

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021625.D
 Acq On : 24 Mar 2025 17:58
 Operator : SY/MD
 Sample : Q1630-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

Quant Time: Mar 25 01:32:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

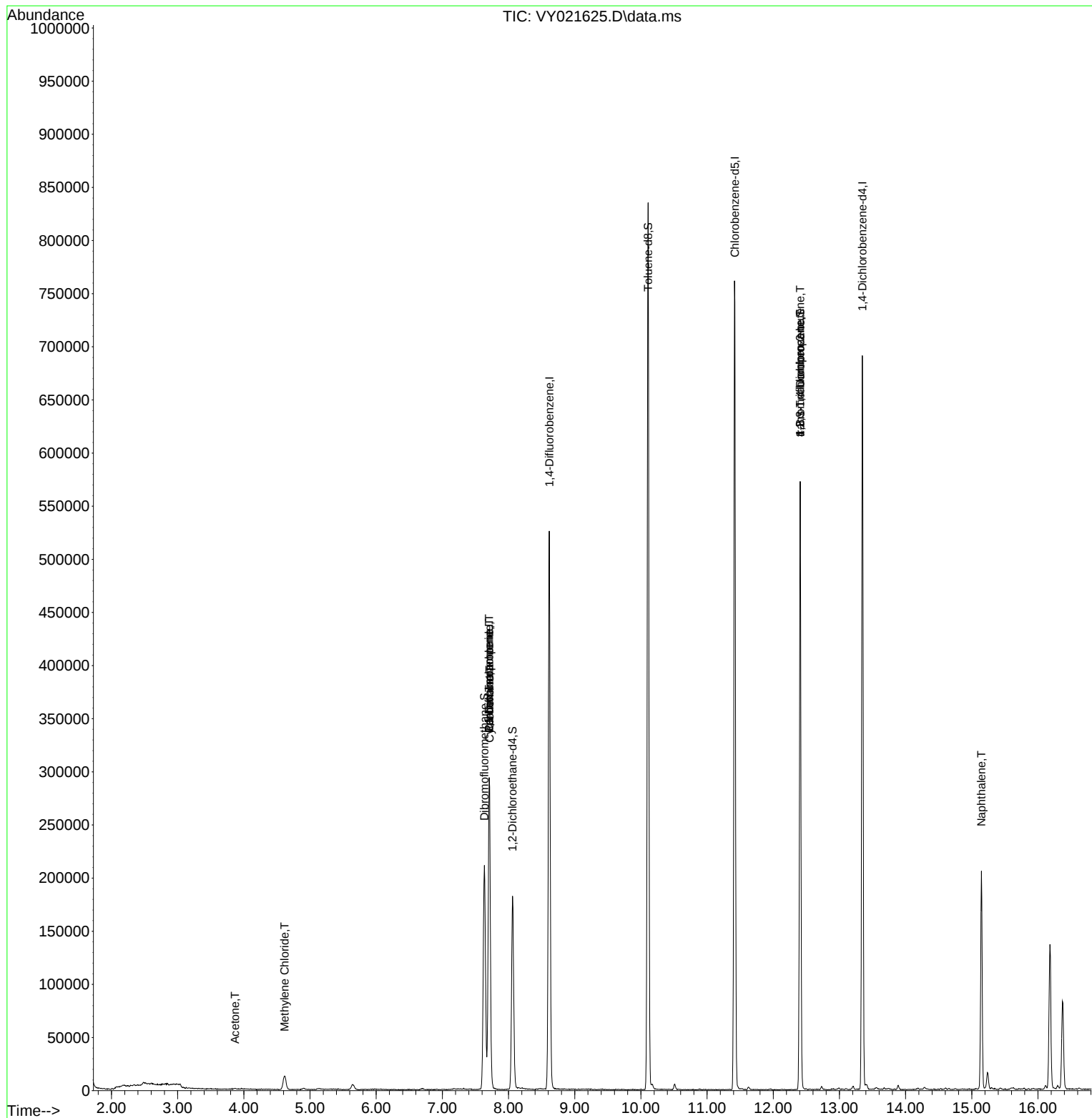
Internal Standards						
1) Pentafluorobenzene	7.707	168	217386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	422062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	393683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	166236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	142335	61.948	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.900%	
35) Dibromofluoromethane	7.634	113	146059	52.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.300%	
50) Toluene-d8	10.109	98	528149	50.279	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	12.408	95	165864	46.420	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.840%	
Target Compounds						
11) Tert butyl alcohol	4.836	59	70	Below Cal	#	72
16) Acetone	3.866	43	1305	2.604	ug/l	95
20) Methylene Chloride	4.616	84	9593	3.647	ug/l #	87
31) Cyclohexane	7.713	56	5382	1.251	ug/l #	20
36) 1,1-Dichloropropene	7.707	75	18198	4.191	ug/l #	49
38) Carbon Tetrachloride	7.707	117	23418	4.689	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	89016	53.140	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	89016	120.803	ug/l #	9
95) Naphthalene	15.145	128	156039	33.873	ug/l	99

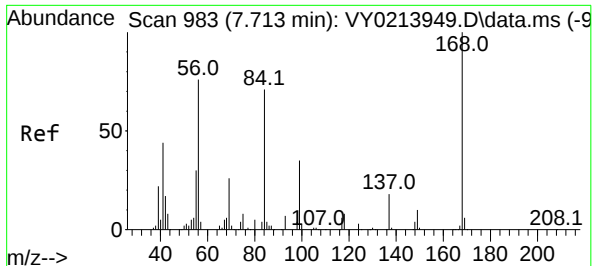
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
Data File : VY021625.D
Acq On : 24 Mar 2025 17:58
Operator : SY/MD
Sample : Q1630-01
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

Quant Time: Mar 25 01:32:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

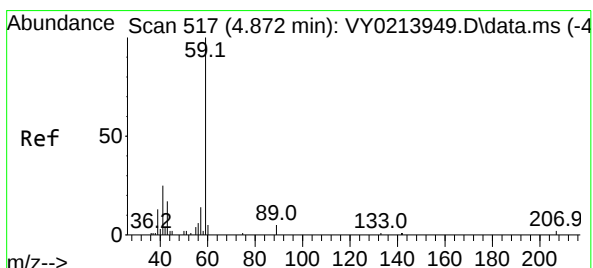
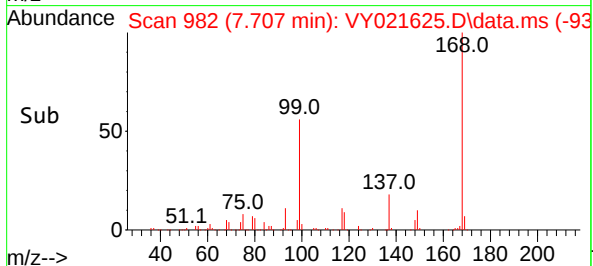
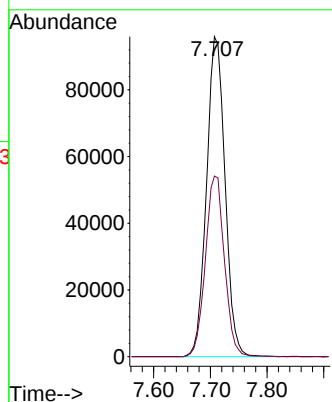
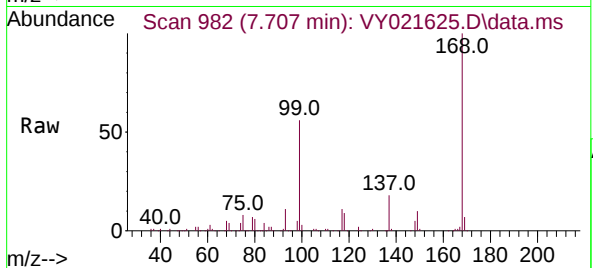




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

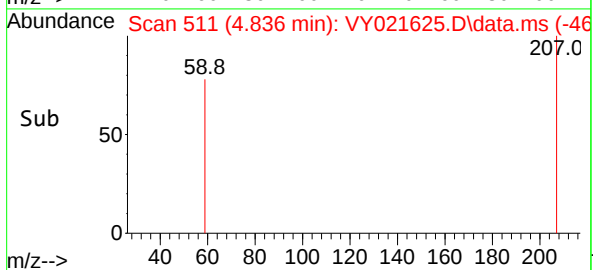
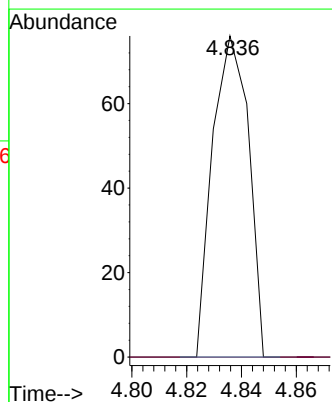
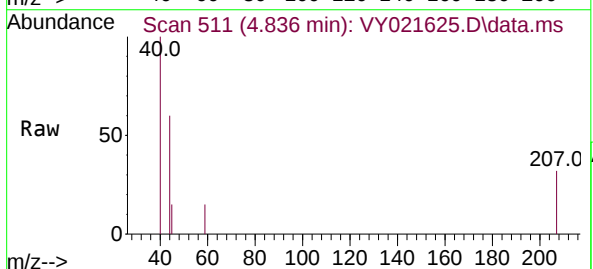
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

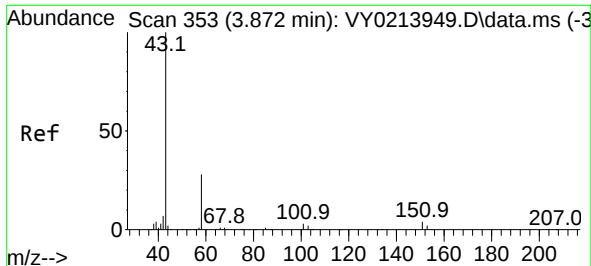
Tgt Ion:168 Resp: 217386
Ion Ratio Lower Upper
168 100
99 56.4 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.836 min Scan# 511
Delta R.T. -0.036 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

Tgt Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

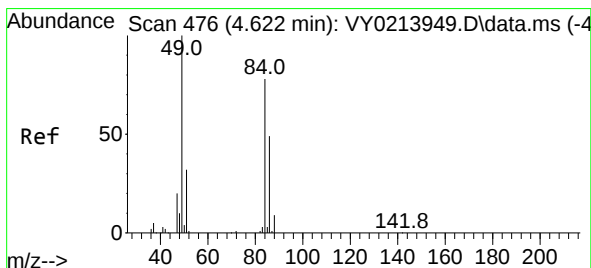
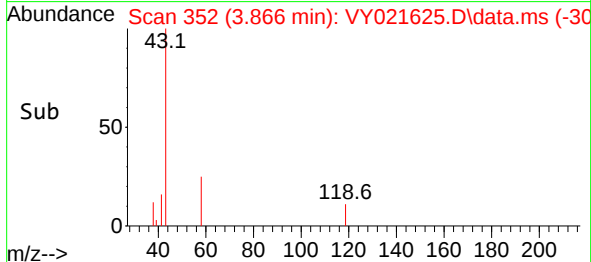
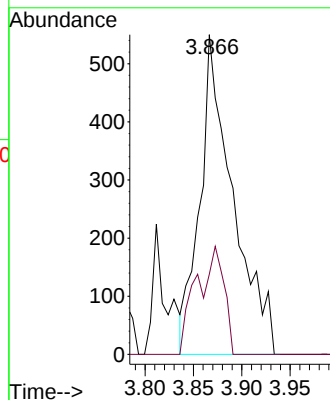
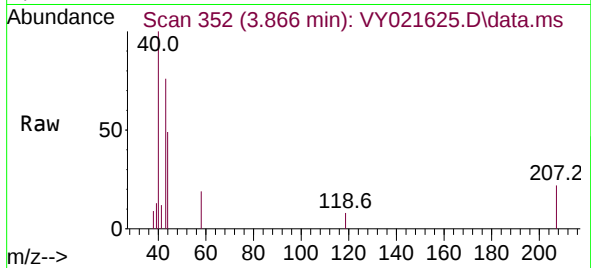




#16
Acetone
Concen: 2.604 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

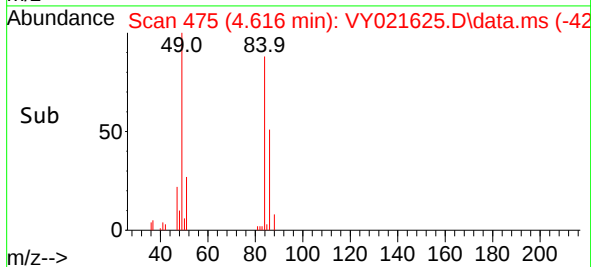
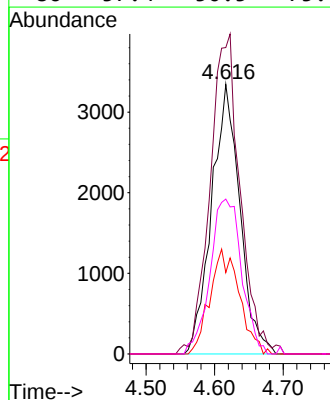
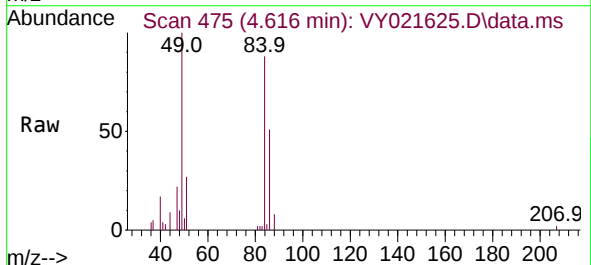
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

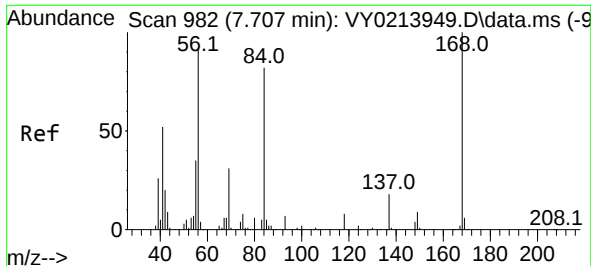
Tgt Ion: 43 Resp: 1305
Ion Ratio Lower Upper
43 100
58 25.1 22.1 33.1



#20
Methylene Chloride
Concen: 3.647 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

Tgt Ion: 84 Resp: 9593
Ion Ratio Lower Upper
84 100
49 111.6 102.0 153.0
51 30.2 33.0 49.6#
86 57.4 50.5 75.7

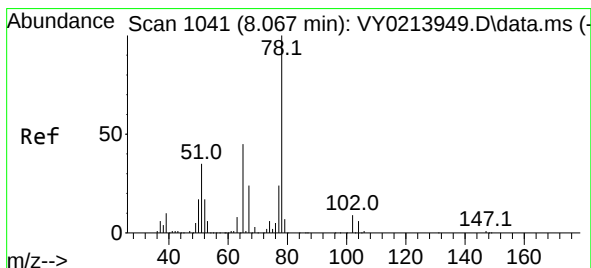
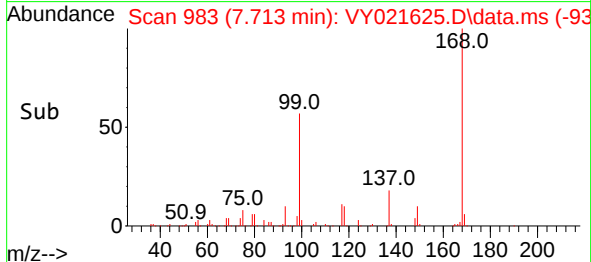
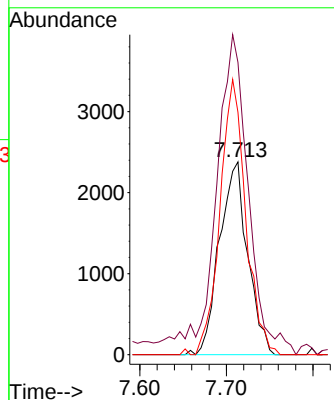
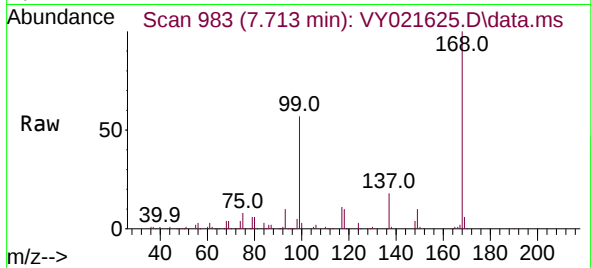




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

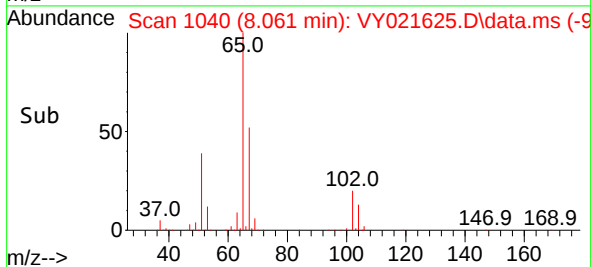
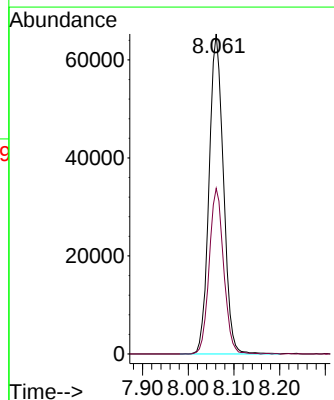
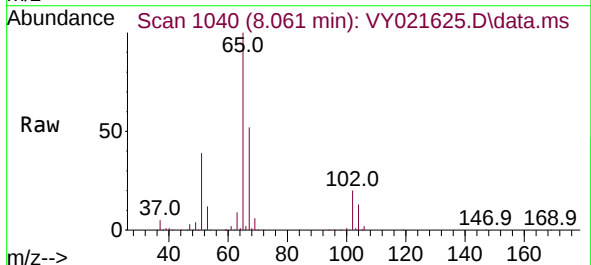
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

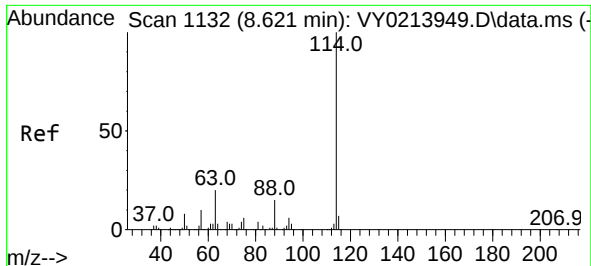
Tgt Ion: 56 Resp: 5382
Ion Ratio Lower Upper
56 100
69 140.3 27.0 40.4#
84 125.7 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 61.948 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

Tgt Ion: 65 Resp: 142335
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.8

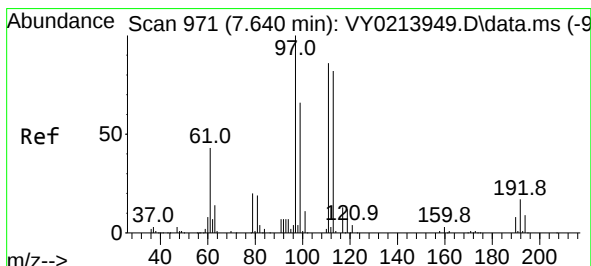
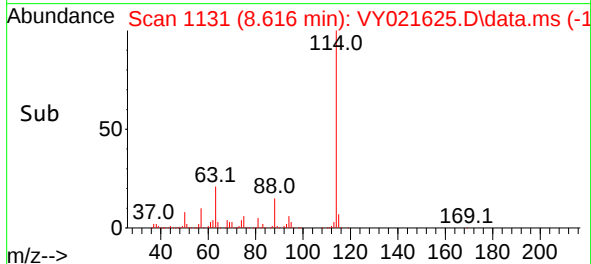
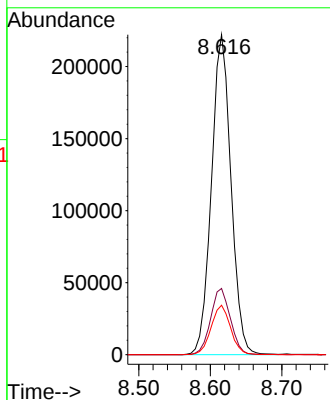
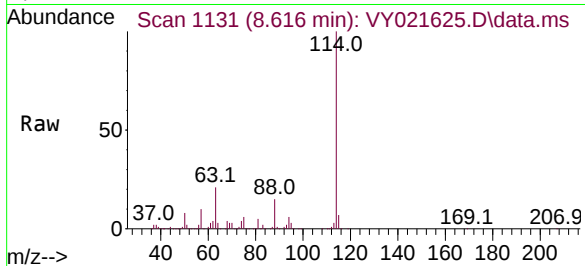




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

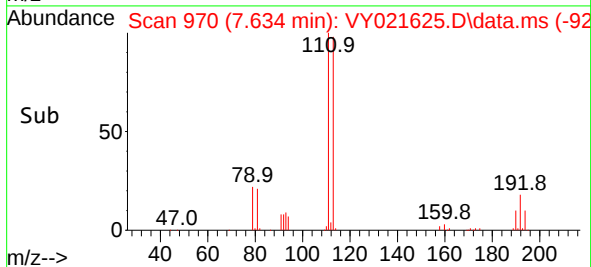
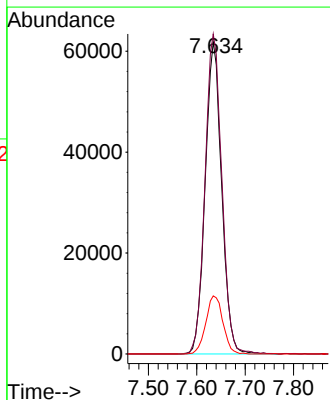
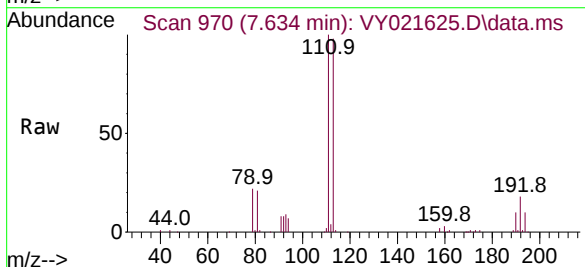
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

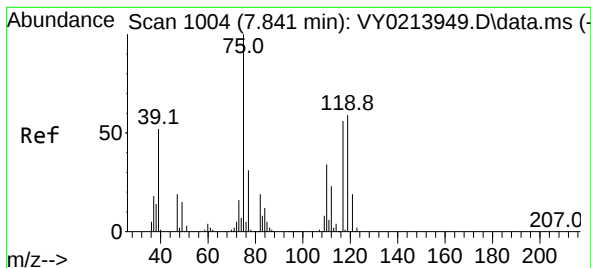
Tgt Ion:114 Resp: 422062
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.648 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

Tgt Ion:113 Resp: 146059
Ion Ratio Lower Upper
113 100
111 104.8 82.0 123.0
192 19.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.191 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY021625.D

Acq: 24 Mar 2025 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-206

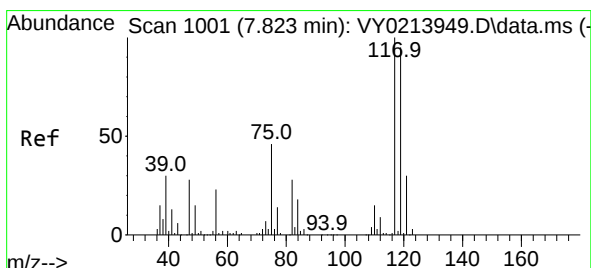
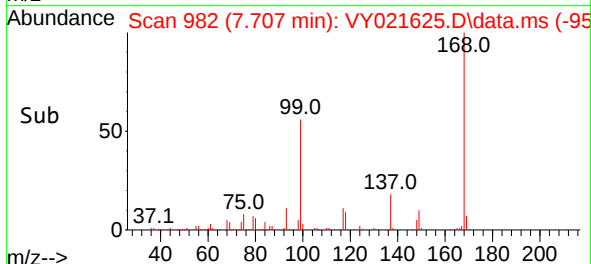
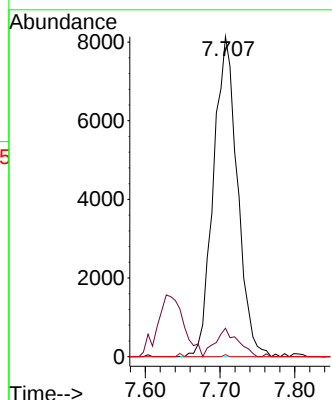
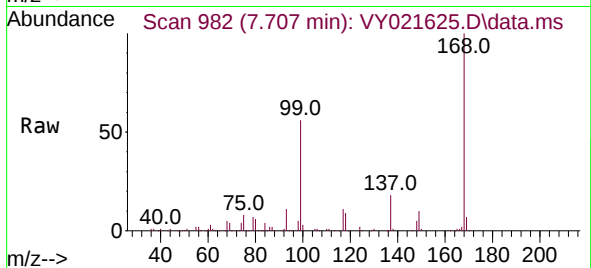
Tgt Ion: 75 Resp: 18198

Ion Ratio Lower Upper

75 100

110 8.2 17.3 51.7#

77 0.1 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 4.689 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.115 min

Lab File: VY021625.D

Acq: 24 Mar 2025 17:58

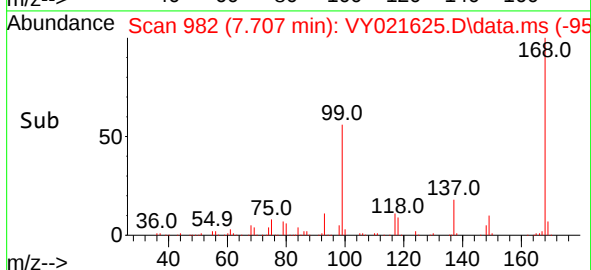
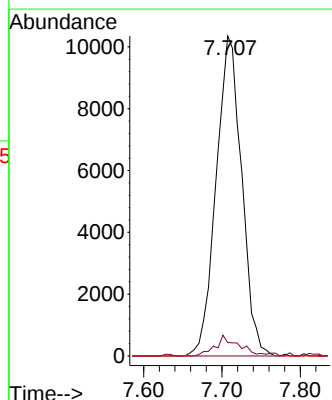
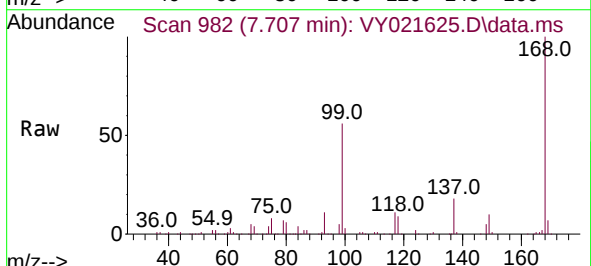
Tgt Ion: 117 Resp: 23418

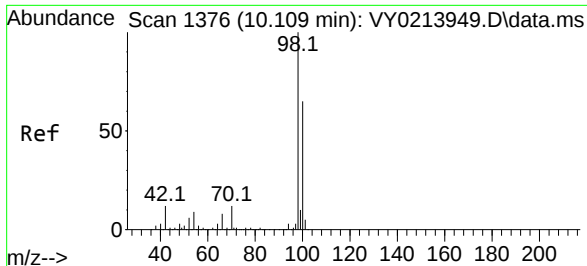
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

121 0.0 23.9 35.9#

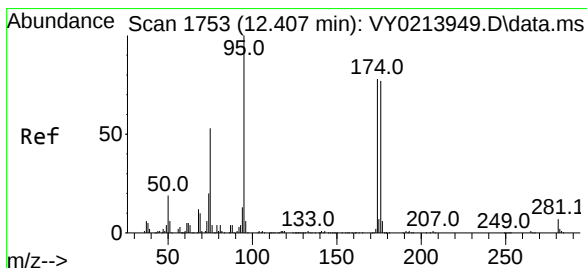
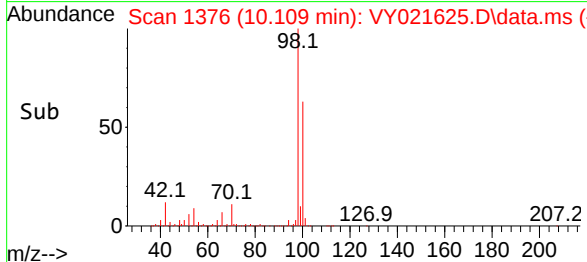
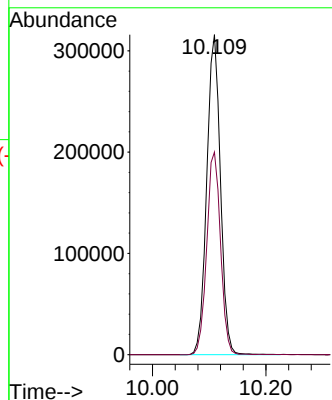
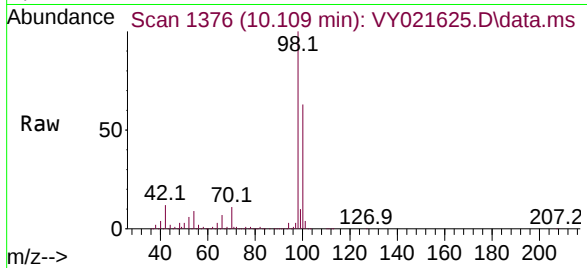




#50
Toluene-d8
Concen: 50.279 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

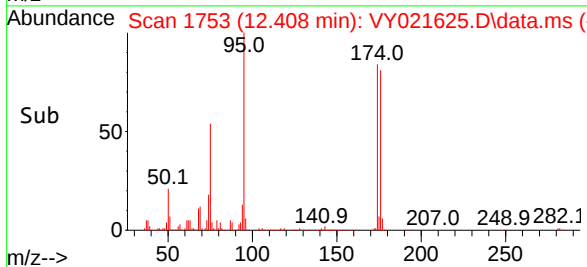
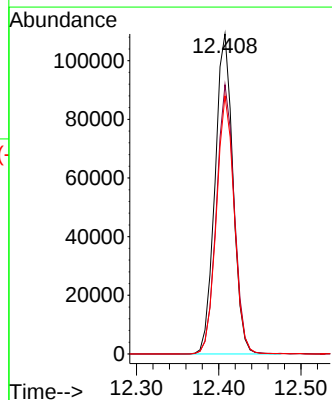
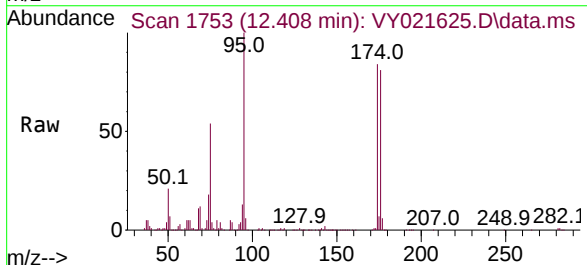
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

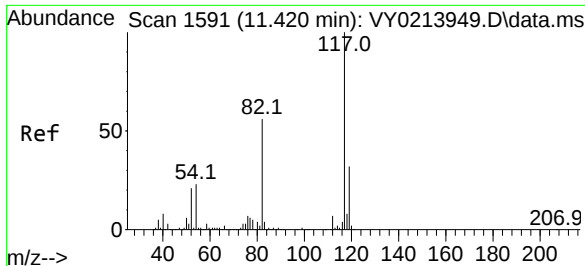
Tgt Ion: 98 Resp: 528149
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.420 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

Tgt Ion: 95 Resp: 165864
Ion Ratio Lower Upper
95 100
174 83.6 0.0 165.0
176 80.1 0.0 160.0

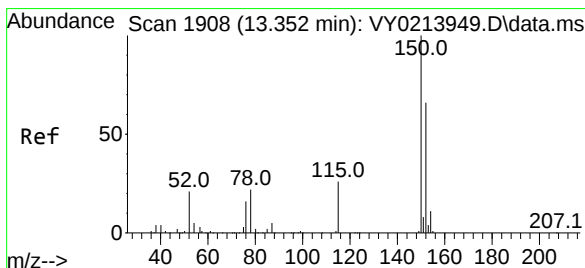
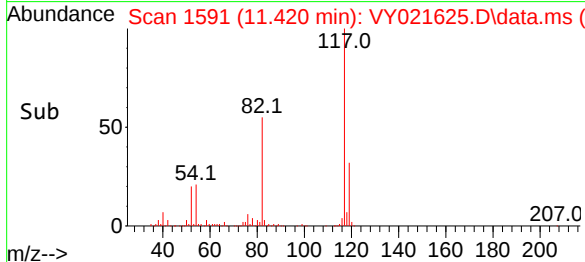
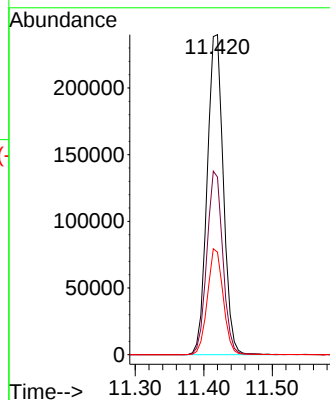
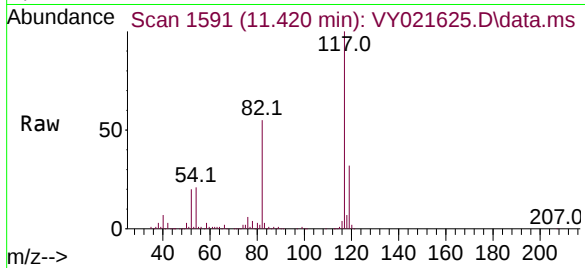




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

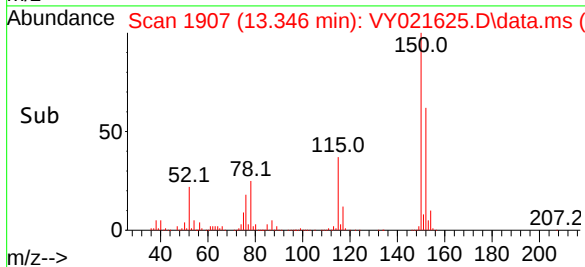
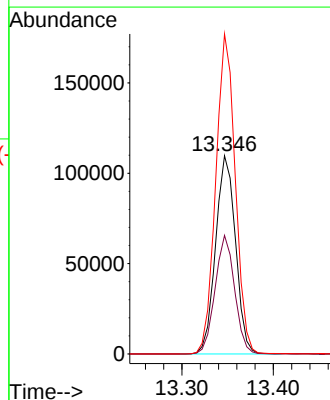
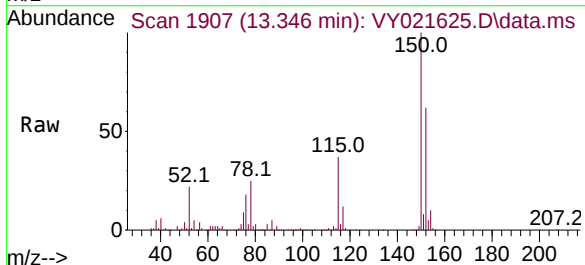
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

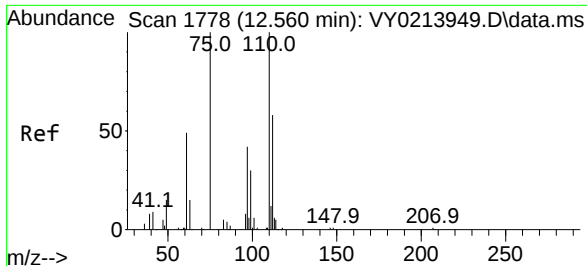
Tgt Ion:117 Resp: 393683
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021625.D
Acq: 24 Mar 2025 17:58

Tgt Ion:152 Resp: 166236
Ion Ratio Lower Upper
152 100
115 58.5 29.0 87.0
150 158.0 0.0 347.2

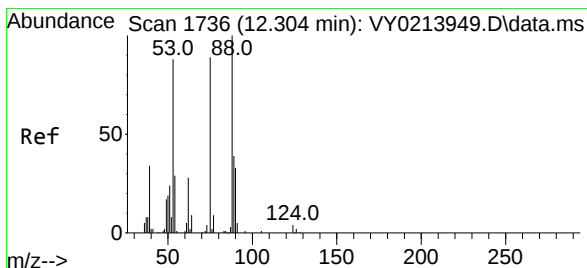
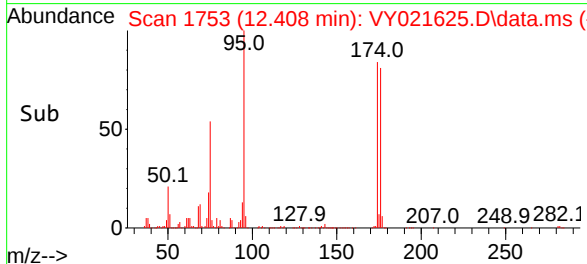
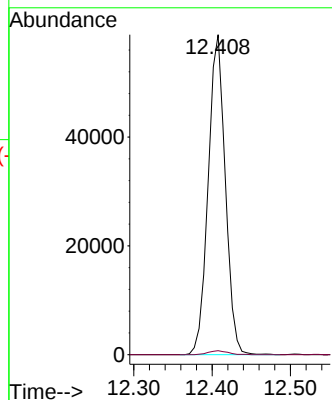
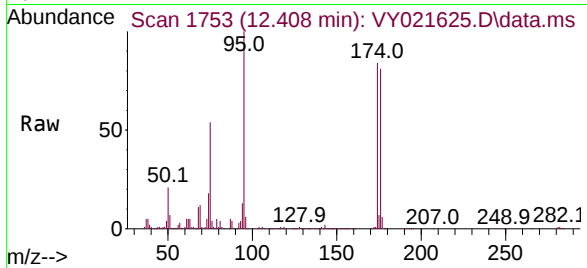




#76
 1,2,3-Trichloropropane
 Concen: 53.140 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY021625.D
 Acq: 24 Mar 2025 17:58

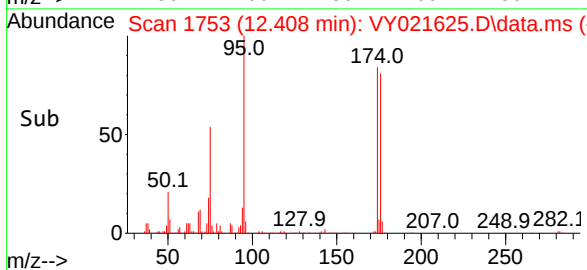
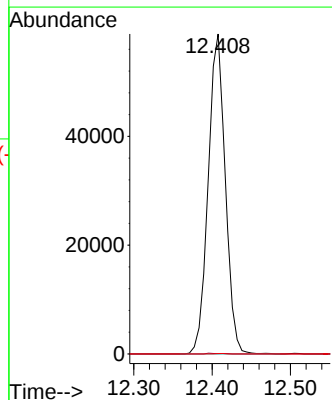
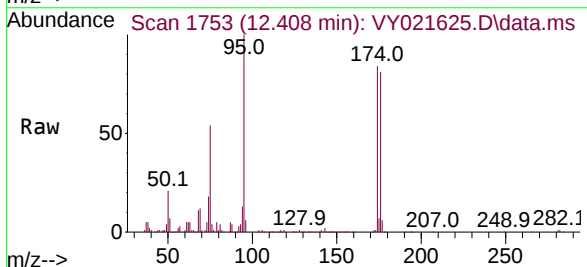
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

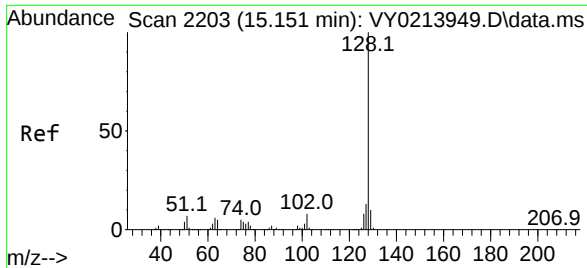
Tgt Ion: 75 Resp: 89016
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.803 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.104 min
 Lab File: VY021625.D
 Acq: 24 Mar 2025 17:58

Tgt Ion: 75 Resp: 89016
 Ion Ratio Lower Upper
 75 100
 53 0.2 81.0 121.4#
 89 0.1 36.9 55.3#





#95

Naphthalene

Concen: 33.873 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021625.D

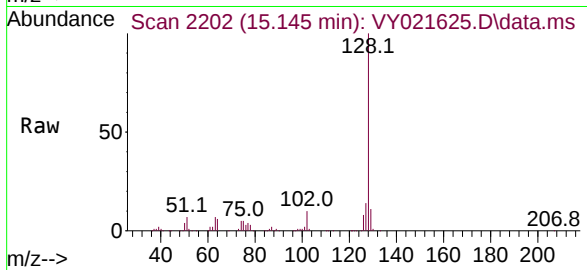
Acq: 24 Mar 2025 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-206



Tgt Ion:128 Resp: 156039

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.2 8.6 13.0

