Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
Data File : VN074265.D
Acq On : 02 Sep 2022 01:17
Operator : JC\MD
Sample : N4376-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-45

Quant Time: Sep 02 05:44:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 07:02:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	233280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	437585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	406280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	174950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	174289	48.163	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.320%			
35) Dibromofluoromethane	7.951	113	144525	50.756	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%			
50) Toluene-d8	10.380	98	513504	45.793	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.580%			
62) 4-Bromofluorobenzene	12.669	95	185235	54.319	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.640%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.534	73	4179	0.413	ug/l #	83
40) Benzene	8.392	78	4025	0.277	ug/l	93
67) Ethyl Benzene	11.786	91	4420	0.269	ug/l #	81
68) m/p-Xylenes	11.898	106	2390	0.392	ug/l	84
84) 1,2,4-Trimethylbenzene	13.316	105	3129	0.266	ug/l	81

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

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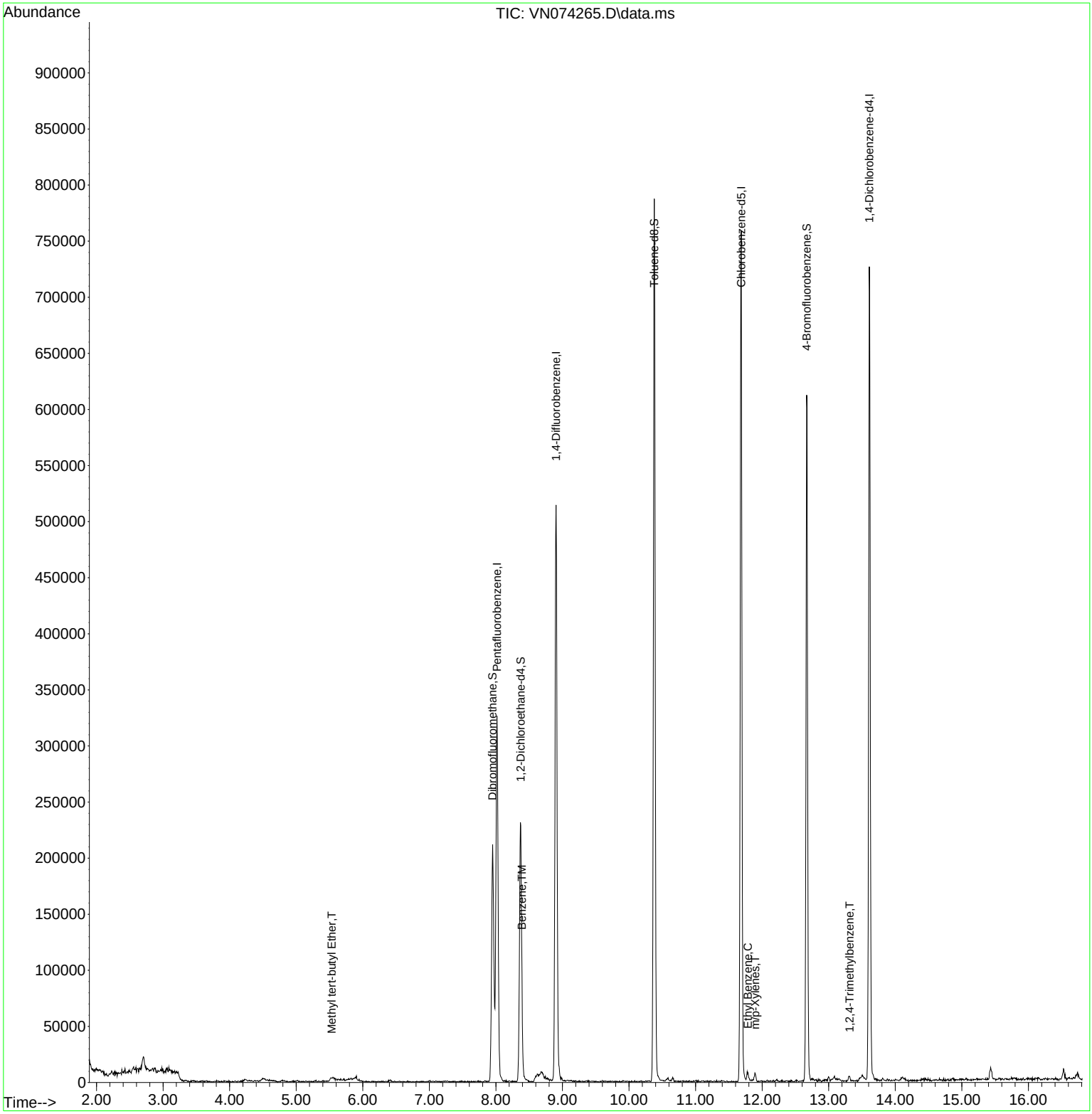
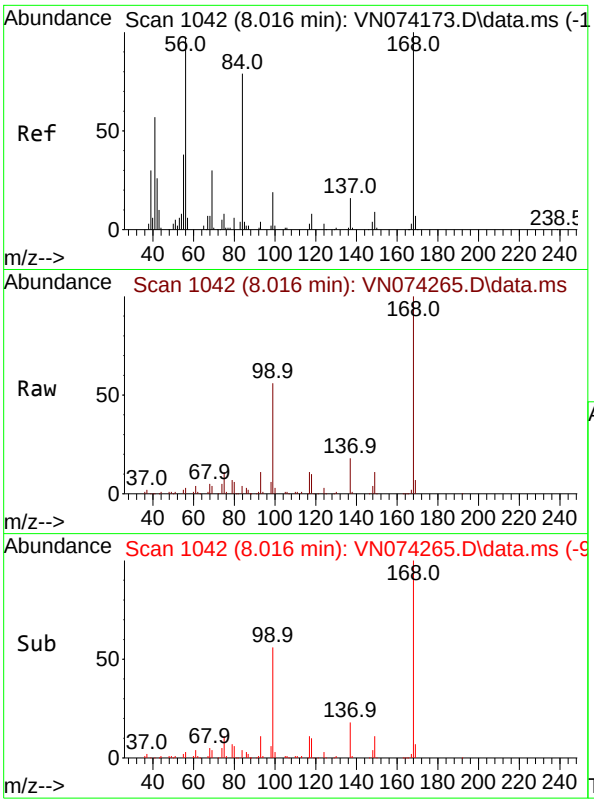


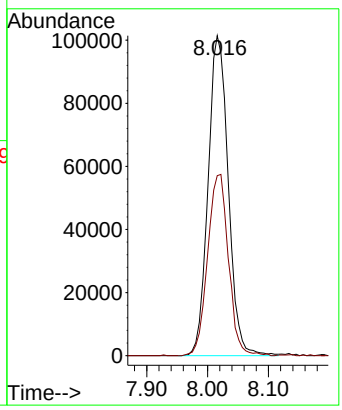


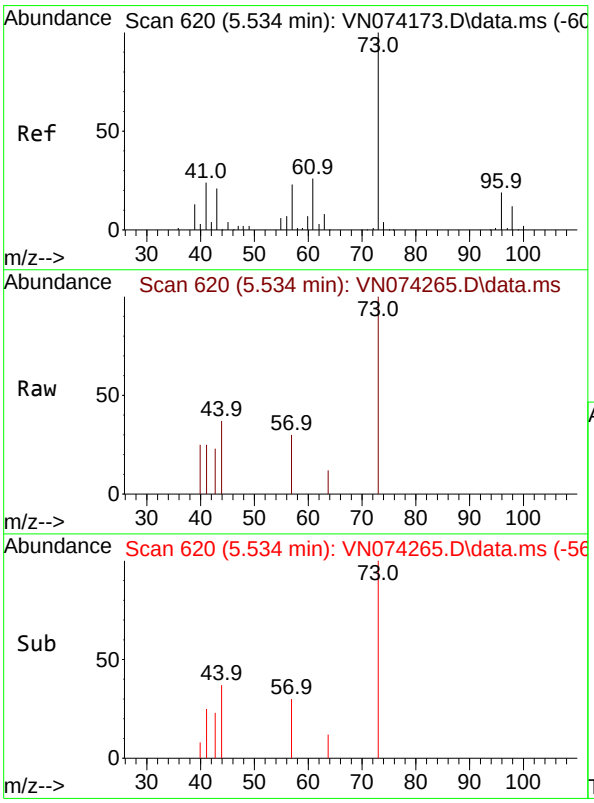
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074265.D
Acq: 02 Sep 2022 01:17

Instrument :
MSVOA_N
ClientSampleId :
MW-45

Tgt Ion:168 Resp: 233280

Ion	Ratio	Lower	Upper
168	100		
99	56.3	42.3	63.5

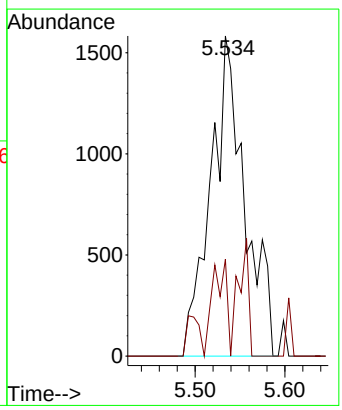


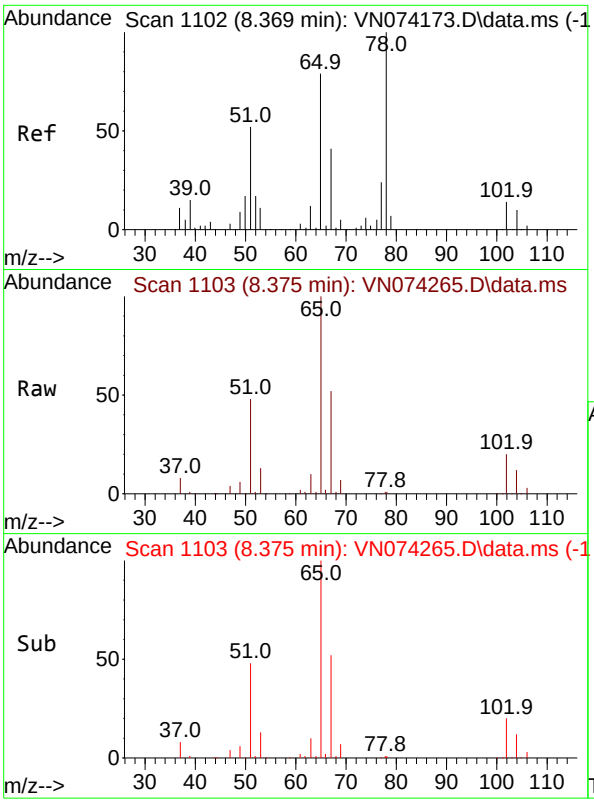


#19
Methyl tert-butyl Ether
Concen: 0.413 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.000 min
Lab File: VN074265.D
Acq: 02 Sep 2022 01:17

Tgt Ion: 73 Resp: 4179

Ion	Ratio	Lower	Upper
73	100		
57	30.3	17.6	26.4#



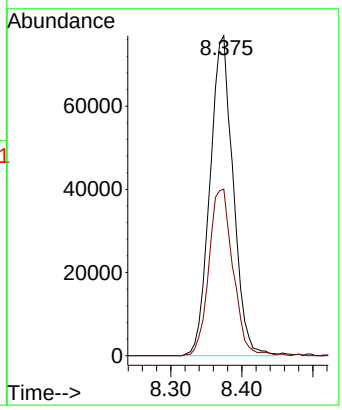


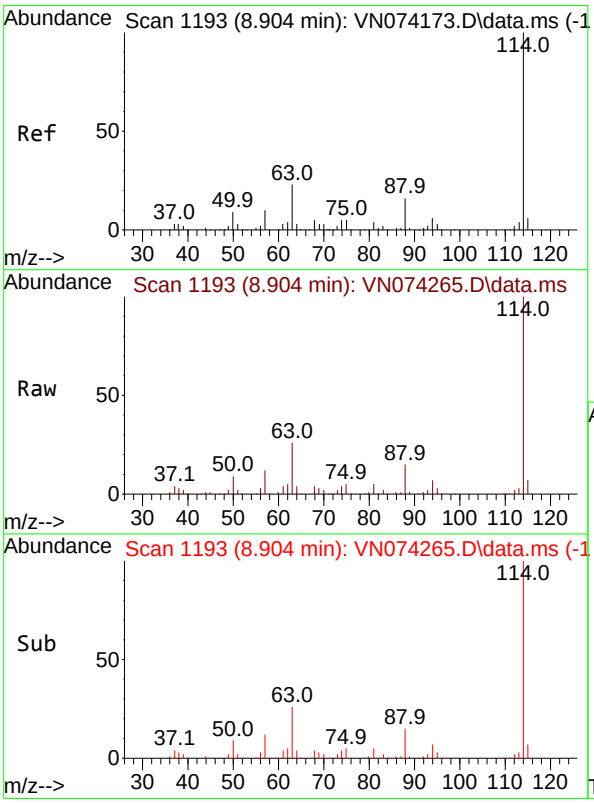
#33
1,2-Dichloroethane-d4
Concen: 48.163 ug/l
RT: 8.375 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074265.D
Acq: 02 Sep 2022 01:17

Instrument :
MSVOA_N
ClientSampleId :
MW-45

Tgt Ion: 65 Resp: 174289

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	104.8

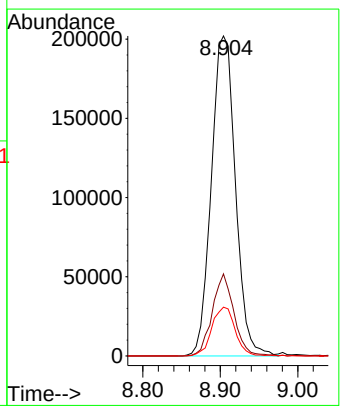


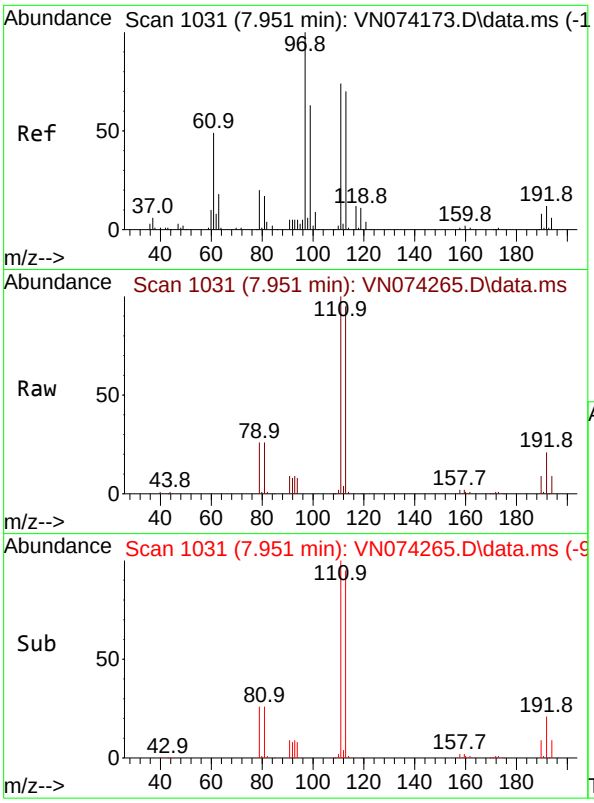


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074265.D
Acq: 02 Sep 2022 01:17

Tgt Ion:114 Resp: 437585

Ion	Ratio	Lower	Upper
114	100		
63	25.7	0.0	40.0
88	15.3	0.0	32.6



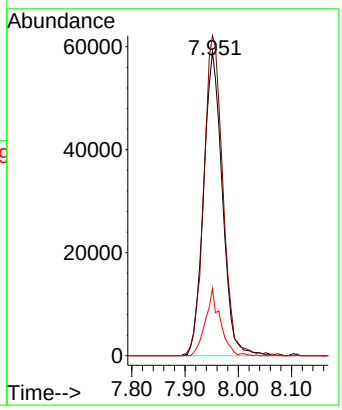


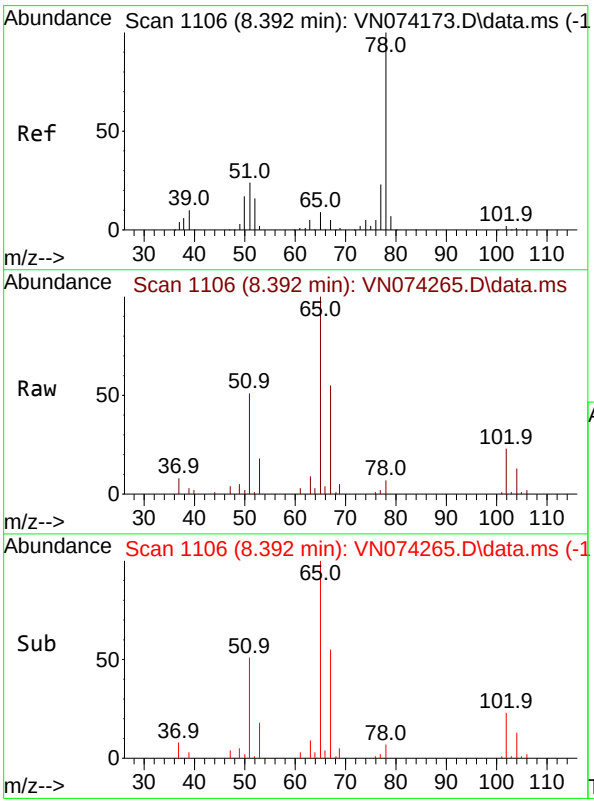
#35
Dibromofluoromethane
Concen: 50.756 ug/l
RT: 7.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074265.D
Acq: 02 Sep 2022 01:17

Instrument :
MSVOA_N
ClientSampleId :
MW-45

Tgt Ion:113 Resp: 144525

Ion	Ratio	Lower	Upper
113	100		
111	106.6	81.4	122.0
192	17.6	17.0	25.6

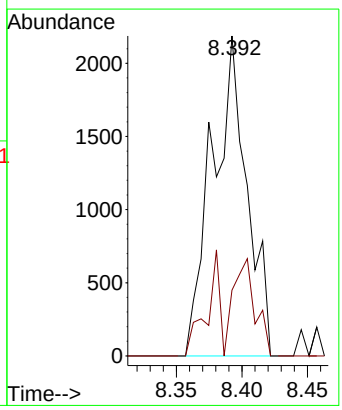


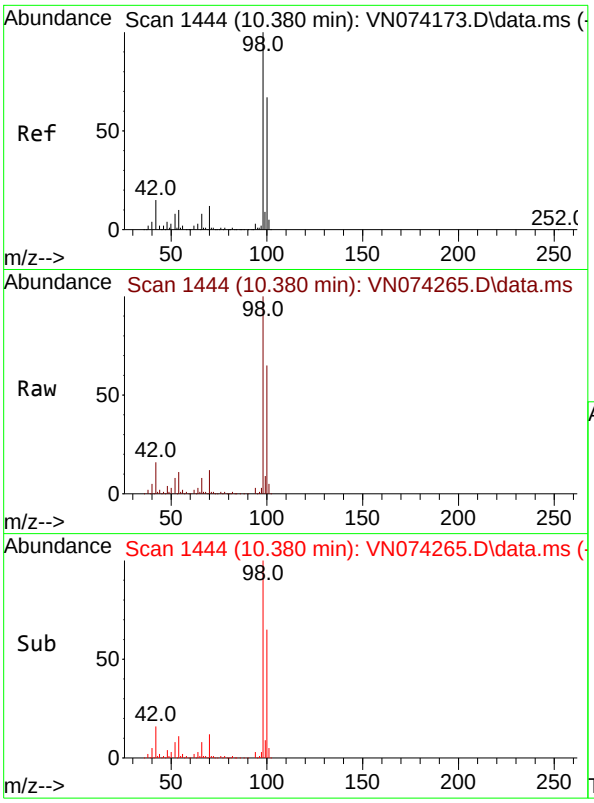


#40
Benzene
Concen: 0.277 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074265.D
Acq: 02 Sep 2022 01:17

Tgt Ion: 78 Resp: 4025

Ion	Ratio	Lower	Upper
78	100		
77	20.5	19.4	29.0



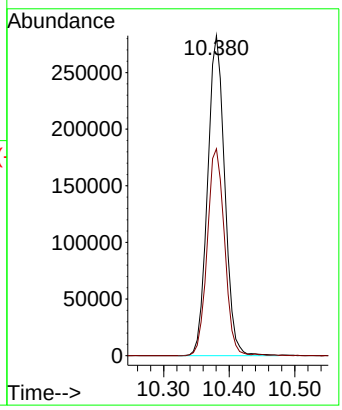


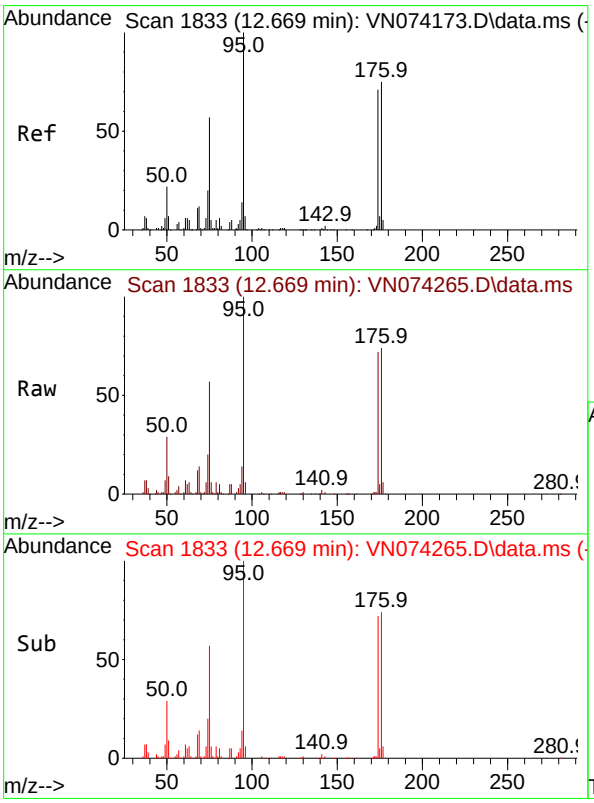
#50
Toluene-d8
Concen: 45.793 ug/l
RT: 10.380 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN074265.D
Acq: 02 Sep 2022 01:17

Instrument :
MSVOA_N
ClientSampleId :
MW-45

Tgt Ion: 98 Resp: 513504

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.6	78.8

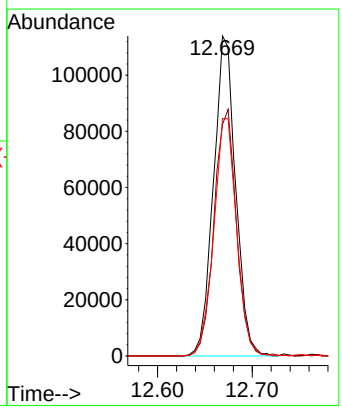


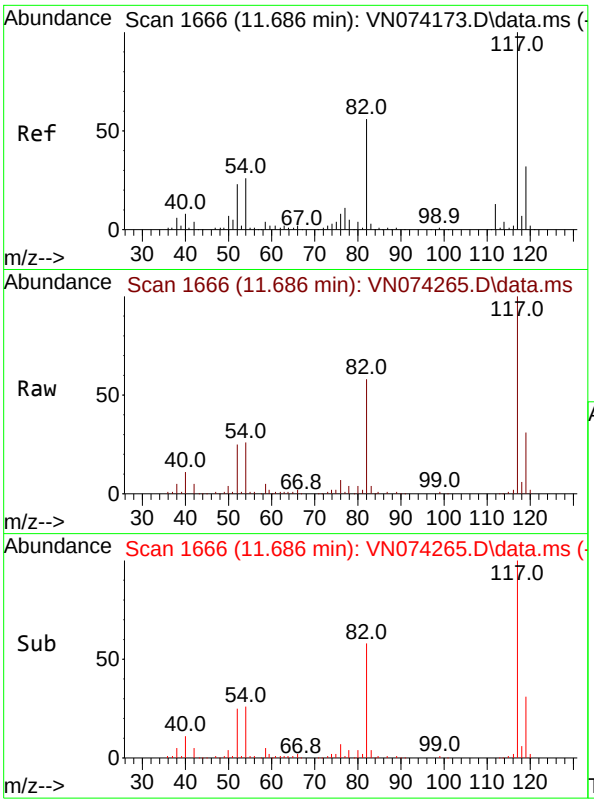


#62
4-Bromofluorobenzene
Concen: 54.319 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074265.D
Acq: 02 Sep 2022 01:17

Tgt Ion: 95 Resp: 185235

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	167.6
176	76.4	0.0	163.4



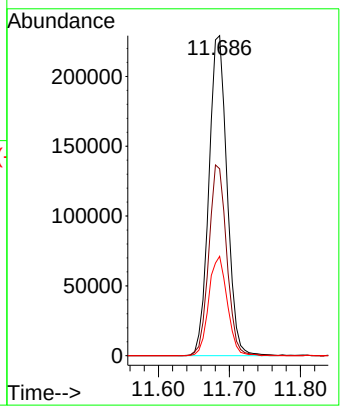


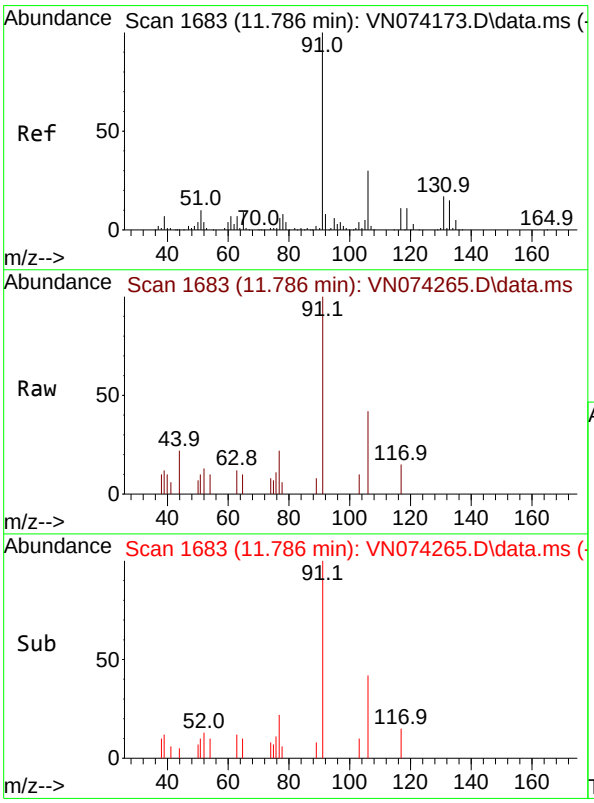
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074265.D
Acq: 02 Sep 2022 01:17

Instrument :
MSVOA_N
ClientSampleId :
MW-45

Tgt Ion:117 Resp: 406280

Ion	Ratio	Lower	Upper
117	100		
82	58.4	44.2	66.2
119	31.0	25.4	38.0

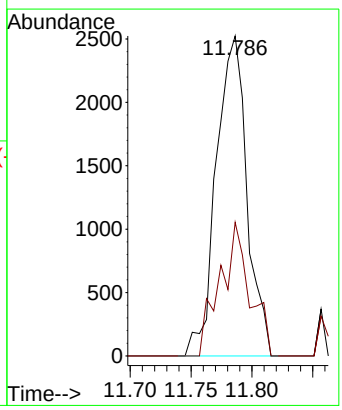


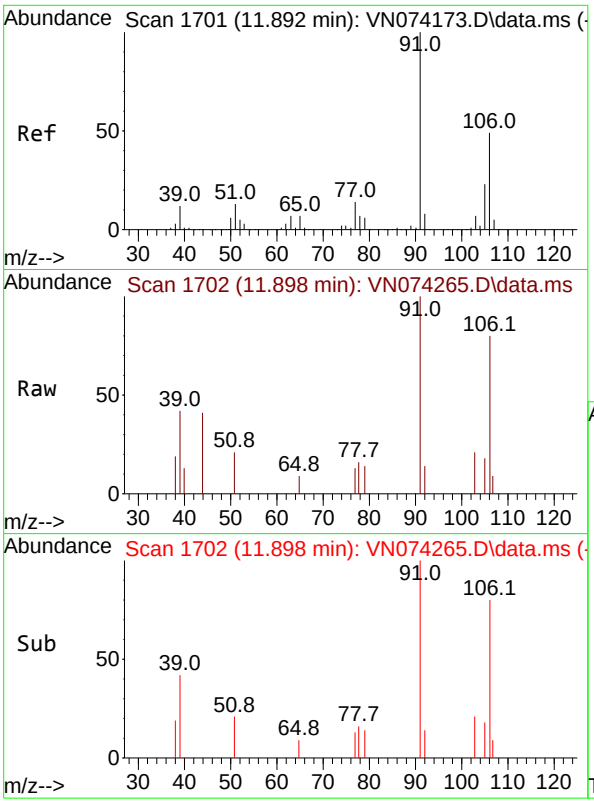


#67
Ethyl Benzene
Concen: 0.269 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074265.D
Acq: 02 Sep 2022 01:17

Tgt Ion: 91 Resp: 4420

Ion	Ratio	Lower	Upper
91	100		
106	41.8	24.9	37.3#



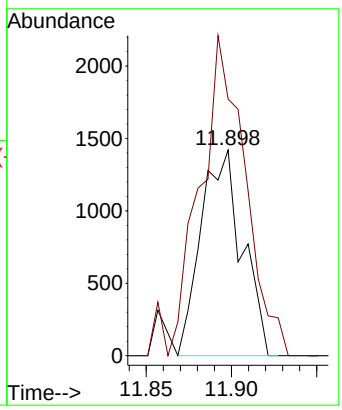


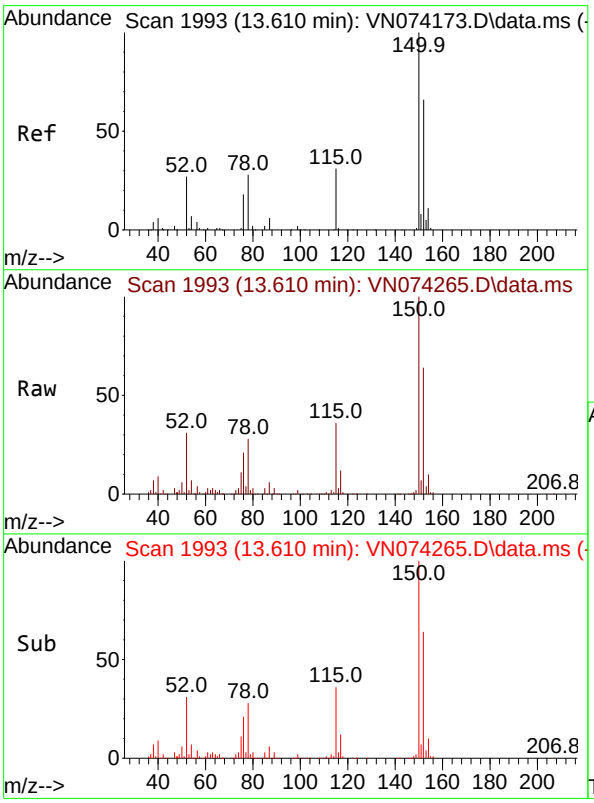
#68
m/p-Xylenes
Concen: 0.392 ug/l
RT: 11.898 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN074265.D
Acq: 02 Sep 2022 01:17

Instrument :
MSVOA_N
ClientSampleId :
MW-45

Tgt Ion:106 Resp: 2390

Ion	Ratio	Lower	Upper
106	100		
91	174.0	158.9	238.3

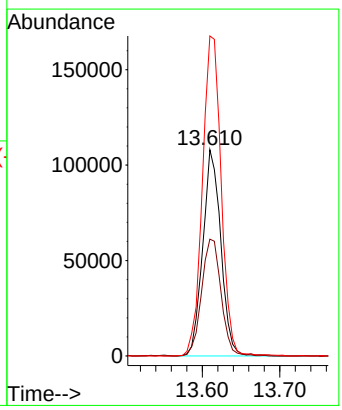


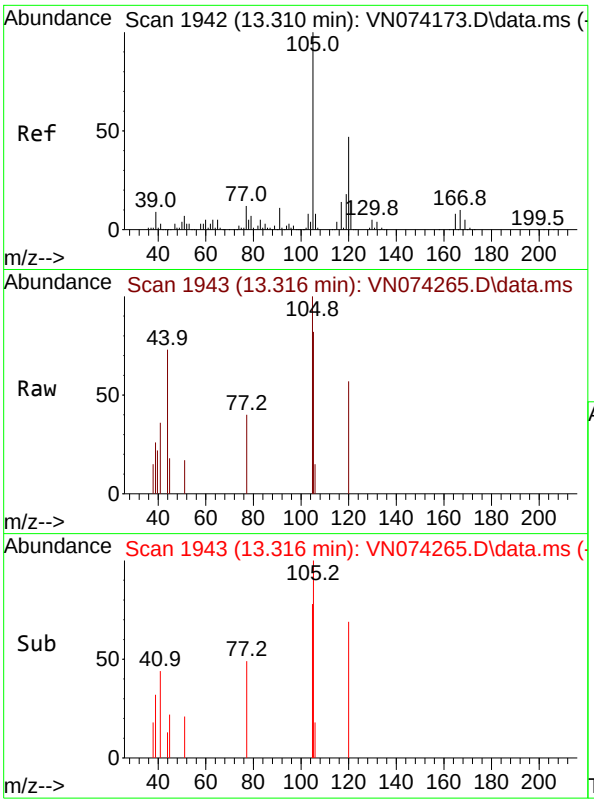


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074265.D
Acq: 02 Sep 2022 01:17

Tgt Ion:152 Resp: 174950

Ion	Ratio	Lower	Upper
152	100		
115	61.0	28.9	86.7
150	161.3	0.0	356.2





#84
1,2,4-Trimethylbenzene
Concen: 0.266 ug/l
RT: 13.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN074265.D
Acq: 02 Sep 2022 01:17

Instrument :
MSVOA_N
ClientSampleId :
MW-45

Tgt Ion:105 Resp: 3129

Ion	Ratio	Lower	Upper
105	100		
120	34.0	23.3	69.8