Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
Data File : VN073345.D
Acq On : 06 Jul 2022 15:11
Operator : JC\MD
Sample : N3564-04
Misc : 4.97g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-1-GR

Quant Time: Jul 07 04:23:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	8.004	168	268163	50.000 ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	447902	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.680	117	434663	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	234959	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.363	65	164879	42.591 ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 85.180%		
35) Dibromofluoromethane	7.945	113	133632	44.844 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.680%		
50) Toluene-d8	10.375	98	493960	46.671 ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.340%		
62) 4-Bromofluorobenzene	12.669	95	230747	56.732 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.460%		
Target Compounds					Qvalue
16) Acetone	4.257	43	14235	6.551 ug/l #	70
18) Methyl Acetate	4.775	43	39309	6.455 ug/l #	87
31) Cyclohexane	8.004	56	139447	21.994 ug/l	91
39) Methylcyclohexane	9.387	83	321306	56.285 ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	17970	1.088 ug/l	93
85) sec-Butylbenzene	13.439	105	28042	1.409 ug/l	83

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

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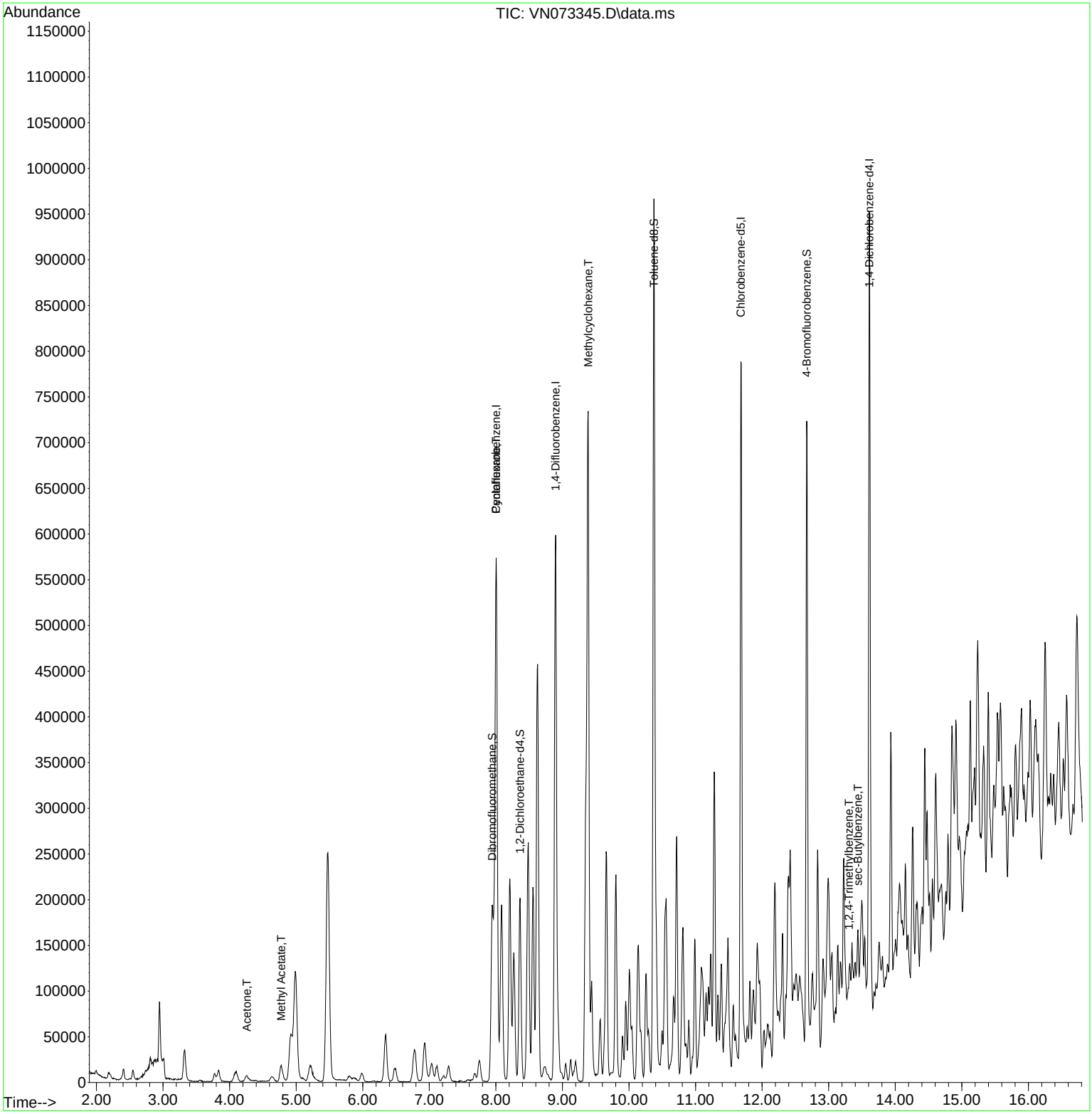
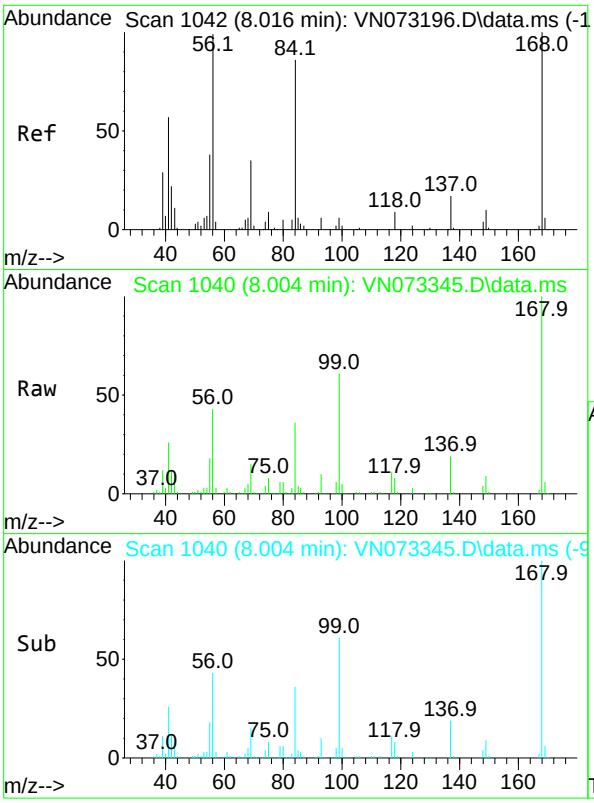


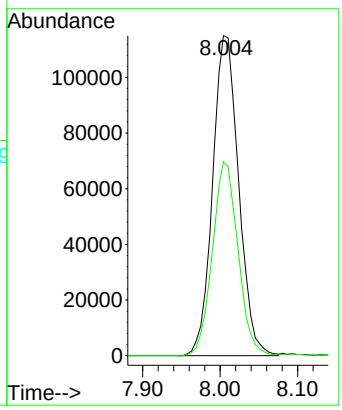


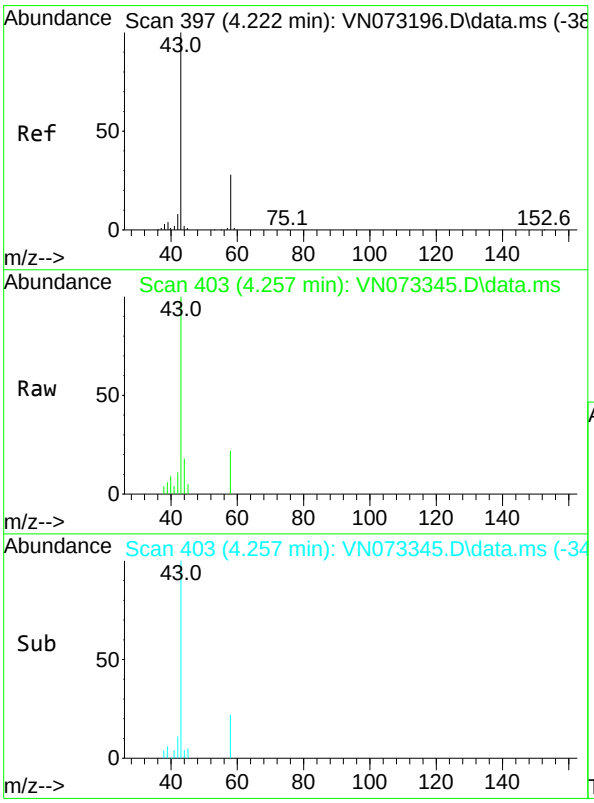
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1(
Delta R.T. -0.012 min
Lab File: VN073345.D
Acq: 06 Jul 2022 15:11

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-1-GR

Tgt Ion:168 Resp: 268163

Ion	Ratio	Lower	Upper
168	100		
99	60.6	42.3	63.5

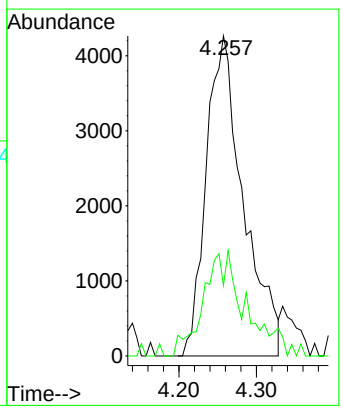


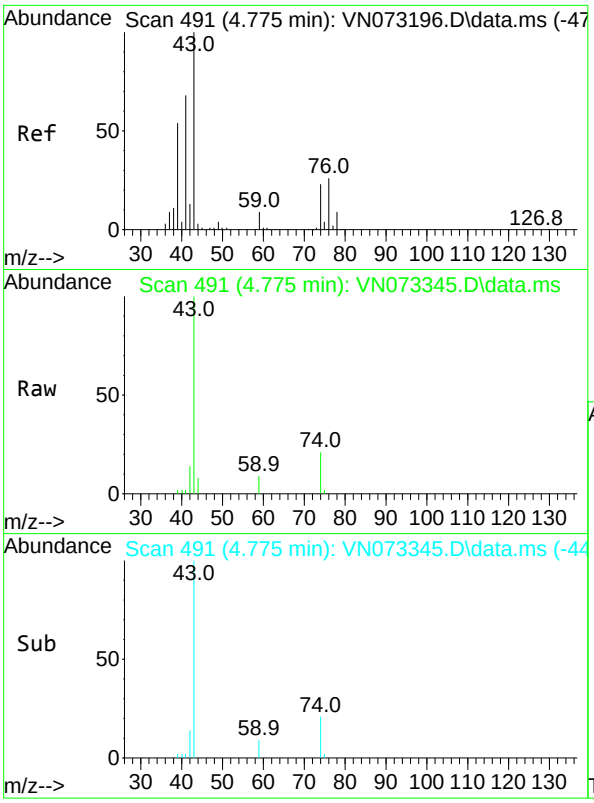


#16
Acetone
Concen: 6.551 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.035 min
Lab File: VN073345.D
Acq: 06 Jul 2022 15:11

Tgt Ion: 43 Resp: 14235

Ion	Ratio	Lower	Upper
43	100		
58	15.6	26.0	39.0#



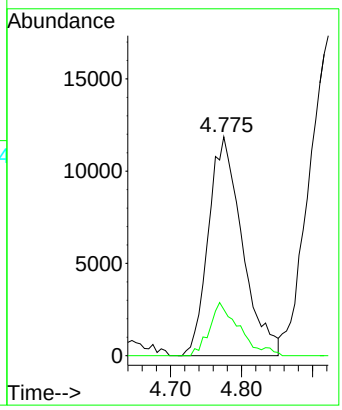


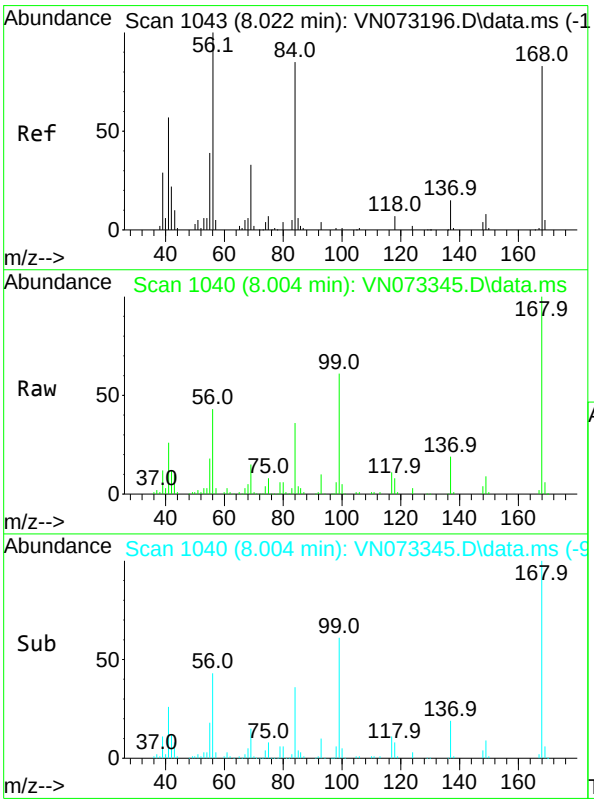
#18
Methyl Acetate
Concen: 6.455 ug/l
RT: 4.775 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN073345.D
Acq: 06 Jul 2022 15:11

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-1-GR

Tgt Ion: 43 Resp: 39309

Ion	Ratio	Lower	Upper
43	100		
74	20.4	21.6	32.4#

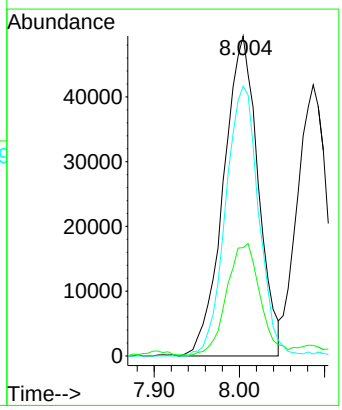


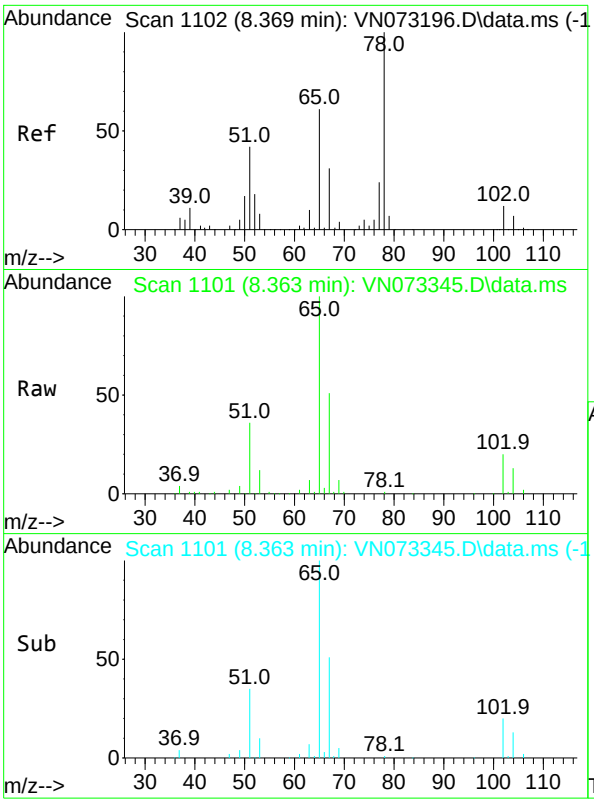


#31
Cyclohexane
Concen: 21.994 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.018 min
Lab File: VN073345.D
Acq: 06 Jul 2022 15:11

Tgt Ion: 56 Resp: 139447

Ion	Ratio	Lower	Upper
56	100		
69	33.5	27.8	41.8
84	84.4	76.9	115.3



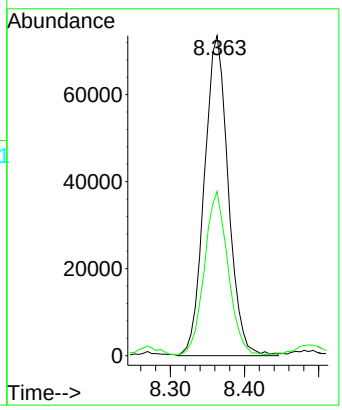


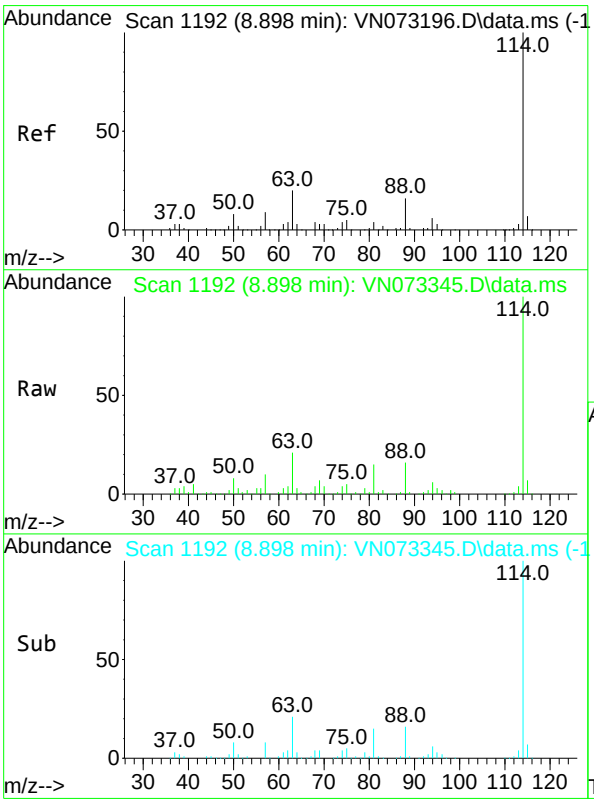
#33
1,2-Dichloroethane-d4
Concen: 42.591 ug/l
RT: 8.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN073345.D
Acq: 06 Jul 2022 15:11

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-1-GR

Tgt Ion: 65 Resp: 164879

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	104.8

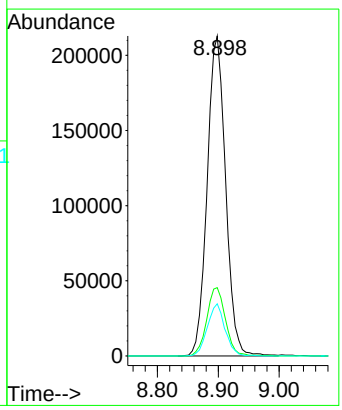


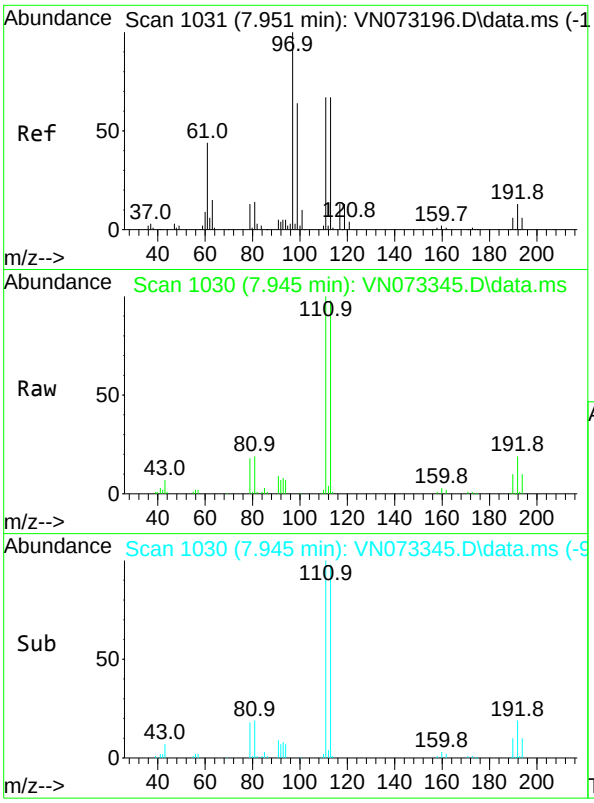


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073345.D
Acq: 06 Jul 2022 15:11

Tgt Ion:114 Resp: 447902

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	40.0
88	16.3	0.0	32.6



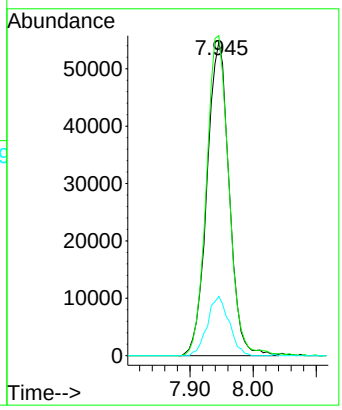


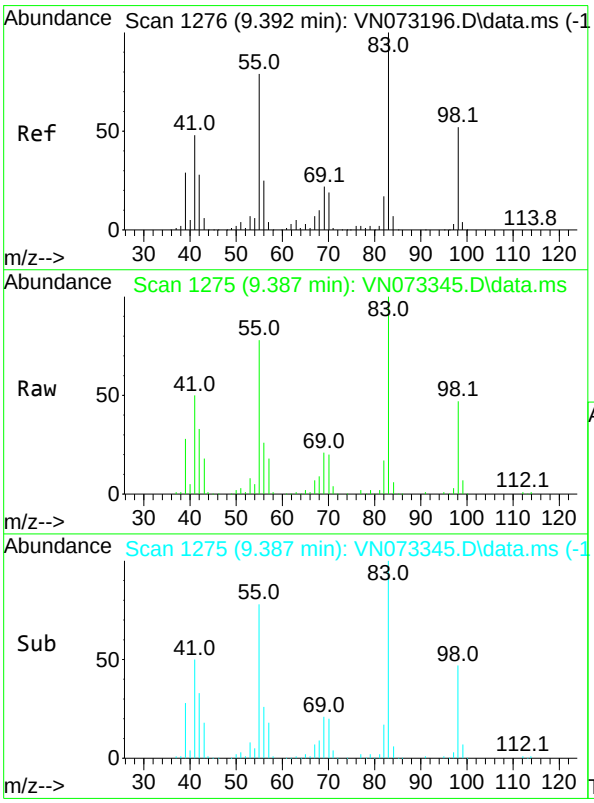
#35
Dibromofluoromethane
Concen: 44.844 ug/l
RT: 7.945 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VN073345.D
Acq: 06 Jul 2022 15:11

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-1-GR

Tgt Ion:113 Resp: 133632

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	18.4	17.0	25.6

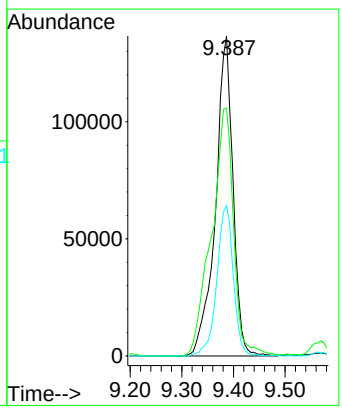


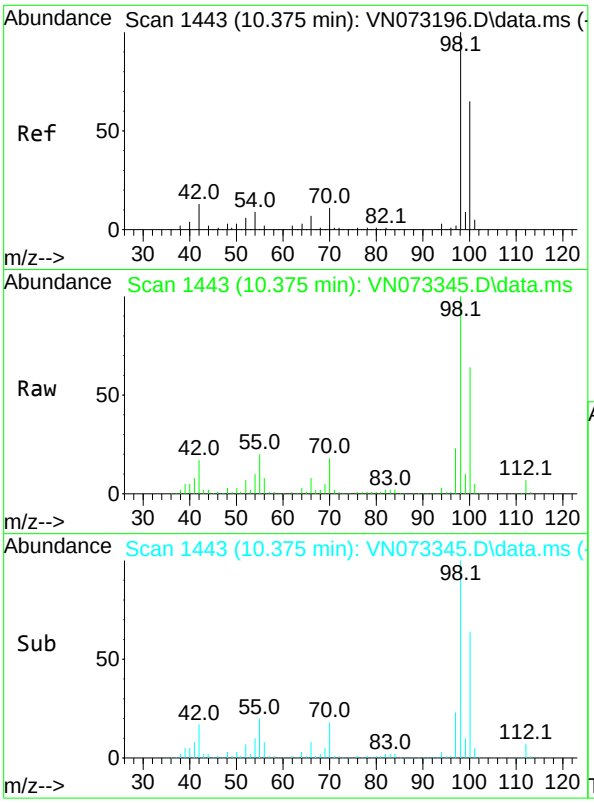


#39
Methylcyclohexane
Concen: 56.285 ug/l
RT: 9.387 min Scan# 1275
Delta R.T. -0.005 min
Lab File: VN073345.D
Acq: 06 Jul 2022 15:11

Tgt Ion: 83 Resp: 321306

Ion	Ratio	Lower	Upper
83	100		
55	77.5	57.8	86.8
98	47.0	39.4	59.2



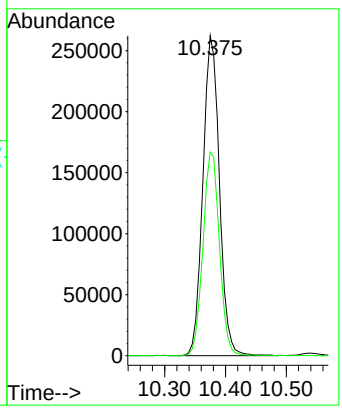


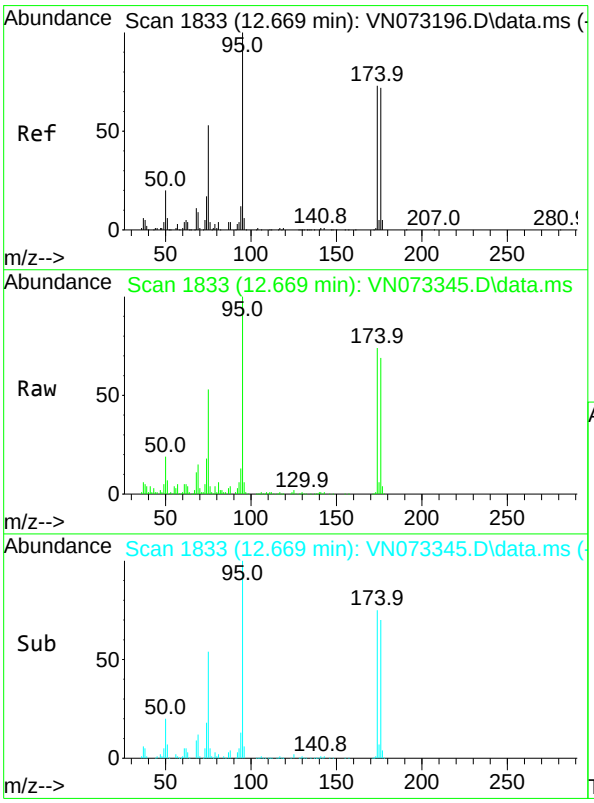
#50
Toluene-d8
Concen: 46.671 ug/l
RT: 10.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073345.D
Acq: 06 Jul 2022 15:11

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-1-GR

Tgt Ion: 98 Resp: 493960

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.6	78.8

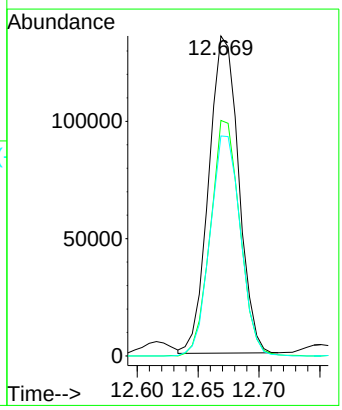


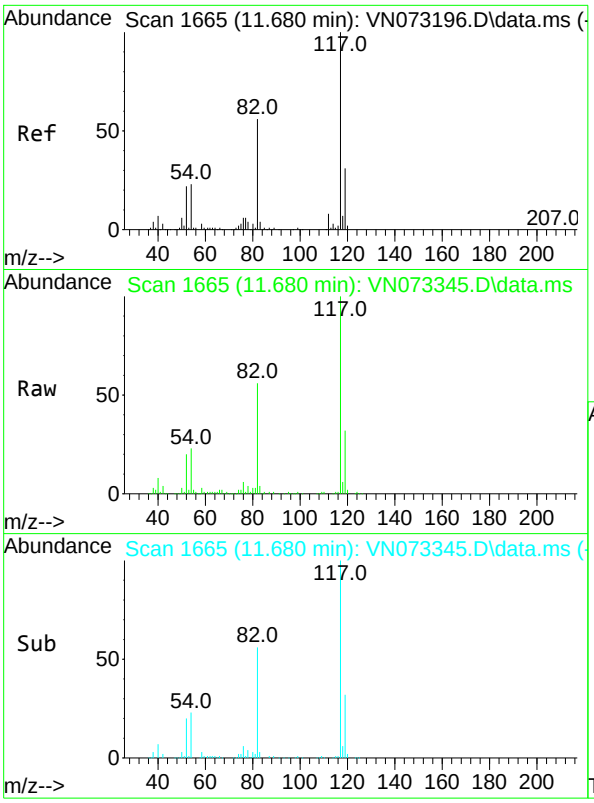


#62
4-Bromofluorobenzene
Concen: 56.732 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073345.D
Acq: 06 Jul 2022 15:11

Tgt Ion: 95 Resp: 230747

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	167.6
176	70.7	0.0	163.4



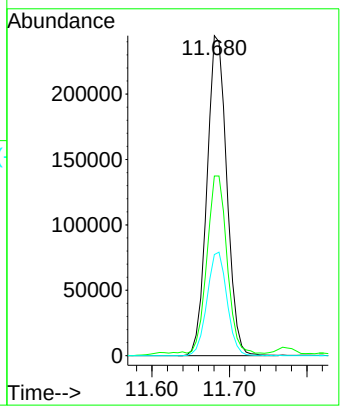


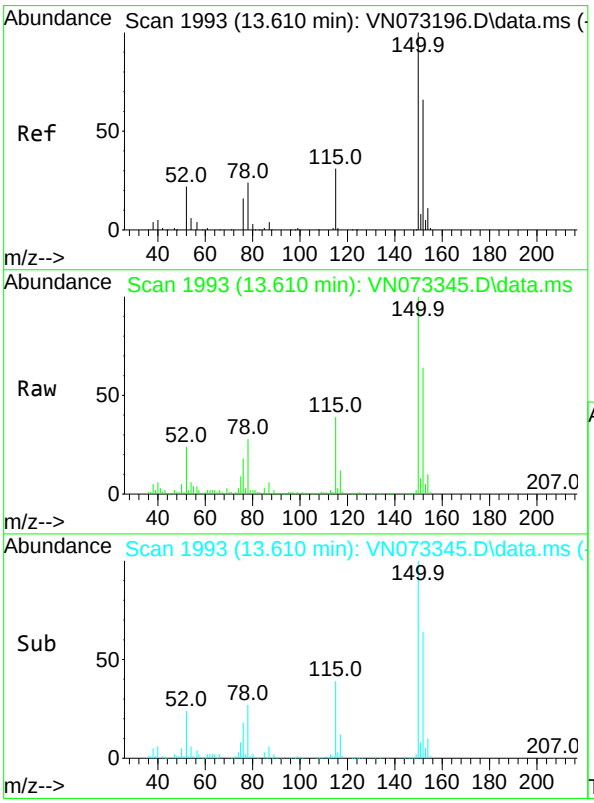
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073345.D
Acq: 06 Jul 2022 15:11

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-1-GR

Tgt Ion:117 Resp: 434663

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.2	66.2
119	31.6	25.4	38.0

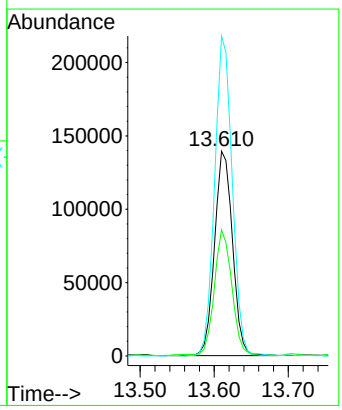


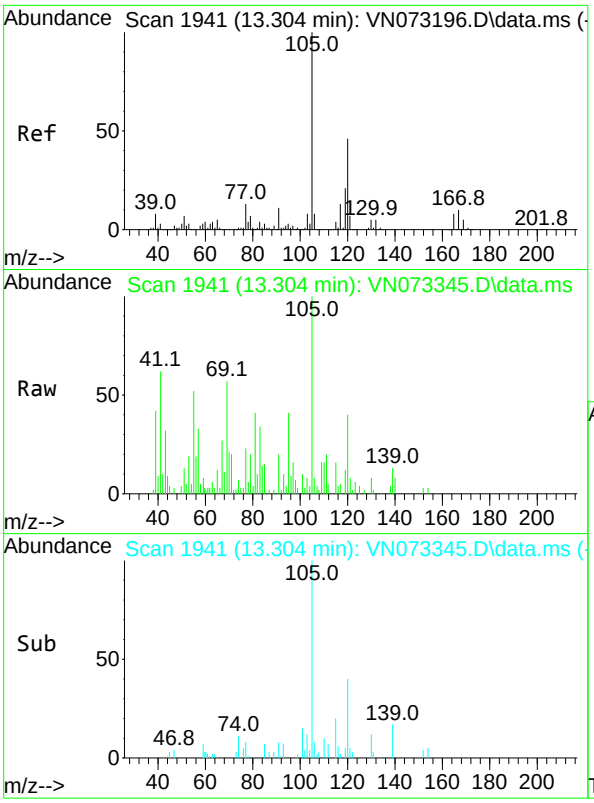


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073345.D
Acq: 06 Jul 2022 15:11

Tgt Ion:152 Resp: 234959

Ion	Ratio	Lower	Upper
152	100		
115	60.5	28.9	86.7
150	153.5	0.0	356.2



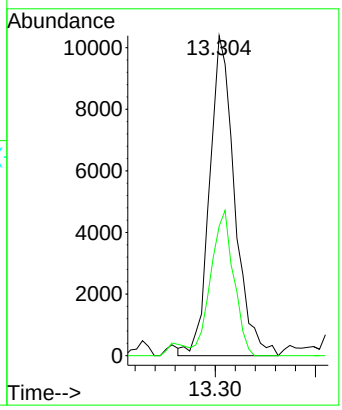


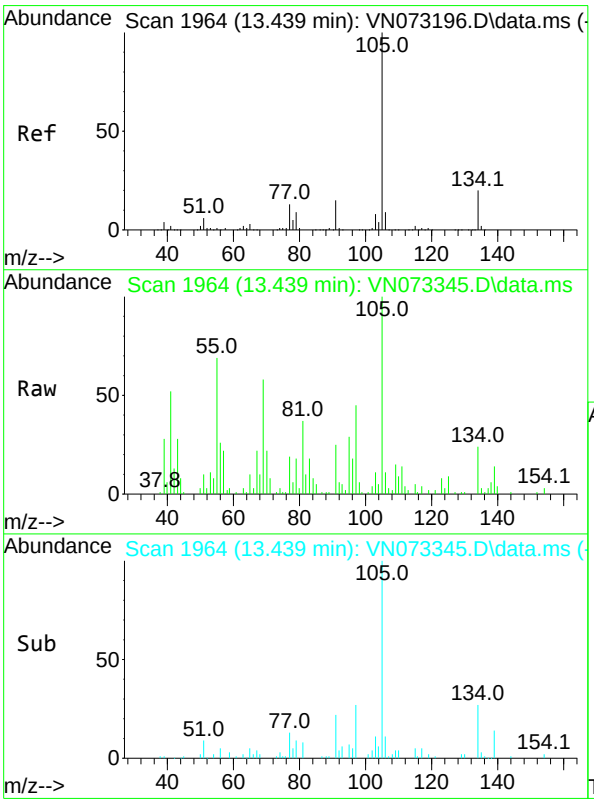
#84
1,2,4-Trimethylbenzene
Concen: 1.088 ug/l
RT: 13.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073345.D
Acq: 06 Jul 2022 15:11

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-1-GR

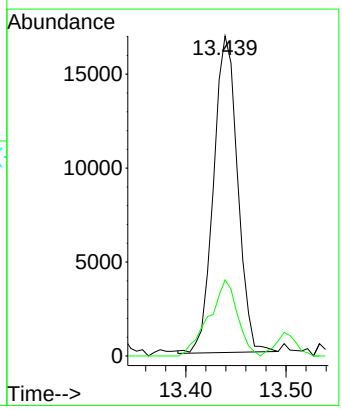
Tgt Ion:105 Resp: 17970

Ion	Ratio	Lower	Upper
105	100		
120	41.6	23.3	69.8





#85
sec-Butylbenzene
Concen: 1.409 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN073345.D
Acq: 06 Jul 2022 15:11

Tgt Ion:105 Resp: 28042

Ion	Ratio	Lower	Upper
105	100		
134	28.4	10.4	31.1