

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017119.D
 Acq On : 26 Jan 2024 14:20
 Operator : SY/MD
 Sample : P1264-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-213

Quant Time: Jan 29 04:16:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

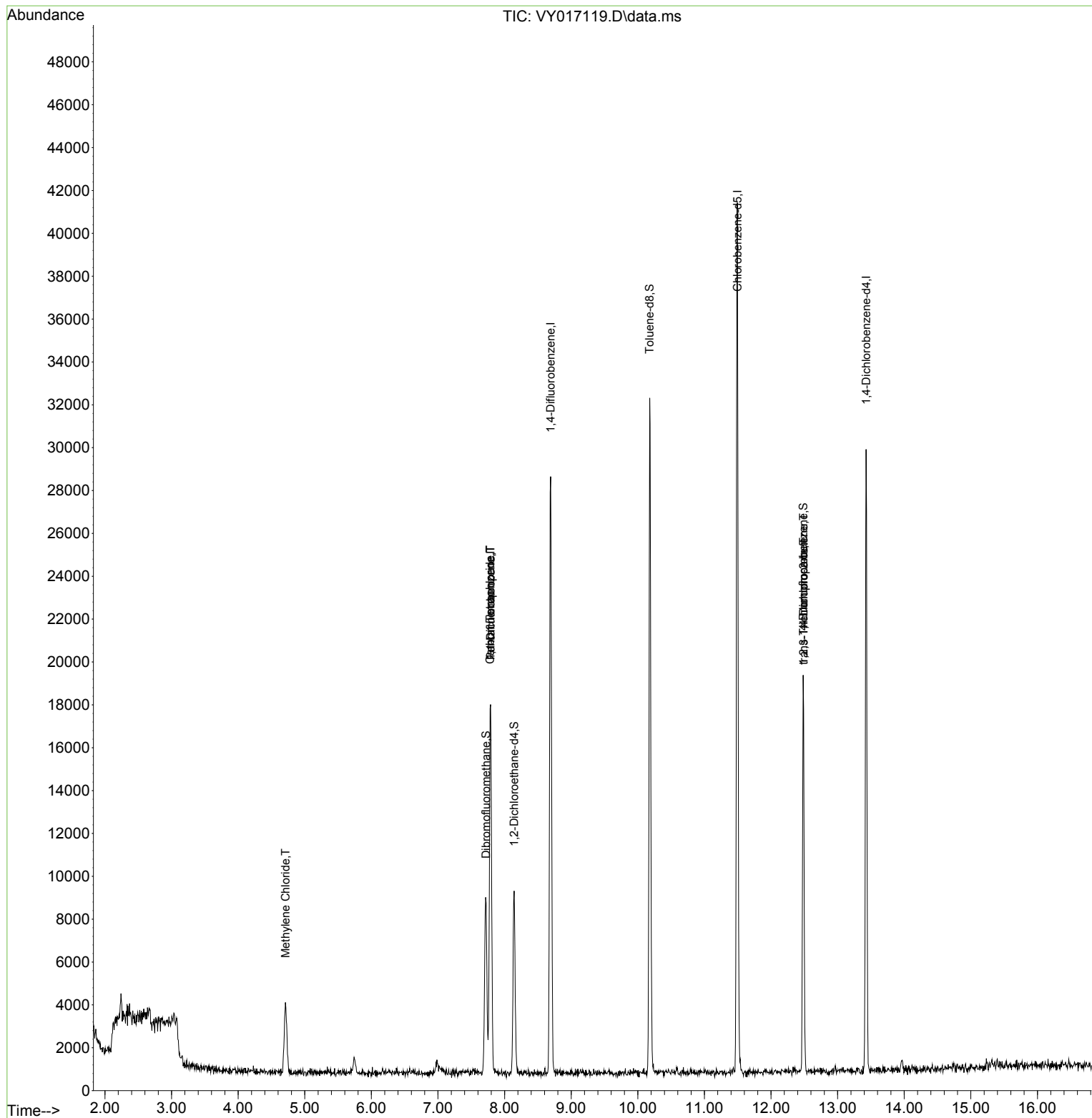
Internal Standards						
1) Pentafluorobenzene	7.789	168	13628	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	24530	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	23031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6517	49.082	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.160%		
35) Dibromofluoromethane	7.722	113	6364	42.986	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.980%		
50) Toluene-d8	10.178	98	21338	38.159	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	76.320%		
62) 4-Bromofluorobenzene	12.483	95	6061	35.185	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	70.380%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	61	Below Cal	#	41
4) Vinyl Chloride	2.247	62	78	Below Cal	#	43
5) Bromomethane	2.661	94	222	Below Cal		83
6) Chloroethane	2.637	64	22	Below Cal	#	43
16) Acetone	3.936	43	124	Below Cal	#	41
20) Methylene Chloride	4.710	84	2413	11.690	ug/l	92
31) Cyclohexane	7.789	56	320	Below Cal	#	16
36) 1,1-Dichloropropene	7.789	75	1217	4.996	ug/l #	46
38) Carbon Tetrachloride	7.782	117	1566	6.560	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	3209	34.805	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	3209	90.105	ug/l #	12

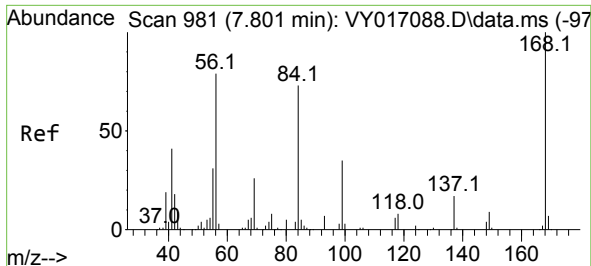
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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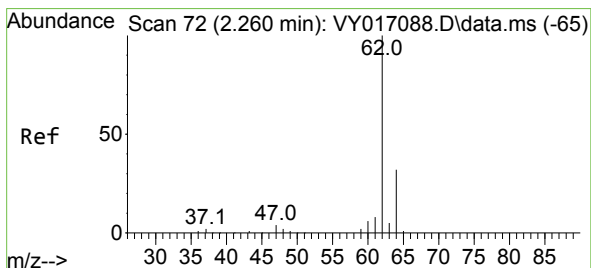
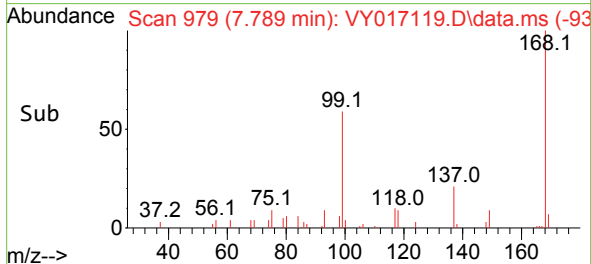
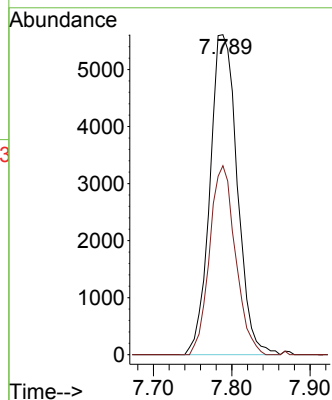
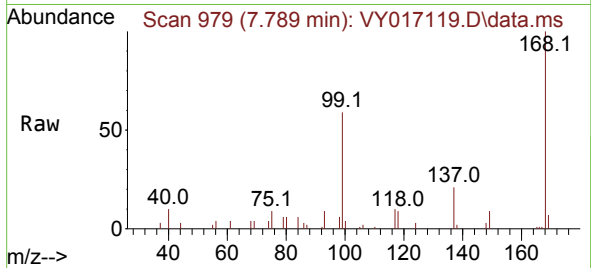




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

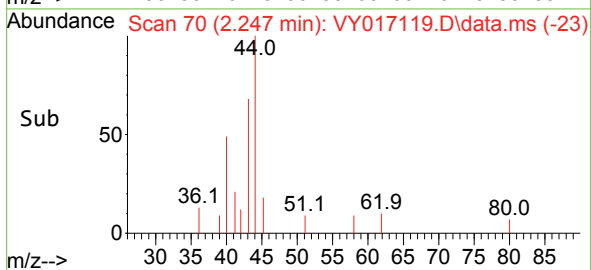
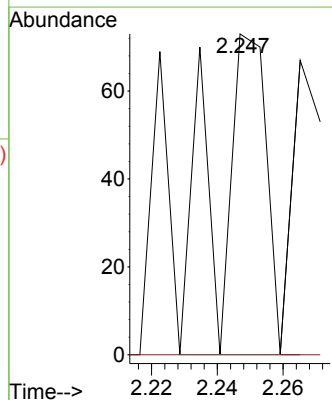
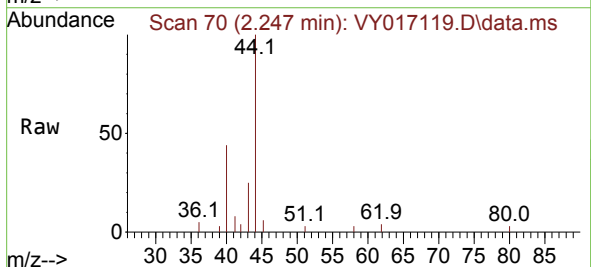
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213

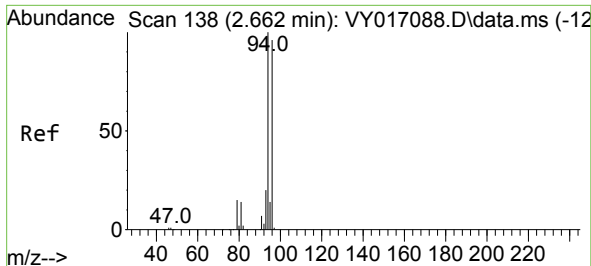
Tgt Ion:168 Resp: 13628
Ion Ratio Lower Upper
168 100
99 59.0 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

Tgt Ion: 62 Resp: 78
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

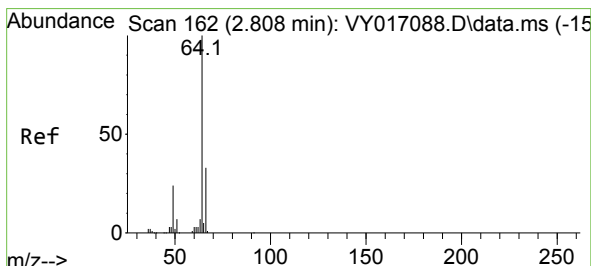
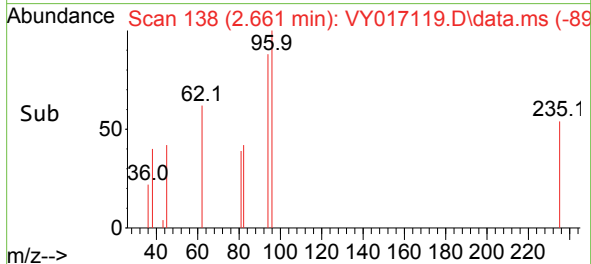
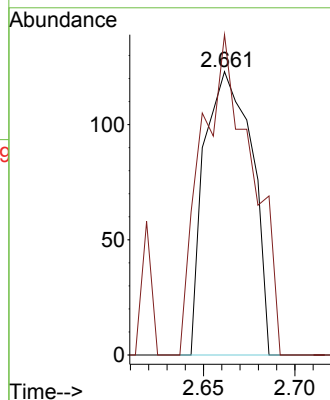
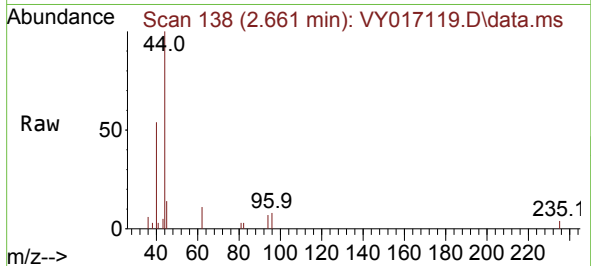




#5
Bromomethane
Concen: Below Cal
RT: 2.661 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

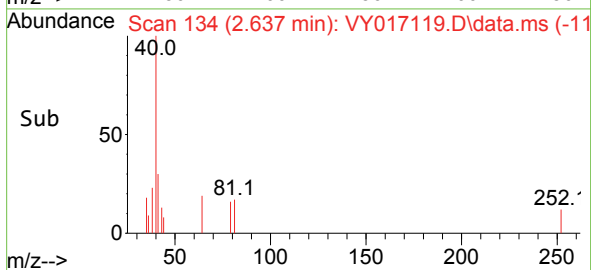
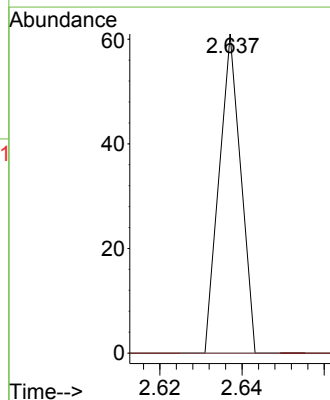
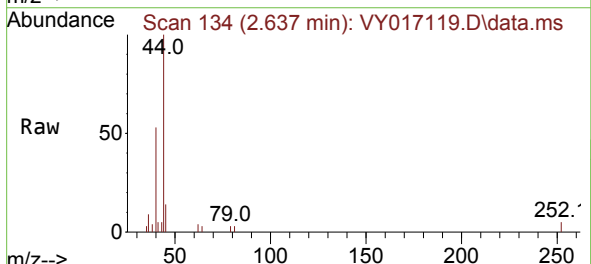
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213

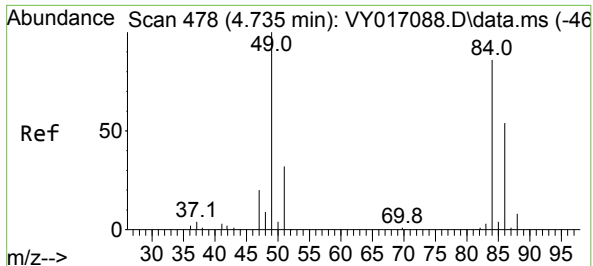
Tgt Ion: 94 Resp: 222
Ion Ratio Lower Upper
94 100
96 113.0 77.3 115.9



#6
Chloroethane
Concen: Below Cal
RT: 2.637 min Scan# 134
Delta R.T. -0.171 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



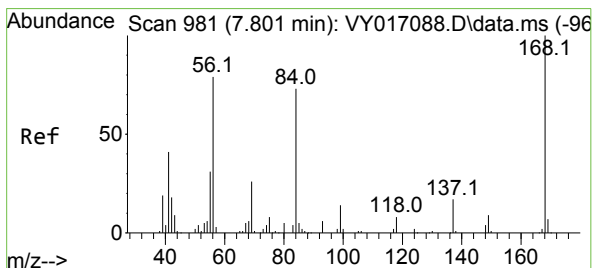
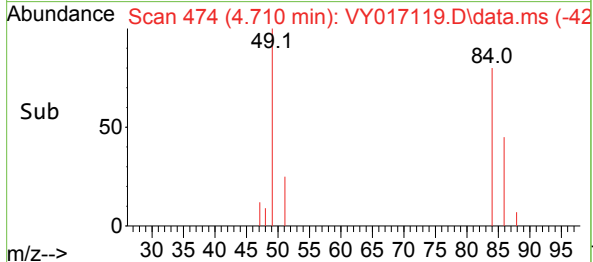
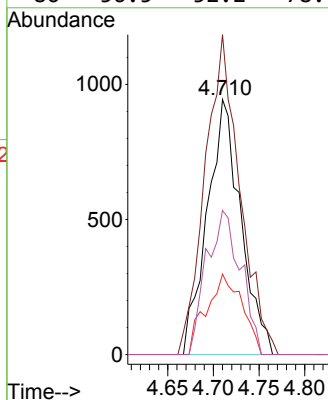
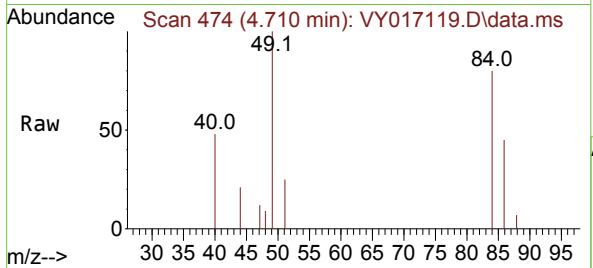


#20
Methylene Chloride
Concen: 11.690 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213

Tgt Ion: 84 Resp: 2413

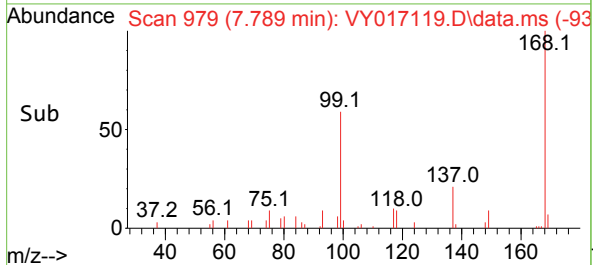
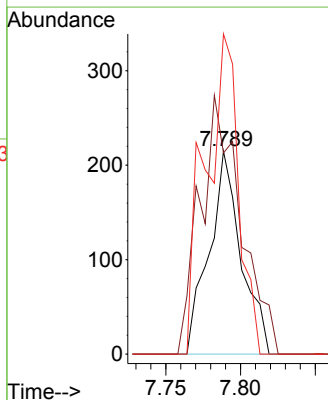
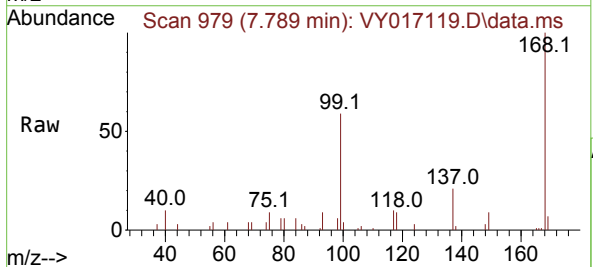
Ion	Ratio	Lower	Upper
84	100		
49	125.4	95.2	142.8
51	31.6	29.9	44.9
86	56.5	52.2	78.4

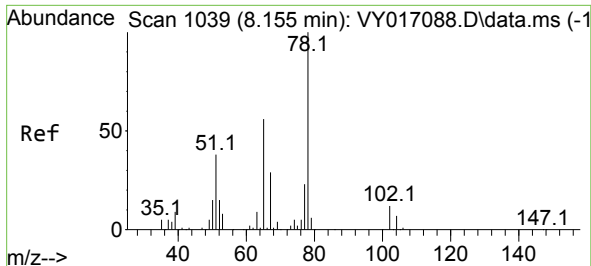


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

Tgt Ion: 56 Resp: 320

Ion	Ratio	Lower	Upper
56	100		
69	99.1	27.0	40.6#
84	157.7	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 49.082 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.013 min

Lab File: VY017119.D

Acq: 26 Jan 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :

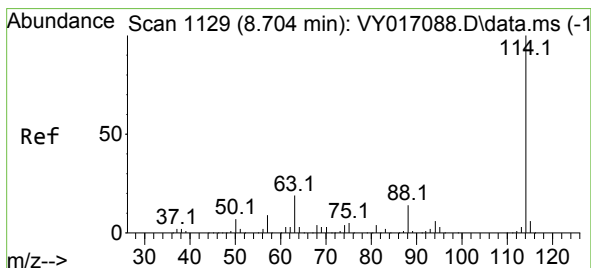
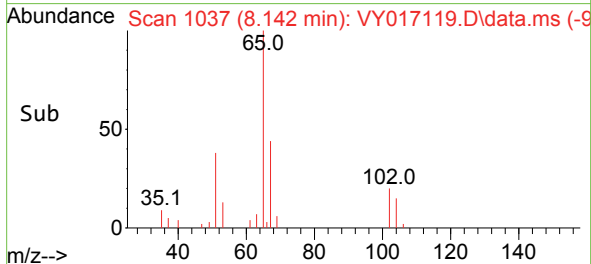
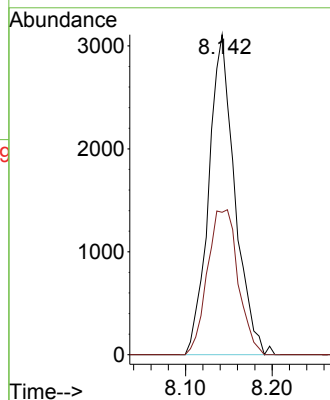
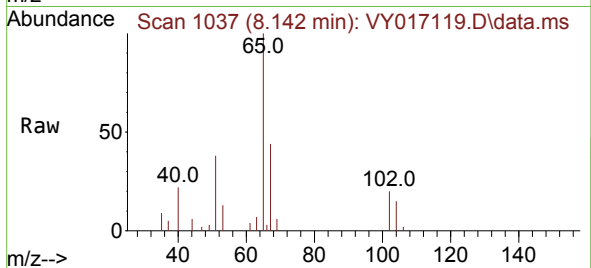
VNJ-213

Tgt Ion: 65 Resp: 6517

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY017119.D

Acq: 26 Jan 2024 14:20

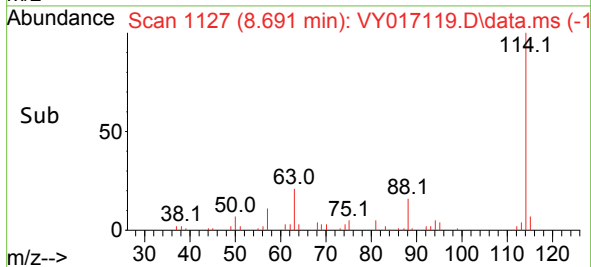
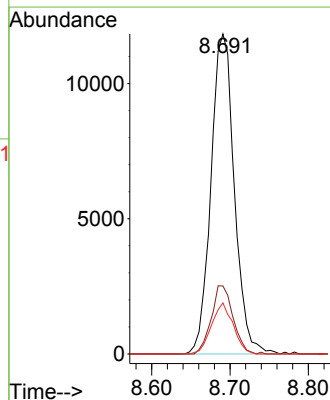
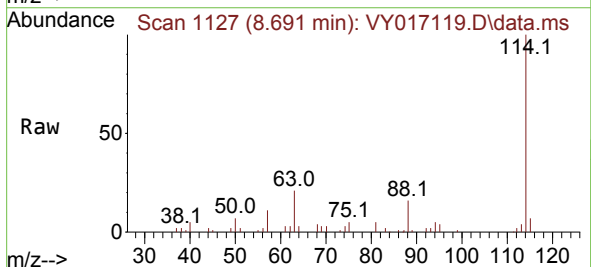
Tgt Ion: 114 Resp: 24530

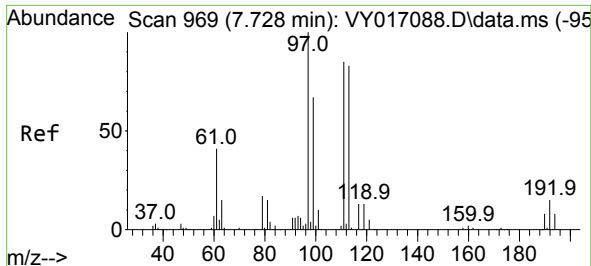
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 16.0 0.0 29.0

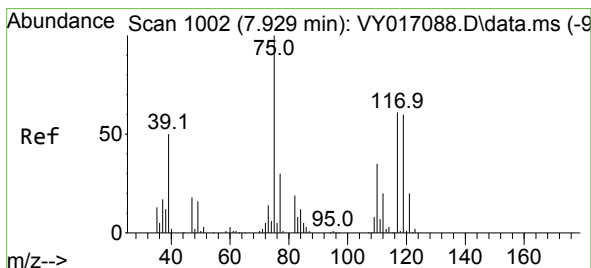
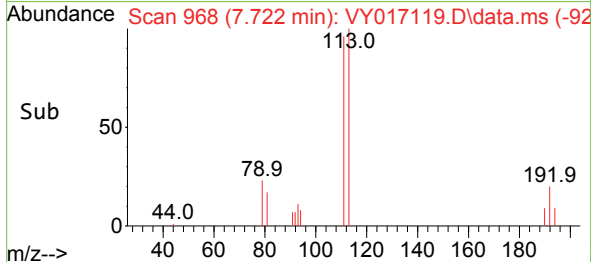
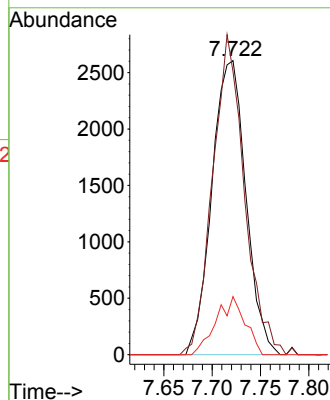
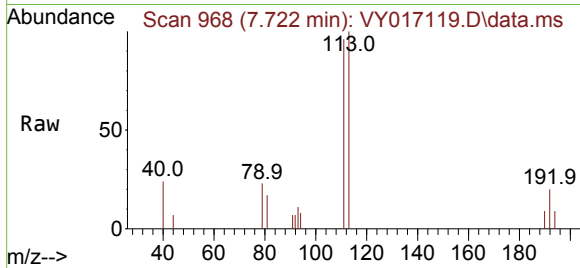




#35
Dibromofluoromethane
Concen: 42.986 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

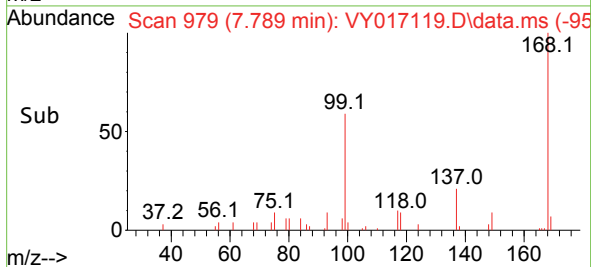
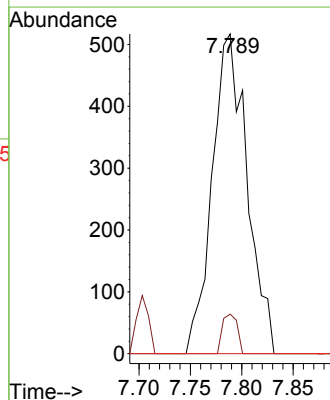
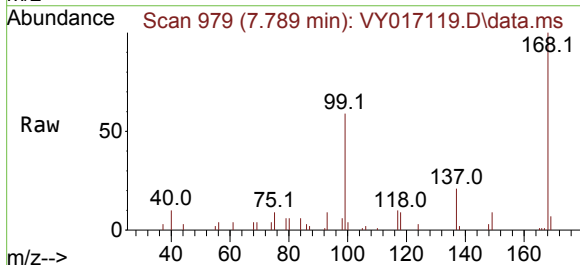
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213

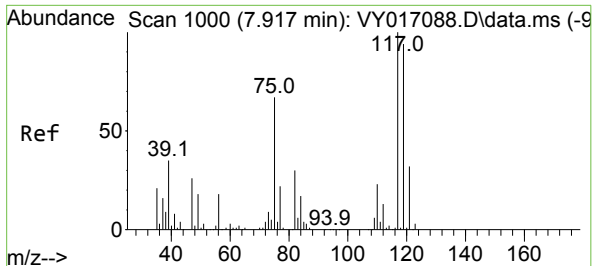
Tgt Ion:113 Resp: 6364
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 16.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.996 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

Tgt Ion: 75 Resp: 1217
Ion Ratio Lower Upper
75 100
110 5.3 17.4 52.3#
77 0.0 24.7 37.1#

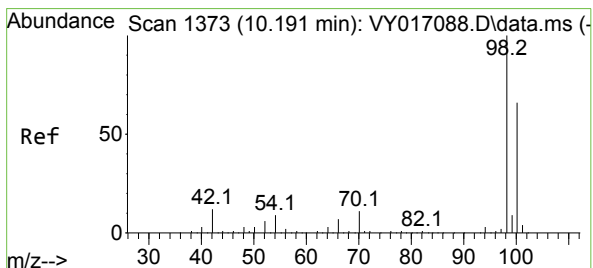
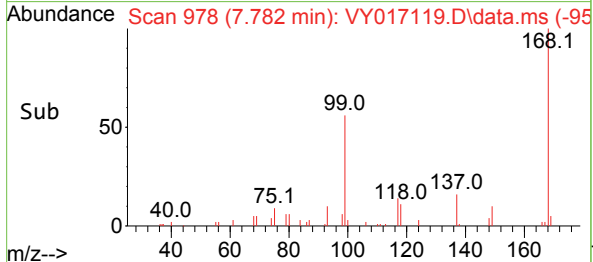
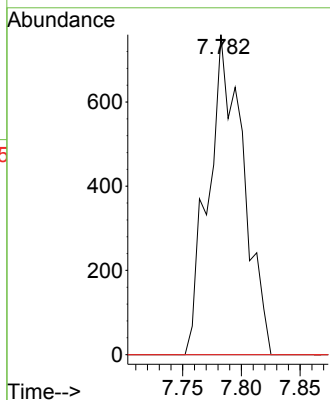
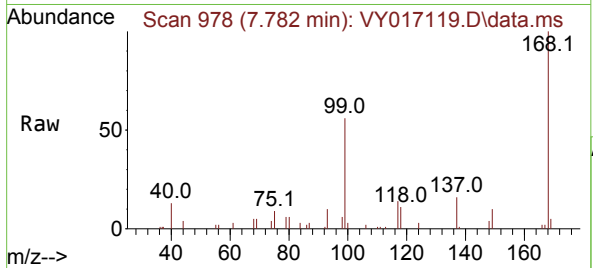




#38
Carbon Tetrachloride
Concen: 6.560 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.135 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

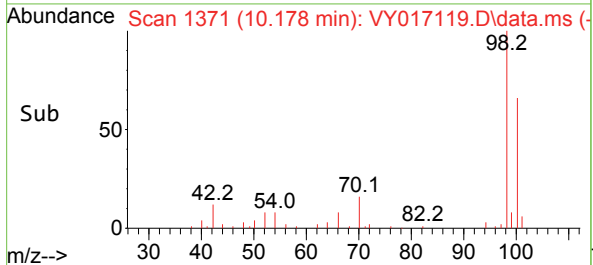
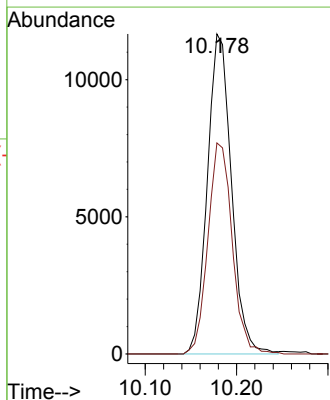
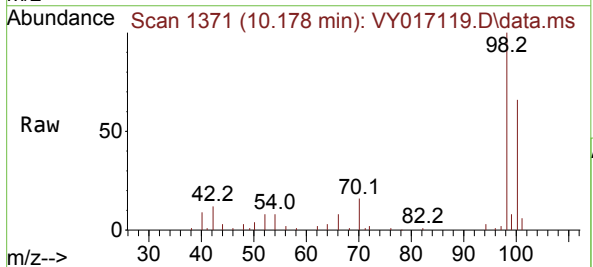
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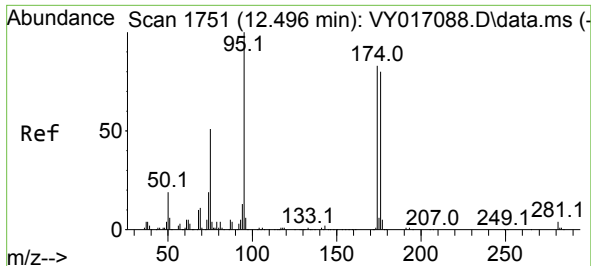
Tgt Ion:117 Resp: 1566
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 38.159 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.013 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

Tgt Ion: 98 Resp: 21338
Ion Ratio Lower Upper
98 100
100 66.5 52.3 78.5

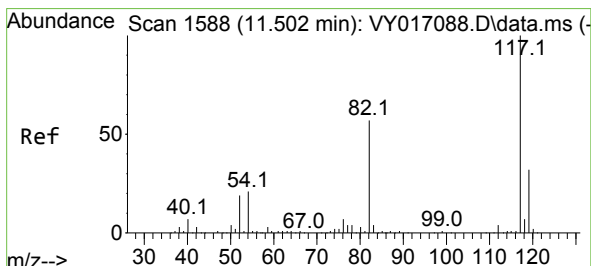
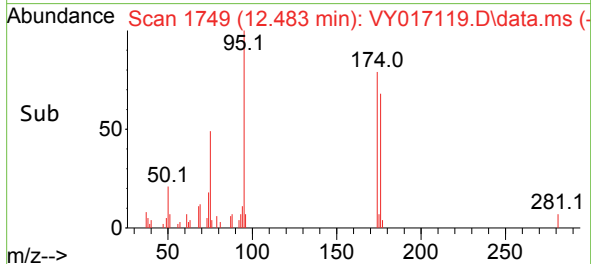
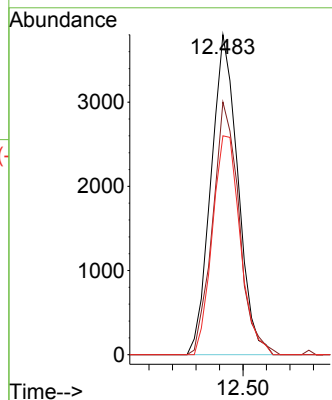
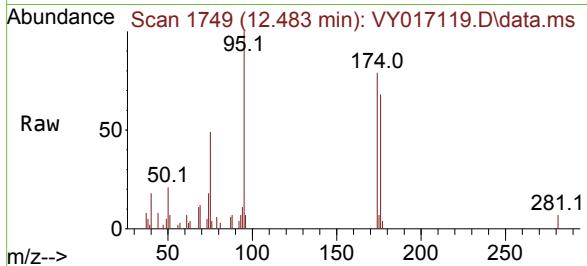




#62
4-Bromofluorobenzene
Concen: 35.185 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

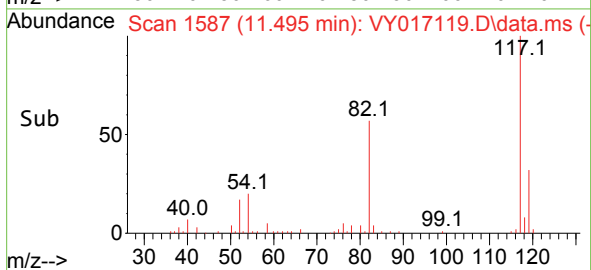
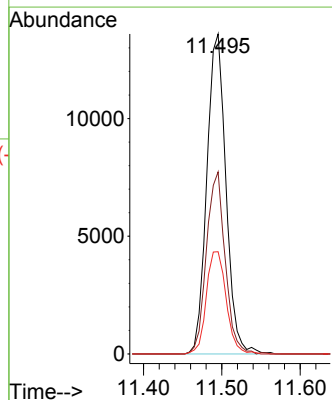
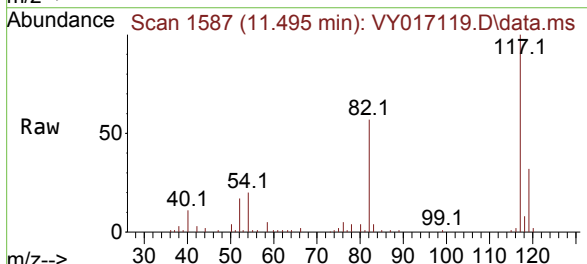
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213

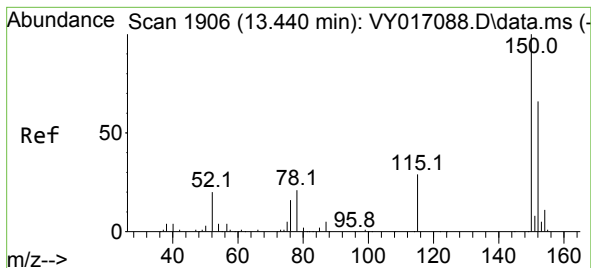
Tgt Ion: 95	Resp: 6061
Ion Ratio	Lower Upper
95 100	
174 77.6	0.0 160.0
176 70.5	0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.007 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

Tgt Ion: 117	Resp: 23031
Ion Ratio	Lower Upper
117 100	
82 56.9	43.8 65.8
119 31.9	26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017119.D

Acq: 26 Jan 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-213

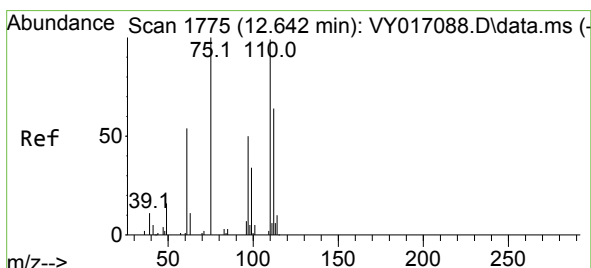
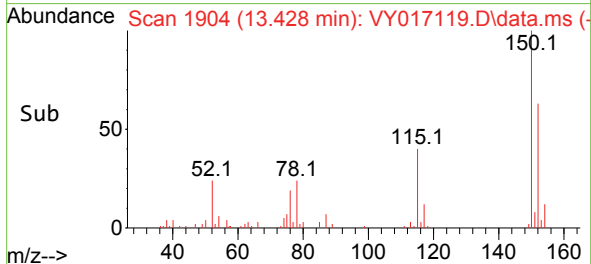
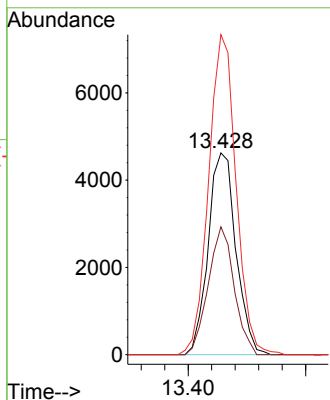
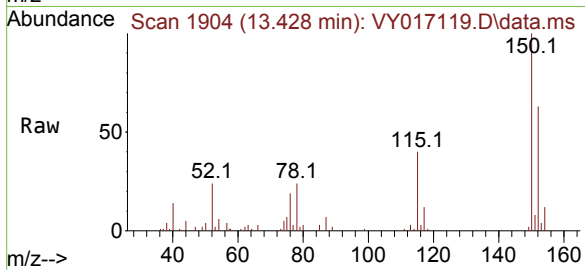
Tgt Ion:152 Resp: 7596

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 156.4 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 34.805 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY017119.D

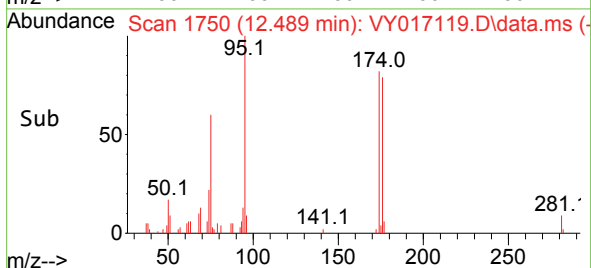
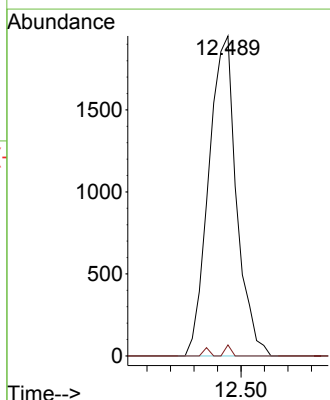
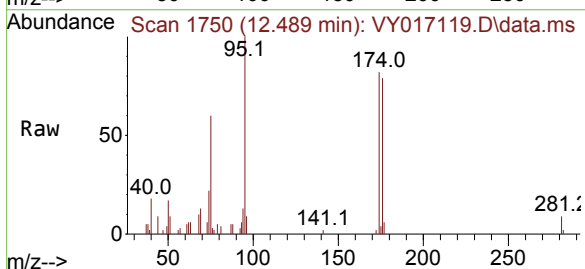
Acq: 26 Jan 2024 14:20

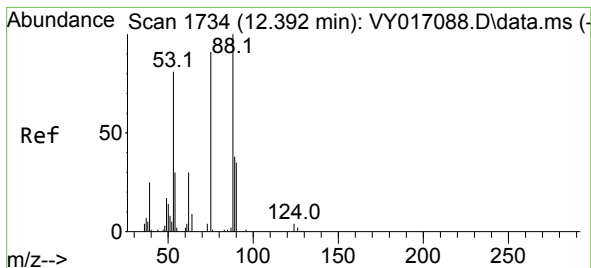
Tgt Ion: 75 Resp: 3209

Ion Ratio Lower Upper

75 100

77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.105 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY017119.D
 Acq: 26 Jan 2024 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-213

Tgt Ion: 75 Resp: 3209
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

