Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
Data File : VX027251.D
Acq On : 01 Mar 2022 16:17
Operator : JC/MD
Sample : N1688-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Quant Time: Mar 02 00:35:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	87071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	143611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51668	49.409	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.820%			
35) Dibromofluoromethane	5.391	113	44953	50.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.860%			
50) Toluene-d8	8.653	98	167530	50.262	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.520%			
62) 4-Bromofluorobenzene	11.079	95	64362	50.306	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.620%			
Target Compounds						Qvalue
16) Acetone	2.386	43	786	1.712	ug/l #	78
19) Methyl tert-butyl Ether	3.123	73	3452	1.187	ug/l #	1
22) Diisopropyl ether	3.763	45	2690	0.925	ug/l #	79
31) Cyclohexane	5.483	56	2189	1.398	ug/l #	94
39) Methylcyclohexane	7.385	83	3237	2.000	ug/l	97
40) Benzene	6.043	78	3151	0.828	ug/l	96
52) Toluene	8.720	92	1905	0.782	ug/l	97
67) Ethyl Benzene	10.195	91	234193	49.577	ug/l	99
68) m/p-Xylenes	10.305	106	77782	42.831	ug/l	97
69) o-Xylene	10.646	106	1738	0.954	ug/l	100
73) Isopropylbenzene	10.963	105	18907	4.141	ug/l	99
78) n-propylbenzene	11.305	91	60348	11.630	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	452743	118.562	ug/l	97
86) p-Isopropyltoluene	12.012	119	1685	0.422	ug/l #	69
89) n-Butylbenzene	12.335	91	5358	1.607	ug/l #	48
95) Naphthalene	13.774	128	143091	31.916	ug/l	100

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

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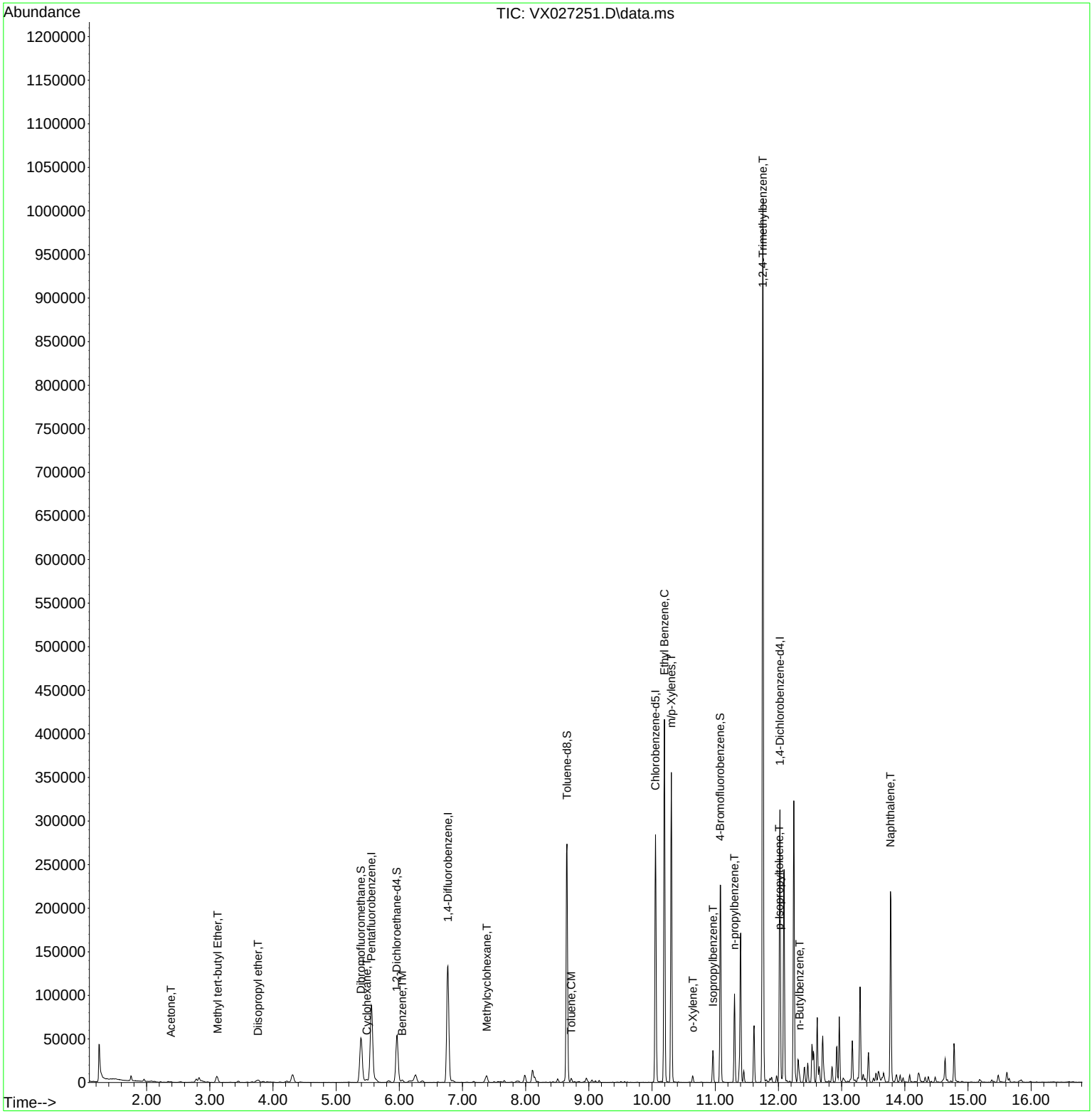
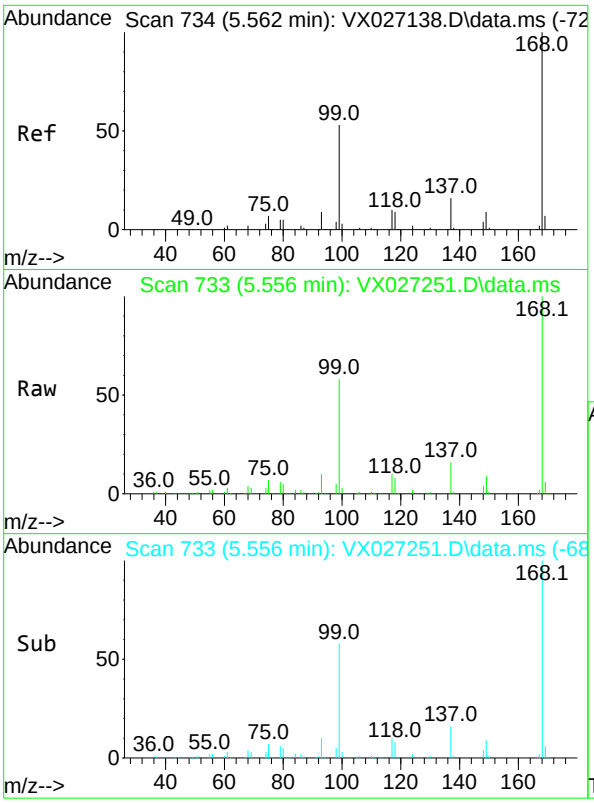
Quant Time: Mar 02 00:35:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration



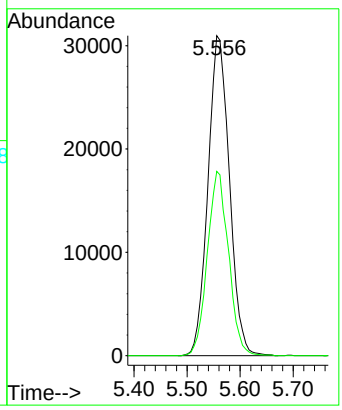


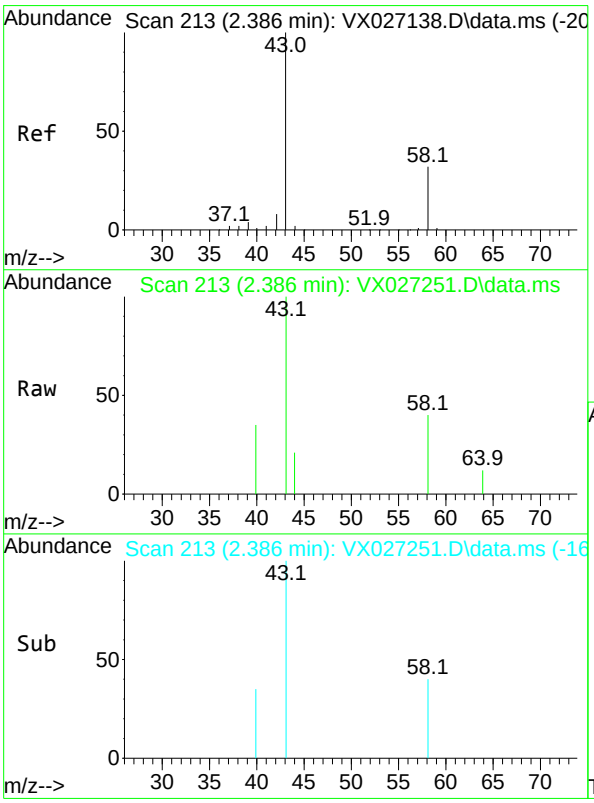
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion:168 Resp: 87071

Ion	Ratio	Lower	Upper
168	100		
99	57.6	50.3	75.5

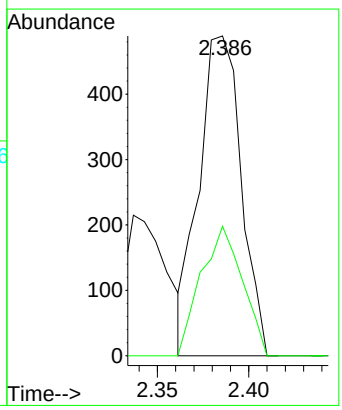


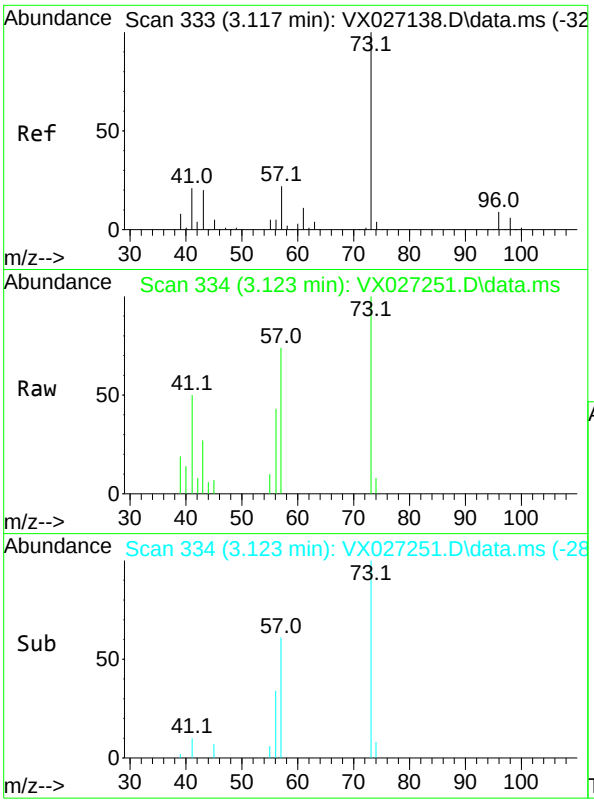


#16
Acetone
Concen: 1.712 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Tgt Ion: 43 Resp: 786

Ion	Ratio	Lower	Upper
43	100		
58	40.5	23.0	34.6#



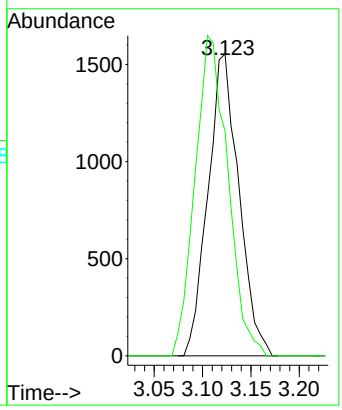


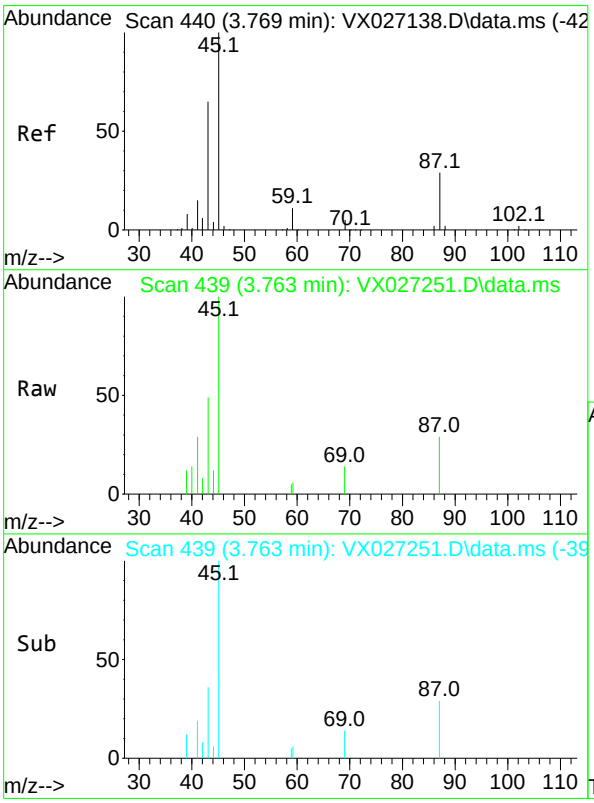
#19
Methyl tert-butyl Ether
Concen: 1.187 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion: 73 Resp: 3452

Ion	Ratio	Lower	Upper
73	100		
57	74.4	17.4	26.2#

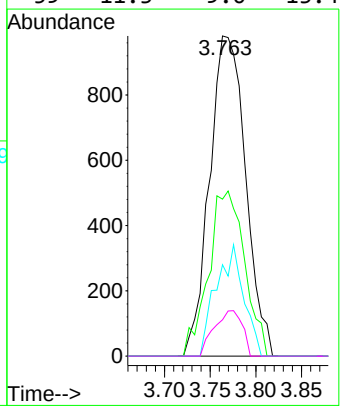


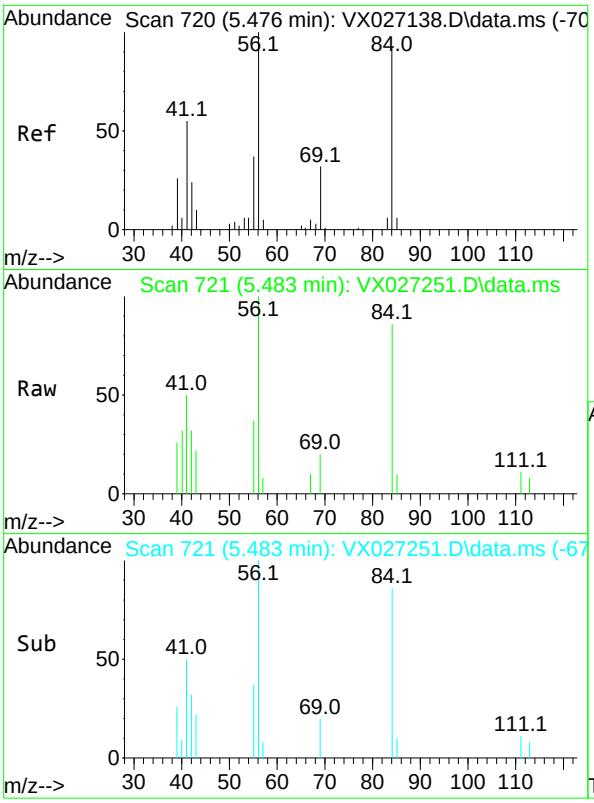


#22
Diisopropyl ether
Concen: 0.925 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Tgt Ion: 45 Resp: 2690

Ion	Ratio	Lower	Upper
45	100		
43	49.0	60.6	91.0#
87	28.5	22.0	33.0
59	11.3	9.0	13.4



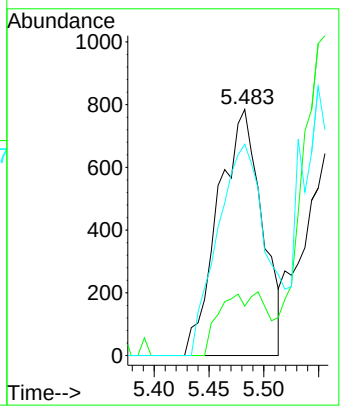


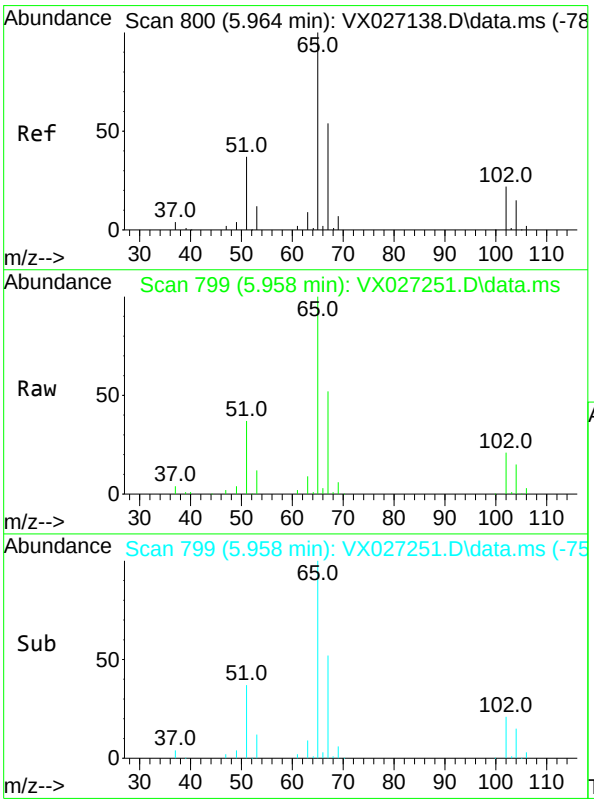
#31
Cyclohexane
Concen: 1.398 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.007 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion: 56 Resp: 2189

Ion	Ratio	Lower	Upper
56	100		
69	20.1	25.8	38.6#
84	85.9	68.9	103.3

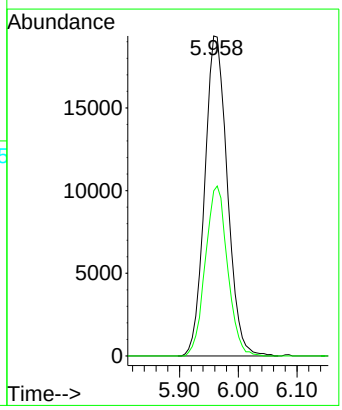


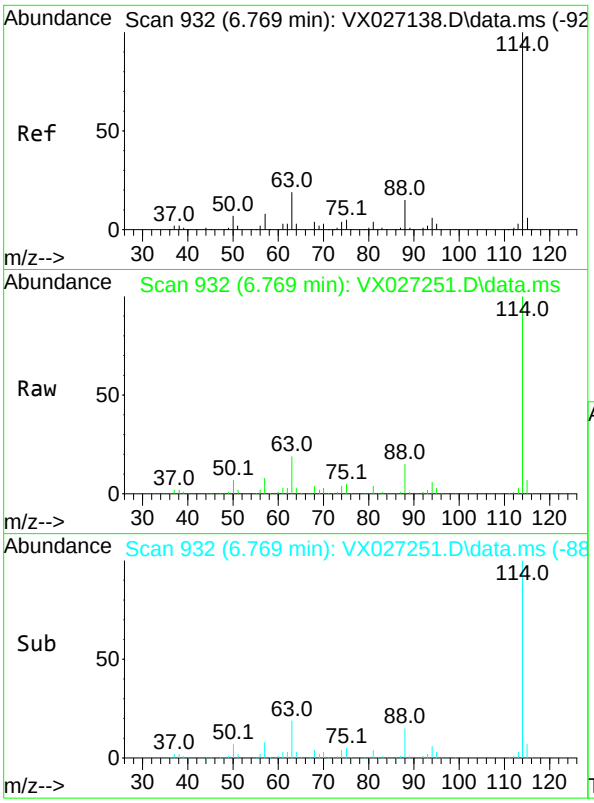


#33
1,2-Dichloroethane-d4
Concen: 49.409 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Tgt Ion: 65 Resp: 51668

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	100.8



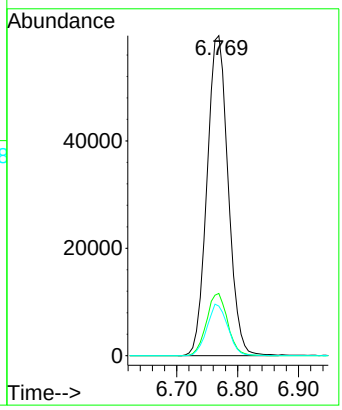


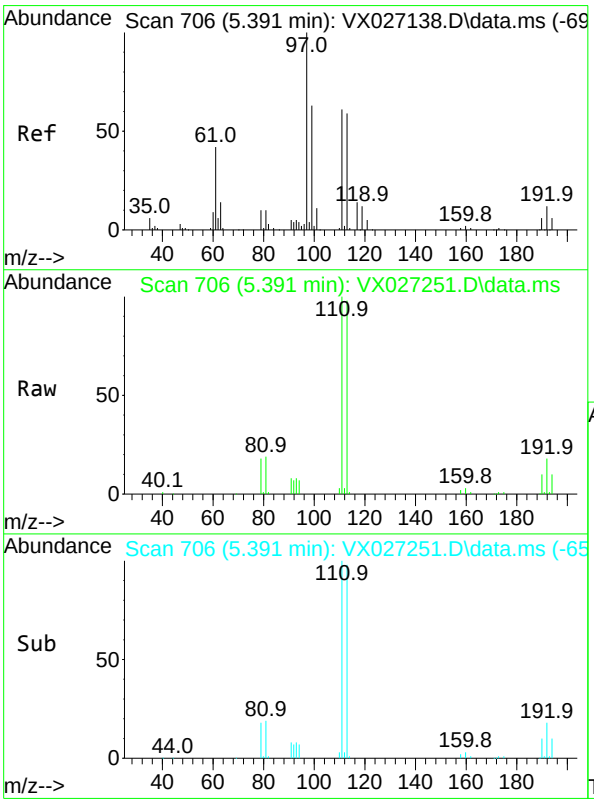
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion:114 Resp: 143611

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.8
88	15.5	0.0	33.0

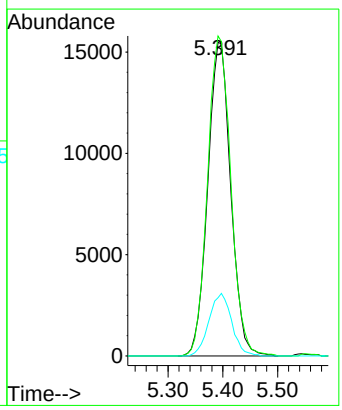


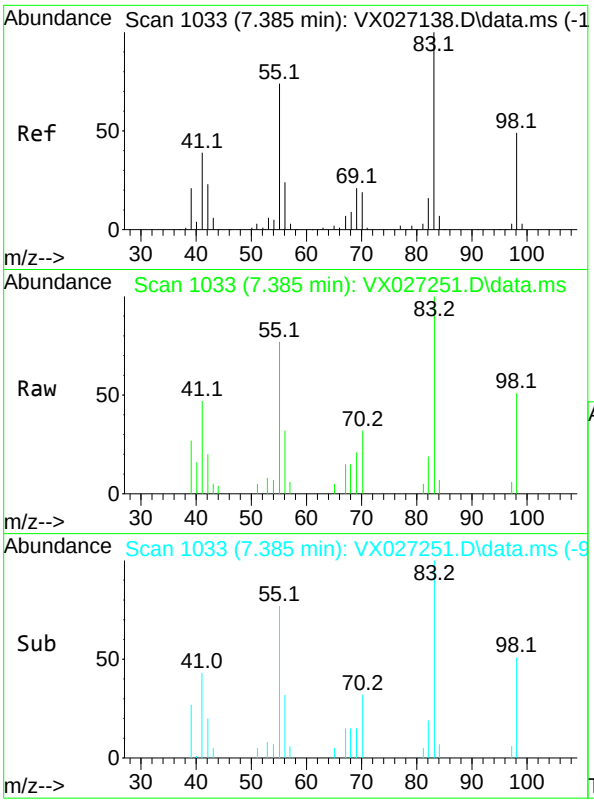


#35
Dibromofluoromethane
Concen: 50.429 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Tgt Ion:113 Resp: 44953

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.2	121.8
192	19.8	15.0	22.4



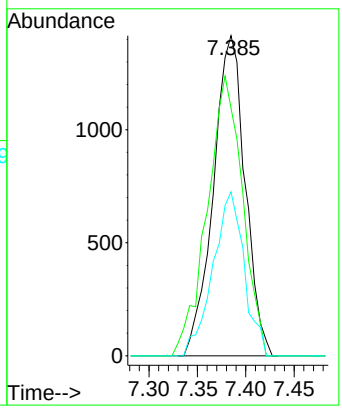


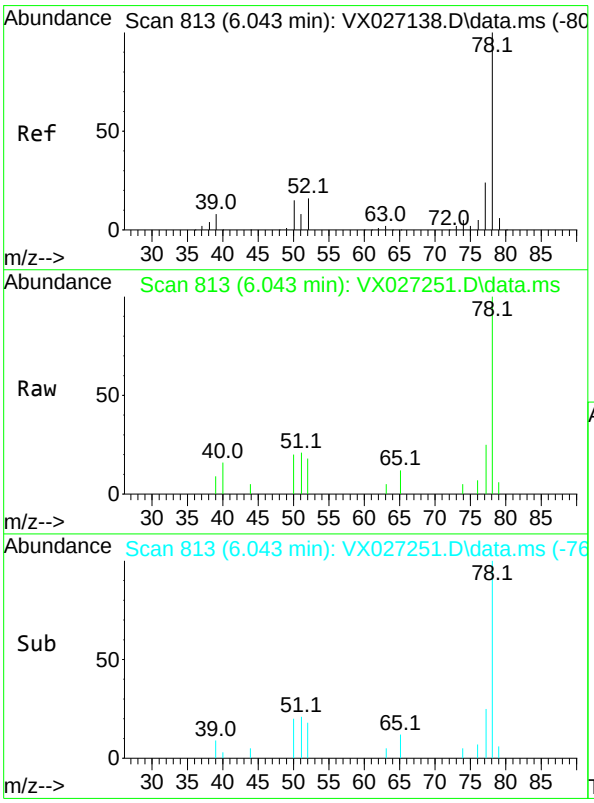
#39
Methylcyclohexane
Concen: 2.000 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion: 83 Resp: 3237

Ion	Ratio	Lower	Upper
83	100		
55	77.4	63.6	95.4
98	51.2	38.4	57.6

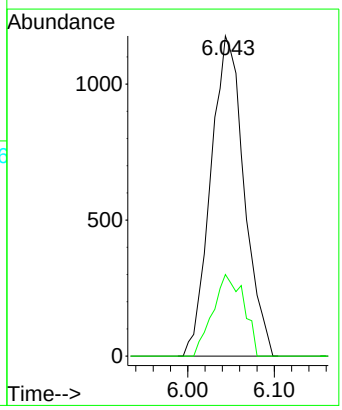


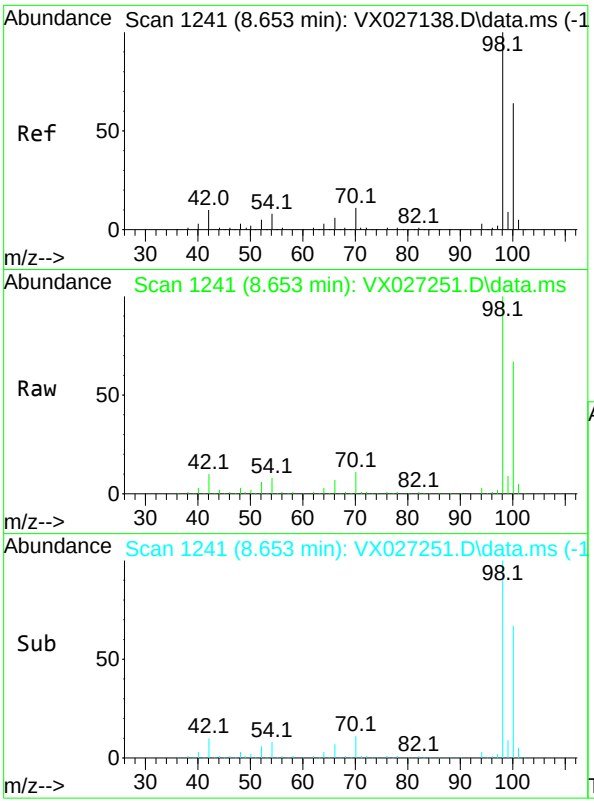


#40
Benzene
Concen: 0.828 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Tgt Ion: 78 Resp: 3151

Ion	Ratio	Lower	Upper
78	100		
77	25.5	18.9	28.3



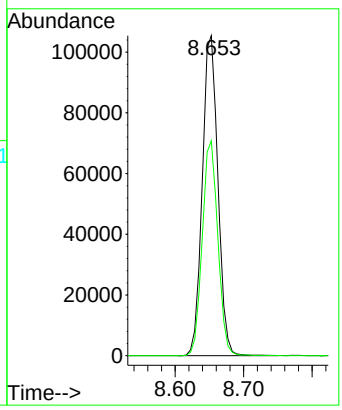


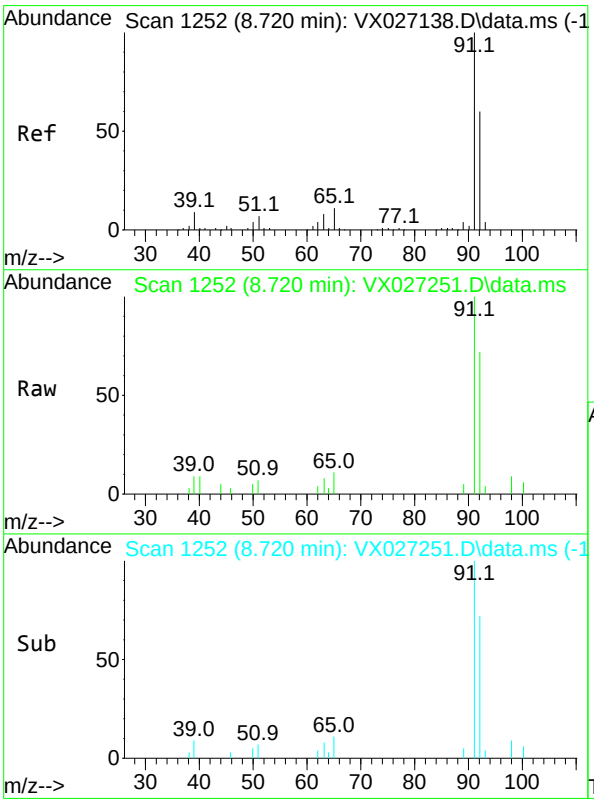
#50
Toluene-d8
Concen: 50.262 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion: 98 Resp: 167530

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.2	79.8

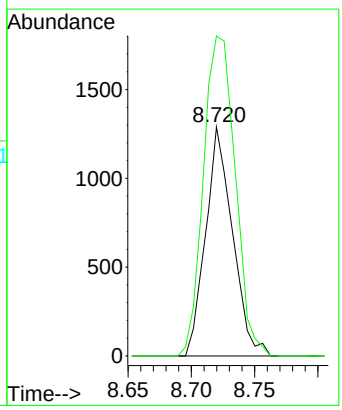


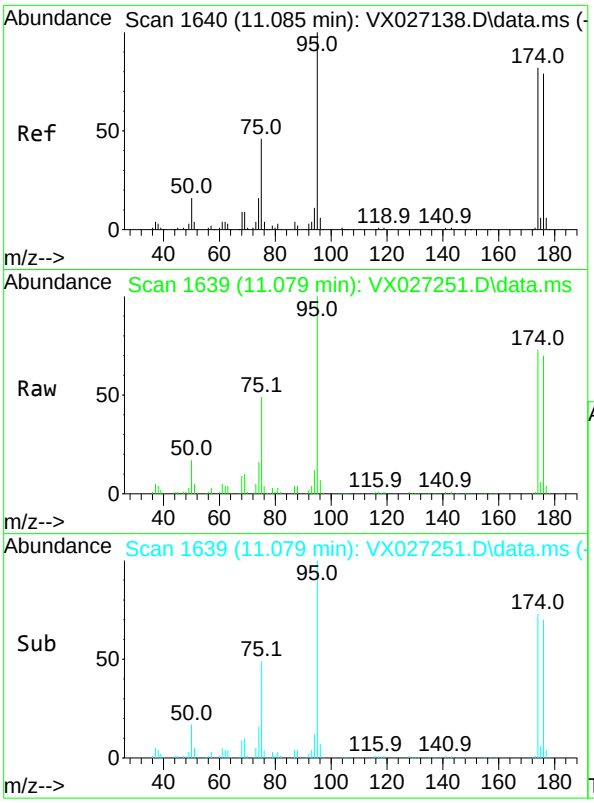


#52
Toluene
Concen: 0.782 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Tgt Ion: 92 Resp: 1905

Ion	Ratio	Lower	Upper
92	100		
91	165.4	135.7	203.5



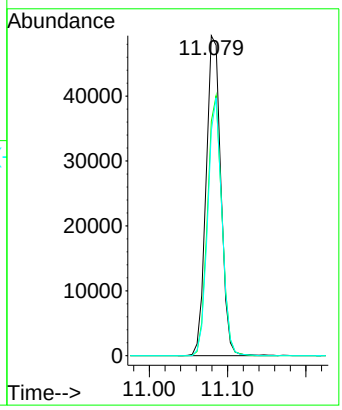


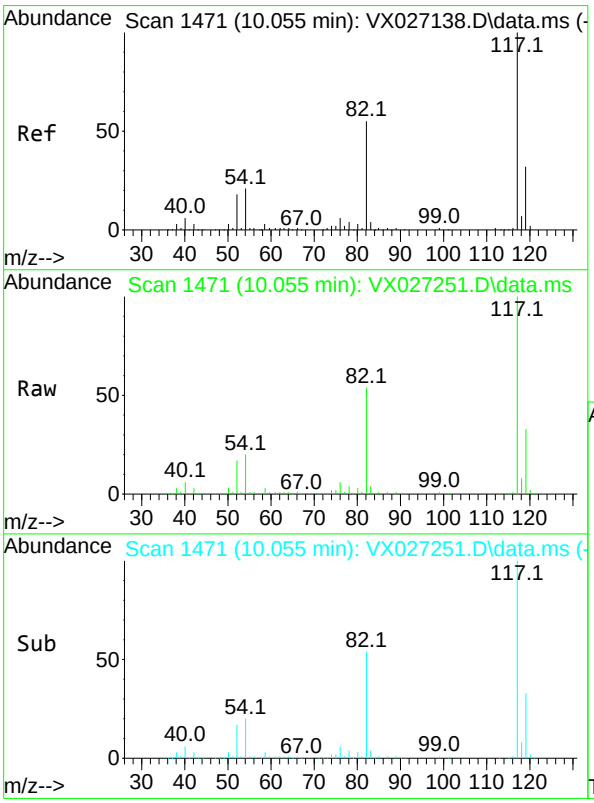
#62
4-Bromofluorobenzene
Concen: 50.306 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion: 95 Resp: 64362

Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	148.6
176	77.0	0.0	141.4

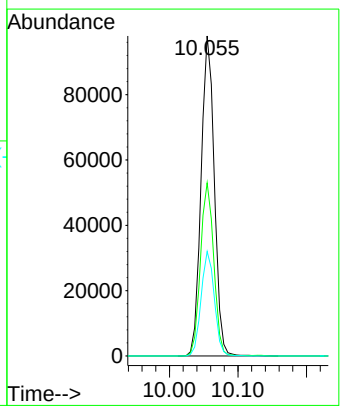


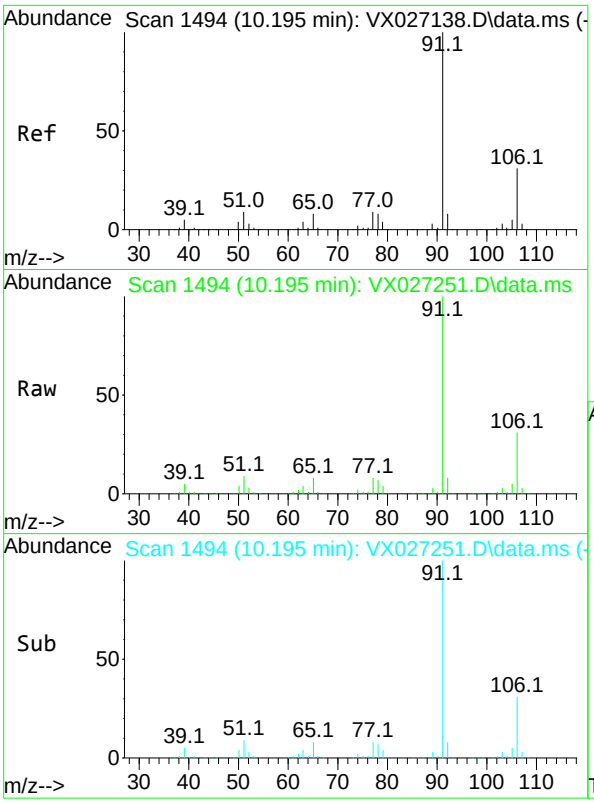


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Tgt Ion:117 Resp: 132005

Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.2	67.8
119	32.7	26.2	39.2



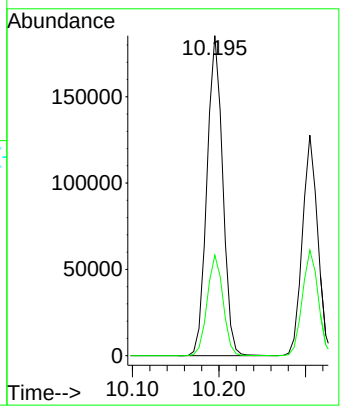


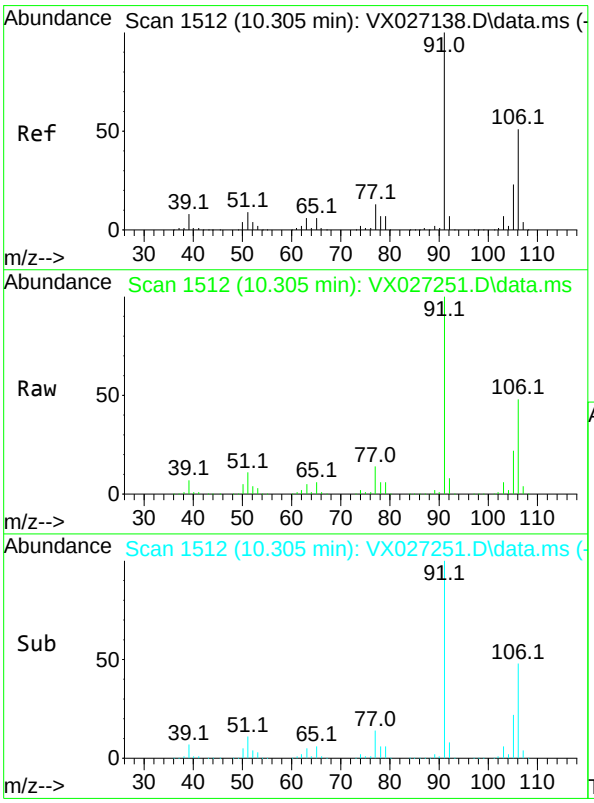
#67
Ethyl Benzene
Concen: 49.577 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion: 91 Resp: 234193

Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.7	37.1

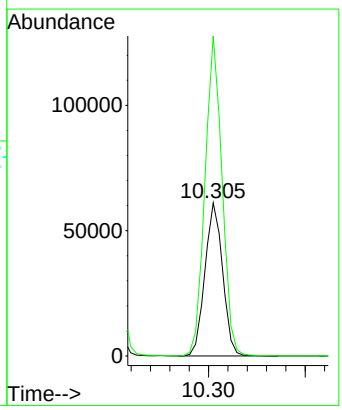


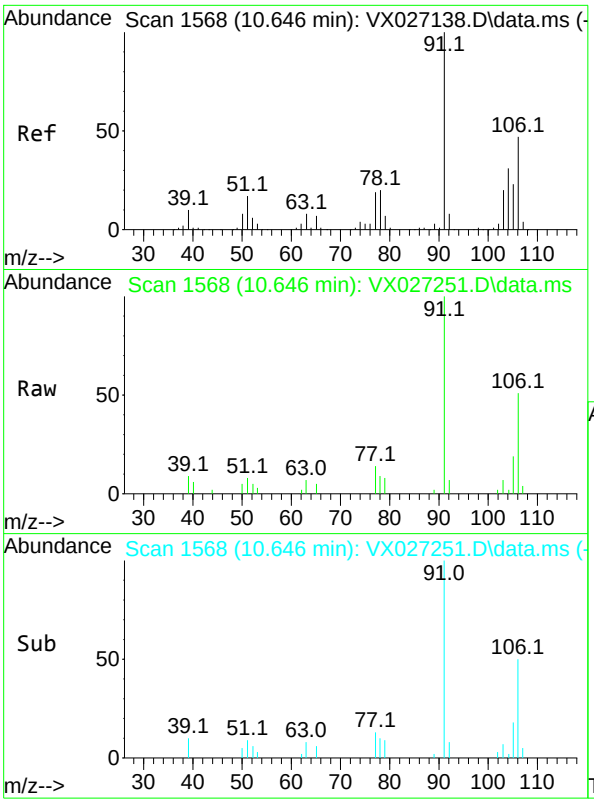


#68
m/p-Xylenes
Concen: 42.831 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Tgt Ion:106 Resp: 77782

Ion	Ratio	Lower	Upper
106	100		
91	202.1	165.3	247.9



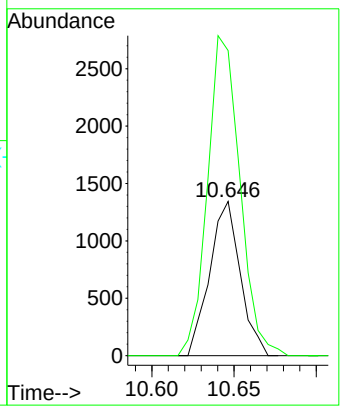


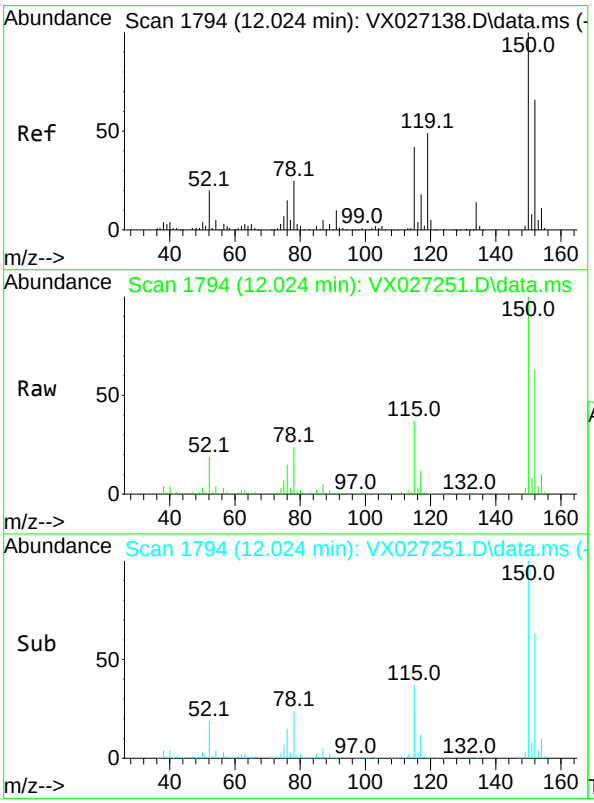
#69
o-Xylene
Concen: 0.954 ug/l
RT: 10.646 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion:106 Resp: 1738

Ion	Ratio	Lower	Upper
106	100		
91	219.7	109.7	329.0

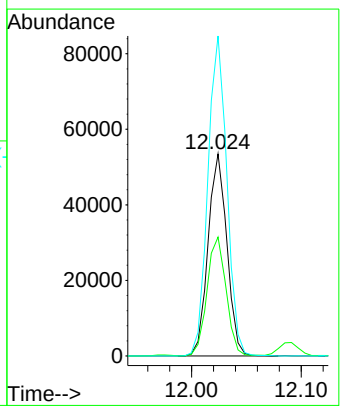


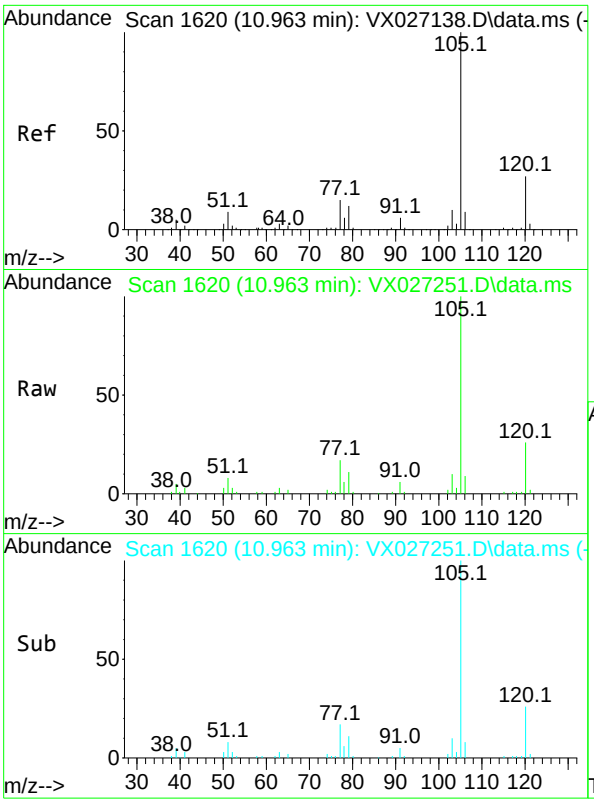


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Tgt Ion:152 Resp: 63803

Ion	Ratio	Lower	Upper
152	100		
115	59.4	44.2	132.6
150	159.6	0.0	348.2



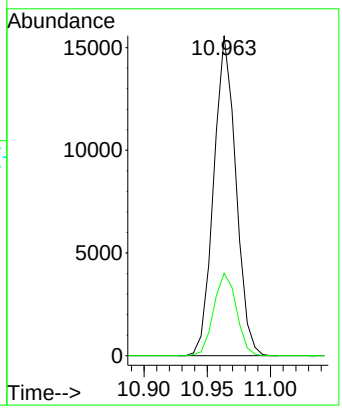


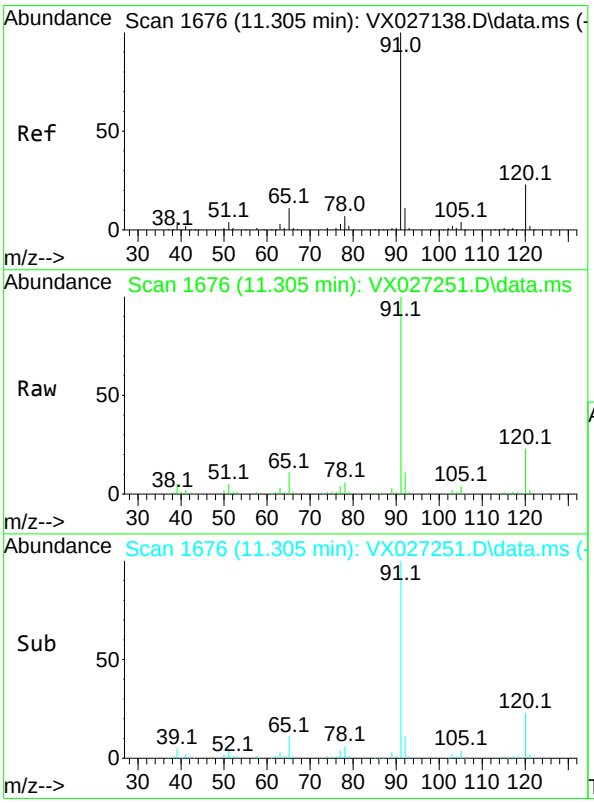
#73
Isopropylbenzene
Concen: 4.141 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion:105 Resp: 18907

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.1

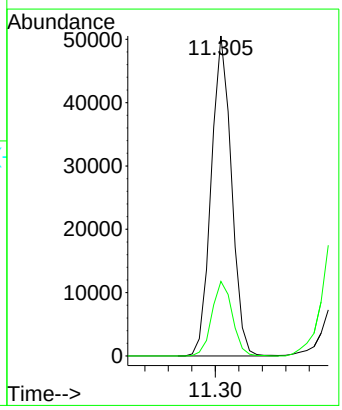


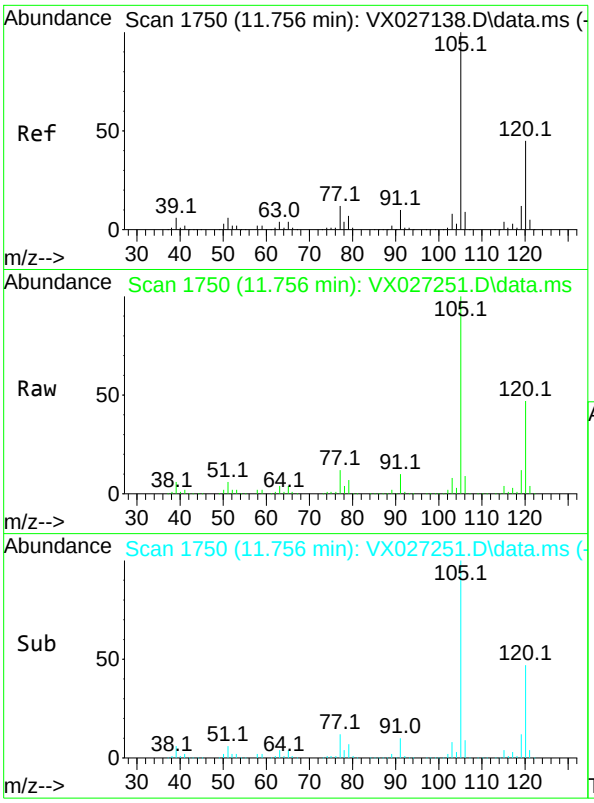


#78
n-propylbenzene
Concen: 11.630 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Tgt Ion: 91 Resp: 60348

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.6	34.7



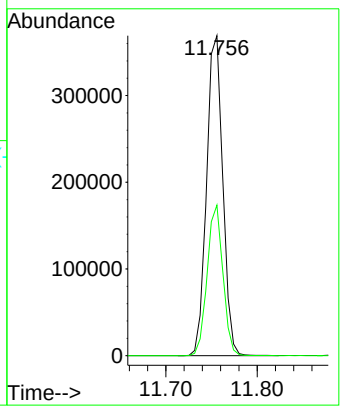


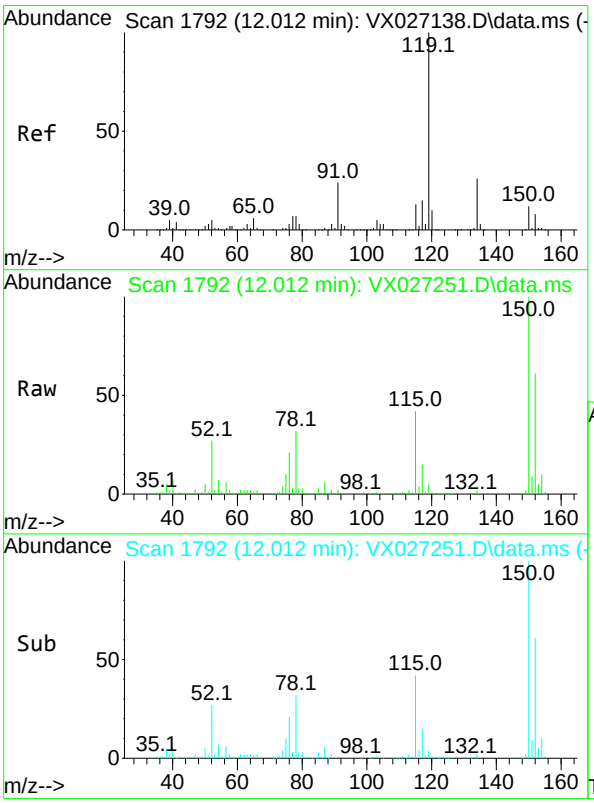
#84
1,2,4-Trimethylbenzene
Concen: 118.562 ug/l
RT: 11.756 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion:105 Resp: 452743

Ion	Ratio	Lower	Upper
105	100		
120	45.8	21.9	65.5

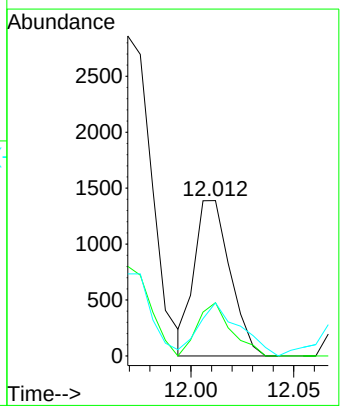


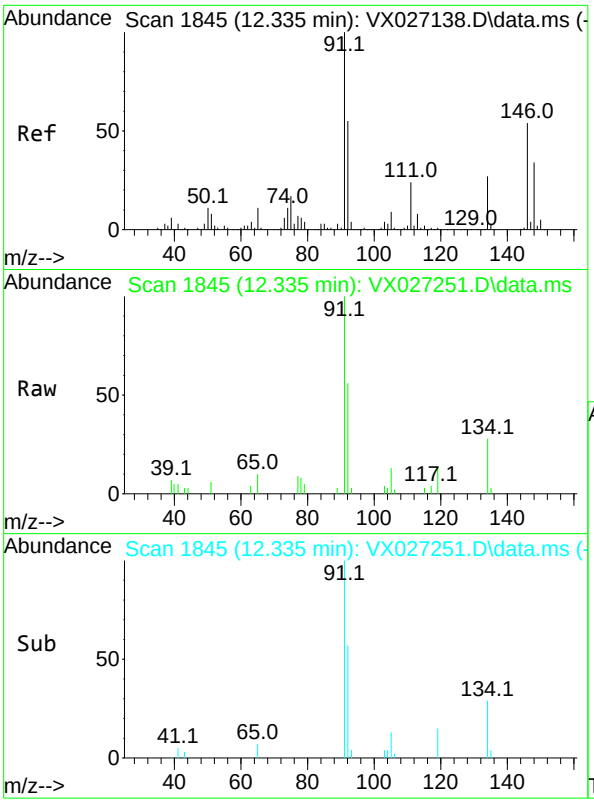


#86
p-Isopropyltoluene
Concen: 0.422 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Tgt Ion:119 Resp: 1685

Ion	Ratio	Lower	Upper
119	100		
134	32.5	13.0	39.0
91	0.0	12.6	37.6#



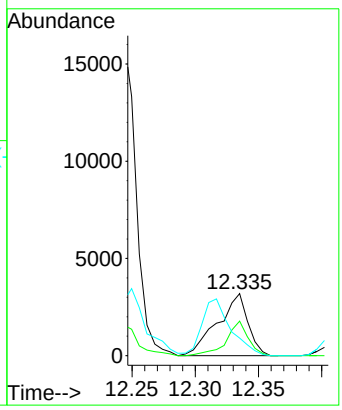


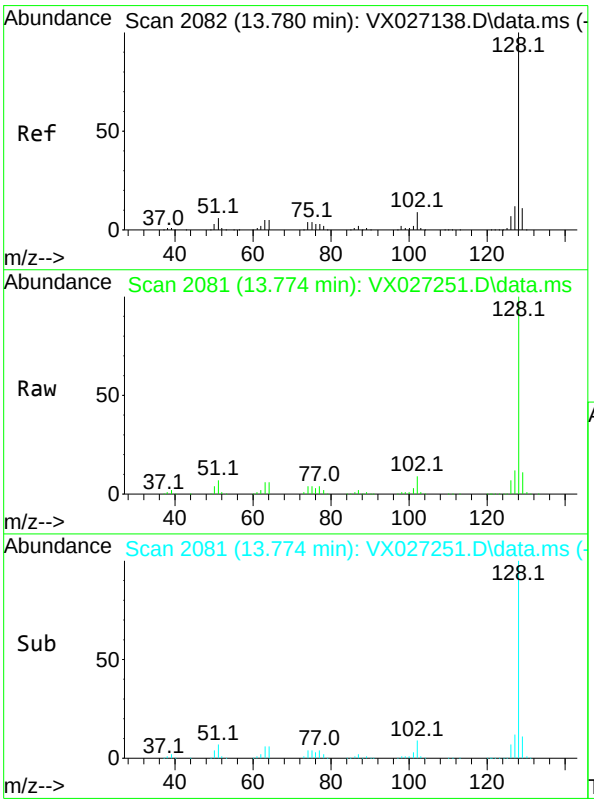
#89
n-Butylbenzene
Concen: 1.607 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion: 91 Resp: 5358

Ion	Ratio	Lower	Upper
91	100		
92	39.9	27.2	81.6
134	86.4	13.1	39.1#





#95
Naphthalene
Concen: 31.916 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027251.D
Acq: 01 Mar 2022 16:17

Tgt Ion:128 Resp: 143091

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.0	8.7	13.1