

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073877.D
 Acq On : 20 Jul 2022 13:28
 Operator : VA/SY
 Sample : N3693-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-230

Quant Time: Jul 20 16:29:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

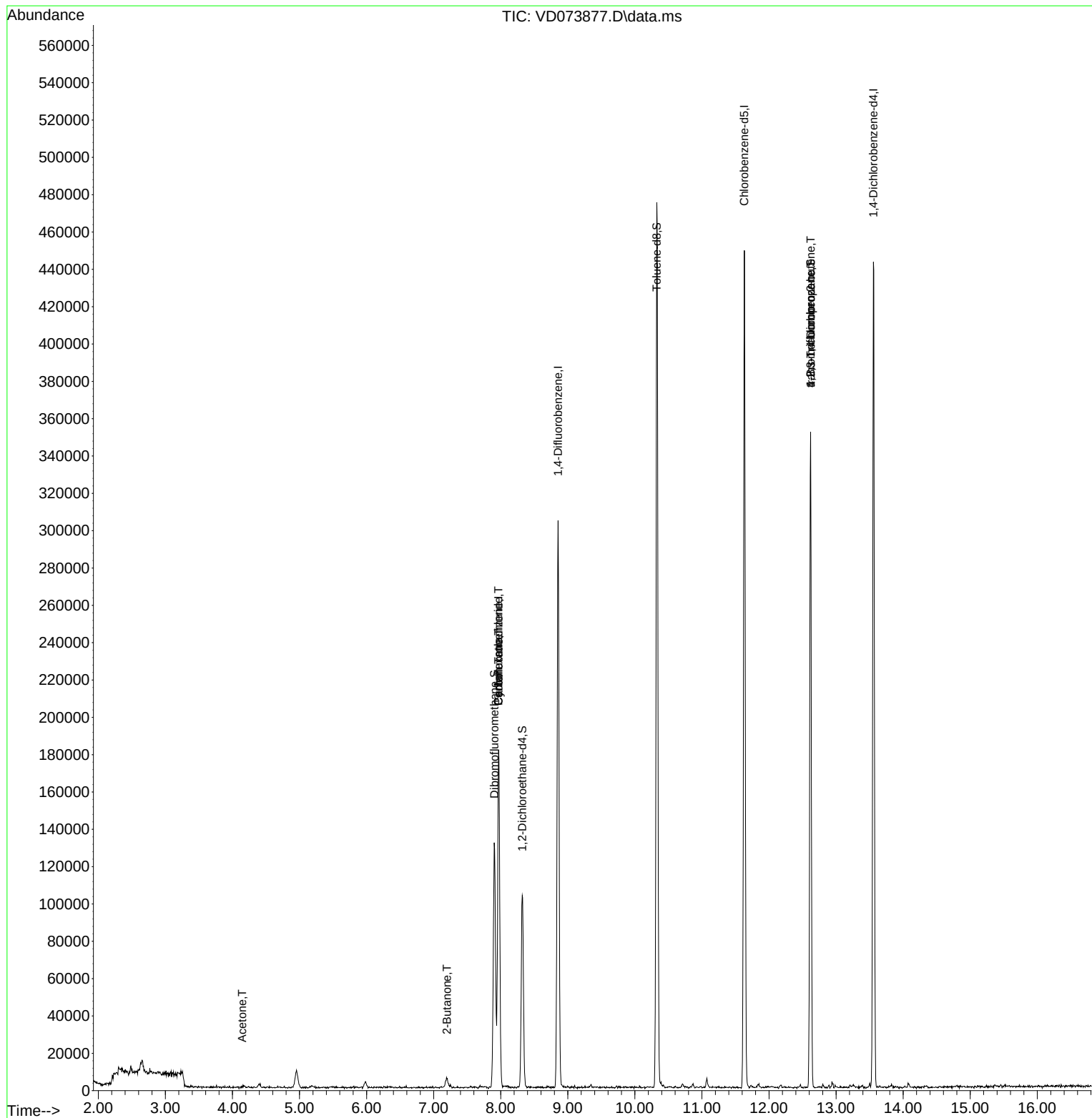
Internal Standards						
1) Pentafluorobenzene	7.967	168	128368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	256205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	249741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	113876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	83654	54.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.140%	
35) Dibromofluoromethane	7.903	113	89845	49.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.420%	
50) Toluene-d8	10.326	98	322646	49.172	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	12.620	95	110377	48.926	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.860%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.997	85	347	Below Cal	#	43
3) Chloromethane	2.203	50	1543	Below Cal		99
11) Tert butyl alcohol	5.179	59	358	Below Cal	#	74
16) Acetone	4.144	43	700	2.783	ug/l #	47
18) Methyl Acetate	4.715	43	102	Below Cal	#	55
20) Methylene Chloride	4.956	84	6860	Below Cal	#	81
25) 2-Butanone	7.197	43	385	1.078	ug/l #	52
31) Cyclohexane	7.967	56	3775	1.550	ug/l #	9
38) Carbon Tetrachloride	7.967	117	14134	4.746	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	61073	49.984	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	61073	134.879	ug/l #	7

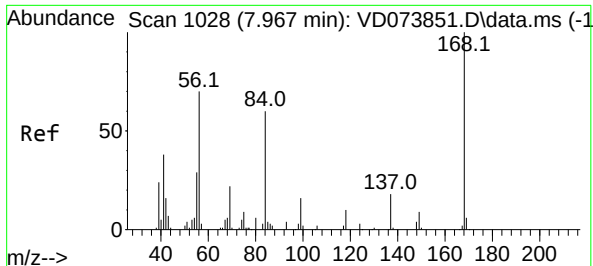
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
Data File : VD073877.D
Acq On : 20 Jul 2022 13:28
Operator : VA/SY
Sample : N3693-01
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-230

Quant Time: Jul 20 16:29:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 20 15:29:08 2022
Response via : Initial Calibration

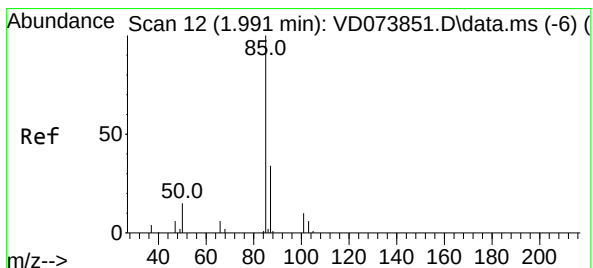
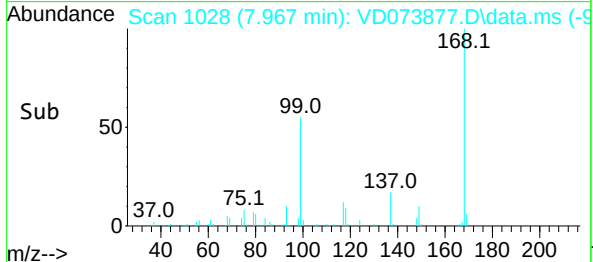
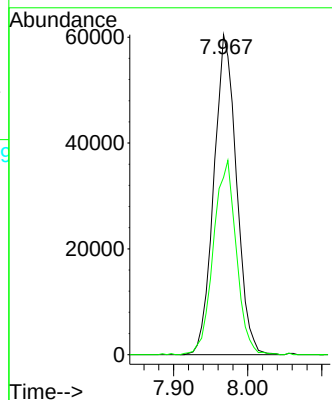
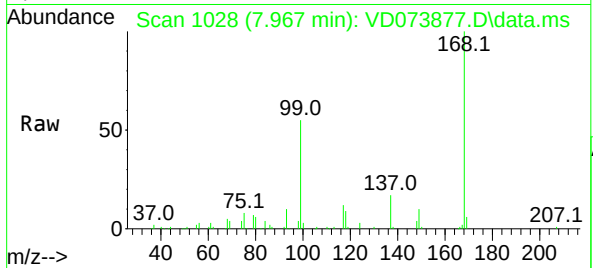




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

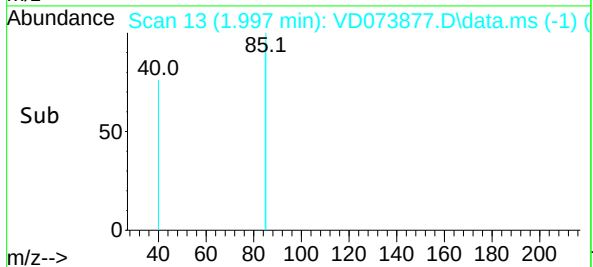
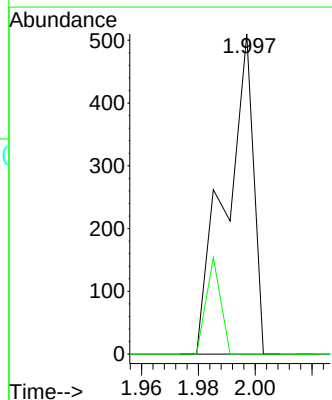
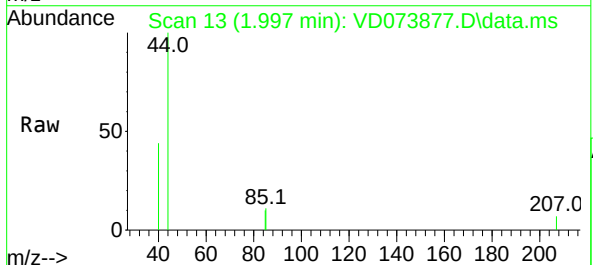
Instrument :
MSVOA_D
ClientSampleId :
VNJ-230

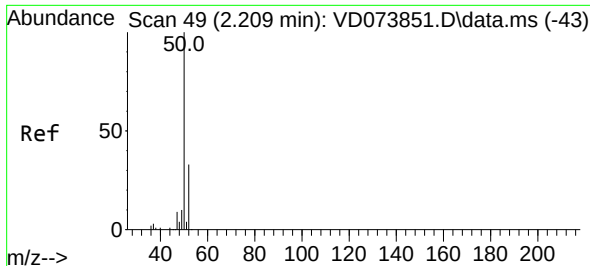
Tgt Ion:168 Resp: 128368
Ion Ratio Lower Upper
168 100
99 55.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.006 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

Tgt Ion: 85 Resp: 347
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#

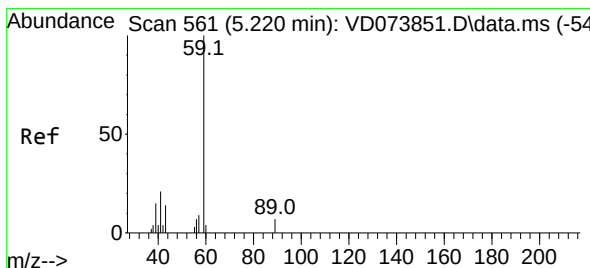
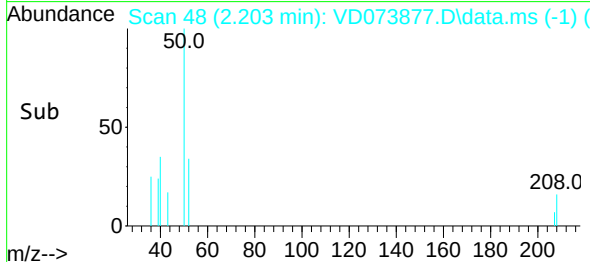
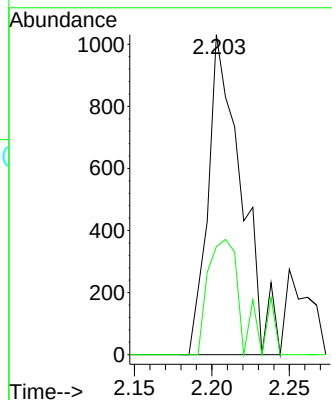
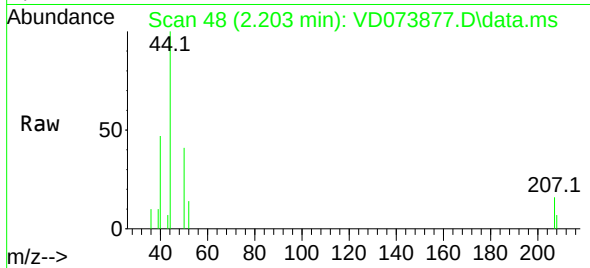




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

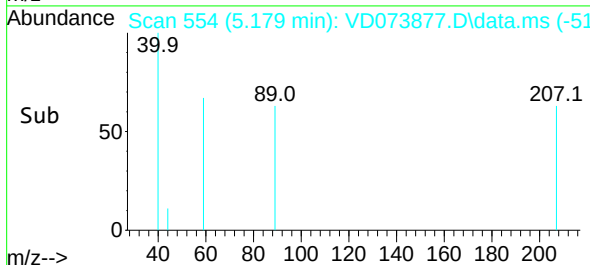
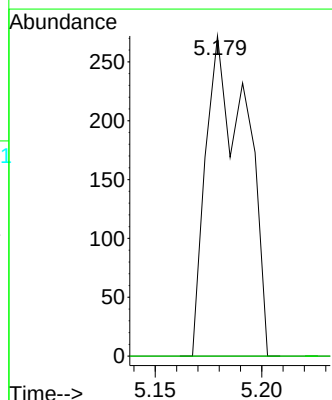
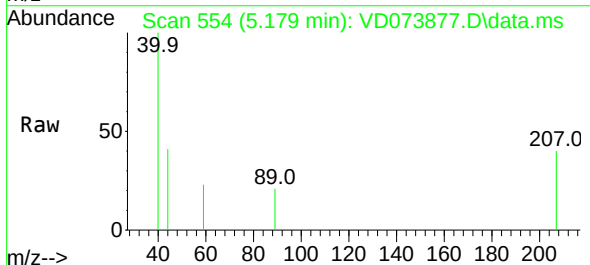
Instrument :
MSVOA_D
ClientSampleId :
VNJ-230

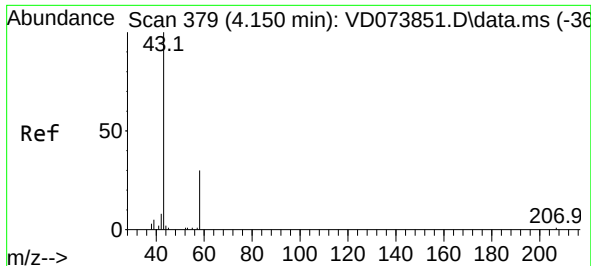
Tgt Ion: 50 Resp: 1543
Ion Ratio Lower Upper
50 100
52 33.8 27.4 41.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.041 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

Tgt Ion: 59 Resp: 358
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

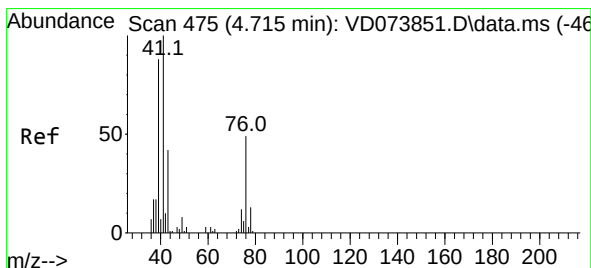
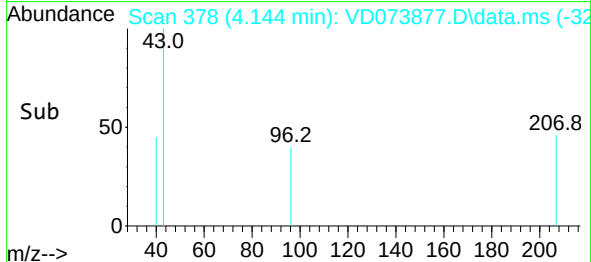
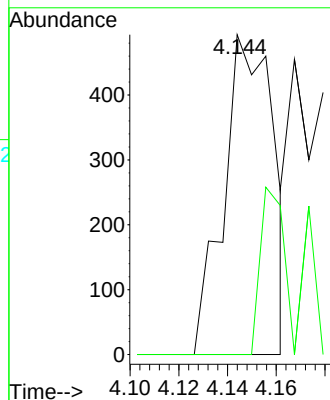
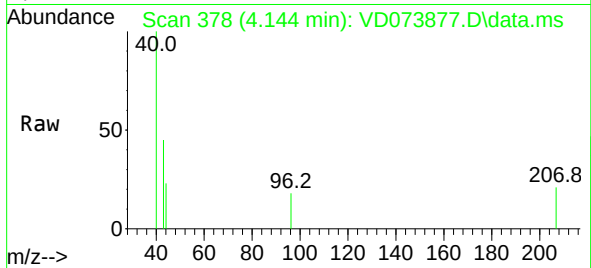




#16
Acetone
Concen: 2.783 ug/l
RT: 4.144 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

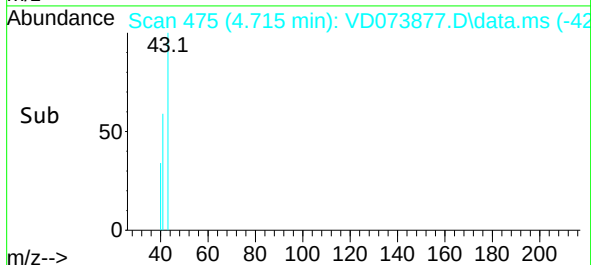
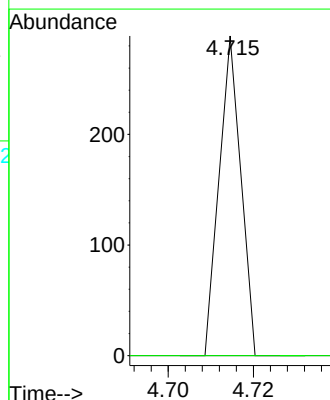
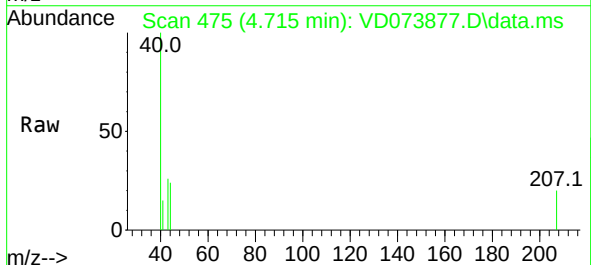
Instrument :
MSVOA_D
ClientSampleId :
VNJ-230

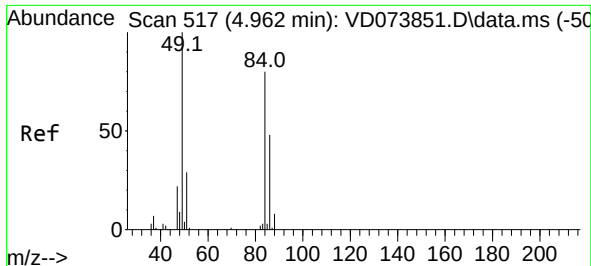
Tgt Ion: 43 Resp: 700
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

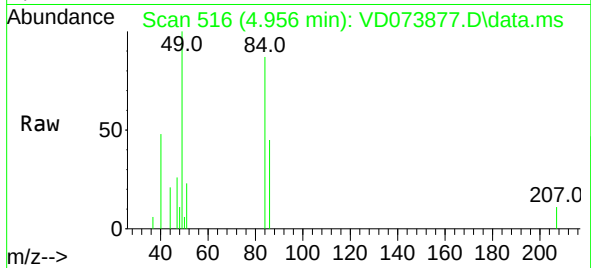
Tgt Ion: 43 Resp: 102
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



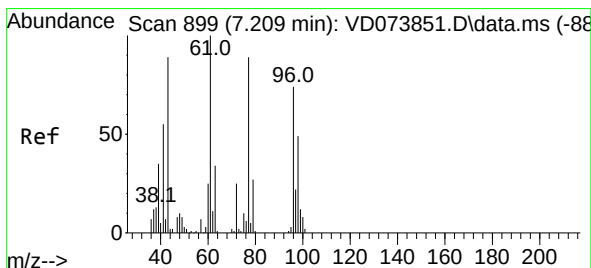
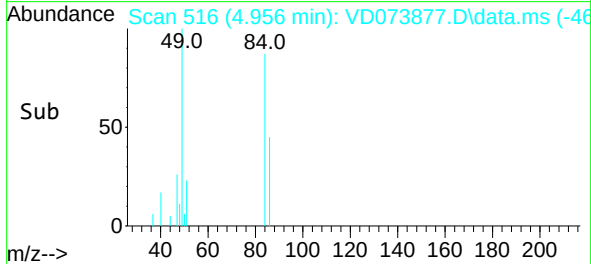
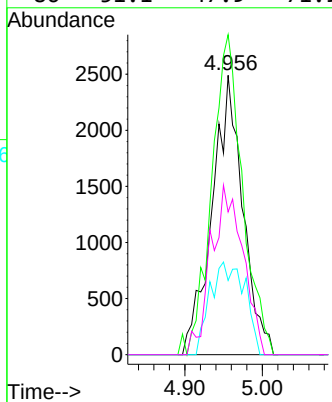


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

Instrument :
MSVOA_D
ClientSampleId :
VNJ-230

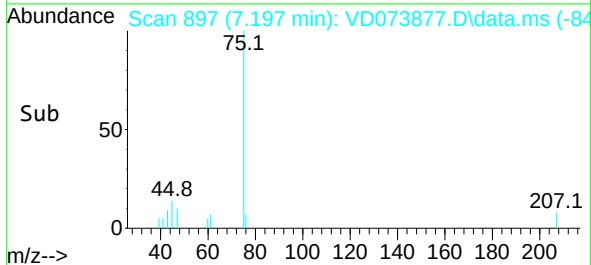
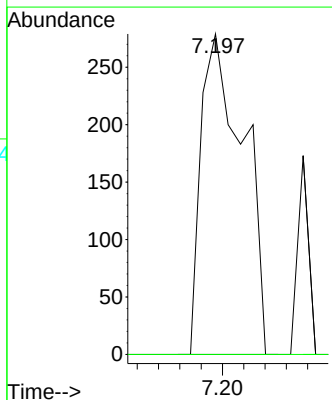
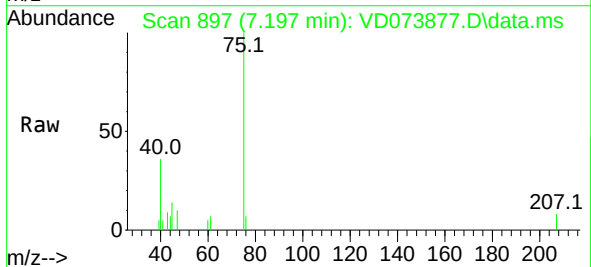


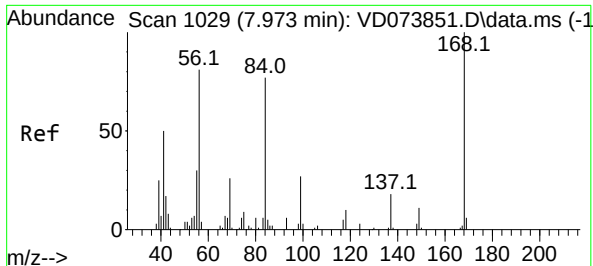
Tgt Ion: 84 Resp: 6860
Ion Ratio Lower Upper
84 100
49 114.5 112.8 169.2
51 26.5 32.6 48.8#
86 51.1 47.9 71.9



#25
2-Butanone
Concen: 1.078 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

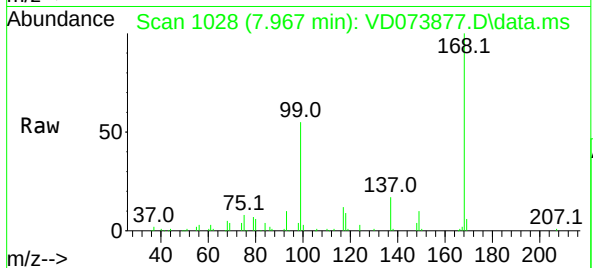
Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



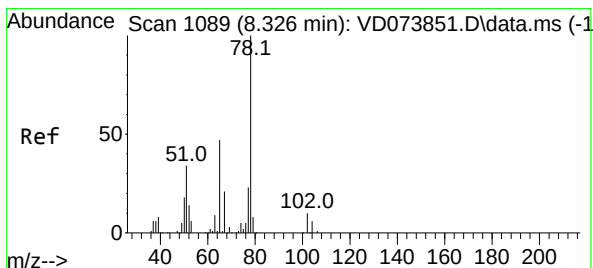
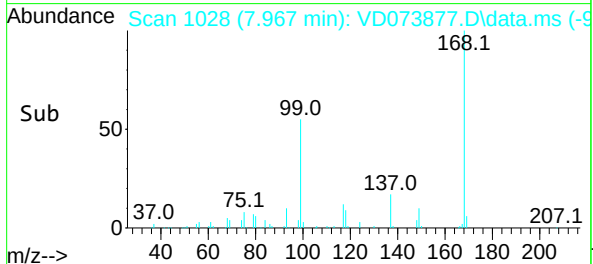
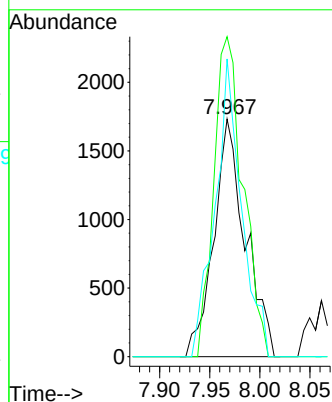


#31
Cyclohexane
Concen: 1.550 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

Instrument :
MSVOA_D
ClientSampleId :
VNJ-230

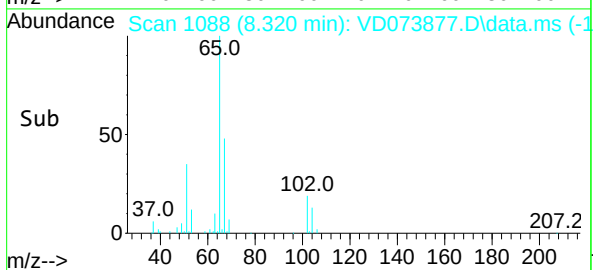
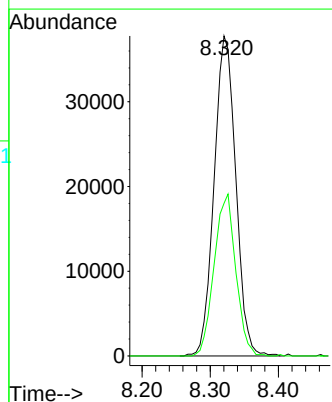
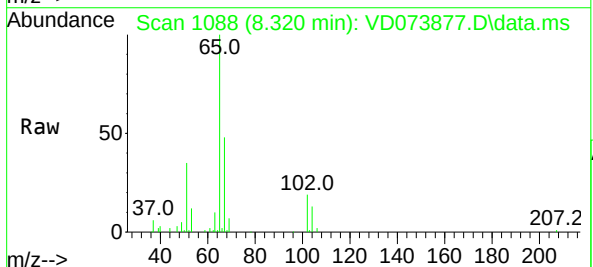


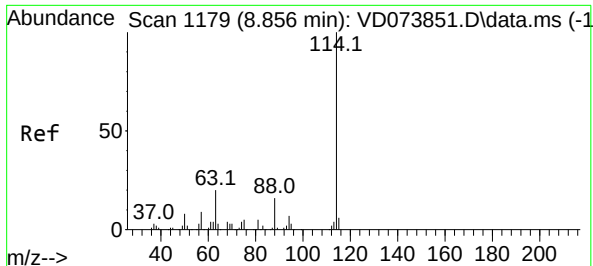
Tgt Ion: 56 Resp: 3775
Ion Ratio Lower Upper
56 100
69 134.7 25.4 38.2#
84 125.3 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 54.574 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

Tgt Ion: 65 Resp: 83654
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073877.D

Acq: 20 Jul 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VNJ-230

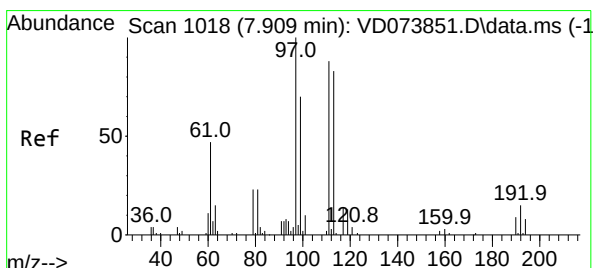
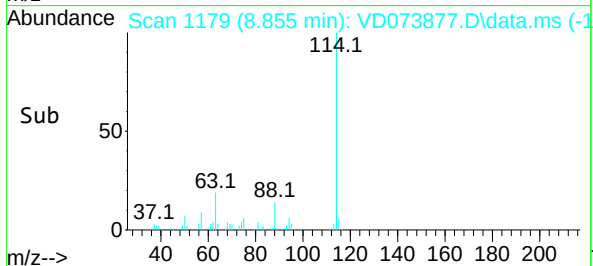
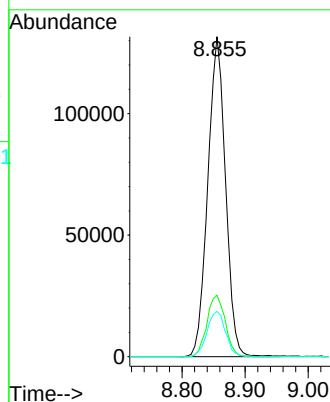
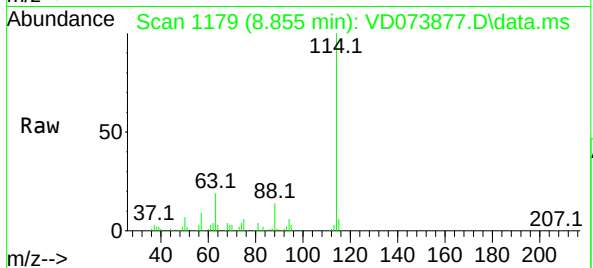
Tgt Ion:114 Resp: 256205

Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 14.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.707 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073877.D

Acq: 20 Jul 2022 13:28

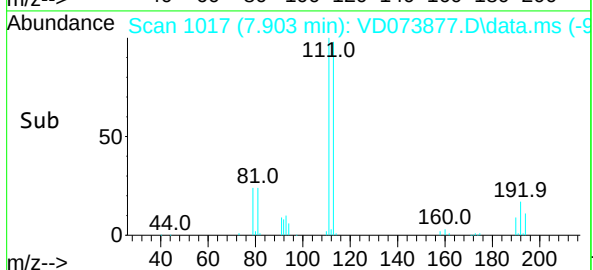
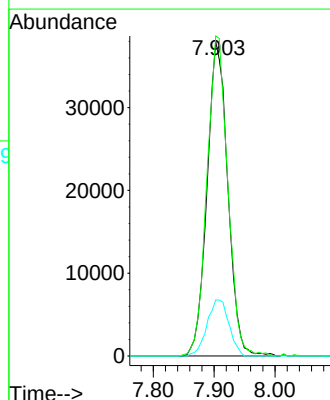
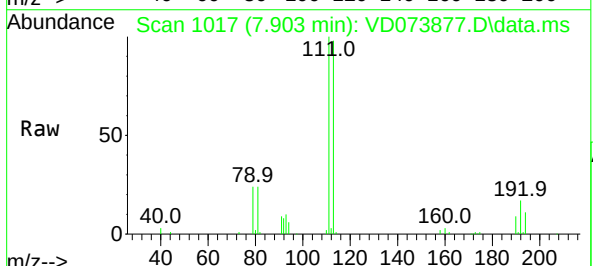
Tgt Ion:113 Resp: 89845

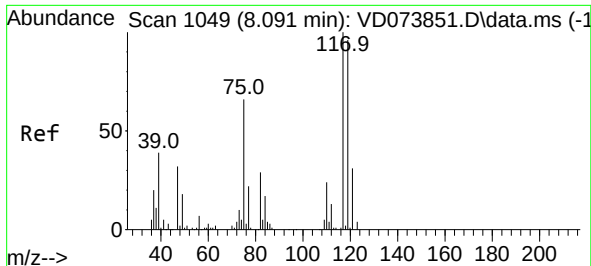
Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 18.8 14.6 21.8

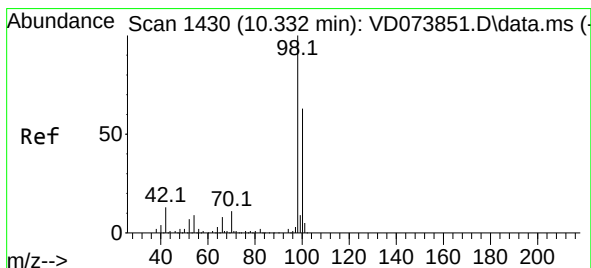
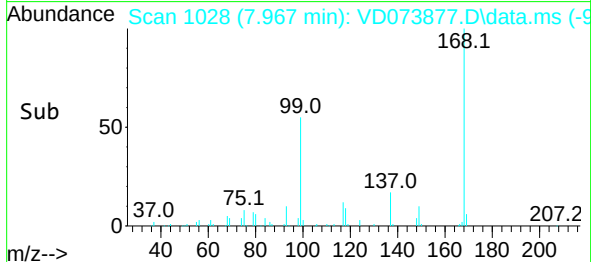
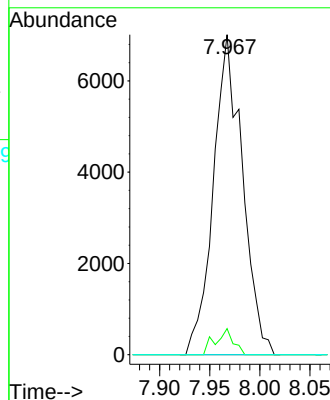
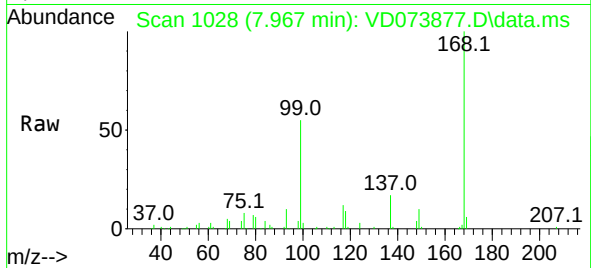




#38
Carbon Tetrachloride
Concen: 4.746 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

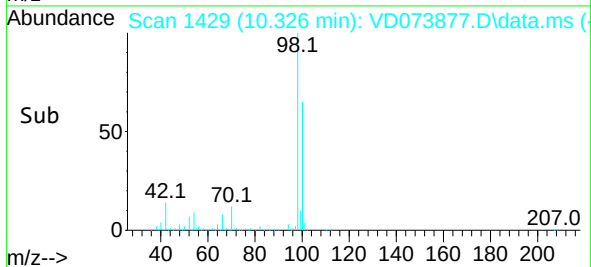
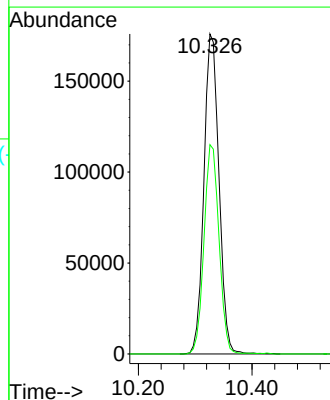
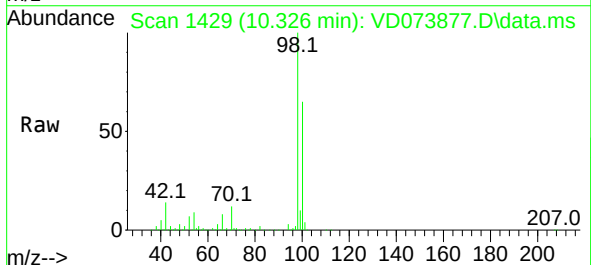
Instrument :
MSVOA_D
ClientSampleId :
VNJ-230

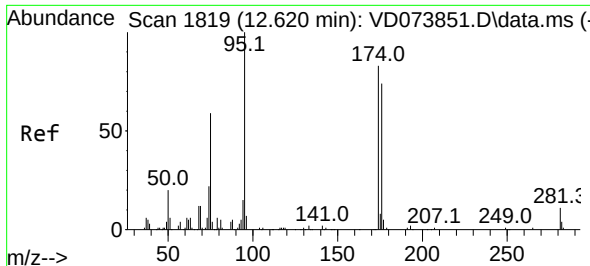
Tgt Ion:117 Resp: 14134
Ion Ratio Lower Upper
117 100
119 8.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.172 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

Tgt Ion: 98 Resp: 322646
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

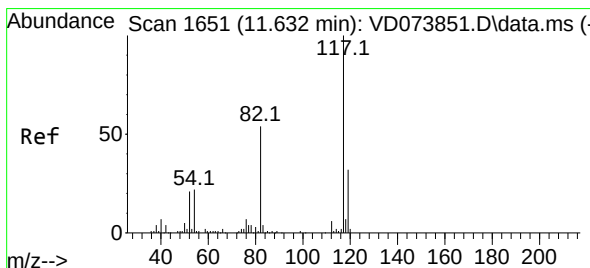
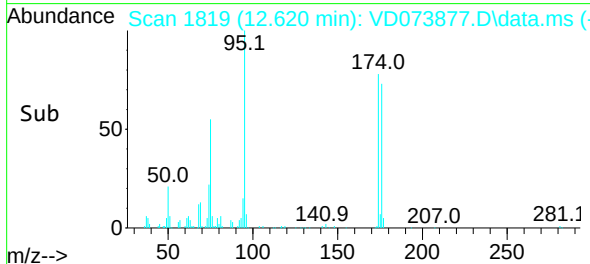
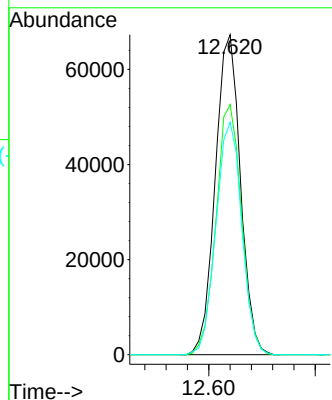
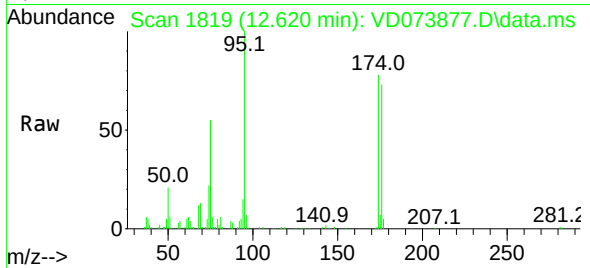




#62
4-Bromofluorobenzene
Concen: 48.926 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

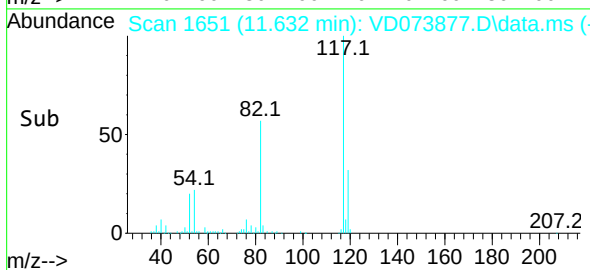
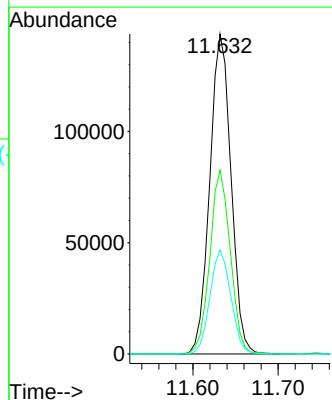
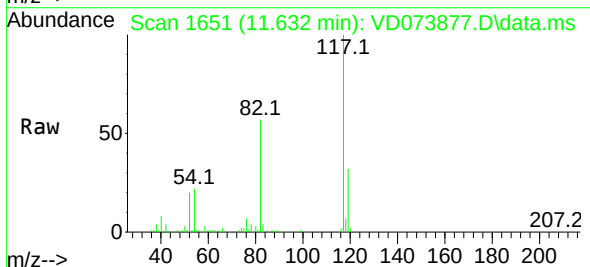
Instrument :
MSVOA_D
ClientSampleId :
VNJ-230

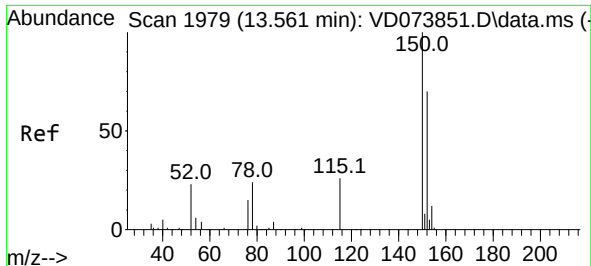
Tgt Ion: 95 Resp: 110377
Ion Ratio Lower Upper
95 100
174 79.1 0.0 152.8
176 74.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

Tgt Ion: 117 Resp: 249741
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 32.4 26.6 40.0

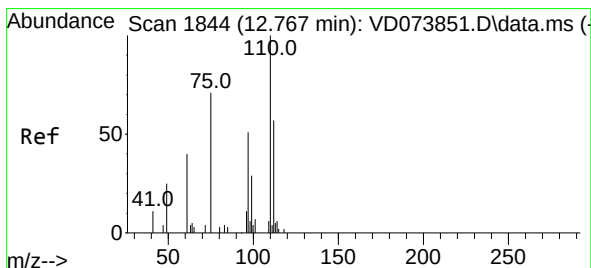
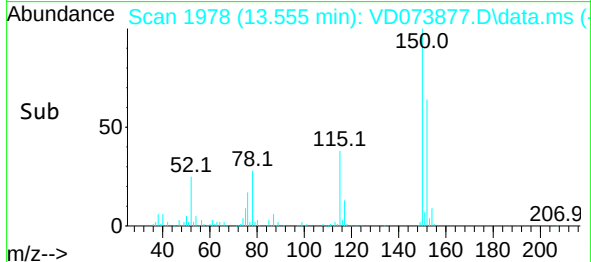
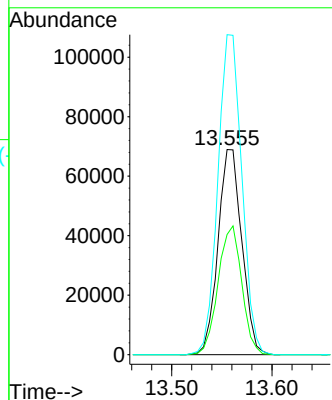
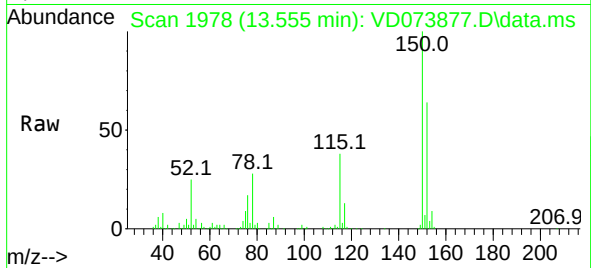




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: VD073877.D
 Acq: 20 Jul 2022 13:28

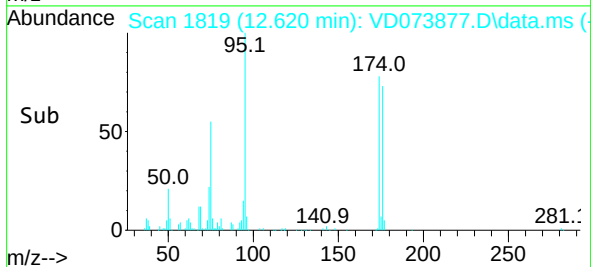
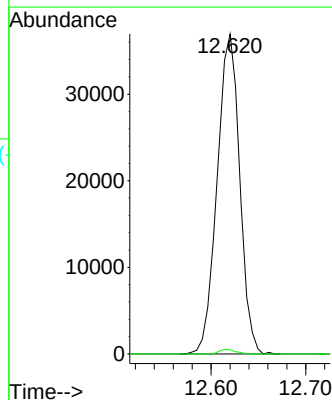
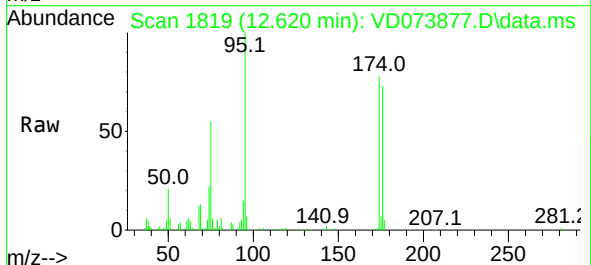
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-230

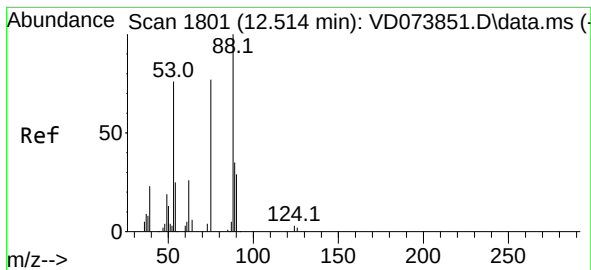
Tgt Ion:152 Resp: 113876
 Ion Ratio Lower Upper
 152 100
 115 62.3 31.3 93.8
 150 156.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 49.984 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073877.D
 Acq: 20 Jul 2022 13:28

Tgt Ion: 75 Resp: 61073
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 134.879 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

Instrument :
MSVOA_D
ClientSampleId :
VNJ-230

Tgt Ion: 75 Resp: 61073
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

