

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
 Data File : VN075041.D
 Acq On : 27 Oct 2022 15:19
 Operator : JC\MD
 Sample : N5273-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LIDEN-GAS-PIPELINE

Quant Time: Oct 28 02:14:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

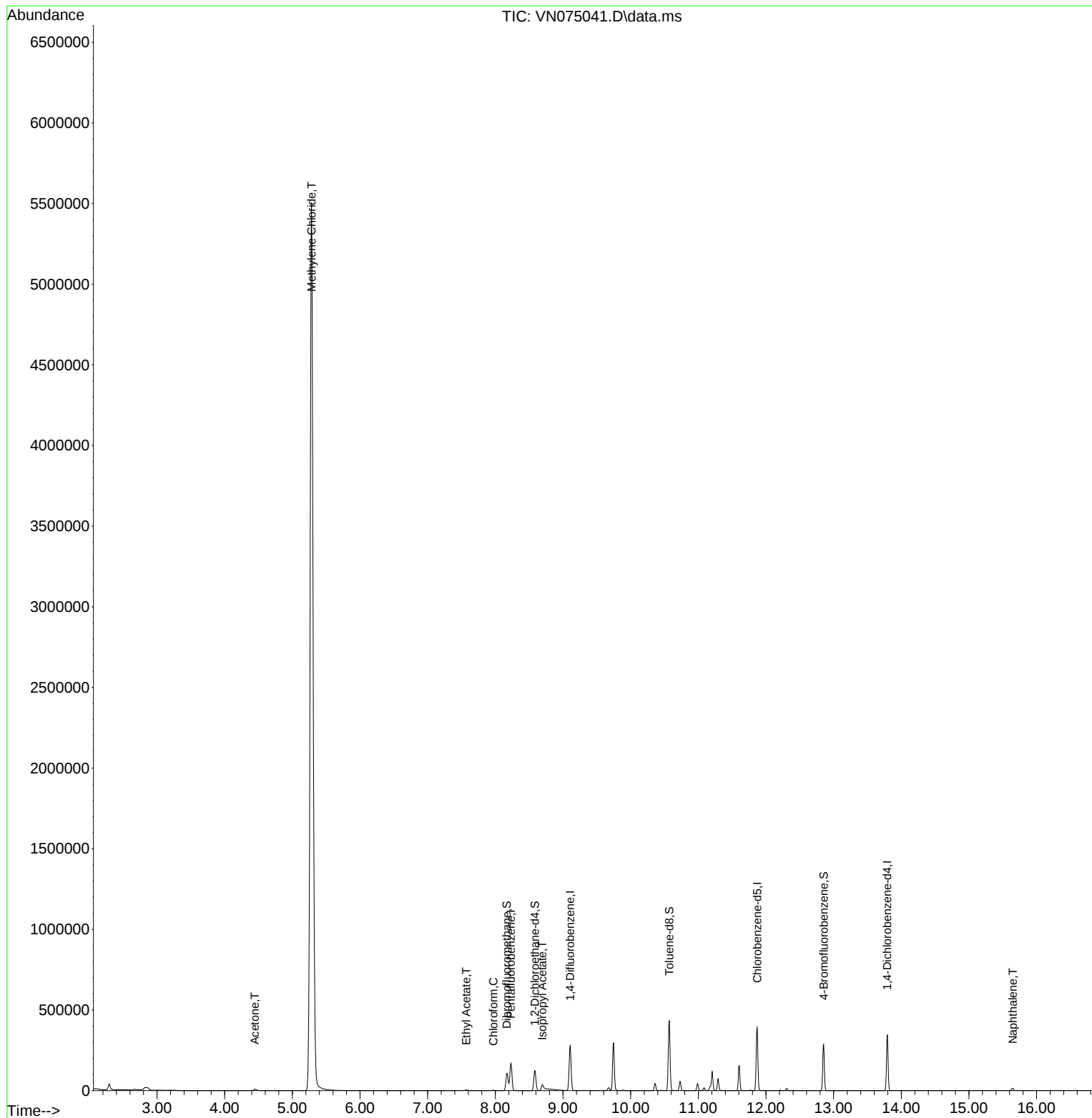
Internal Standards						
1) Pentafluorobenzene	8.230	168	120152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	222167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	100886	62.317	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.640%			
35) Dibromofluoromethane	8.171	113	76670	53.646	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.300%			
50) Toluene-d8	10.571	98	301803	54.430	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.860%			
62) 4-Bromofluorobenzene	12.853	95	96571	49.580	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.160%			
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	17809	25.980	ug/l	96
20) Methylene Chloride	5.283	84	4326706	2830.887	ug/l	94
30) Chloroform	7.971	83	2882	1.022	ug/l	97
37) Ethyl Acetate	7.571	43	7744	3.191	ug/l	97
43) Isopropyl Acetate	8.694	43	60199	15.994	ug/l #	69
95) Naphthalene	15.647	128	14057	2.817	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075041.D
Acq On : 27 Oct 2022 15:19
Operator : JC\MD
Sample : N5273-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LIDEN-GAS-PIPELINE

Quant Time: Oct 28 02:14:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

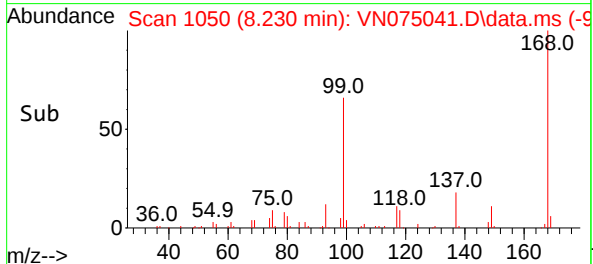
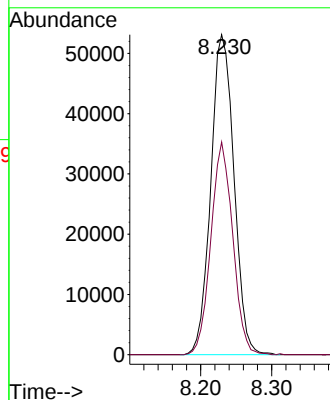
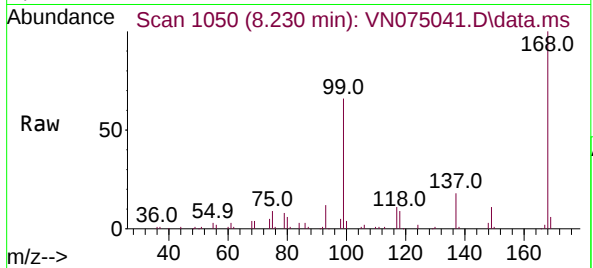




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075041.D
Acq: 27 Oct 2022 15:19

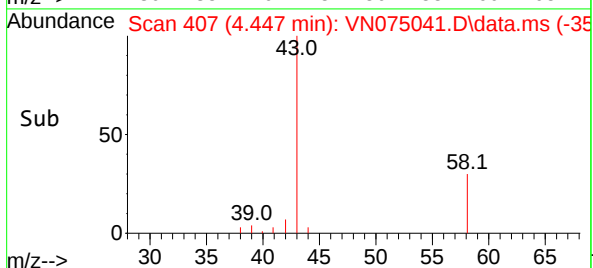
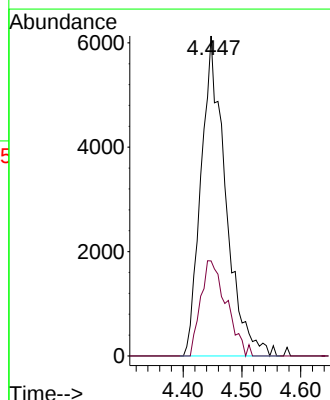
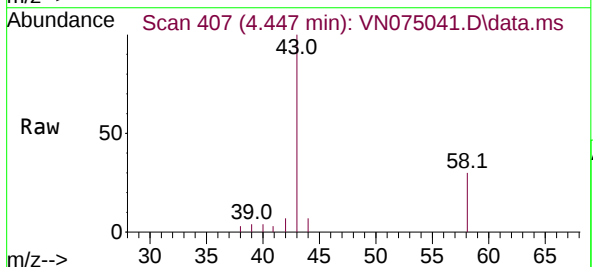
Instrument :
MSVOA_N
ClientSampleId :
LIDEN-GAS-PIPELINE

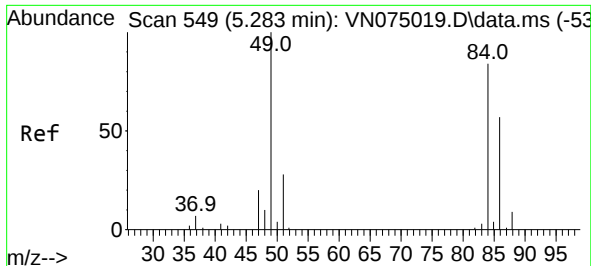
Tgt Ion:168 Resp: 120152
Ion Ratio Lower Upper
168 100
99 66.5 51.6 77.4



#16
Acetone
Concen: 25.980 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN075041.D
Acq: 27 Oct 2022 15:19

Tgt Ion: 43 Resp: 17809
Ion Ratio Lower Upper
43 100
58 29.7 25.5 38.3



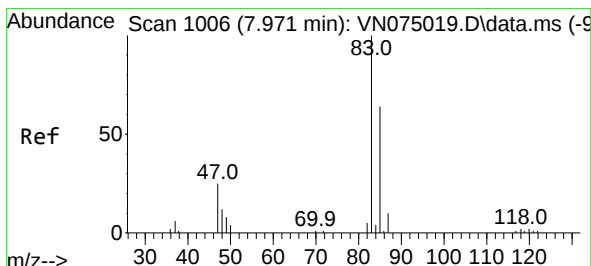
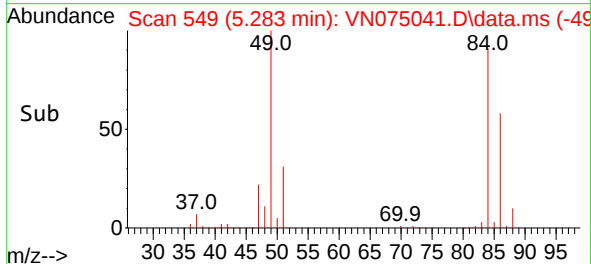
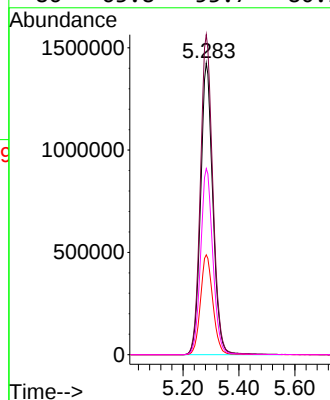
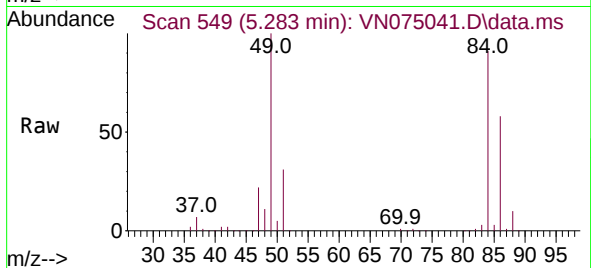


#20
Methylene Chloride
Concen: 2830.887 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075041.D
Acq: 27 Oct 2022 15:19

Instrument :
MSVOA_N
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion: 84 Resp: 4326706

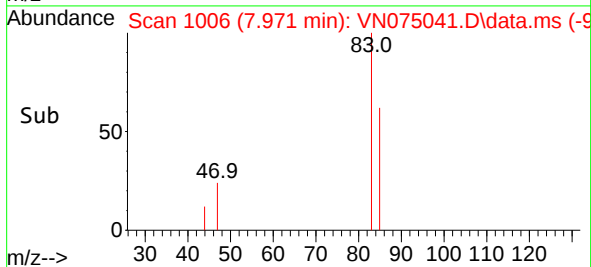
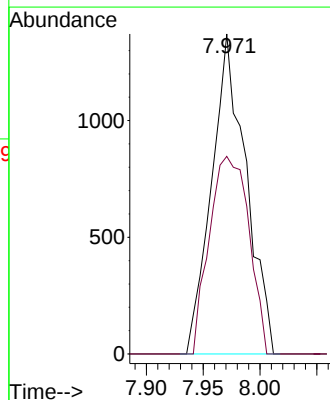
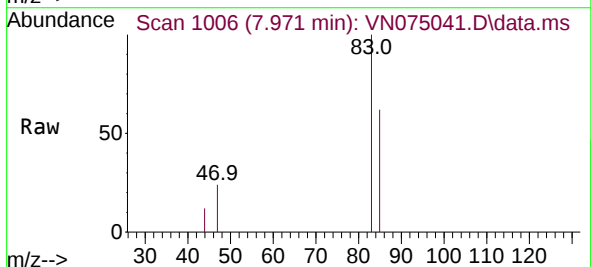
Ion	Ratio	Lower	Upper
84	100		
49	109.7	94.9	142.3
51	34.2	26.8	40.2
86	63.8	53.7	80.5

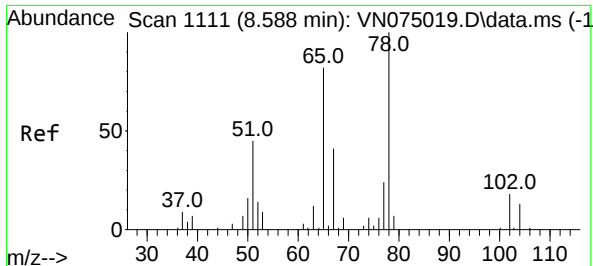


#30
Chloroform
Concen: 1.022 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075041.D
Acq: 27 Oct 2022 15:19

Tgt Ion: 83 Resp: 2882

Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.4	77.0





#33

1,2-Dichloroethane-d4

Concen: 62.317 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075041.D

Acq: 27 Oct 2022 15:19

Instrument :

MSVOA_N

ClientSampleId :

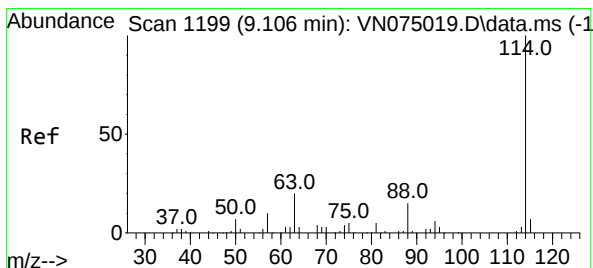
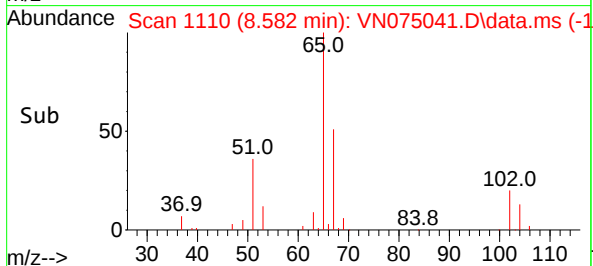
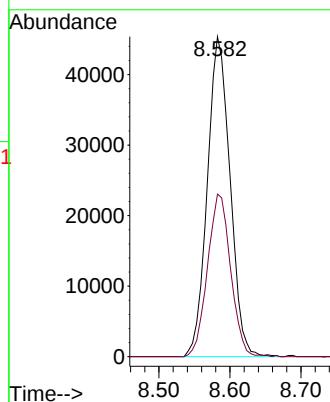
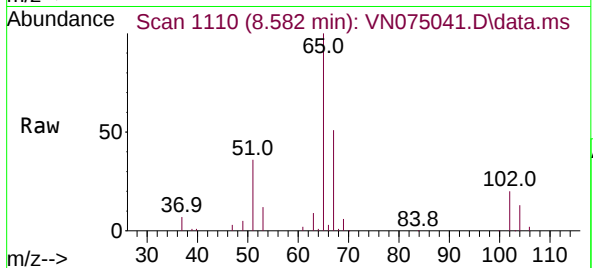
LIDEN-GAS-PIPELINE

Tgt Ion: 65 Resp: 100886

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075041.D

Acq: 27 Oct 2022 15:19

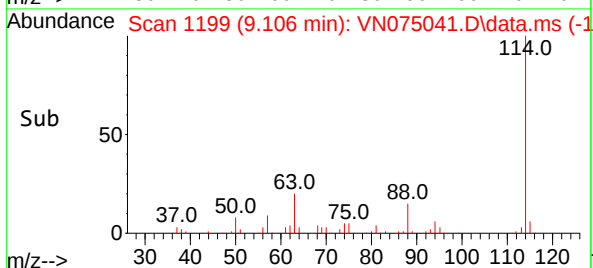
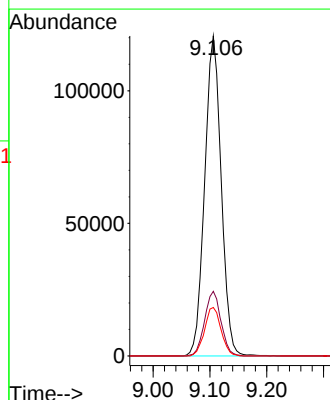
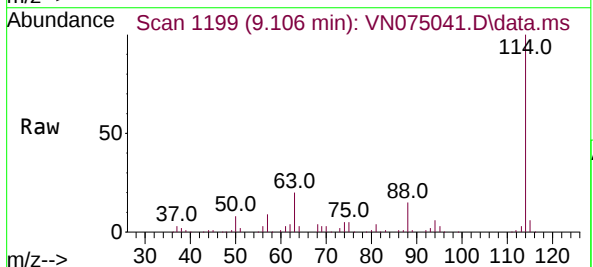
Tgt Ion: 114 Resp: 243451

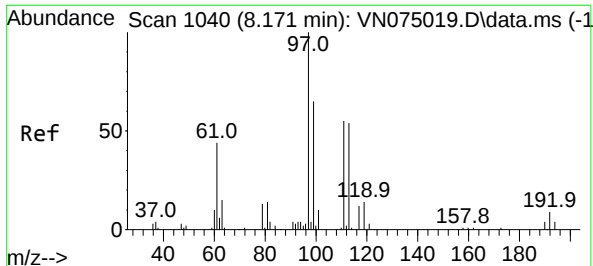
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.646 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075041.D

Acq: 27 Oct 2022 15:19

Instrument :

MSVOA_N

ClientSampleId :

LIDEN-GAS-PIPELINE

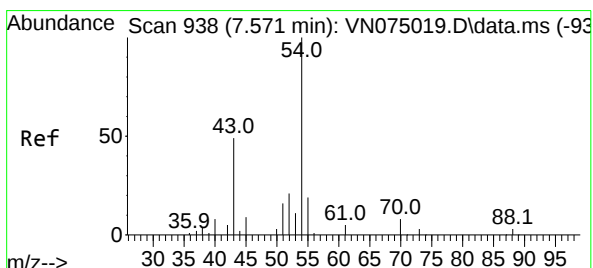
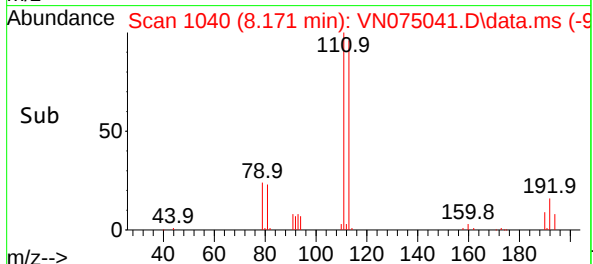
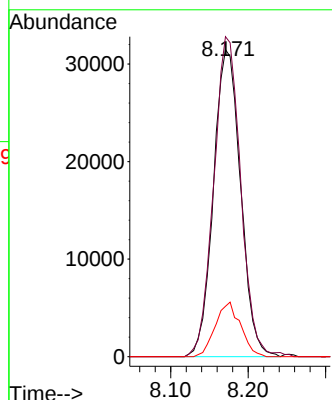
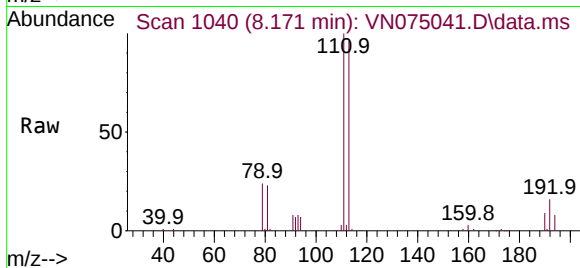
Tgt Ion:113 Resp: 76670

Ion Ratio Lower Upper

113 100

111 103.6 80.5 120.7

192 16.5 13.2 19.8



#37

Ethyl Acetate

Concen: 3.191 ug/l

RT: 7.571 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN075041.D

Acq: 27 Oct 2022 15:19

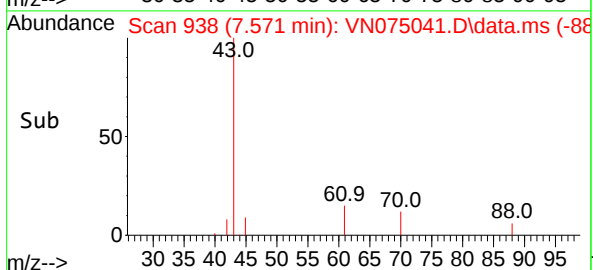
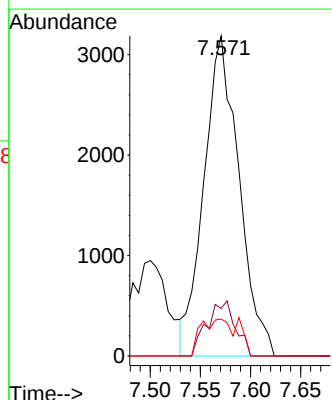
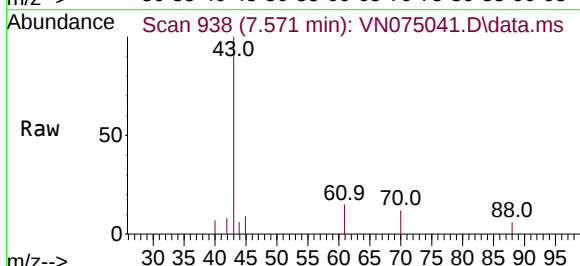
Tgt Ion: 43 Resp: 7744

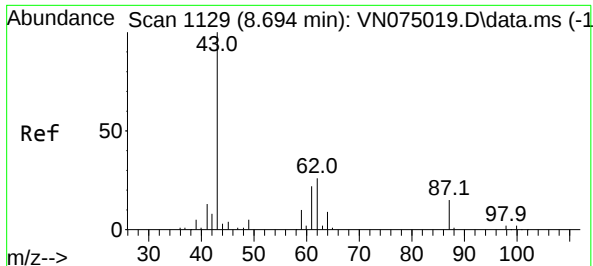
Ion Ratio Lower Upper

43 100

61 13.8 12.2 18.4

70 12.4 9.4 14.2





#43

Isopropyl Acetate

Concen: 15.994 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075041.D

Acq: 27 Oct 2022 15:19

Instrument :

MSVOA_N

ClientSampleId :

LIDEN-GAS-PIPELINE

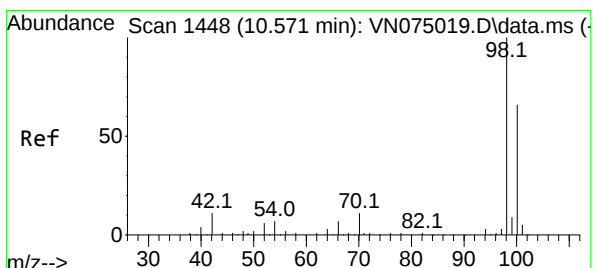
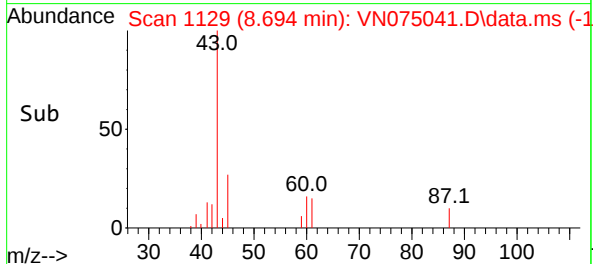
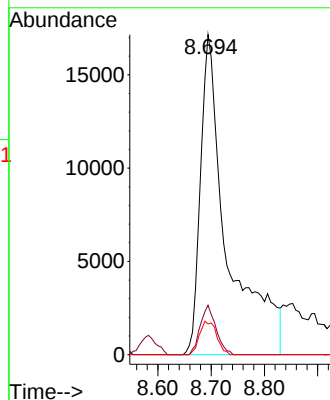
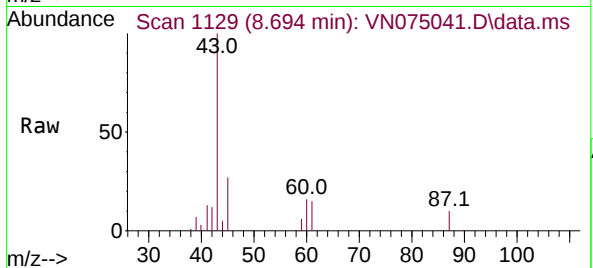
Tgt Ion: 43 Resp: 60199

Ion Ratio Lower Upper

43 100

61 9.1 22.4 33.6#

87 6.6 12.5 18.7#



#50

Toluene-d8

Concen: 54.430 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075041.D

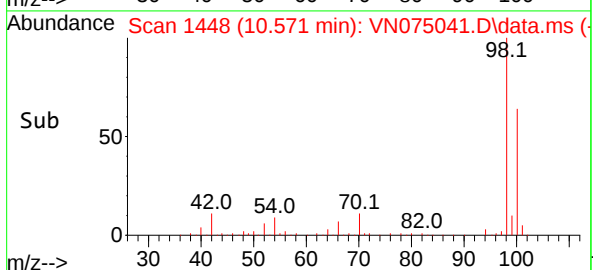
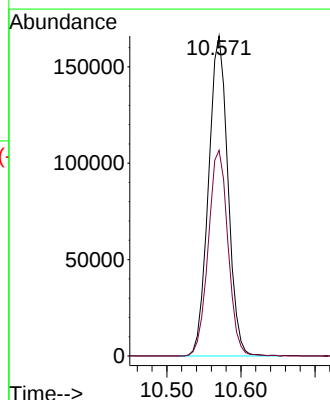
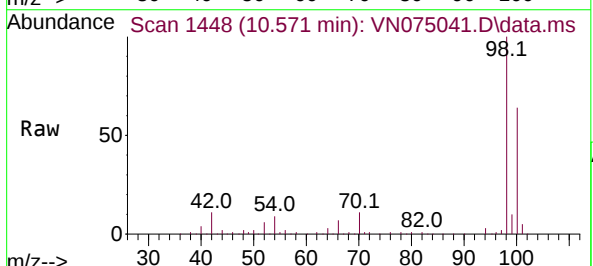
Acq: 27 Oct 2022 15:19

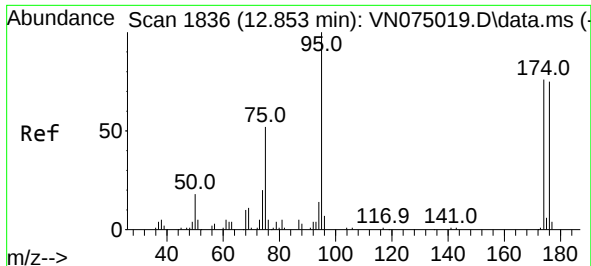
Tgt Ion: 98 Resp: 301803

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 49.580 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075041.D

Acq: 27 Oct 2022 15:19

Instrument :

MSVOA_N

ClientSampleId :

LIDEN-GAS-PIPELINE

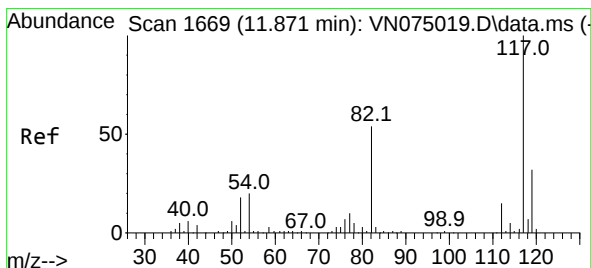
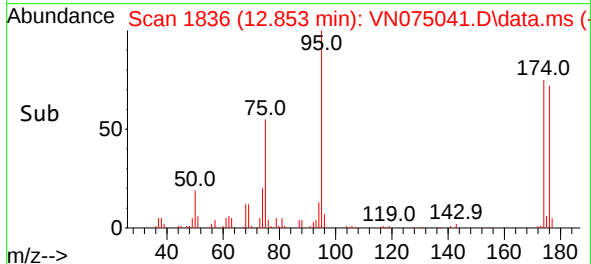
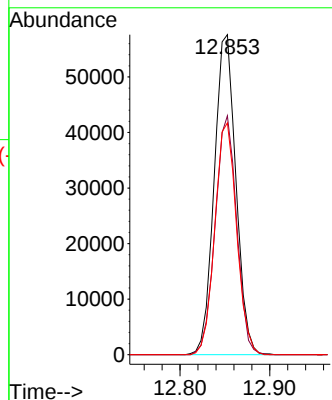
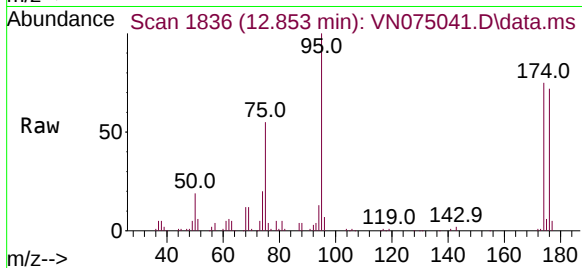
Tgt Ion: 95 Resp: 96571

Ion Ratio Lower Upper

95 100

174 73.9 0.0 147.4

176 72.7 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. -0.001 min

Lab File: VN075041.D

Acq: 27 Oct 2022 15:19

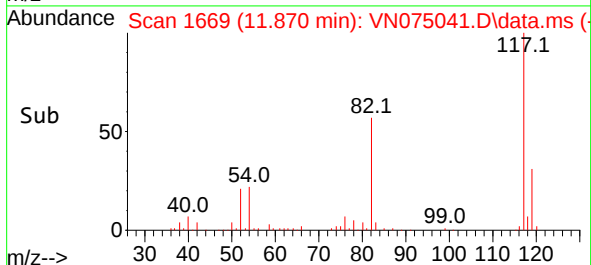
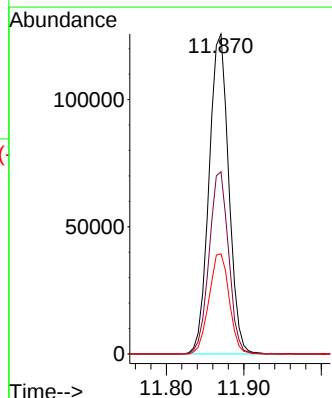
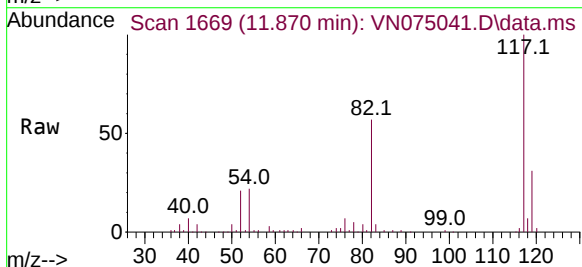
Tgt Ion: 117 Resp: 222167

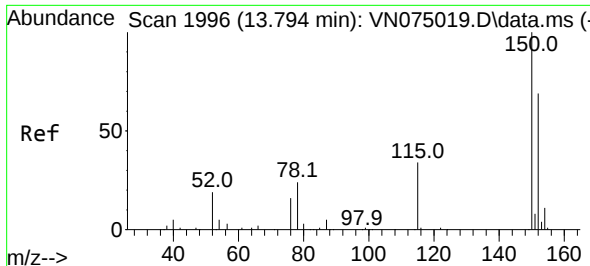
Ion Ratio Lower Upper

117 100

82 57.0 43.1 64.7

119 31.3 25.5 38.3

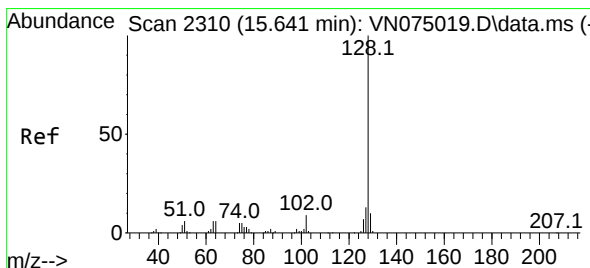
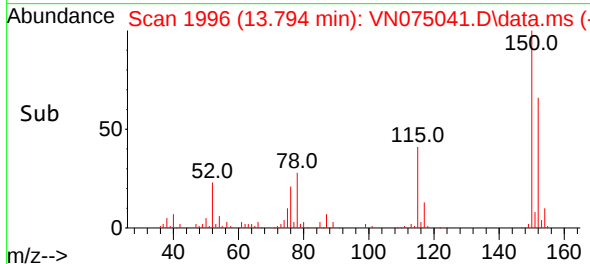
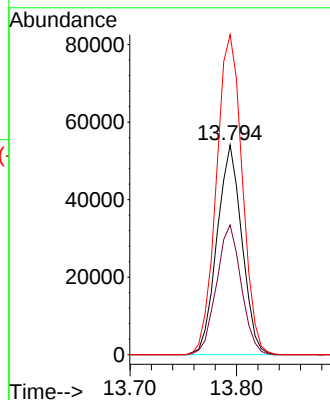
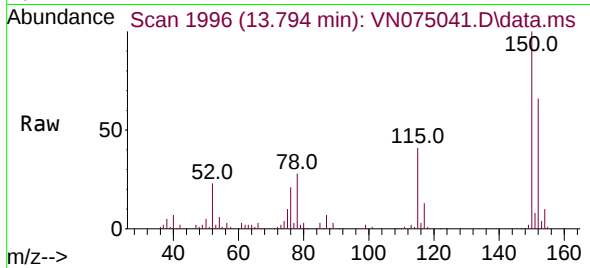




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075041.D
Acq: 27 Oct 2022 15:19

Instrument :
MSVOA_N
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion:152 Resp: 87652
Ion Ratio Lower Upper
152 100
115 61.5 30.2 90.6
150 158.7 0.0 348.4



#95
Naphthalene
Concen: 2.817 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075041.D
Acq: 27 Oct 2022 15:19

Tgt Ion:128 Resp: 14057
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.8 8.6 12.8

