

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017344.D
 Acq On : 09 Feb 2024 17:08
 Operator : SY/MD
 Sample : P1413-02RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-209

Quant Time: Feb 09 22:05:43 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)

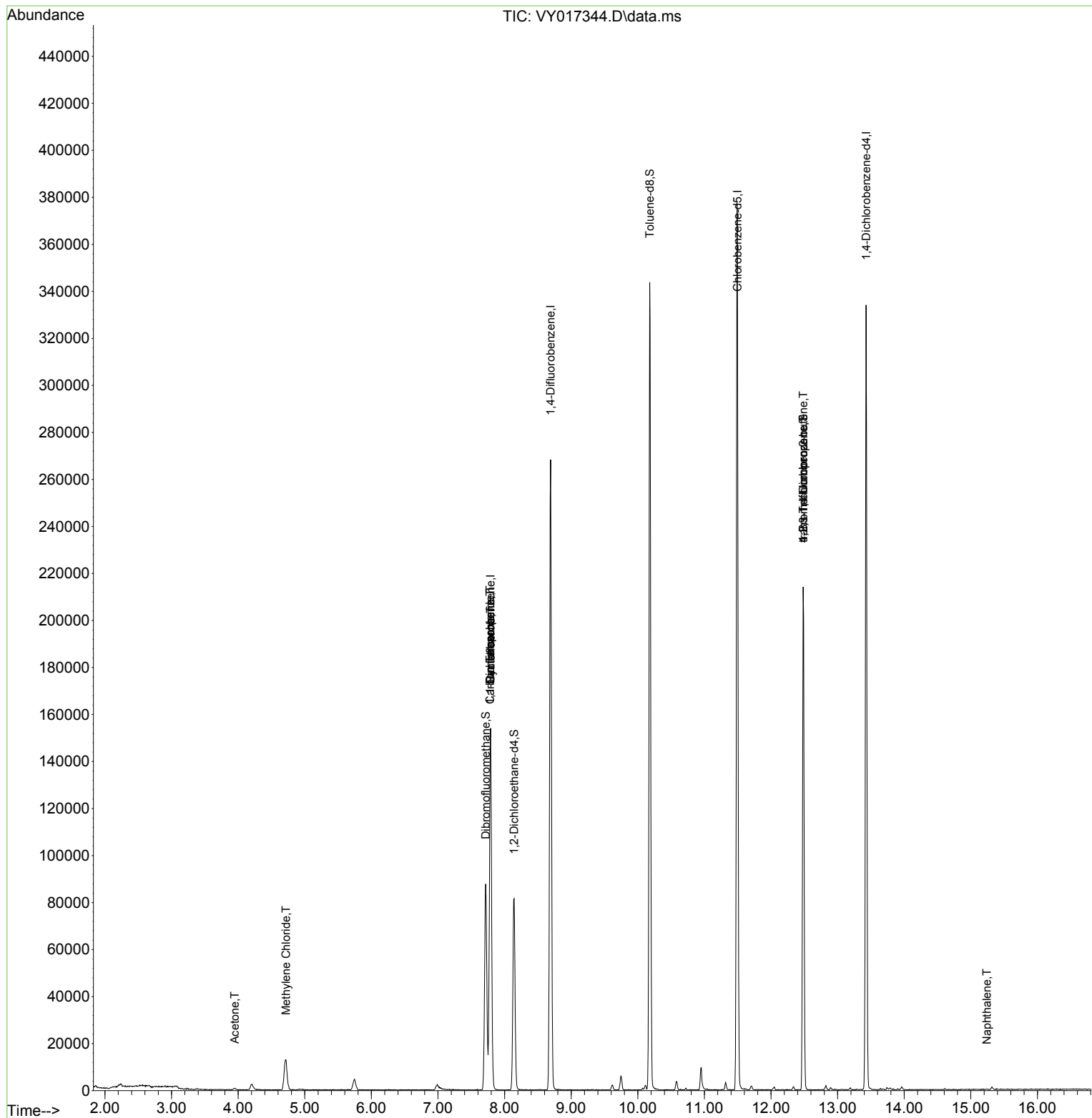
Internal Standards						
1) Pentafluorobenzene	7.789	168	118282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	209186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61697	58.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.780%	
35) Dibromofluoromethane	7.716	113	62624	50.407	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.820%	
50) Toluene-d8	10.179	98	223132	49.329	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.660%	
62) 4-Bromofluorobenzene	12.483	95	63975	43.175	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	268	Below Cal	#	75
16) Acetone	3.948	43	1141	3.674	ug/l	99
20) Methylene Chloride	4.716	84	10104	4.775	ug/l	96
31) Cyclohexane	7.789	56	2620	1.230	ug/l #	14
36) 1,1-Dichloropropene	7.783	75	9893	4.616	ug/l #	49
38) Carbon Tetrachloride	7.783	117	11603	5.655	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	33636	44.402	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33636	92.261	ug/l #	12
95) Naphthalene	15.239	128	175	3.498	ug/l #	69

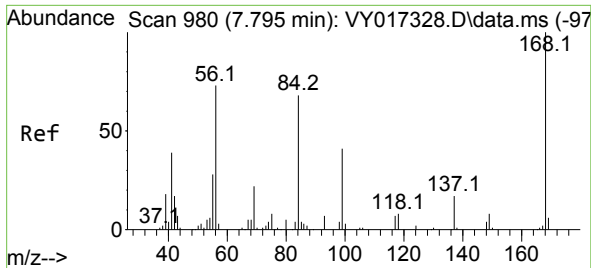
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

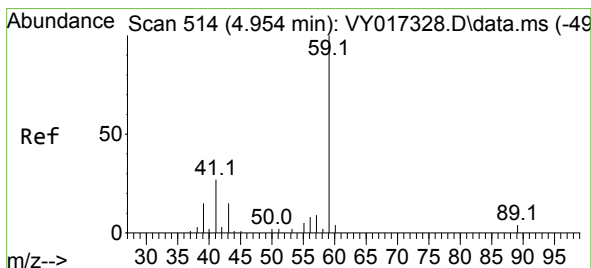
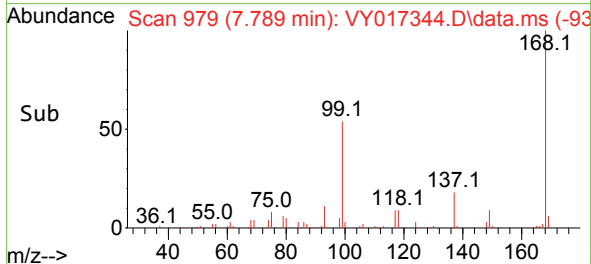
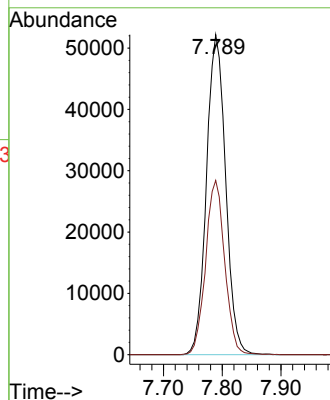
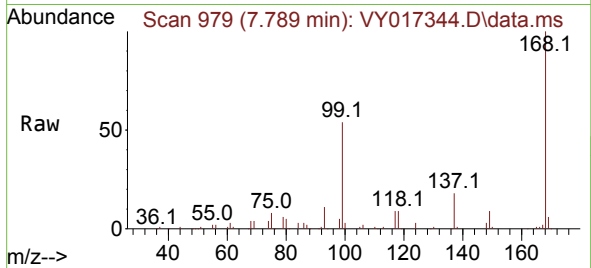




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

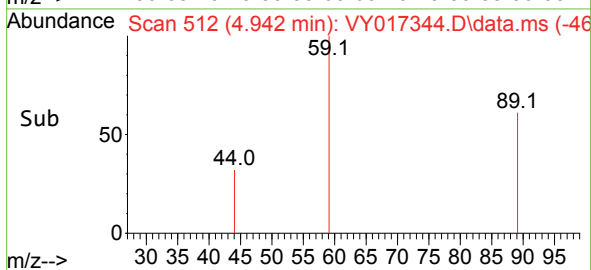
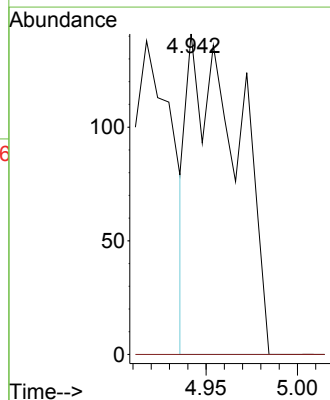
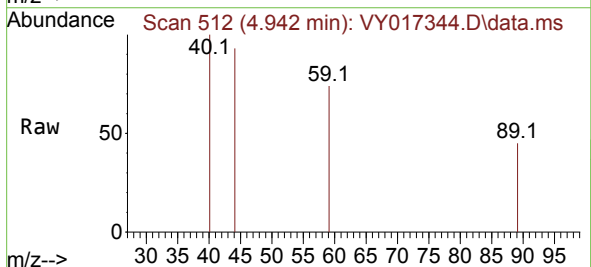
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

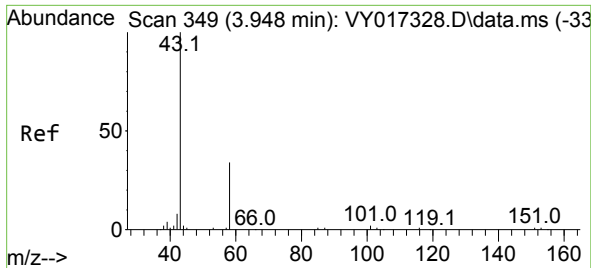
Tgt Ion:168 Resp: 118282
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

Tgt Ion: 59 Resp: 268
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 3.674 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY017344.D

Acq: 09 Feb 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

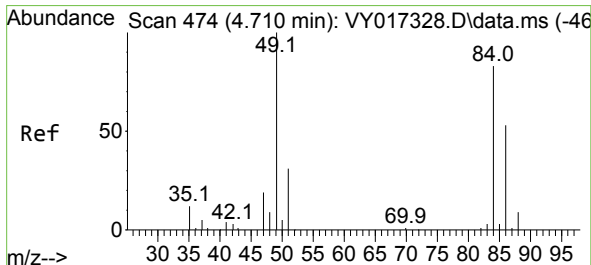
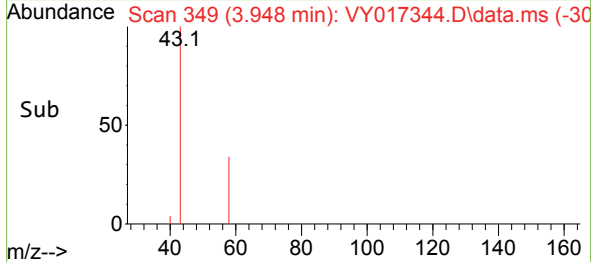
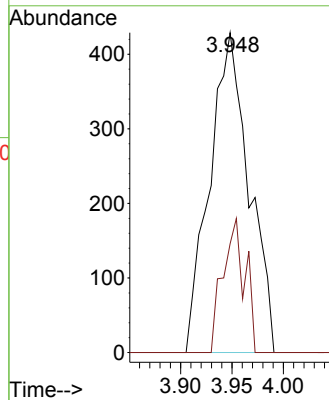
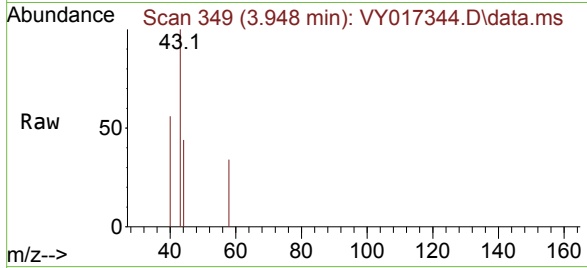
VNJ-209

Tgt Ion: 43 Resp: 1141

Ion Ratio Lower Upper

43 100

58 34.0 26.6 39.8



#20

Methylene Chloride

Concen: 4.775 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.012 min

Lab File: VY017344.D

Acq: 09 Feb 2024 17:08

Tgt Ion: 84 Resp: 10104

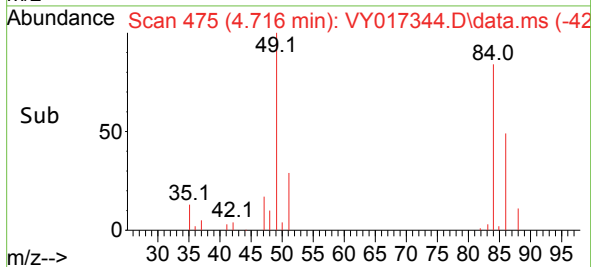
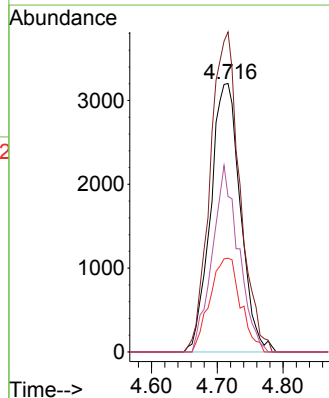
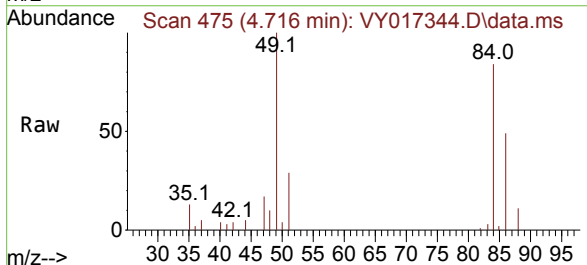
Ion Ratio Lower Upper

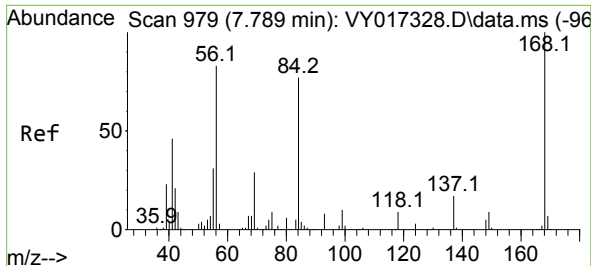
84 100

49 119.2 95.2 142.8

51 34.9 29.9 44.9

86 57.9 52.2 78.4

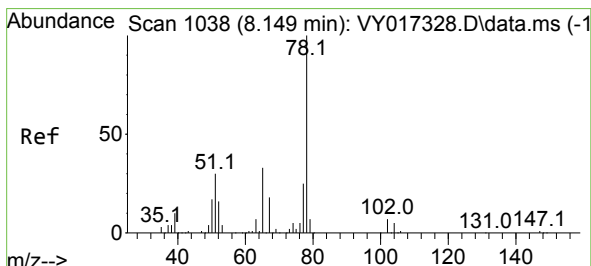
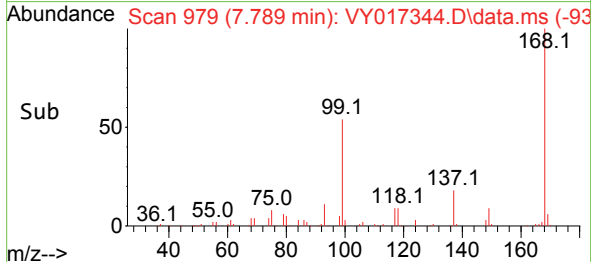
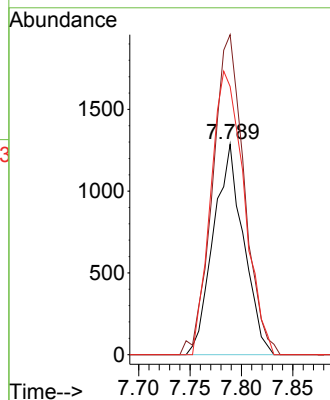
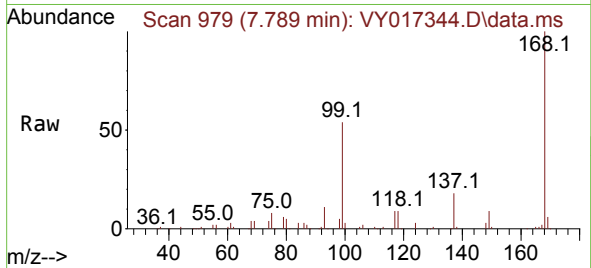




#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

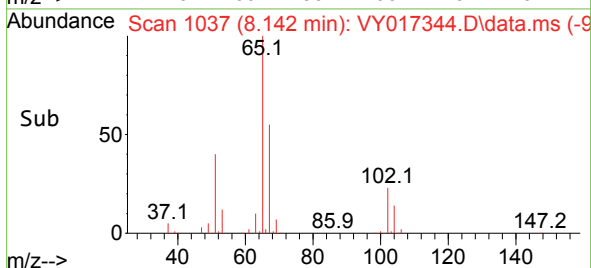
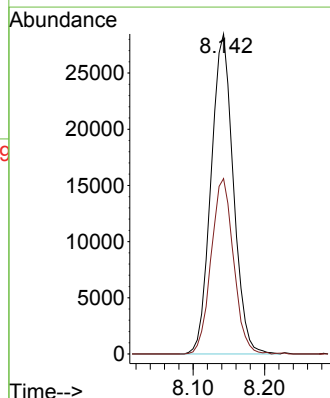
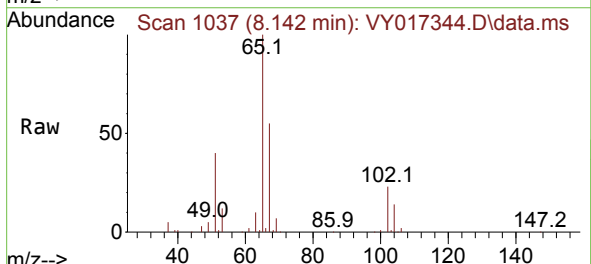
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

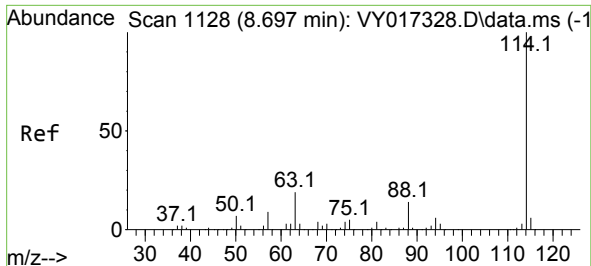
Tgt Ion: 56 Resp: 2620
Ion Ratio Lower Upper
56 100
69 152.1 27.0 40.6#
84 127.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 58.389 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

Tgt Ion: 65 Resp: 61697
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0

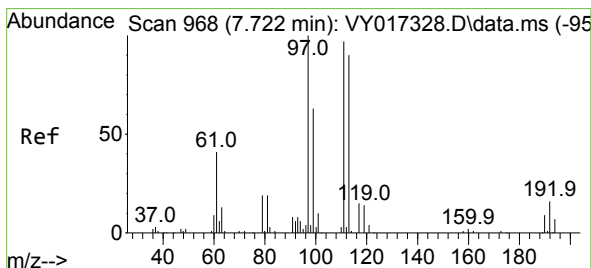
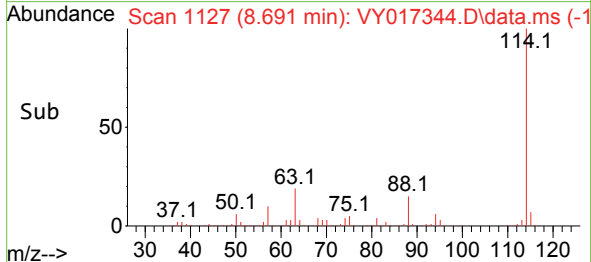
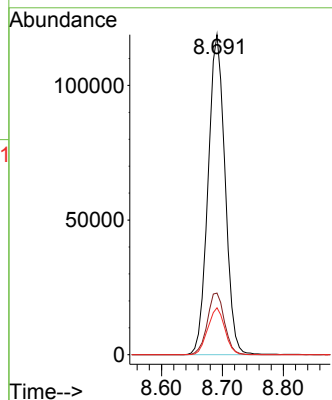
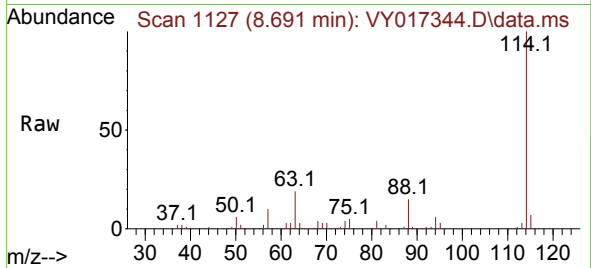




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

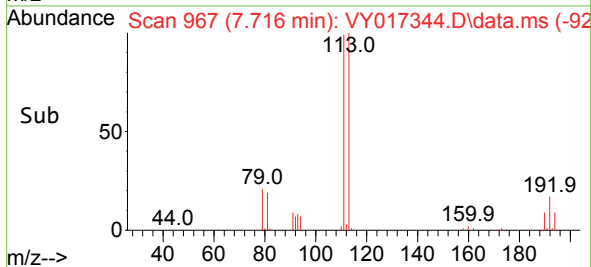
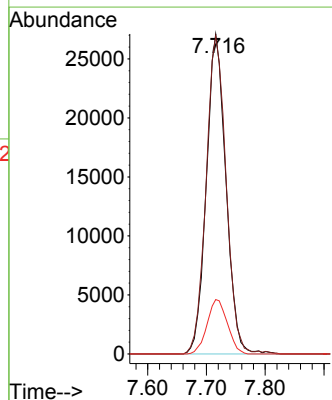
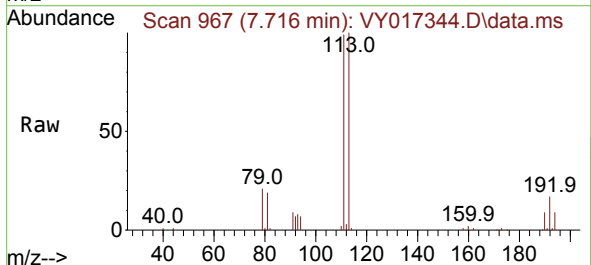
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

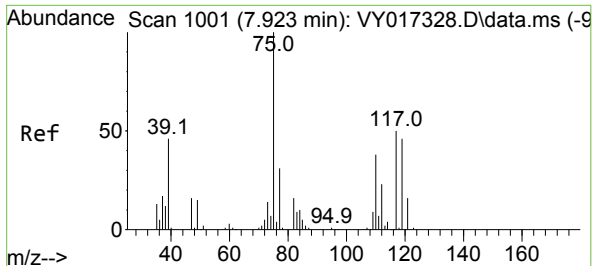
Tgt Ion:114 Resp: 230093
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 14.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 50.407 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

Tgt Ion:113 Resp: 62624
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 17.6 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.616 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY017344.D

Acq: 09 Feb 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-209

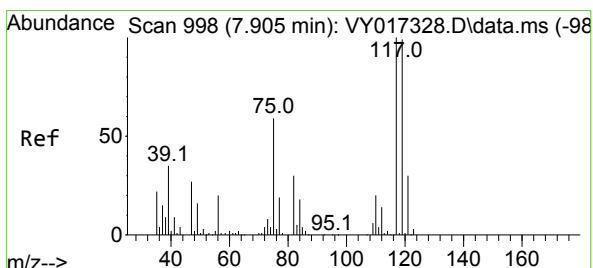
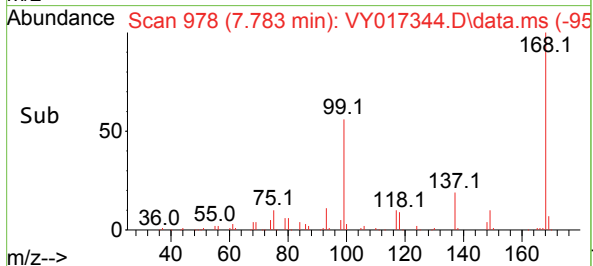
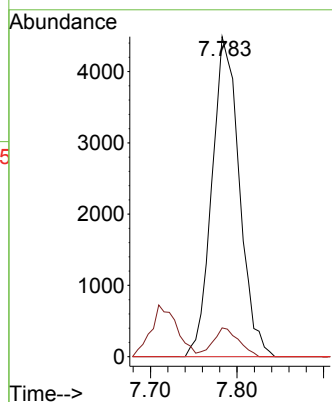
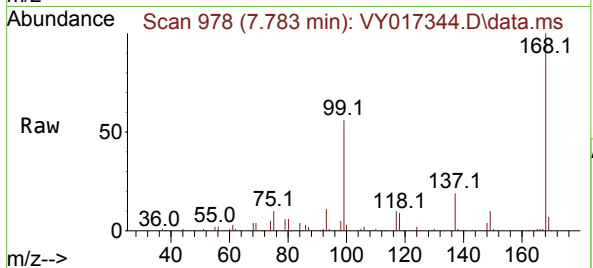
Tgt Ion: 75 Resp: 9893

Ion Ratio Lower Upper

75 100

110 8.4 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.655 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY017344.D

Acq: 09 Feb 2024 17:08

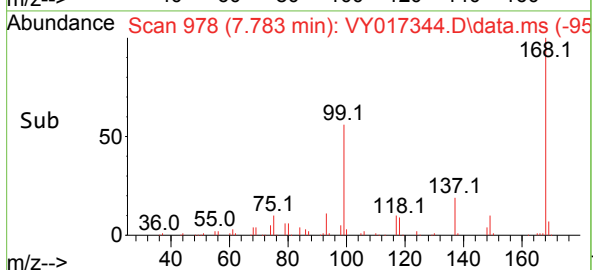
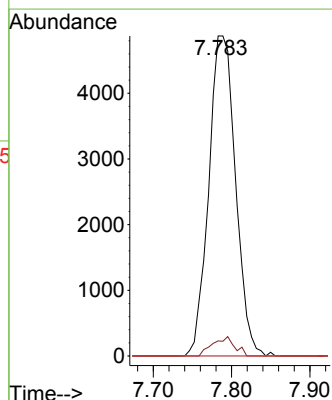
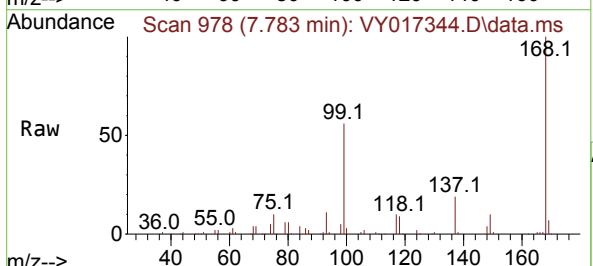
Tgt Ion: 117 Resp: 11603

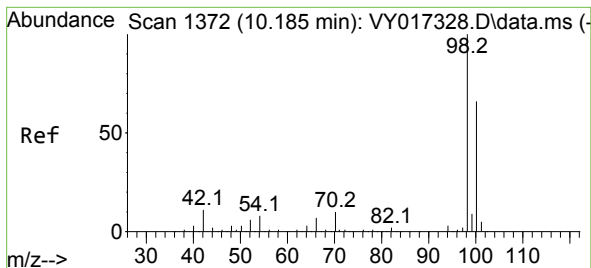
Ion Ratio Lower Upper

117 100

119 4.7 76.0 114.0#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 49.329 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017344.D

Acq: 09 Feb 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

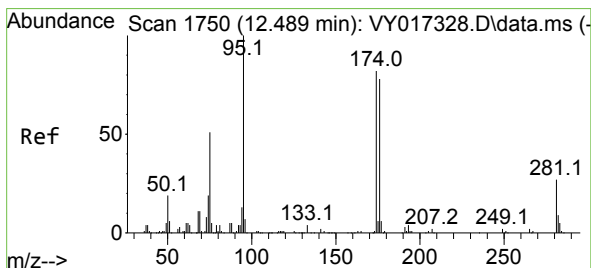
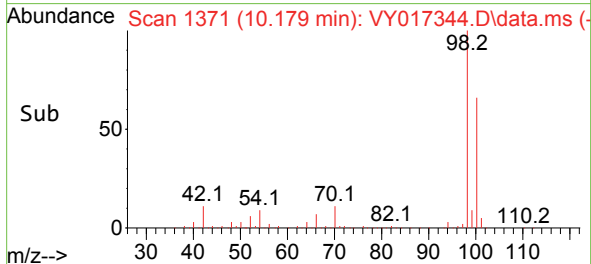
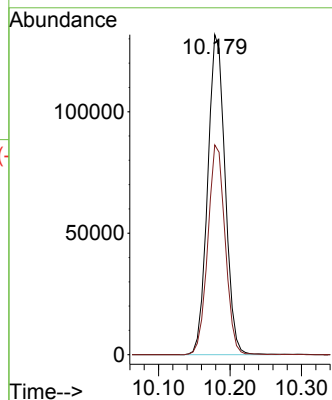
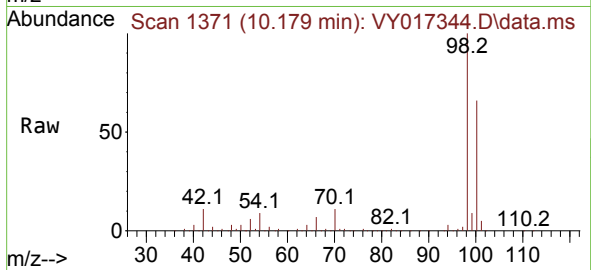
VNJ-209

Tgt Ion: 98 Resp: 223132

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 43.175 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017344.D

Acq: 09 Feb 2024 17:08

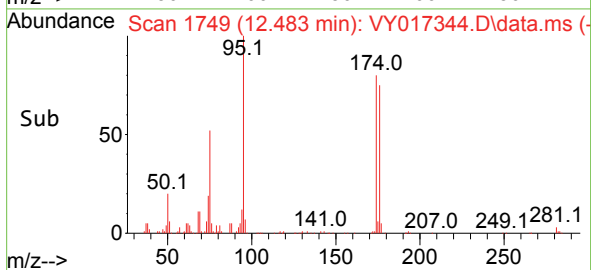
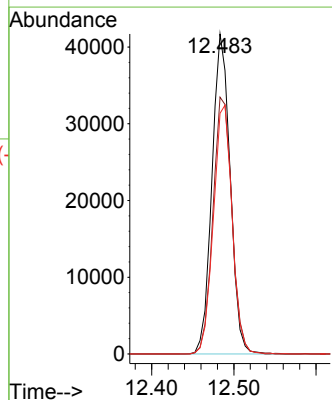
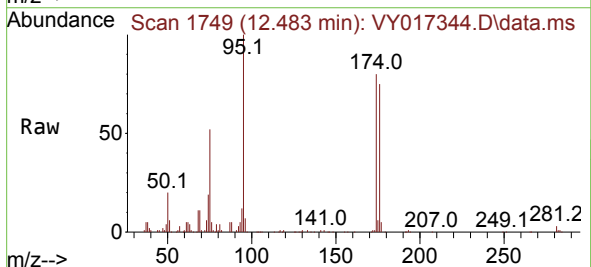
Tgt Ion: 95 Resp: 63975

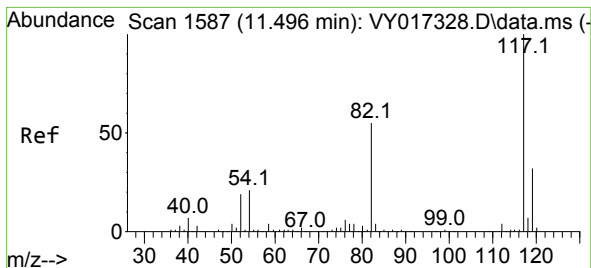
Ion Ratio Lower Upper

95 100

174 83.9 0.0 160.0

176 80.3 0.0 151.8

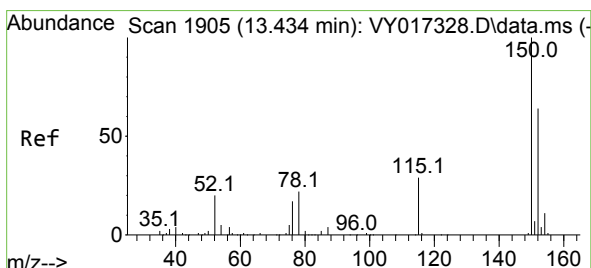
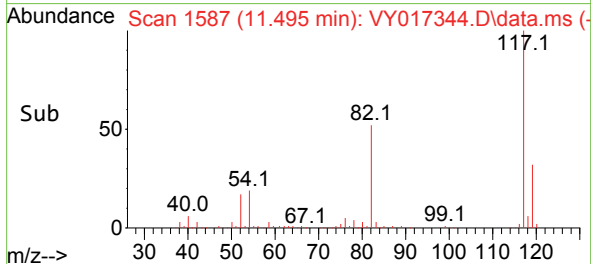
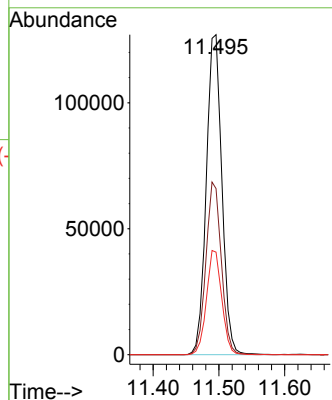
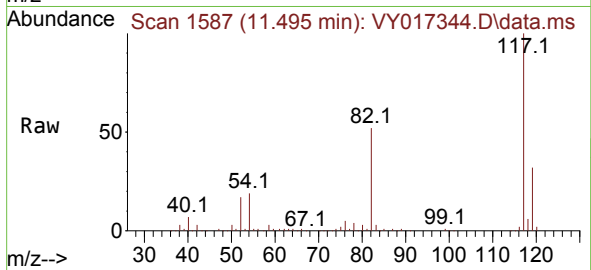




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

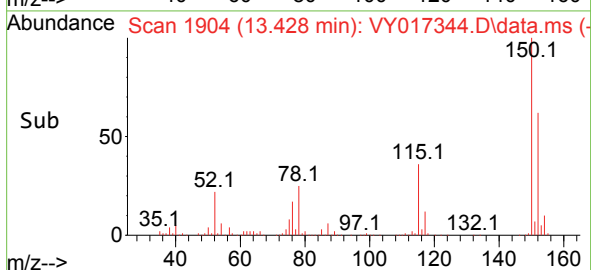
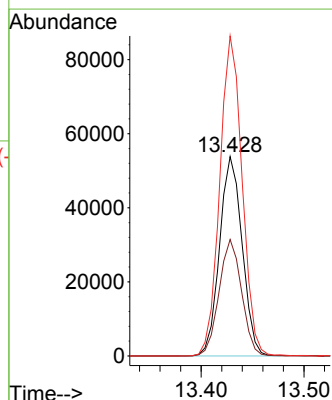
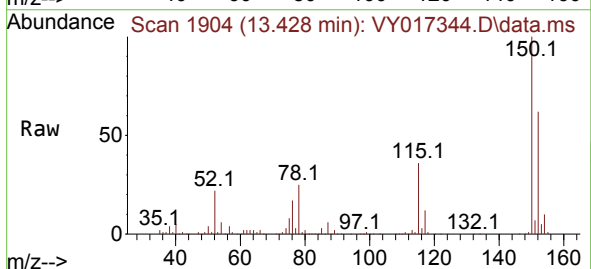
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

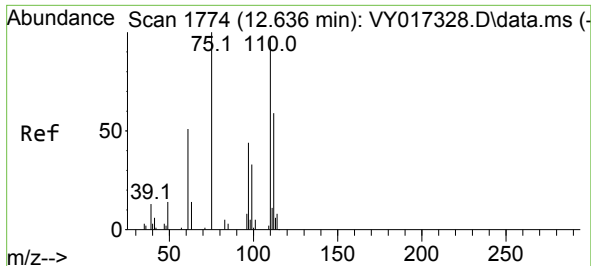
Tgt Ion:117 Resp: 209186
Ion Ratio Lower Upper
117 100
82 51.9 43.8 65.8
119 32.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

Tgt Ion:152 Resp: 82075
Ion Ratio Lower Upper
152 100
115 58.2 30.0 90.0
150 159.1 0.0 344.6

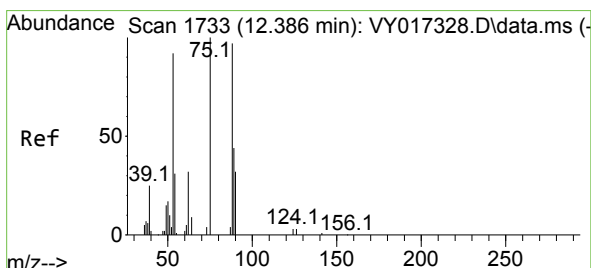
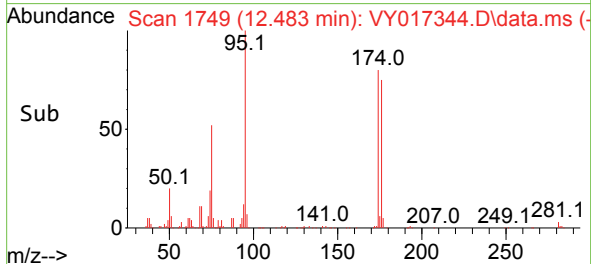
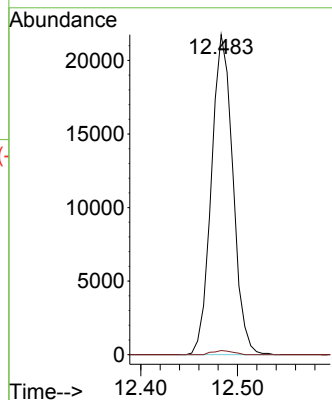
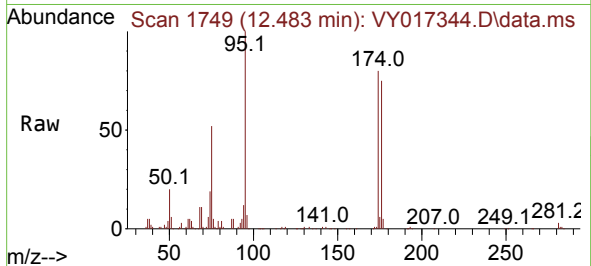




#76
1,2,3-Trichloropropane
Concen: 44.402 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.158 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

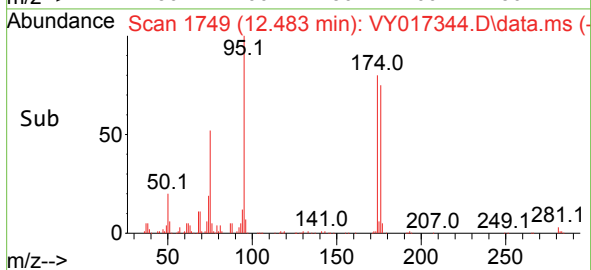
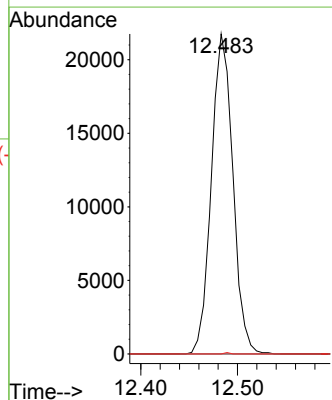
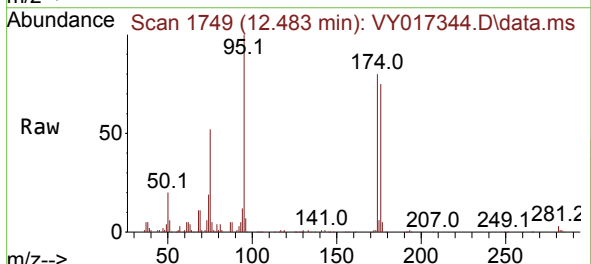
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

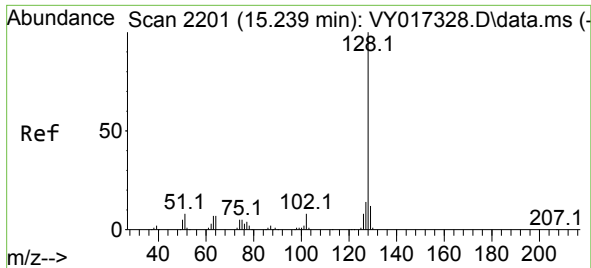
Tgt Ion: 75 Resp: 33636
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.261 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

Tgt Ion: 75 Resp: 33636
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#





#95
Naphthalene
Concen: 3.498 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

Tgt Ion:128 Resp: 175
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

