

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075464.D
 Acq On : 29 Nov 2022 10:09
 Operator : JC\MD
 Sample : VN1129MBL01-13369
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBL01

Quant Time: Nov 30 02:24:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

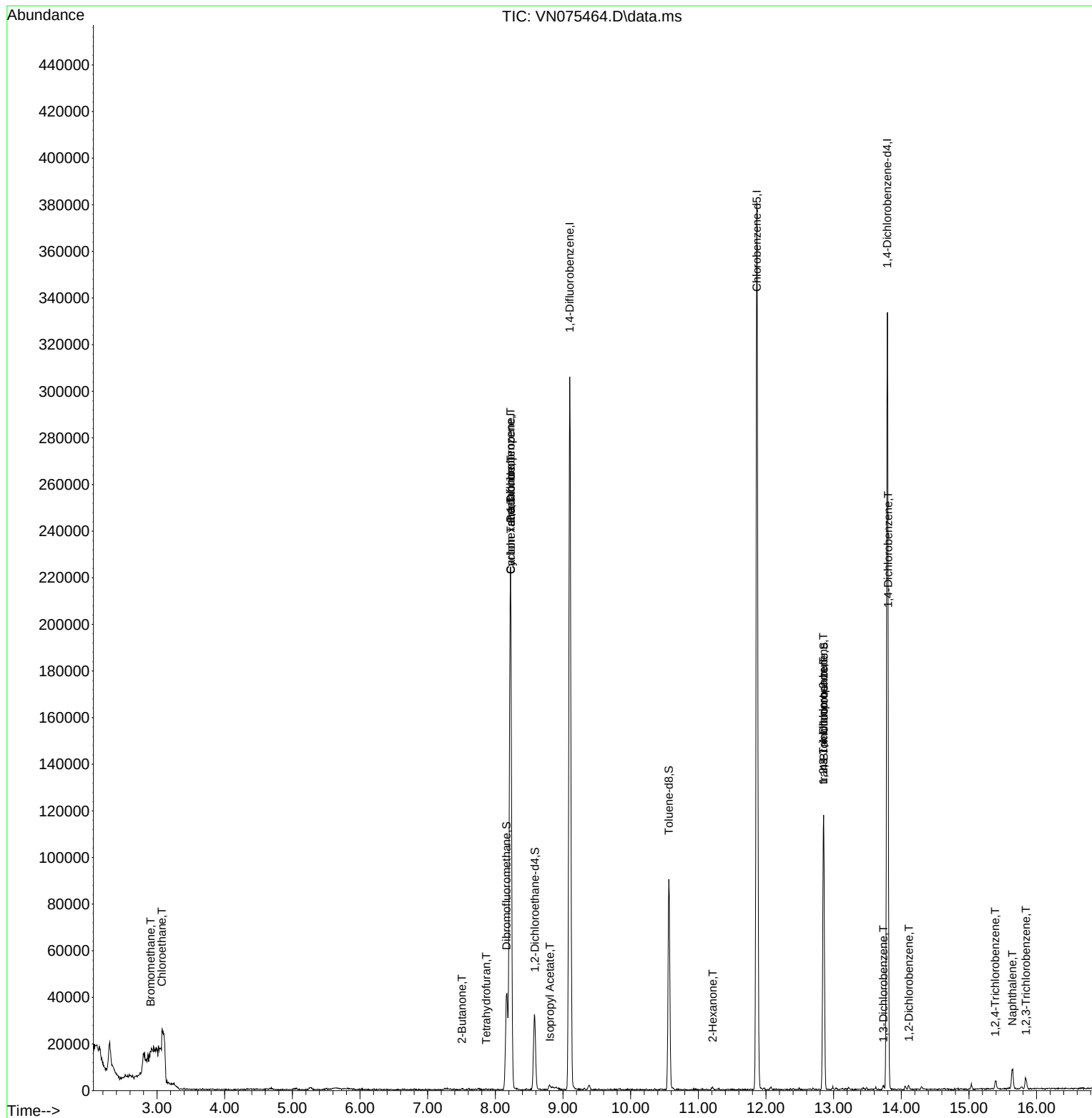
Internal Standards						
1) Pentafluorobenzene	8.224	168	174313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	25786	27.558	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	55.120%#		
35) Dibromofluoromethane	8.165	113	30323	27.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	54.340%#		
50) Toluene-d8	10.565	98	65704	26.141	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	52.280%#		
62) 4-Bromofluorobenzene	12.853	95	41627	22.438	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	44.880%#		
Target Compounds						Qvalue
5) Bromomethane	2.906	94	557	0.303	ug/l	98
6) Chloroethane	3.071	64	12135	7.662	ug/l #	45
18) Methyl Acetate	5.047	43	1261	Below Cal	#	56
20) Methylene Chloride	5.277	84	932	Below Cal	#	22
25) 2-Butanone	7.506	43	365	0.300	ug/l #	43
29) Tetrahydrofuran	7.865	42	273	0.368	ug/l #	40
31) Cyclohexane	8.229	56	3175	1.068	ug/l #	9
36) 1,1-Dichloropropene	8.224	75	12360	5.079	ug/l #	50
38) Carbon Tetrachloride	8.229	117	18084	6.765	ug/l #	15
43) Isopropyl Acetate	8.806	43	1408	0.400	ug/l #	53
59) 2-Hexanone	11.212	43	891	0.530	ug/l	82
76) 1,2,3-Trichloropropane	12.847	75	21050	11.561	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	21050	34.206	ug/l #	10
87) 1,3-Dichlorobenzene	13.735	146	1158	0.352	ug/l #	66
88) 1,4-Dichlorobenzene	13.806	146	1513	0.453	ug/l #	55
91) 1,2-Dichlorobenzene	14.111	146	1031	0.321	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	1769	1.076	ug/l	96
95) Naphthalene	15.641	128	9345	1.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	2272	1.406	ug/l	93

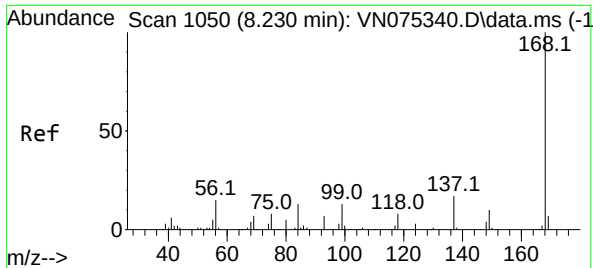
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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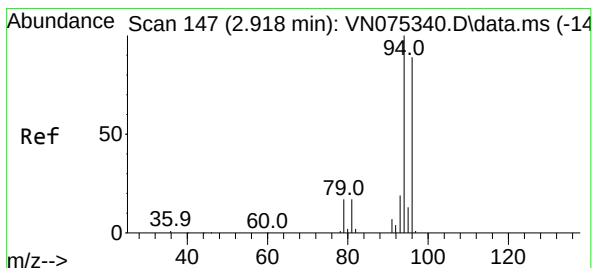
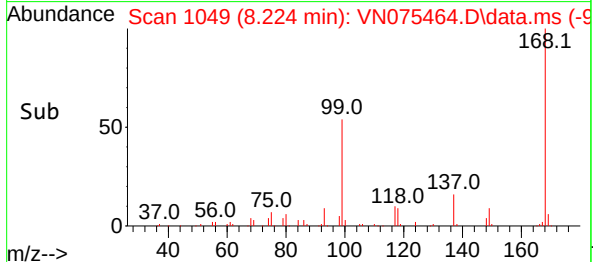
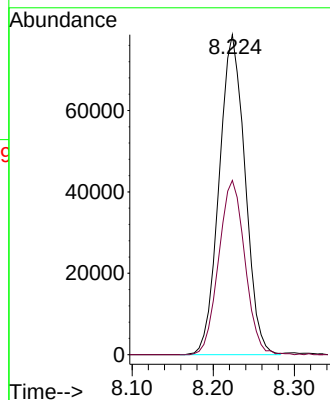
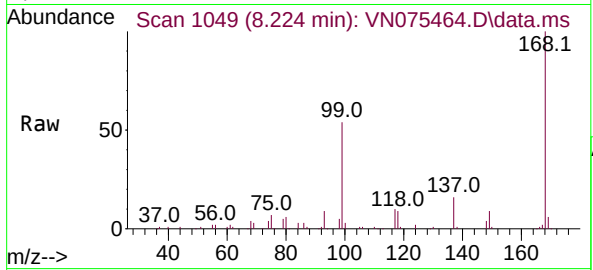




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN075464.D
Acq: 29 Nov 2022 10:09

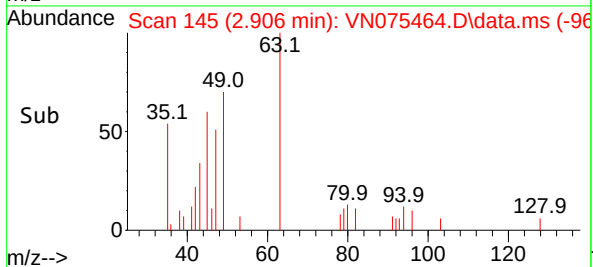
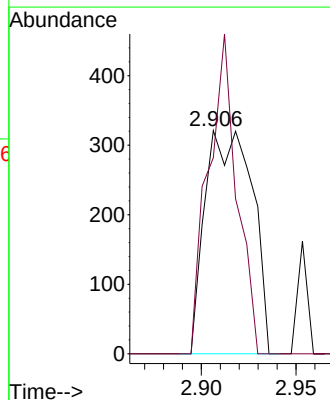
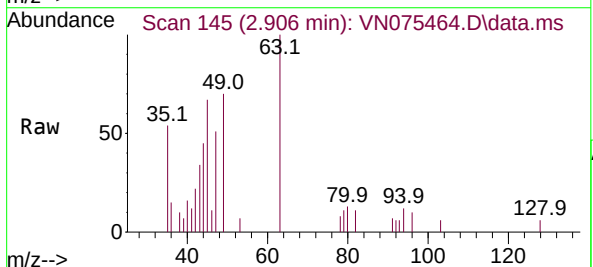
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBL01

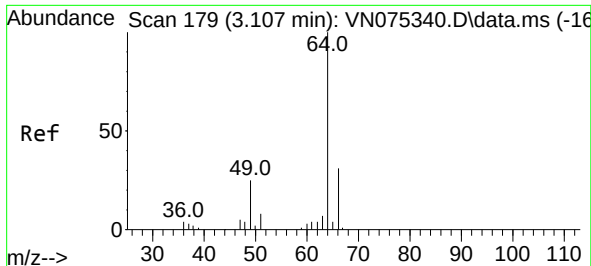
Tgt Ion:168 Resp: 174313
Ion Ratio Lower Upper
168 100
99 54.5 51.6 77.4



#5
Bromomethane
Concen: 0.303 ug/l
RT: 2.906 min Scan# 145
Delta R.T. -0.012 min
Lab File: VN075464.D
Acq: 29 Nov 2022 10:09

Tgt Ion: 94 Resp: 557
Ion Ratio Lower Upper
94 100
96 87.9 71.8 107.6

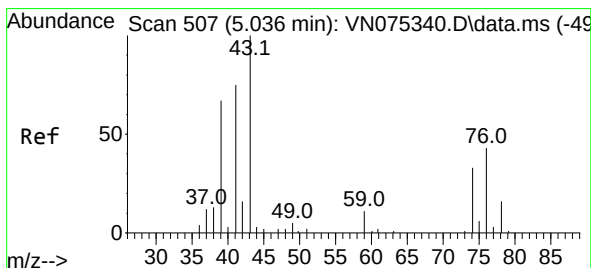
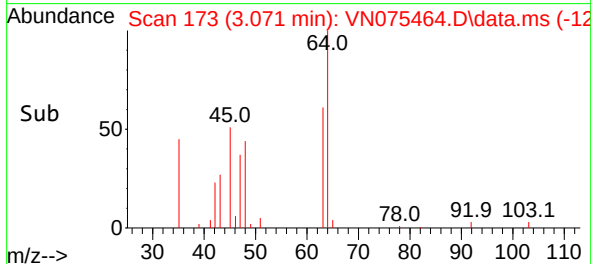
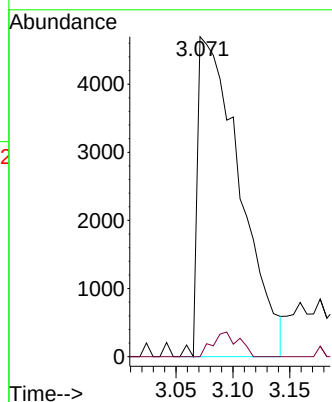
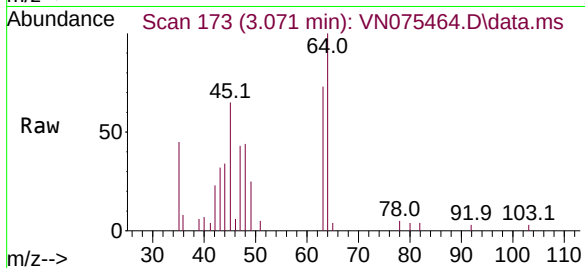




#6
Chloroethane
Concen: 7.662 ug/l
RT: 3.071 min Scan# 11
Delta R.T. -0.036 min
Lab File: VN075464.D
Acq: 29 Nov 2022 10:09

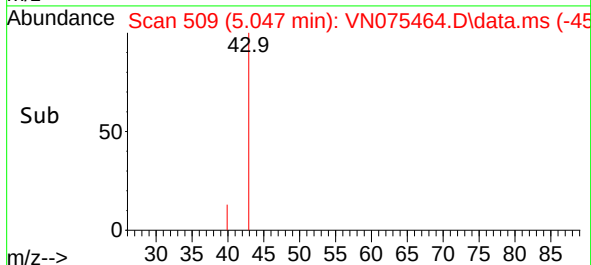
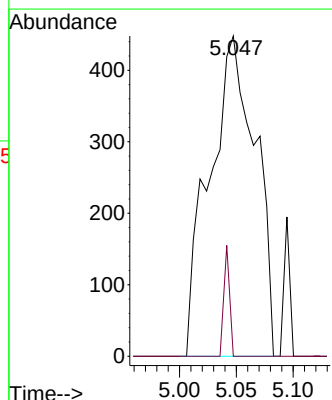
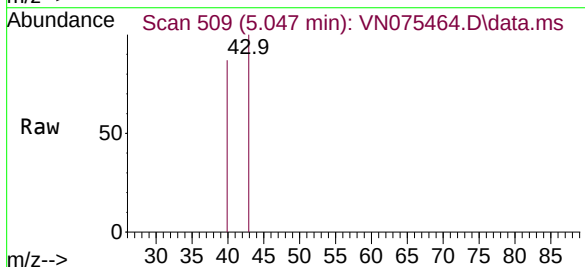
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBL01

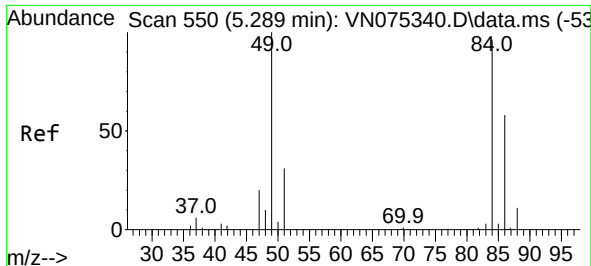
Tgt Ion: 64 Resp: 12135
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.047 min Scan# 509
Delta R.T. 0.011 min
Lab File: VN075464.D
Acq: 29 Nov 2022 10:09

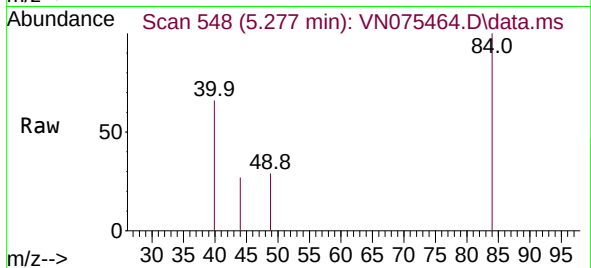
Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
74 4.4 22.0 33.0#



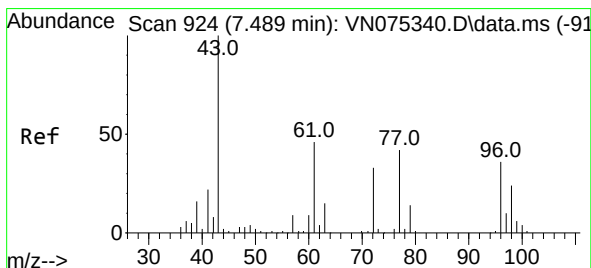
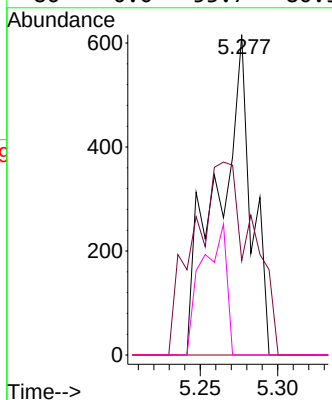
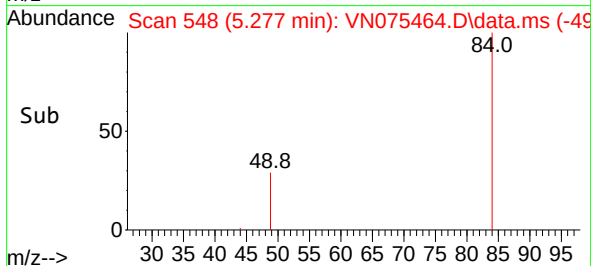


#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 54
Delta R.T. -0.012 min
Lab File: VN075464.D
Acq: 29 Nov 2022 10:09

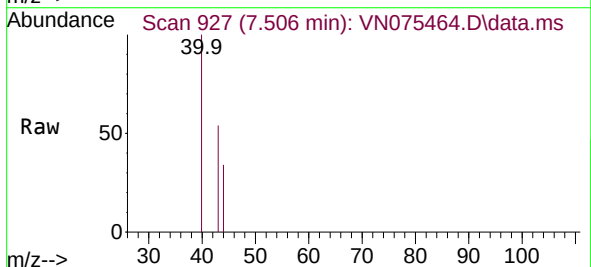
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBL01



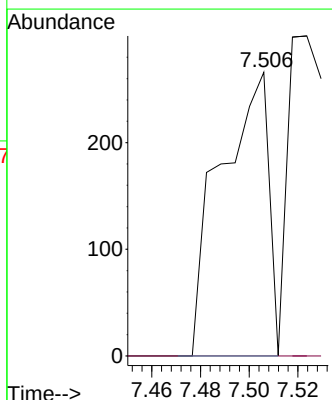
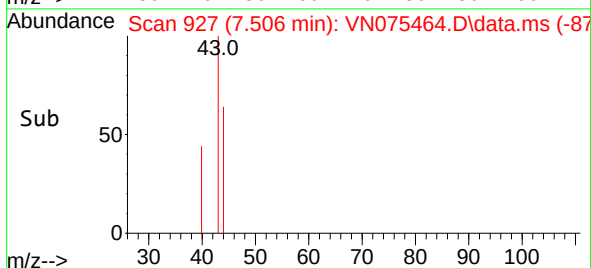
Tgt Ion:	84	Resp:	932
Ion	Ratio	Lower	Upper
84	100		
49	29.4	94.9	142.3#
51	0.0	26.8	40.2#
86	0.0	53.7	80.5#

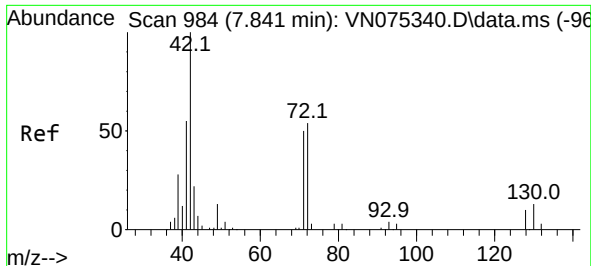


#25
2-Butanone
Concen: 0.300 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.017 min
Lab File: VN075464.D
Acq: 29 Nov 2022 10:09



Tgt Ion:	43	Resp:	365
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.5	38.3#





#29

Tetrahydrofuran

Concen: 0.368 ug/l

RT: 7.865 min Scan# 91

Delta R.T. 0.024 min

Lab File: VN075464.D

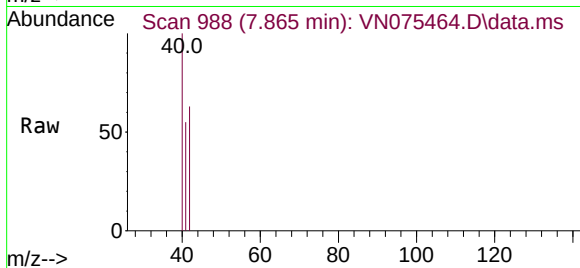
Acq: 29 Nov 2022 10:09

Instrument :

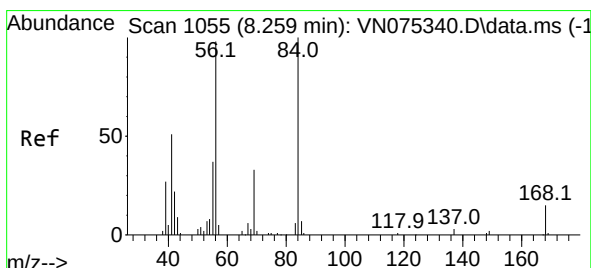
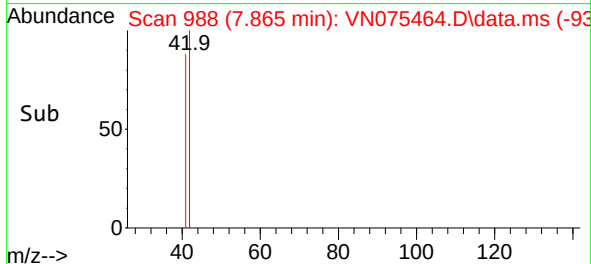
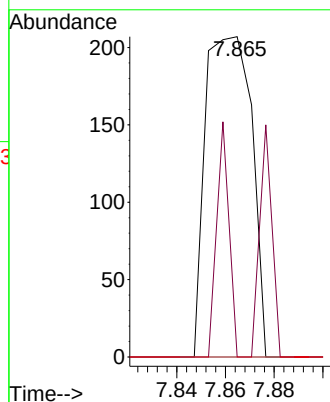
MSVOA_N

ClientSampleId :

VN1129MBL01



Tgt Ion:	42	Resp:	273
Ion	Ratio	Lower	Upper
42	100		
72	19.8	43.0	64.6#
71	0.0	39.9	59.9#



#31

Cyclohexane

Concen: 1.068 ug/l

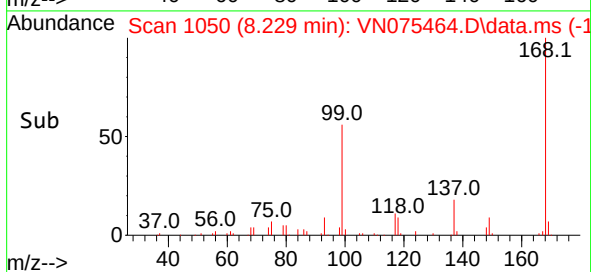
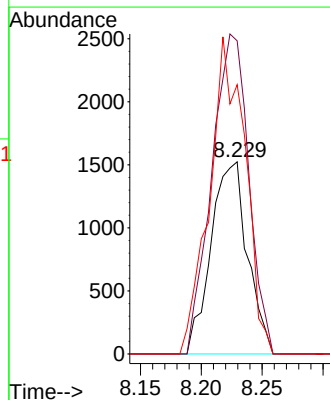
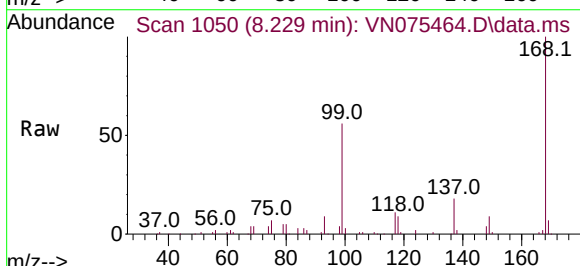
RT: 8.229 min Scan# 1050

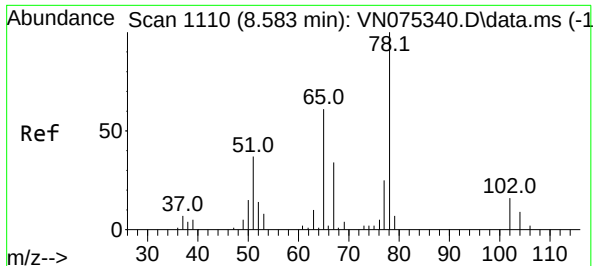
Delta R.T. -0.030 min

Lab File: VN075464.D

Acq: 29 Nov 2022 10:09

Tgt Ion:	56	Resp:	3175
Ion	Ratio	Lower	Upper
56	100		
69	162.9	25.2	37.8#
84	140.2	77.8	116.8#





#33

1,2-Dichloroethane-d4

Concen: 27.558 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075464.D

Acq: 29 Nov 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

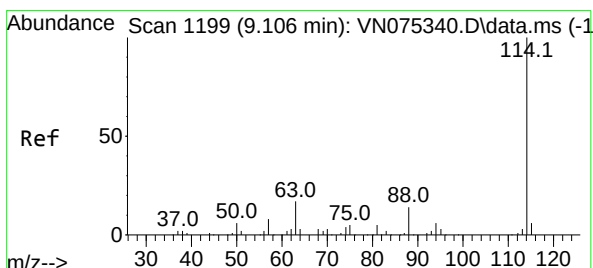
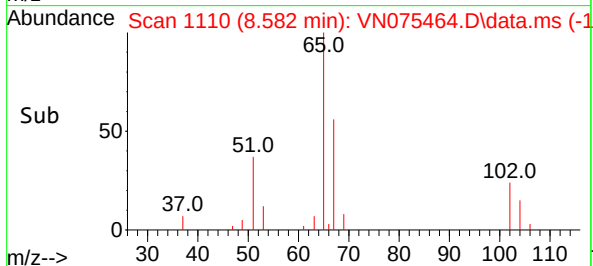
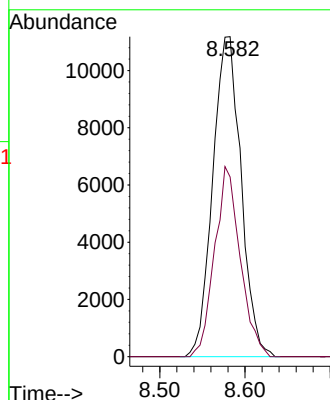
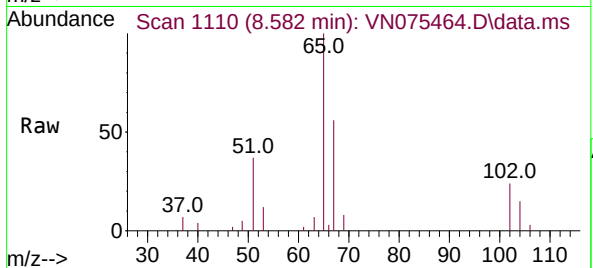
VN1129MBL01

Tgt Ion: 65 Resp: 25786

Ion Ratio Lower Upper

65 100

67 53.7 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075464.D

Acq: 29 Nov 2022 10:09

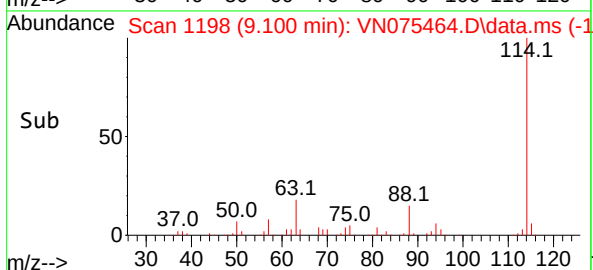
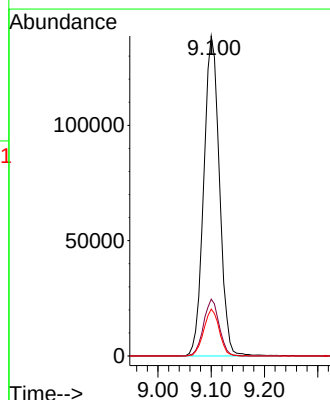
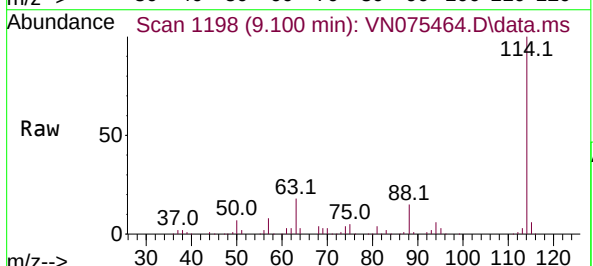
Tgt Ion: 114 Resp: 284075

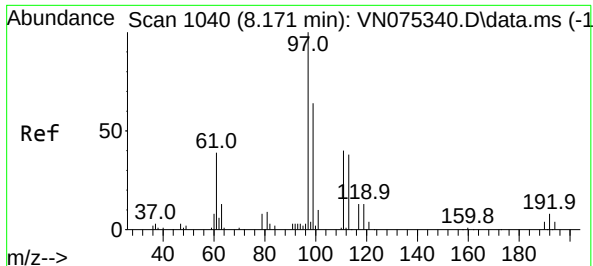
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 27.173 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN075464.D

Acq: 29 Nov 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBL01

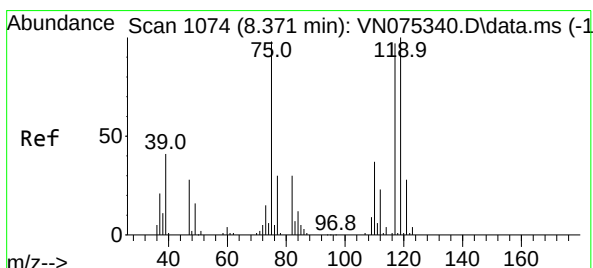
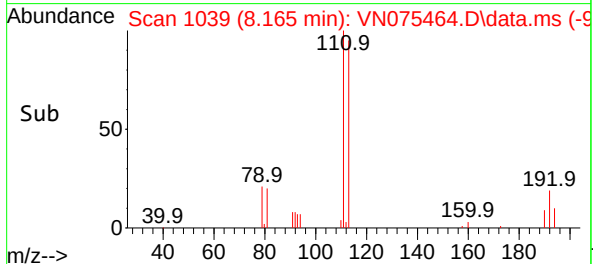
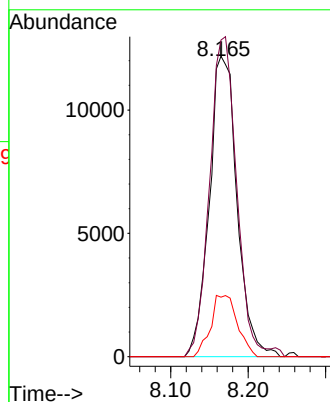
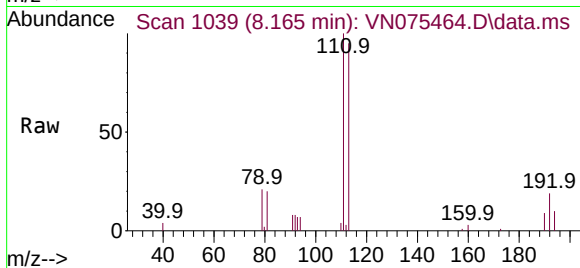
Tgt Ion:113 Resp: 30323

Ion Ratio Lower Upper

113 100

111 104.4 80.5 120.7

192 19.6 13.2 19.8



#36

1,1-Dichloropropene

Concen: 5.079 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.147 min

Lab File: VN075464.D

Acq: 29 Nov 2022 10:09

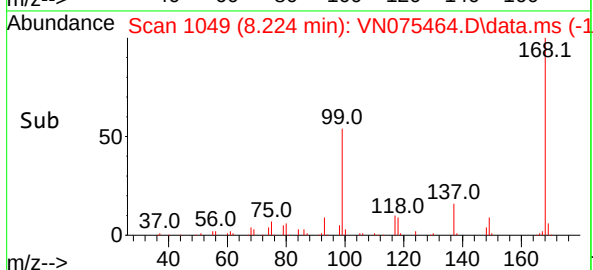
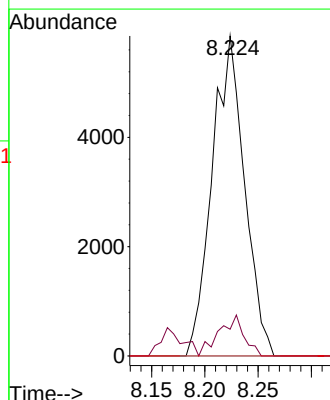
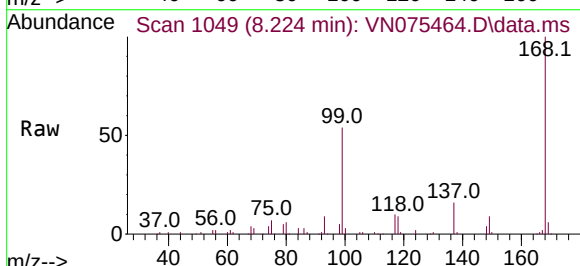
Tgt Ion: 75 Resp: 12360

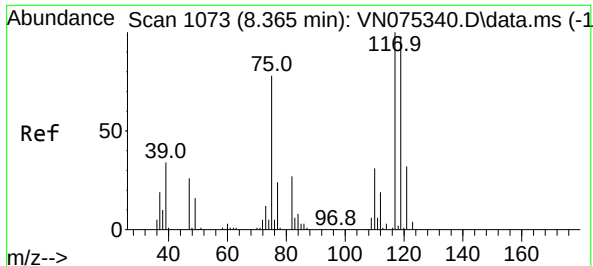
Ion Ratio Lower Upper

75 100

110 9.8 17.8 53.3#

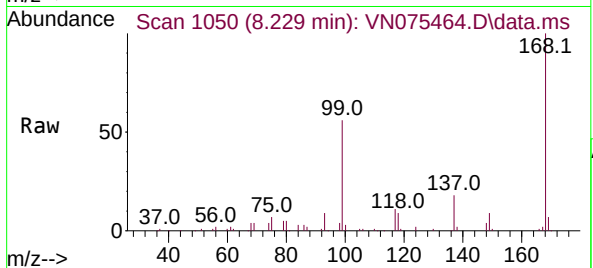
77 0.0 24.6 37.0#



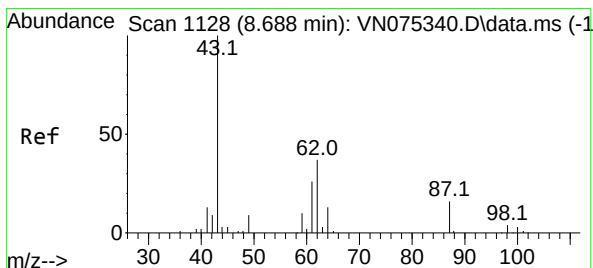
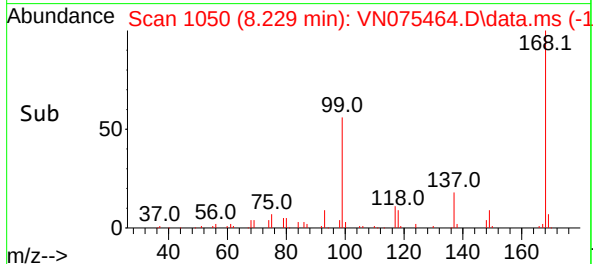
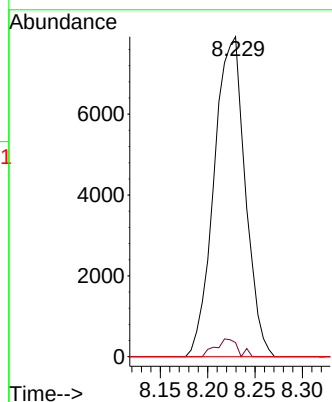


#38
Carbon Tetrachloride
Concen: 6.765 ug/l
RT: 8.229 min Scan# 1107
Delta R.T. -0.136 min
Lab File: VN075464.D
Acq: 29 Nov 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBL01

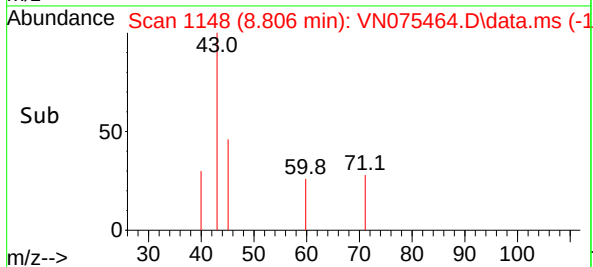
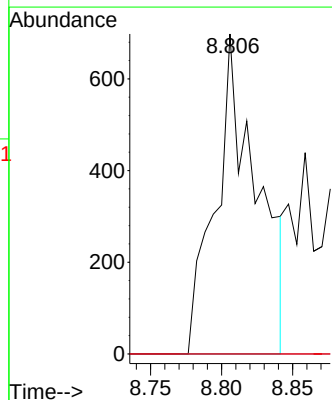
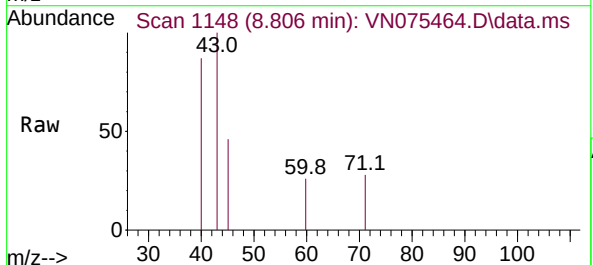


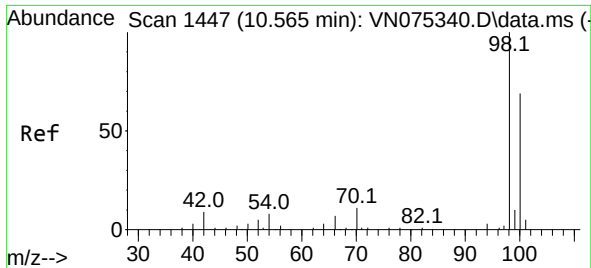
Tgt Ion:117 Resp: 18084
Ion Ratio Lower Upper
117 100
119 4.4 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.400 ug/l
RT: 8.806 min Scan# 1148
Delta R.T. 0.118 min
Lab File: VN075464.D
Acq: 29 Nov 2022 10:09

Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

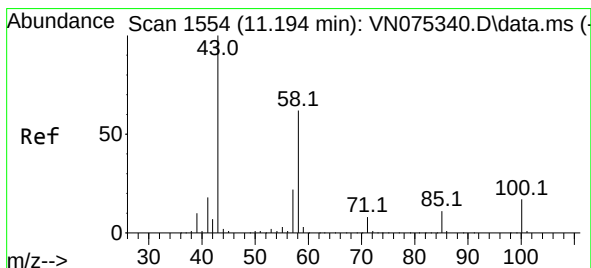
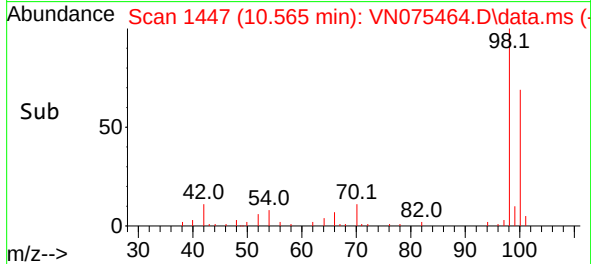
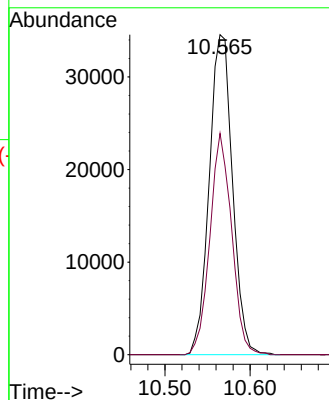
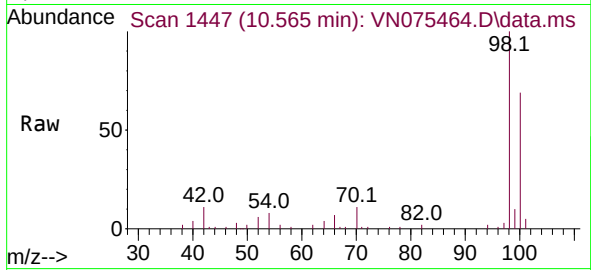




#50
Toluene-d8
Concen: 26.141 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075464.D
Acq: 29 Nov 2022 10:09

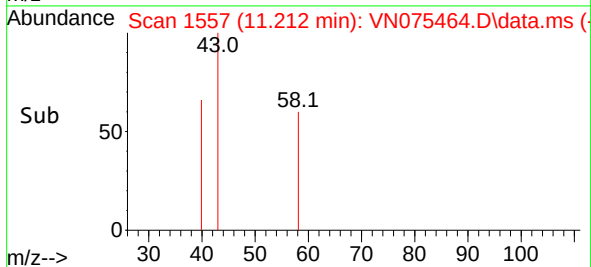
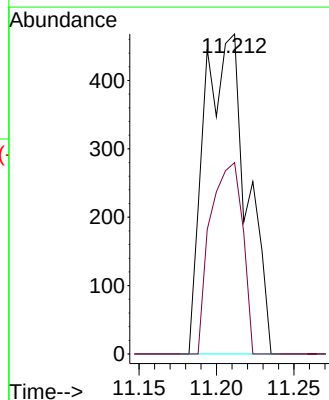
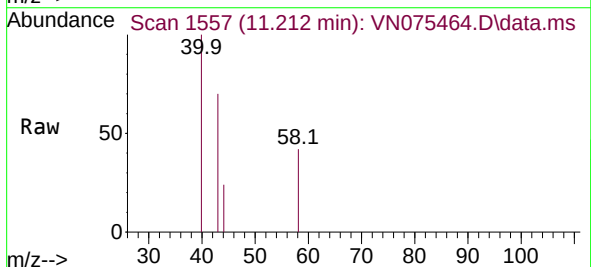
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBL01

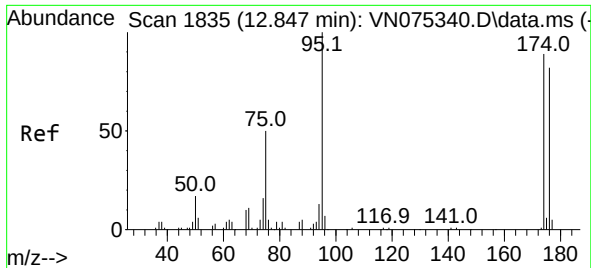
Tgt Ion: 98 Resp: 65704
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.6



#59
2-Hexanone
Concen: 0.530 ug/l
RT: 11.212 min Scan# 1557
Delta R.T. 0.018 min
Lab File: VN075464.D
Acq: 29 Nov 2022 10:09

Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
58 45.3 29.6 88.8

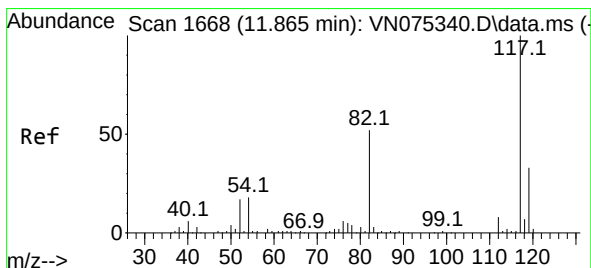
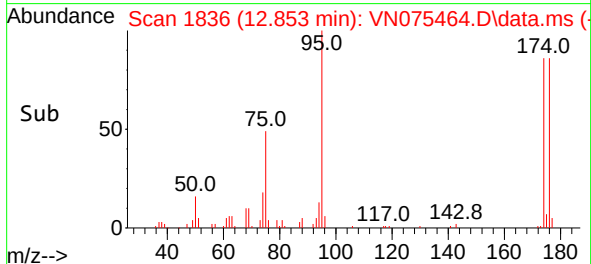
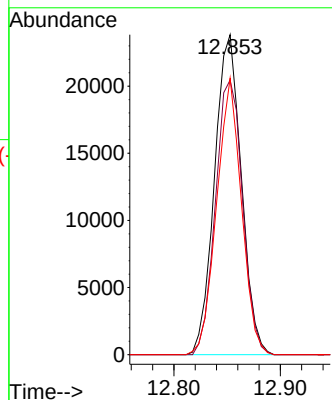
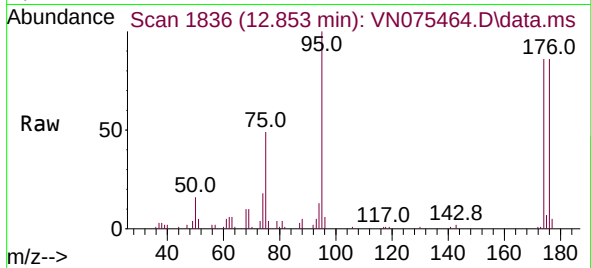




#62
4-Bromofluorobenzene
Concen: 22.438 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075464.D
Acq: 29 Nov 2022 10:09

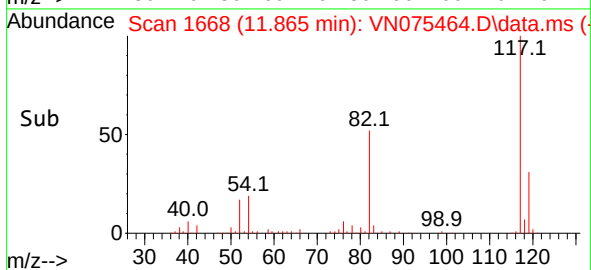
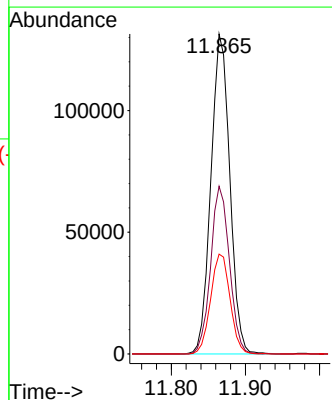
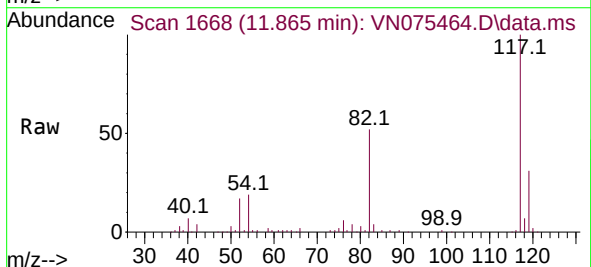
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBL01

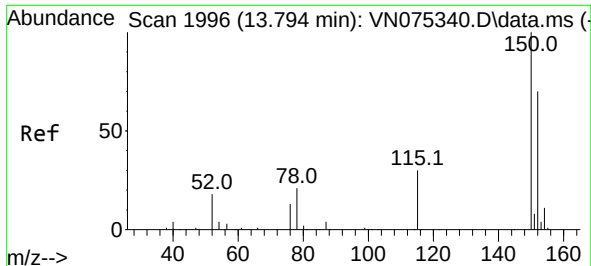
Tgt Ion: 95 Resp: 41627
Ion Ratio Lower Upper
95 100
174 86.7 0.0 147.4
176 79.9 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075464.D
Acq: 29 Nov 2022 10:09

Tgt Ion: 117 Resp: 232718
Ion Ratio Lower Upper
117 100
82 52.4 43.1 64.7
119 31.2 25.5 38.3

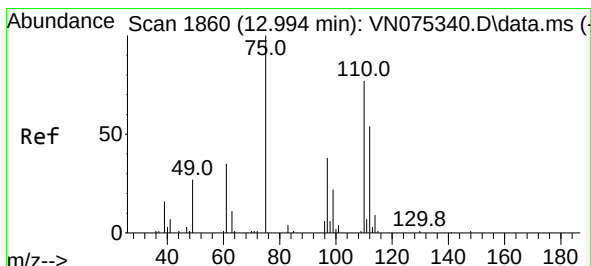
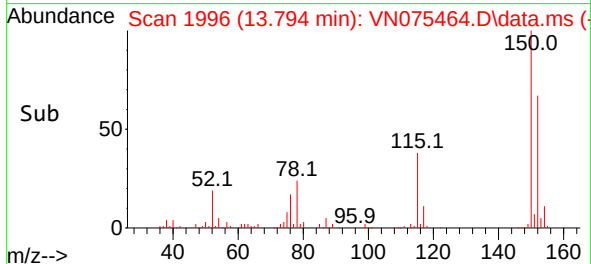
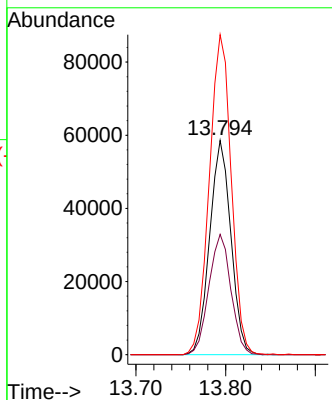
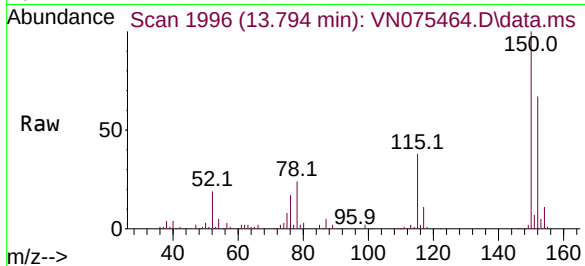




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075464.D
 Acq: 29 Nov 2022 10:09

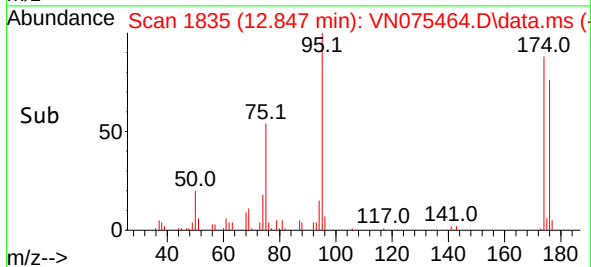
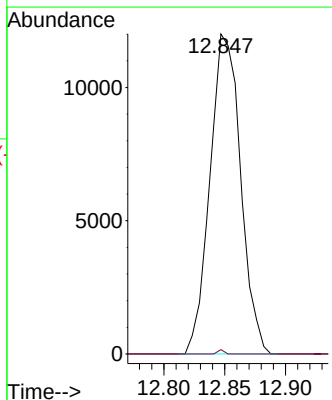
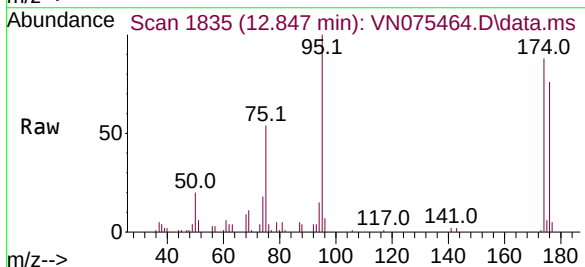
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBL01

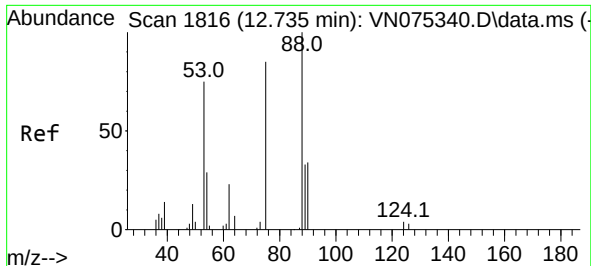
Tgt Ion:152 Resp: 96302
 Ion Ratio Lower Upper
 152 100
 115 58.2 30.2 90.6
 150 154.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 11.561 ug/l
 RT: 12.847 min Scan# 1835
 Delta R.T. -0.147 min
 Lab File: VN075464.D
 Acq: 29 Nov 2022 10:09

Tgt Ion: 75 Resp: 21050
 Ion Ratio Lower Upper
 75 100
 77 0.3 75.6 226.8#

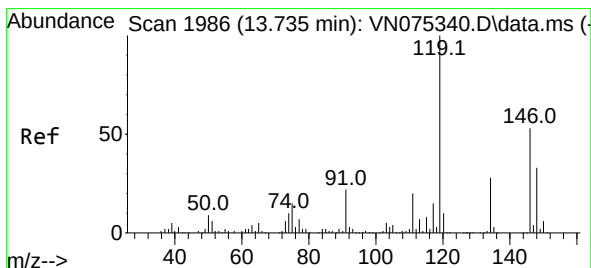
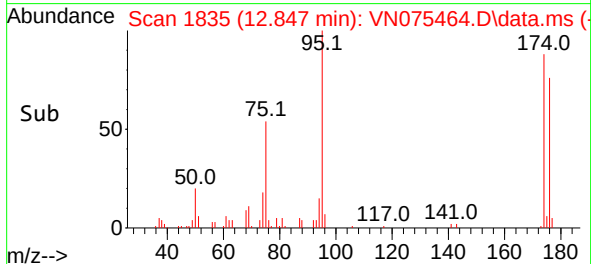
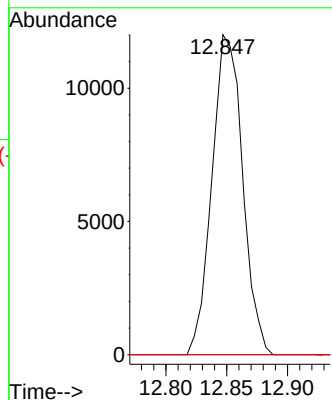
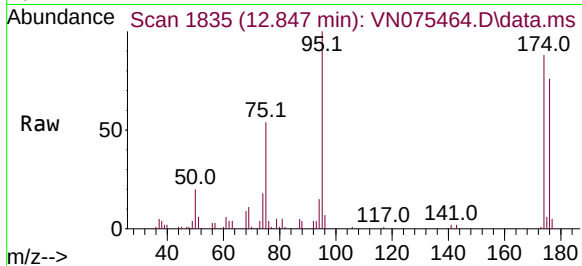




#81
 trans-1,4-Dichloro-2-butene
 Concen: 34.206 ug/l
 RT: 12.847 min Scan# 1835
 Delta R.T. 0.112 min
 Lab File: VN075464.D
 Acq: 29 Nov 2022 10:09

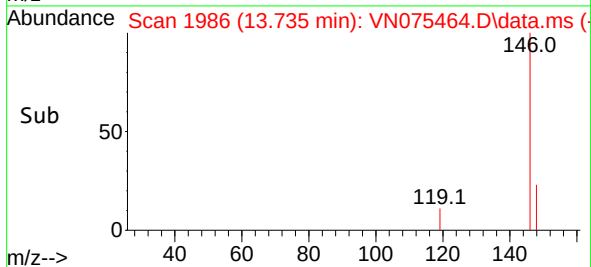
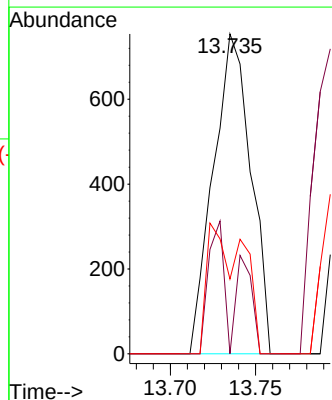
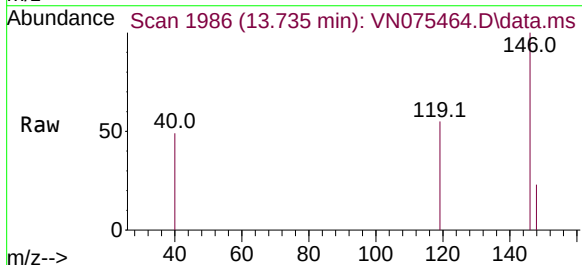
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBL01

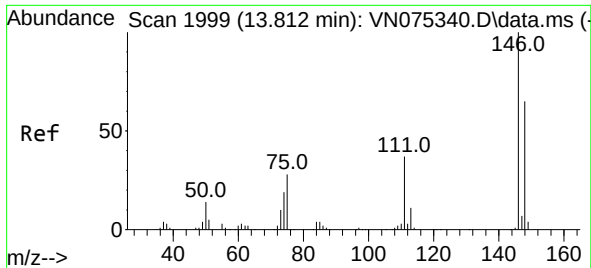
Tgt Ion: 75 Resp: 21050
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#



#87
 1,3-Dichlorobenzene
 Concen: 0.352 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075464.D
 Acq: 29 Nov 2022 10:09

Tgt Ion:146 Resp: 1158
 Ion Ratio Lower Upper
 146 100
 111 17.0 20.8 62.5#
 148 38.4 31.1 93.5

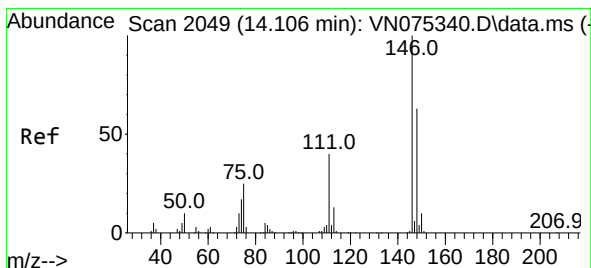
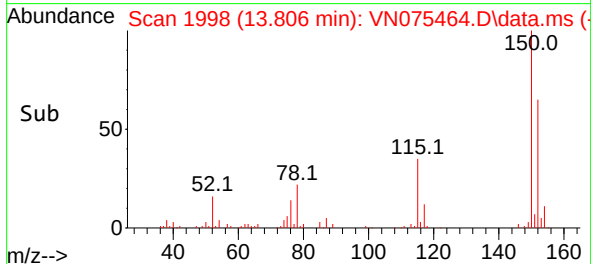
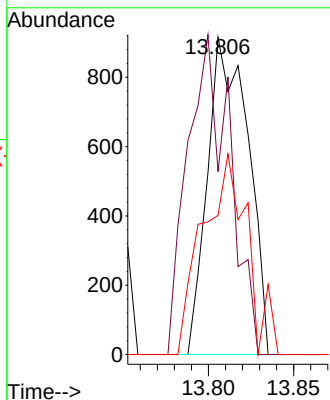
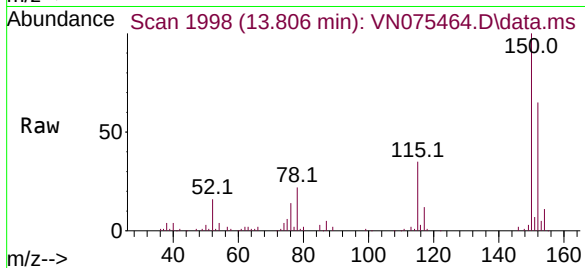




#88
1,4-Dichlorobenzene
Concen: 0.453 ug/l
RT: 13.806 min Scan# 1999
Delta R.T. -0.006 min
Lab File: VN075464.D
Acq: 29 Nov 2022 10:09

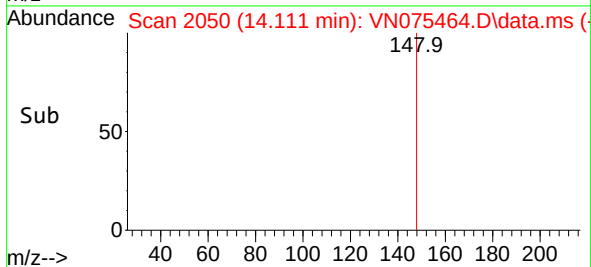
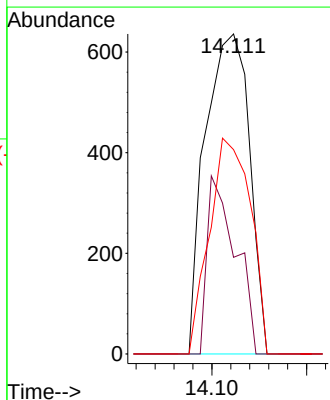
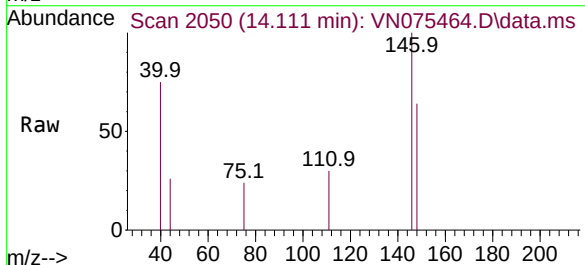
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBL01

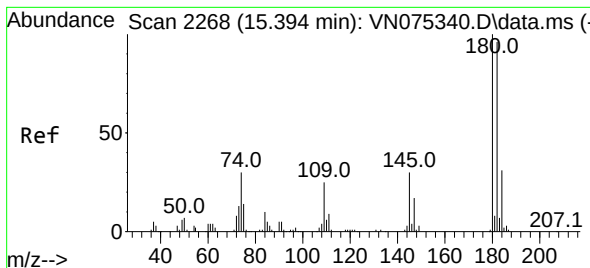
Tgt Ion:146 Resp: 1513
Ion Ratio Lower Upper
146 100
111 104.7 20.1 60.3#
148 69.4 31.9 95.7



#91
1,2-Dichlorobenzene
Concen: 0.321 ug/l
RT: 14.111 min Scan# 2050
Delta R.T. 0.005 min
Lab File: VN075464.D
Acq: 29 Nov 2022 10:09

Tgt Ion:146 Resp: 1031
Ion Ratio Lower Upper
146 100
111 35.8 21.3 63.9
148 62.9 31.4 94.2





#93

1,2,4-Trichlorobenzene

Concen: 1.076 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN075464.D

Acq: 29 Nov 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBL01

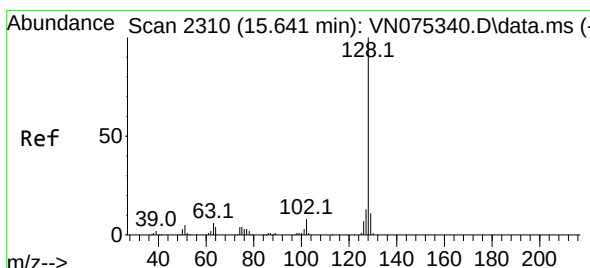
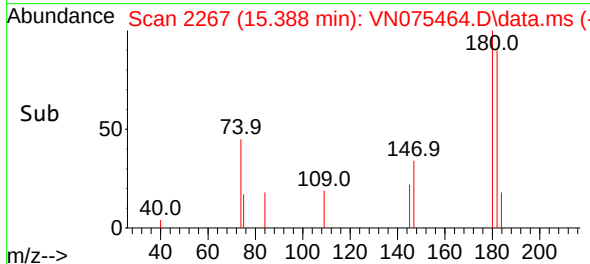
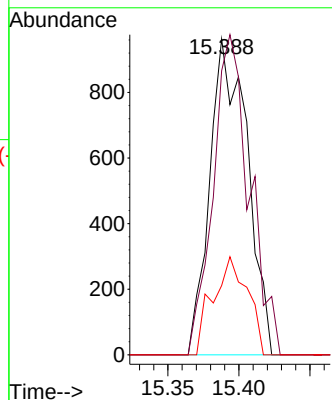
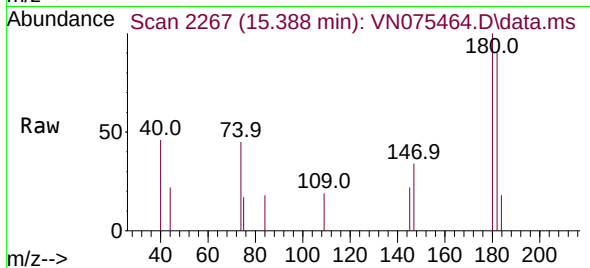
Tgt Ion:180 Resp: 1769

Ion Ratio Lower Upper

180 100

182 98.0 47.8 143.4

145 28.6 16.8 50.3



#95

Naphthalene

Concen: 1.807 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075464.D

Acq: 29 Nov 2022 10:09

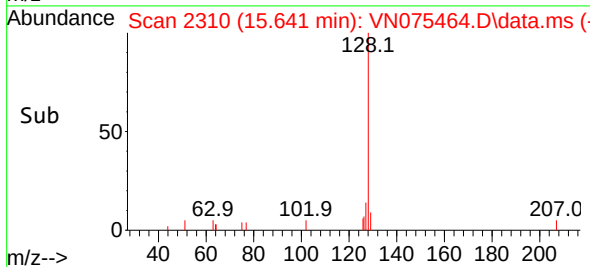
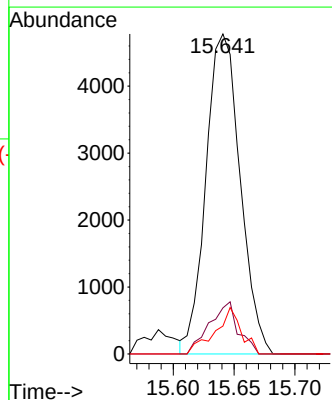
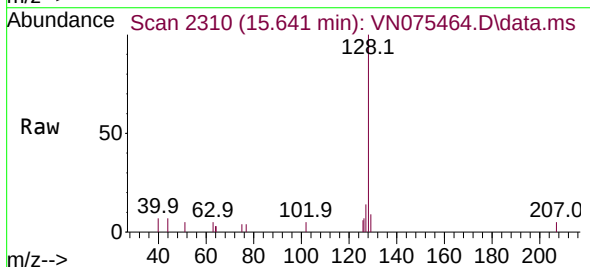
Tgt Ion:128 Resp: 9345

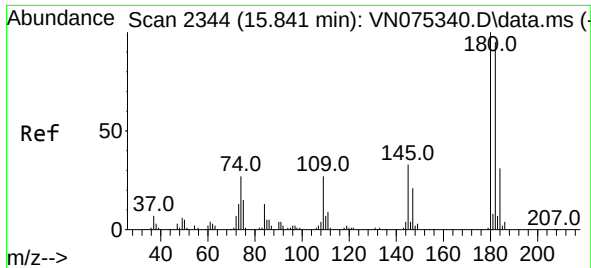
Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

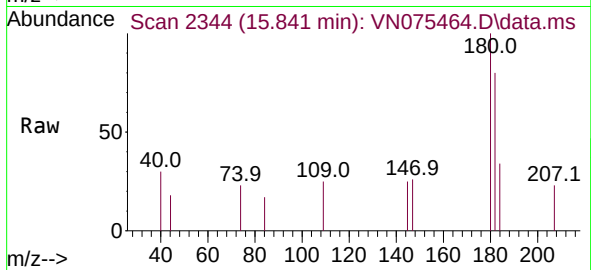
129 11.1 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 1.406 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075464.D
 Acq: 29 Nov 2022 10:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBL01



Tgt Ion:	180	Resp:	2272
Ion	Ratio	Lower	Upper
180	100		
182	88.1	47.3	141.8
145	30.7	17.6	52.9

