

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085327.D
 Acq On : 27 Dec 2024 13:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 28 01:40:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

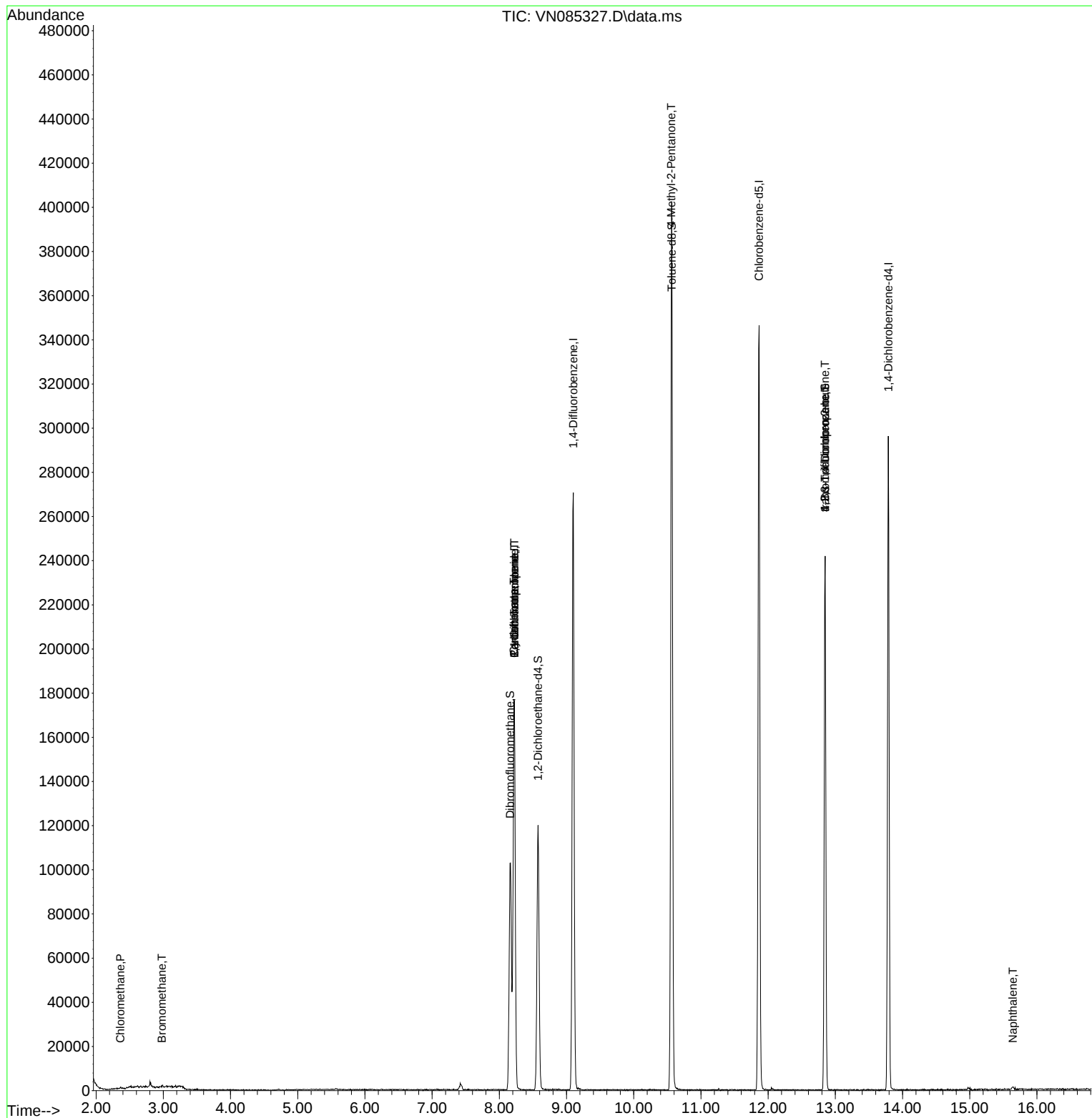
Internal Standards						
1) Pentafluorobenzene	8.224	168	120723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	221370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	188737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	72957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96912	56.284	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.560%	
35) Dibromofluoromethane	8.159	113	73263	53.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.100%	
50) Toluene-d8	10.565	98	270098	53.297	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.600%	
62) 4-Bromofluorobenzene	12.847	95	79232	47.076	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 94.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	447	0.244	ug/l #	43
5) Bromomethane	2.977	94	337	0.266	ug/l #	3
31) Cyclohexane	8.218	56	3337	1.311	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	11300	5.588	ug/l #	43
38) Carbon Tetrachloride	8.224	117	13899	6.306	ug/l #	16
51) 4-Methyl-2-Pentanone	10.559	43	1378	0.741	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	44511	32.671	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	44511	78.243	ug/l #	10
95) Naphthalene	15.641	128	1972	0.519	ug/l #	81

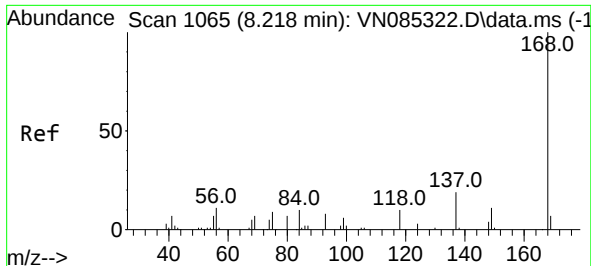
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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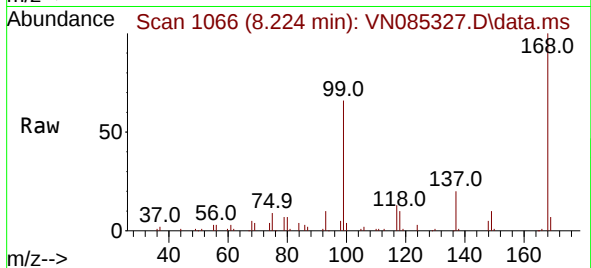
Quant Time: Dec 28 01:40:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
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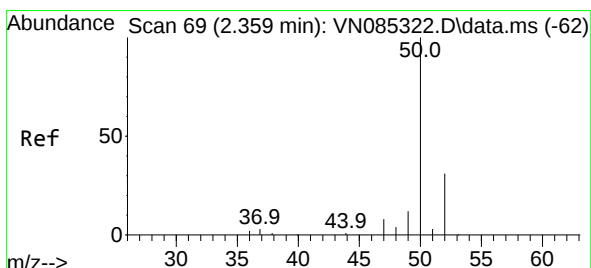
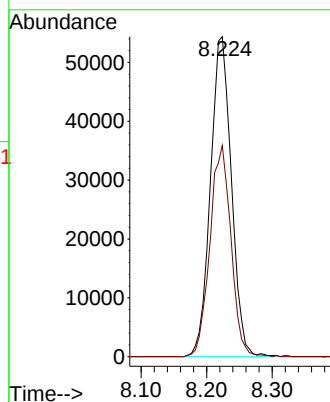
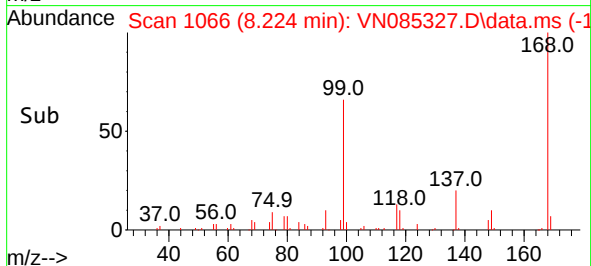


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085327.D
Acq: 27 Dec 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :

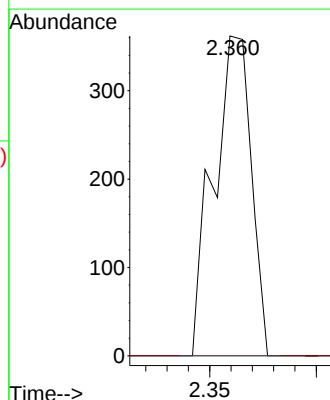
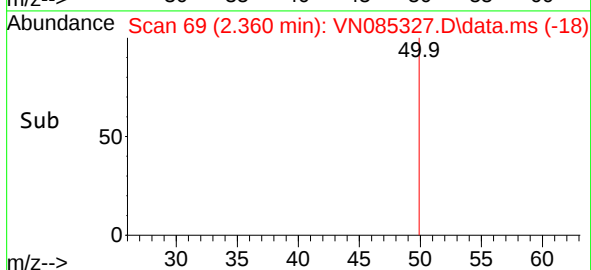
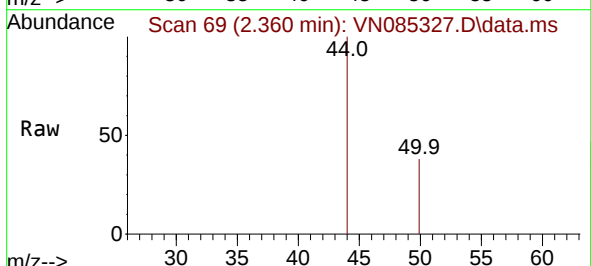


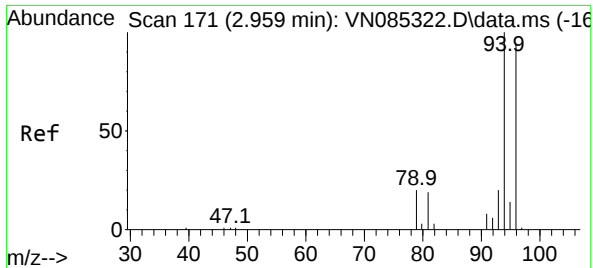
Tgt Ion:168 Resp: 120723
Ion Ratio Lower Upper
168 100
99 66.0 51.0 76.4



#3
Chloromethane
Concen: 0.244 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085327.D
Acq: 27 Dec 2024 13:12

Tgt Ion: 50 Resp: 447
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#

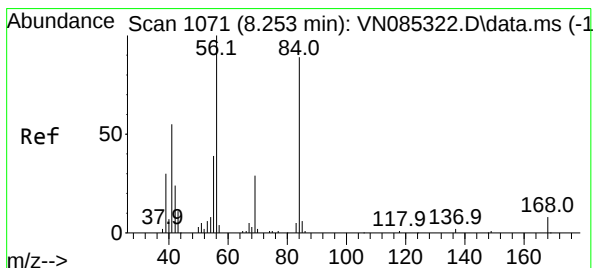
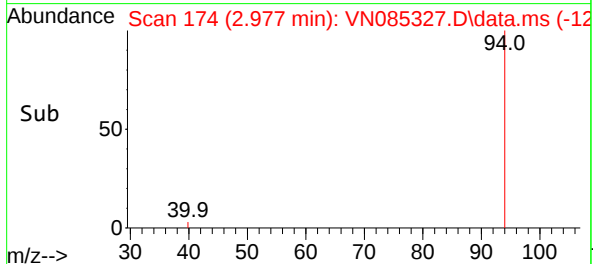
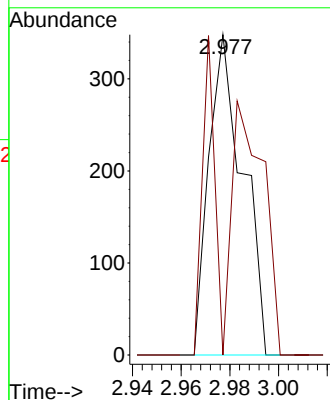
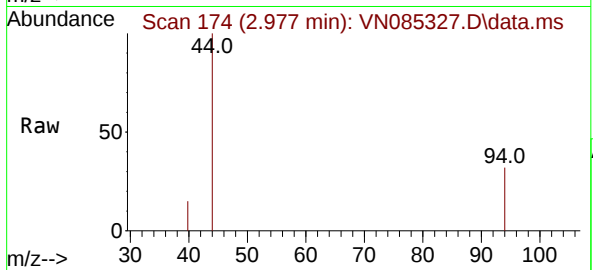




#5
Bromomethane
Concen: 0.266 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085327.D
Acq: 27 Dec 2024 13:12

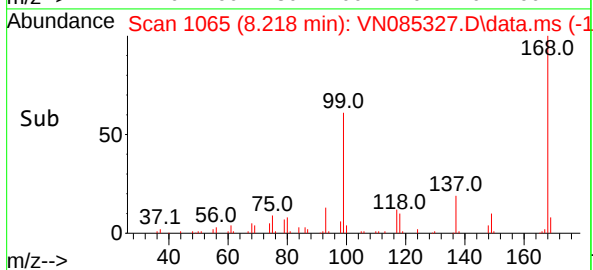
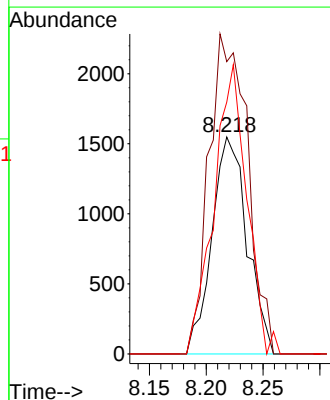
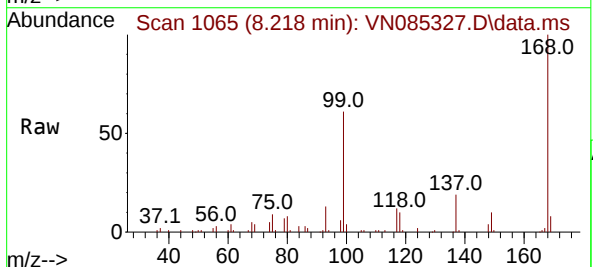
Instrument :
MSVOA_N
ClientSampleId :

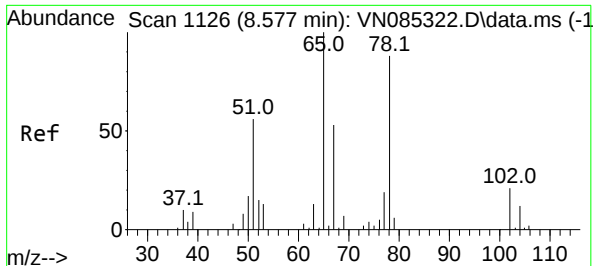
Tgt Ion: 94 Resp: 337
Ion Ratio Lower Upper
94 100
96 0.0 75.2 112.8#



#31
Cyclohexane
Concen: 1.311 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085327.D
Acq: 27 Dec 2024 13:12

Tgt Ion: 56 Resp: 3337
Ion Ratio Lower Upper
56 100
69 134.7 23.4 35.0#
84 116.0 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 56.284 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085327.D

Acq: 27 Dec 2024 13:12

Instrument :

MSVOA_N

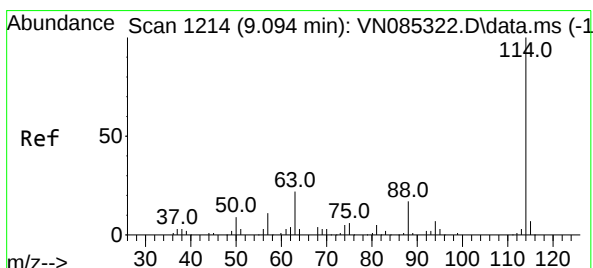
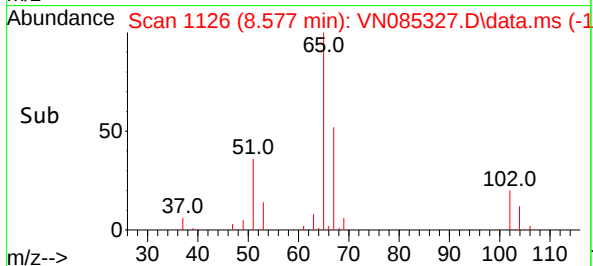
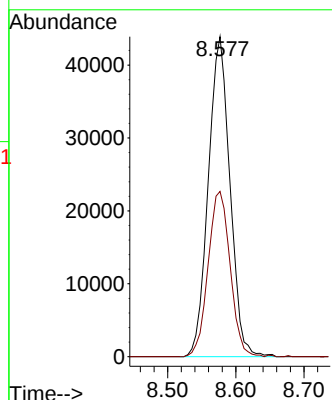
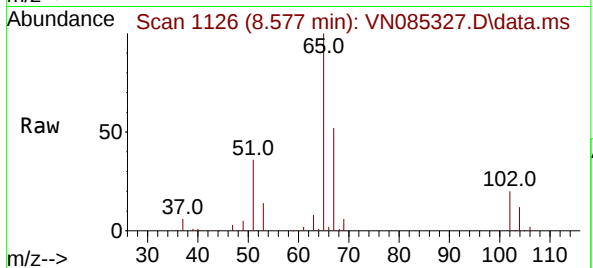
ClientSampleId :

Tgt Ion: 65 Resp: 96912

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085327.D

Acq: 27 Dec 2024 13:12

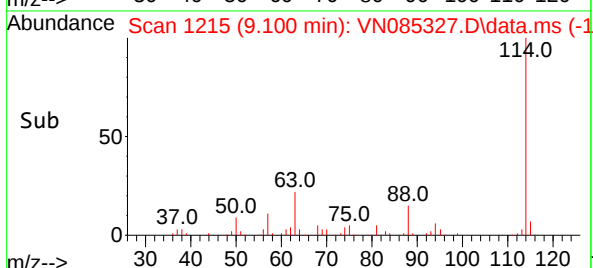
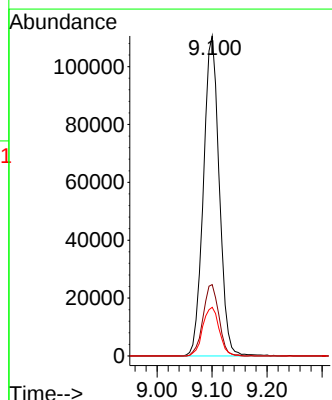
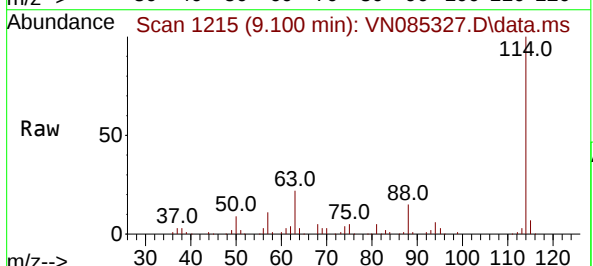
Tgt Ion: 114 Resp: 221370

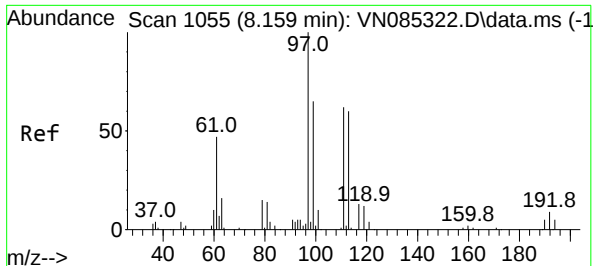
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 15.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 53.050 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085327.D

Acq: 27 Dec 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

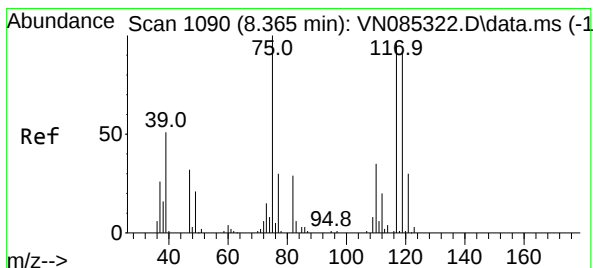
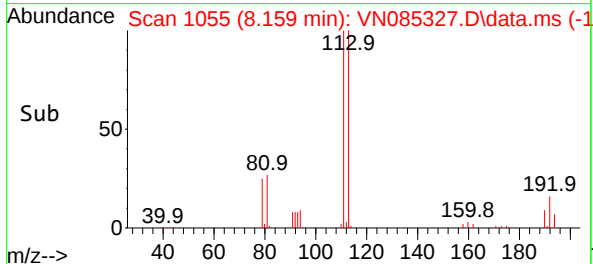
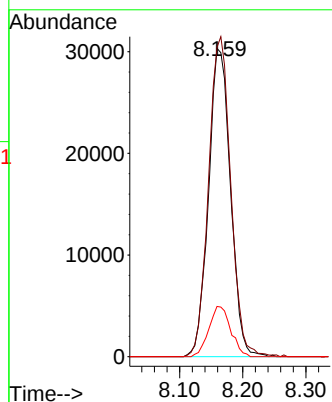
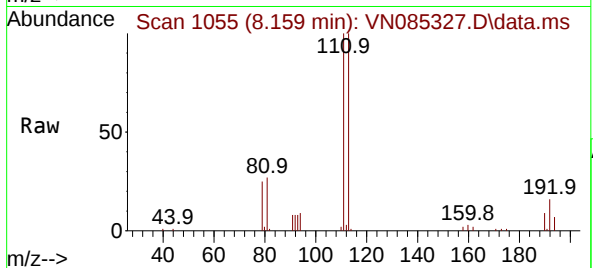
Tgt Ion:113 Resp: 73263

Ion Ratio Lower Upper

113 100

111 104.9 80.5 120.7

192 16.2 12.9 19.3



#36

1,1-Dichloropropene

Concen: 5.588 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085327.D

Acq: 27 Dec 2024 13:12

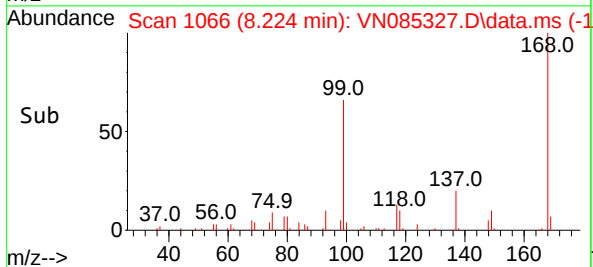
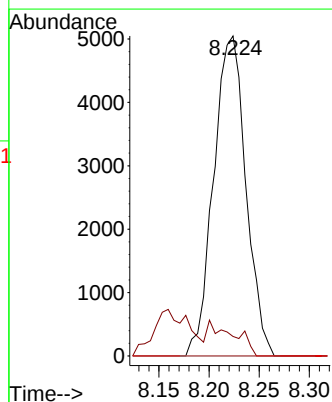
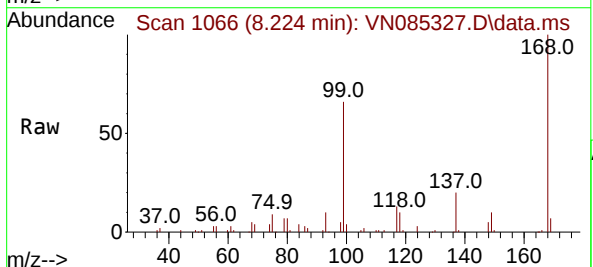
Tgt Ion: 75 Resp: 11300

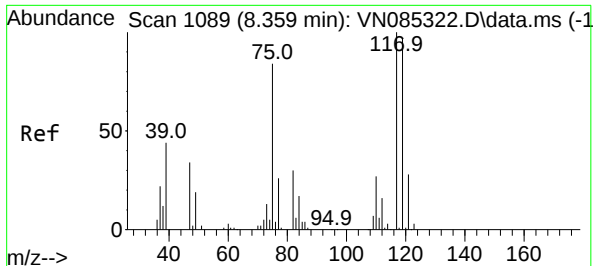
Ion Ratio Lower Upper

75 100

110 0.0 16.6 49.8#

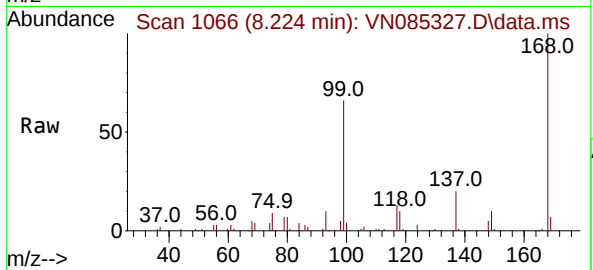
77 0.0 24.3 36.5#



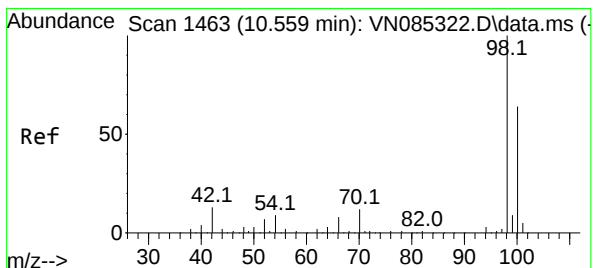
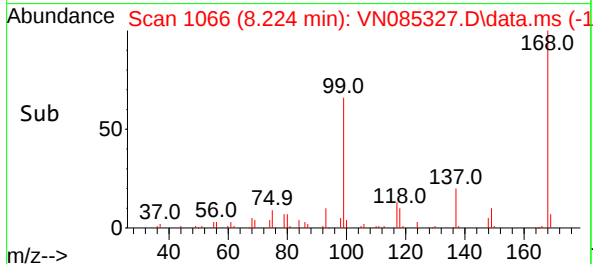
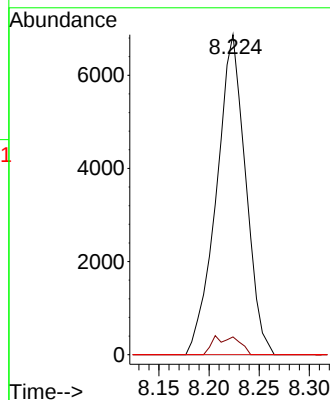


#38
Carbon Tetrachloride
Concen: 6.306 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085327.D
Acq: 27 Dec 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :

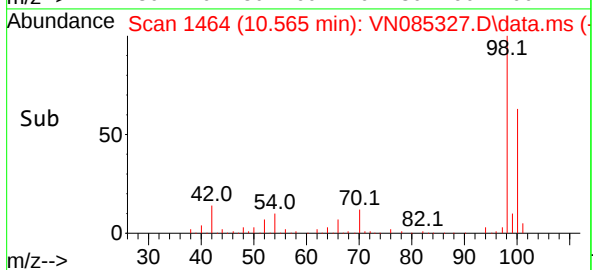
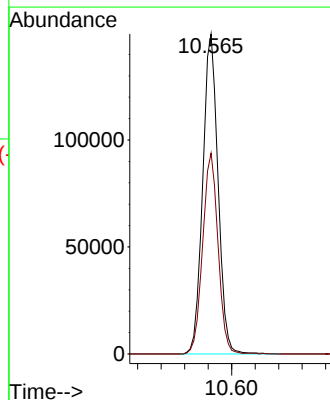
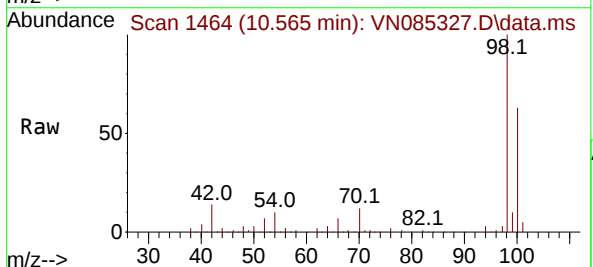


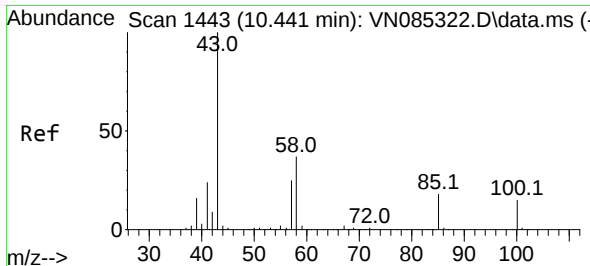
Tgt Ion:117 Resp: 13899
Ion Ratio Lower Upper
117 100
119 5.5 77.8 116.6#
121 0.0 22.5 33.7#



#50
Toluene-d8
Concen: 53.297 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085327.D
Acq: 27 Dec 2024 13:12

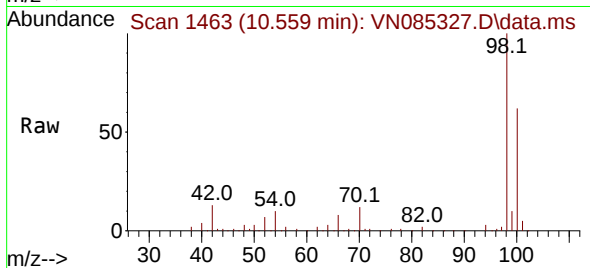
Tgt Ion: 98 Resp: 270098
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3



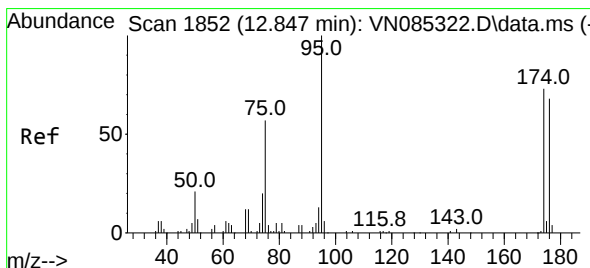
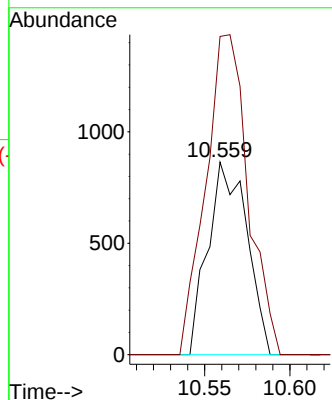
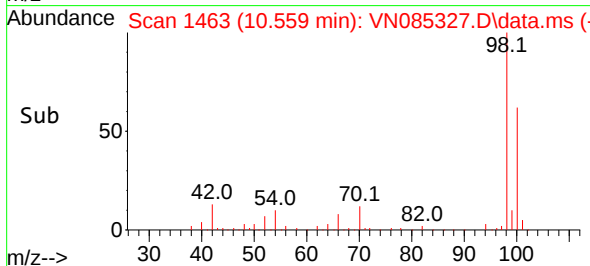


#51
4-Methyl-2-Pentanone
Concen: 0.741 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN085327.D
Acq: 27 Dec 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :

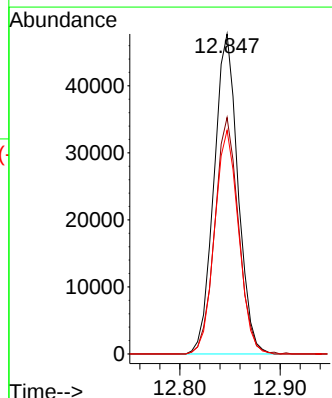
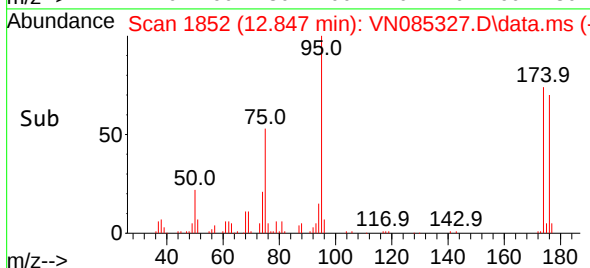
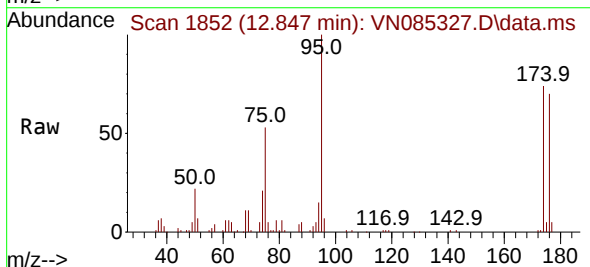


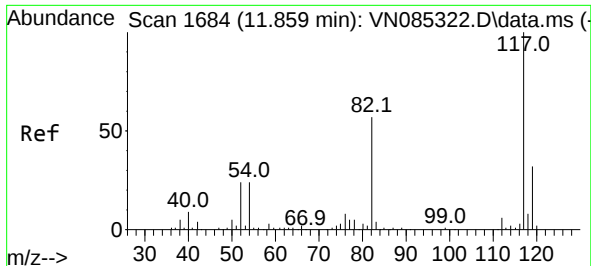
Tgt Ion: 43 Resp: 1378
Ion Ratio Lower Upper
43 100
58 180.2 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 47.076 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085327.D
Acq: 27 Dec 2024 13:12

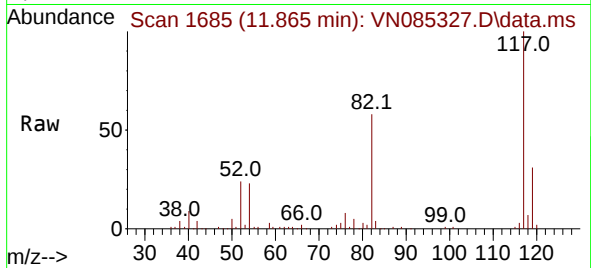
Tgt Ion: 95 Resp: 79232
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.2
176 70.0 0.0 135.8



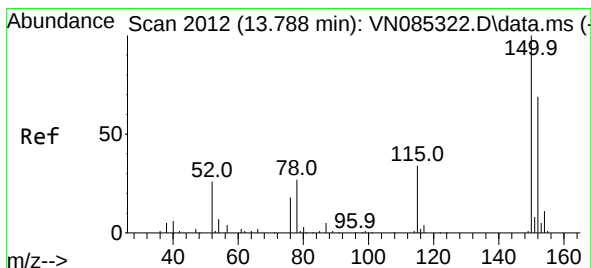
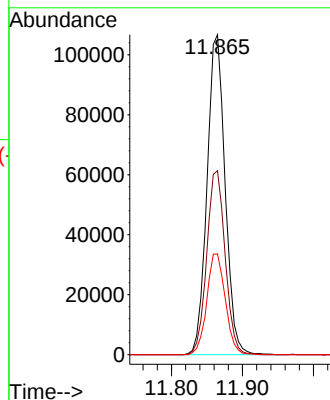
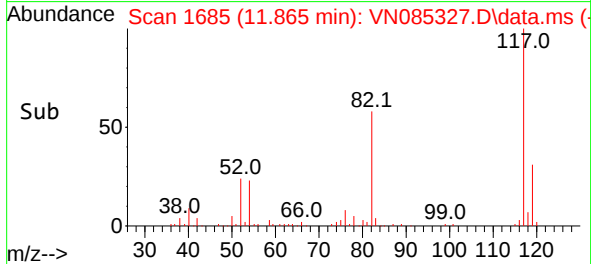


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085327.D
Acq: 27 Dec 2024 13:12

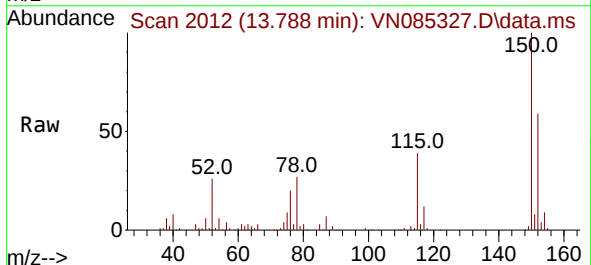
Instrument :
MSVOA_N
ClientSampleId :



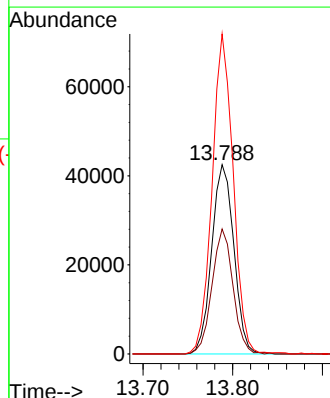
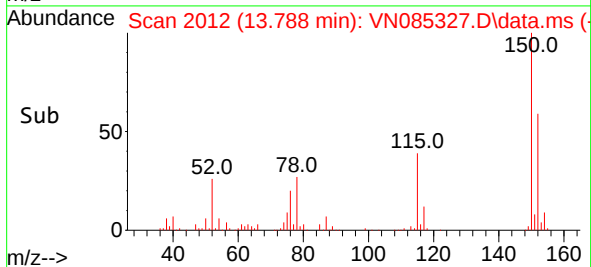
Tgt Ion:117 Resp: 188737
Ion Ratio Lower Upper
117 100
82 57.5 45.7 68.5
119 31.5 25.8 38.8

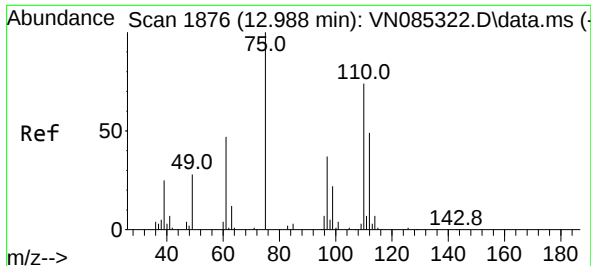


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085327.D
Acq: 27 Dec 2024 13:12



Tgt Ion:152 Resp: 72957
Ion Ratio Lower Upper
152 100
115 62.6 30.4 91.3
150 160.7 0.0 345.0

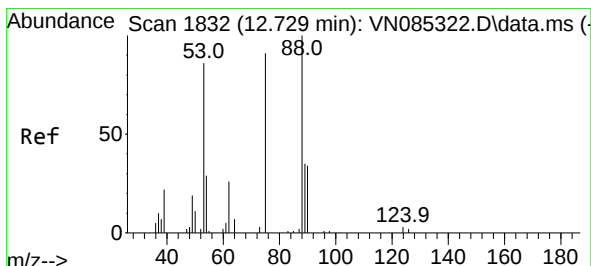
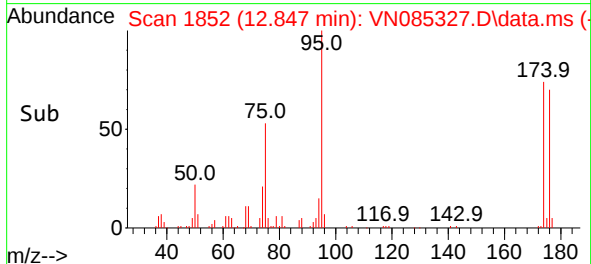
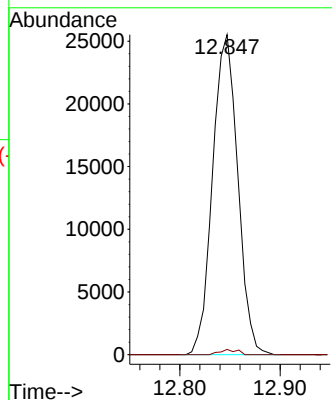
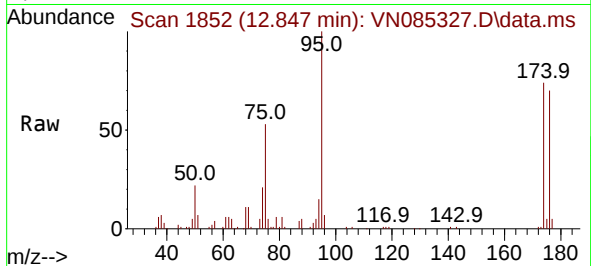




#76
1,2,3-Trichloropropane
Concen: 32.671 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085327.D
Acq: 27 Dec 2024 13:12

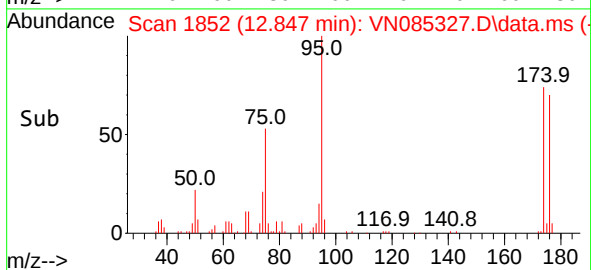
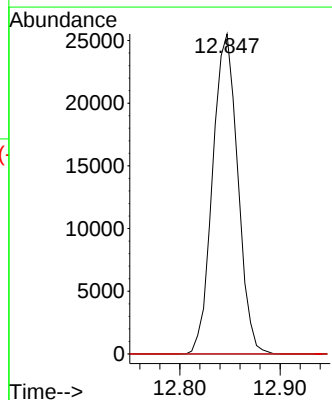
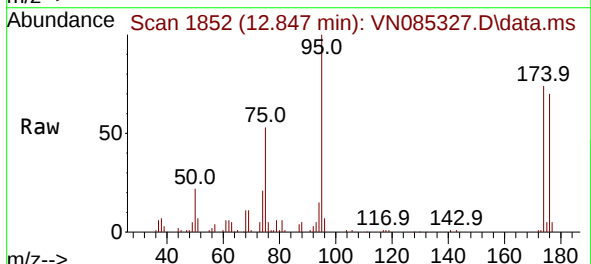
Instrument :
MSVOA_N
ClientSampleId :

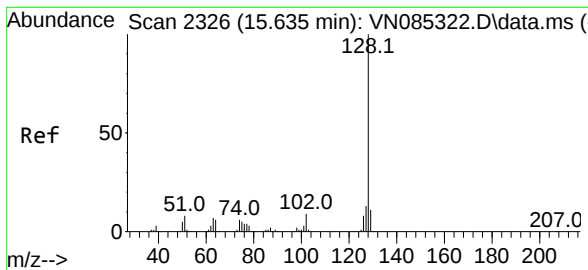
Tgt Ion: 75 Resp: 44511
Ion Ratio Lower Upper
75 100
77 1.1 98.1 294.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.243 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085327.D
Acq: 27 Dec 2024 13:12

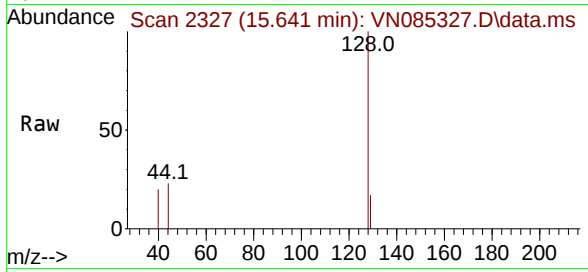
Tgt Ion: 75 Resp: 44511
Ion Ratio Lower Upper
75 100
53 0.0 80.0 120.0#
89 0.0 35.8 53.8#





#95
Naphthalene
Concen: 0.519 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085327.D
Acq: 27 Dec 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	1972
Ion	Ratio	Lower	Upper
128	100		
127	4.1	10.6	16.0#
129	5.7	8.5	12.7#

