

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017497.D
 Acq On : 27 Feb 2024 15:30
 Operator : SY/MD
 Sample : P1564-19RE
 Misc : 3.52g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-18RE

Quant Time: Feb 28 00:17:00 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)

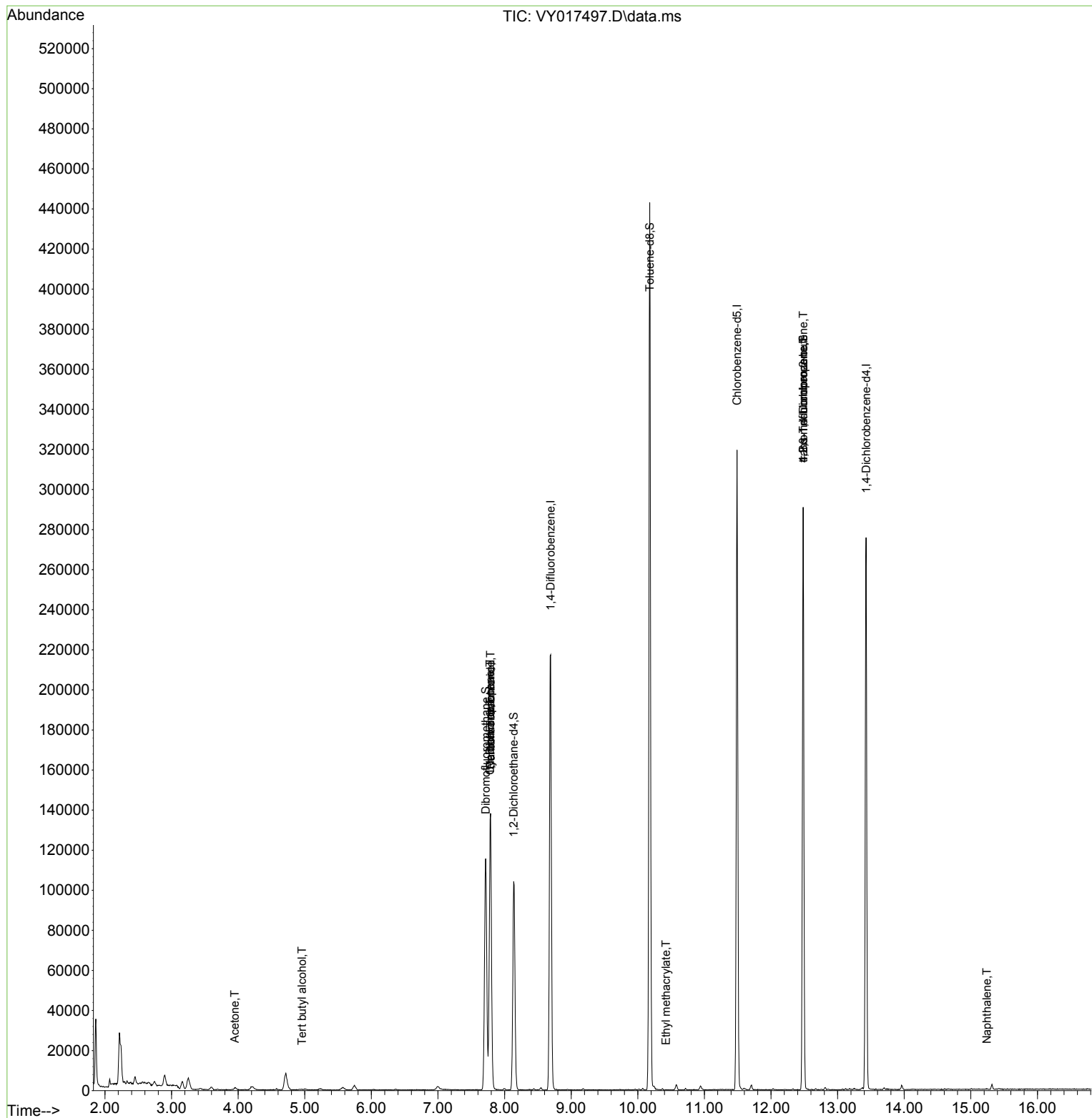
Internal Standards						
1) Pentafluorobenzene	7.789	168	113481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	179566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77429	71.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.980%	
35) Dibromofluoromethane	7.716	113	82339	57.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.620%	
50) Toluene-d8	10.179	98	294036	59.049	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 118.100%	
62) 4-Bromofluorobenzene	12.483	95	84571	54.042	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	275	3.010	ug/l #	88
16) Acetone	3.948	43	1911	9.161	ug/l	89
20) Methylene Chloride	4.704	84	6663	Below Cal	#	84
31) Cyclohexane	7.783	56	2103	1.202	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7988	4.157	ug/l #	47
38) Carbon Tetrachloride	7.789	117	10248	5.321	ug/l #	17
56) Ethyl methacrylate	10.423	69	26	2.555	ug/l #	33
76) 1,2,3-Trichloropropane	12.483	75	40884	57.457	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40884	132.023	ug/l #	16
95) Naphthalene	15.239	128	380	4.064	ug/l #	69

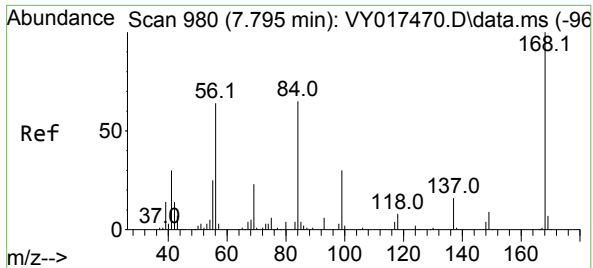
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

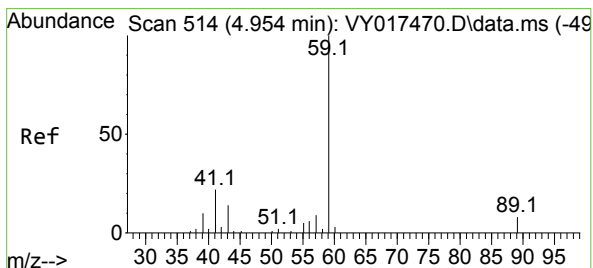
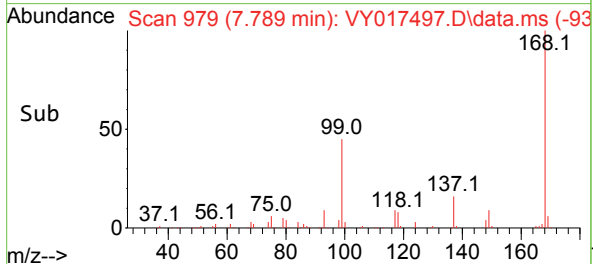
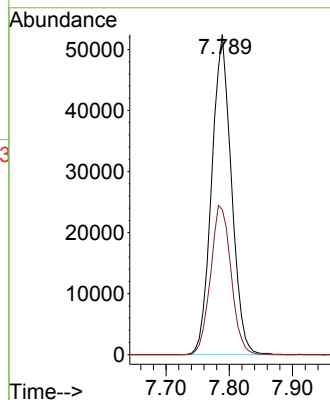
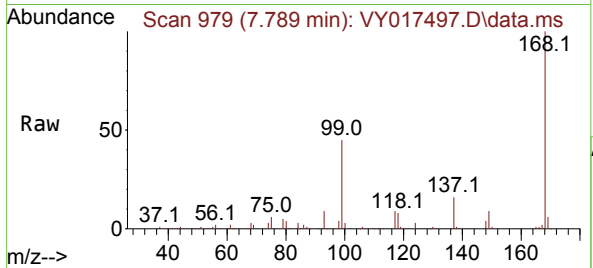




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017497.D
Acq: 27 Feb 2024 15:30

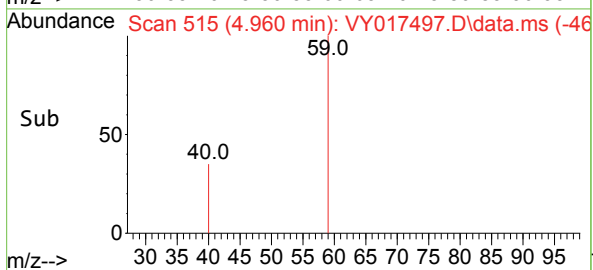
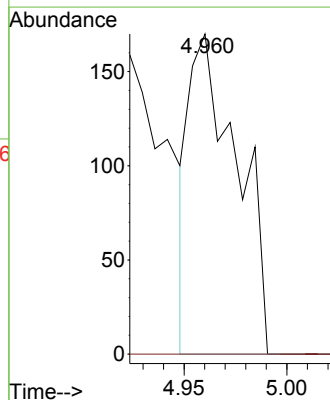
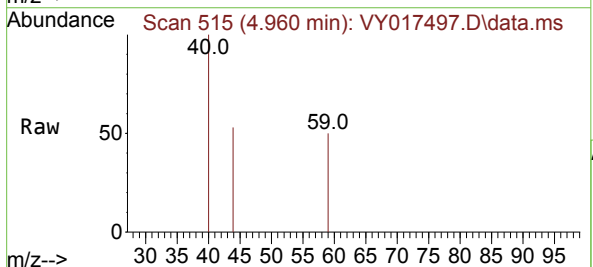
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-18RE

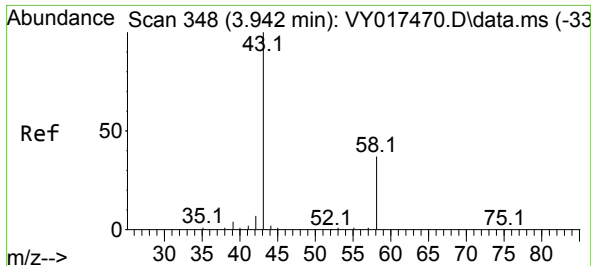
Tgt Ion:168 Resp: 113481
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#11
Tert butyl alcohol
Concen: 3.010 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY017497.D
Acq: 27 Feb 2024 15:30

Tgt Ion: 59 Resp: 275
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 9.161 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY017497.D

Acq: 27 Feb 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

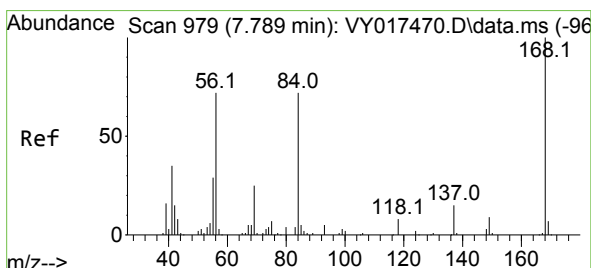
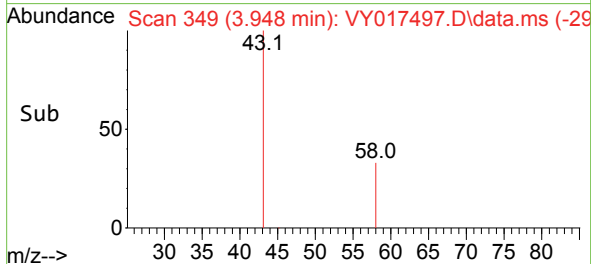
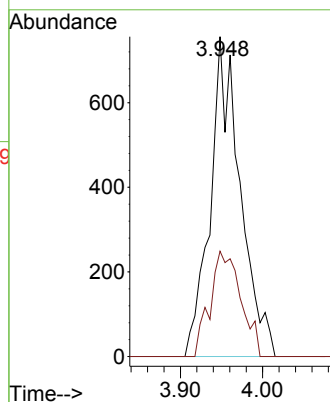
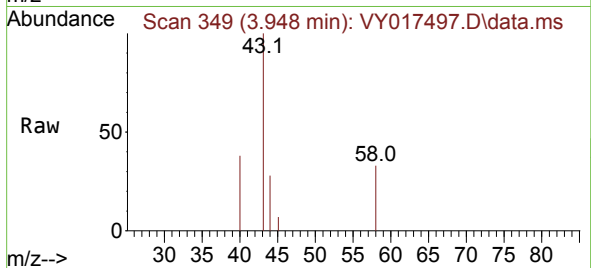
LKWD-BACKFILL-18RE

Tgt Ion: 43 Resp: 1911

Ion Ratio Lower Upper

43 100

58 32.9 31.7 47.5



#31

Cyclohexane

Concen: 1.202 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY017497.D

Acq: 27 Feb 2024 15:30

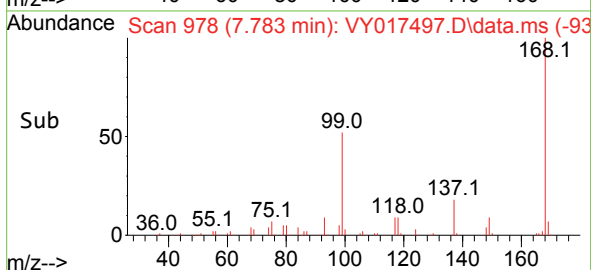
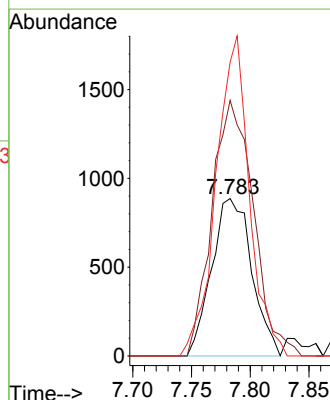
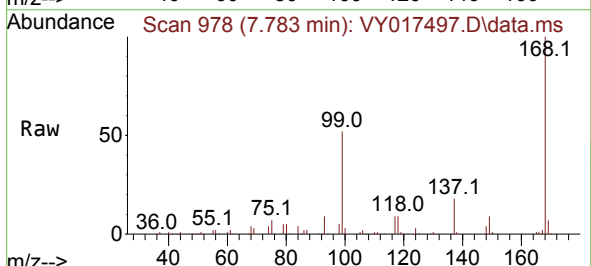
Tgt Ion: 56 Resp: 2103

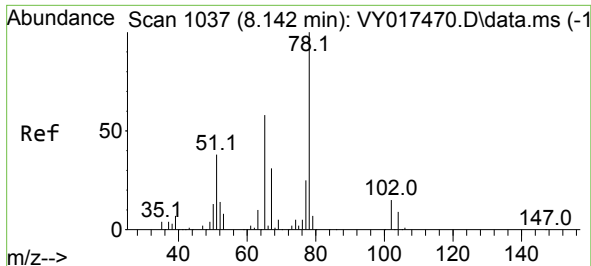
Ion Ratio Lower Upper

56 100

69 162.2 28.7 43.1#

84 186.5 77.7 116.5#

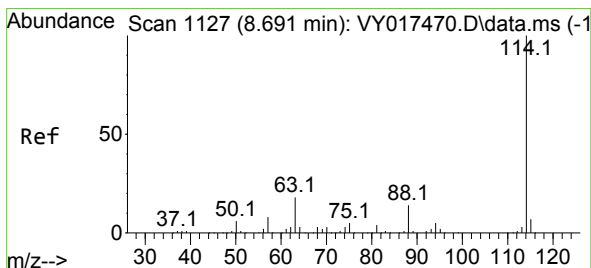
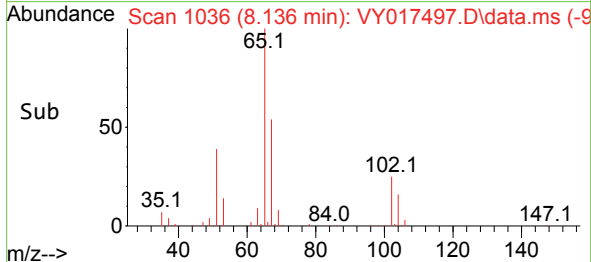
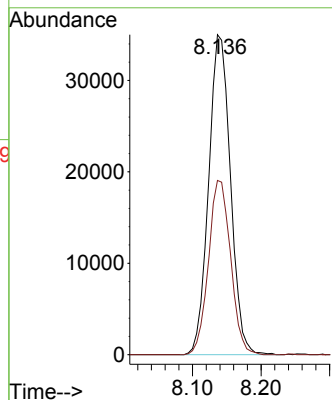
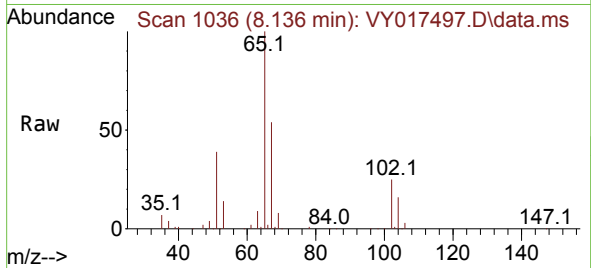




#33
1,2-Dichloroethane-d4
Concen: 71.994 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017497.D
Acq: 27 Feb 2024 15:30

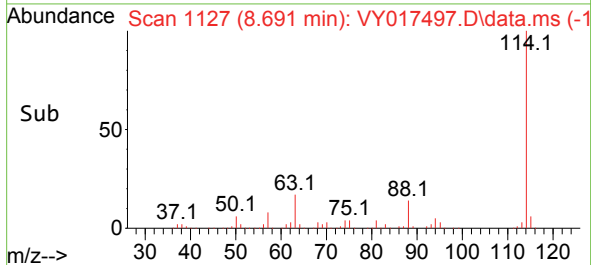
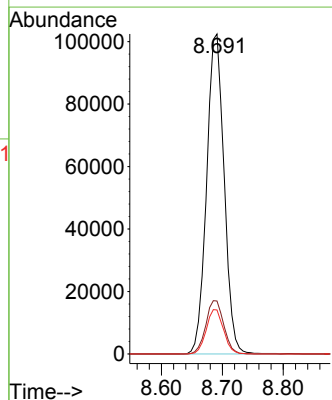
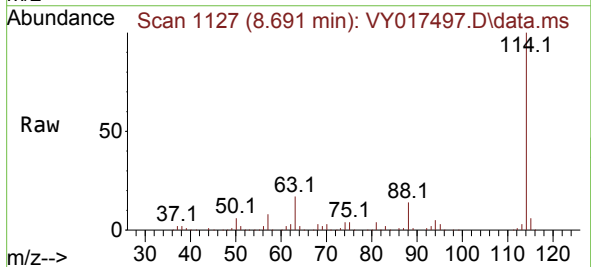
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-18RE

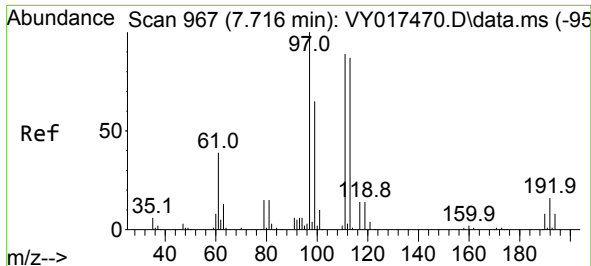
Tgt Ion: 65 Resp: 77429
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017497.D
Acq: 27 Feb 2024 15:30

Tgt Ion:114 Resp: 204381
Ion Ratio Lower Upper
114 100
63 16.6 0.0 35.0
88 13.7 0.0 27.2

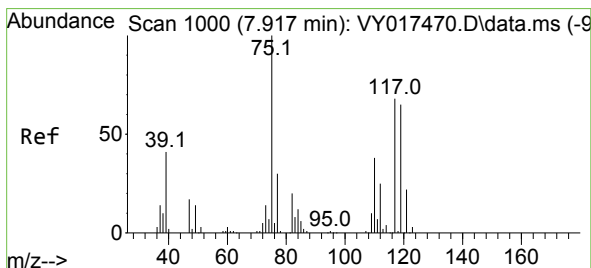
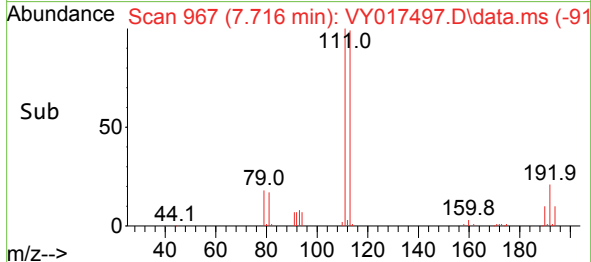
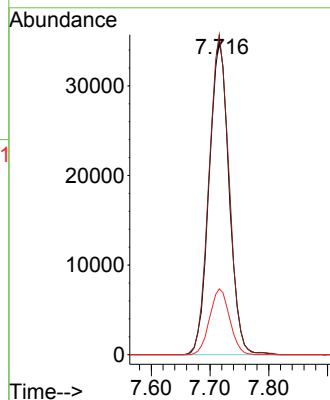
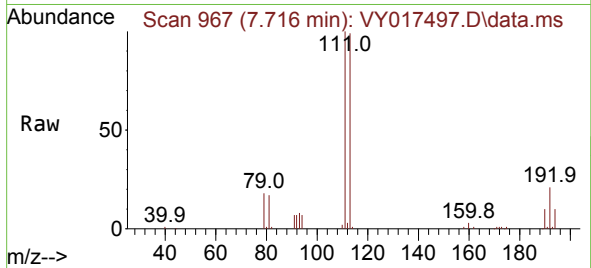




#35
Dibromofluoromethane
Concen: 57.815 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017497.D
Acq: 27 Feb 2024 15:30

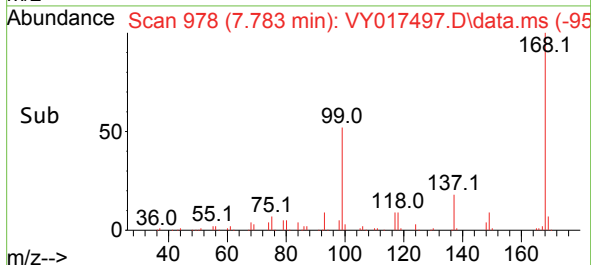
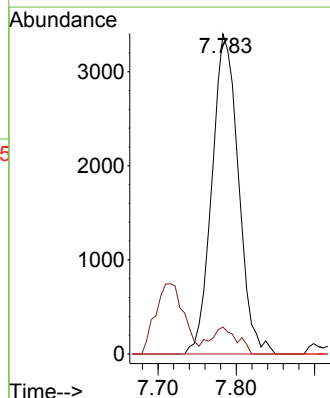
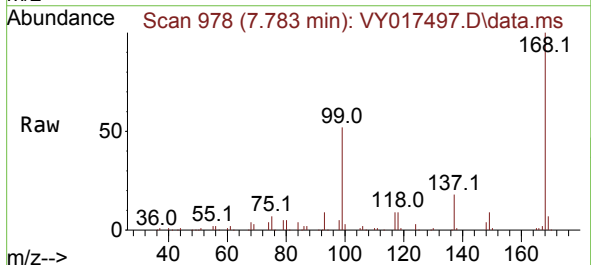
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-18RE

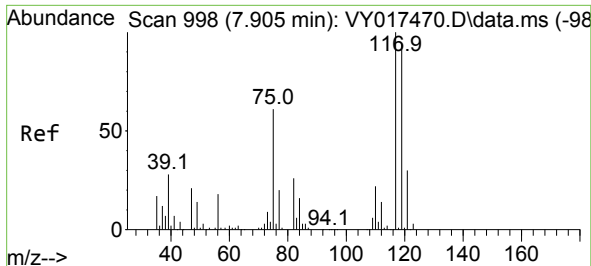
Tgt Ion:113 Resp: 82339
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 21.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.157 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017497.D
Acq: 27 Feb 2024 15:30

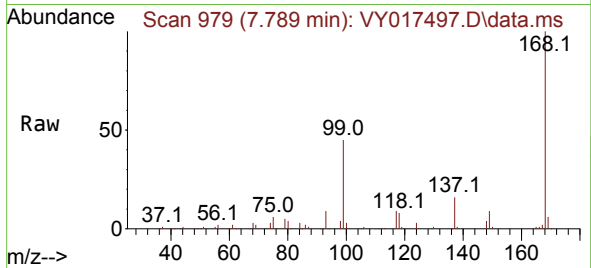
Tgt Ion: 75 Resp: 7988
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#



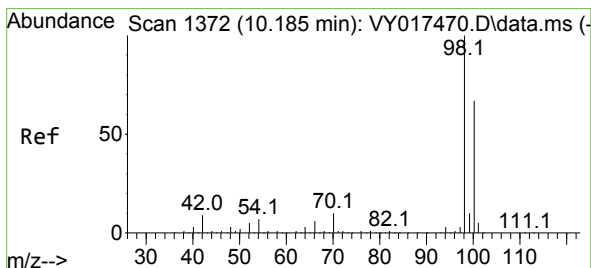
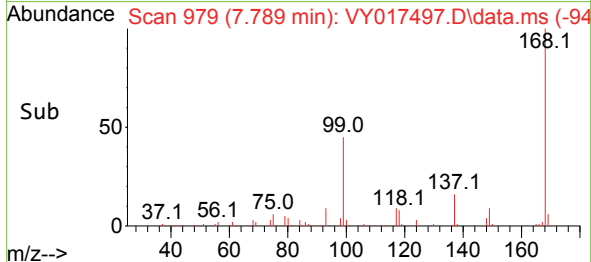
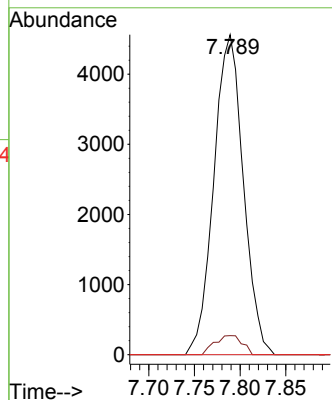


#38
Carbon Tetrachloride
Concen: 5.321 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017497.D
Acq: 27 Feb 2024 15:30

Instrument :
MSVOA_Y
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LKWD-BACKFILL-18RE

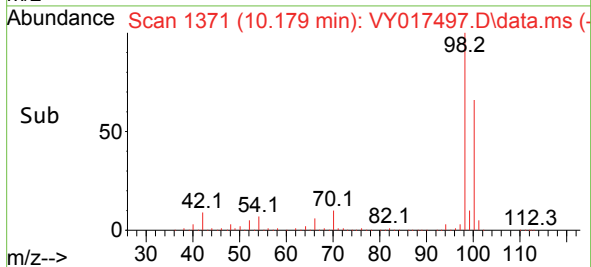
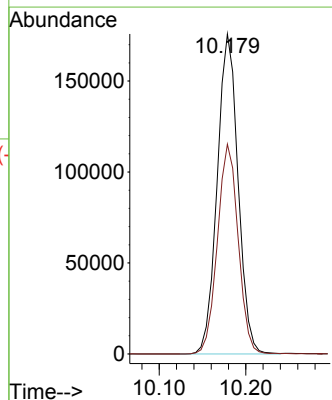
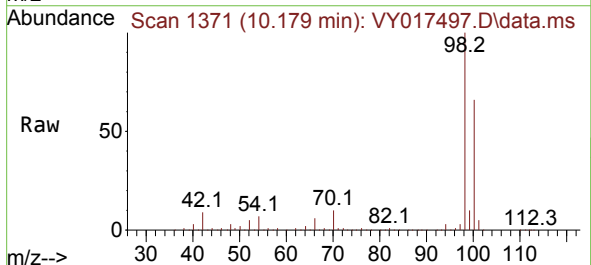


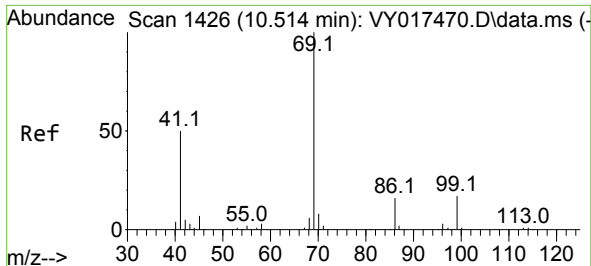
Tgt Ion:117 Resp: 10248
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 59.049 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017497.D
Acq: 27 Feb 2024 15:30

Tgt Ion: 98 Resp: 294036
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

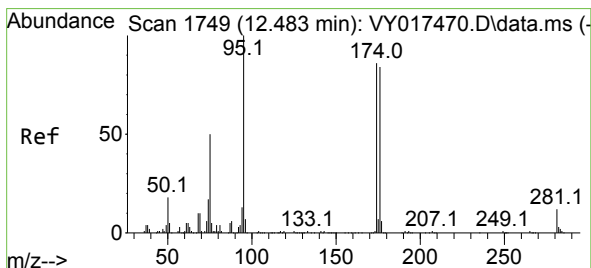
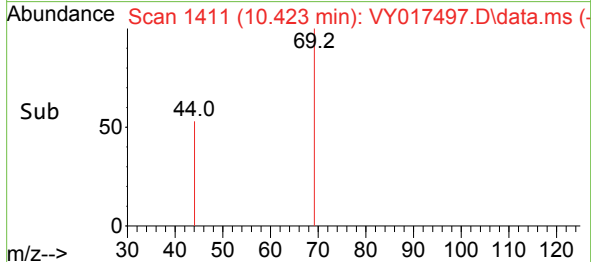
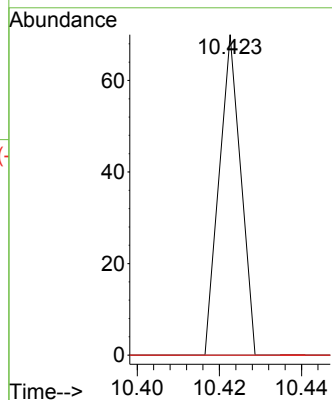
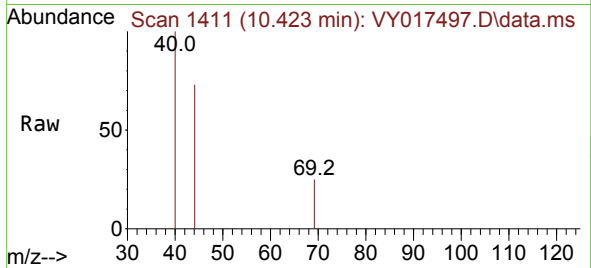




#56
Ethyl methacrylate
Concen: 2.555 ug/l
RT: 10.423 min Scan# 1411
Delta R.T. -0.091 min
Lab File: VY017497.D
Acq: 27 Feb 2024 15:30

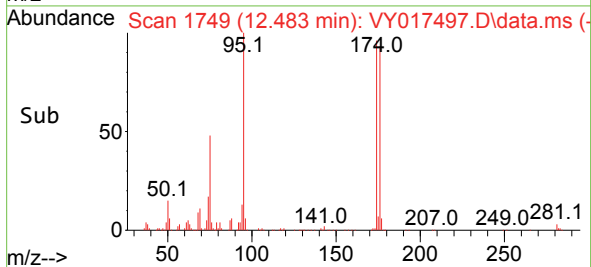
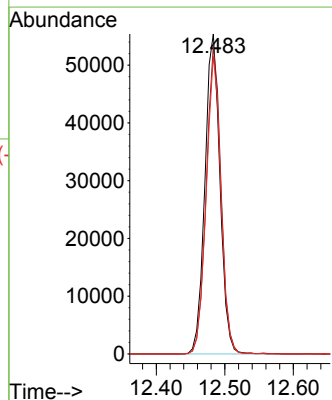
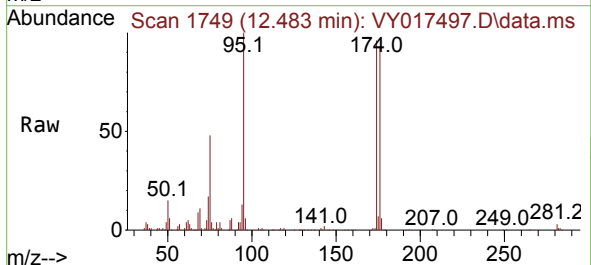
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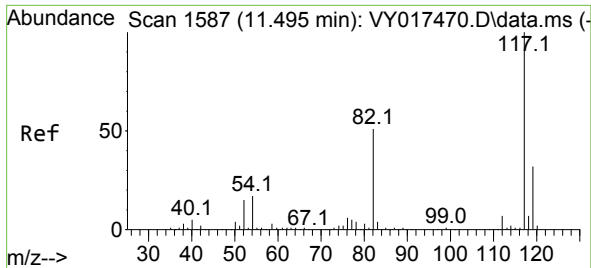
Tgt Ion: 69 Resp: 26
Ion Ratio Lower Upper
69 100
41 0.0 42.3 63.5#
39 0.0 22.9 34.3#



#62
4-Bromofluorobenzene
Concen: 54.042 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017497.D
Acq: 27 Feb 2024 15:30

Tgt Ion: 95 Resp: 84571
Ion Ratio Lower Upper
95 100
174 94.7 0.0 175.6
176 91.3 0.0 171.4

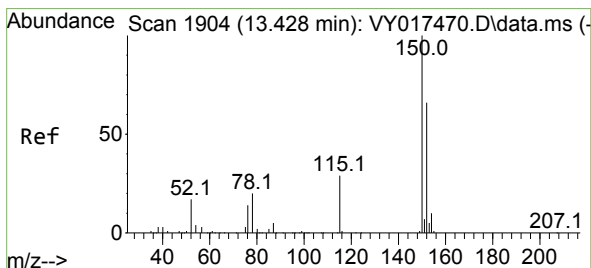
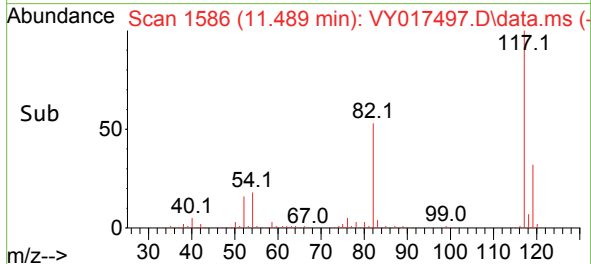
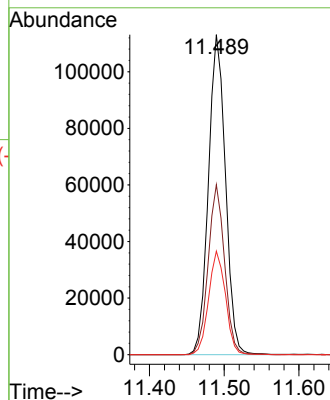
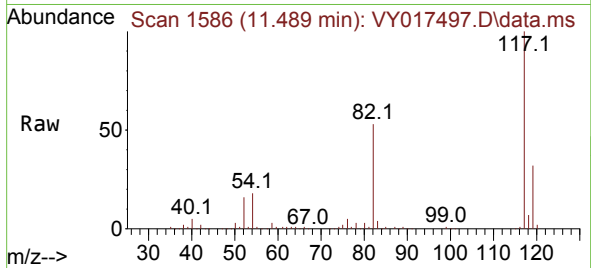




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017497.D
Acq: 27 Feb 2024 15:30

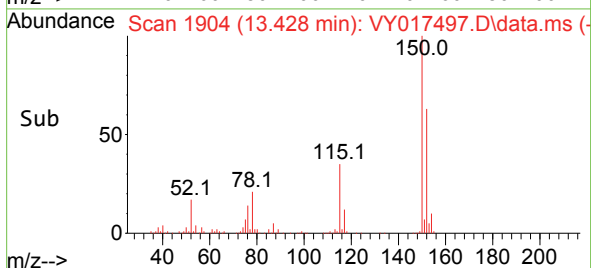
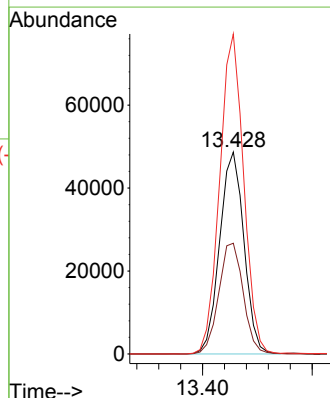
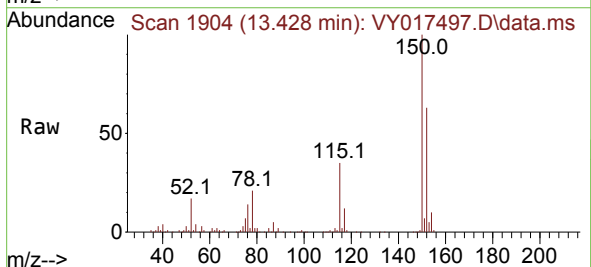
Instrument :
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LKWD-BACKFILL-18RE

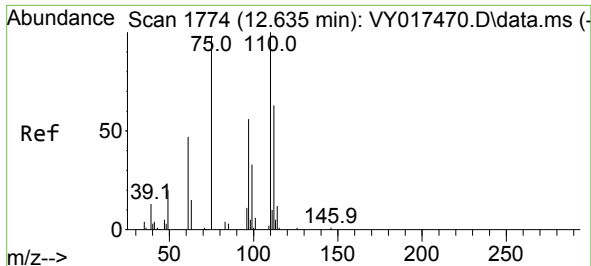
Tgt Ion:117 Resp: 179566
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 32.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017497.D
Acq: 27 Feb 2024 15:30

Tgt Ion:152 Resp: 74889
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 156.8 0.0 345.6

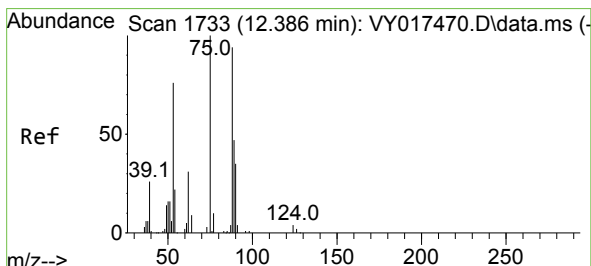
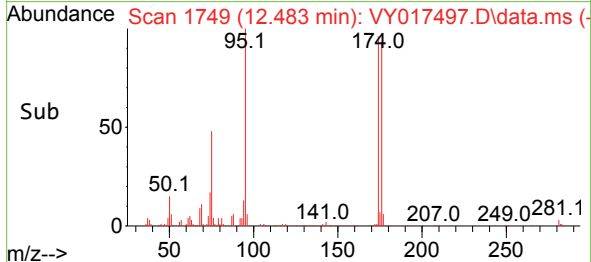
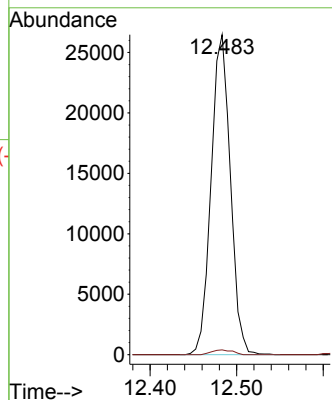
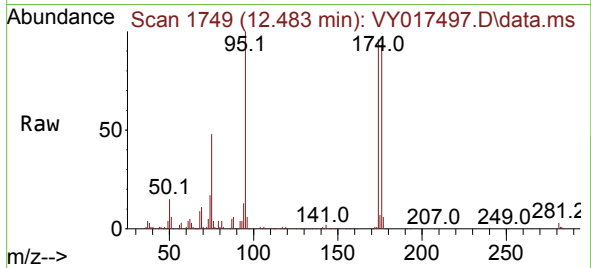




#76
1,2,3-Trichloropropane
Concen: 57.457 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017497.D
Acq: 27 Feb 2024 15:30

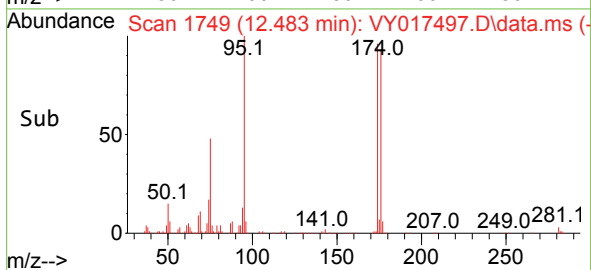
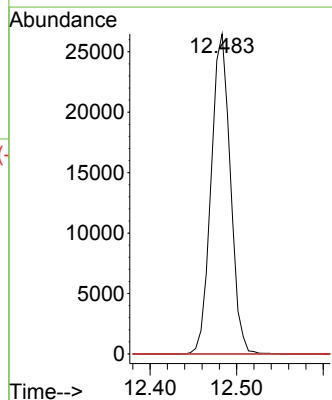
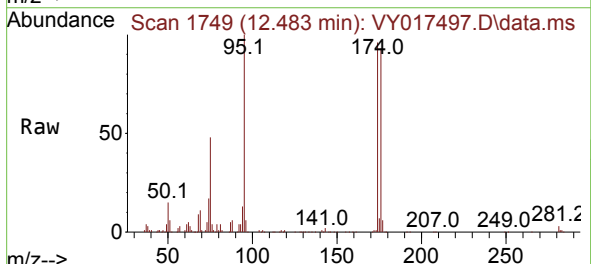
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-18RE

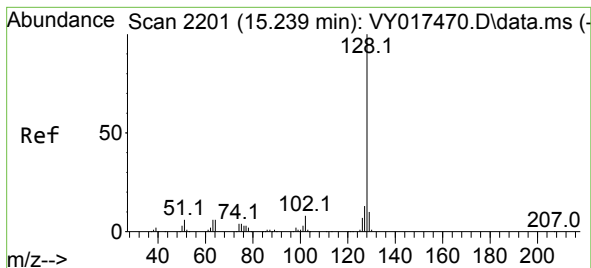
Tgt Ion: 75 Resp: 40884
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.023 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017497.D
Acq: 27 Feb 2024 15:30

Tgt Ion: 75 Resp: 40884
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 4.064 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017497.D

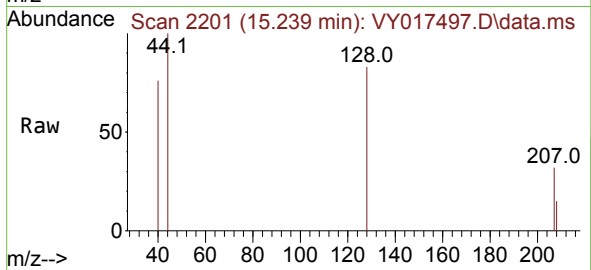
Acq: 27 Feb 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-18RE



Tgt Ion:128 Resp: 380

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

