

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074155.D
 Acq On : 19 Aug 2022 18:26
 Operator : VA/SY
 Sample : N4213-03
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-226

Quant Time: Aug 20 01:27:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

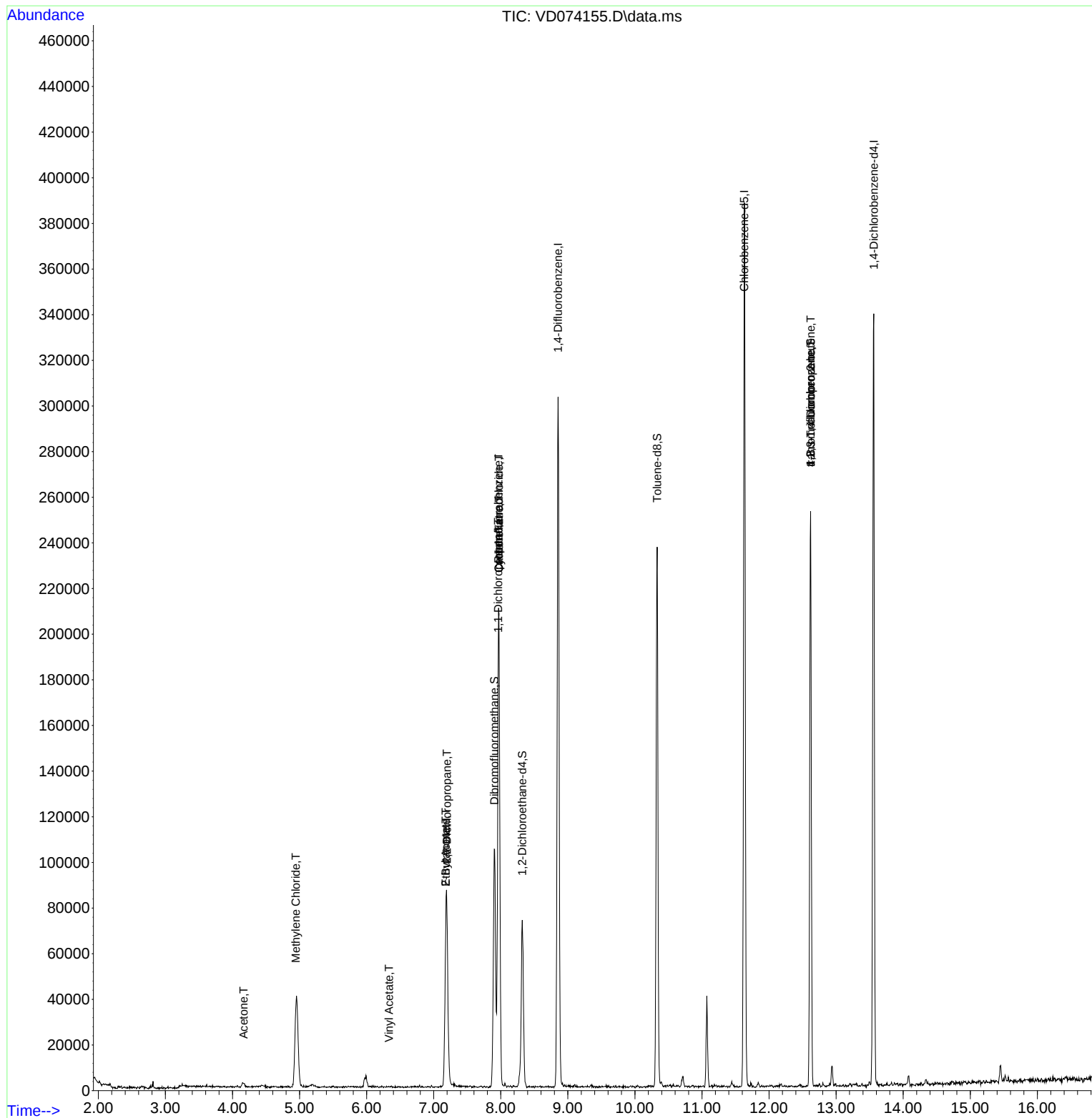
Internal Standards						
1) Pentafluorobenzene	7.967	168	149763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	255551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	222661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	91543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	58363	52.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.460%	
35) Dibromofluoromethane	7.903	113	75705	61.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.760%	
50) Toluene-d8	10.332	98	163434	46.287	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.580%	
62) 4-Bromofluorobenzene	12.620	95	85854	44.898	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	403	Below Cal	#	43
11) Tert butyl alcohol	5.232	59	517	Below Cal	#	74
16) Acetone	4.167	43	3277	10.156	ug/l #	81
20) Methylene Chloride	4.944	84	31648	4.743	ug/l #	82
23) Vinyl Acetate	6.332	43	62	7.599	ug/l #	75
25) 2-Butanone	7.179	43	2450	4.654	ug/l #	52
26) 2,2-Dichloropropane	7.197	77	5907	2.068	ug/l #	54
31) Cyclohexane	7.973	56	3738	1.179	ug/l #	16
36) 1,1-Dichloropropene	7.961	75	13150	5.027	ug/l #	53
37) Ethyl Acetate	7.179	43	2450	2.090	ug/l #	1
38) Carbon Tetrachloride	7.973	117	16216	6.269	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	41680	43.966	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	41680	115.047	ug/l #	7

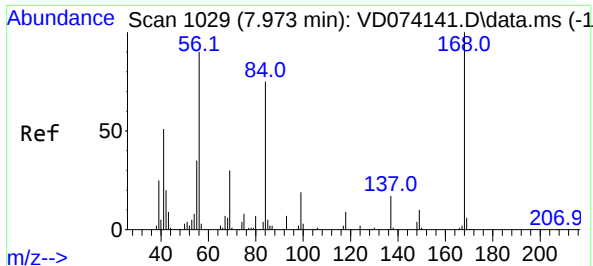
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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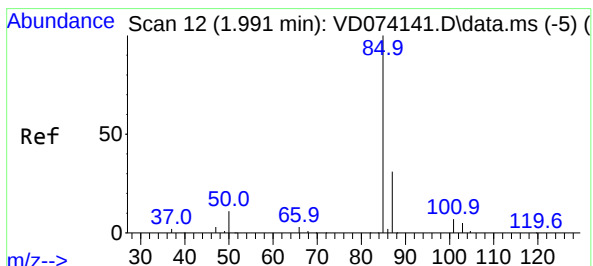
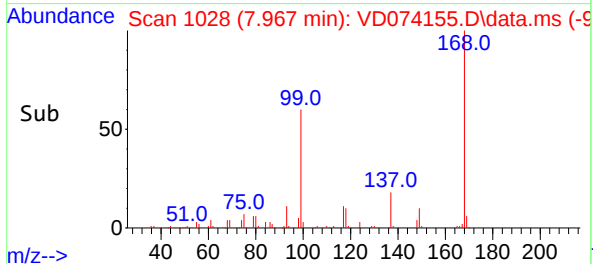
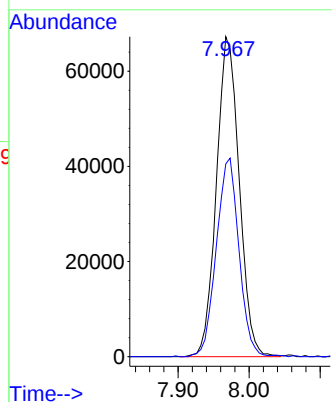
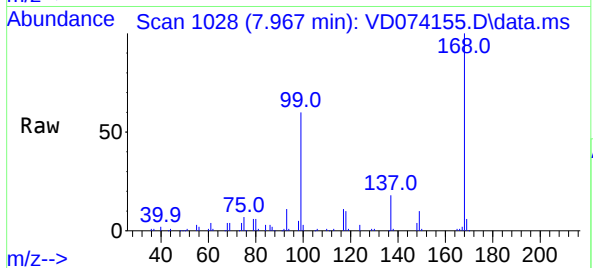




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

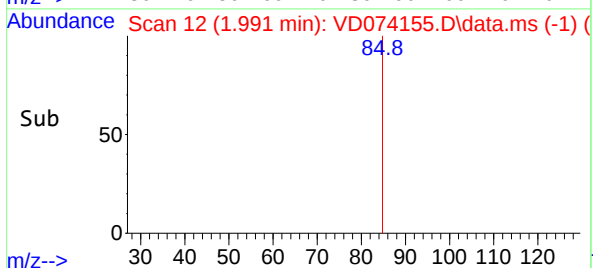
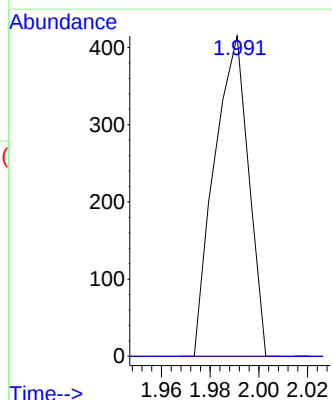
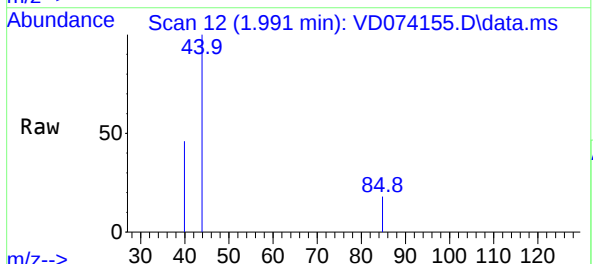
Instrument :
MSVOA_D
ClientSampleId :
VNJ-226

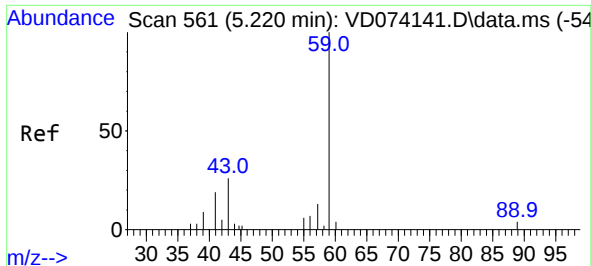
Tgt Ion:168 Resp: 149763
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

Tgt Ion: 85 Resp: 403
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0

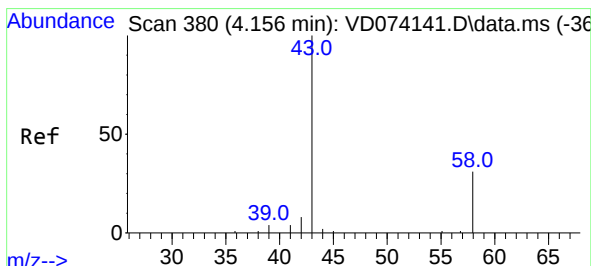
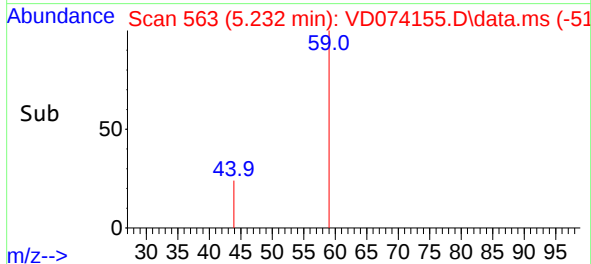
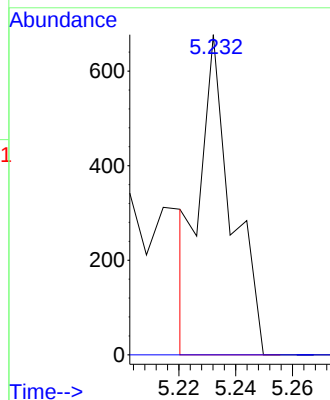
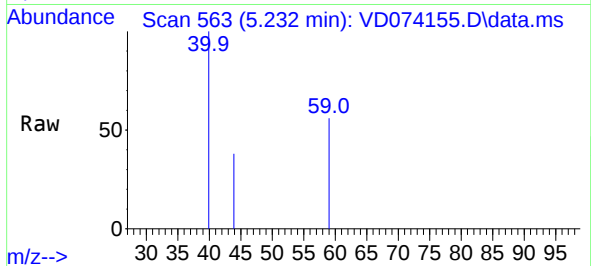




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 501
Delta R.T. 0.012 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

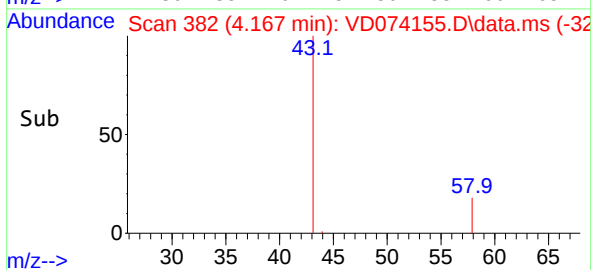
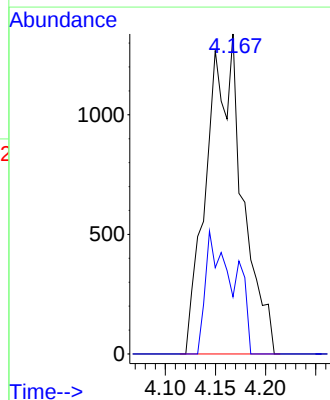
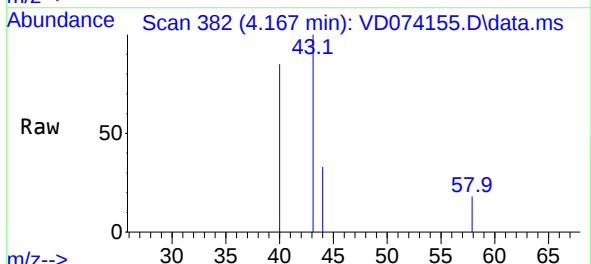
Instrument :
MSVOA_D
ClientSampleId :
VNJ-226

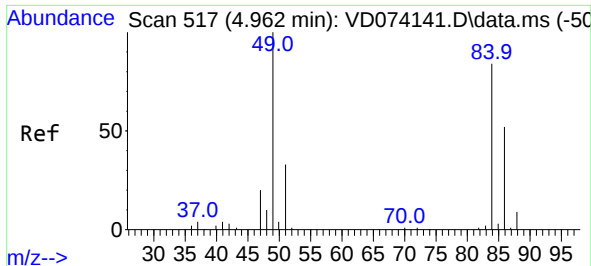
Tgt Ion: 59 Resp: 517
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 10.156 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

Tgt Ion: 43 Resp: 3277
Ion Ratio Lower Upper
43 100
58 17.9 22.1 33.1#

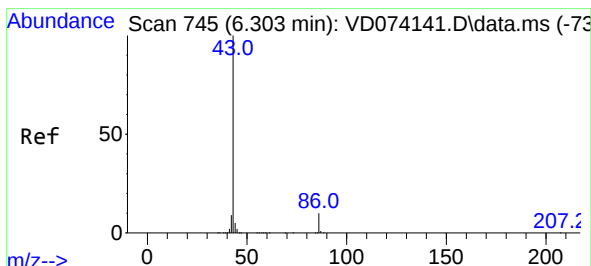
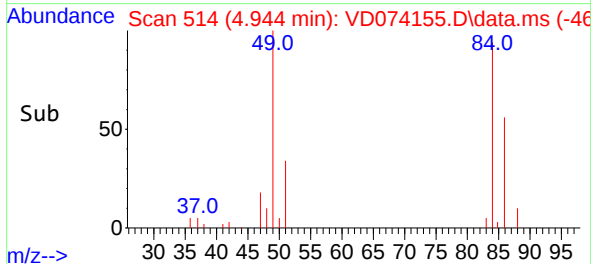
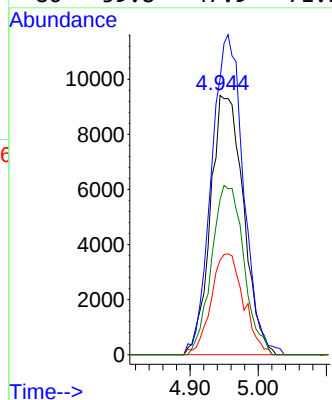
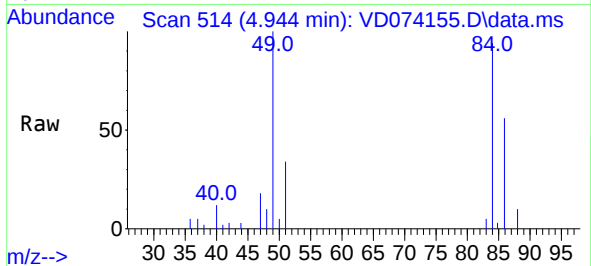




#20
Methylene Chloride
Concen: 4.743 ug/l
RT: 4.944 min Scan# 517
Delta R.T. -0.018 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

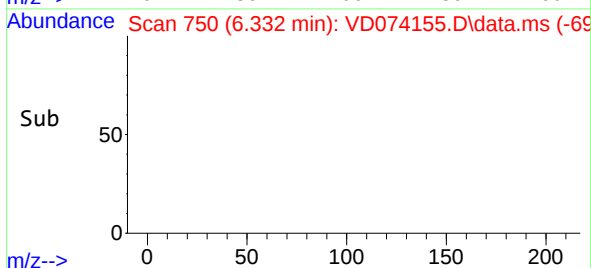
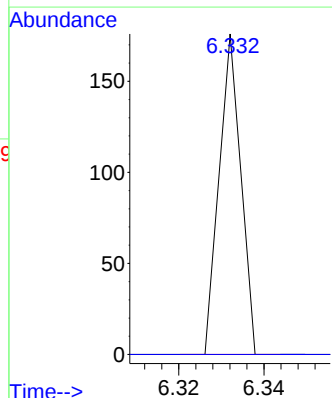
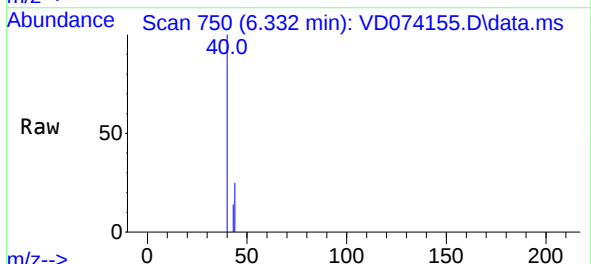
Instrument :
MSVOA_D
ClientSampleId :
VNJ-226

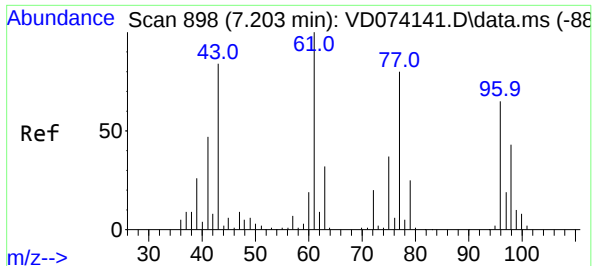
Tgt Ion: 84	Resp: 31648
Ion Ratio	Lower Upper
84	100
49	106.3 112.8 169.2#
51	36.4 32.6 48.8
86	59.8 47.9 71.9



#23
Vinyl Acetate
Concen: 7.599 ug/l
RT: 6.332 min Scan# 750
Delta R.T. 0.029 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

Tgt Ion: 43	Resp: 62
Ion Ratio	Lower Upper
43	100
86	0.0 7.1 10.7#





#25

2-Butanone

Concen: 4.654 ug/l

RT: 7.179 min Scan# 894

Delta R.T. -0.024 min

Lab File: VD074155.D

Acq: 19 Aug 2022 18:26

Instrument :

MSVOA_D

ClientSampleId :

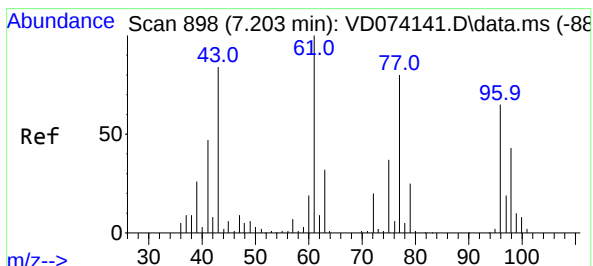
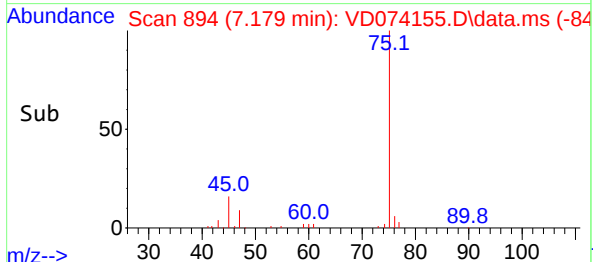
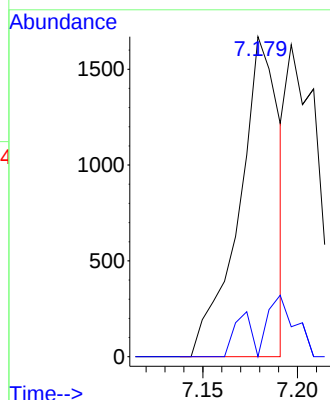
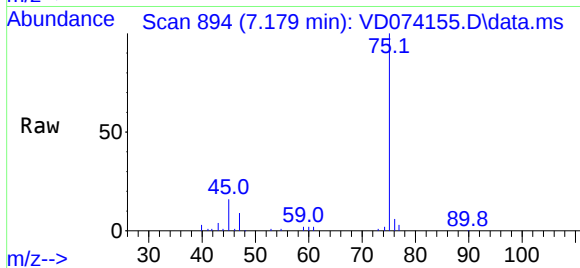
VNJ-226

Tgt Ion: 43 Resp: 2450

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#26

2,2-Dichloropropane

Concen: 2.068 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.006 min

Lab File: VD074155.D

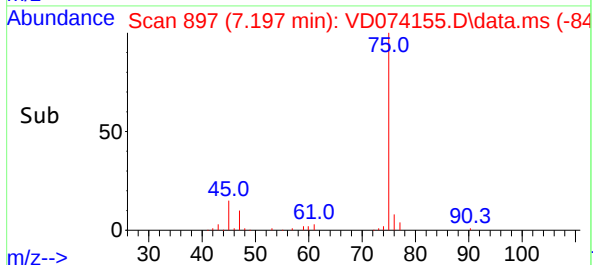
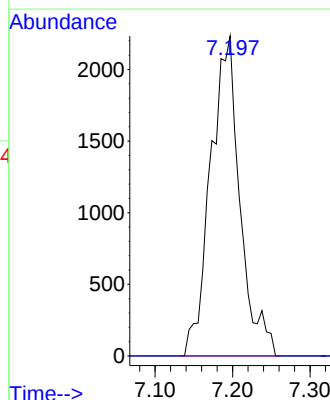
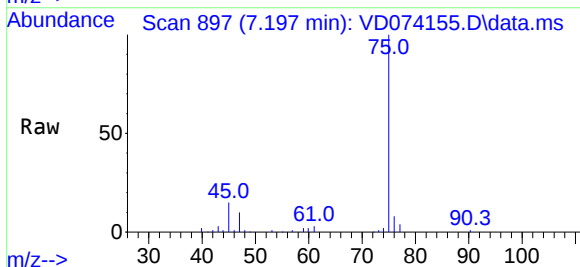
Acq: 19 Aug 2022 18:26

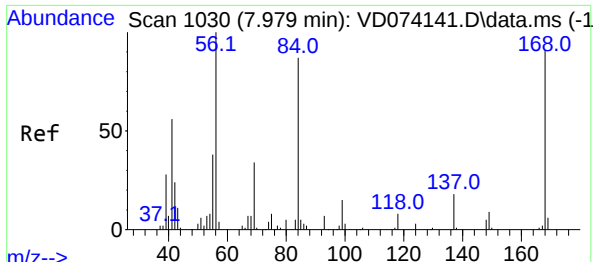
Tgt Ion: 77 Resp: 5907

Ion Ratio Lower Upper

77 100

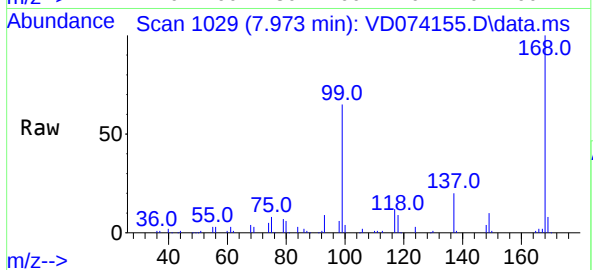
97 0.0 10.8 32.4#



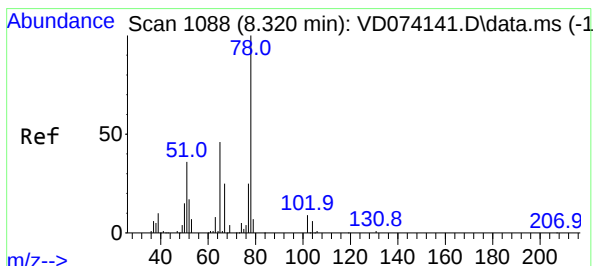
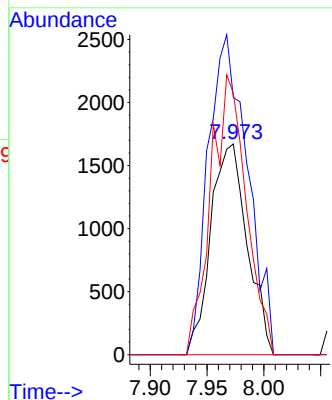
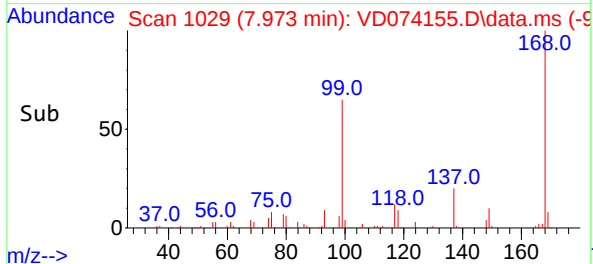


#31
Cyclohexane
Concen: 1.179 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

Instrument :
MSVOA_D
ClientSampleId :
VNJ-226

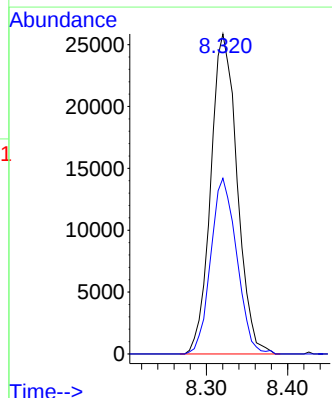
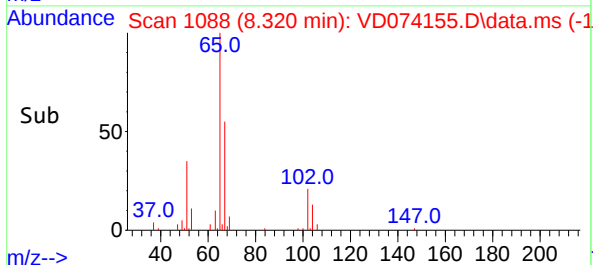
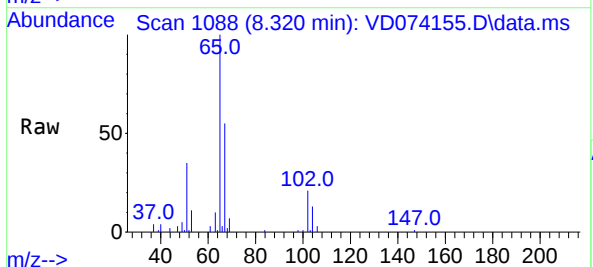


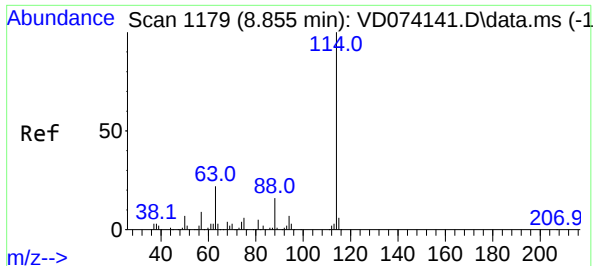
Tgt Ion: 56 Resp: 3738
Ion Ratio Lower Upper
56 100
69 122.0 25.4 38.2#
84 124.2 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 52.734 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

Tgt Ion: 65 Resp: 58363
Ion Ratio Lower Upper
65 100
67 54.1 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: VD074155.D

Acq: 19 Aug 2022 18:26

Instrument :

MSVOA_D

ClientSampleId :

VNJ-226

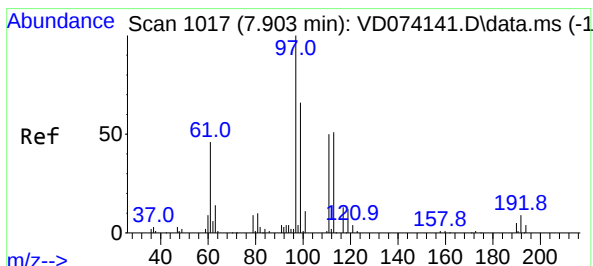
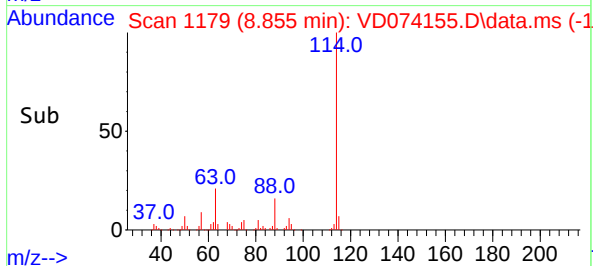
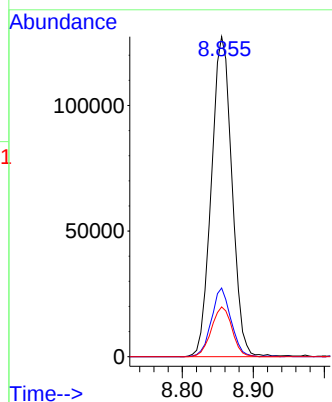
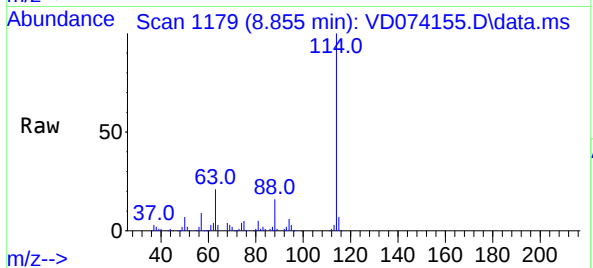
Tgt Ion:114 Resp: 255551

Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 61.382 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD074155.D

Acq: 19 Aug 2022 18:26

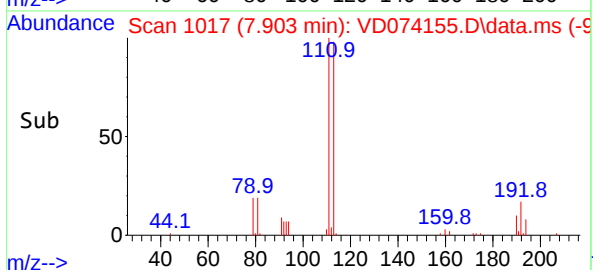
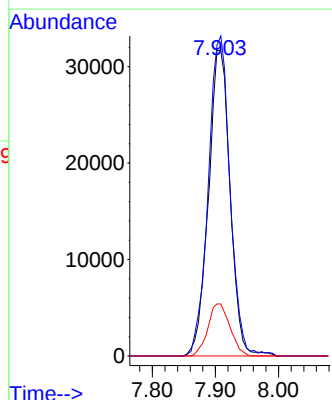
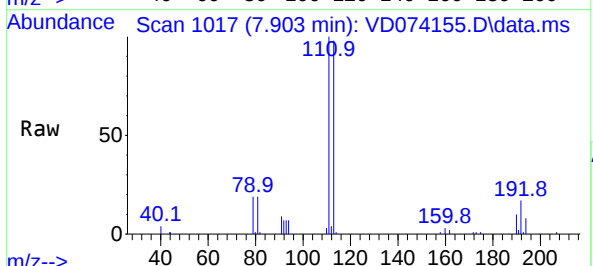
Tgt Ion:113 Resp: 75705

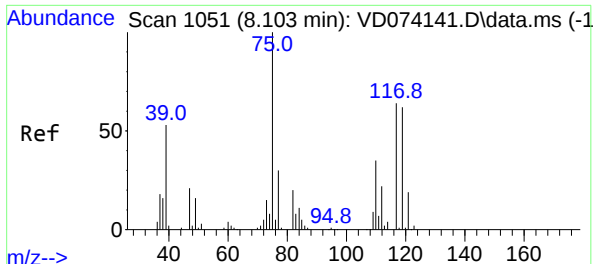
Ion Ratio Lower Upper

113 100

111 104.8 83.8 125.6

192 17.3 14.6 21.8

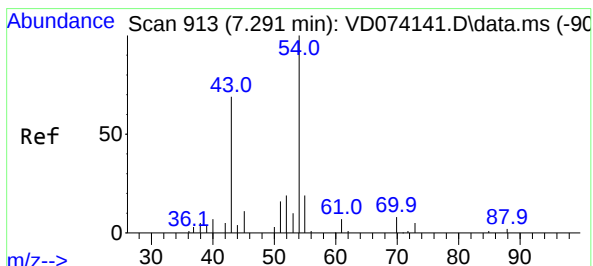
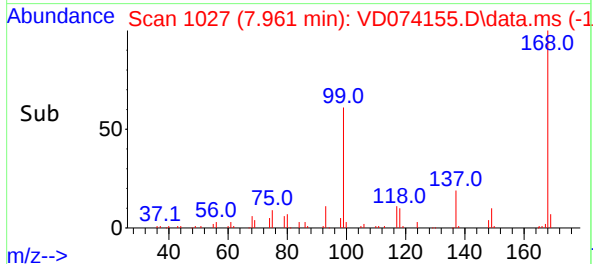
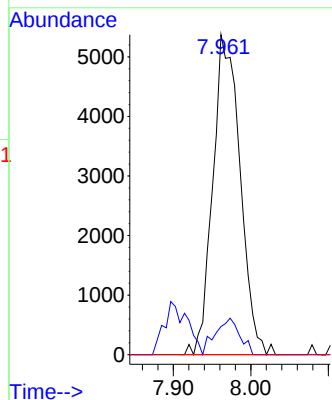
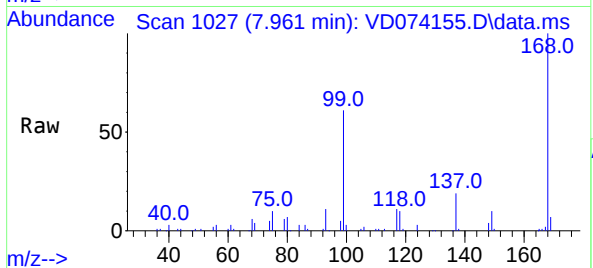




#36
1,1-Dichloropropene
Concen: 5.027 ug/l
RT: 7.961 min Scan# 1051
Delta R.T. -0.142 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

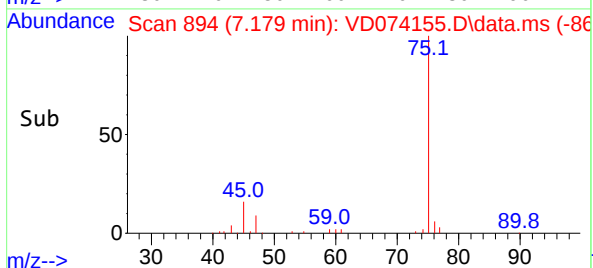
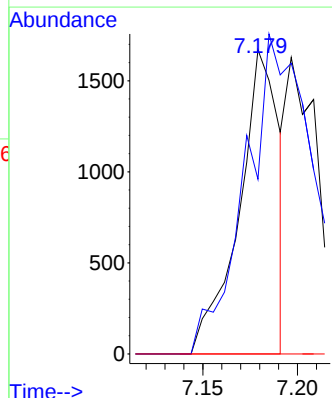
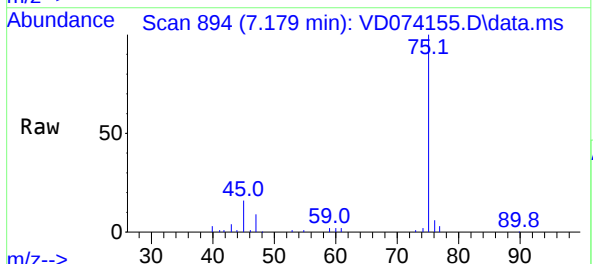
Instrument :
MSVOA_D
ClientSampleId :
VNJ-226

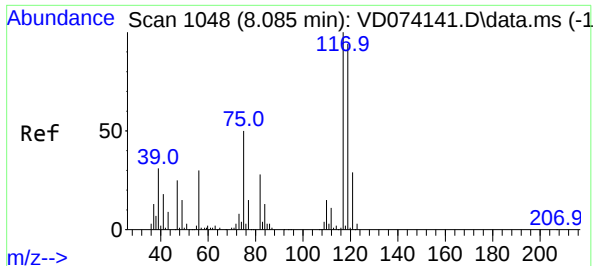
Tgt Ion: 75 Resp: 13150
Ion Ratio Lower Upper
75 100
110 10.2 16.4 49.1#
77 0.0 24.2 36.2#



#37
Ethyl Acetate
Concen: 2.090 ug/l
RT: 7.179 min Scan# 894
Delta R.T. -0.112 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

Tgt Ion: 43 Resp: 2450
Ion Ratio Lower Upper
43 100
61 174.7 9.8 14.8#
70 0.0 6.9 10.3#

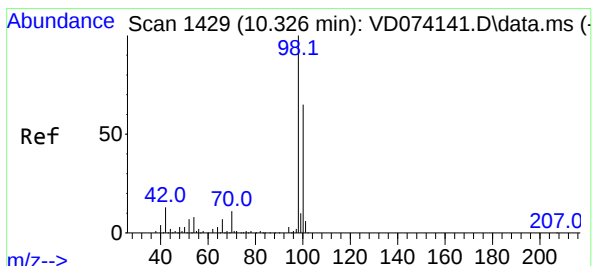
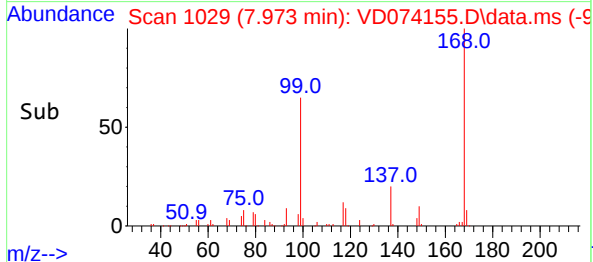
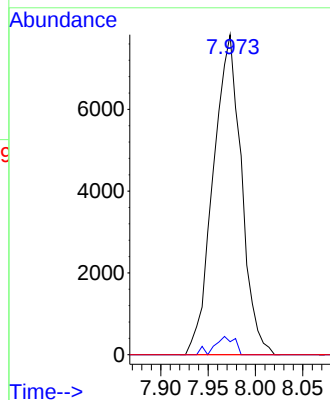
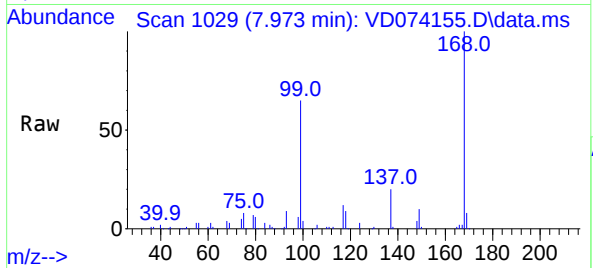




#38
Carbon Tetrachloride
Concen: 6.269 ug/l
RT: 7.973 min Scan# 1048
Delta R.T. -0.112 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

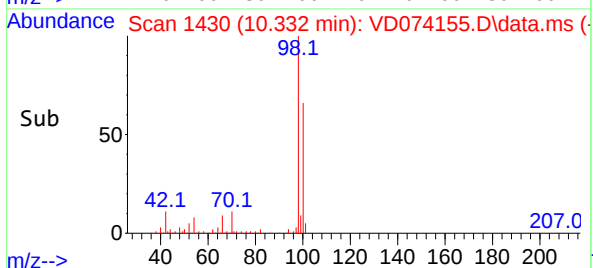
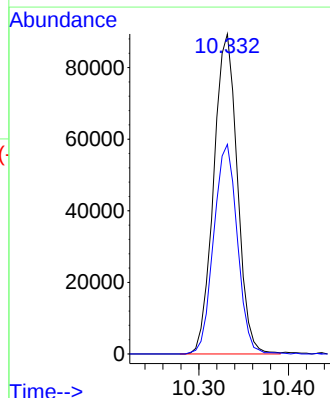
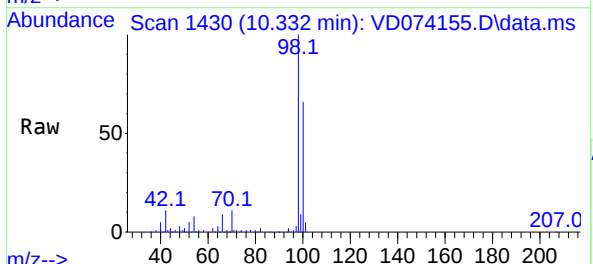
Instrument :
MSVOA_D
ClientSampleId :
VNJ-226

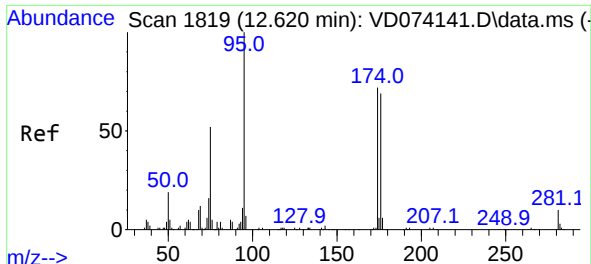
Tgt Ion:117 Resp: 16216
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 46.287 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

Tgt Ion: 98 Resp: 163434
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

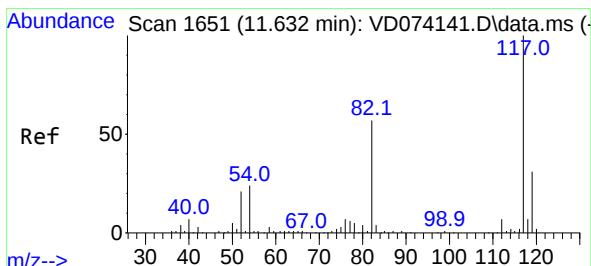
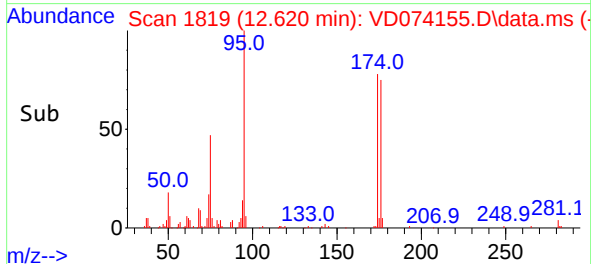
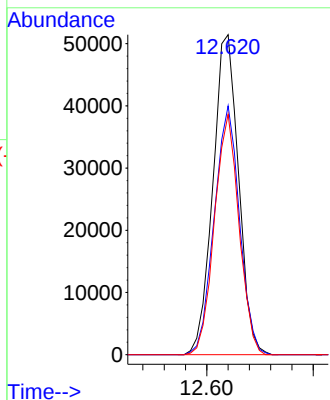
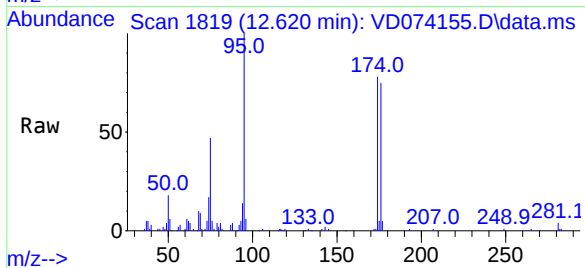




#62
4-Bromofluorobenzene
Concen: 44.898 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

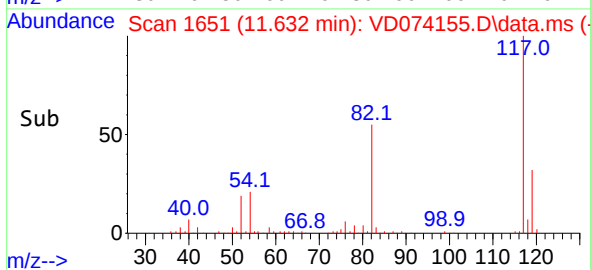
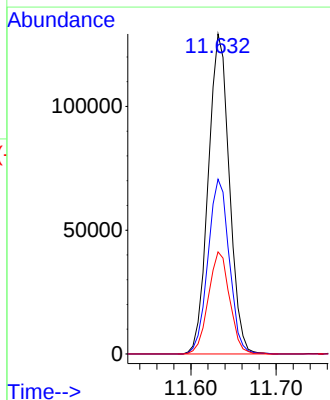
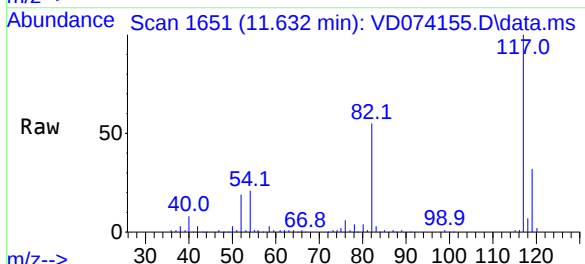
Instrument :
MSVOA_D
ClientSampleId :
VNJ-226

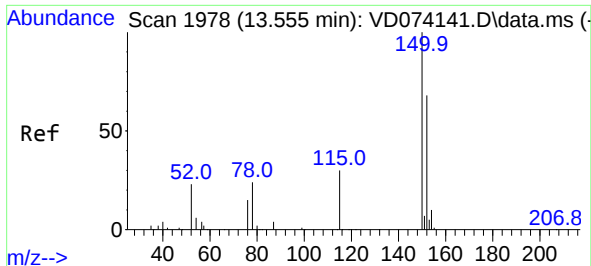
Tgt Ion:	95	Resp:	85854
Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	152.8
176	71.7	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

Tgt Ion:	117	Resp:	222661
Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.3	67.9
119	31.9	26.6	40.0

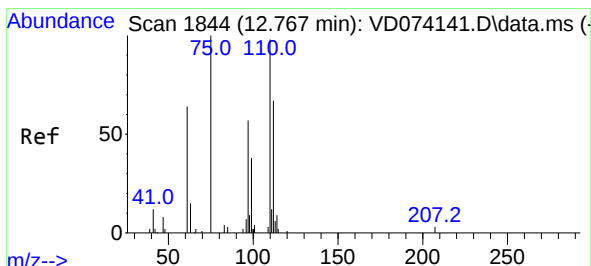
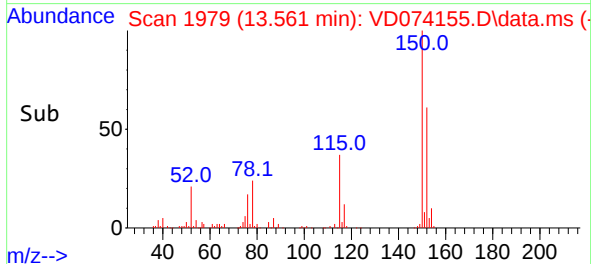
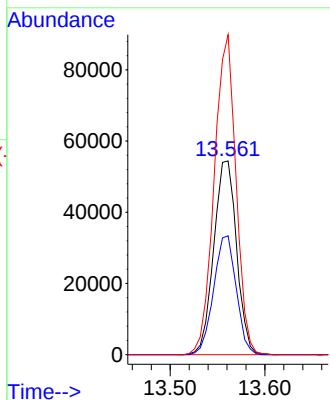
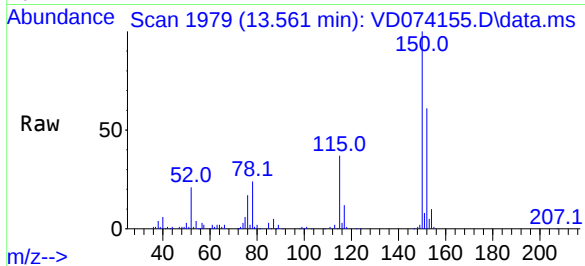




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

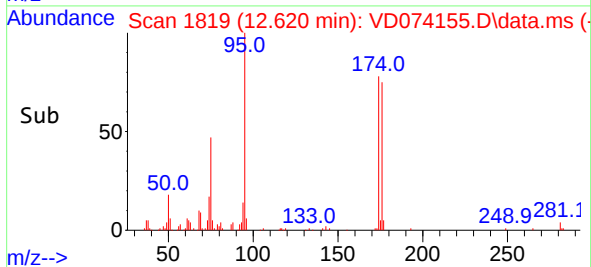
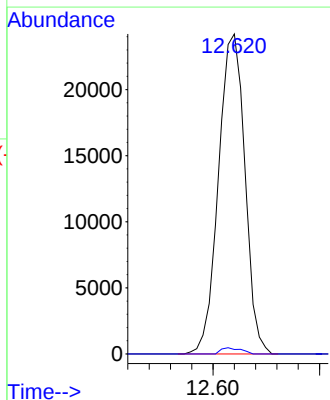
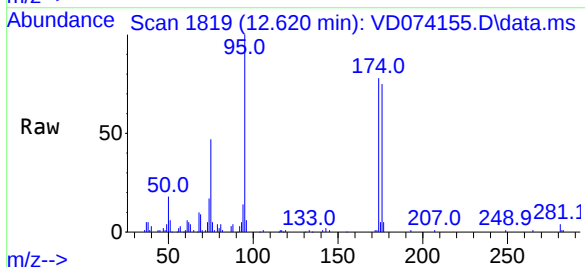
Instrument :
MSVOA_D
ClientSampleId :
VNJ-226

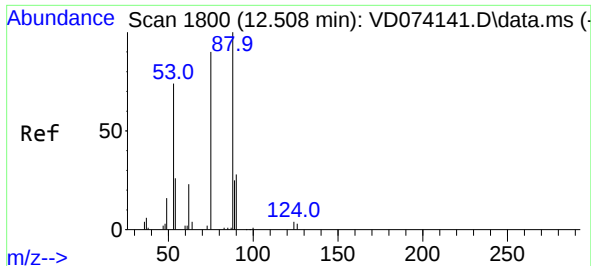
Tgt Ion:152 Resp: 91543
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 157.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 43.966 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074155.D
Acq: 19 Aug 2022 18:26

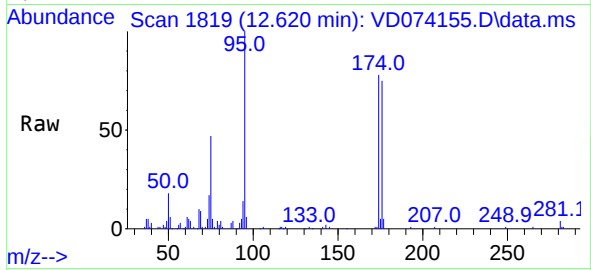
Tgt Ion: 75 Resp: 41680
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.047 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD074155.D
 Acq: 19 Aug 2022 18:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-226



Tgt Ion: 75 Resp: 41680
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.5 129.7#
 89 0.0 33.9 50.9#

