Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072899.D
Acq On : 16 Jun 2022 23:41
Operator : JC\MD
Sample : N3202-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Quant Time: Jun 17 06:08:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 17 06:04:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	408969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	640001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	576588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	247638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	350996	46.454	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 92.900%			
35) Dibromofluoromethane	7.951	113	268081	46.113	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.220%			
50) Toluene-d8	10.375	98	664542	29.203	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 58.400%#			
62) 4-Bromofluorobenzene	12.669	95	275170	34.859	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 69.720%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.298	59	38393	19.516	ug/l	99
16) Acetone	4.246	43	11952	3.134	ug/l	94
18) Methyl Acetate	4.793	43	7060	0.649	ug/l #	89
19) Methyl tert-butyl Ether	5.540	73	140276	6.723	ug/l	97
20) Methylene Chloride	5.016	84	4771	0.699	ug/l	87
25) 2-Butanone	7.281	43	5982	0.985	ug/l	96
40) Benzene	8.386	78	41164	1.627	ug/l	99
51) 4-Methyl-2-Pentanone	10.269	43	12093	1.045	ug/l	95
67) Ethyl Benzene	11.780	91	25189	0.938	ug/l	97
68) m/p-Xylenes	11.892	106	14104	1.368	ug/l	96
69) o-Xylene	12.216	106	2596	0.245	ug/l	78
84) 1,2,4-Trimethylbenzene	13.304	105	20170	1.109	ug/l	91

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
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Instrument :
MSVOA_N
ClientSampleId :
MW-16

Quant Time: Jun 17 06:08:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
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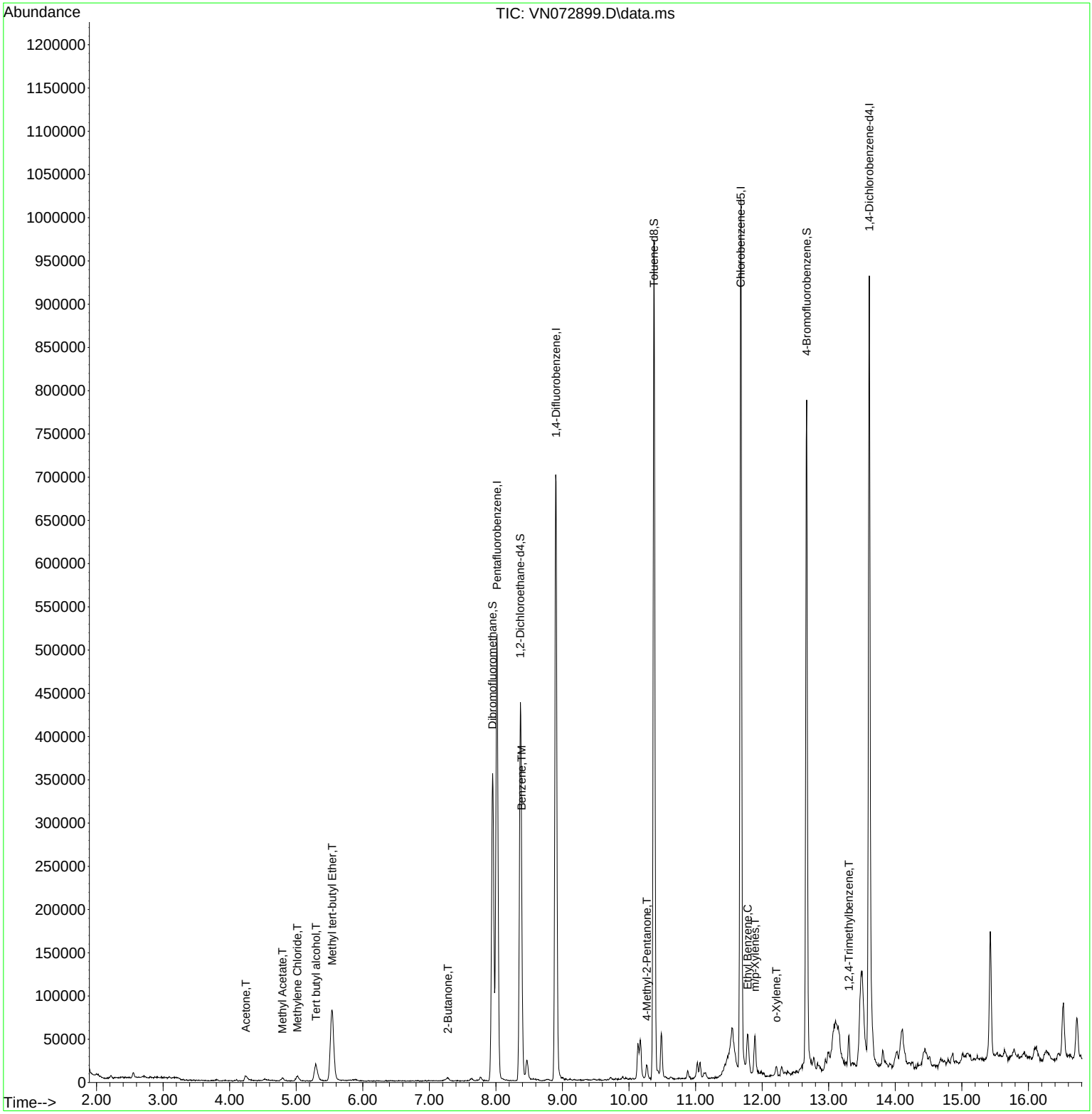
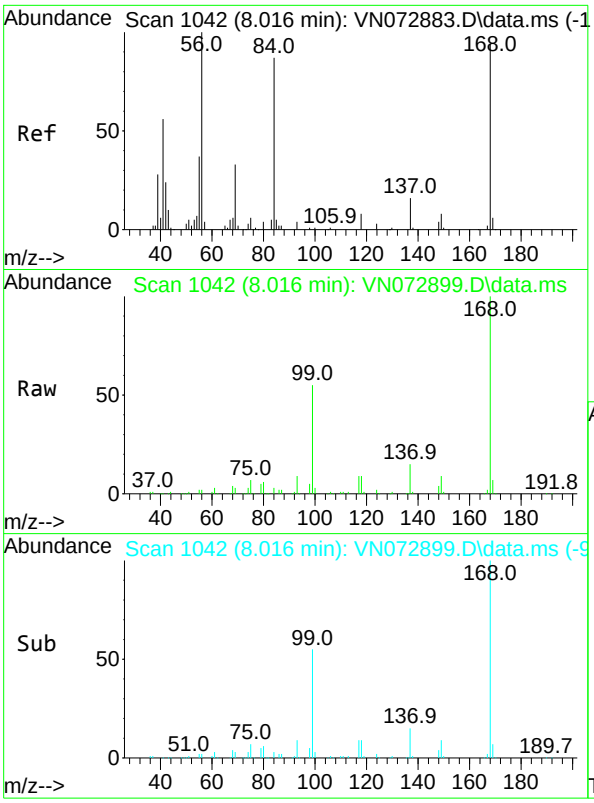


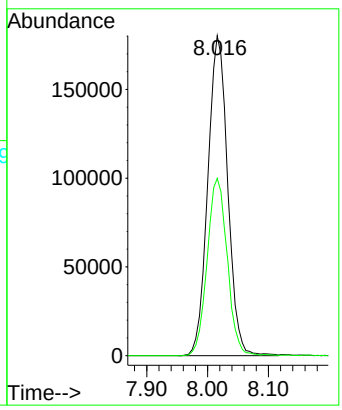


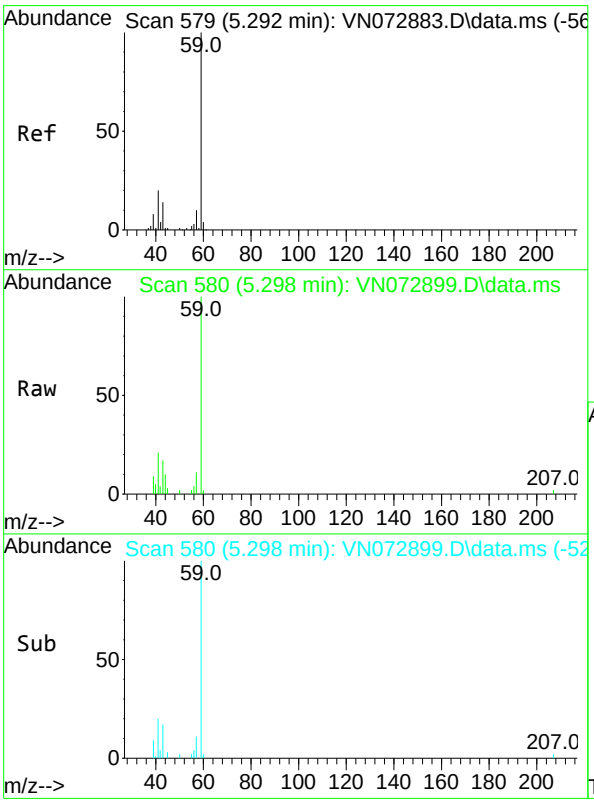
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion:168 Resp: 408969

Ion	Ratio	Lower	Upper
168	100		
99	55.4	42.3	63.5

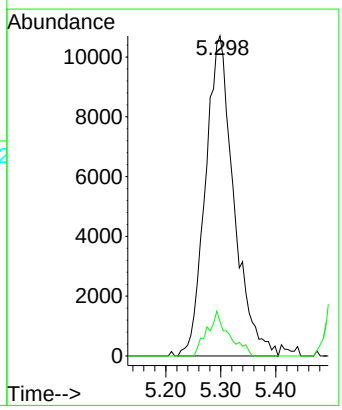


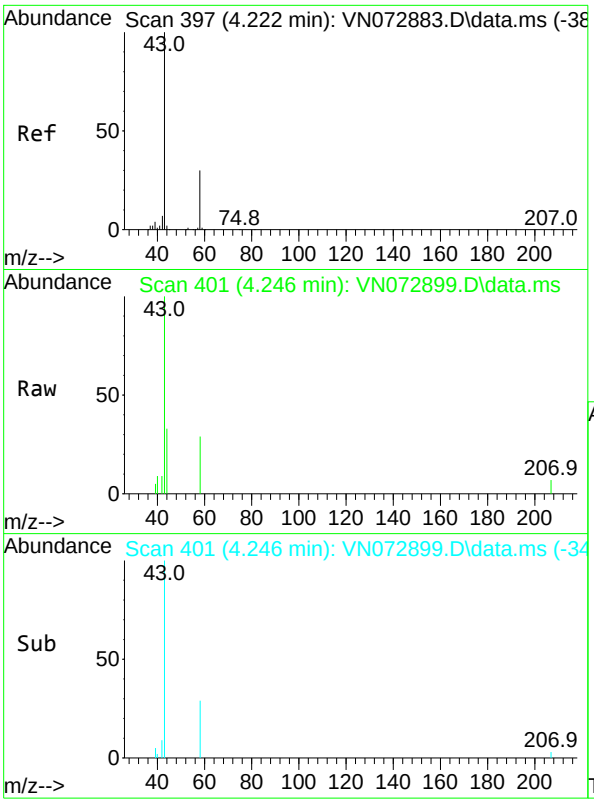


#11
Tert butyl alcohol
Concen: 19.516 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.006 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Tgt Ion: 59 Resp: 38393

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5



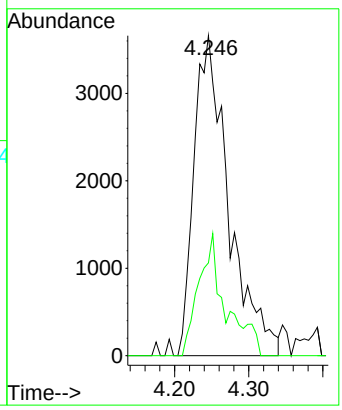


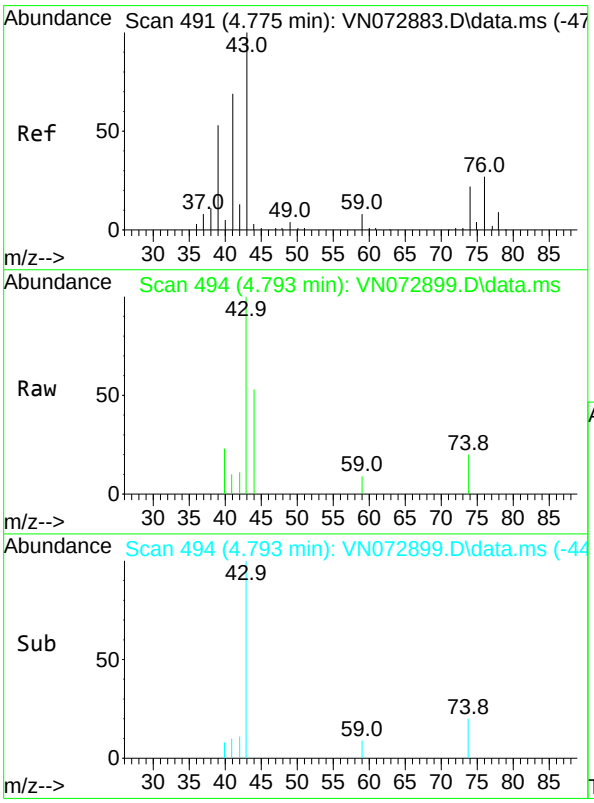
#16
Acetone
Concen: 3.134 ug/l
RT: 4.246 min Scan# 4(
Delta R.T. 0.024 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion: 43 Resp: 11952

Ion	Ratio	Lower	Upper
43	100		
58	29.0	26.0	39.0

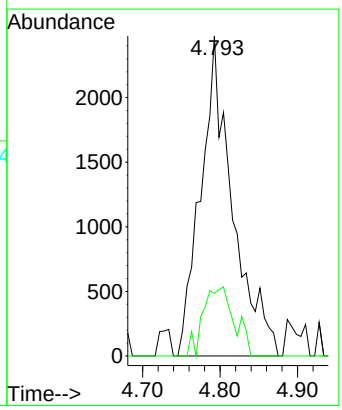


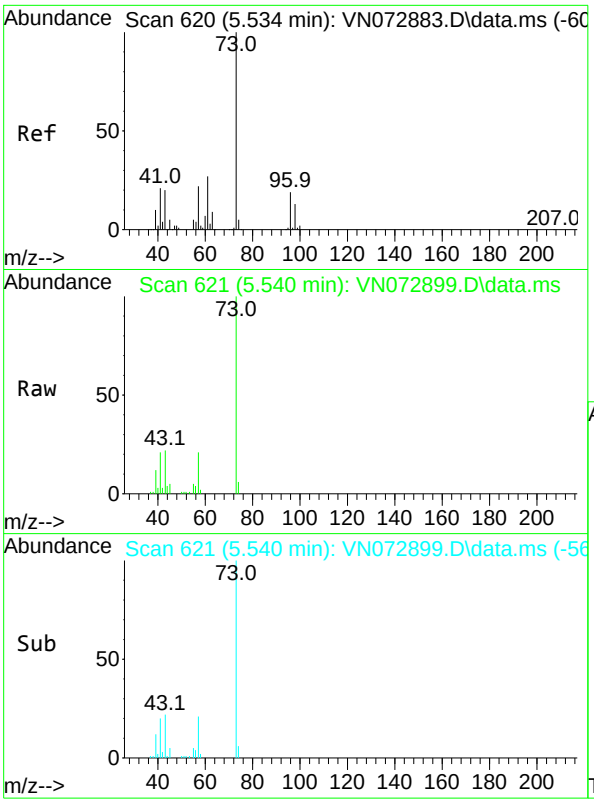


#18
Methyl Acetate
Concen: 0.649 ug/l
RT: 4.793 min Scan# 494
Delta R.T. 0.018 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Tgt Ion: 43 Resp: 7060

Ion	Ratio	Lower	Upper
43	100		
74	21.2	21.6	32.4#



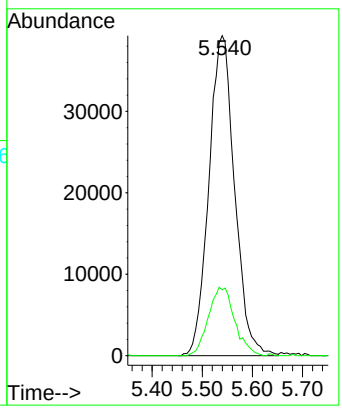


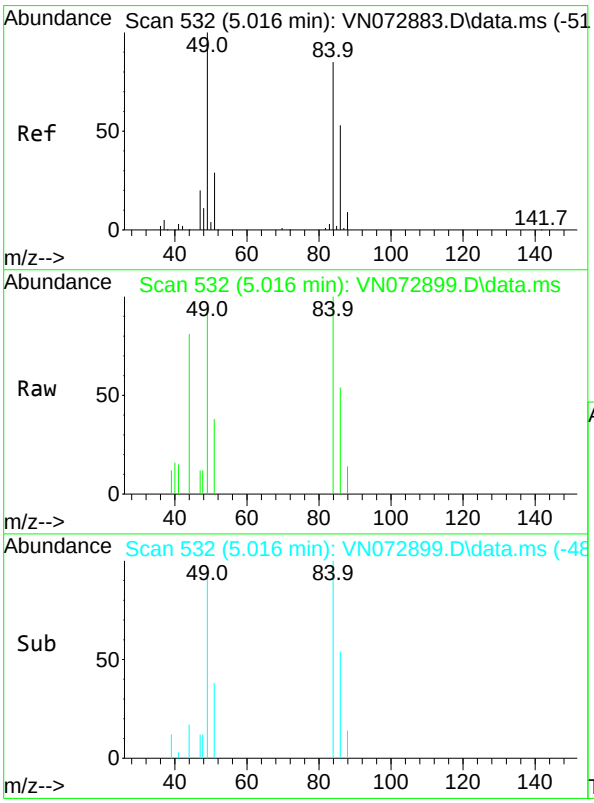
#19
Methyl tert-butyl Ether
Concen: 6.723 ug/l
RT: 5.540 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion: 73 Resp: 140276

Ion	Ratio	Lower	Upper
73	100		
57	20.6	17.6	26.4

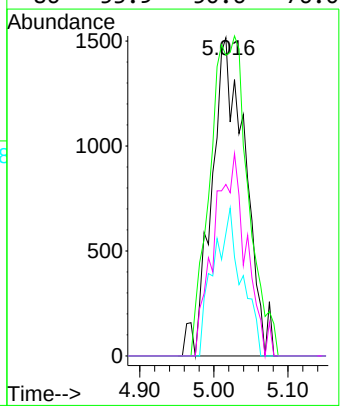


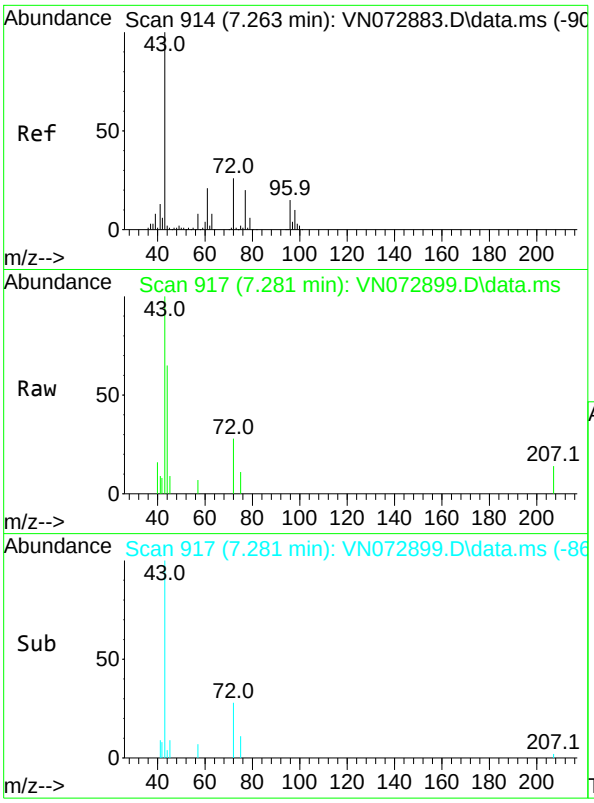


#20
Methylene Chloride
Concen: 0.699 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Tgt Ion: 84 Resp: 4771

Ion	Ratio	Lower	Upper
84	100		
49	94.5	88.3	132.5
51	38.5	28.2	42.2
86	53.9	50.6	76.0



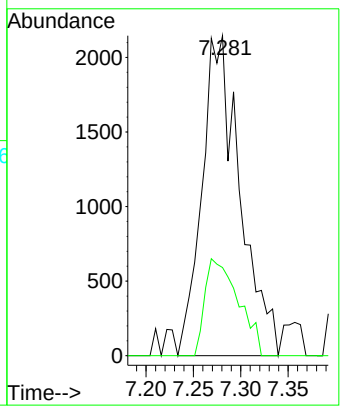


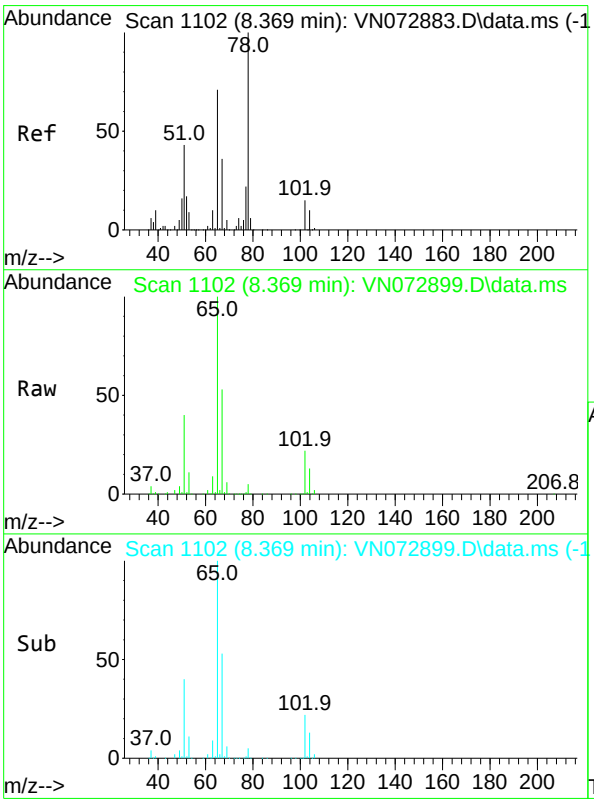
#25
2-Butanone
Concen: 0.985 ug/l
RT: 7.281 min Scan# 9
Delta R.T. 0.018 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion: 43 Resp: 5982

Ion	Ratio	Lower	Upper
43	100		
72	27.6	23.7	35.5

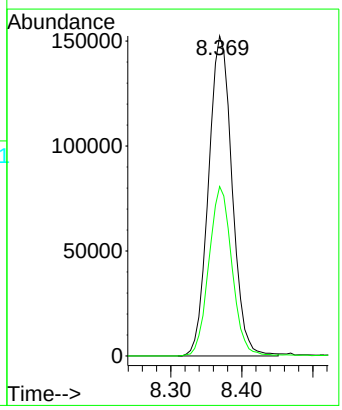


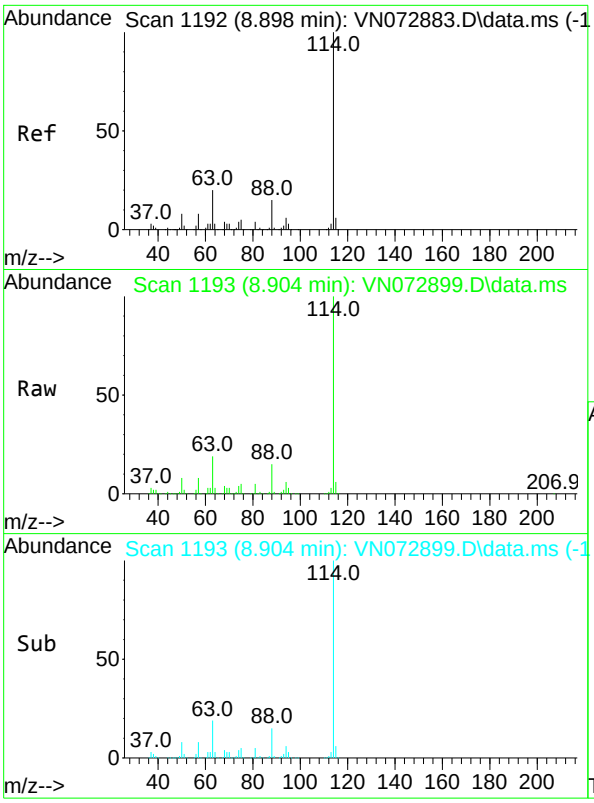


#33
1,2-Dichloroethane-d4
Concen: 46.454 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Tgt Ion: 65 Resp: 350996

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8



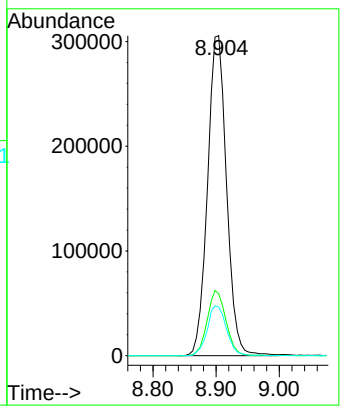


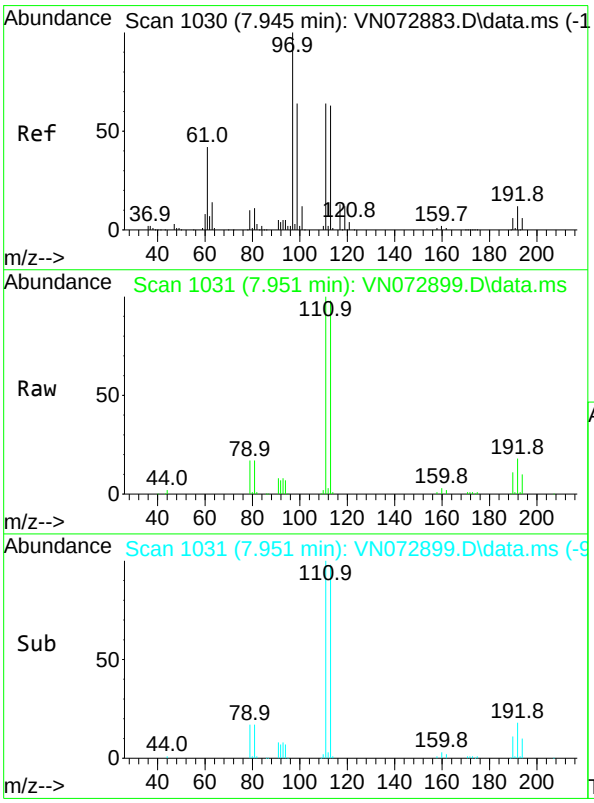
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion:114 Resp: 640001

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	15.2	0.0	32.6

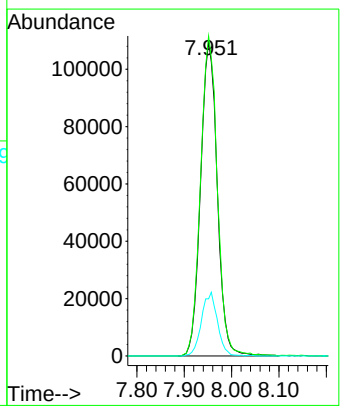


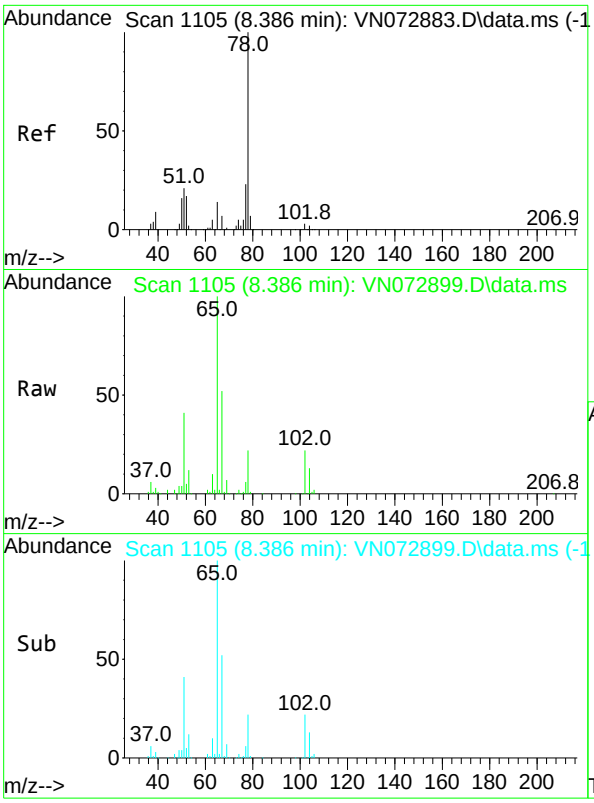


#35
Dibromofluoromethane
Concen: 46.113 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Tgt Ion:113 Resp: 268081

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	19.4	17.0	25.6



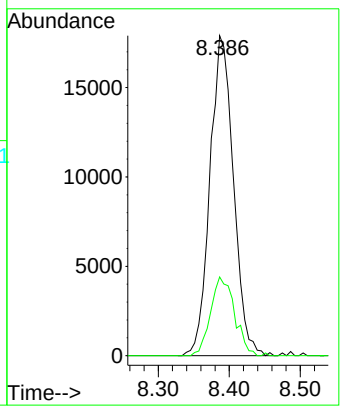


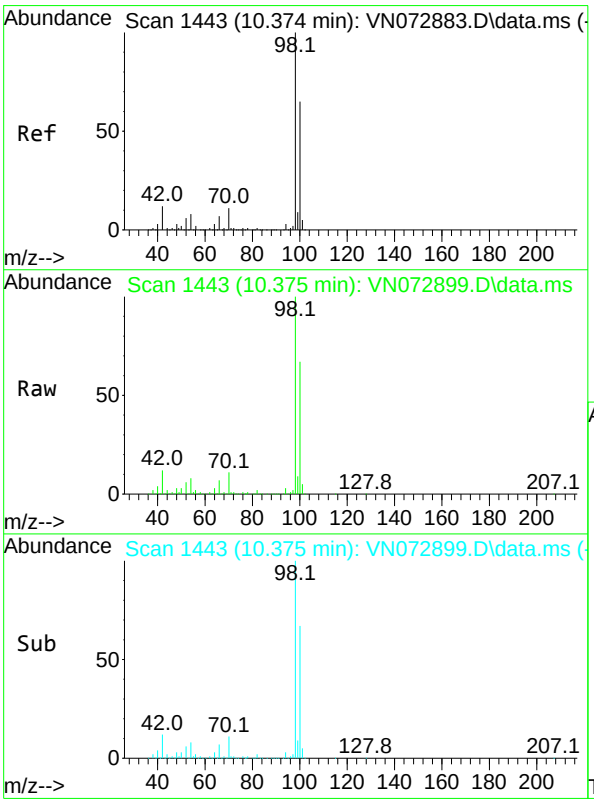
#40
Benzene
Concen: 1.627 ug/l
RT: 8.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion: 78 Resp: 41164

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.0

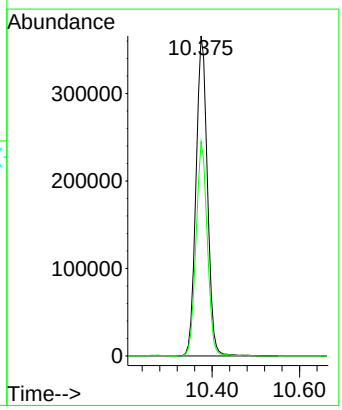


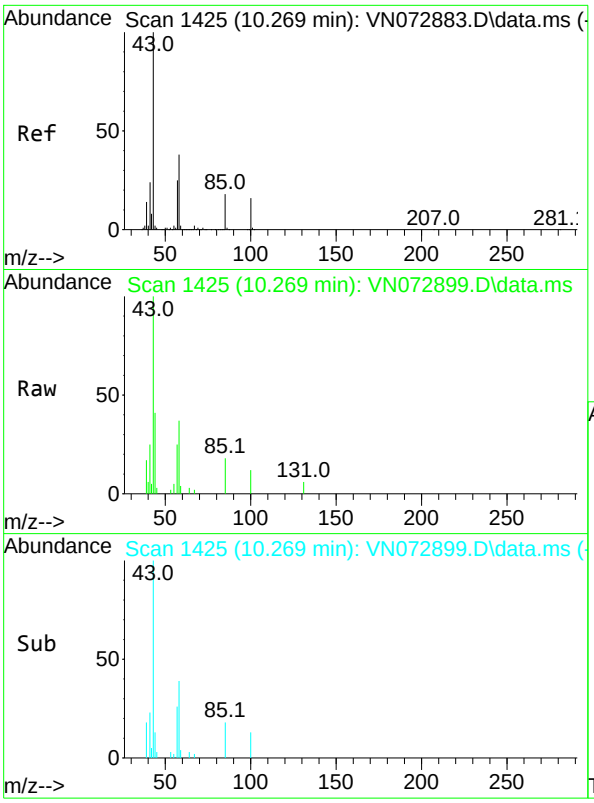


#50
Toluene-d8
Concen: 29.203 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Tgt Ion: 98 Resp: 664542

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.6	78.8



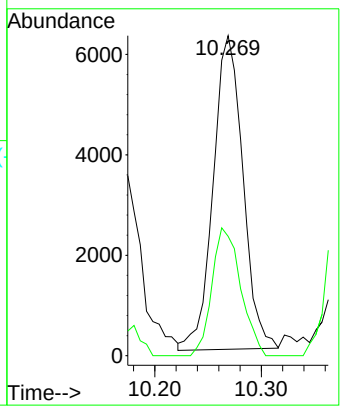


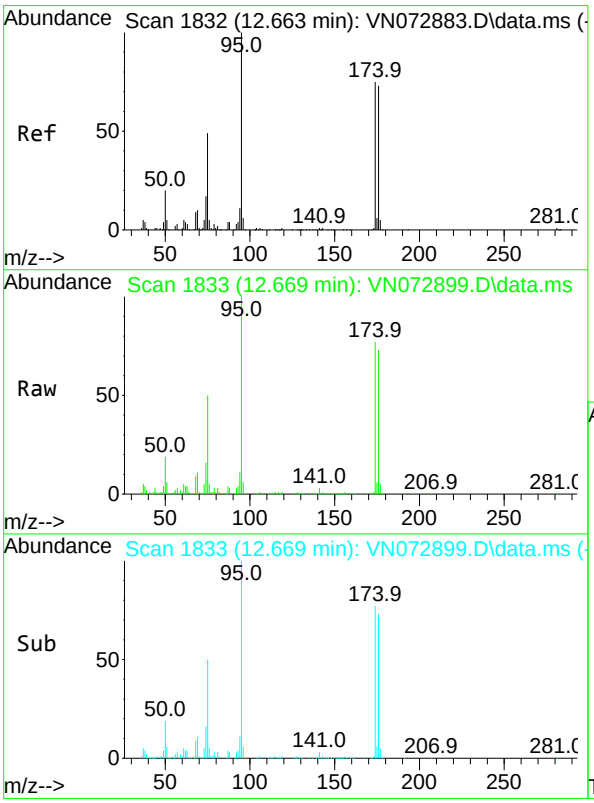
#51
4-Methyl-2-Pentanone
Concen: 1.045 ug/l
RT: 10.269 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion: 43 Resp: 12093

Ion	Ratio	Lower	Upper
43	100		
58	39.3	34.1	51.1

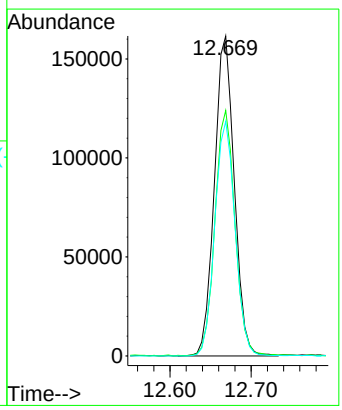


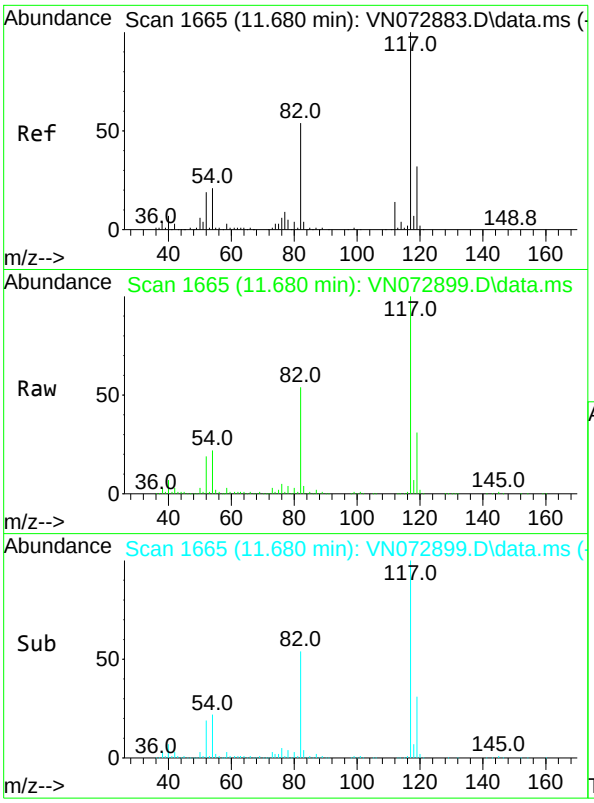


#62
4-Bromofluorobenzene
Concen: 34.859 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Tgt Ion: 95 Resp: 275170

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	167.6
176	74.7	0.0	163.4



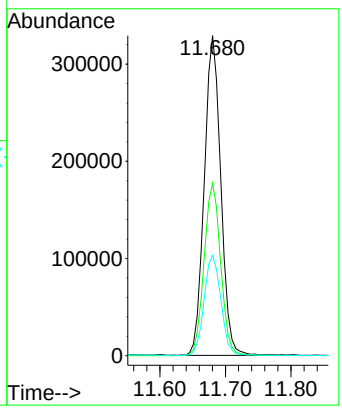


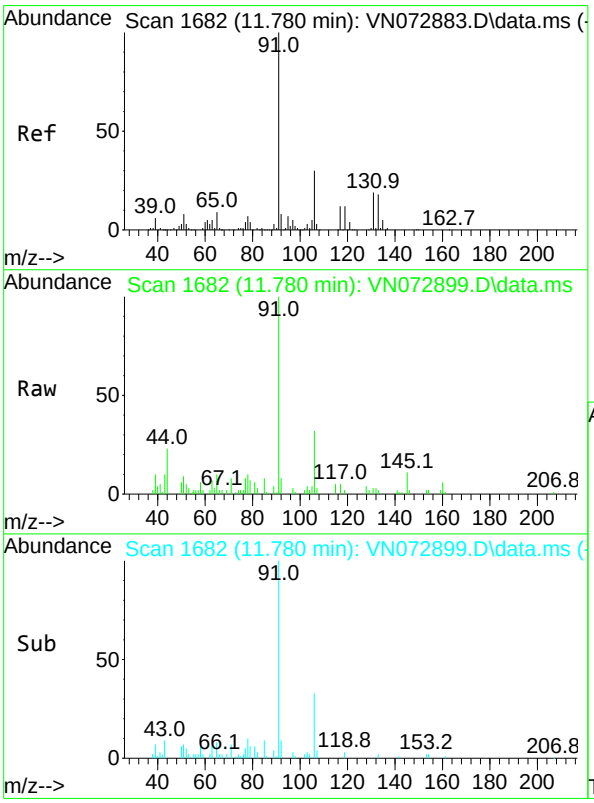
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion:117 Resp: 576588

Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.2	66.2
119	31.3	25.4	38.0

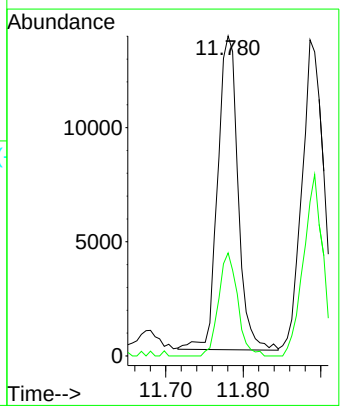


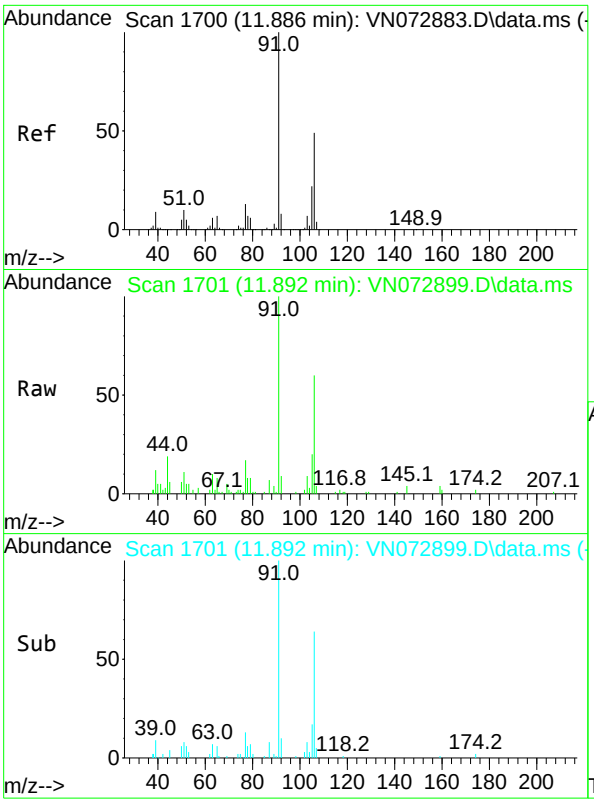


#67
Ethyl Benzene
Concen: 0.938 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Tgt Ion: 91 Resp: 25189

Ion	Ratio	Lower	Upper
91	100		
106	33.0	24.9	37.3



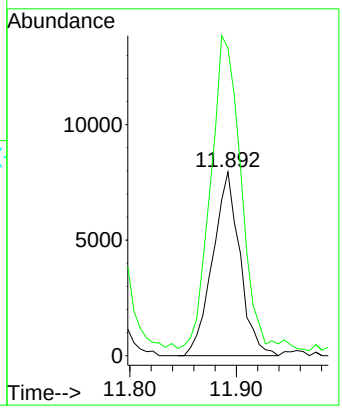


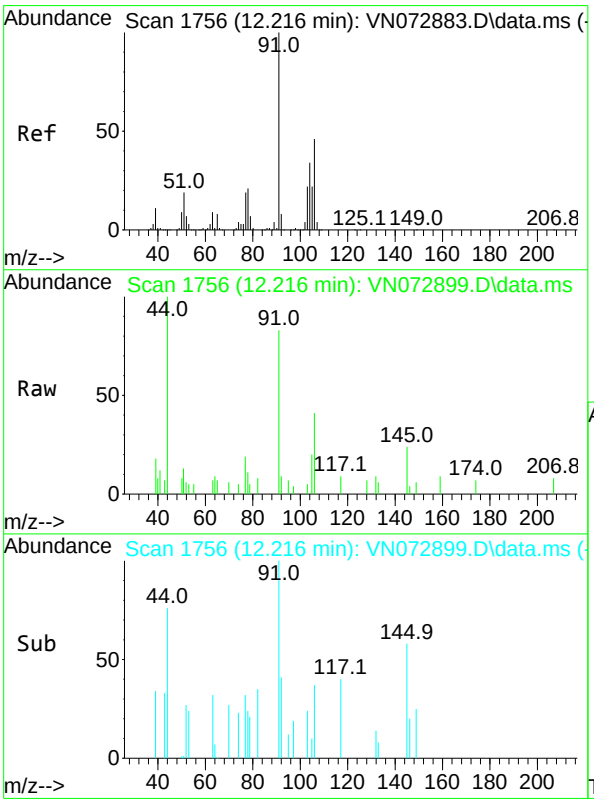
#68
m/p-Xylenes
Concen: 1.368 ug/l
RT: 11.892 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion:106 Resp: 14104

Ion	Ratio	Lower	Upper
106	100		
91	193.2	158.9	238.3

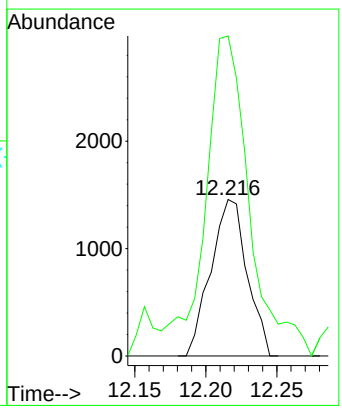


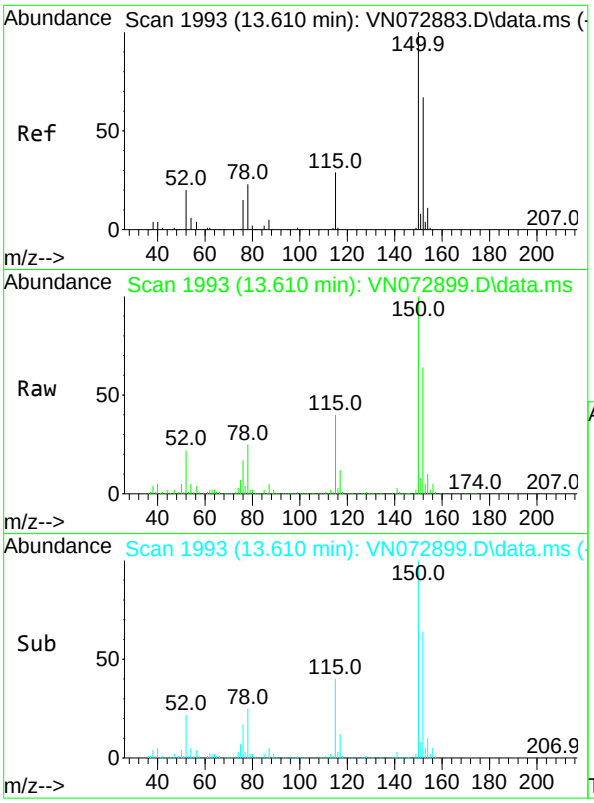


#69
o-Xylene
Concen: 0.245 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Tgt Ion:106 Resp: 2596

Ion	Ratio	Lower	Upper
106	100		
91	247.0	106.0	318.0



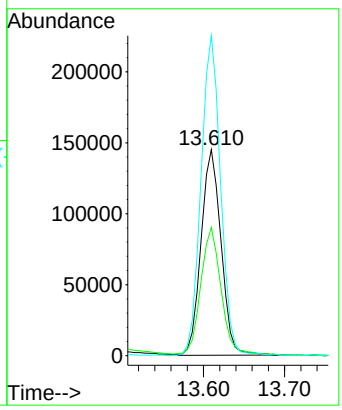


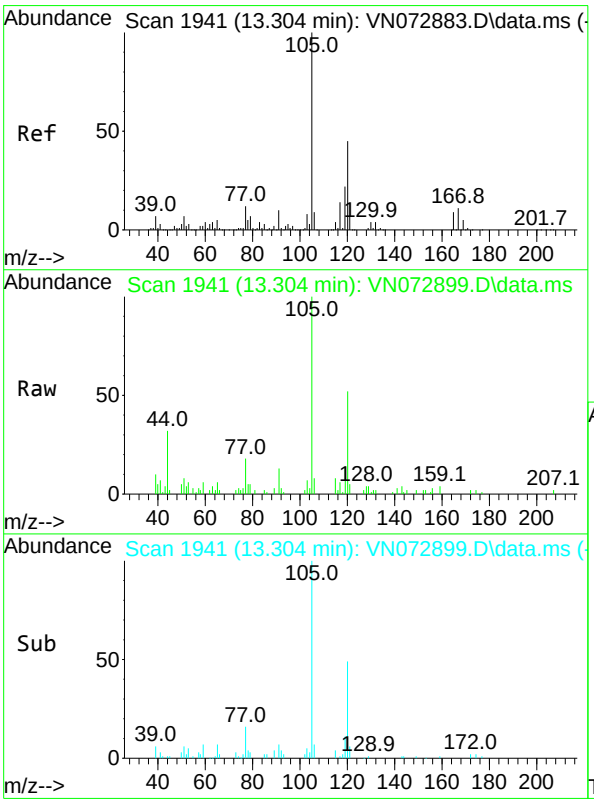
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 247638

Ion	Ratio	Lower	Upper
152	100		
115	63.6	28.9	86.7
150	153.1	0.0	356.2





#84
1,2,4-Trimethylbenzene
Concen: 1.109 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN072899.D
Acq: 16 Jun 2022 23:41

Tgt Ion:105 Resp: 20170

Ion	Ratio	Lower	Upper
105	100		
120	52.6	23.3	69.8