Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
Data File : VN085545.D
Acq On : 28 Jan 2025 17:50
Operator : JC\MD
Sample : Q1199-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-220-222

Quant Time: Jan 29 00:42:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	169137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159806	58.532	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.060%			
35) Dibromofluoromethane	8.165	113	121606	53.572	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.140%			
50) Toluene-d8	10.565	98	378279	46.903	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.800%			
62) 4-Bromofluorobenzene	12.847	95	122753	44.494	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.980%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1726	0.696	ug/l #	88
5) Bromomethane	2.971	94	960	0.638	ug/l #	68
12) 1,1-Dichloroethene	4.353	96	867	0.478	ug/l #	64
16) Acetone	4.442	43	5696	6.457	ug/l #	87
19) Methyl tert-butyl Ether	5.789	73	3301	0.560	ug/l #	83
30) Chloroform	7.965	83	3416	0.829	ug/l	96
44) Trichloroethene	9.347	130	3125	1.402	ug/l	87
52) Toluene	10.629	92	2909	0.524	ug/l	90
67) Ethyl Benzene	11.959	91	3265	0.338	ug/l	91
68) m/p-Xylenes	12.070	106	1081	0.303	ug/l	97
69) o-Xylene	12.394	106	1009	0.296	ug/l	98
70) Styrene	12.406	104	1725	0.306	ug/l #	89
73) Isopropylbenzene	12.694	105	1965	0.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	1551	0.610	ug/l #	95
80) 1,3,5-Trimethylbenzene	13.170	105	1791	0.301	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	1506	0.254	ug/l	84

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

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BP-VPB-192-GW-220-222

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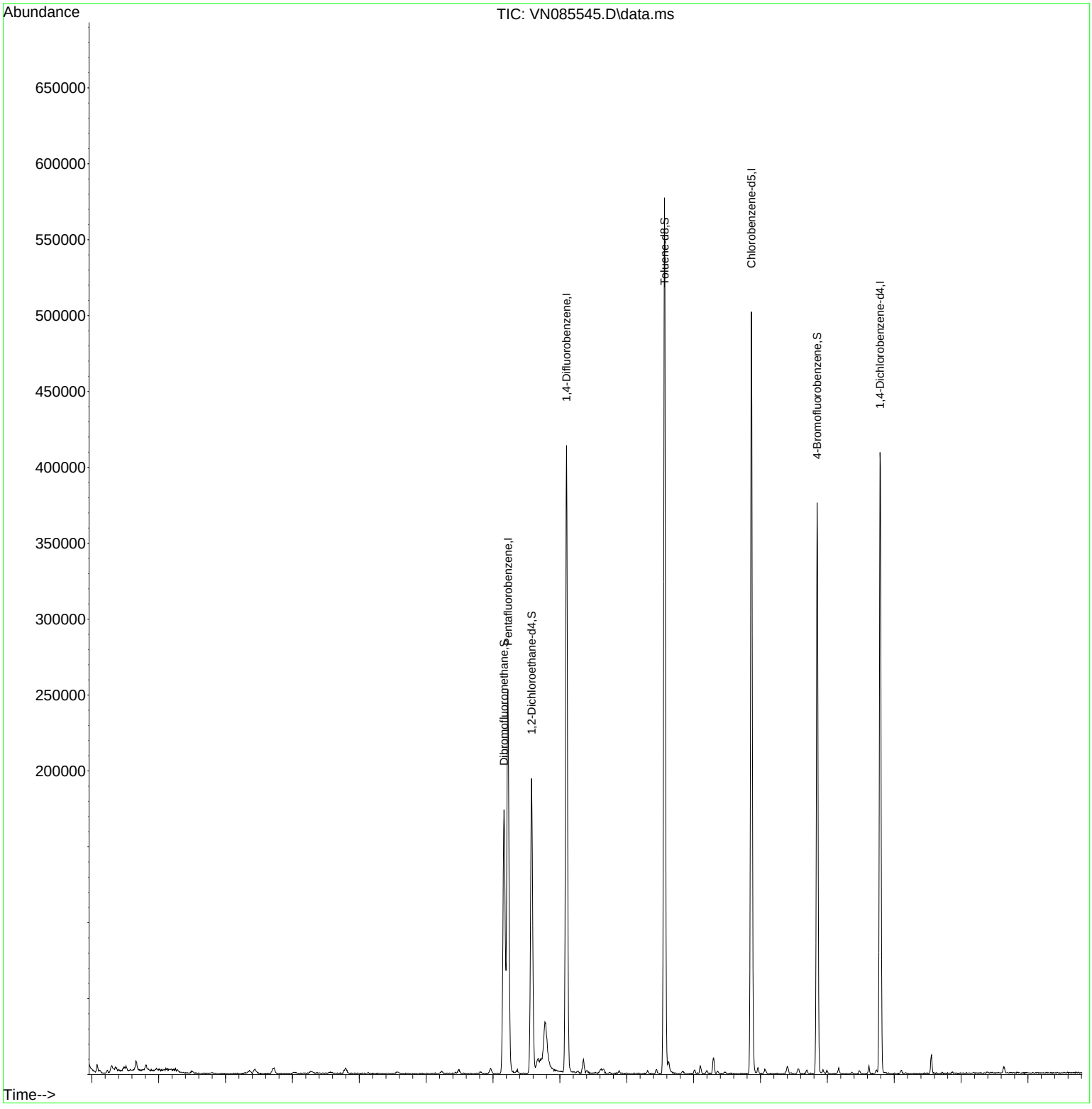
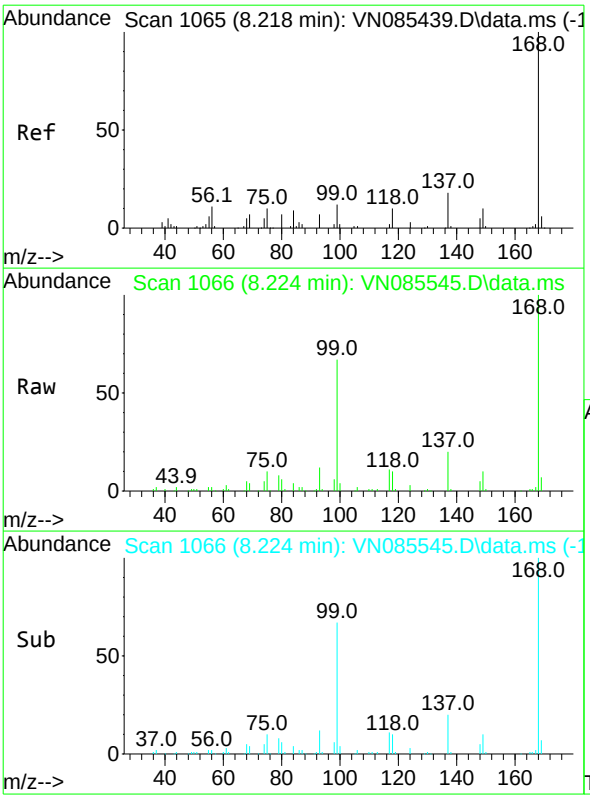


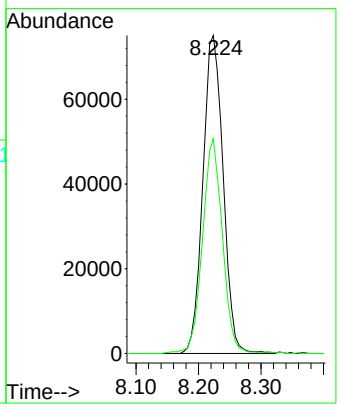


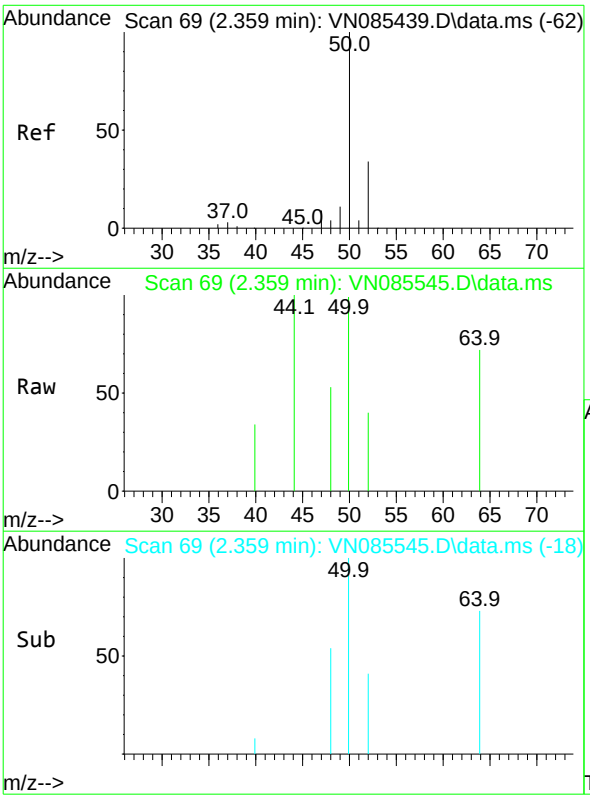
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-220-222

Tgt Ion:168 Resp: 169137

Ion	Ratio	Lower	Upper
168	100		
99	67.2	53.6	80.4

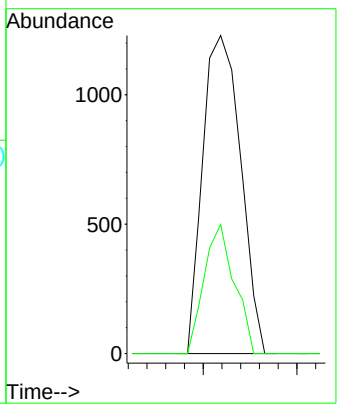


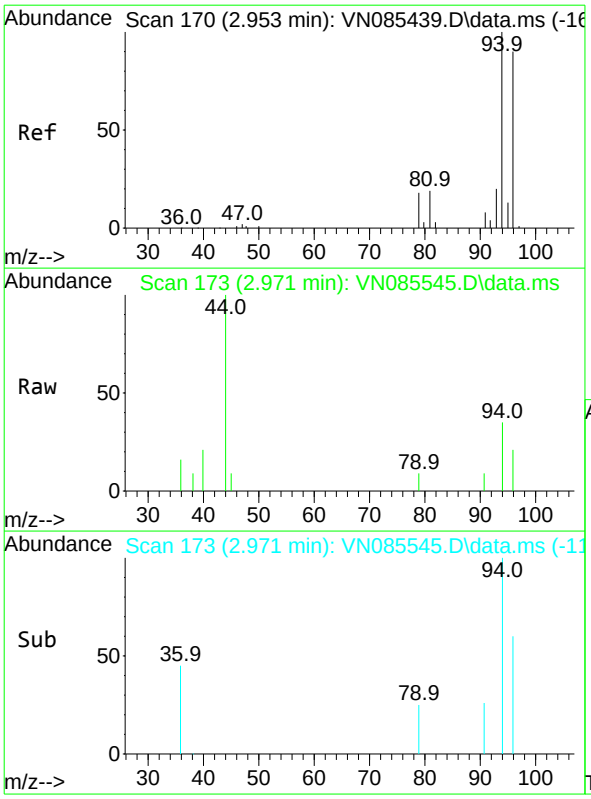


#3
Chloromethane
Concen: 0.696 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 50 Resp: 1726

Ion	Ratio	Lower	Upper
50	100		
52	40.6	27.0	40.6#



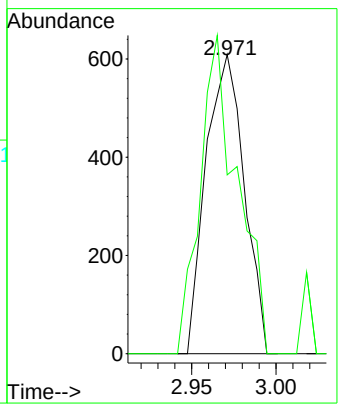


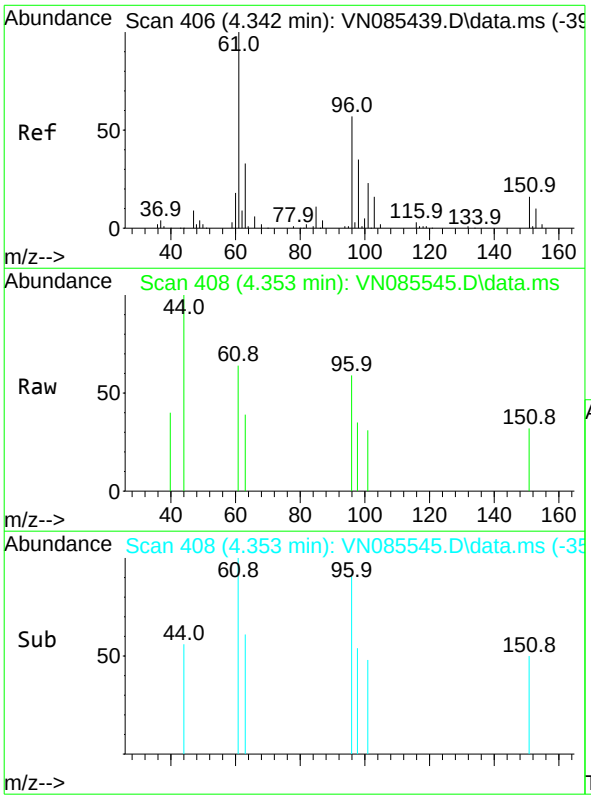
#5
Bromomethane
Concen: 0.638 ug/l
RT: 2.971 min Scan# 17
Delta R.T. 0.018 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-220-222

Tgt Ion: 94 Resp: 960

Ion	Ratio	Lower	Upper
94	100		
96	59.8	71.8	107.6#

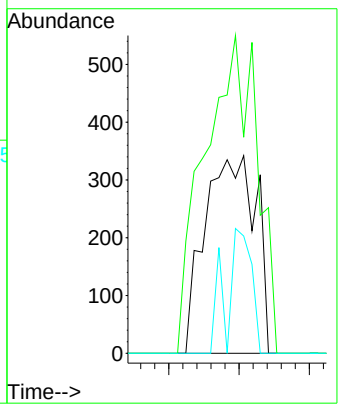


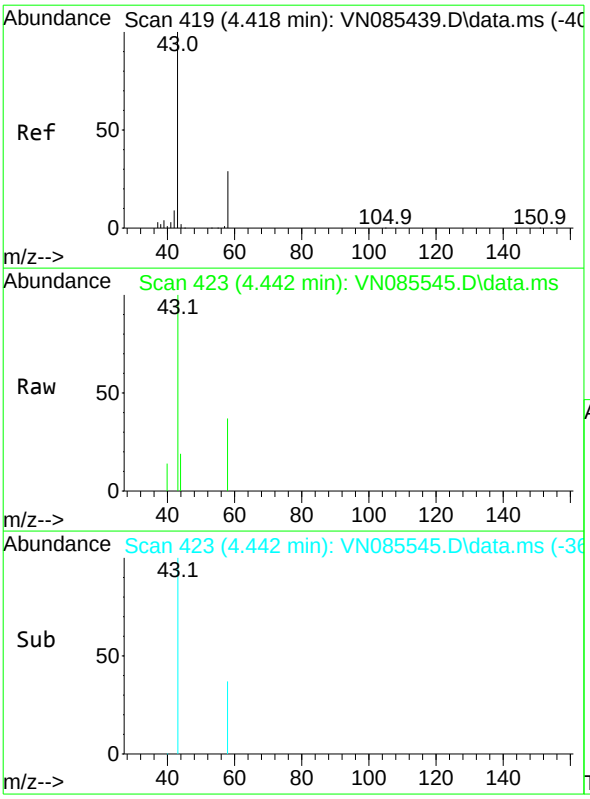


#12
1,1-Dichloroethene
Concen: 0.478 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 96 Resp: 867

Ion	Ratio	Lower	Upper
96	100		
61	109.4	141.0	211.4#
98	59.4	49.0	73.6



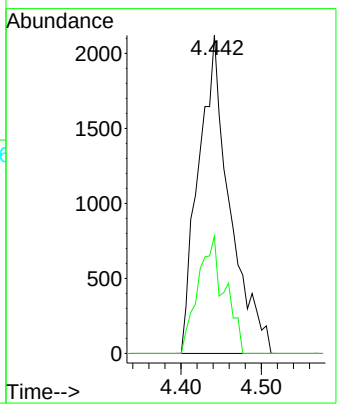


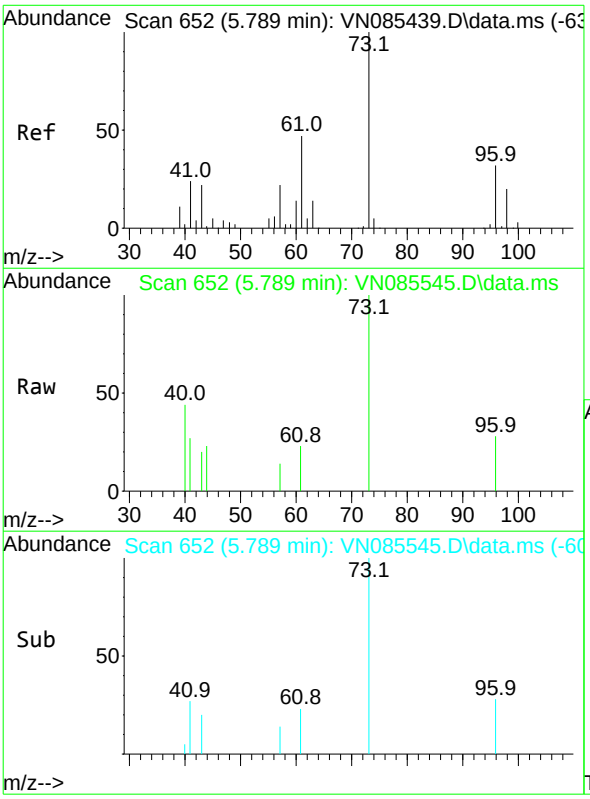
#16
Acetone
Concen: 6.457 ug/l
RT: 4.442 min Scan# 42
Delta R.T. 0.023 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-220-222

Tgt Ion: 43 Resp: 5696

Ion	Ratio	Lower	Upper
43	100		
58	36.8	23.8	35.6#

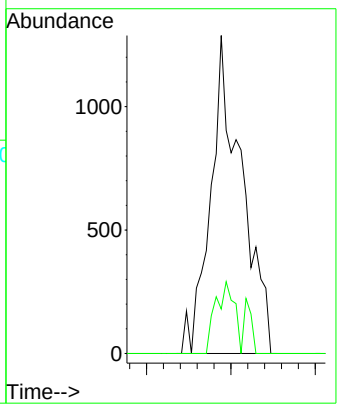


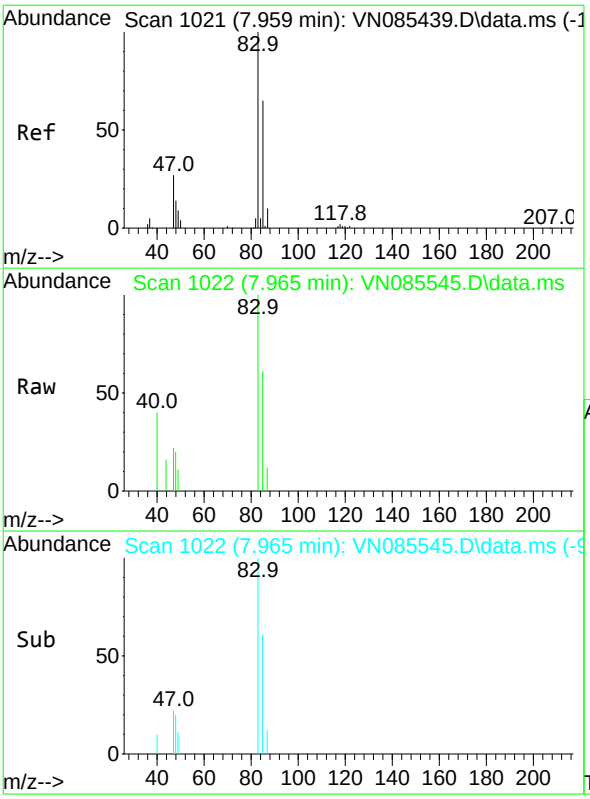


#19
Methyl tert-butyl Ether
Concen: 0.560 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 73 Resp: 3301

Ion	Ratio	Lower	Upper
73	100		
57	14.0	17.8	26.8#



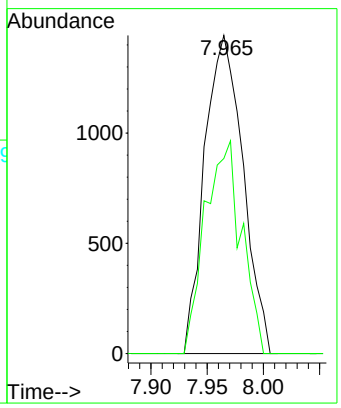


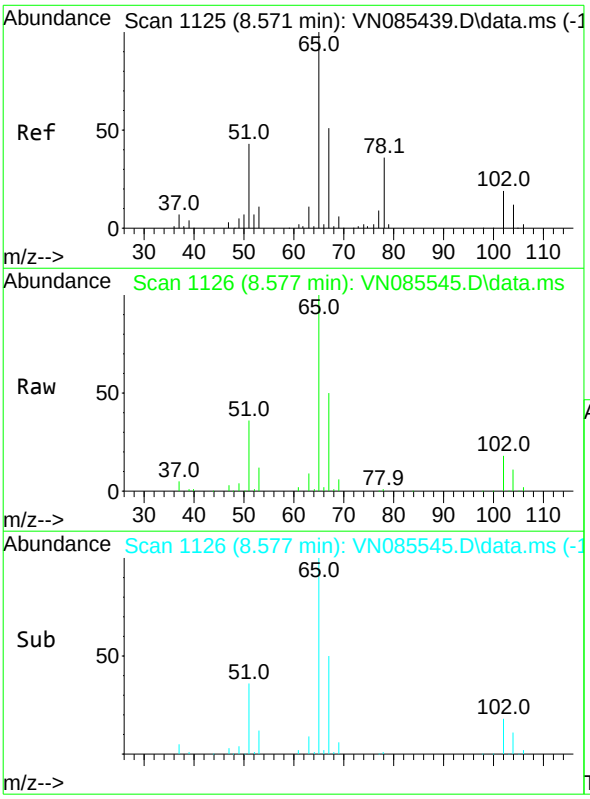
#30
Chloroform
Concen: 0.829 ug/l
RT: 7.965 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-220-222

Tgt Ion: 83 Resp: 3416

Ion	Ratio	Lower	Upper
83	100		
85	61.3	51.8	77.6

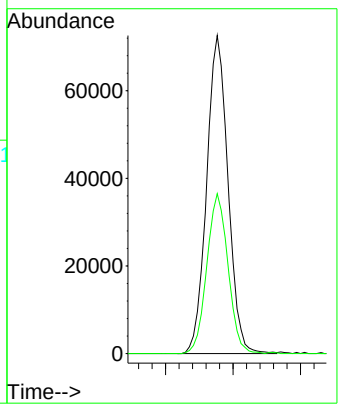


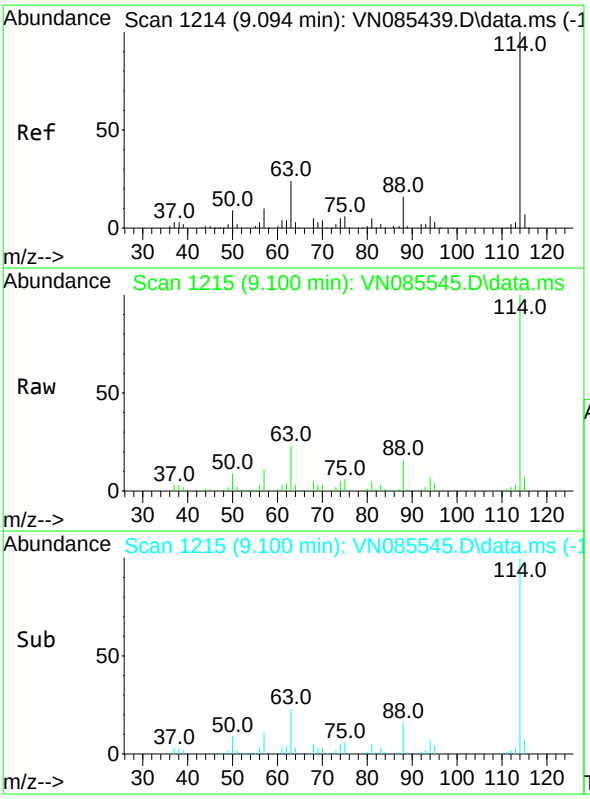


#33
1,2-Dichloroethane-d4
Concen: 58.532 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 65 Resp: 159806

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	101.6



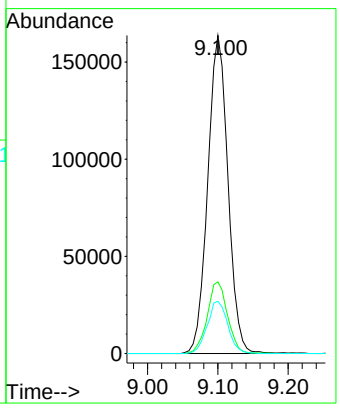


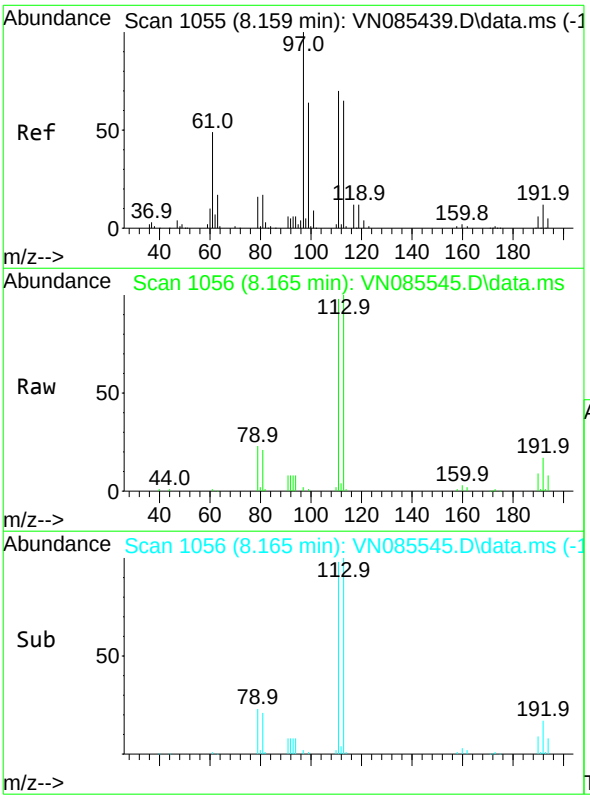
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 12
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-220-222

Tgt Ion:114 Resp: 327198

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	47.6
88	16.4	0.0	32.6

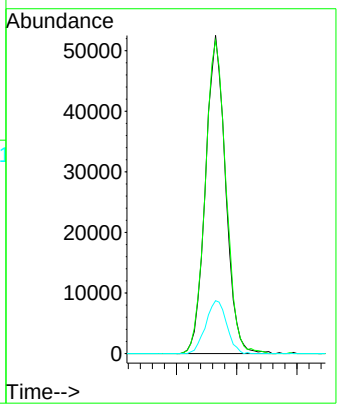


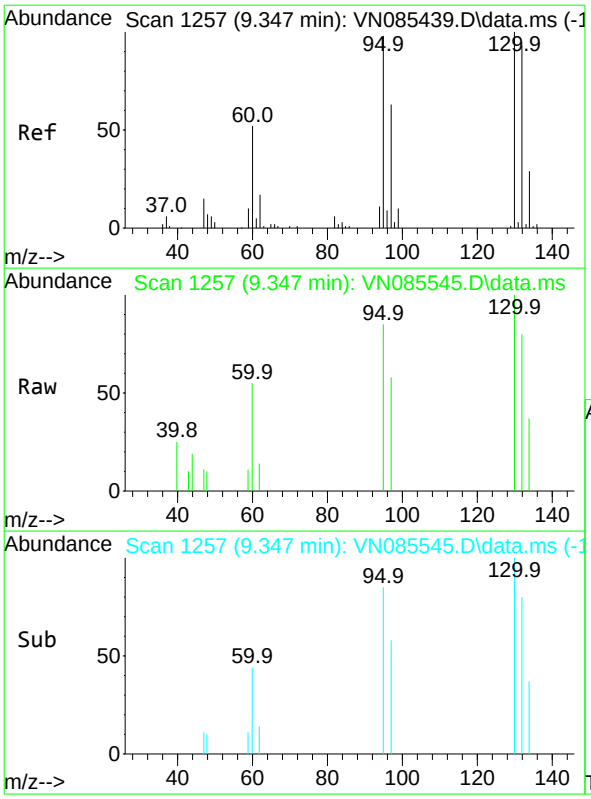


#35
Dibromofluoromethane
Concen: 53.572 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion:113 Resp: 121606

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.7	124.1
192	17.3	14.3	21.5



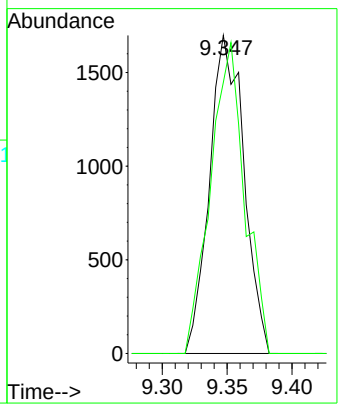


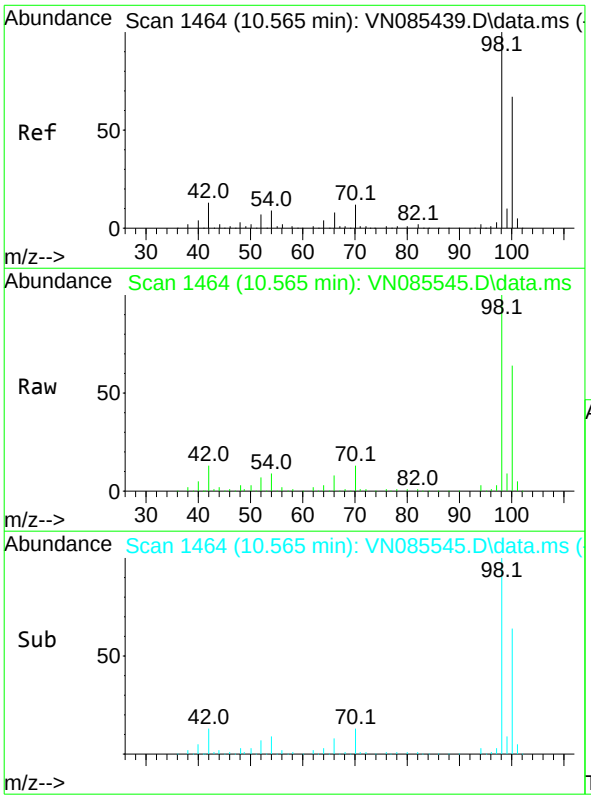
#44
Trichloroethene
Concen: 1.402 ug/l
RT: 9.347 min Scan# 12
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-220-222

Tgt Ion:130 Resp: 3125

Ion	Ratio	Lower	Upper
130	100		
95	85.2	0.0	195.8

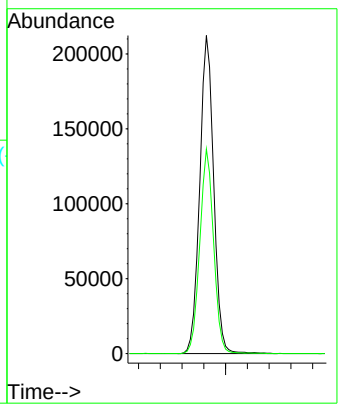


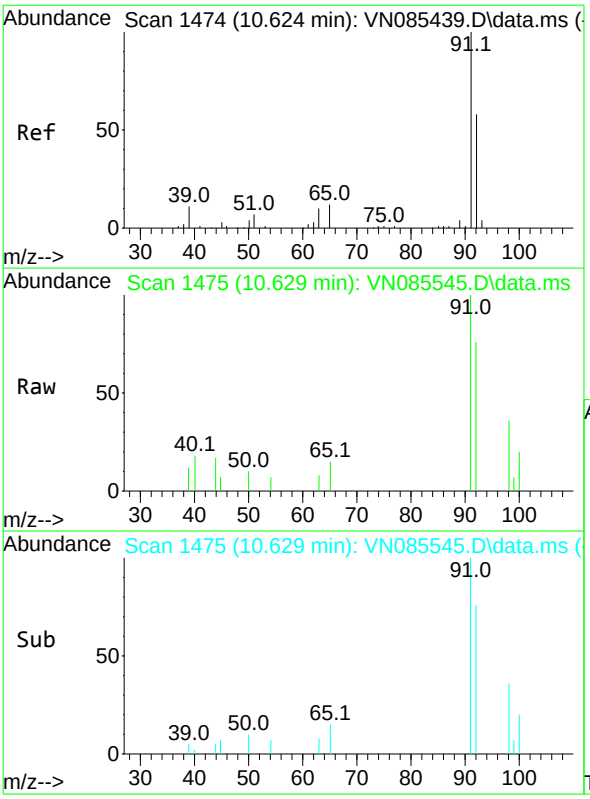


#50
Toluene-d8
Concen: 46.903 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 98 Resp: 378279

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.2	78.4



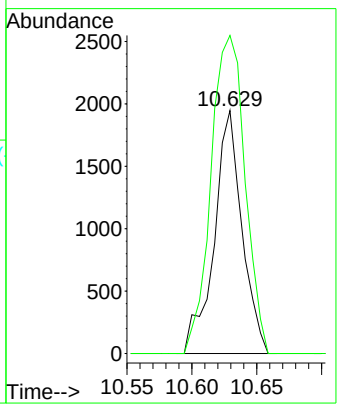


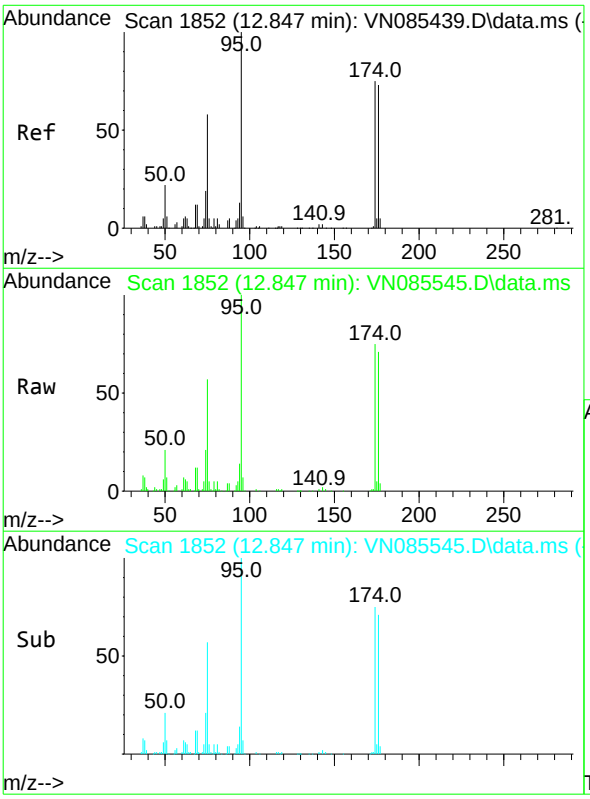
#52
Toluene
Concen: 0.524 ug/l
RT: 10.629 min Scan# 14
Delta R.T. 0.005 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-220-222

Tgt Ion: 92 Resp: 2909

Ion	Ratio	Lower	Upper
92	100		
91	159.9	139.2	208.8

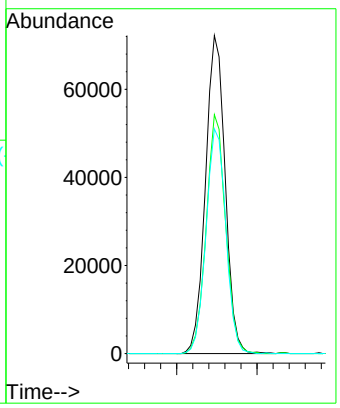


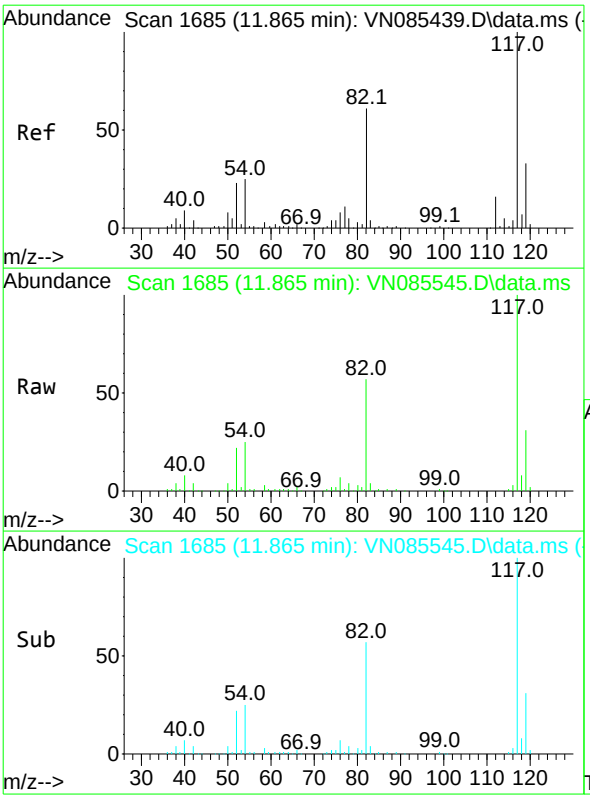


#62
4-Bromofluorobenzene
Concen: 44.494 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 95 Resp: 122753

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	145.0
176	71.2	0.0	142.4



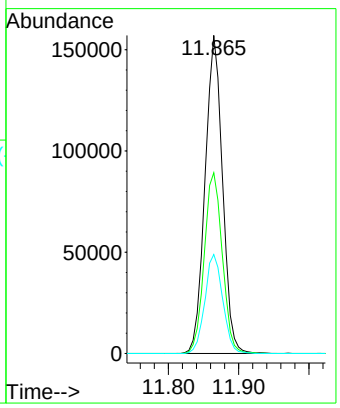


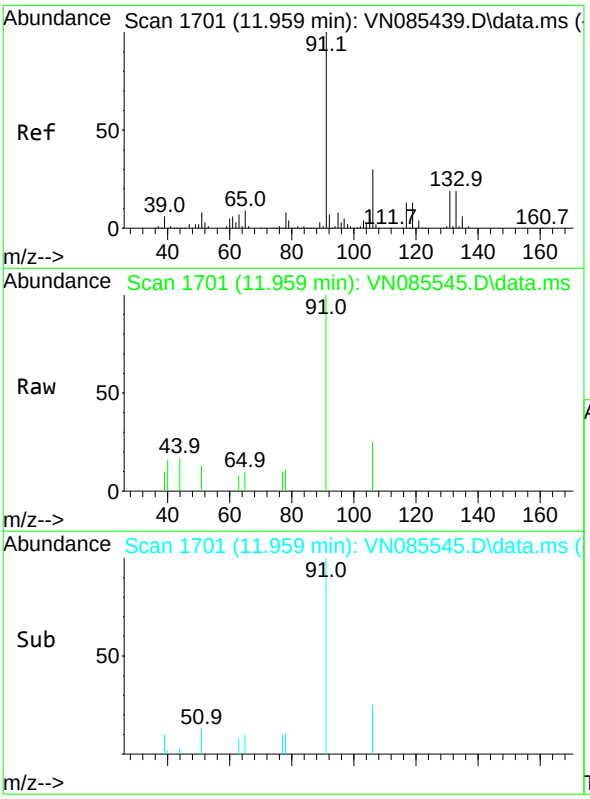
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-220-222

Tgt Ion:117 Resp: 270505

Ion	Ratio	Lower	Upper
117	100		
82	56.8	48.6	72.8
119	31.1	26.6	39.8

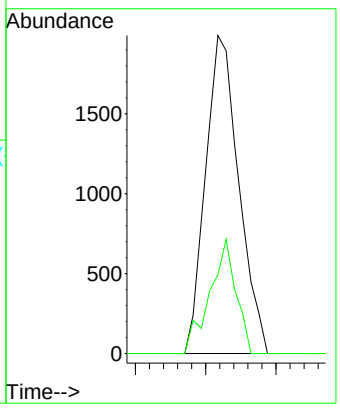


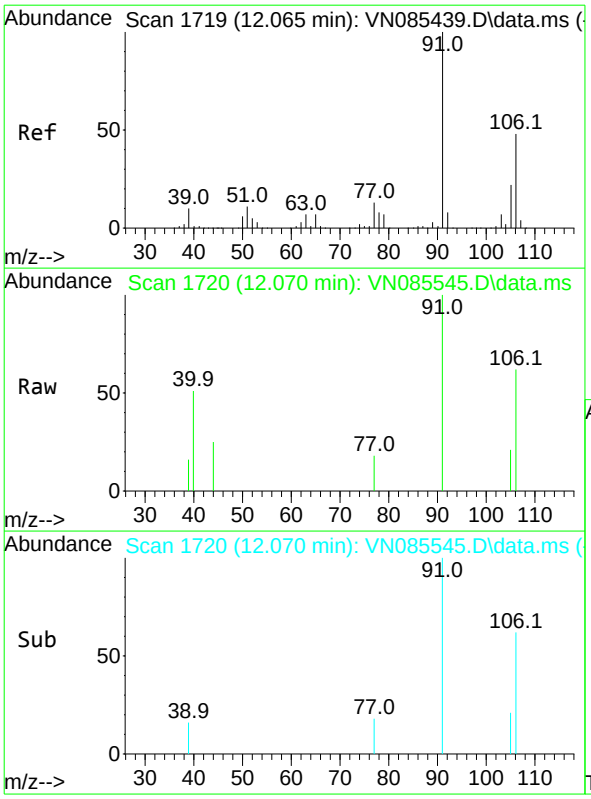


#67
Ethyl Benzene
Concen: 0.338 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 91 Resp: 3265

Ion	Ratio	Lower	Upper
91	100		
106	24.8	23.8	35.8



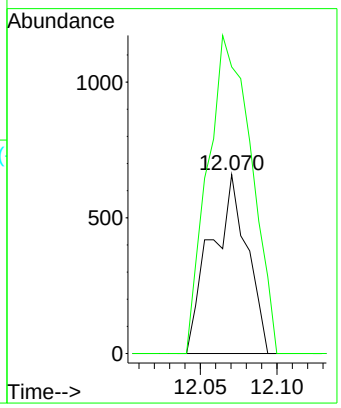


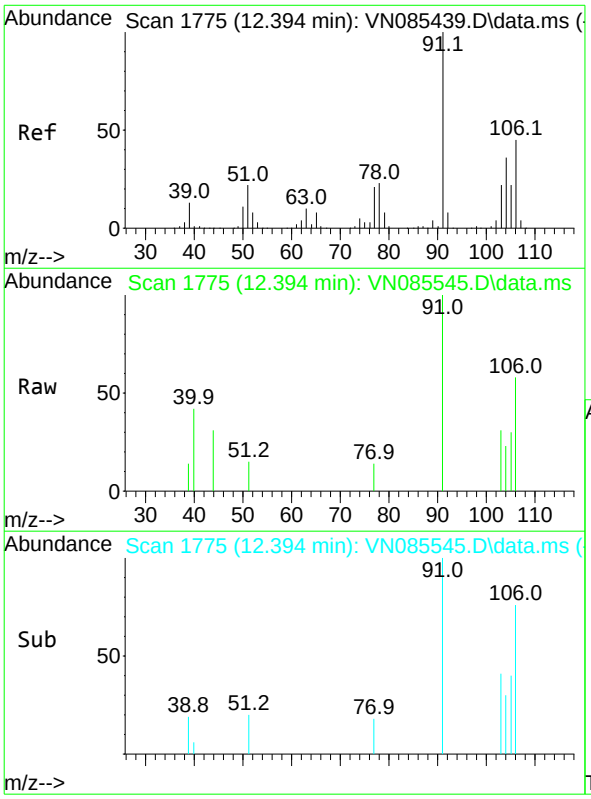
#68
m/p-Xylenes
Concen: 0.303 ug/l
RT: 12.070 min Scan# 17
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-220-222

Tgt Ion:106 Resp: 1081

Ion	Ratio	Lower	Upper
106	100		
91	214.1	167.7	251.5

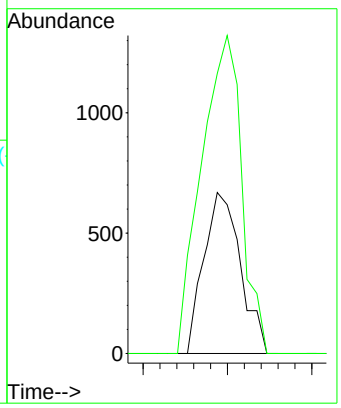


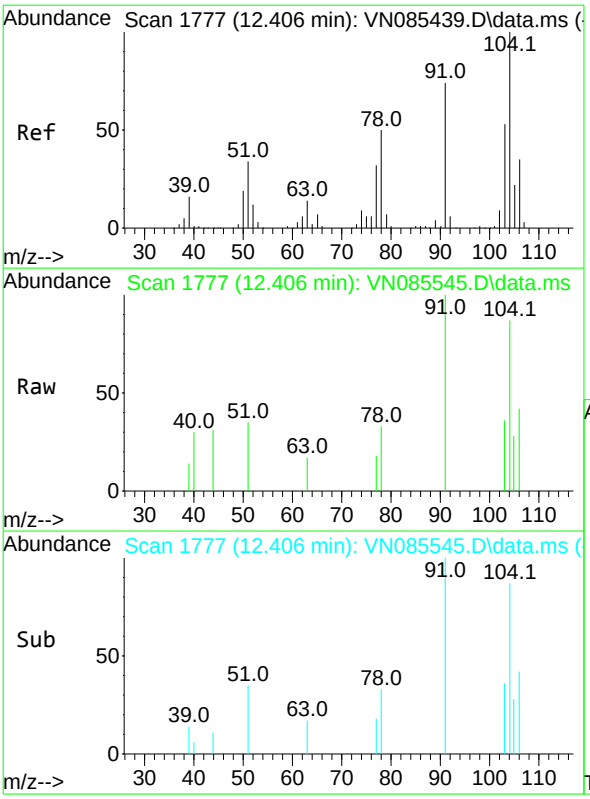


#69
o-Xylene
Concen: 0.296 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion:106 Resp: 1009

Ion	Ratio	Lower	Upper
106	100		
91	216.8	110.4	331.2



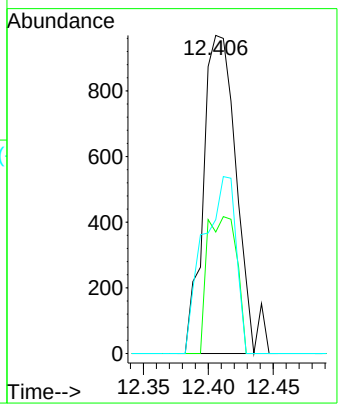


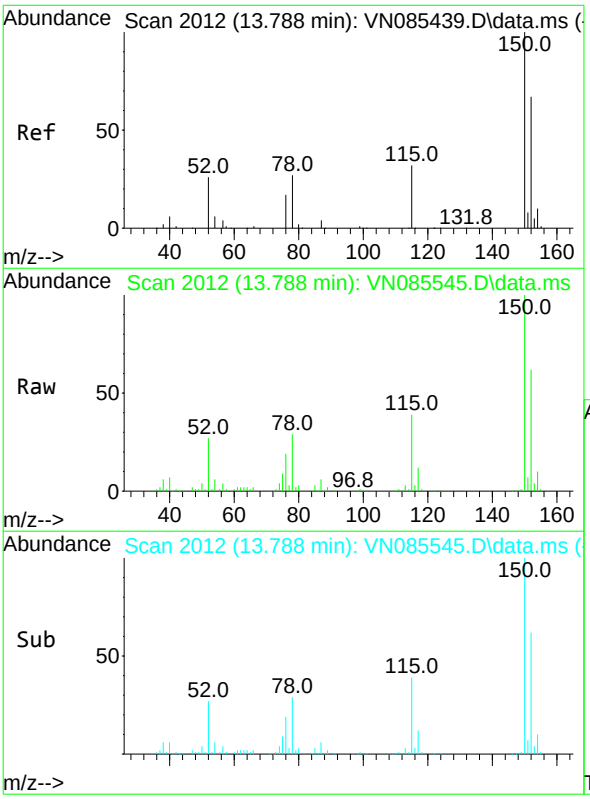
#70
Styrene
Concen: 0.306 ug/l
RT: 12.406 min Scan# 17
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-220-222

Tgt Ion:104 Resp: 1725

Ion	Ratio	Lower	Upper
104	100		
78	38.2	42.5	63.7#
103	54.2	43.8	65.8

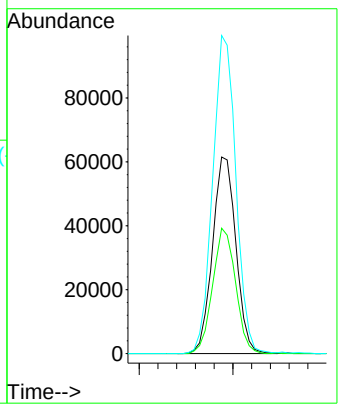


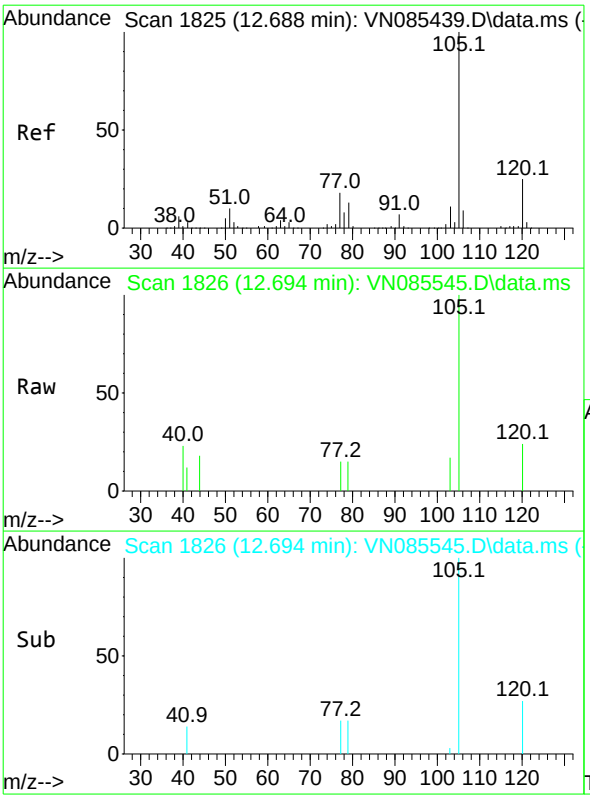


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion:152 Resp: 106728

Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.1	93.3
150	160.4	0.0	343.6



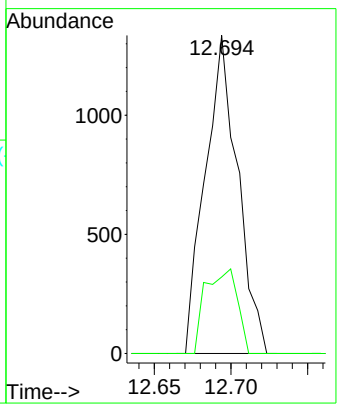


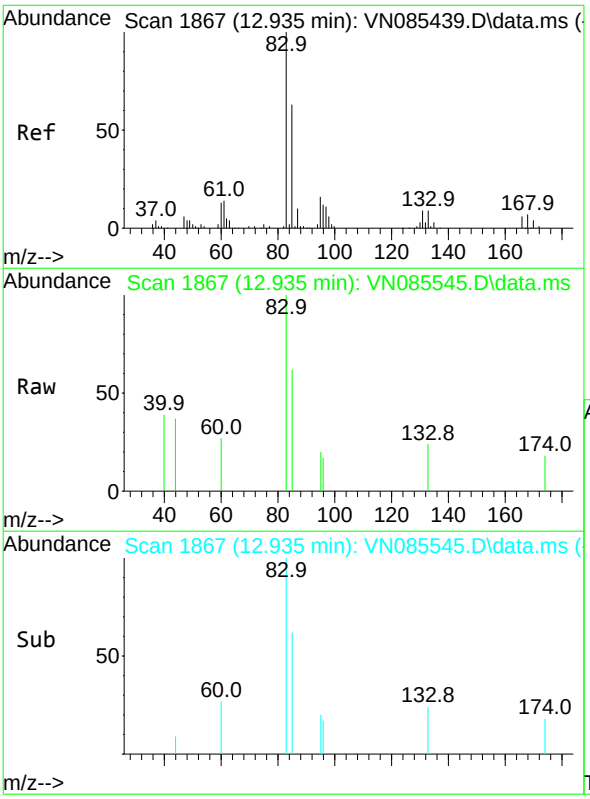
#73
Isopropylbenzene
Concen: 0.273 ug/l
RT: 12.694 min Scan# 18
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-220-222

Tgt Ion:105 Resp: 1965

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.3

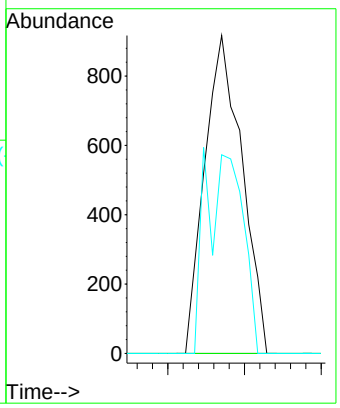


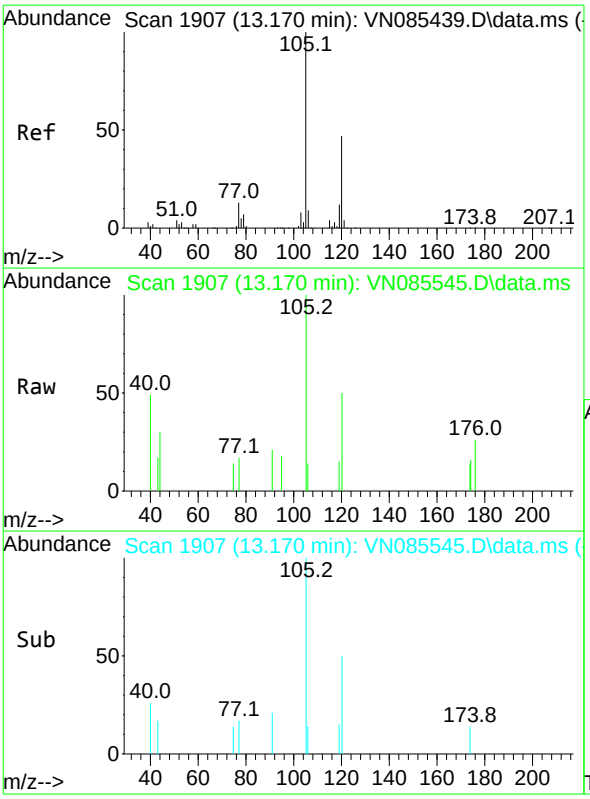


#75
1,1,2,2-Tetrachloroethane
Concen: 0.610 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 83 Resp: 1551

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	62.9	32.2	96.6



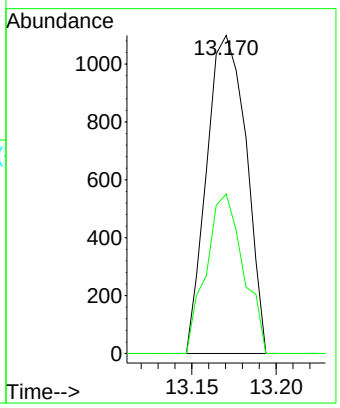


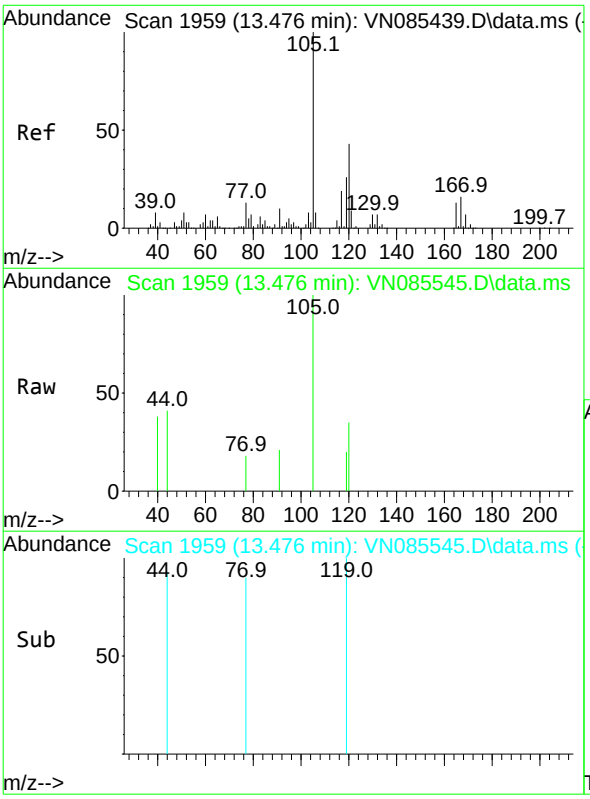
#80
1,3,5-Trimethylbenzene
Concen: 0.301 ug/l
RT: 13.170 min Scan# 19
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-220-222

Tgt Ion:105 Resp: 1791

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.9	71.7





#84
1,2,4-Trimethylbenzene
Concen: 0.254 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion:105 Resp: 1506

Ion	Ratio	Lower	Upper
105	100		
120	33.3	21.6	65.0