Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
Data File : VN080973.D
Acq On : 08 Feb 2024 18:58
Operator : JC\MD
Sample : P1372-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch6

Quant Time: Feb 09 01:26:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	410731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	812478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	674860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	287428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	265930	51.324	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.640%			
35) Dibromofluoromethane	8.171	113	225699	51.769	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.540%			
50) Toluene-d8	10.571	98	777413	49.298	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.600%			
62) 4-Bromofluorobenzene	12.853	95	276981	48.350	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.700%			
Target Compounds						Qvalue
16) Acetone	4.436	43	10708	6.282	ug/l	95
25) 2-Butanone	7.500	43	3544	1.295	ug/l	99
40) Benzene	8.606	78	7370417	373.329	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	2488	0.457	ug/l #	86
52) Toluene	10.635	92	15986	1.209	ug/l	99
67) Ethyl Benzene	11.965	91	1252452	51.406	ug/l	97
68) m/p-Xylenes	12.076	106	53845	5.817	ug/l	97
69) o-Xylene	12.400	106	63806	7.104	ug/l	94
73) Isopropylbenzene	12.700	105	27909	1.249	ug/l	97
78) n-propylbenzene	13.035	91	8840	0.350	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	43701	2.415	ug/l	99

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

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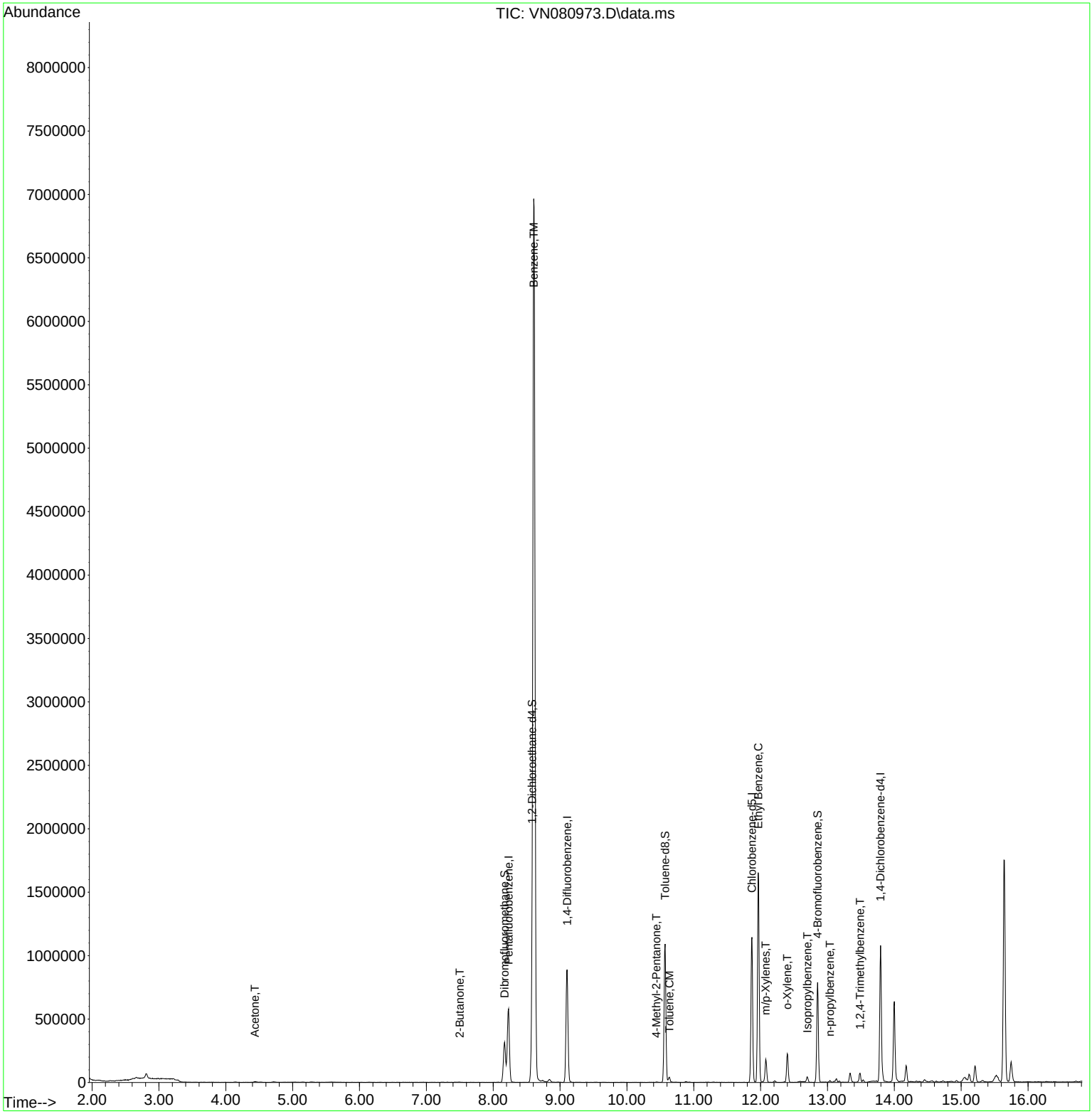
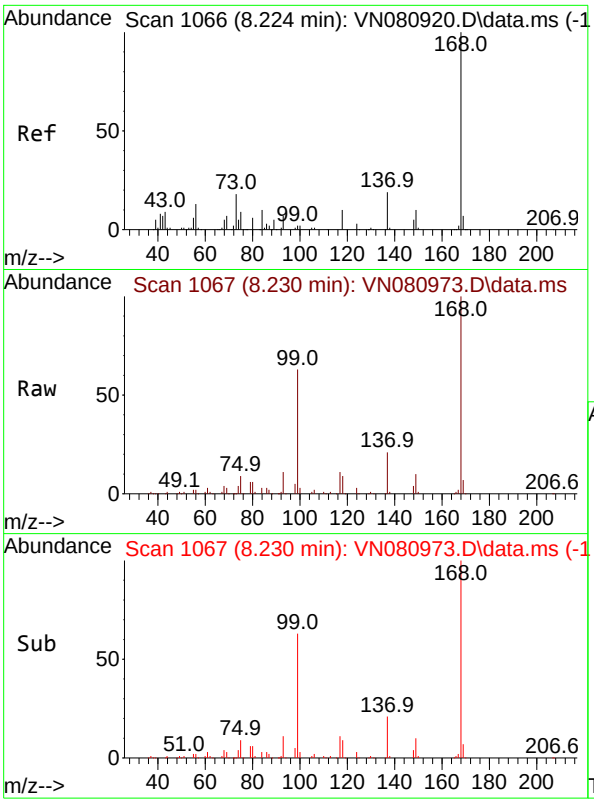


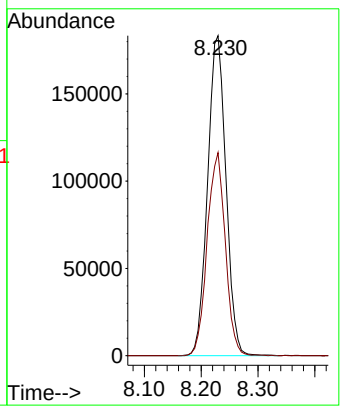


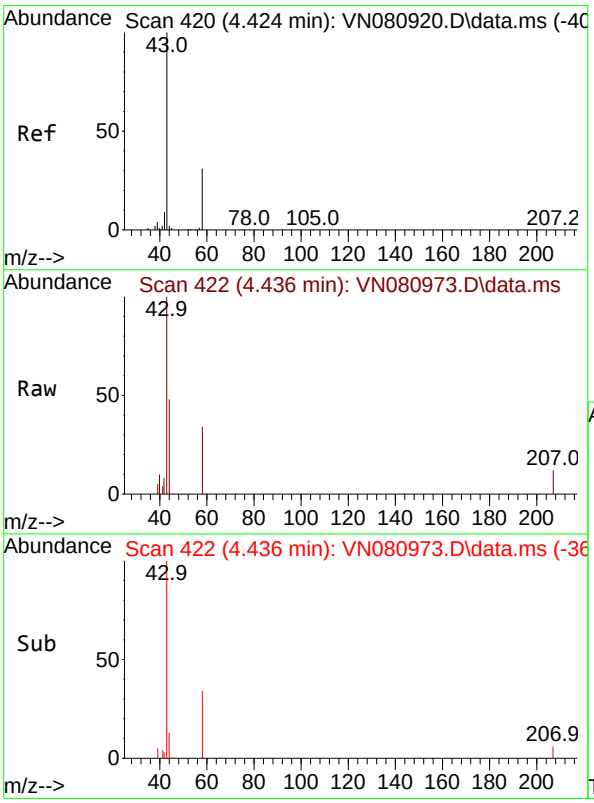
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch6

Tgt Ion:168 Resp: 410731

Ion	Ratio	Lower	Upper
168	100		
99	63.5	59.9	89.9

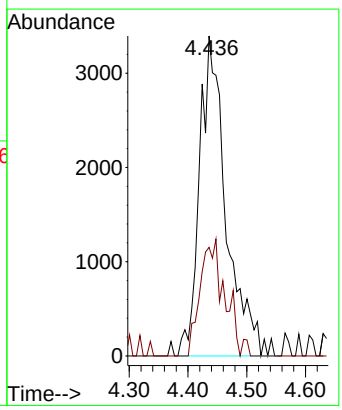


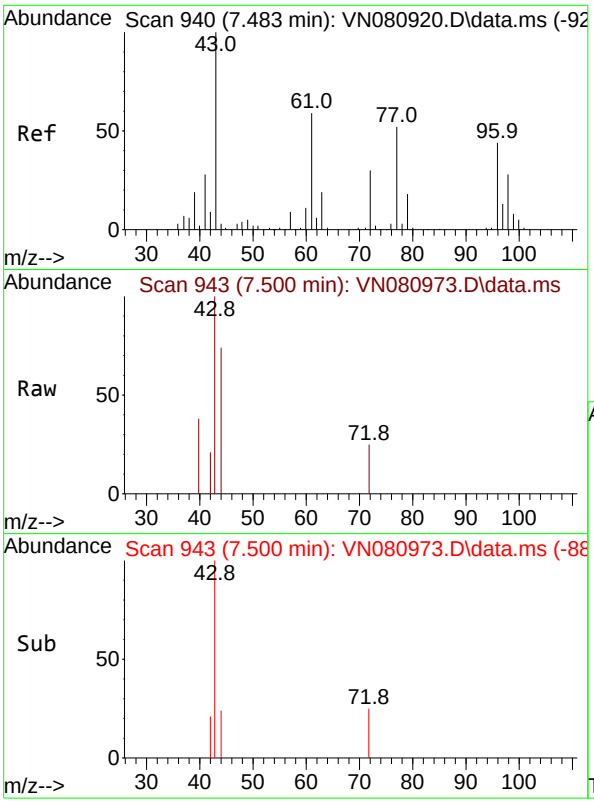


#16
Acetone
Concen: 6.282 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Tgt Ion: 43 Resp: 10708

Ion	Ratio	Lower	Upper
43	100		
58	34.0	24.8	37.2



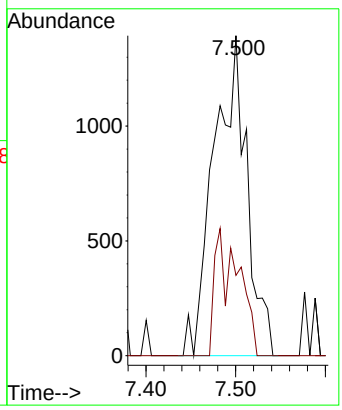


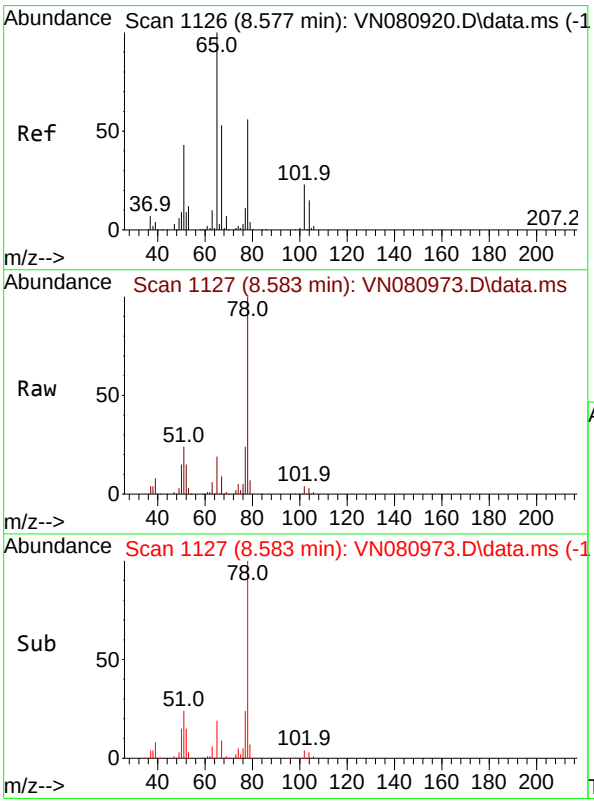
#25
2-Butanone
Concen: 1.295 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch6

Tgt Ion: 43 Resp: 3544

Ion	Ratio	Lower	Upper
43	100		
72	25.1	19.5	29.3

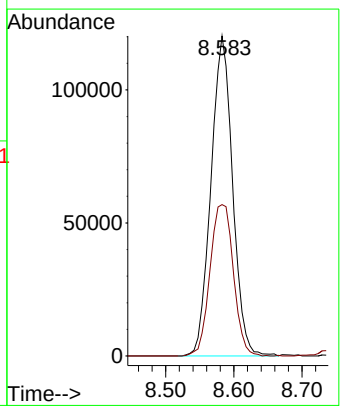


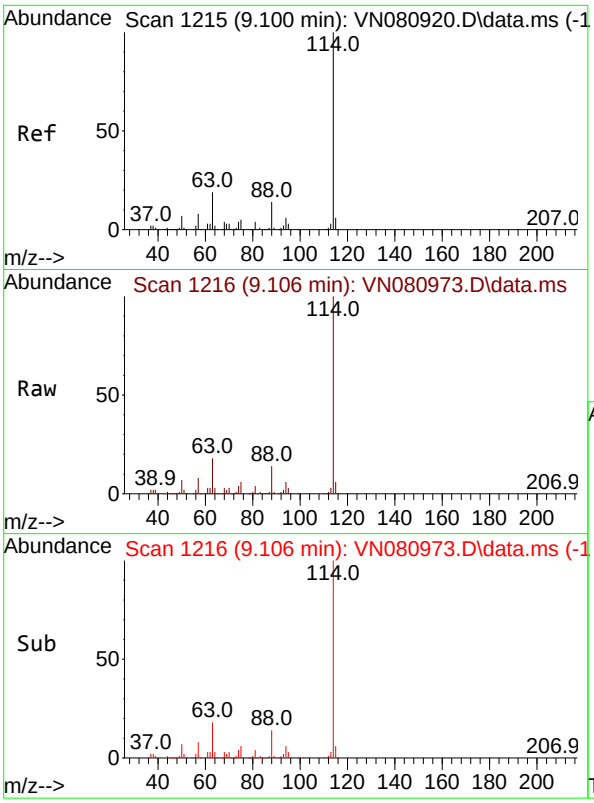


#33
1,2-Dichloroethane-d4
Concen: 51.324 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Tgt Ion: 65 Resp: 265930

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.4



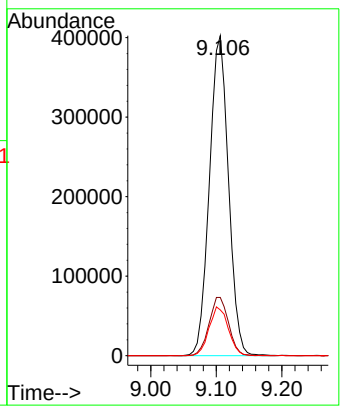


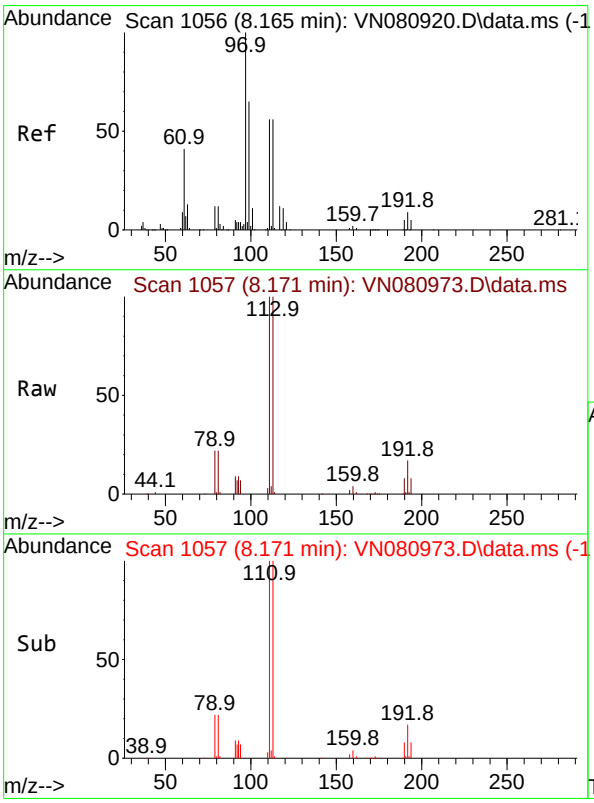
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch6

Tgt Ion:114 Resp: 812478

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	48.0
88	14.3	0.0	34.8

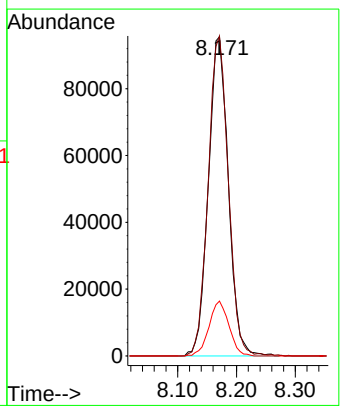


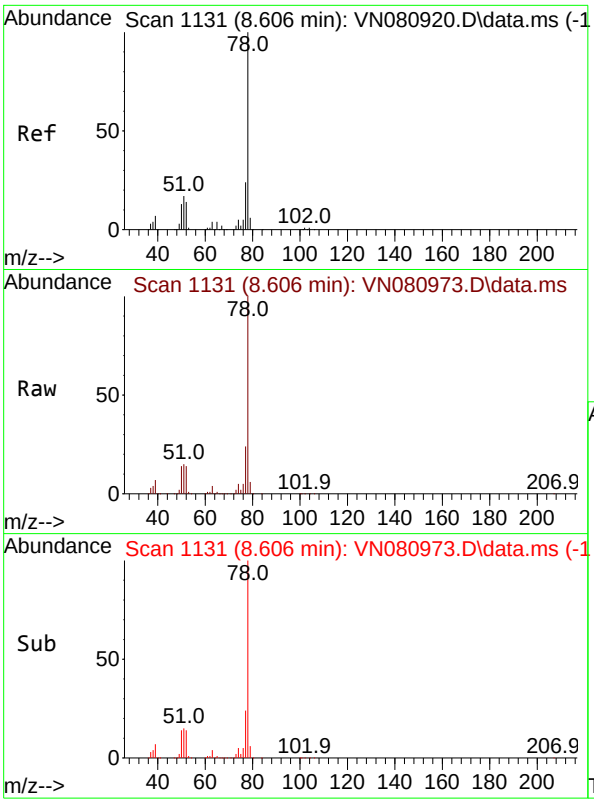


#35
Dibromofluoromethane
Concen: 51.769 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Tgt Ion:113 Resp: 225699

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.4
192	17.1	12.5	18.7



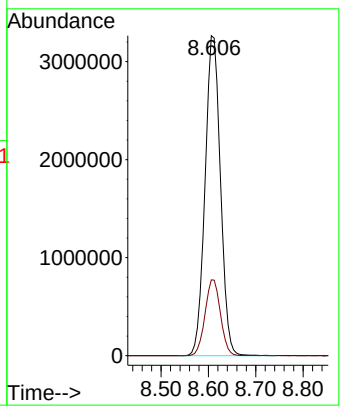


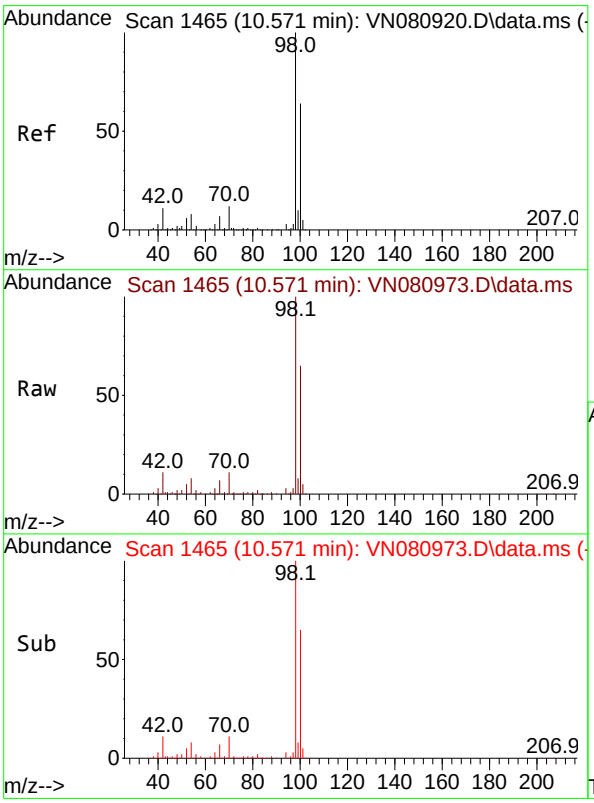
#40
Benzene
Concen: 373.329 ug/l
RT: 8.606 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch6

Tgt Ion: 78 Resp: 7370417

Ion	Ratio	Lower	Upper
78	100		
77	23.7	20.4	30.6

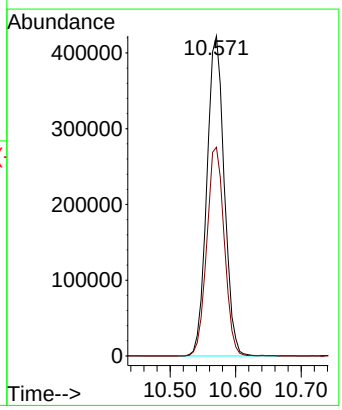


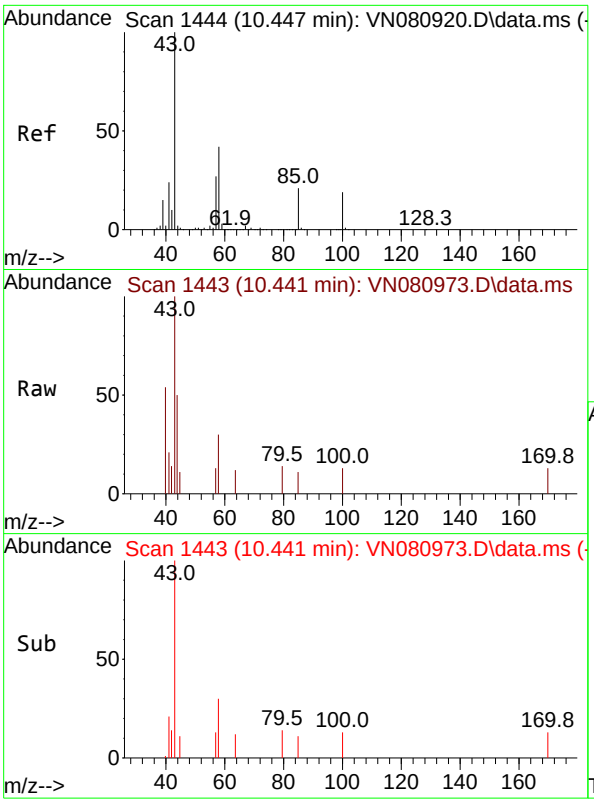


#50
Toluene-d8
Concen: 49.298 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Tgt Ion: 98 Resp: 777413

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.4	77.0



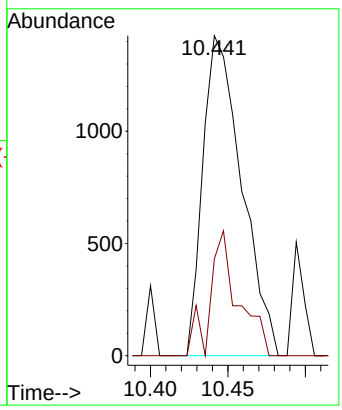


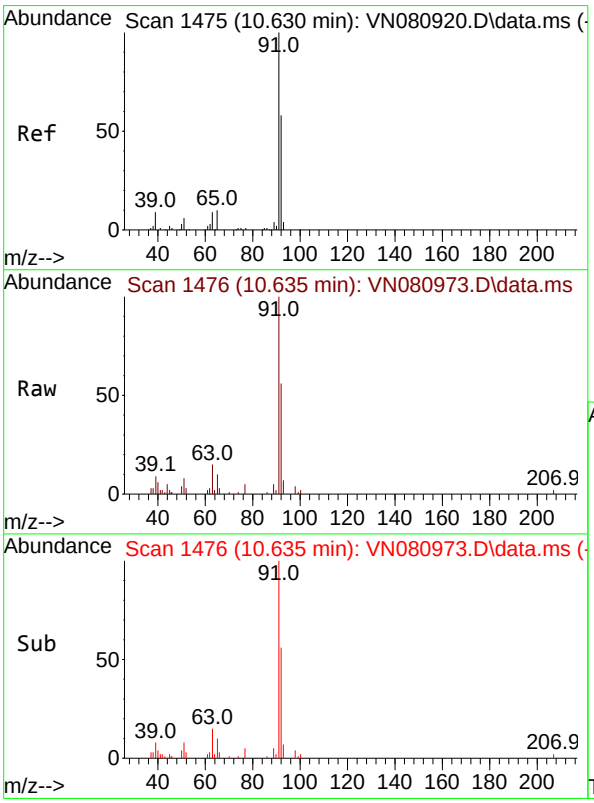
#51
4-Methyl-2-Pentanone
Concen: 0.457 ug/l
RT: 10.441 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch6

Tgt Ion: 43 Resp: 2488

Ion	Ratio	Lower	Upper
43	100		
58	28.5	29.4	44.0#

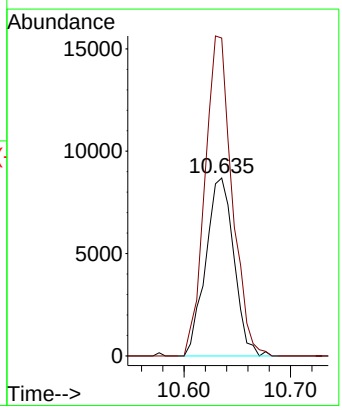


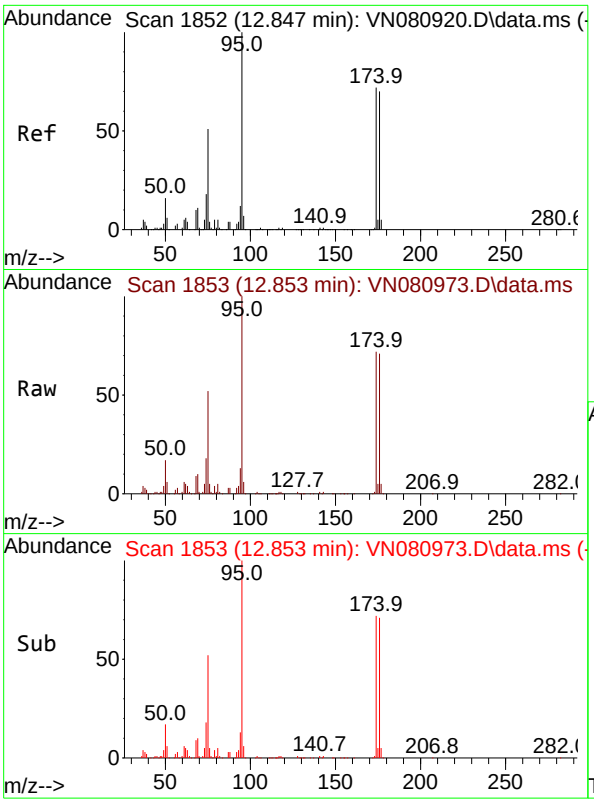


#52
Toluene
Concen: 1.209 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Tgt Ion: 92 Resp: 15986

Ion	Ratio	Lower	Upper
92	100		
91	173.3	139.4	209.0



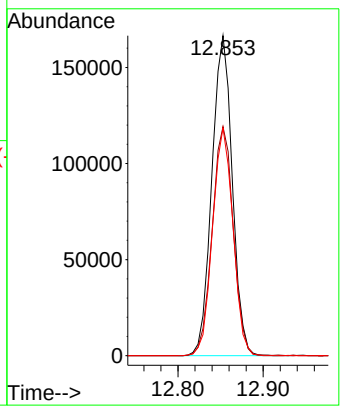


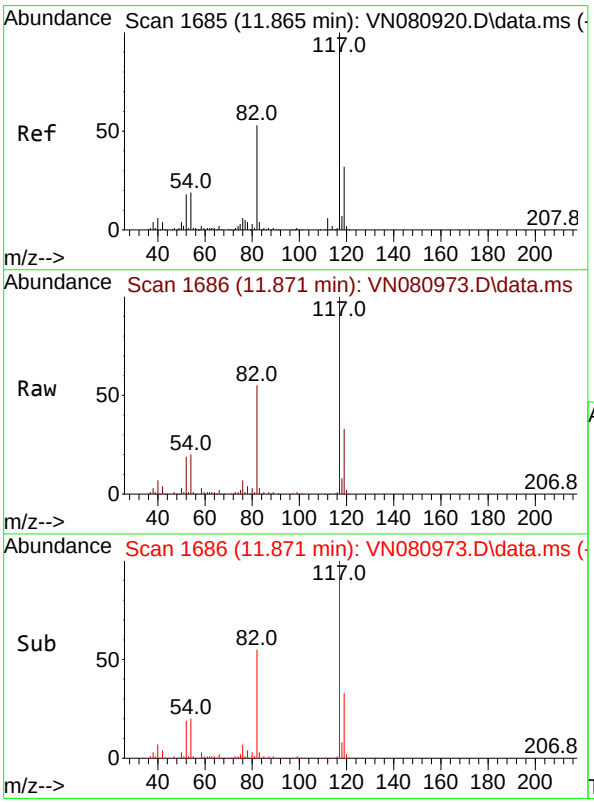
#62
4-Bromofluorobenzene
Concen: 48.350 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch6

Tgt Ion: 95 Resp: 276981

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	120.4
176	71.3	0.0	121.0

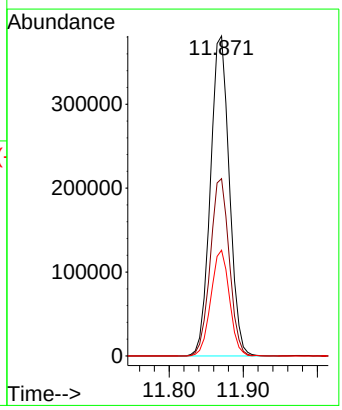


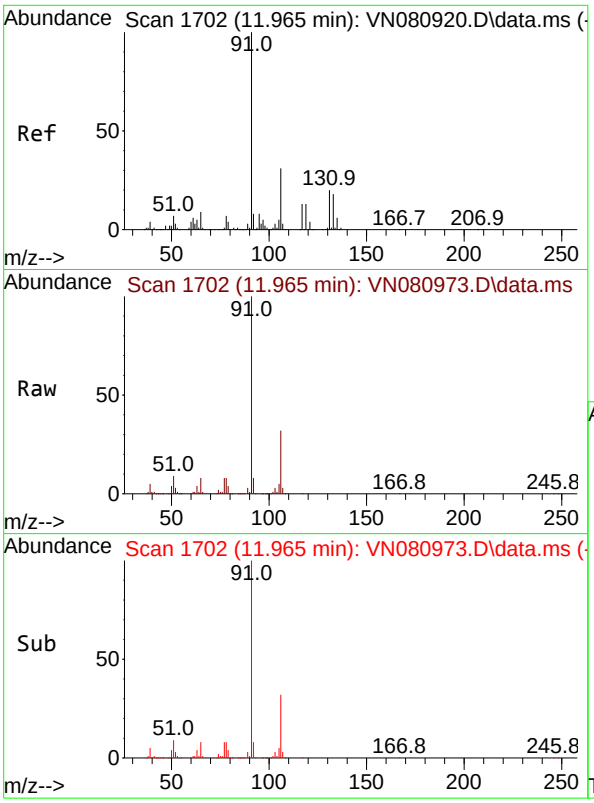


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Tgt Ion:117 Resp: 674860

Ion	Ratio	Lower	Upper
117	100		
82	55.4	52.7	79.1
119	33.0	25.3	37.9



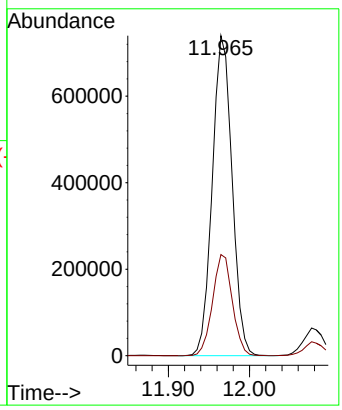


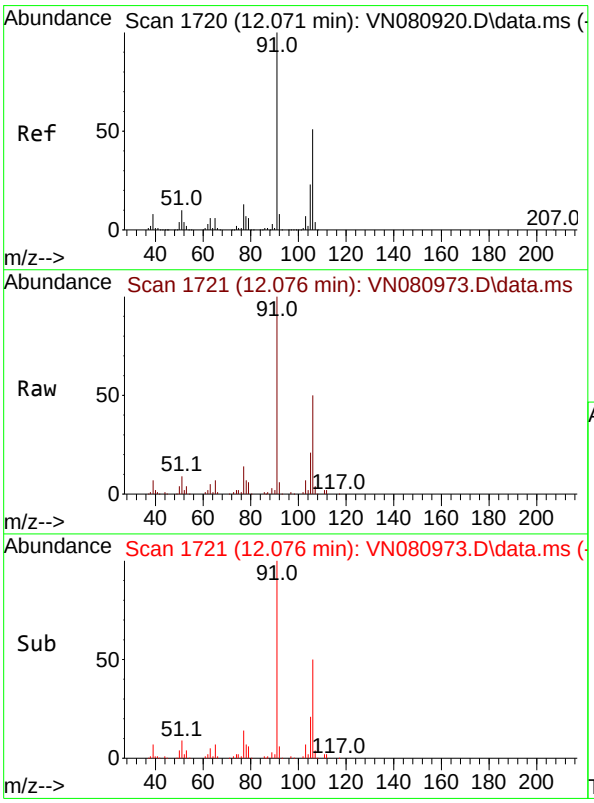
#67
Ethyl Benzene
Concen: 51.406 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch6

Tgt Ion: 91 Resp: 1252452

Ion	Ratio	Lower	Upper
91	100		
106	31.6	23.8	35.6

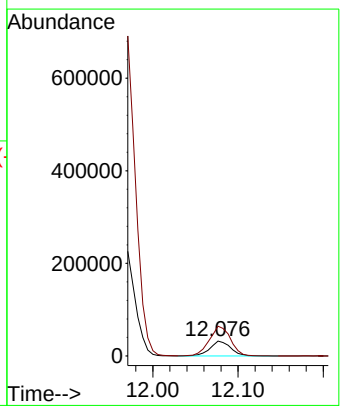


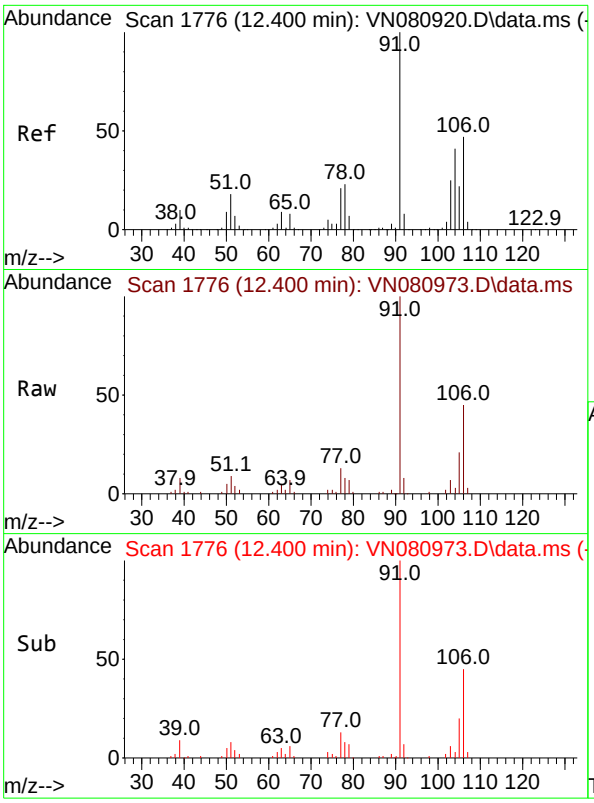


#68
m/p-Xylenes
Concen: 5.817 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Tgt Ion:106 Resp: 53845

Ion	Ratio	Lower	Upper
106	100		
91	207.0	169.0	253.6



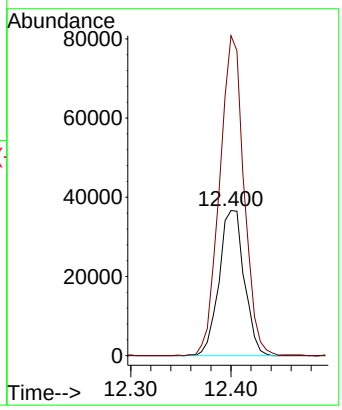


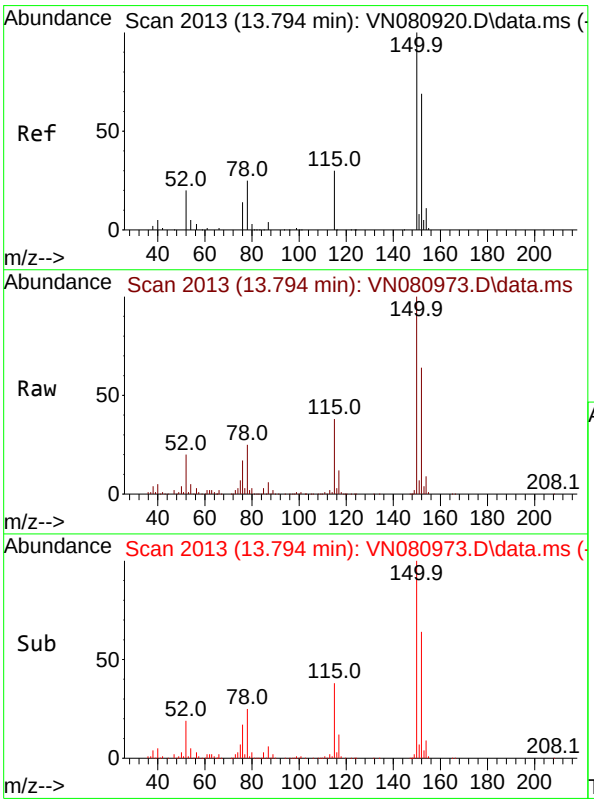
#69
o-Xylene
Concen: 7.104 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch6

Tgt Ion:106 Resp: 63806

Ion	Ratio	Lower	Upper
106	100		
91	213.8	112.1	336.3

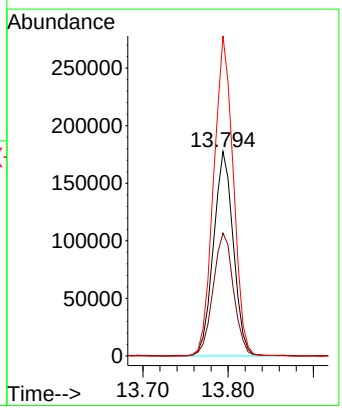


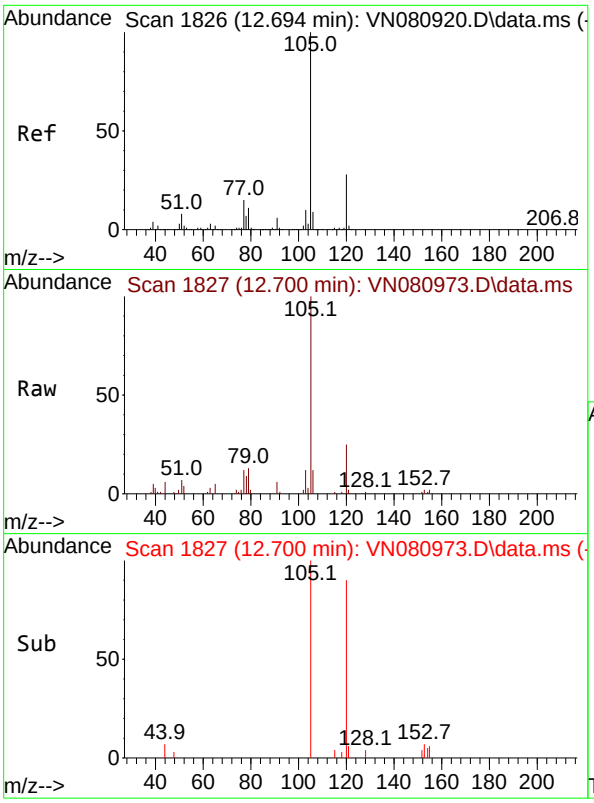


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Tgt Ion:152 Resp: 287428

Ion	Ratio	Lower	Upper
152	100		
115	62.5	32.3	96.8
150	154.9	0.0	339.8



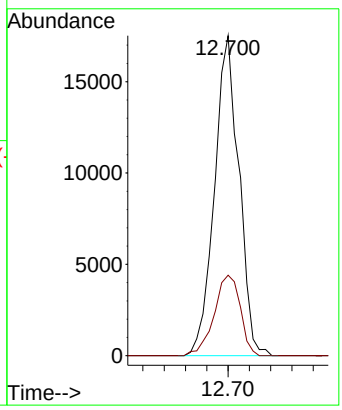


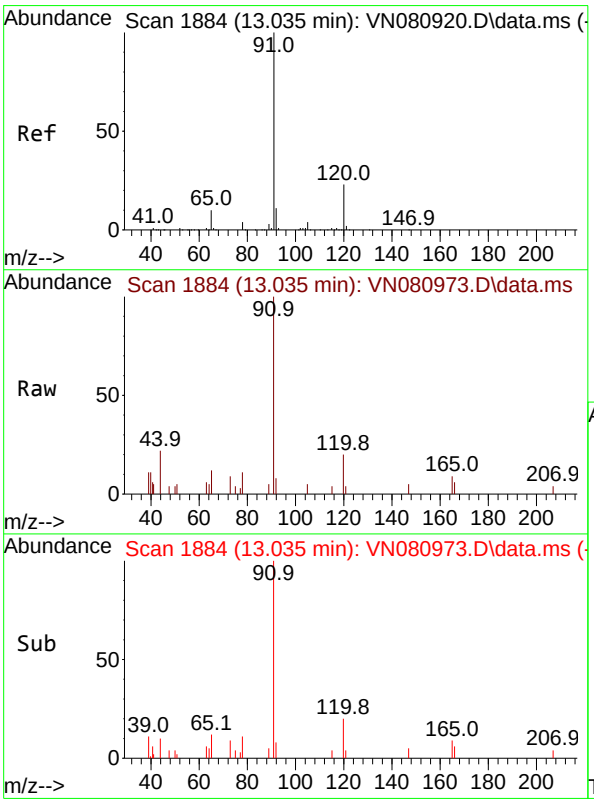
#73
Isopropylbenzene
Concen: 1.249 ug/l
RT: 12.700 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch6

Tgt Ion:105 Resp: 27909

Ion	Ratio	Lower	Upper
105	100		
120	26.9	12.6	37.6

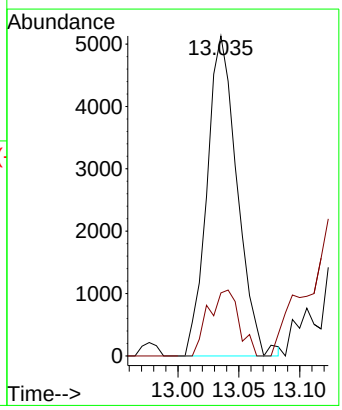


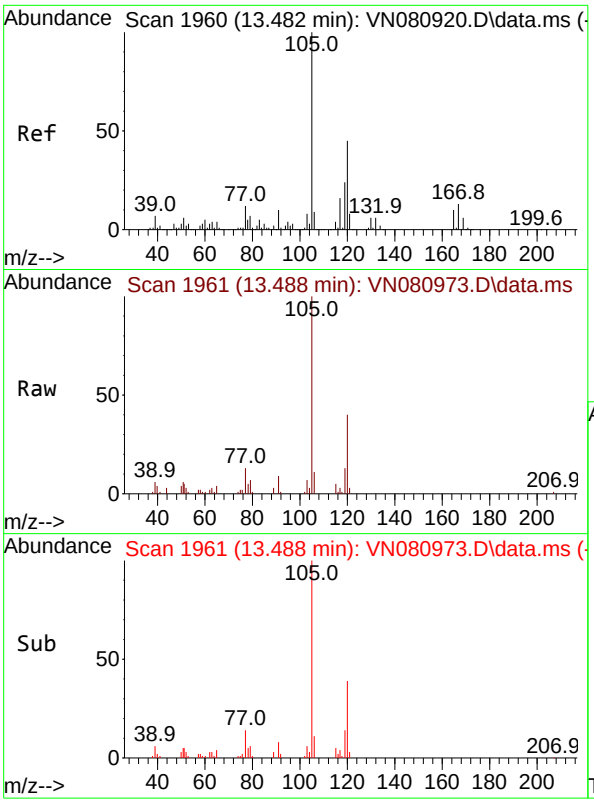


#78
n-propylbenzene
Concen: 0.350 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Tgt Ion: 91 Resp: 8840

Ion	Ratio	Lower	Upper
91	100		
120	21.0	10.3	30.9





#84
1,2,4-Trimethylbenzene
Concen: 2.415 ug/l
RT: 13.488 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080973.D
Acq: 08 Feb 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-17-ch6

Tgt Ion:105 Resp: 43701

Ion	Ratio	Lower	Upper
105	100		
120	42.5	20.9	62.7