Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
Data File : VX034652.D
Acq On : 21 Mar 2023 14:16
Operator : JC/MD
Sample : 02013-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
215

Quant Time: Mar 22 02:04:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	240307	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	404021	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	366282	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171934	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65	164298	46.996	ug/l		0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.000%				
35) Dibromofluoromethane	5.385	113	125826	47.169	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.340%				
50) Toluene-d8	8.647	98	487174	48.922	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.840%				
62) 4-Bromofluorobenzene	11.079	95	182254	45.311	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.620%				
Target Compounds							Qvalue
11) Tert butyl alcohol	2.946	59	4990	6.854	ug/l		96
16) Acetone	2.373	43	140203	85.138	ug/l		99
17) Carbon Disulfide	2.514	76	8370	1.131	ug/l		98
18) Methyl Acetate	2.703	43	2114	0.393	ug/l		99
25) 2-Butanone	4.556	43	136326	57.856	ug/l		100
29) Tetrahydrofuran	5.001	42	62989	43.322	ug/l		99
52) Toluene	8.720	92	116182	15.657	ug/l		99
59) 2-Hexanone	9.433	43	17711	5.209	ug/l		97
67) Ethyl Benzene	10.195	91	4039	0.281	ug/l		91
68) m/p-Xylenes	10.299	106	13645	2.469	ug/l		95
69) o-Xylene	10.640	106	4827	0.870	ug/l		90
70) Styrene	10.659	104	2889	0.323	ug/l	#	75
73) Isopropylbenzene	10.963	105	18038	1.357	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	3218	0.289	ug/l		91
84) 1,2,4-Trimethylbenzene	11.756	105	8663	0.761	ug/l		83
86) p-Isopropyltoluene	12.006	119	11198	0.970	ug/l		95
95) Naphthalene	13.774	128	20935	1.654	ug/l	#	88

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
Data File : VX034652.D
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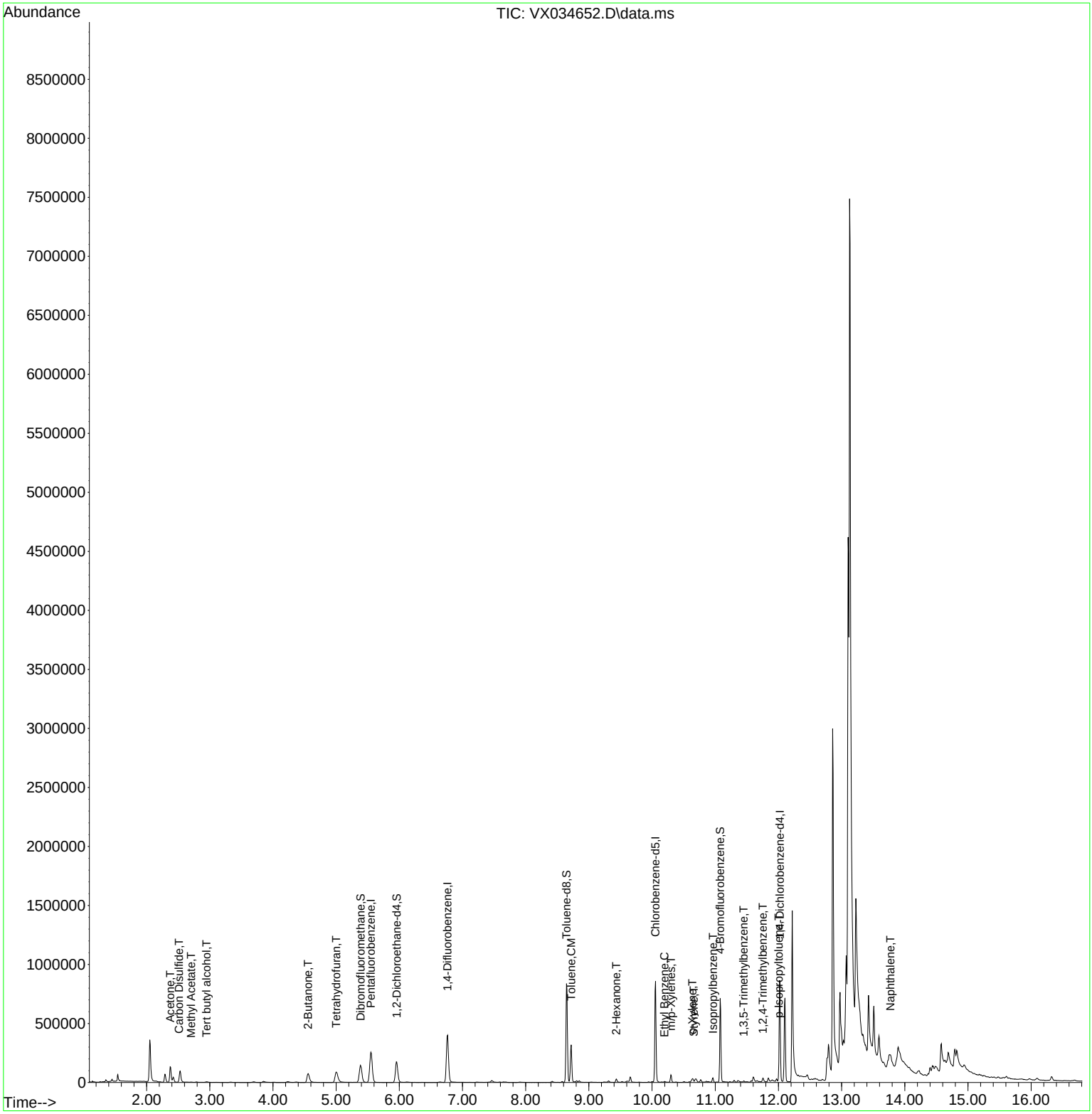
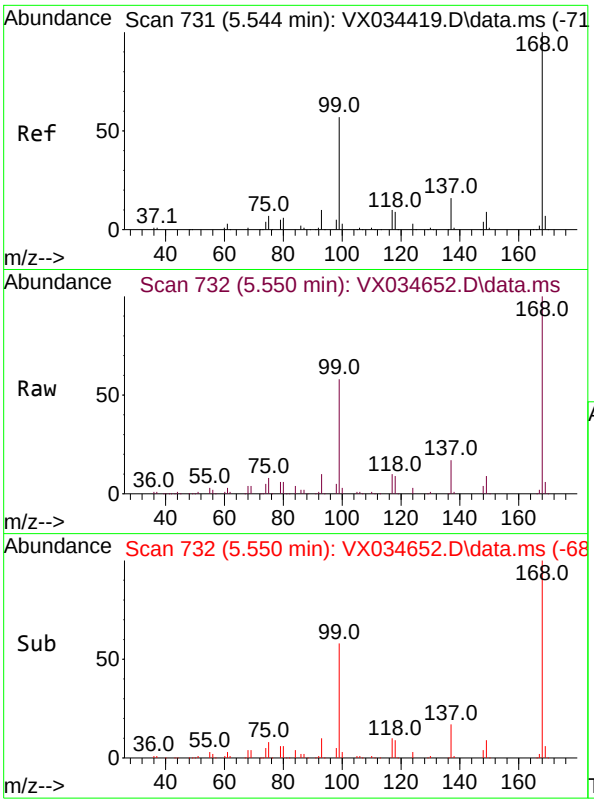
Operator : JC/MD
Sample : 02013-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
215

Quant Time: Mar 22 02:04:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration



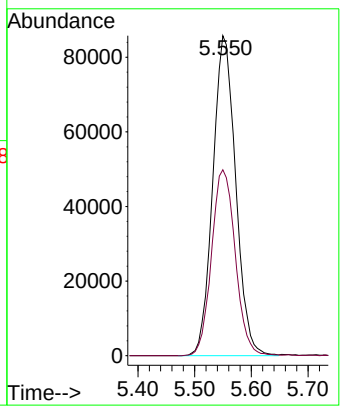


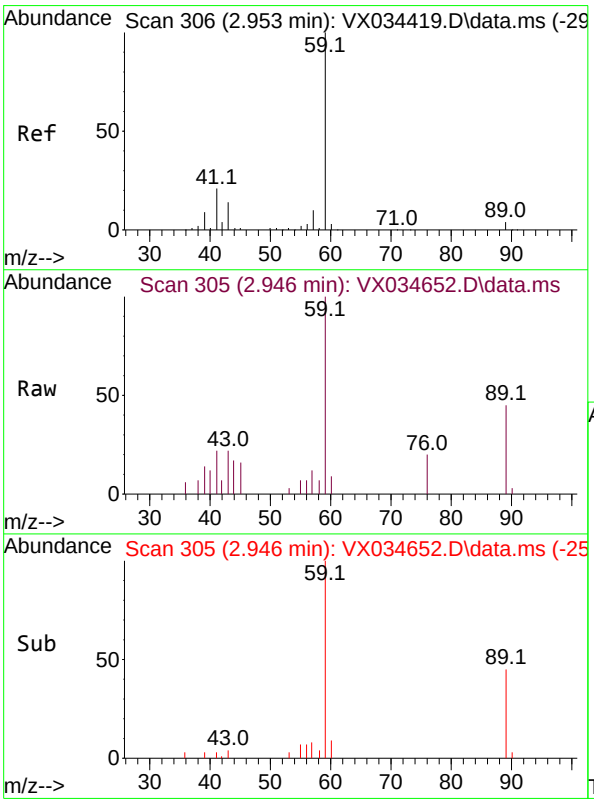
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
215

Tgt Ion:168 Resp: 240307

Ion	Ratio	Lower	Upper
168	100		
99	58.1	45.7	68.5

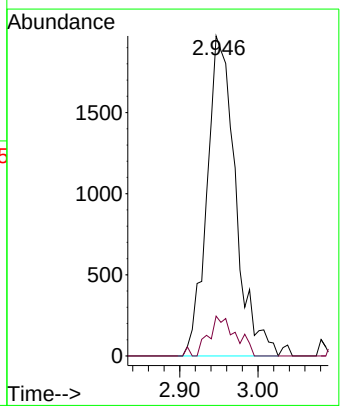


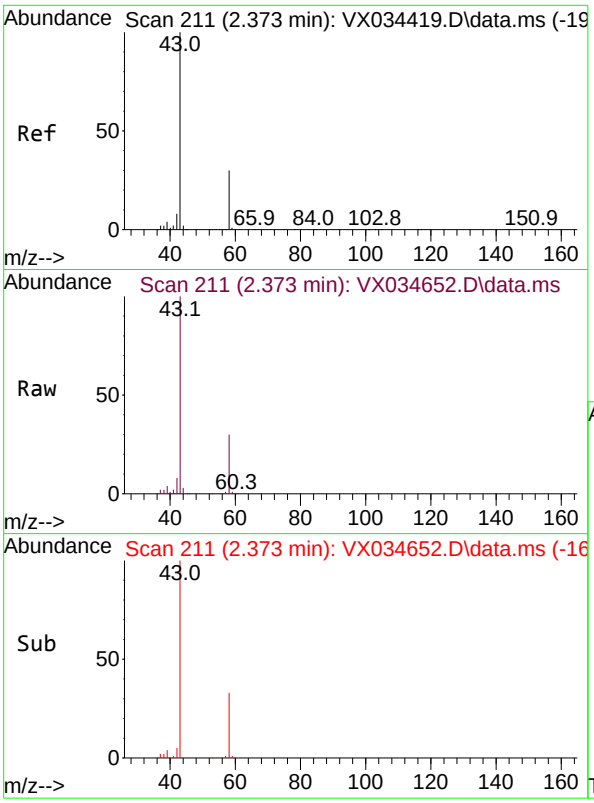


#11
Tert butyl alcohol
Concen: 6.854 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Tgt Ion: 59 Resp: 4990

Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.1	12.1



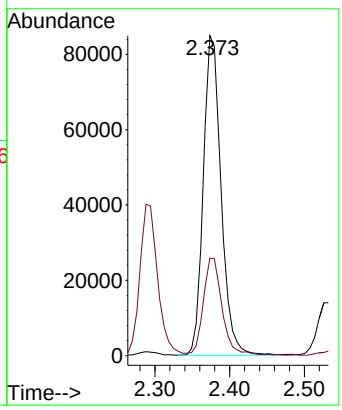


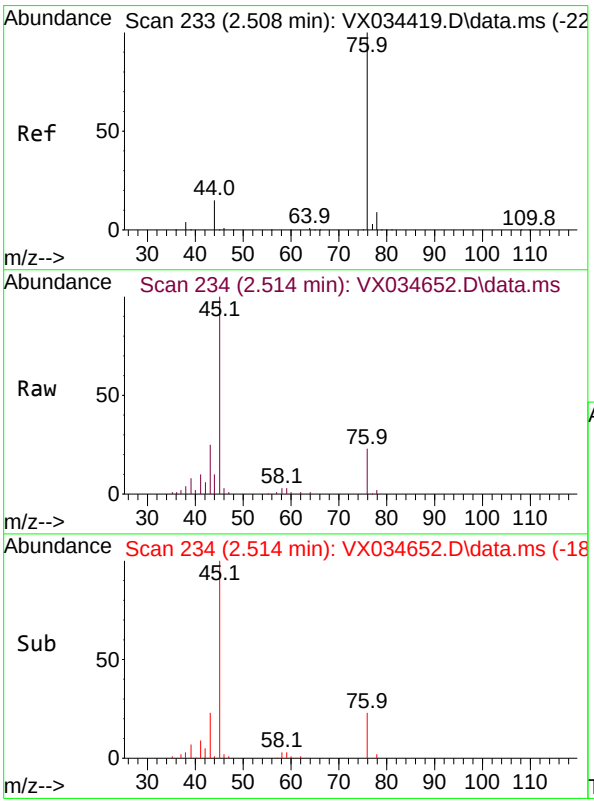
#16
Acetone
Concen: 85.138 ug/l
RT: 2.373 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
215

Tgt Ion: 43 Resp: 140203

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.7	37.1

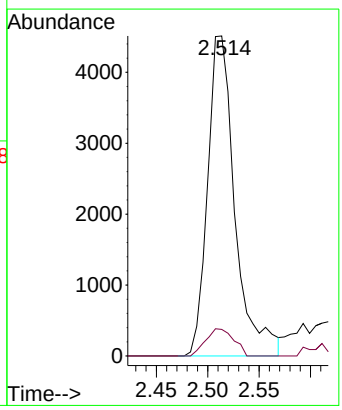


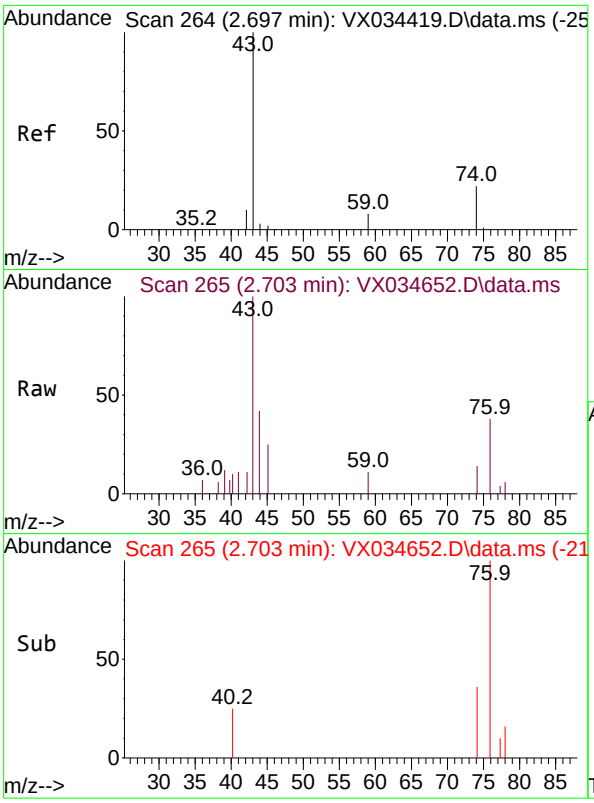


#17
Carbon Disulfide
Concen: 1.131 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Tgt Ion: 76 Resp: 8370

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.2	10.8



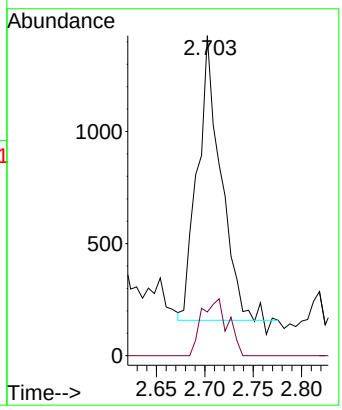


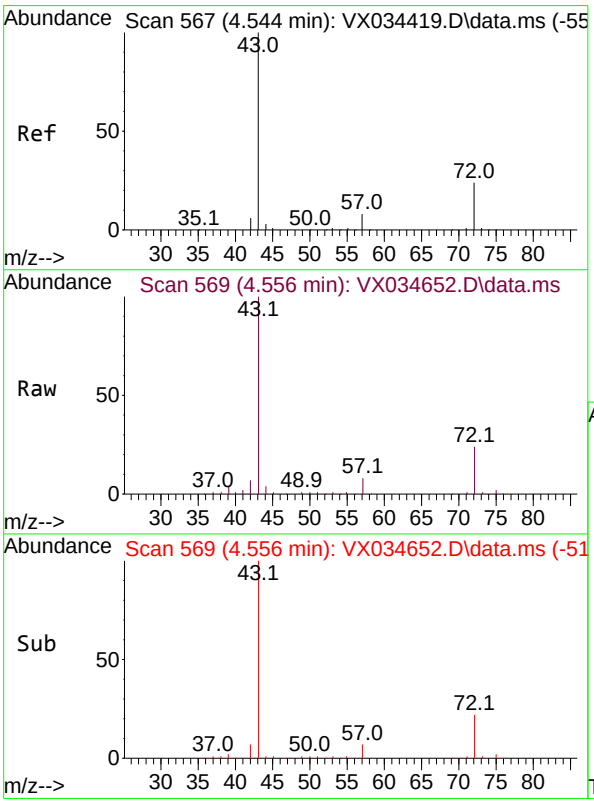
#18
Methyl Acetate
Concen: 0.393 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
215

Tgt Ion: 43 Resp: 2114

Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.3	27.5

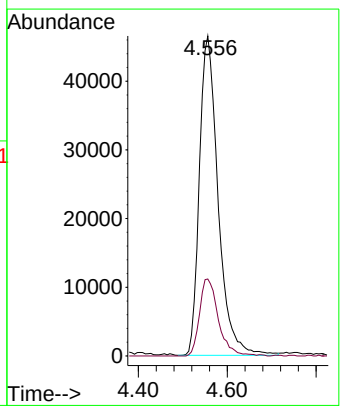


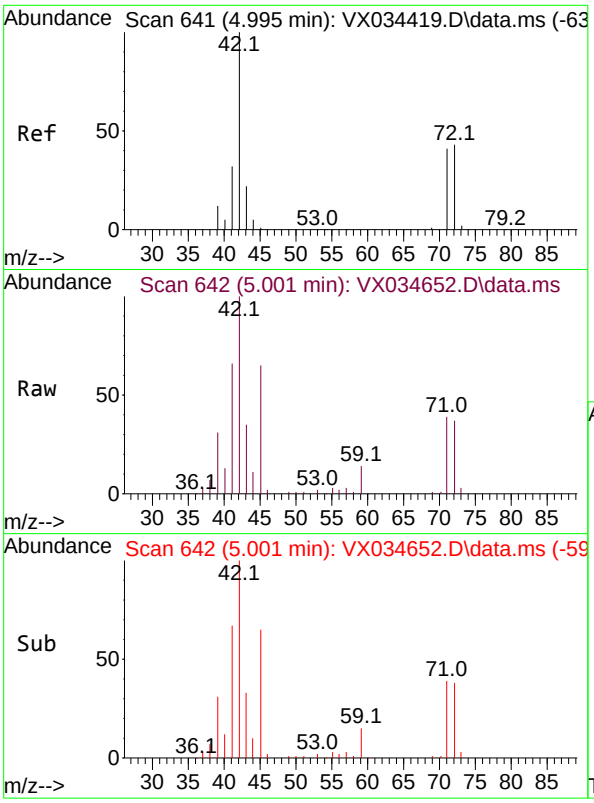


#25
2-Butanone
Concen: 57.856 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Tgt Ion: 43 Resp: 136326

Ion	Ratio	Lower	Upper
43	100		
72	24.1	19.3	28.9



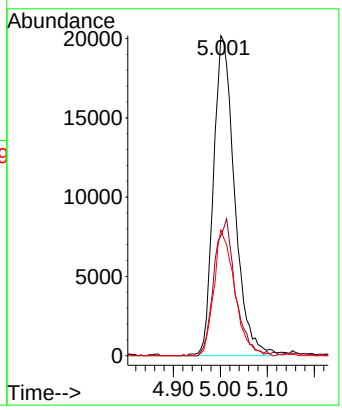


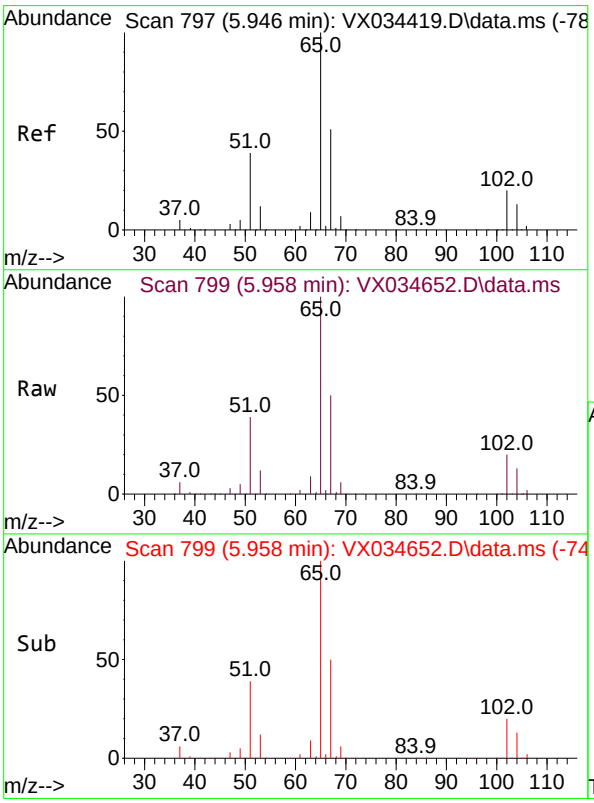
#29
Tetrahydrofuran
Concen: 43.322 ug/l
RT: 5.001 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
215

Tgt Ion: 42 Resp: 62989

Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.5	51.7
71	38.8	32.1	48.1

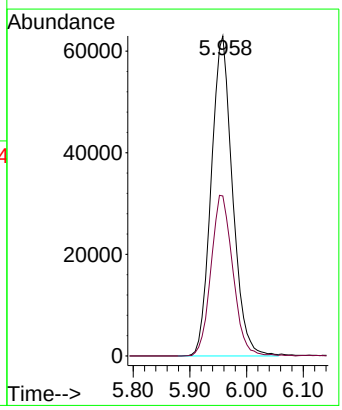


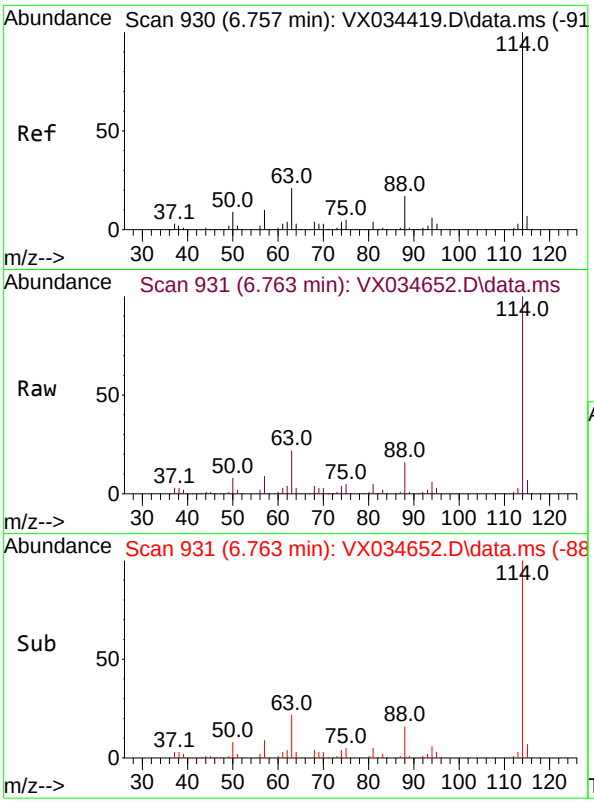


#33
1,2-Dichloroethane-d4
Concen: 46.996 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Tgt Ion: 65 Resp: 164298

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.0



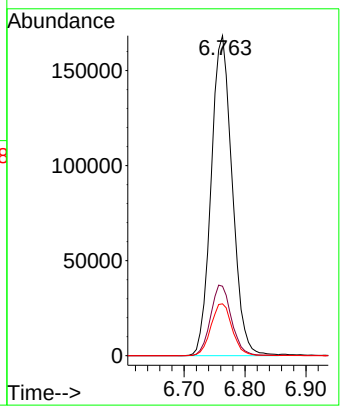


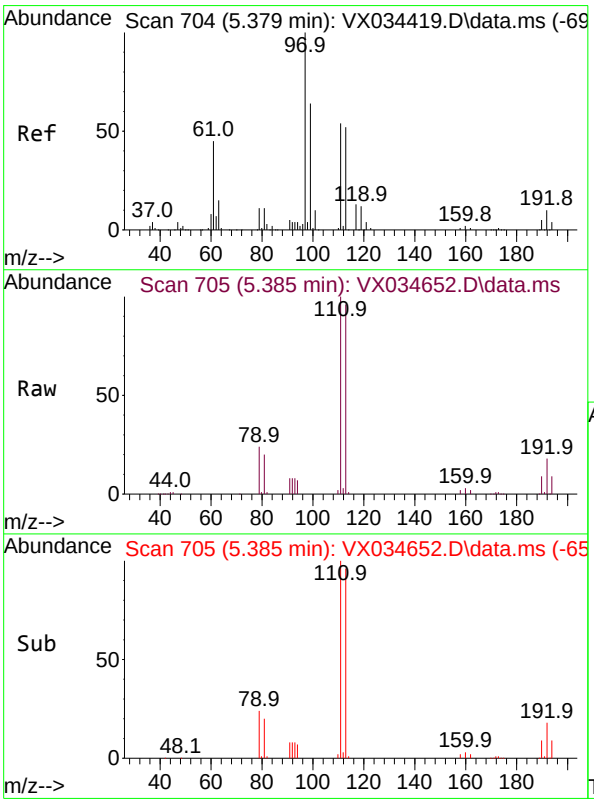
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
215

Tgt Ion:114 Resp: 404021

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	42.2
88	16.2	0.0	33.2

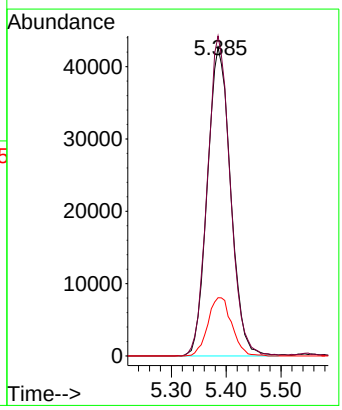


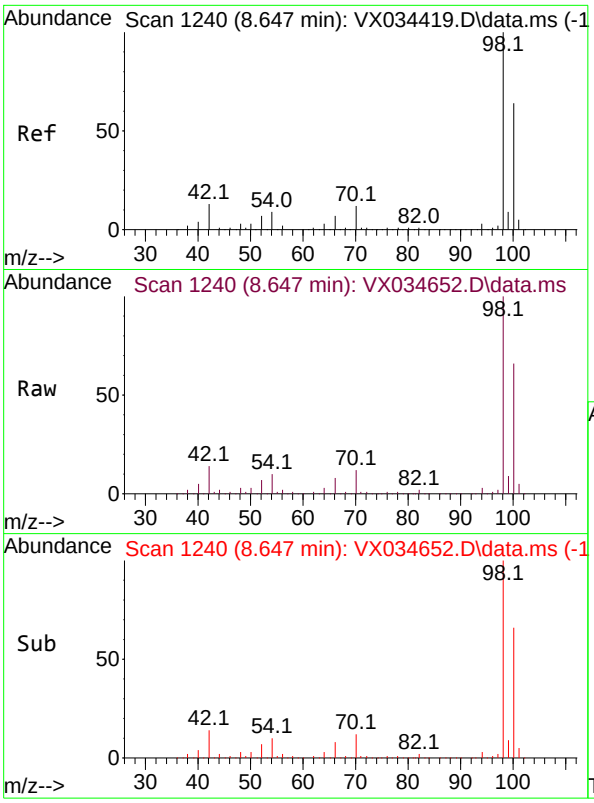


#35
Dibromofluoromethane
Concen: 47.169 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Tgt Ion:113 Resp: 125826

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.7	125.5
192	19.4	15.4	23.2



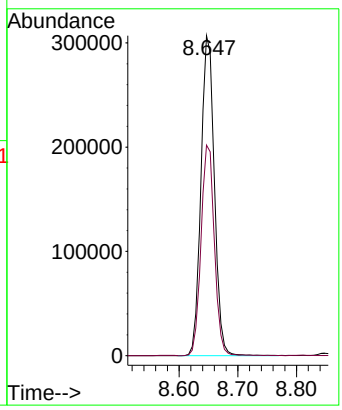


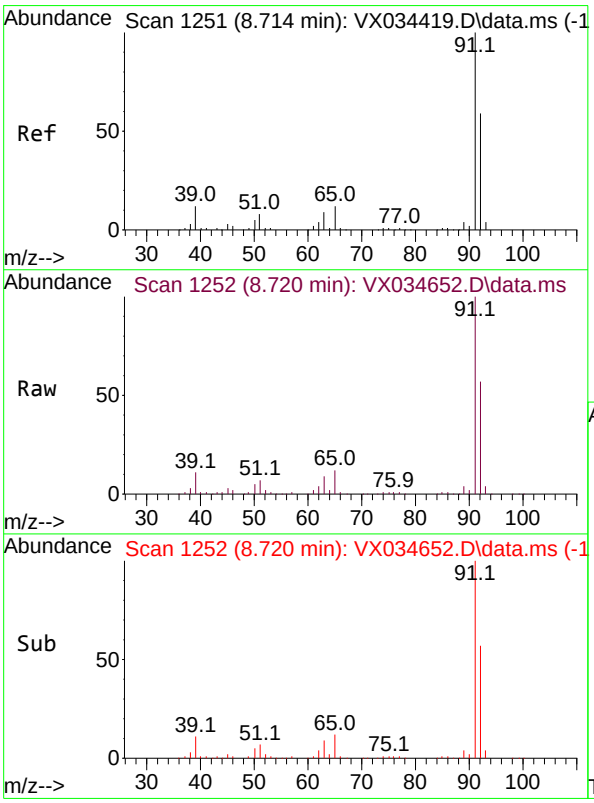
#50
Toluene-d8
Concen: 48.922 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
215

Tgt Ion: 98 Resp: 487174

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7

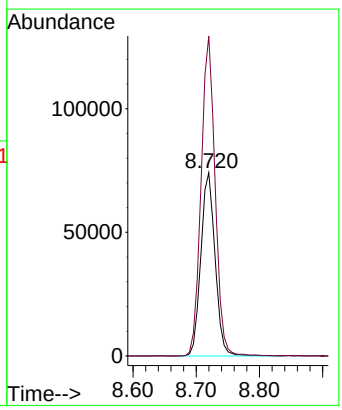


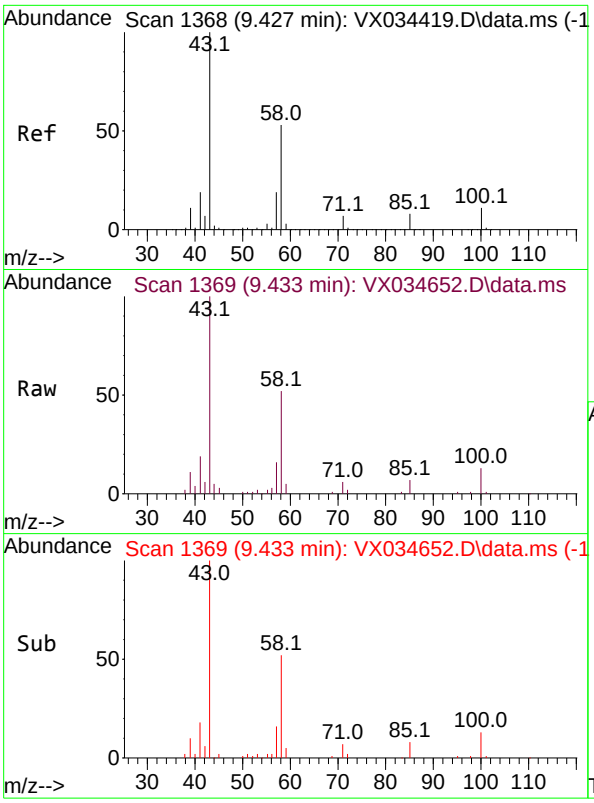


#52
Toluene
Concen: 15.657 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Tgt Ion: 92 Resp: 116182

Ion	Ratio	Lower	Upper
92	100		
91	172.6	136.8	205.2



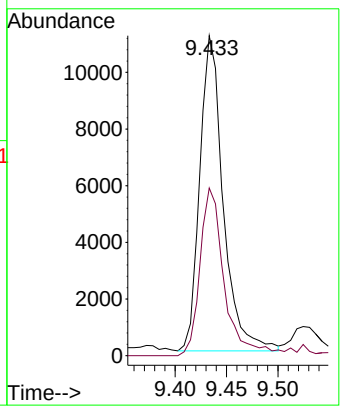


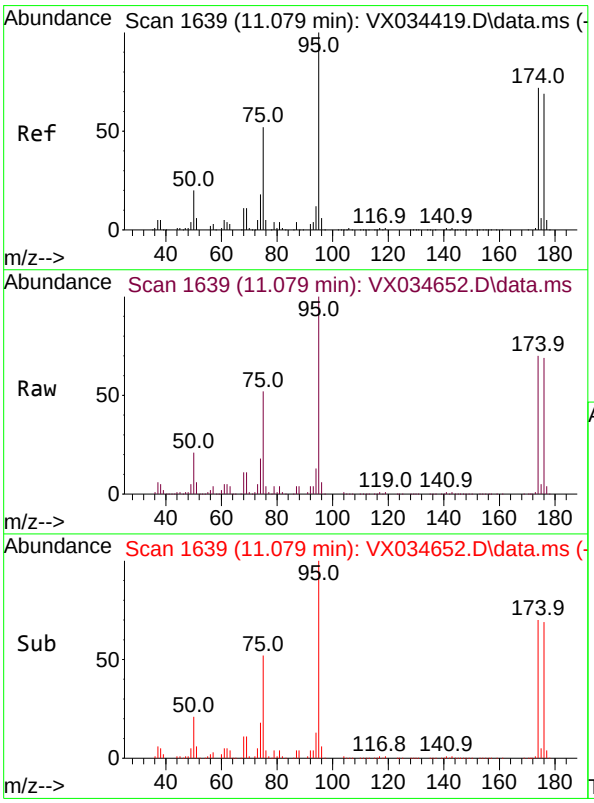
#59
2-Hexanone
Concen: 5.209 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
215

Tgt Ion: 43 Resp: 17711

Ion	Ratio	Lower	Upper
43	100		
58	55.0	26.3	78.9

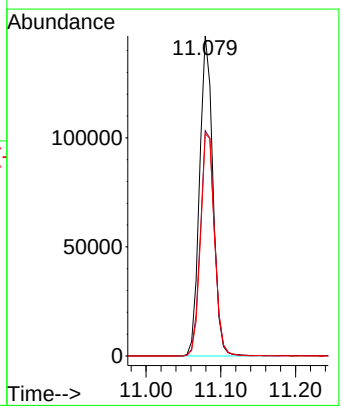


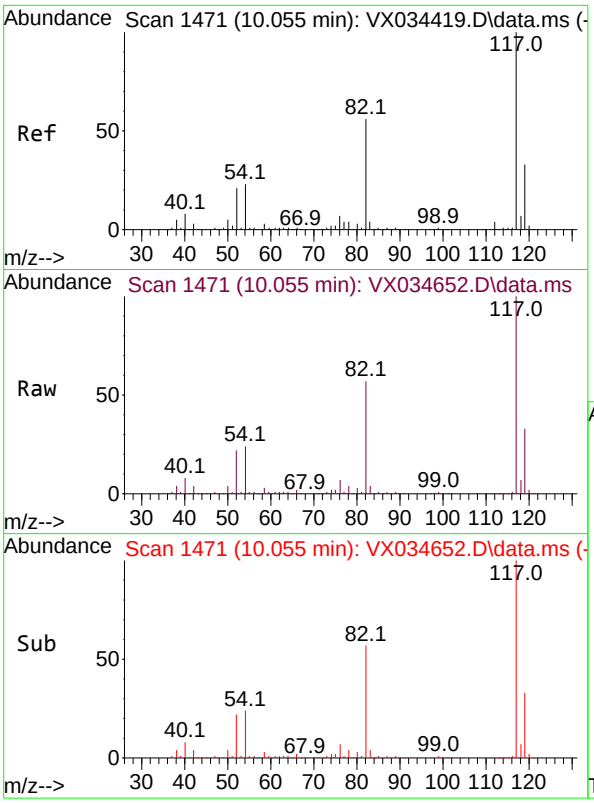


#62
4-Bromofluorobenzene
Concen: 45.311 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Tgt Ion: 95 Resp: 182254

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	147.4
176	72.5	0.0	140.6



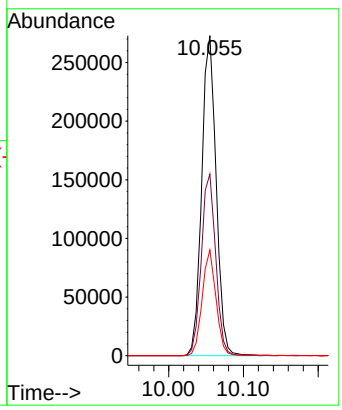


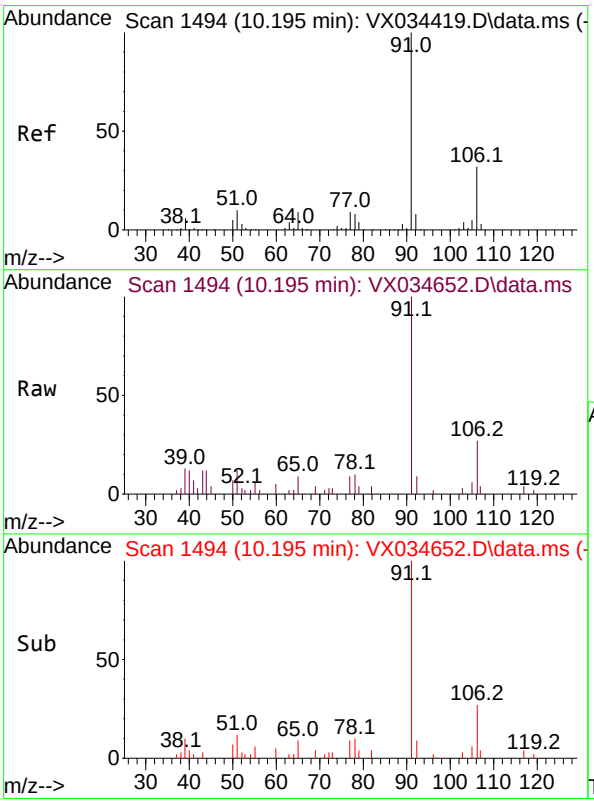
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
215

Tgt Ion:117 Resp: 366282

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.4
119	33.0	26.0	39.0

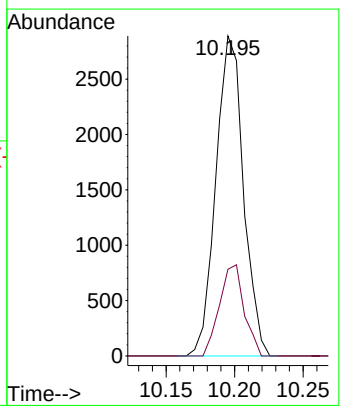


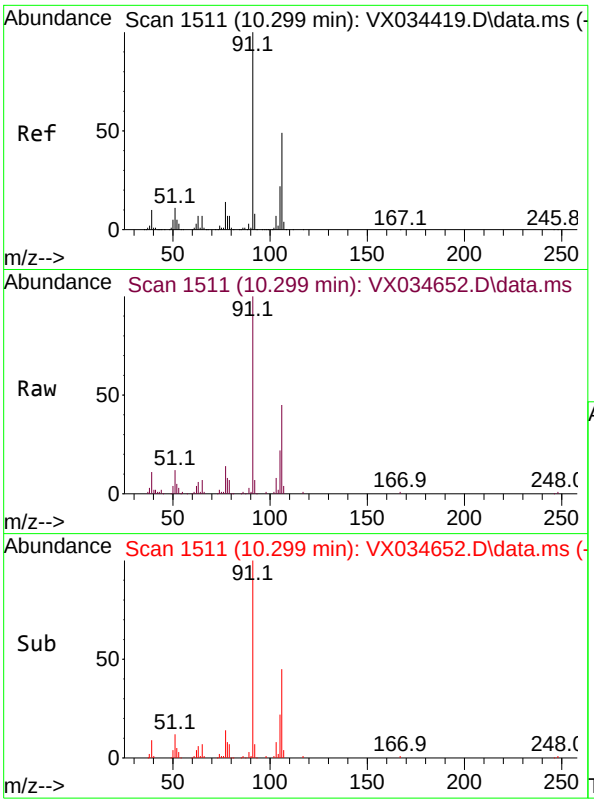


#67
Ethyl Benzene
Concen: 0.281 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Tgt Ion: 91 Resp: 4039

Ion	Ratio	Lower	Upper
91	100		
106	27.1	25.6	38.4



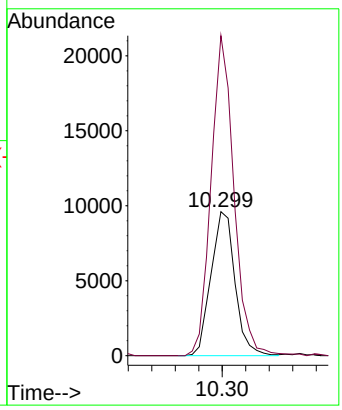


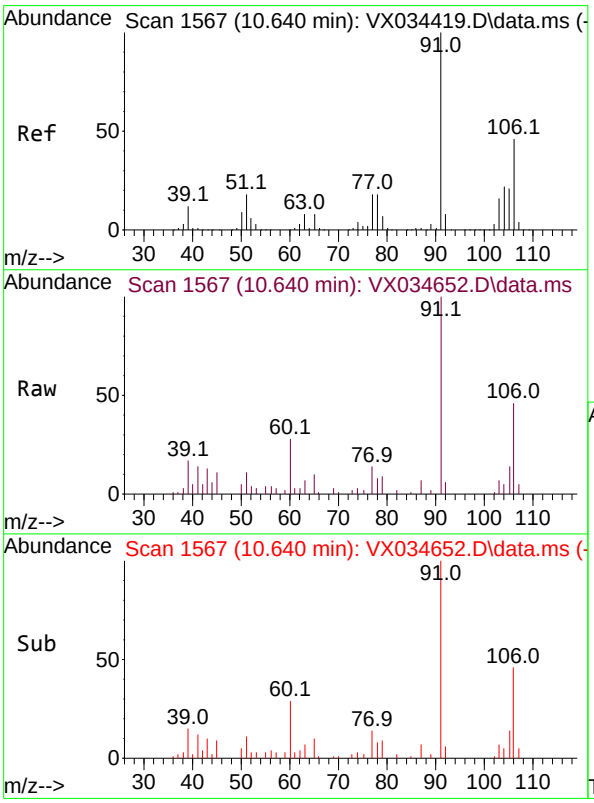
#68
m/p-Xylenes
Concen: 2.469 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
215

Tgt Ion:106 Resp: 13645

Ion	Ratio	Lower	Upper
106	100		
91	212.0	164.0	246.0

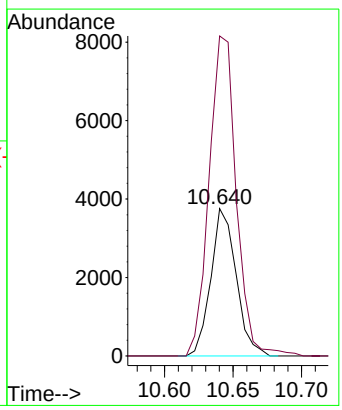


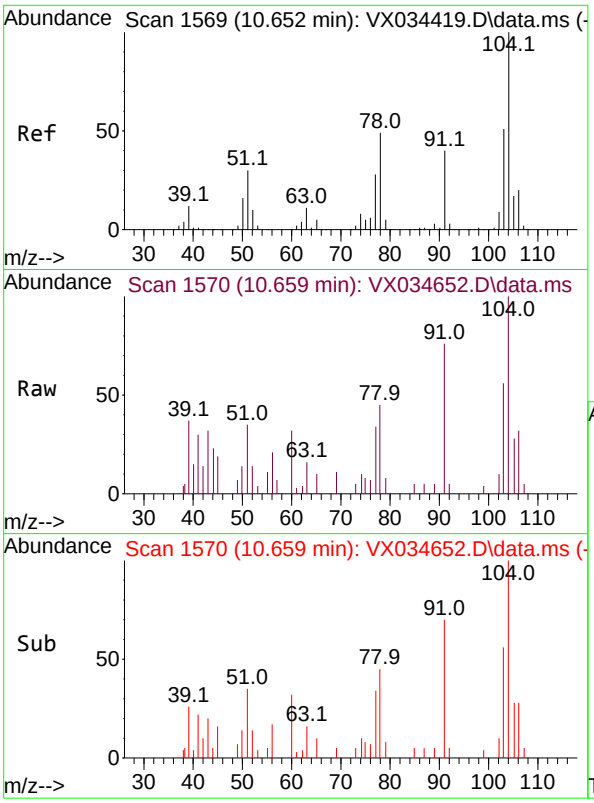


#69
o-Xylene
Concen: 0.870 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Tgt Ion:106 Resp: 4827

Ion	Ratio	Lower	Upper
106	100		
91	233.0	108.5	325.3



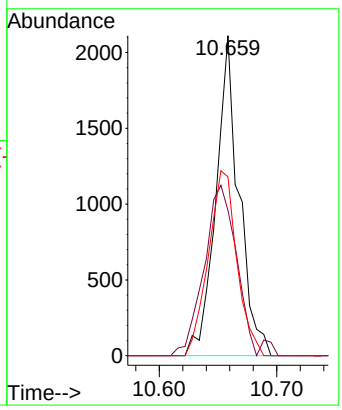


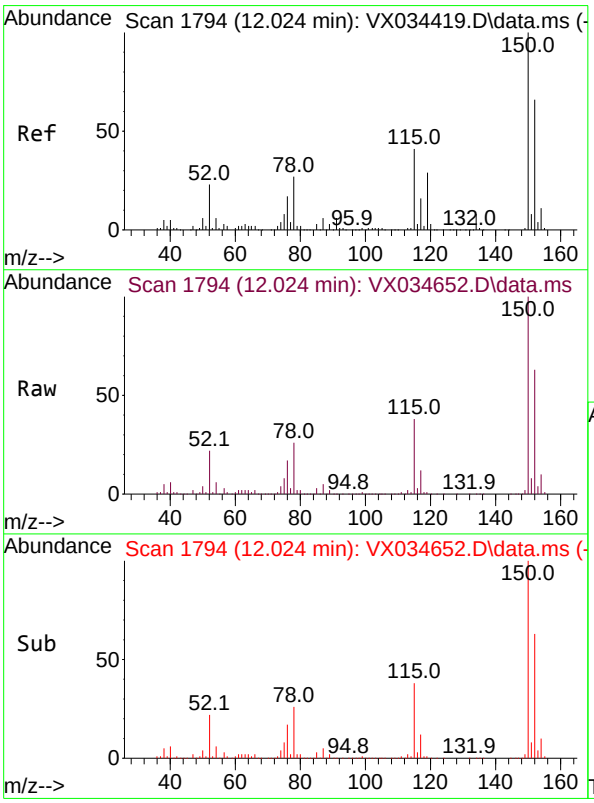
#70
Styrene
Concen: 0.323 ug/l
RT: 10.659 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
215

Tgt Ion:104 Resp: 2889

Ion	Ratio	Lower	Upper
104	100		
78	73.9	43.4	65.2#
103	71.3	44.2	66.2#

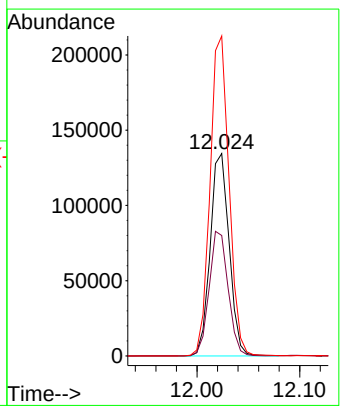


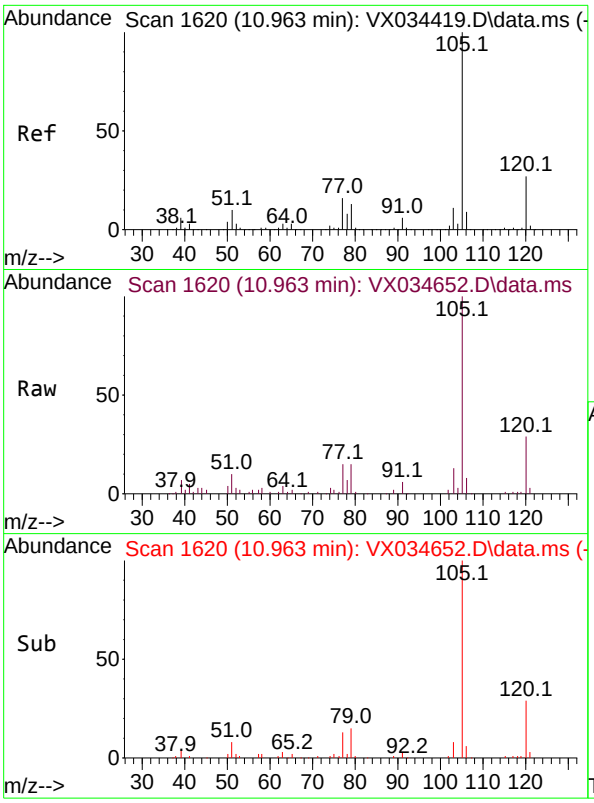


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Tgt Ion:152 Resp: 171934

Ion	Ratio	Lower	Upper
152	100		
115	61.5	45.0	135.0
150	158.3	0.0	352.4



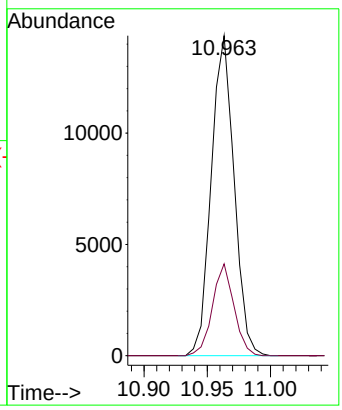


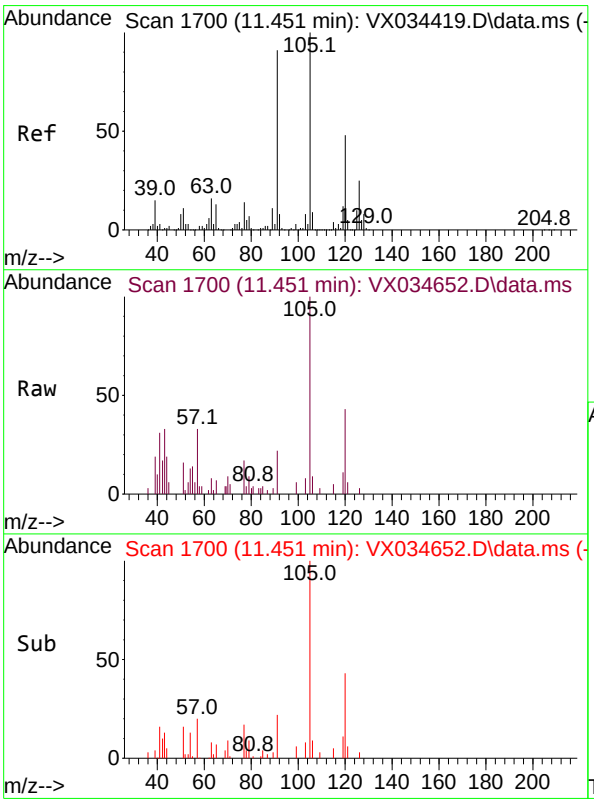
#73
Isopropylbenzene
Concen: 1.357 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
215

Tgt Ion:105 Resp: 18038

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.3	39.9

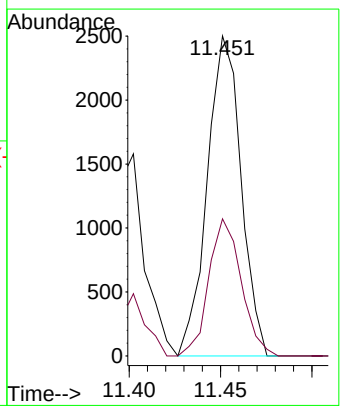


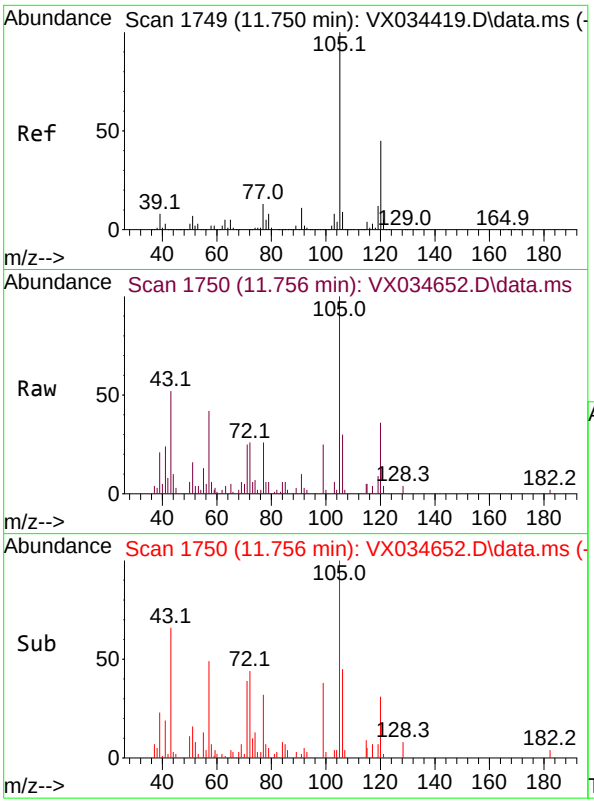


#80
1,3,5-Trimethylbenzene
Concen: 0.289 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Tgt Ion:105 Resp: 3218

Ion	Ratio	Lower	Upper
105	100		
120	41.2	23.7	71.1



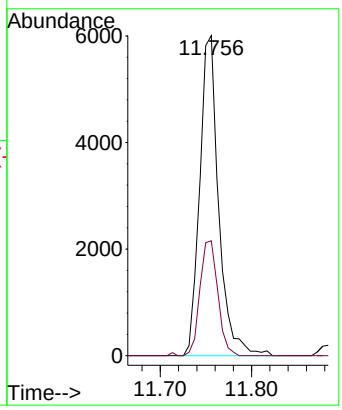


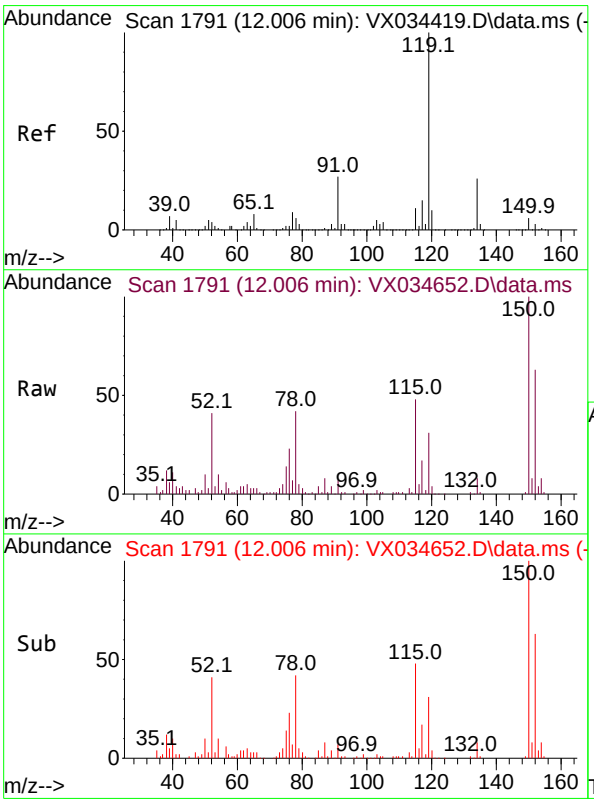
#84
1,2,4-Trimethylbenzene
Concen: 0.761 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
215

Tgt Ion:105 Resp: 8663

Ion	Ratio	Lower	Upper
105	100		
120	33.8	22.4	67.0

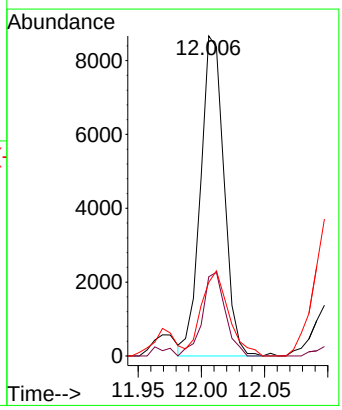


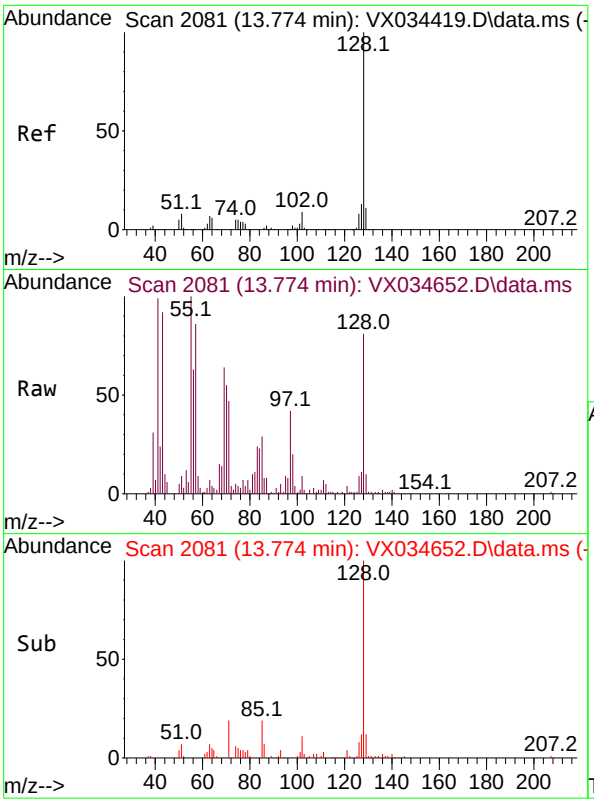


#86
p-Isopropyltoluene
Concen: 0.970 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Tgt Ion:119 Resp: 11198

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.2	39.5
91	30.5	12.9	38.7





#95
Naphthalene
Concen: 1.654 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX034652.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :
215

Tgt Ion:128 Resp: 20935

Ion	Ratio	Lower	Upper
128	100		
127	17.7	10.2	15.4#
129	15.5	8.6	13.0#