

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011927.D
 Acq On : 20 Dec 2022 17:10
 Operator : KP/MD
 Sample : N6086-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-201RE

Quant Time: Dec 21 00:10:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

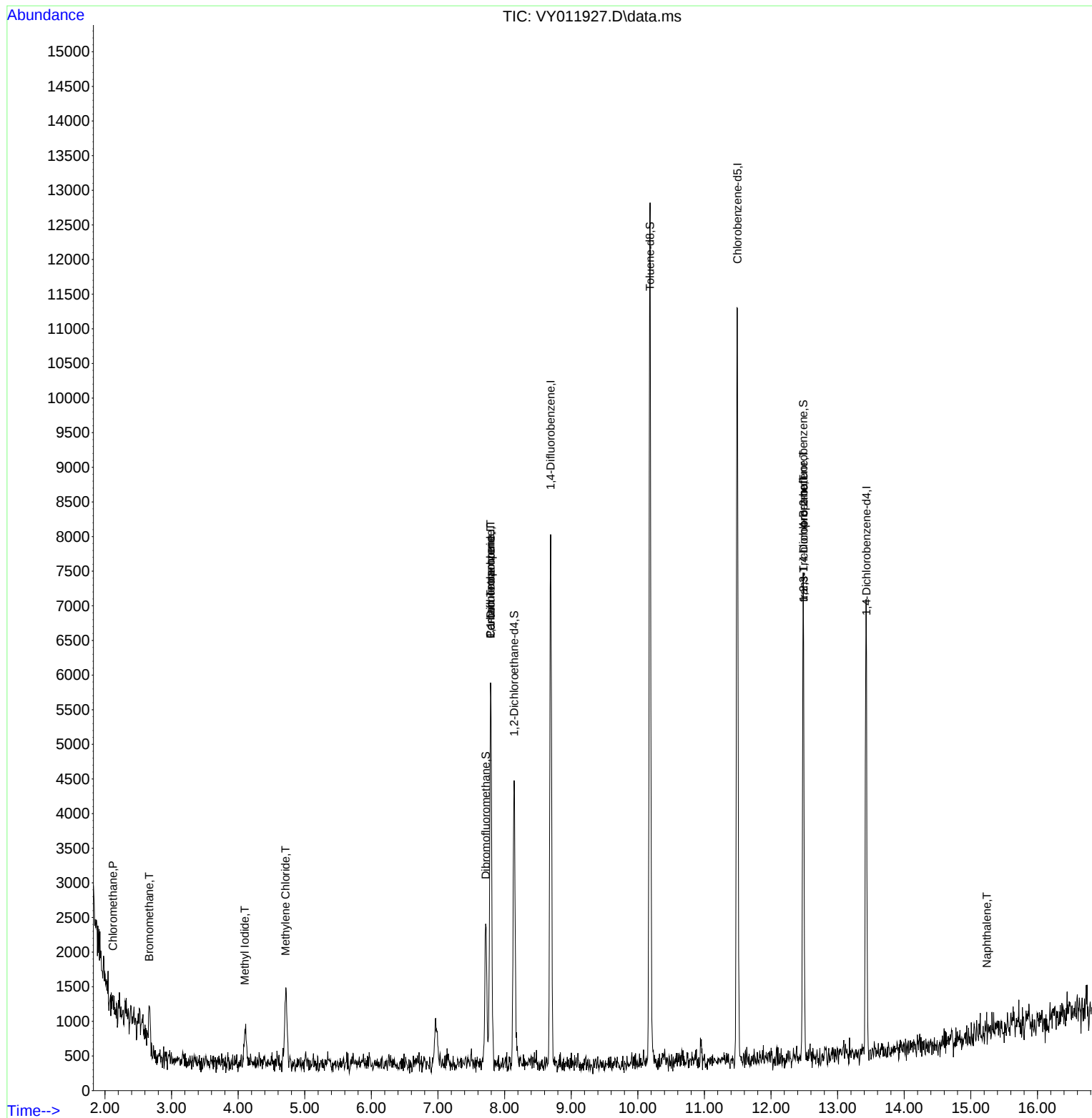
Internal Standards						
1) Pentafluorobenzene	7.789	168	4587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	6965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3499	75.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.420%	
35) Dibromofluoromethane	7.716	113	1584	36.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 73.500%	
50) Toluene-d8	10.185	98	9020	51.576	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.160%	
62) 4-Bromofluorobenzene	12.483	95	2340	39.783	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.560%	
Target Compounds						Qvalue
3) Chloromethane	2.119	50	166	4.066	ug/l #	41
5) Bromomethane	2.662	94	278	8.679	ug/l #	72
10) Methyl Iodide	4.100	142	763	12.711	ug/l #	73
20) Methylene Chloride	4.710	84	855	11.431	ug/l #	75
36) 1,1-Dichloropropene	7.789	75	266	3.847	ug/l #	41
38) Carbon Tetrachloride	7.789	117	503	6.299	ug/l #	14
76) 1,2,3-Trichloropropane	12.489	75	1184	45.900	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	1184	125.698	ug/l #	13
95) Naphthalene	15.239	128	105	4.077	ug/l #	69

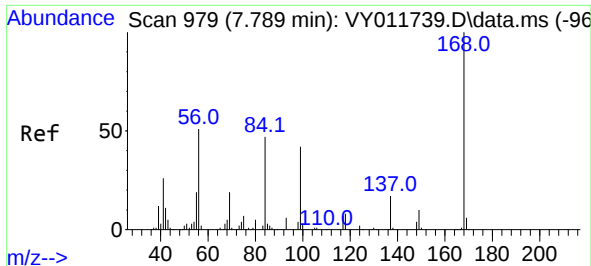
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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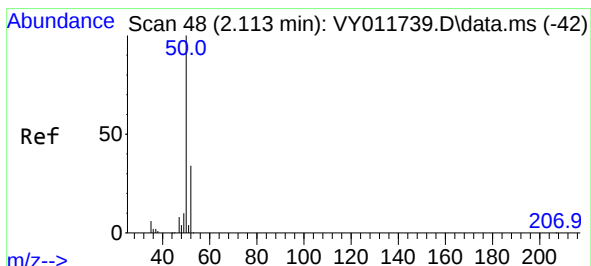
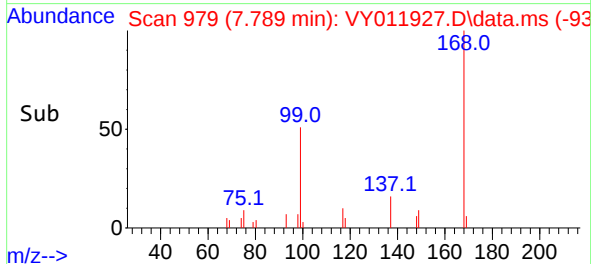
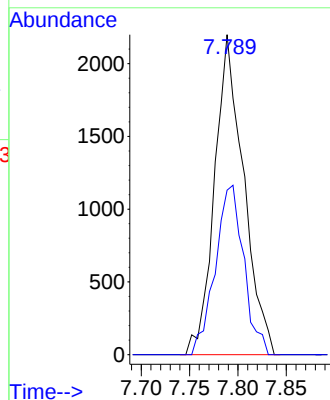
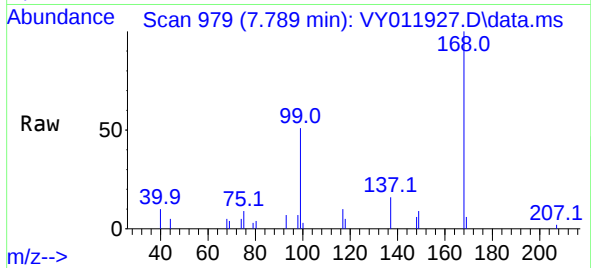




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

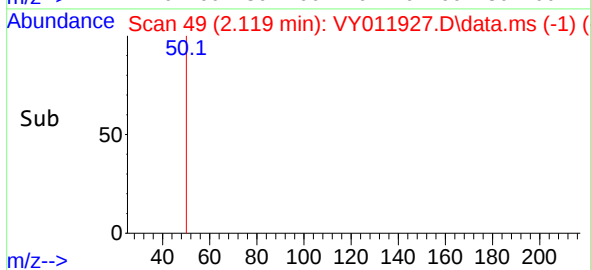
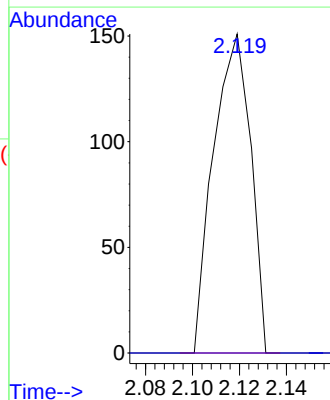
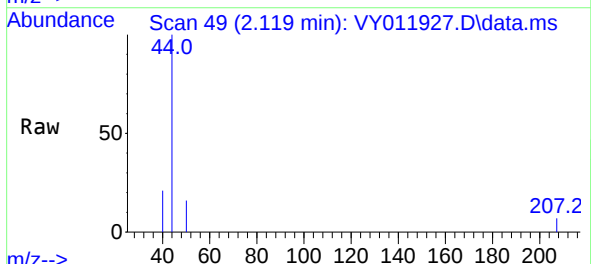
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201RE

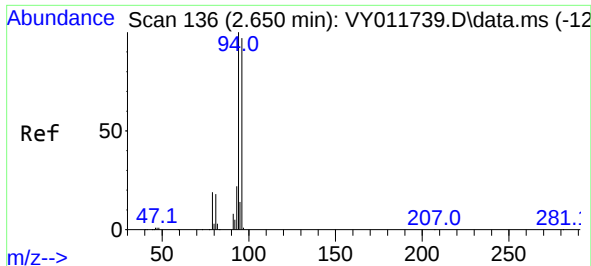
Tgt Ion:168 Resp: 4587
Ion Ratio Lower Upper
168 100
99 51.4 44.0 66.0



#3
Chloromethane
Concen: 4.066 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Tgt Ion: 50 Resp: 166
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

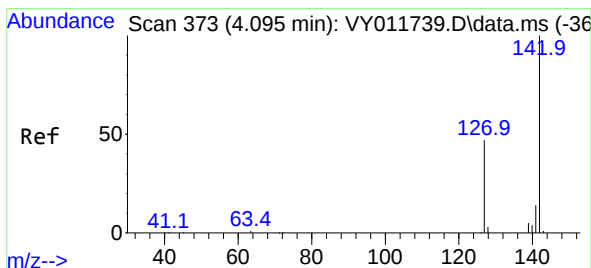
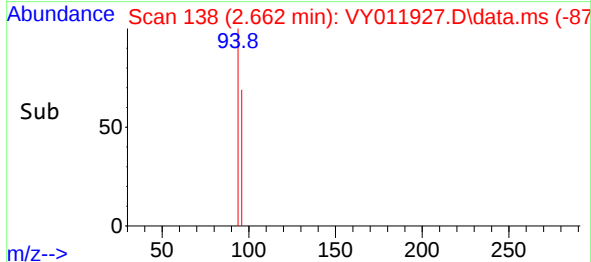
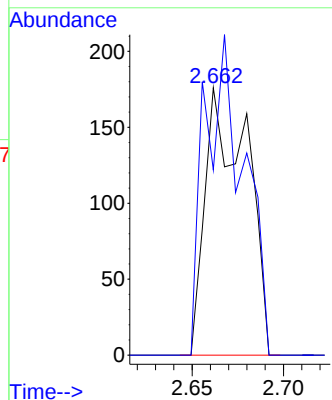
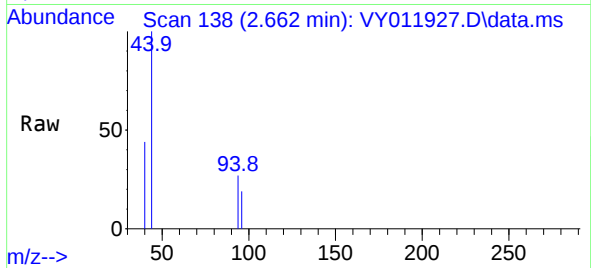




#5
Bromomethane
Concen: 8.679 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

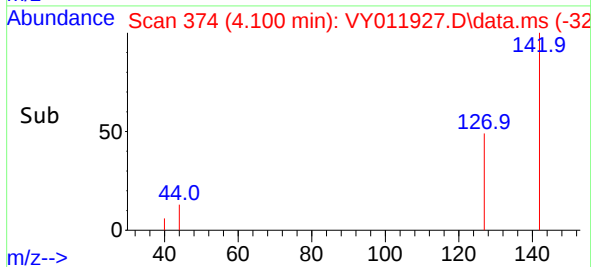
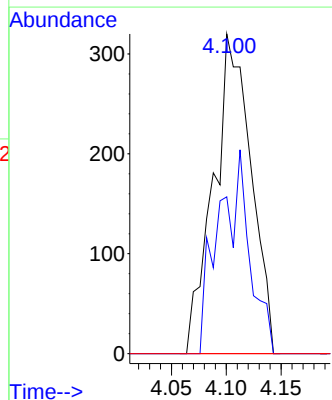
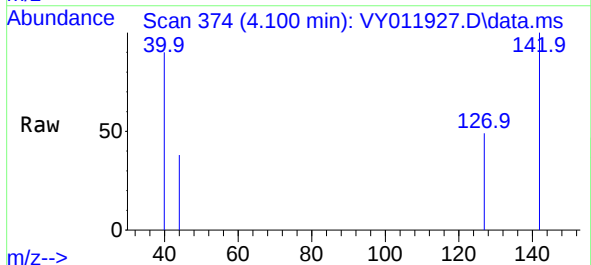
Instrument :
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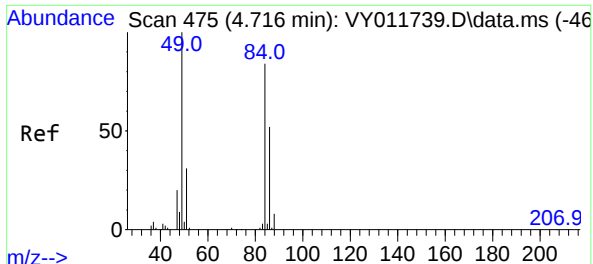
Tgt Ion: 94 Resp: 278
Ion Ratio Lower Upper
94 100
96 69.3 77.4 116.2#



#10
Methyl Iodide
Concen: 12.711 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.005 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Tgt Ion: 142 Resp: 763
Ion Ratio Lower Upper
142 100
127 29.6 37.0 55.4#
141 0.0 11.4 17.0#

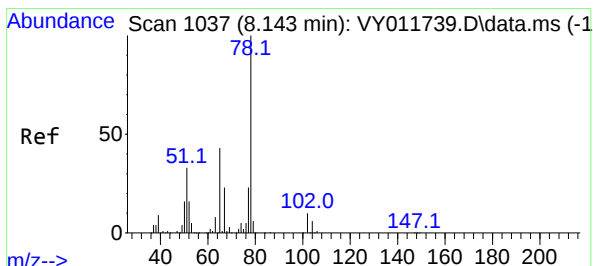
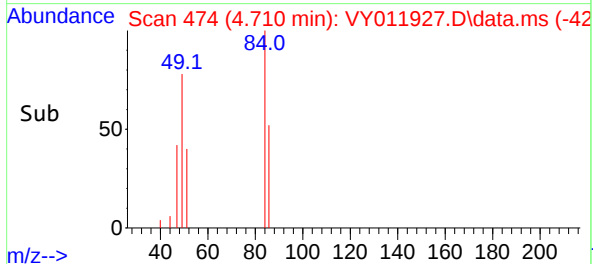
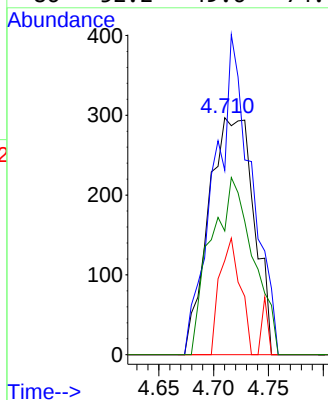
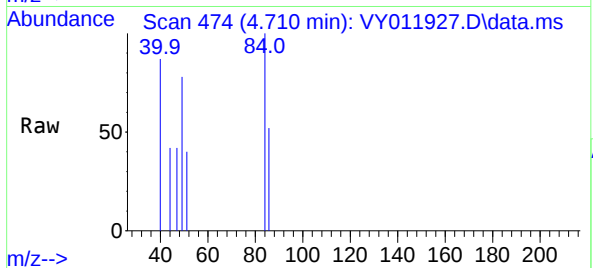




#20
Methylene Chloride
Concen: 11.431 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

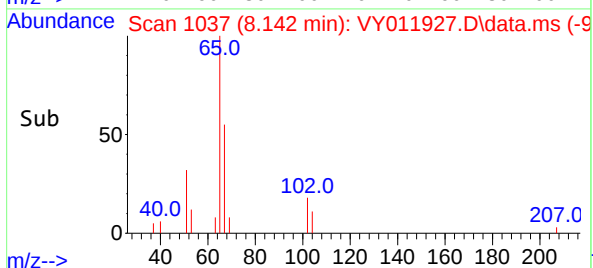
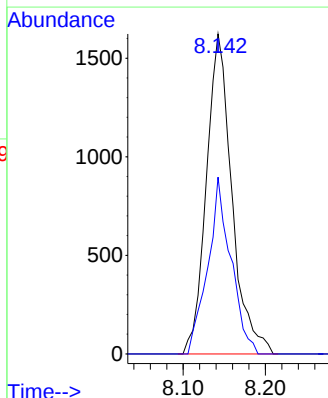
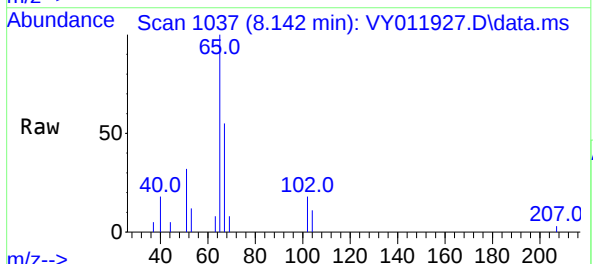
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201RE

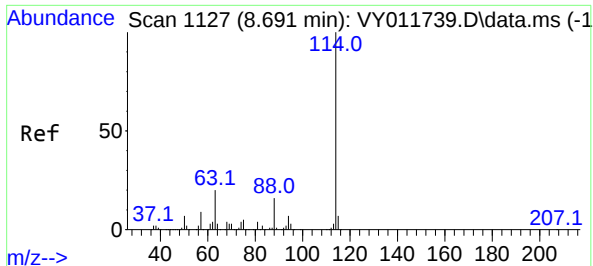
Tgt Ion:	84	Resp:	855
Ion	Ratio	Lower	Upper
84	100		
49	77.8	95.4	143.2#
51	39.7	29.9	44.9
86	52.2	49.6	74.4



#33
1,2-Dichloroethane-d4
Concen: 75.715 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Tgt Ion:	65	Resp:	3499
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011927.D

Acq: 20 Dec 2022 17:10

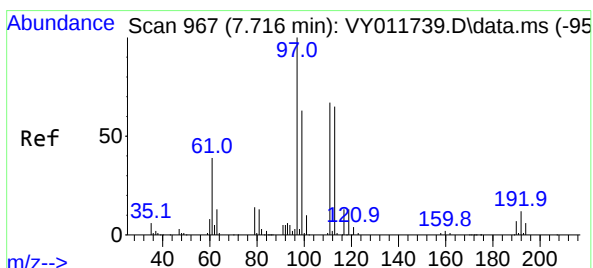
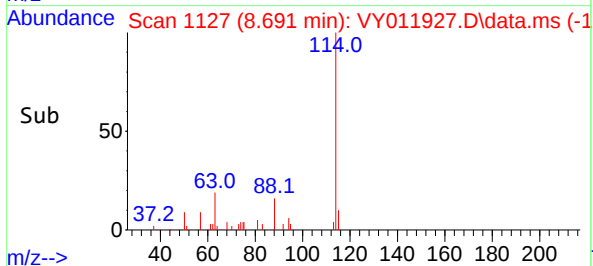
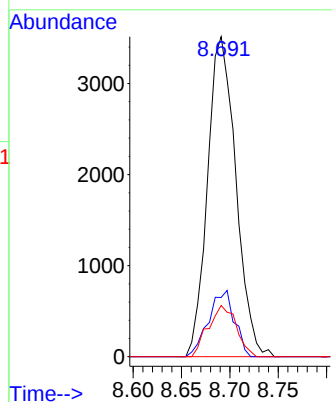
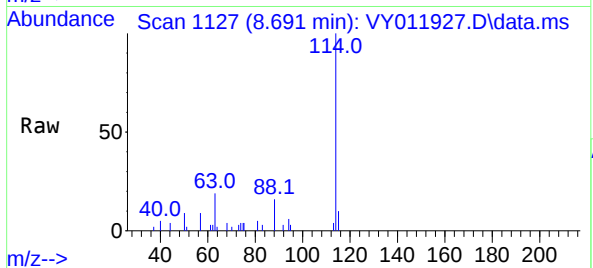
Instrument :

MSVOA_Y

ClientSampleId :

VNJ-201RE

Tgt Ion:114	Resp:	7160
Ion	Ratio	Lower Upper
114	100	
63	18.5	0.0 39.6
88	16.0	0.0 32.2



#35

Dibromofluoromethane

Concen: 36.747 ug/l

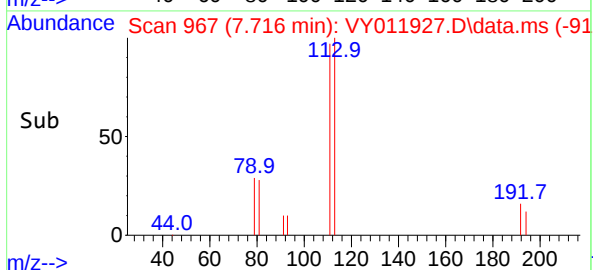
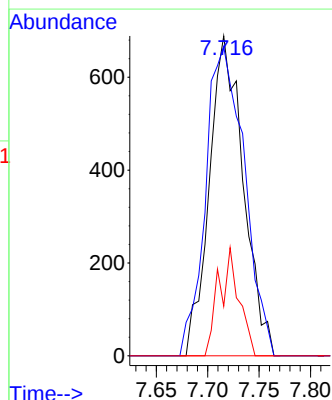
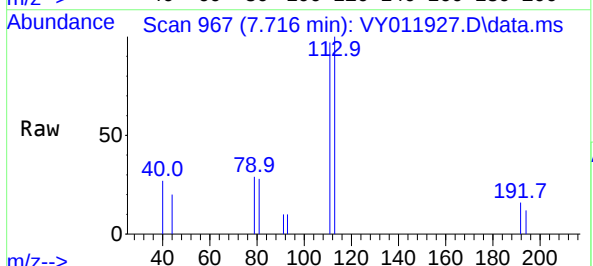
RT: 7.716 min Scan# 967

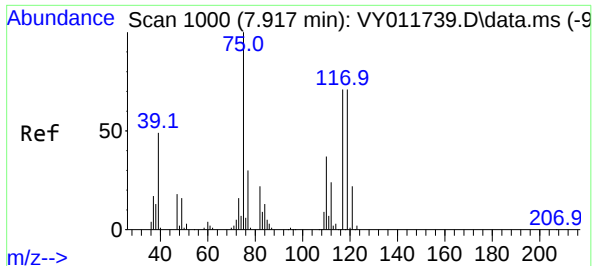
Delta R.T. -0.000 min

Lab File: VY011927.D

Acq: 20 Dec 2022 17:10

Tgt Ion:113	Resp:	1584
Ion	Ratio	Lower Upper
113	100	
111	110.3	83.0 124.4
192	20.1	16.0 24.0





#36

1,1-Dichloropropene

Concen: 3.847 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011927.D

Acq: 20 Dec 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-201RE

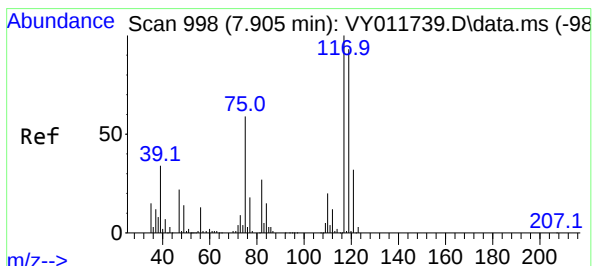
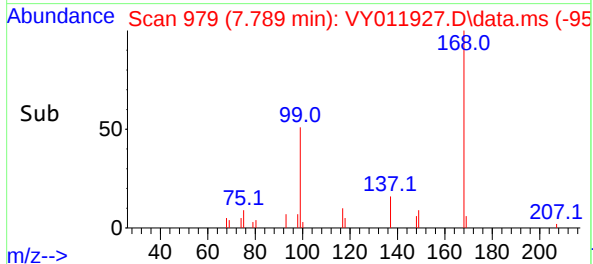
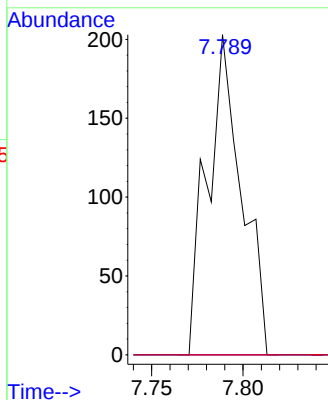
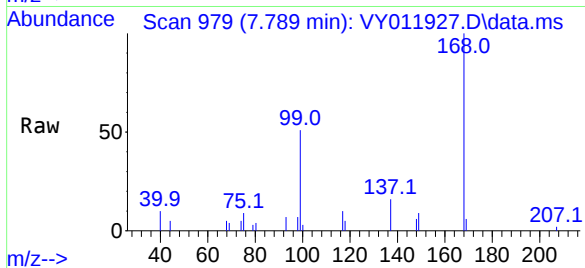
Tgt Ion: 75 Resp: 266

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.299 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011927.D

Acq: 20 Dec 2022 17:10

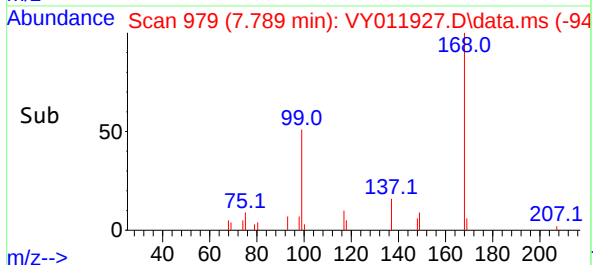
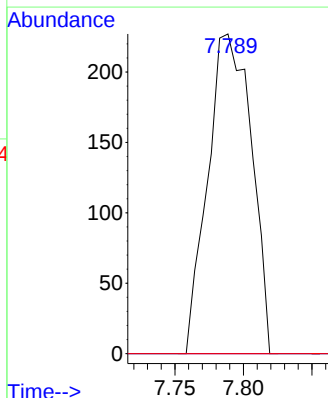
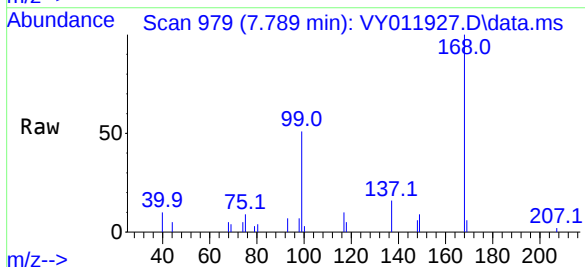
Tgt Ion: 117 Resp: 503

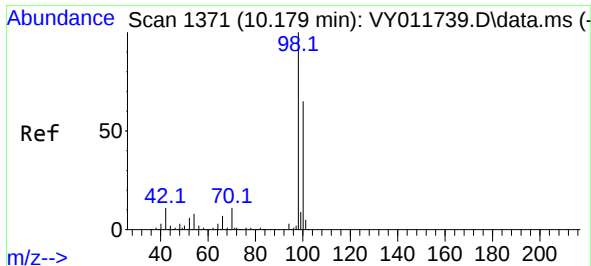
Ion Ratio Lower Upper

117 100

119 0.0 73.8 110.8#

121 0.0 25.2 37.8#

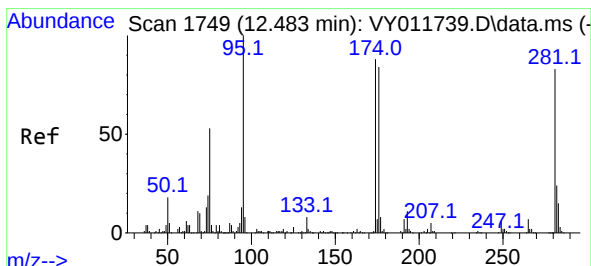
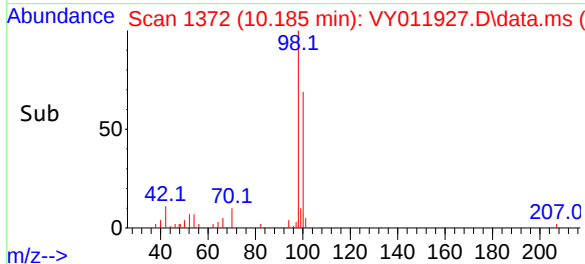
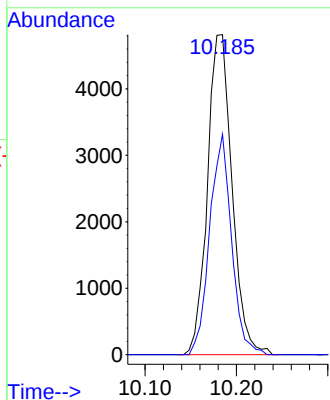
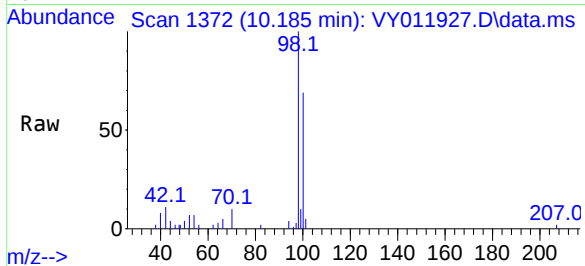




#50
Toluene-d8
Concen: 51.576 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

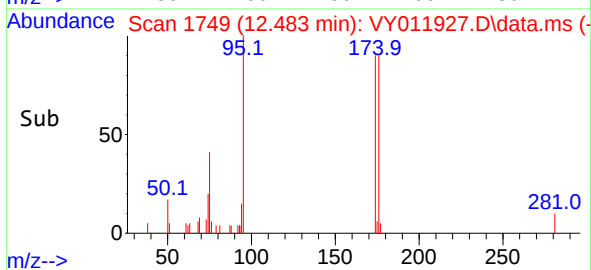
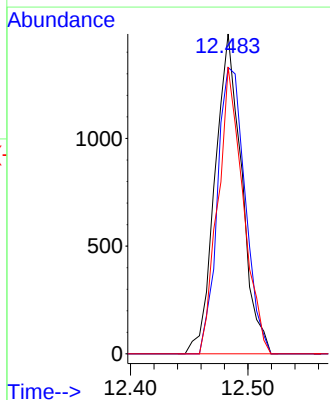
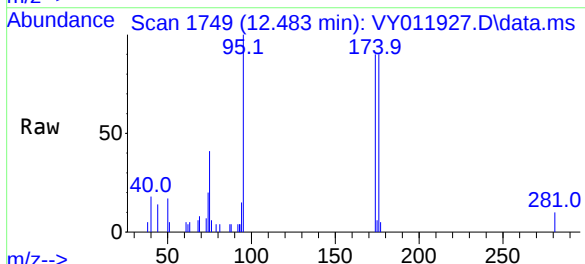
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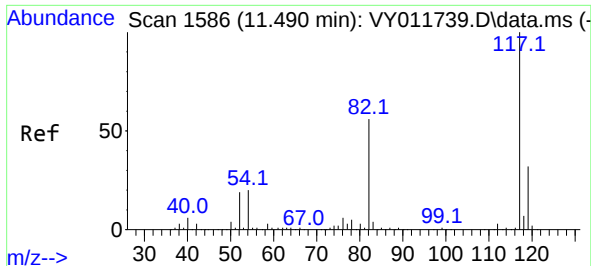
Tgt Ion: 98 Resp: 9020
Ion Ratio Lower Upper
98 100
100 61.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.783 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Tgt Ion: 95 Resp: 2340
Ion Ratio Lower Upper
95 100
174 93.0 0.0 172.0
176 84.9 0.0 167.6

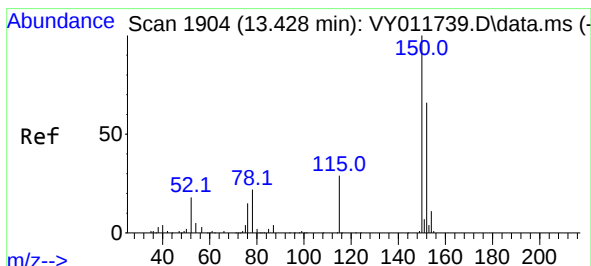
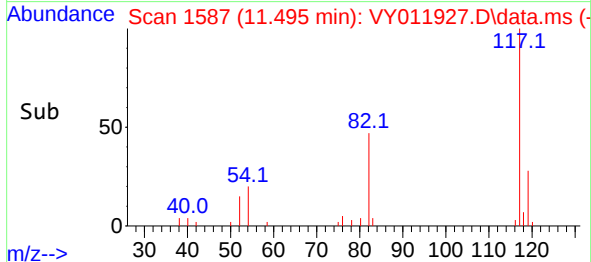
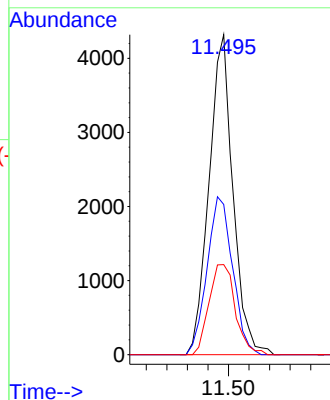
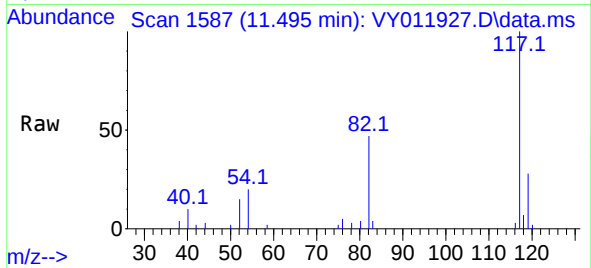




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

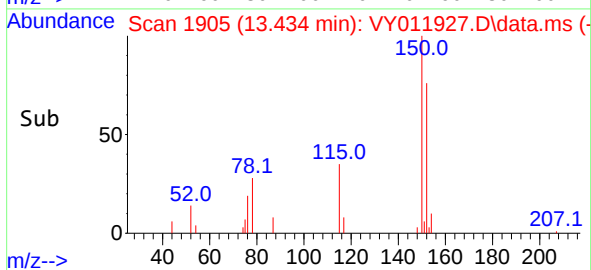
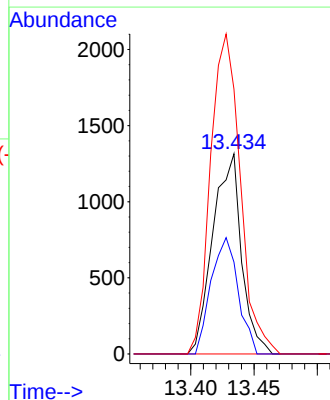
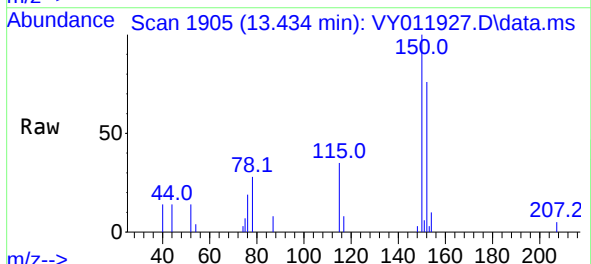
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201RE

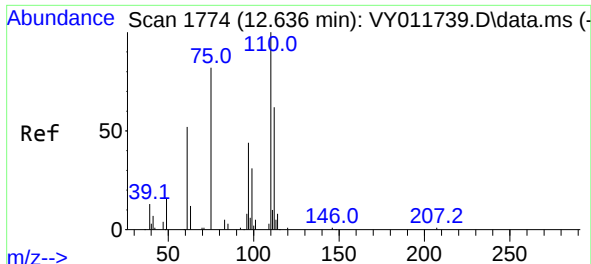
Tgt Ion:117	Resp:	6965
Ion	Ratio	Lower Upper
117	100	
82	47.0	44.8 67.2
119	28.1	25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Tgt Ion:152	Resp:	2073
Ion	Ratio	Lower Upper
152	100	
115	54.8	29.1 87.3
150	165.2	0.0 342.6

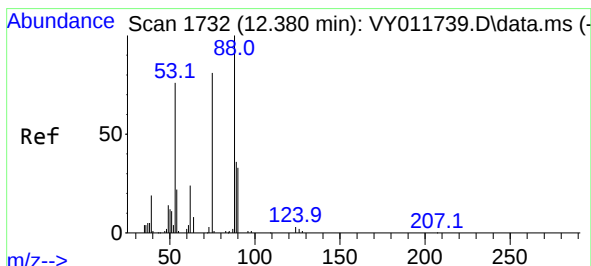
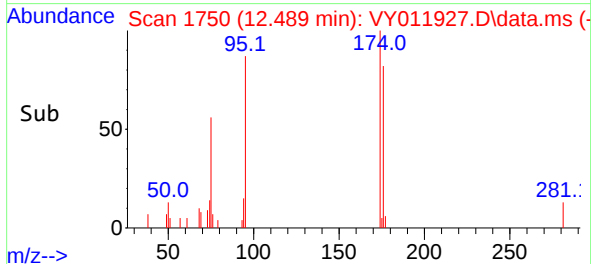
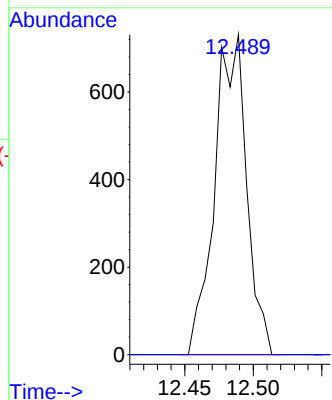
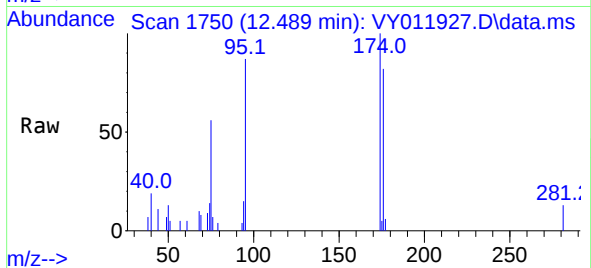




#76
1,2,3-Trichloropropane
Concen: 45.900 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

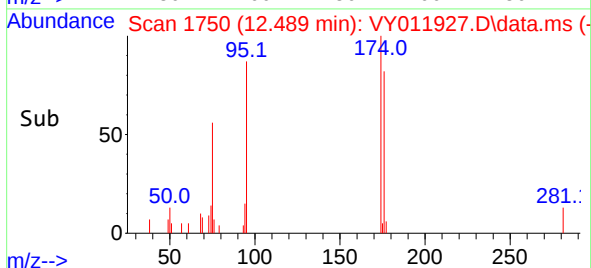
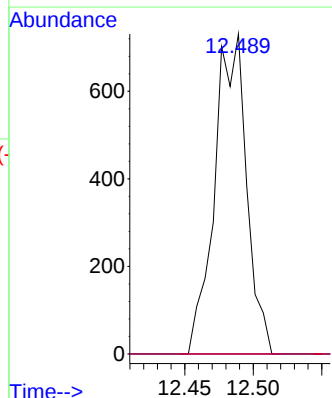
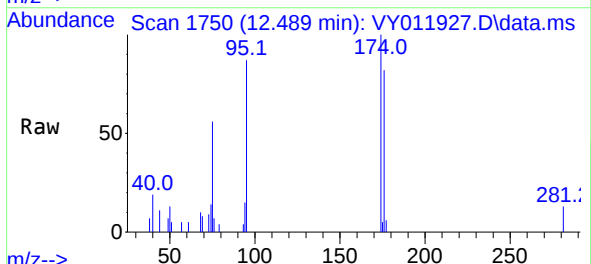
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201RE

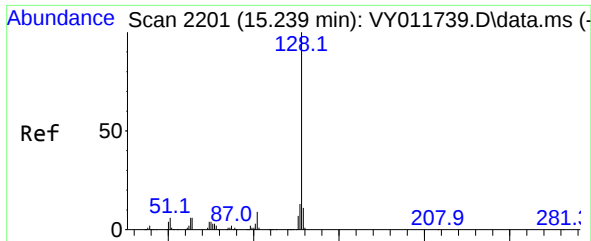
Tgt Ion: 75 Resp: 1184
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 125.698 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.109 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

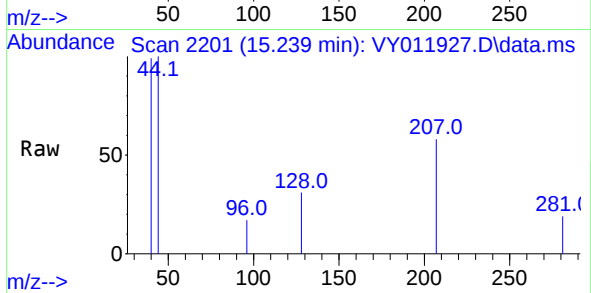
Tgt Ion: 75 Resp: 1184
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.077 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201RE



Tgt Ion:	128	Resp:	105
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.8	13.2#

