

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017193.D
 Acq On : 02 Feb 2024 18:46
 Operator : SY/MD
 Sample : P1296-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-013024

Quant Time: Feb 02 22:33:55 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)

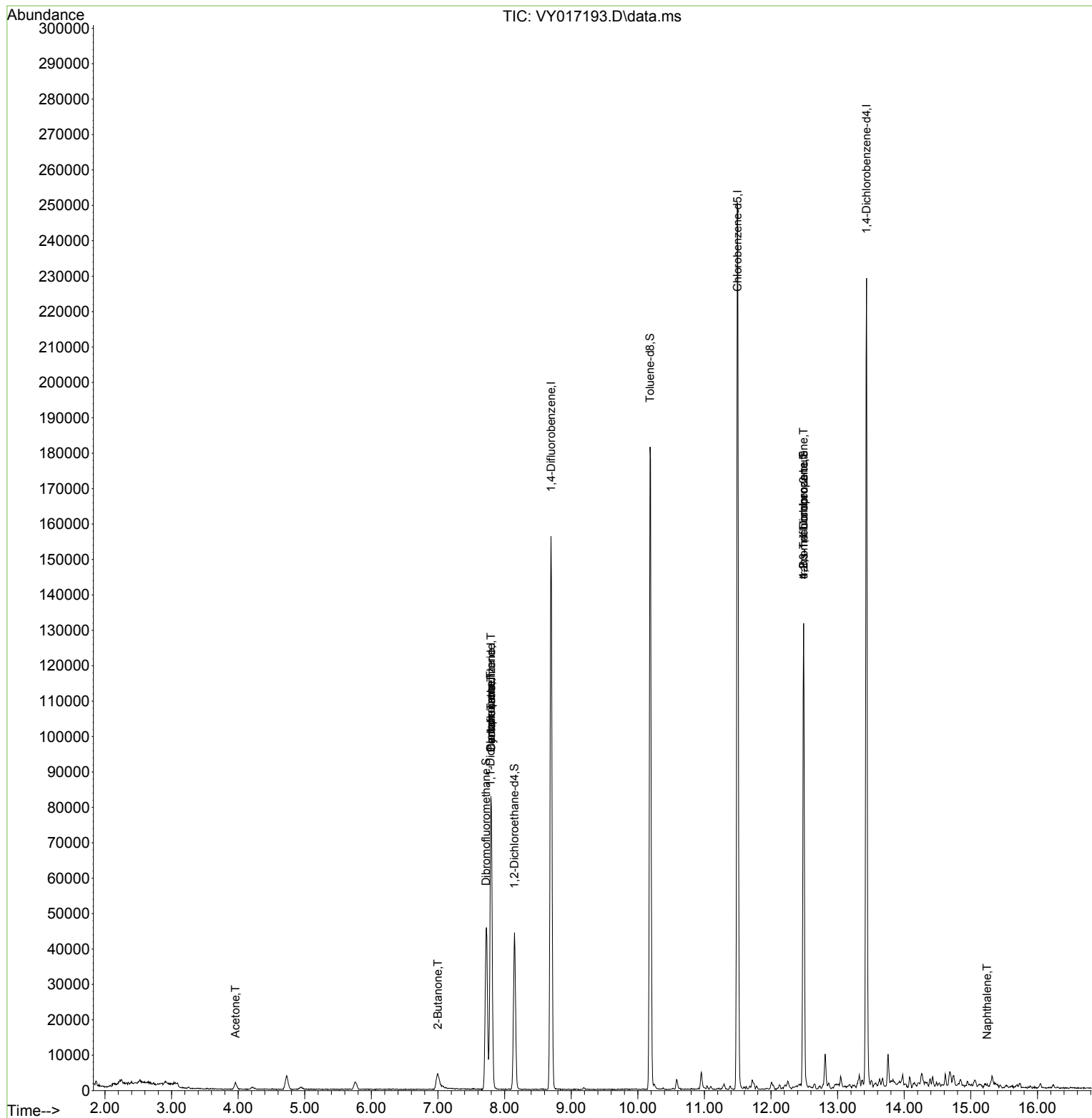
Internal Standards						
1) Pentafluorobenzene	7.795	168	64107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	134699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	136855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	55377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	32978	57.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.160%
35) Dibromofluoromethane	7.722	113	34125	46.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.840%
50) Toluene-d8	10.185	98	119121	44.985	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.980%
62) 4-Bromofluorobenzene	12.489	95	40948	47.206	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	624	Below Cal	#	75
16) Acetone	3.960	43	3148	18.702	ug/l #	86
25) 2-Butanone	6.996	43	370	1.654	ug/l #	48
31) Cyclohexane	7.795	56	1659	1.437	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5740	4.575	ug/l #	48
38) Carbon Tetrachloride	7.795	117	6381	5.312	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	21323	41.718	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	21323	86.685	ug/l #	12
95) Naphthalene	15.245	128	253	3.584	ug/l #	69

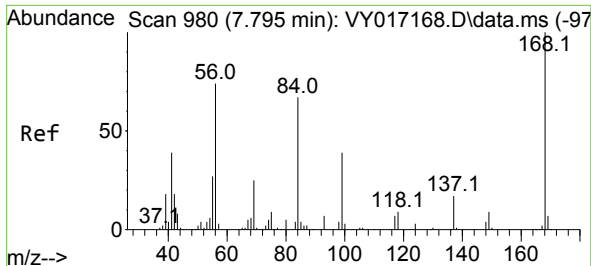
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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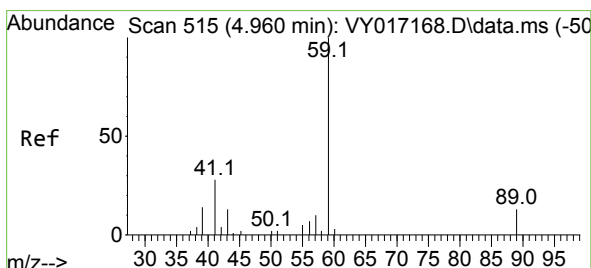
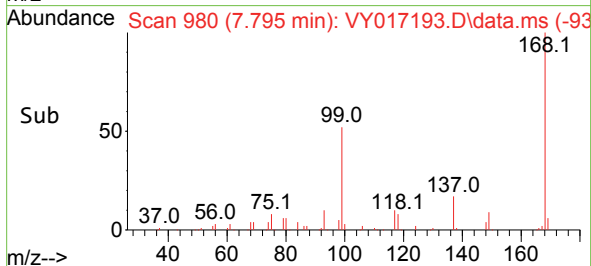
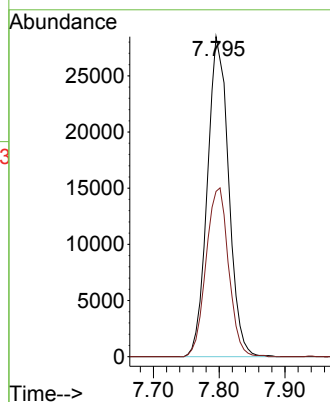
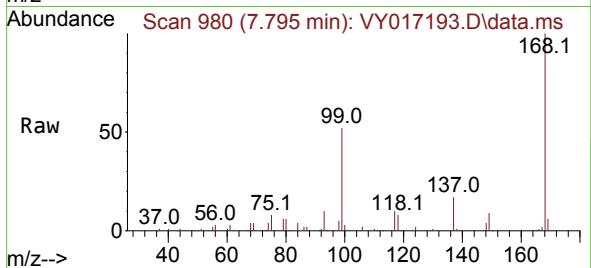




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

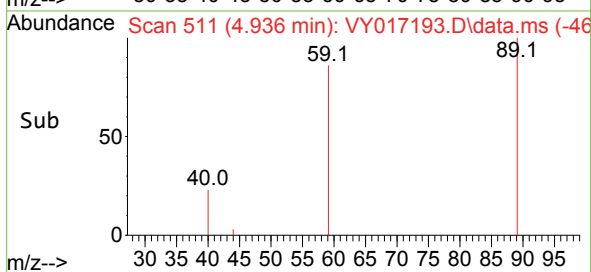
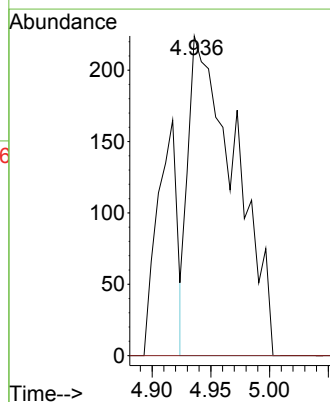
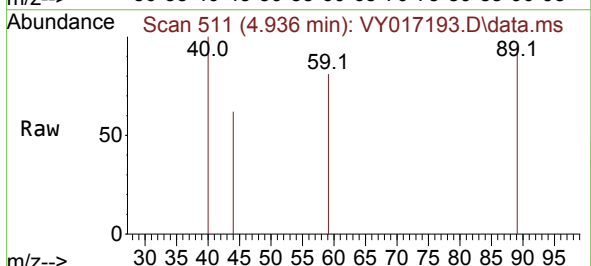
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

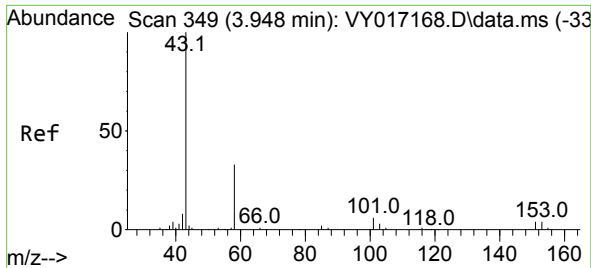
Tgt Ion:168 Resp: 64107
Ion Ratio Lower Upper
168 100
99 51.7 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

Tgt Ion: 59 Resp: 624
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 18.702 ug/l

RT: 3.960 min Scan# 3148

Delta R.T. 0.013 min

Lab File: VY017193.D

Acq: 02 Feb 2024 18:46

Instrument :

MSVOA_Y

ClientSampleId :

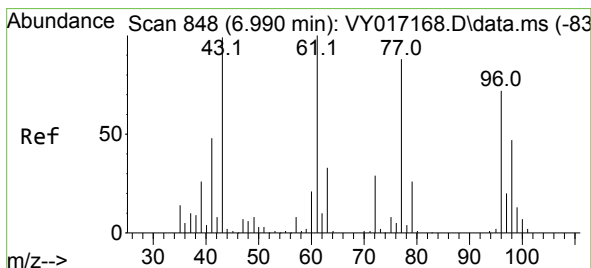
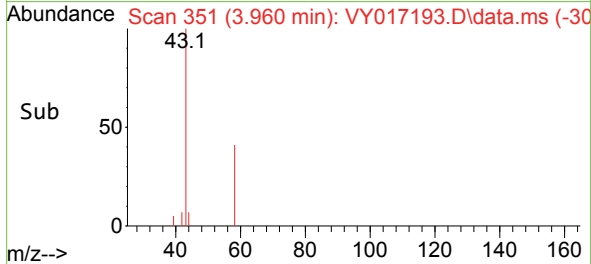
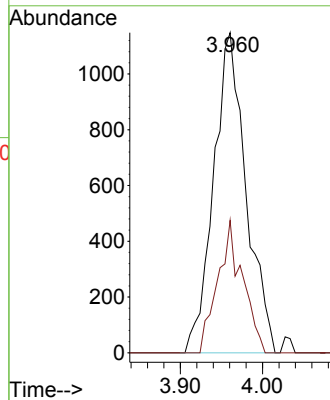
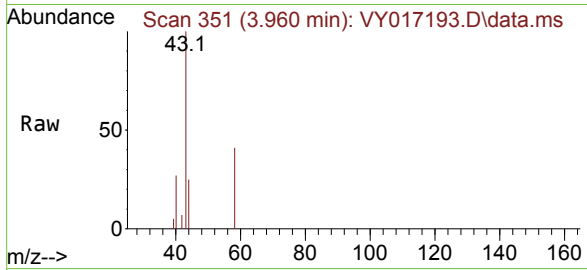
EO-01-013024

Tgt Ion: 43 Resp: 3148

Ion Ratio Lower Upper

43 100

58 41.4 26.6 39.8#



#25

2-Butanone

Concen: 1.654 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017193.D

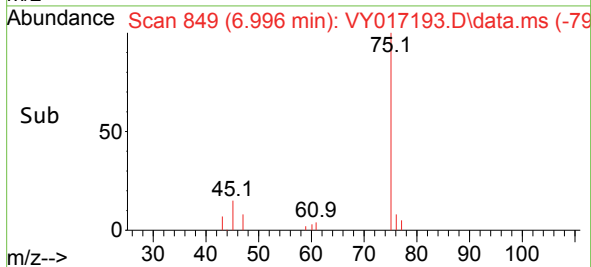
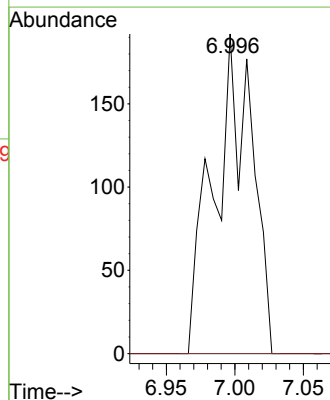
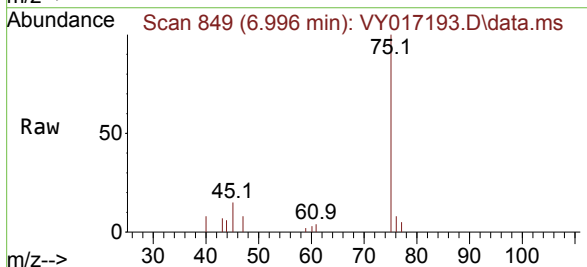
Acq: 02 Feb 2024 18:46

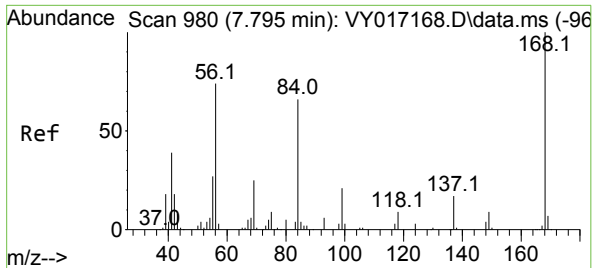
Tgt Ion: 43 Resp: 370

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#

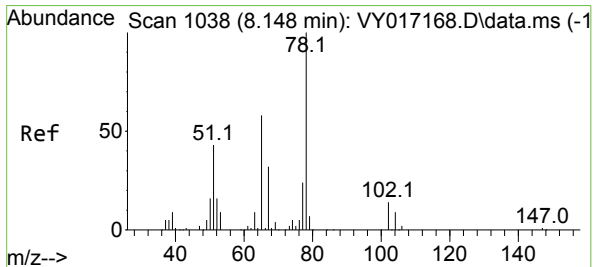
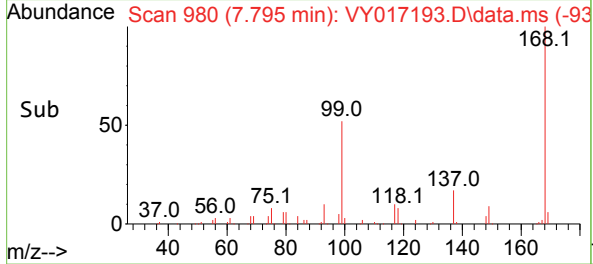
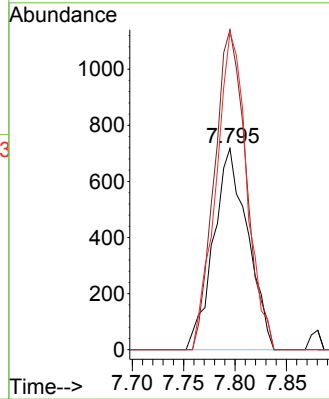
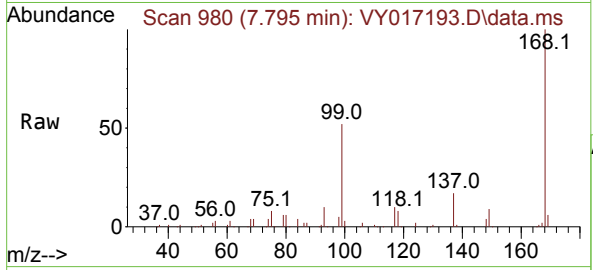




#31
Cyclohexane
Concen: 1.437 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

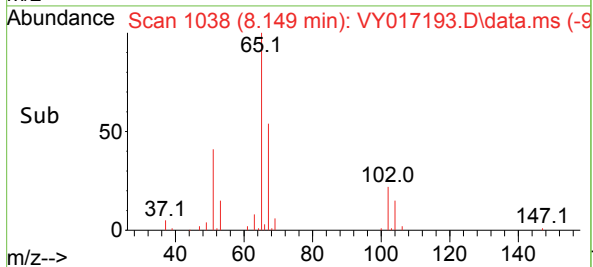
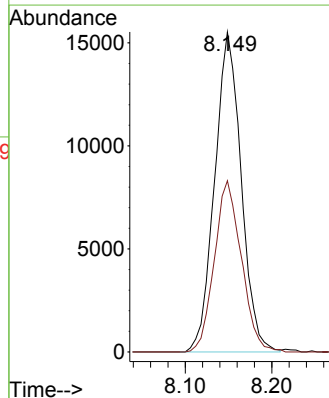
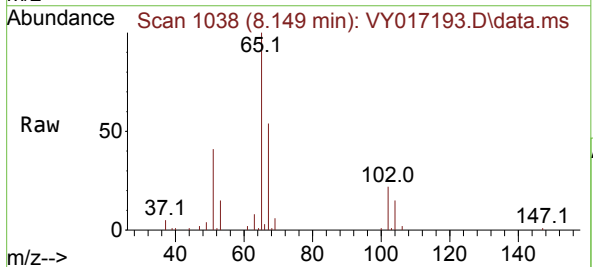
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

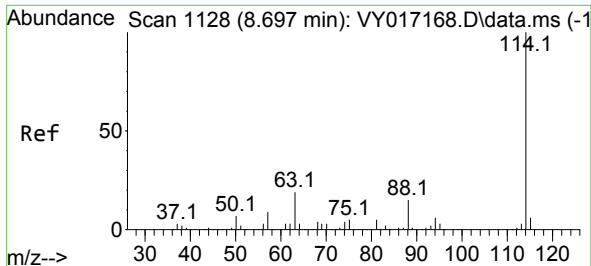
Tgt Ion: 56 Resp: 1659
Ion Ratio Lower Upper
56 100
69 158.9 27.0 40.6#
84 157.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 57.584 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

Tgt Ion: 65 Resp: 32978
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0

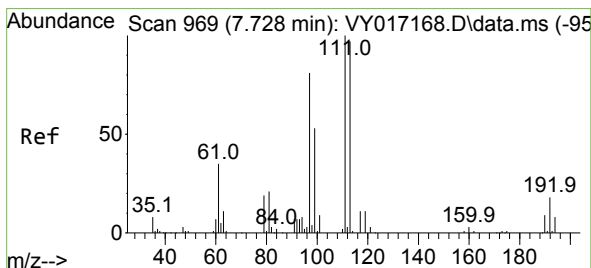
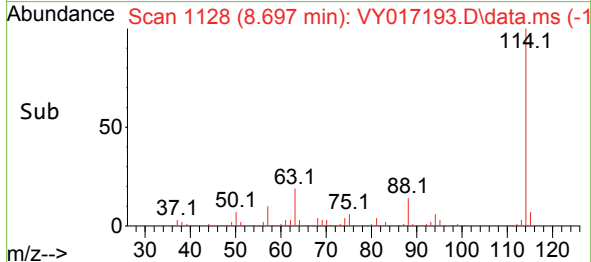
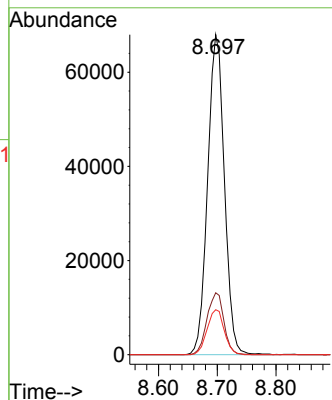
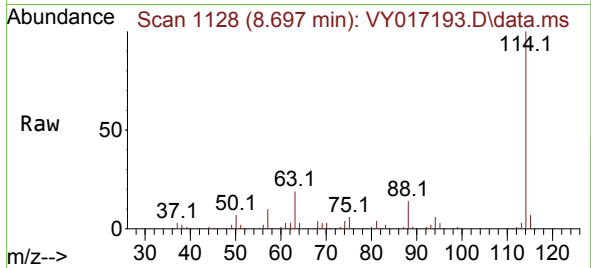




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

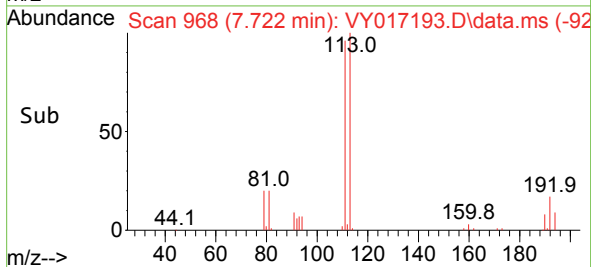
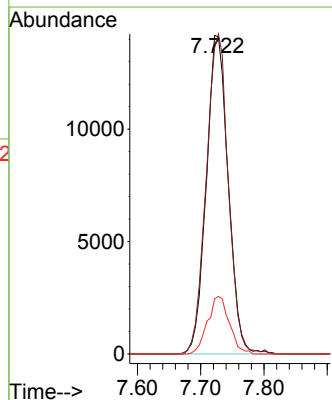
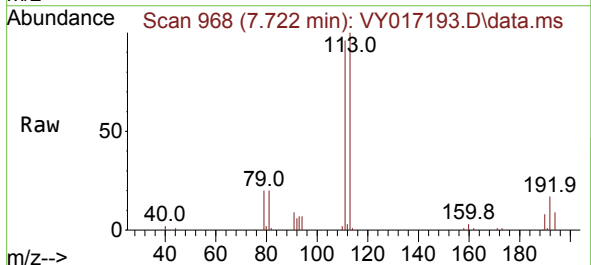
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

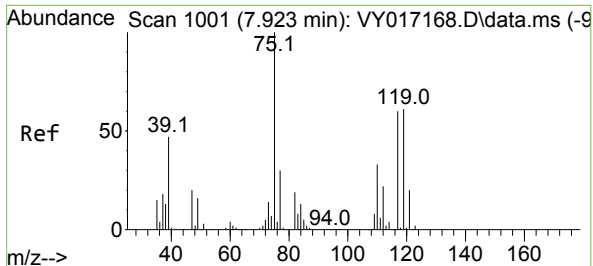
Tgt Ion:114 Resp: 134699
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.4
88 14.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 46.921 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

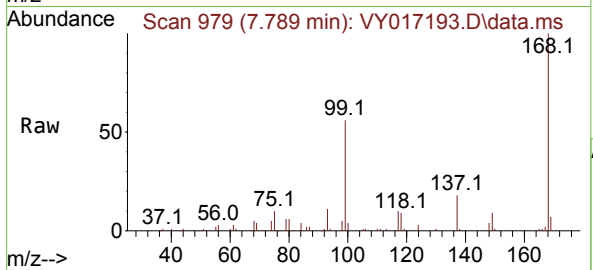
Tgt Ion:113 Resp: 34125
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 17.9 14.5 21.7



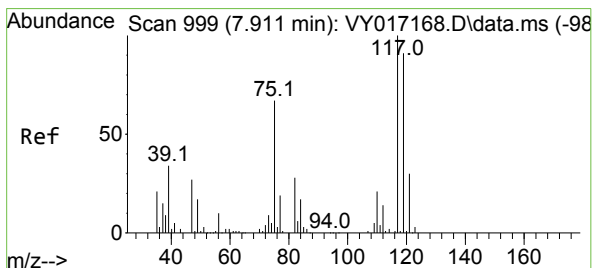
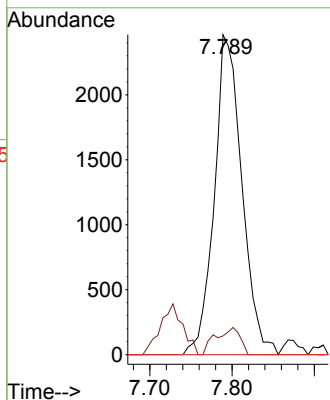
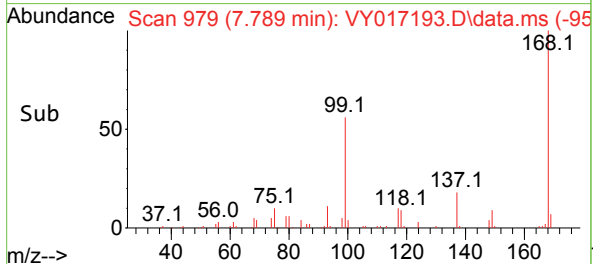


#36
1,1-Dichloropropene
Concen: 4.575 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

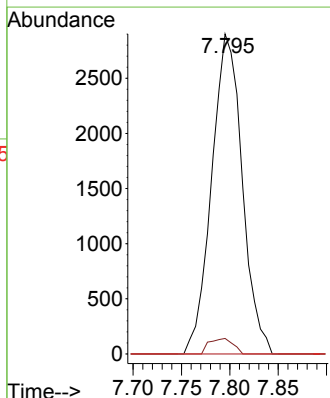
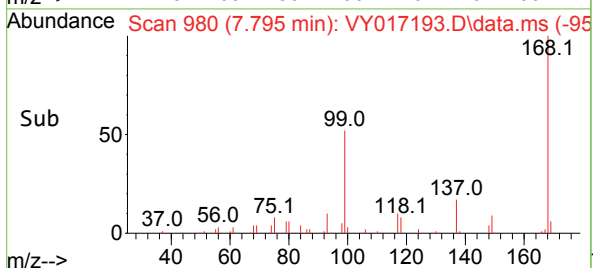
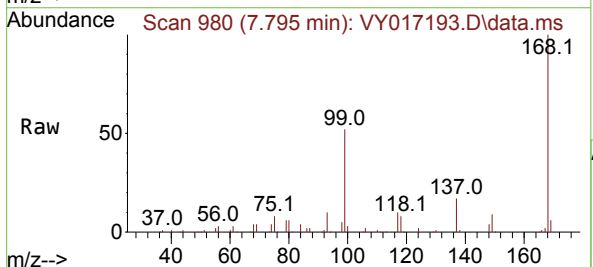


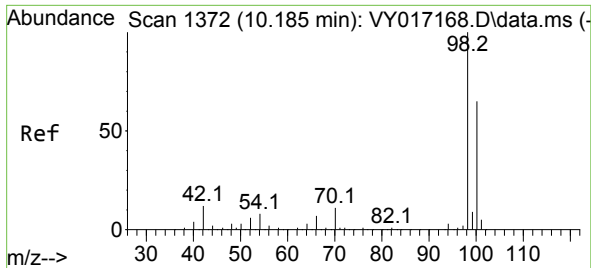
Tgt Ion: 75 Resp: 5740
Ion Ratio Lower Upper
75 100
110 7.5 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.312 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.115 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

Tgt Ion: 117 Resp: 6381
Ion Ratio Lower Upper
117 100
119 4.9 76.0 114.0#
121 0.0 24.2 36.2#

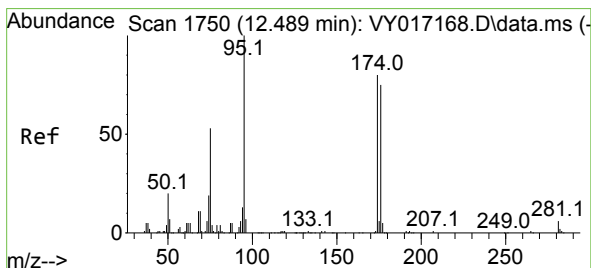
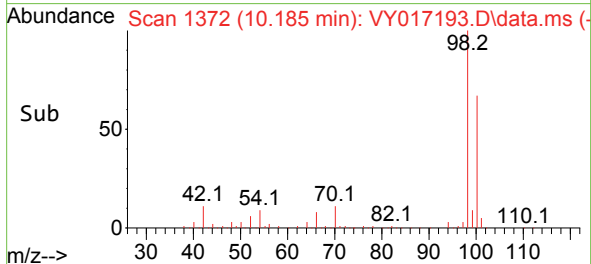
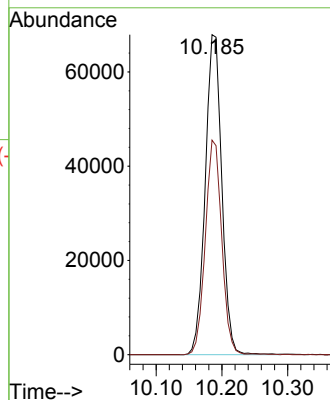
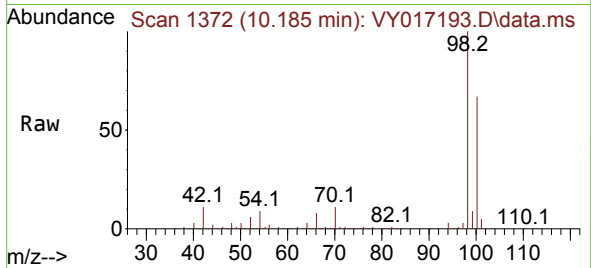




#50
Toluene-d8
Concen: 44.985 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

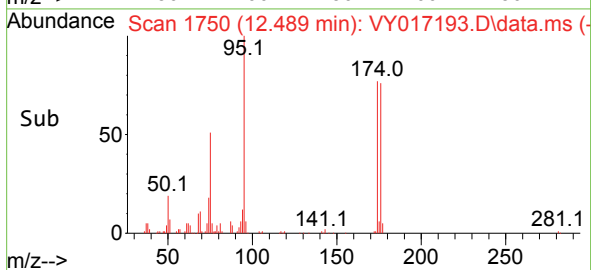
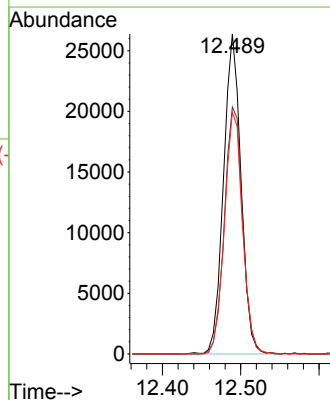
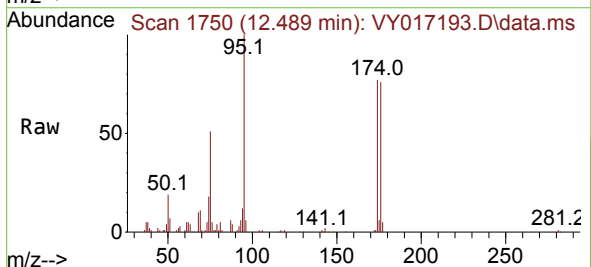
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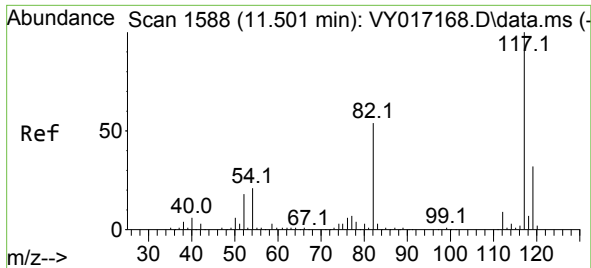
Tgt Ion: 98 Resp: 119121
Ion Ratio Lower Upper
98 100
100 66.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.206 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

Tgt Ion: 95 Resp: 40948
Ion Ratio Lower Upper
95 100
174 80.5 0.0 160.0
176 77.8 0.0 151.8

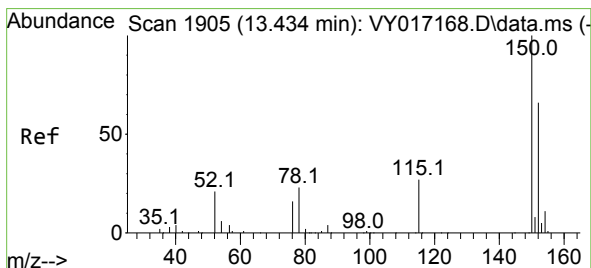
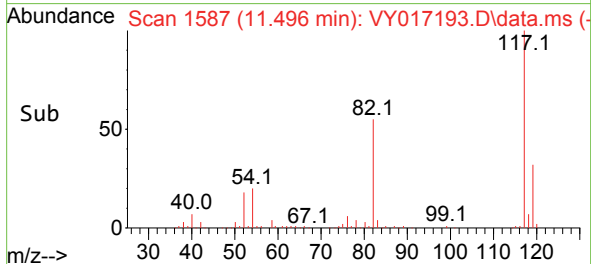
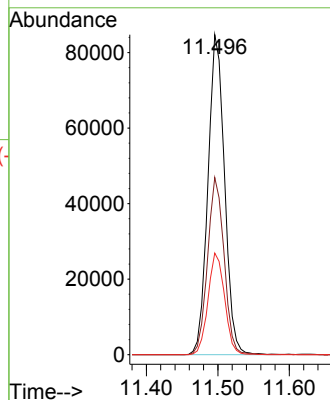
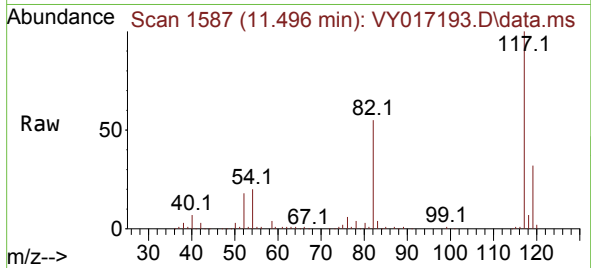




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

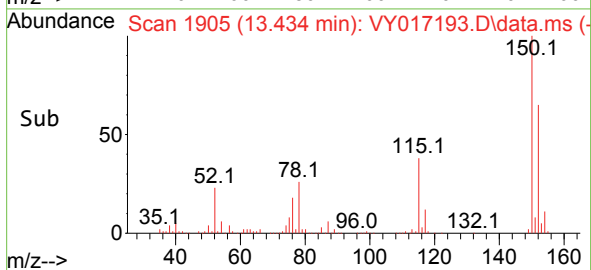
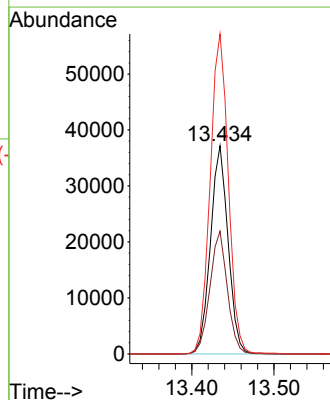
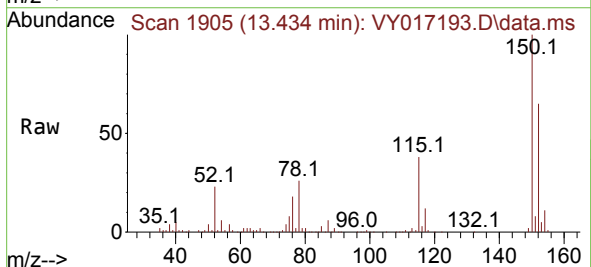
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

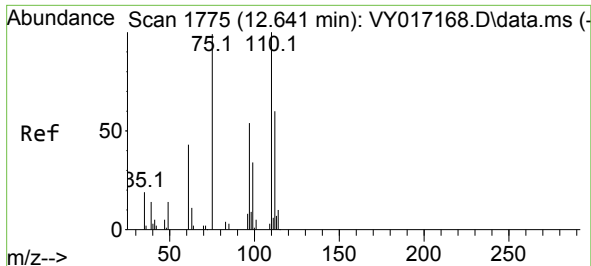
Tgt Ion:117 Resp: 136855
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 31.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

Tgt Ion:152 Resp: 55377
Ion Ratio Lower Upper
152 100
115 58.6 30.0 90.0
150 158.2 0.0 344.6

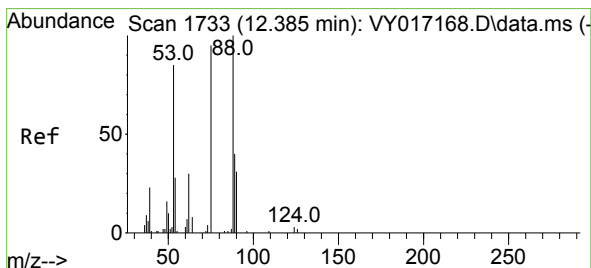
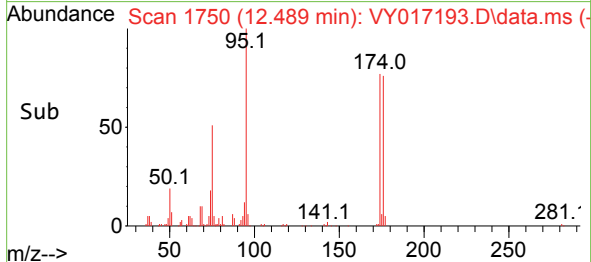
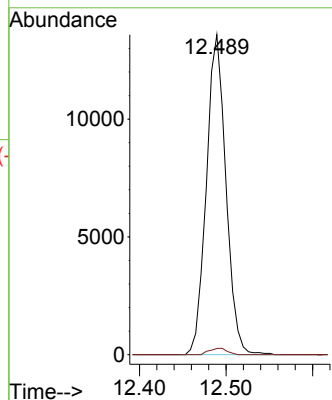
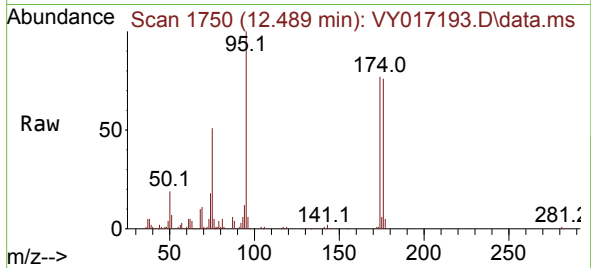




#76
1,2,3-Trichloropropane
Concen: 41.718 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

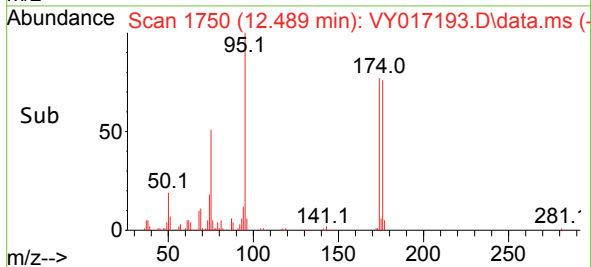
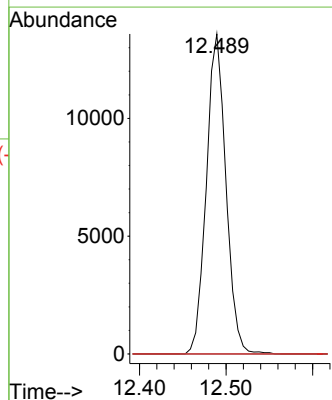
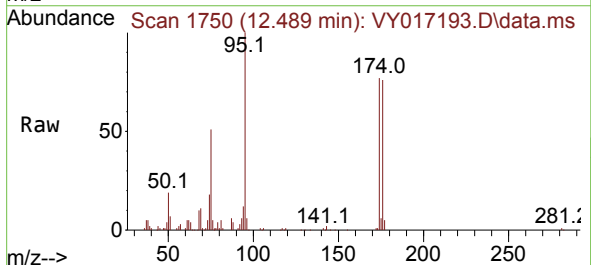
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024

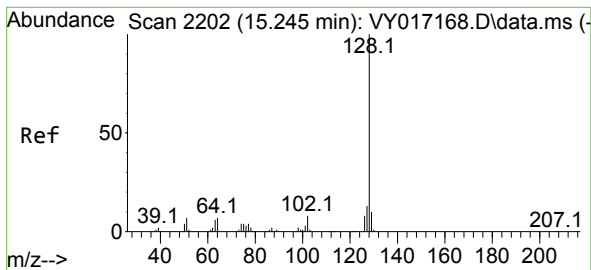
Tgt Ion: 75 Resp: 21323
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.685 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

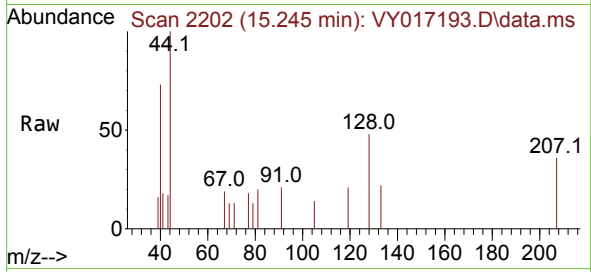
Tgt Ion: 75 Resp: 21323
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.584 ug/l
RT: 15.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017193.D
Acq: 02 Feb 2024 18:46

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-013024



Tgt Ion:128 Resp: 253
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

