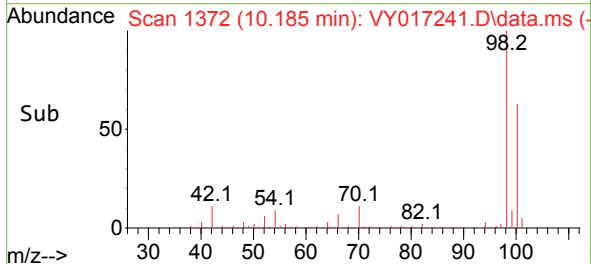
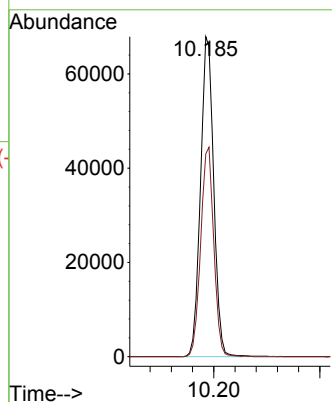
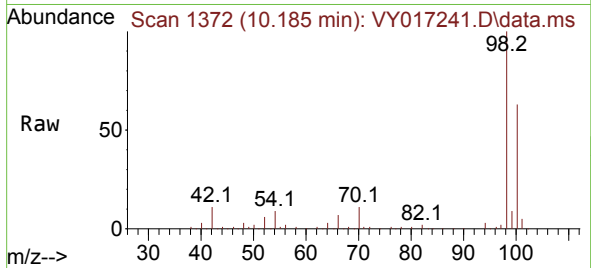




#50
Toluene-d8
Concen: 44.630 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017241.D
Acq: 05 Feb 2024 19:59

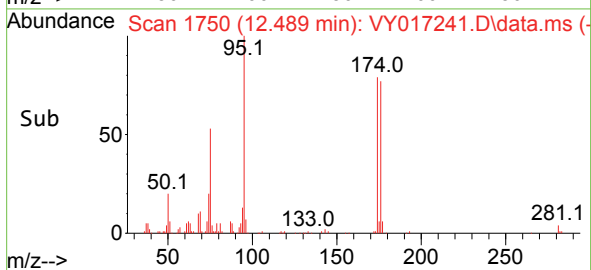
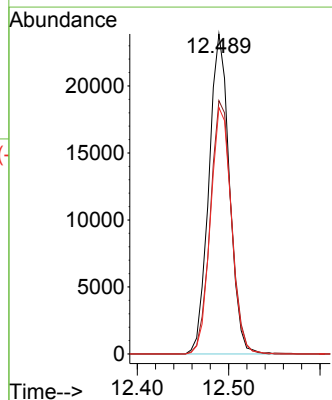
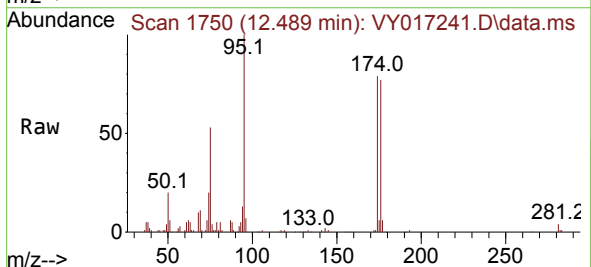
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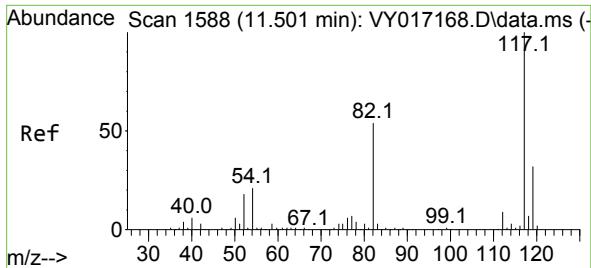
Tgt Ion: 98 Resp: 117133
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.299 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017241.D
Acq: 05 Feb 2024 19:59

Tgt Ion: 95 Resp: 37226
Ion Ratio Lower Upper
95 100
174 81.3 0.0 160.0
176 78.4 0.0 151.8

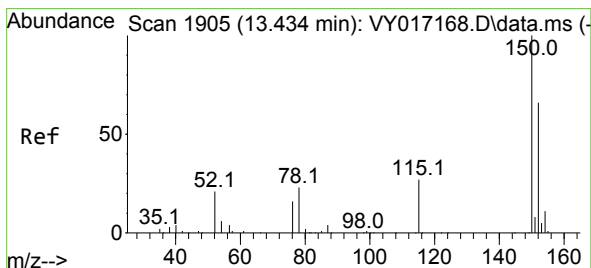
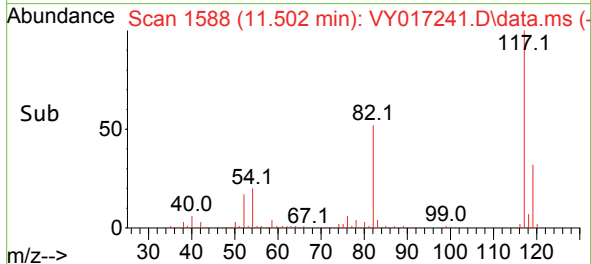
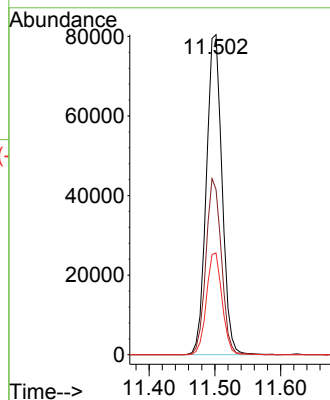
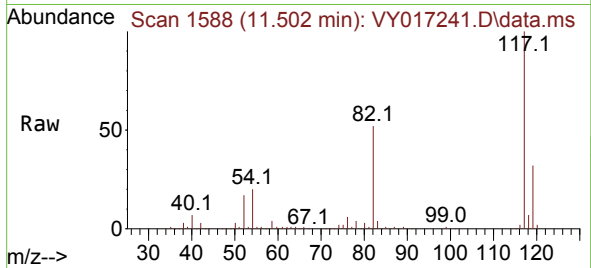




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017241.D
Acq: 05 Feb 2024 19:59

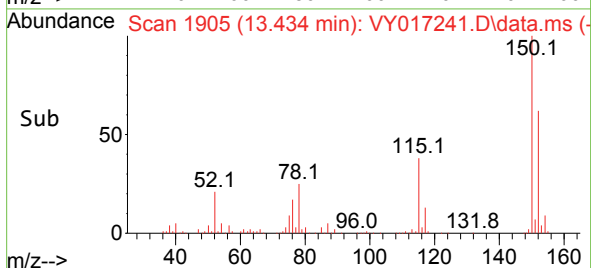
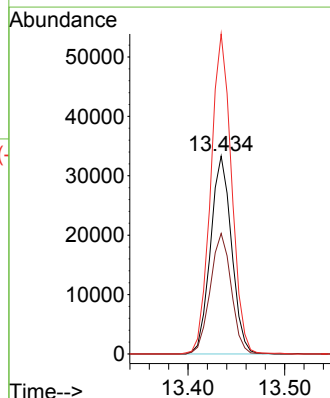
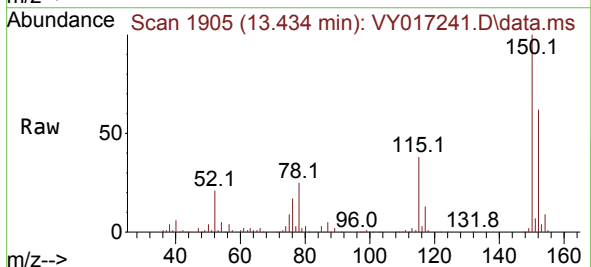
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-020224

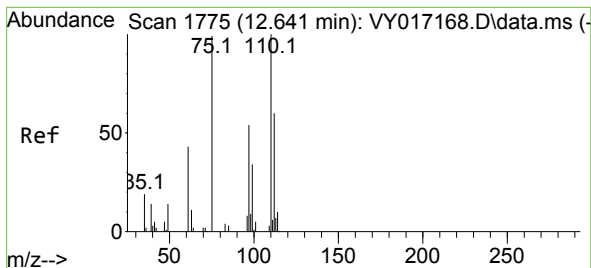
Tgt Ion:117 Resp: 133571
Ion Ratio Lower Upper
117 100
82 51.6 43.8 65.8
119 31.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017241.D
Acq: 05 Feb 2024 19:59

Tgt Ion:152 Resp: 50411
Ion Ratio Lower Upper
152 100
115 60.7 30.0 90.0
150 160.2 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 42.241 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017241.D

Acq: 05 Feb 2024 19:59

Instrument :

MSVOA_Y

ClientSampleId :

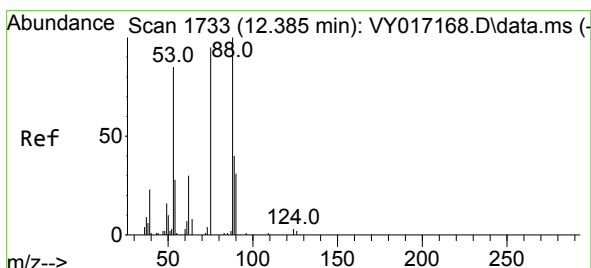
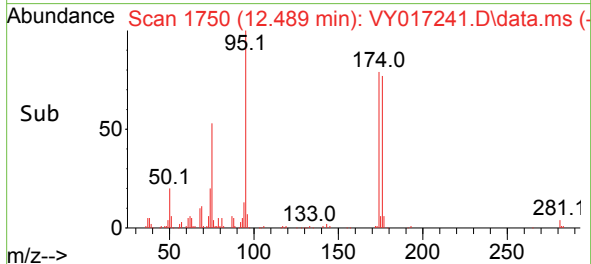
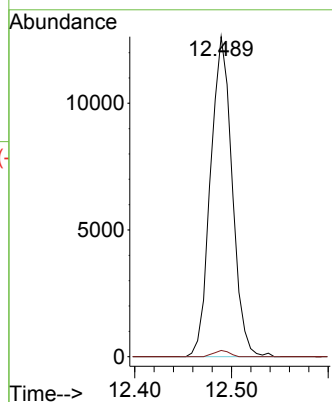
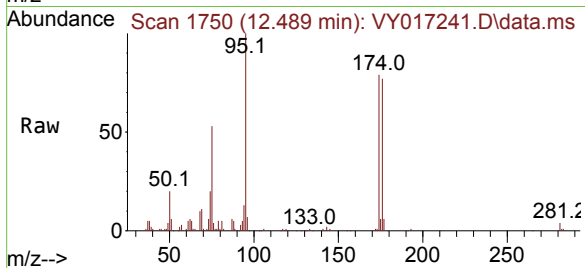
OR-3-020224

Tgt Ion: 75 Resp: 19654

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.771 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017241.D

Acq: 05 Feb 2024 19:59

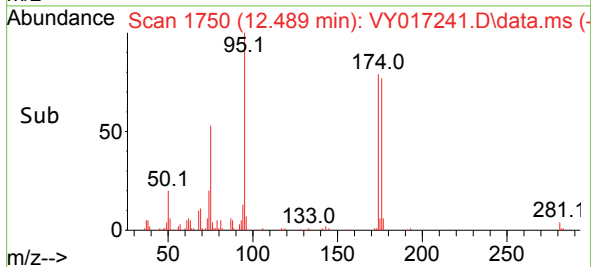
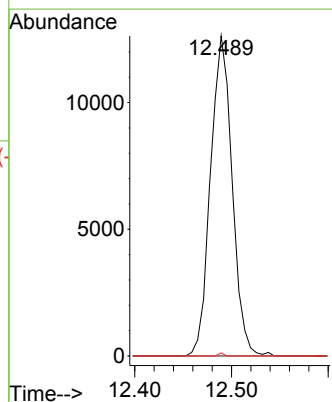
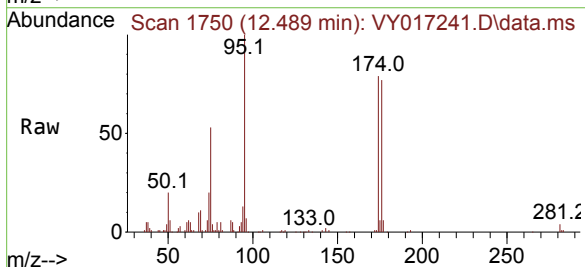
Tgt Ion: 75 Resp: 19654

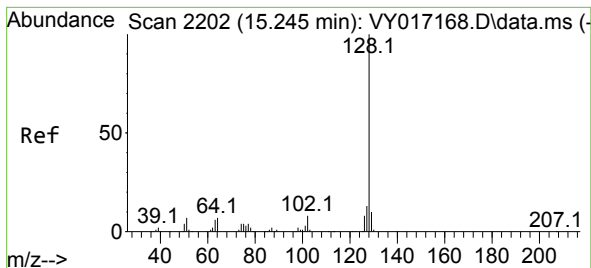
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.2 36.5 54.7#





#95

Naphthalene

Concen: 3.657 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017241.D

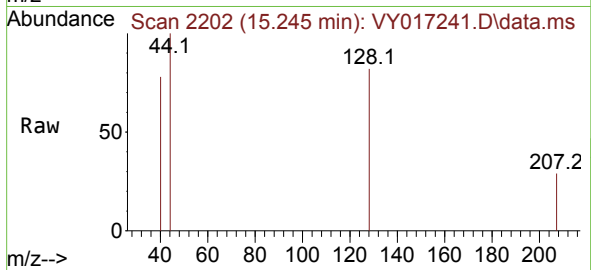
Acq: 05 Feb 2024 19:59

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-020224



Tgt Ion:128 Resp: 335

Ion Ratio Lower Upper

128 100

127 6.6 10.2 15.4#

129 0.0 8.6 12.8#

