Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
Data File : VX032796.D
Acq On : 14 Nov 2022 15:50
Operator : JC/MD
Sample : N5572-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31910

Quant Time: Nov 15 05:08:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	99845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163156	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69826	50.331	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.660%			
35) Dibromofluoromethane	5.391	113	55991	48.110	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.220%			
50) Toluene-d8	8.646	98	202886	50.135	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.260%			
62) 4-Bromofluorobenzene	11.079	95	80967	51.220	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.440%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.989	59	12911	63.940	ug/l #	83
16) Acetone	2.385	43	44722	88.694	ug/l	96
17) Carbon Disulfide	2.513	76	1112	0.466	ug/l #	93
18) Methyl Acetate	2.702	43	3837	2.340	ug/l	92
25) 2-Butanone	4.568	43	14868	19.033	ug/l	94
37) Ethyl Acetate	4.726	43	3976	2.357	ug/l #	94
40) Benzene	6.043	78	5801	1.265	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	6593	4.041	ug/l	93
52) Toluene	8.720	92	8384	2.802	ug/l	95
67) Ethyl Benzene	10.195	91	2442	0.412	ug/l	96
68) m/p-Xylenes	10.305	106	3164	1.376	ug/l	100
69) o-Xylene	10.646	106	1491	0.667	ug/l	100
70) Styrene	10.658	104	9502	2.558	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	3600	0.733	ug/l	95
95) Naphthalene	13.774	128	15243	2.664	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
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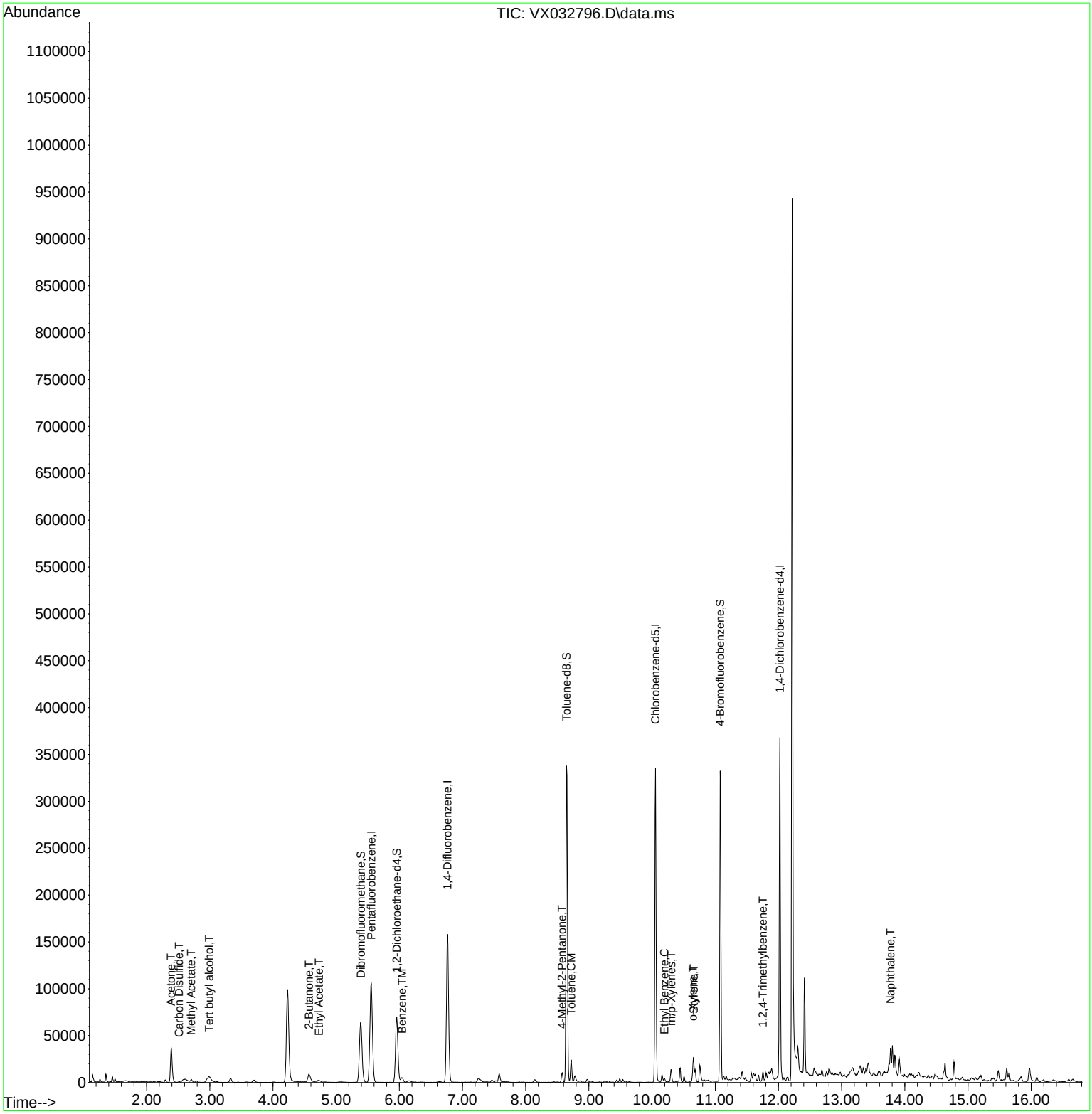
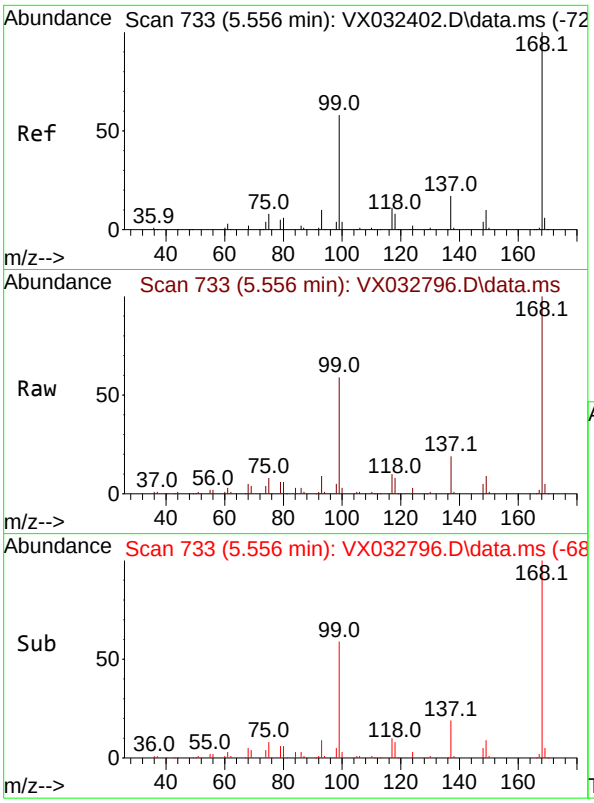
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31910

Quant Time: Nov 15 05:08:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



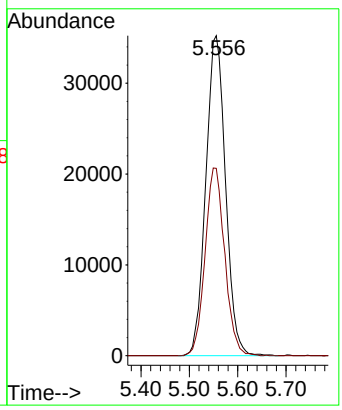


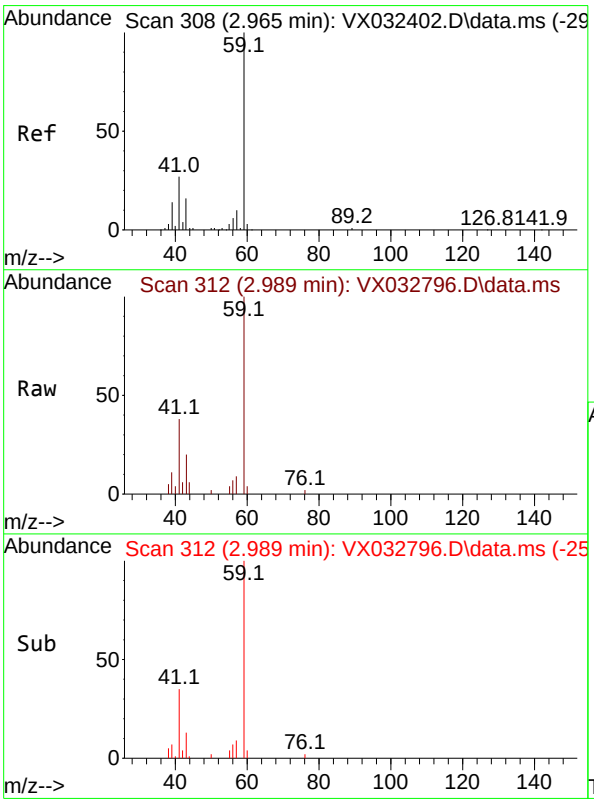
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Instrument :
MSVOA_X
ClientSampleId :
31910

Tgt Ion:168 Resp: 99845

Ion	Ratio	Lower	Upper
168	100		
99	58.6	46.1	69.1

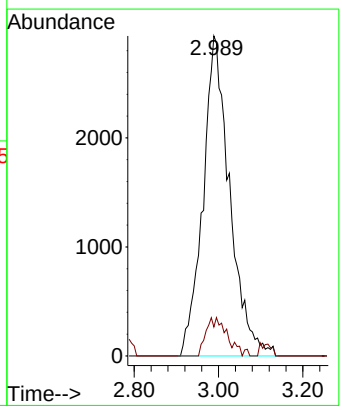


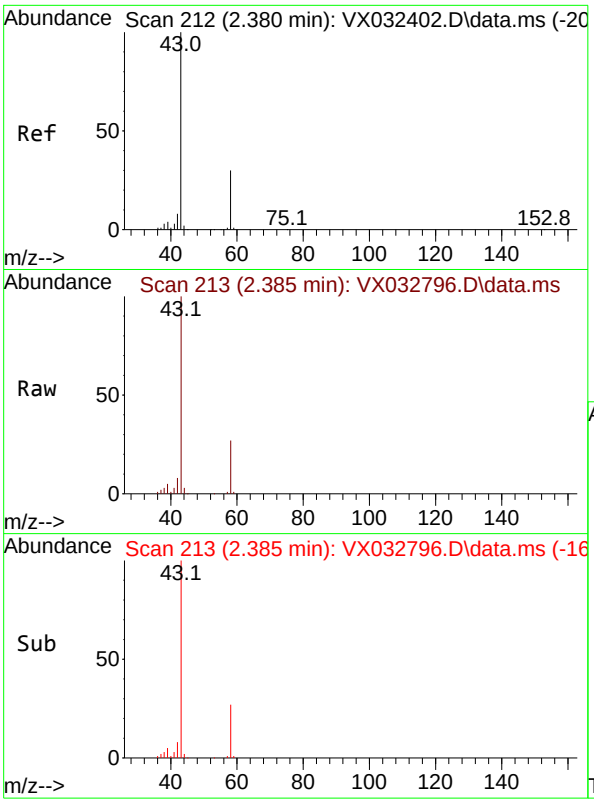


#11
Tert butyl alcohol
Concen: 63.940 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Tgt Ion: 59 Resp: 12911

Ion	Ratio	Lower	Upper
59	100		
57	3.9	8.2	12.4#



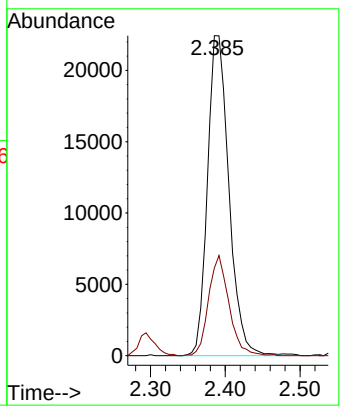


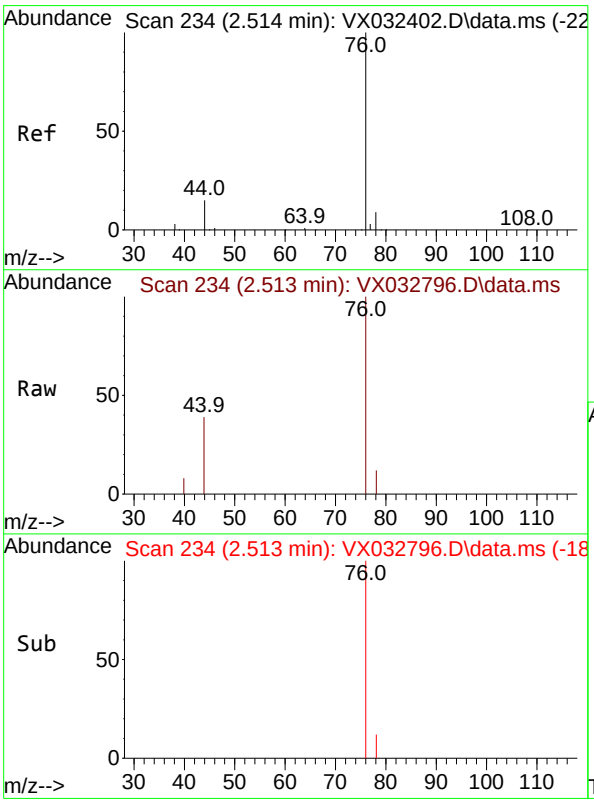
#16
Acetone
Concen: 88.694 ug/l
RT: 2.385 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Instrument :
MSVOA_X
ClientSampleId :
31910

Tgt Ion: 43 Resp: 44722

Ion	Ratio	Lower	Upper
43	100		
58	27.4	23.8	35.8

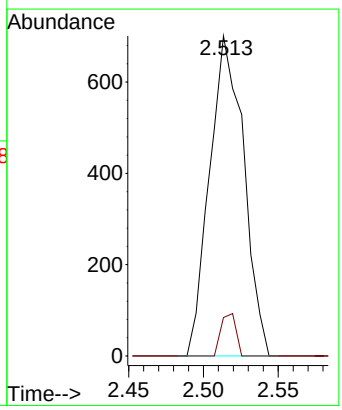


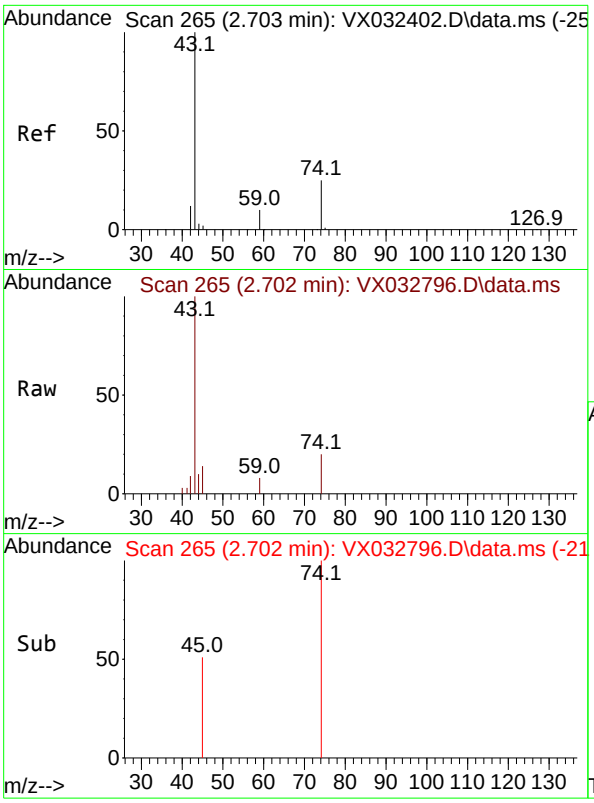


#17
Carbon Disulfide
Concen: 0.466 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Tgt Ion: 76 Resp: 1112

Ion	Ratio	Lower	Upper
76	100		
78	12.0	7.5	11.3#



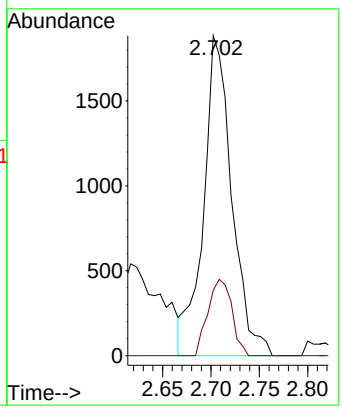


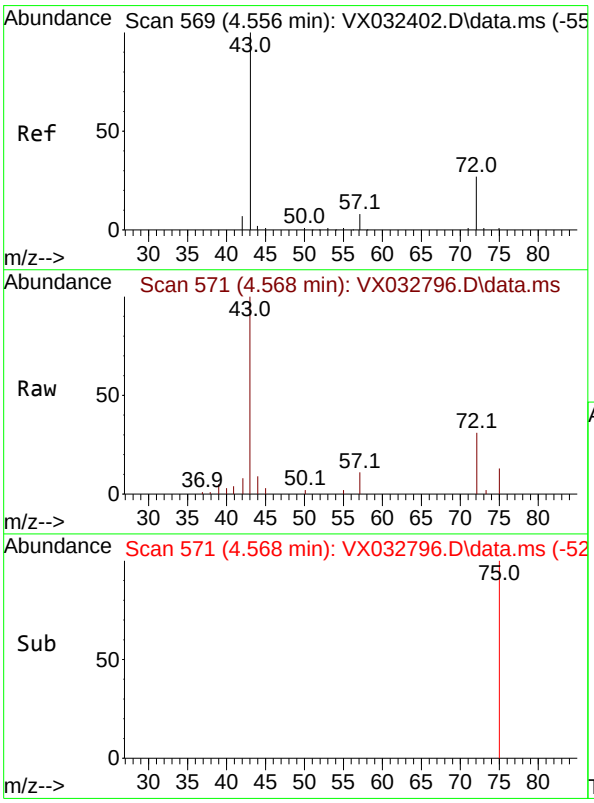
#18
Methyl Acetate
Concen: 2.340 ug/l
RT: 2.702 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Instrument :
MSVOA_X
ClientSampleId :
31910

Tgt Ion: 43 Resp: 3837

Ion	Ratio	Lower	Upper
43	100		
74	20.1	19.4	29.0

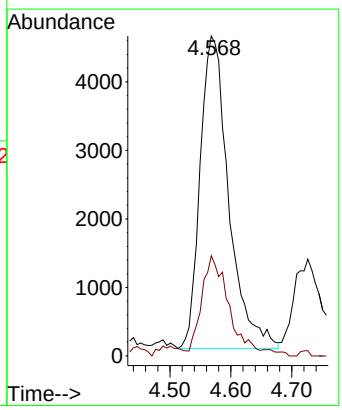


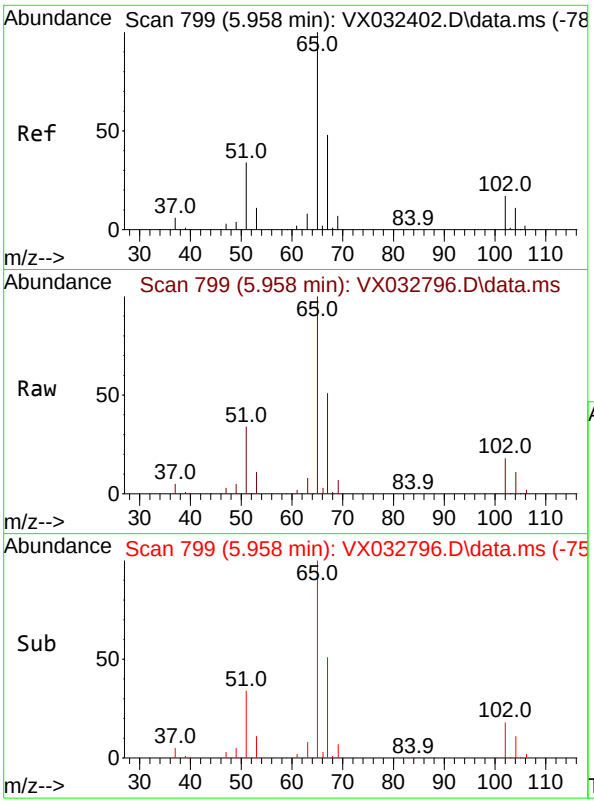


#25
2-Butanone
Concen: 19.033 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Tgt Ion: 43 Resp: 14868

Ion	Ratio	Lower	Upper
43	100		
72	30.8	22.2	33.2



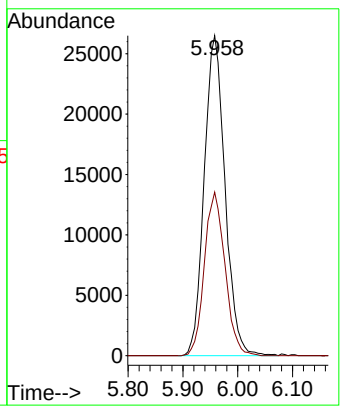


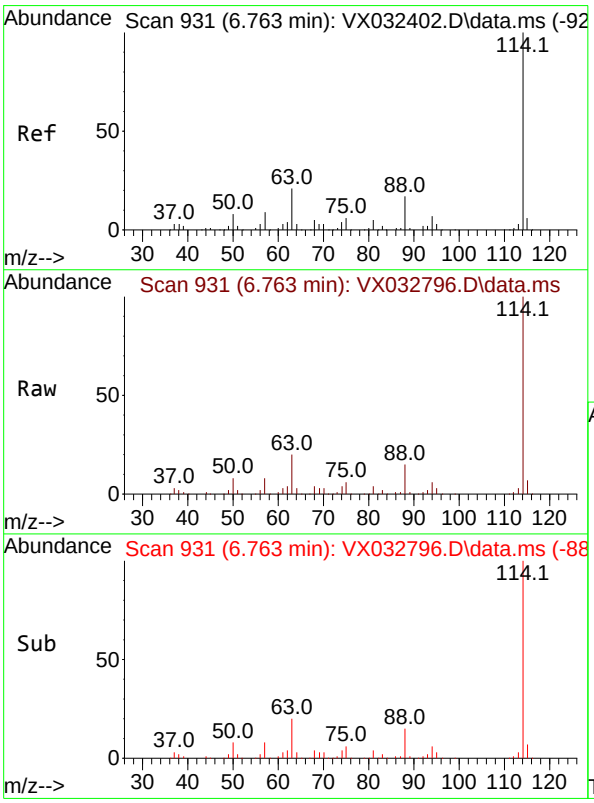
#33
1,2-Dichloroethane-d4
Concen: 50.331 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Instrument :
MSVOA_X
ClientSampleId :
31910

Tgt Ion: 65 Resp: 69826

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.8

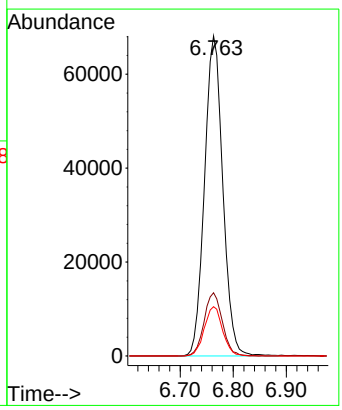


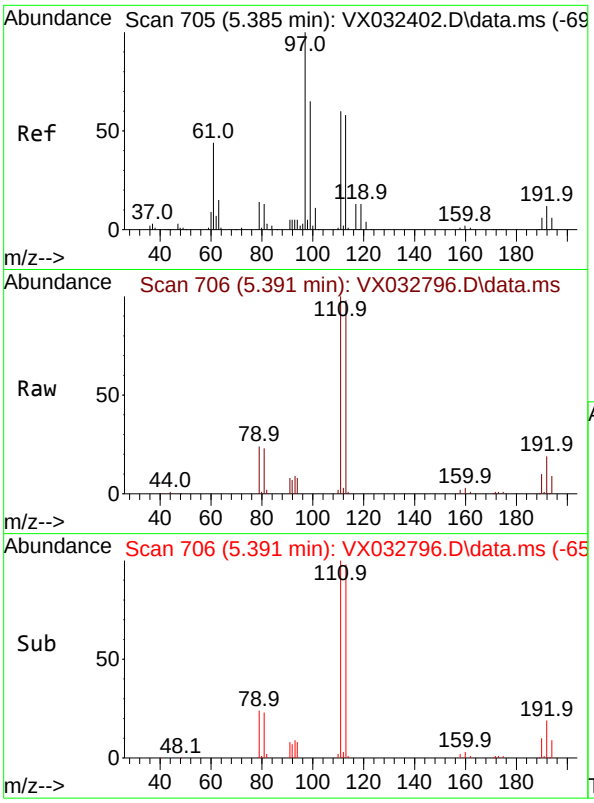


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Tgt Ion:114 Resp: 163156

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.6
88	15.4	0.0	33.4



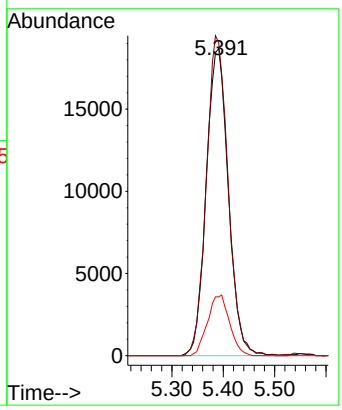


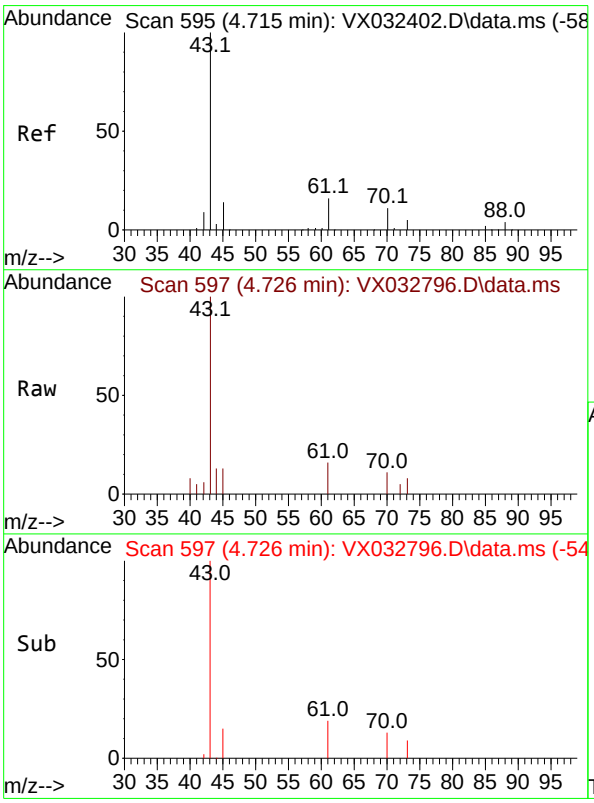
#35
Dibromofluoromethane
Concen: 48.110 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Instrument :
MSVOA_X
ClientSampleId :
31910

Tgt Ion:113 Resp: 55991

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	19.7	15.4	23.2

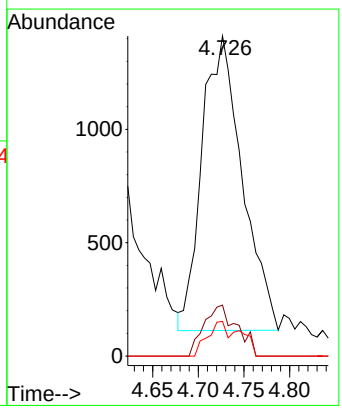


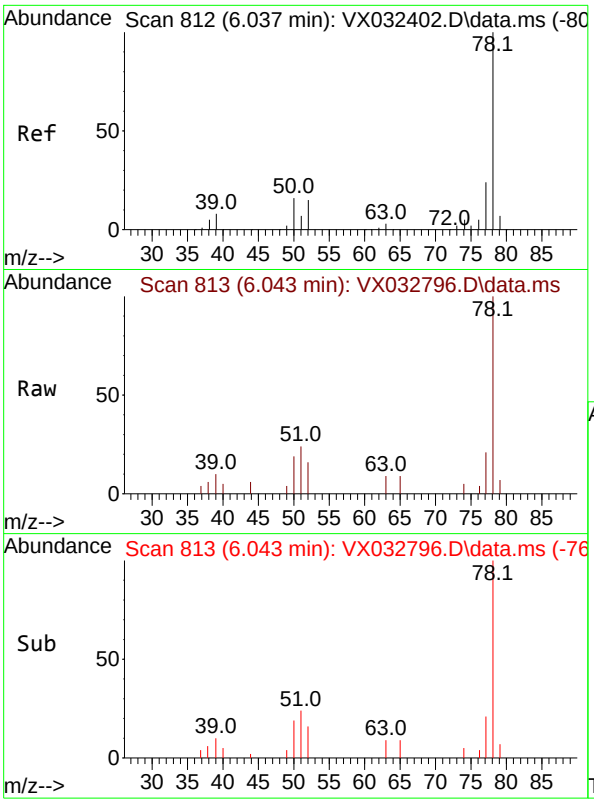


#37
Ethyl Acetate
Concen: 2.357 ug/l
RT: 4.726 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Tgt Ion: 43 Resp: 3976

Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	6.7	9.1	13.7#



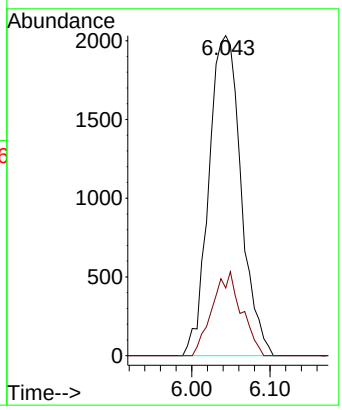


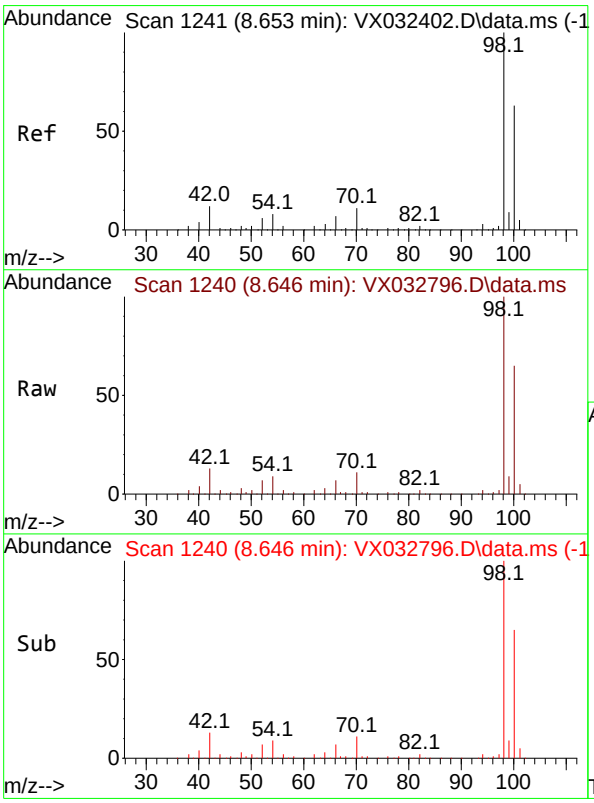
#40
Benzene
Concen: 1.265 ug/l
RT: 6.043 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Instrument :
MSVOA_X
ClientSampleId :
31910

Tgt Ion: 78 Resp: 5801

Ion	Ratio	Lower	Upper
78	100		
77	21.2	19.0	28.4

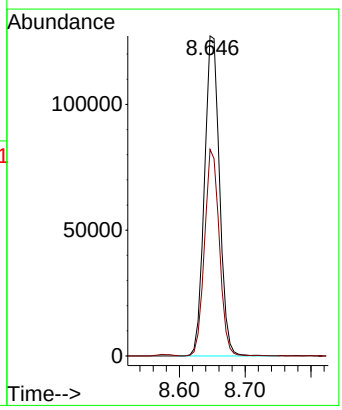


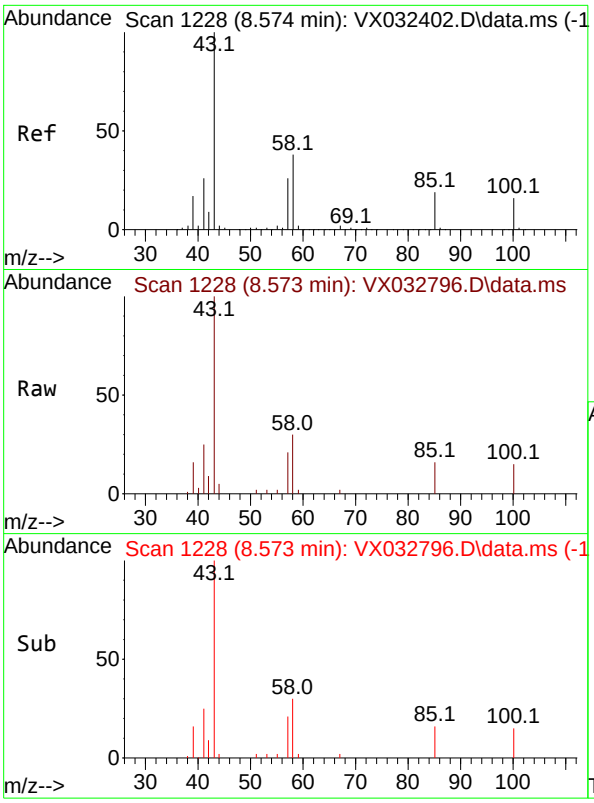


#50
Toluene-d8
Concen: 50.135 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Tgt Ion: 98 Resp: 202886

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3



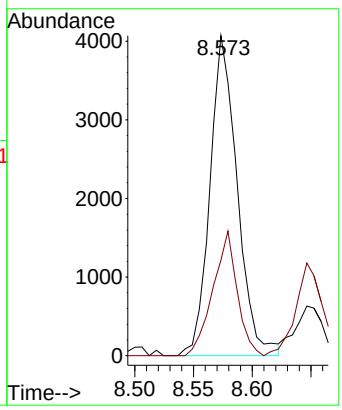


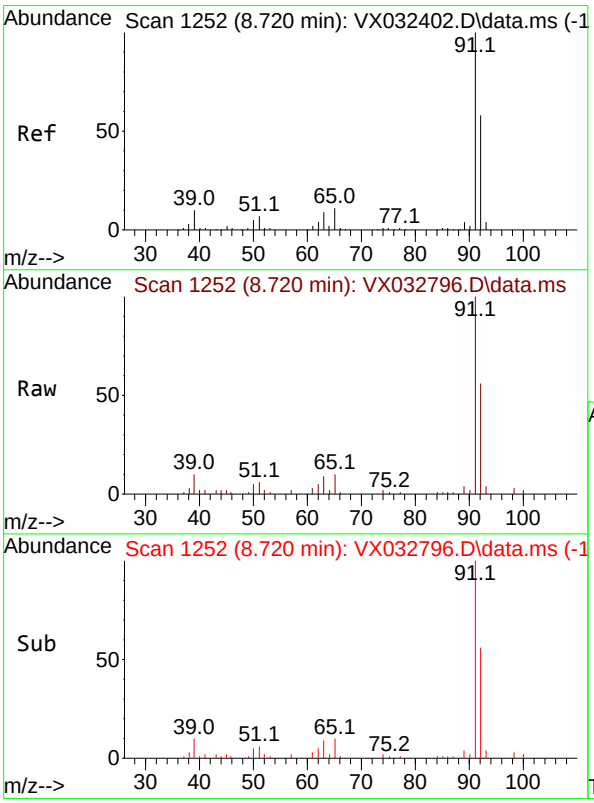
#51
4-Methyl-2-Pentanone
Concen: 4.041 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Instrument :
MSVOA_X
ClientSampleId :
31910

Tgt Ion: 43 Resp: 6593

Ion	Ratio	Lower	Upper
43	100		
58	34.5	30.9	46.3

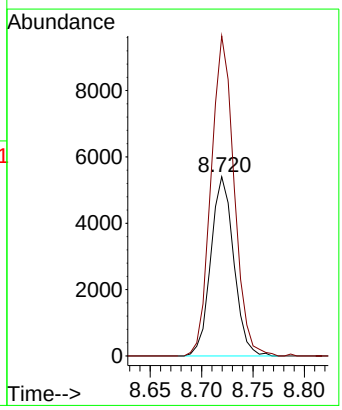


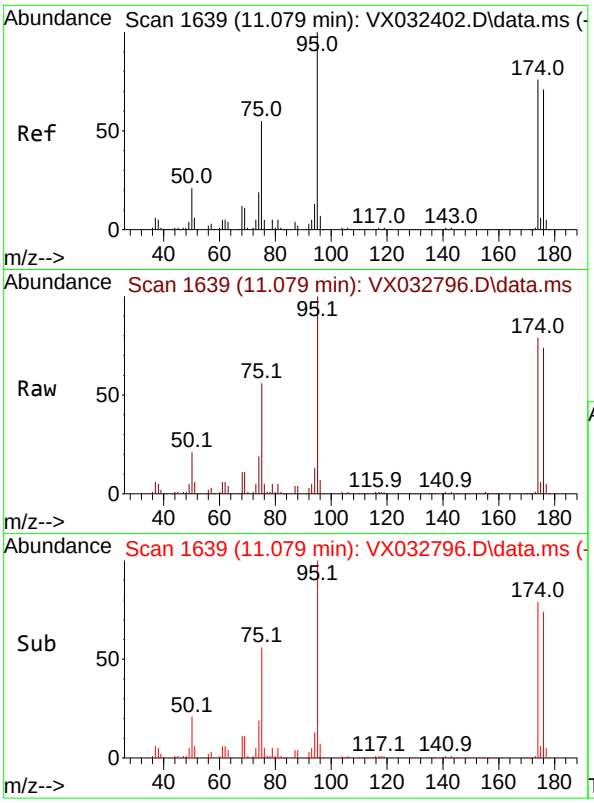


#52
Toluene
Concen: 2.802 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Tgt Ion: 92 Resp: 8384

Ion	Ratio	Lower	Upper
92	100		
91	179.5	138.3	207.5



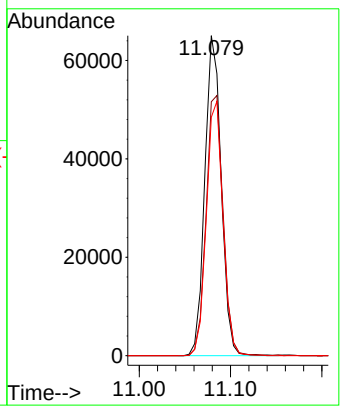


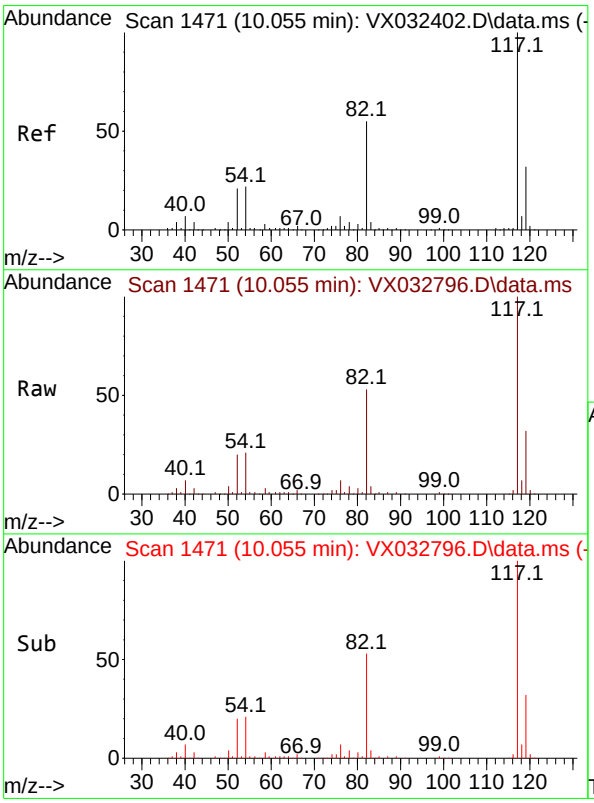
#62
4-Bromofluorobenzene
Concen: 51.220 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Instrument :
MSVOA_X
ClientSampleId :
31910

Tgt Ion: 95 Resp: 80967

Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	164.0
176	80.9	0.0	154.4

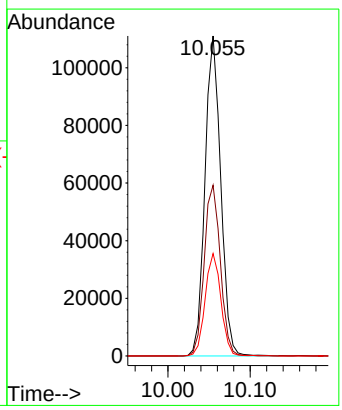


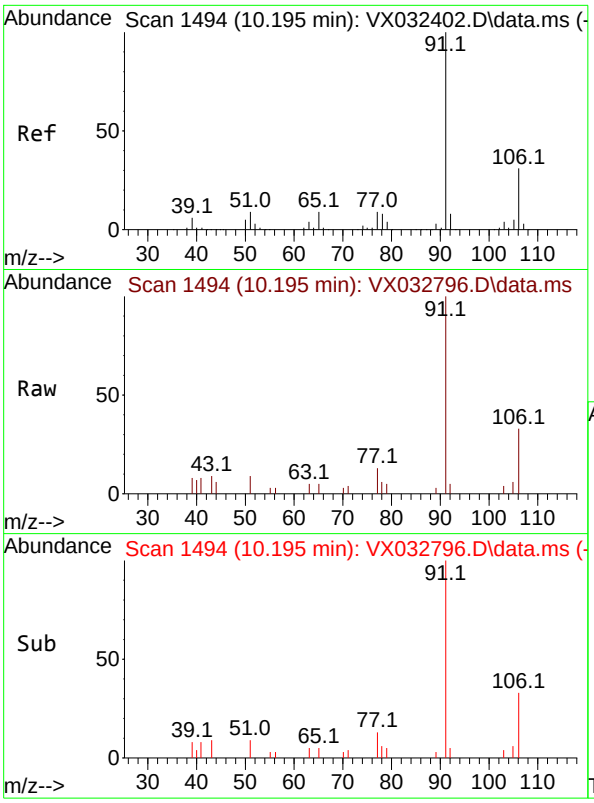


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Tgt Ion:117 Resp: 147815

Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.3	66.5
119	32.0	25.7	38.5



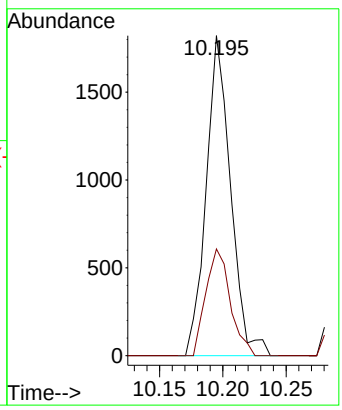


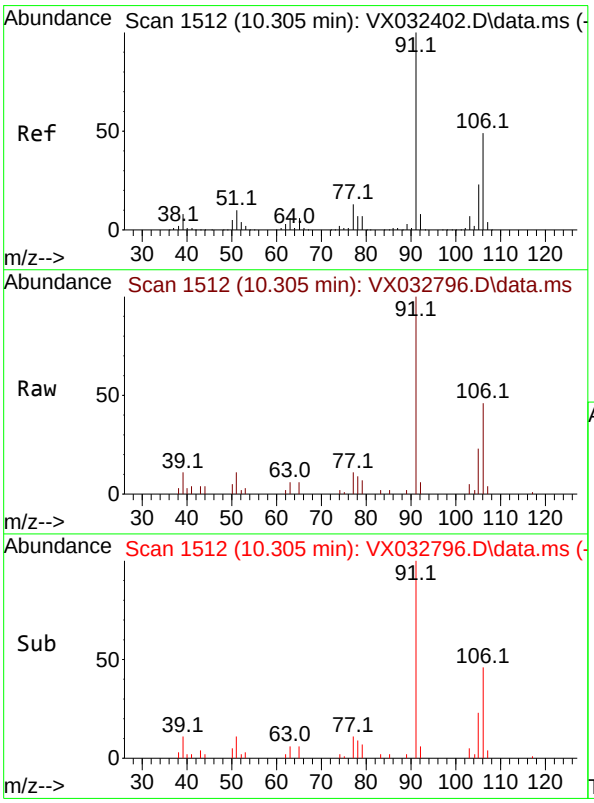
#67
Ethyl Benzene
Concen: 0.412 ug/l
RT: 10.195 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Instrument :
MSVOA_X
ClientSampleId :
31910

Tgt Ion: 91 Resp: 2442

Ion	Ratio	Lower	Upper
91	100		
106	33.3	25.0	37.6

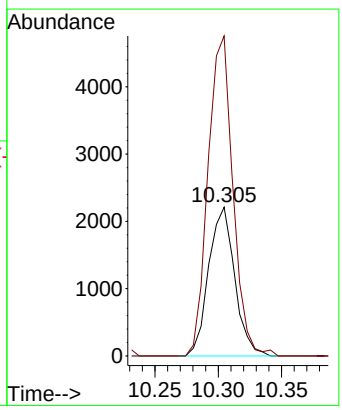


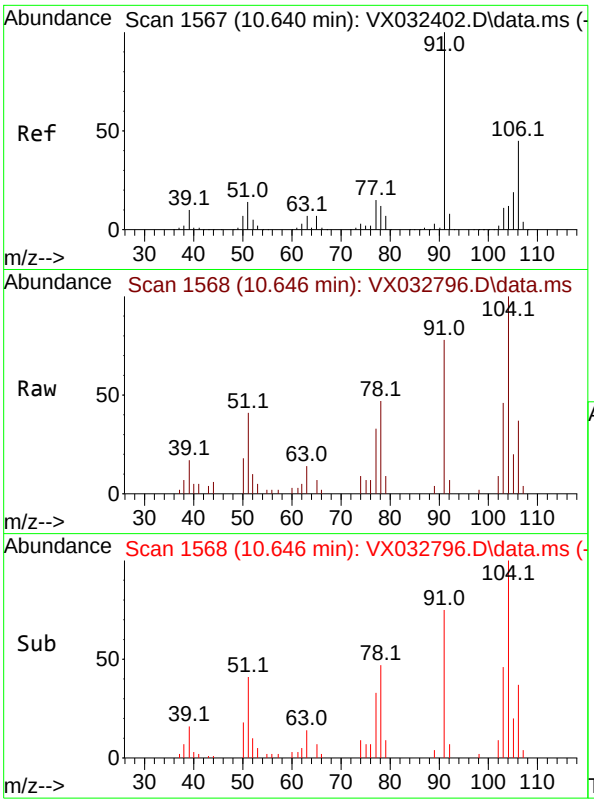


#68
m/p-Xylenes
Concen: 1.376 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Tgt Ion:106 Resp: 3164

Ion	Ratio	Lower	Upper
106	100		
91	206.3	164.5	246.7



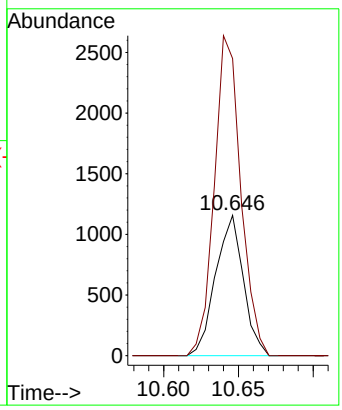


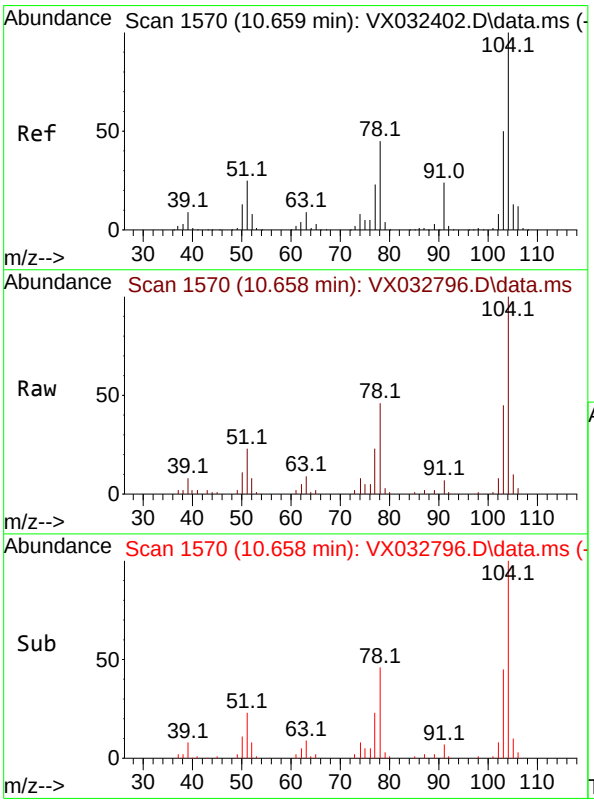
#69
o-Xylene
Concen: 0.667 ug/l
RT: 10.646 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Instrument :
MSVOA_X
ClientSampleId :
31910

Tgt Ion:106 Resp: 1491

Ion	Ratio	Lower	Upper
106	100		
91	218.0	109.2	327.6

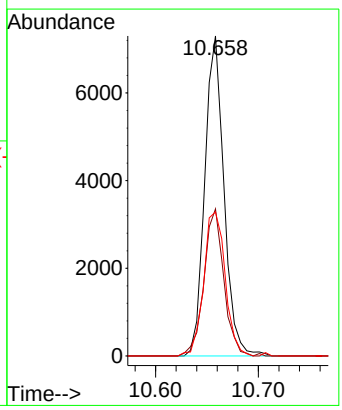


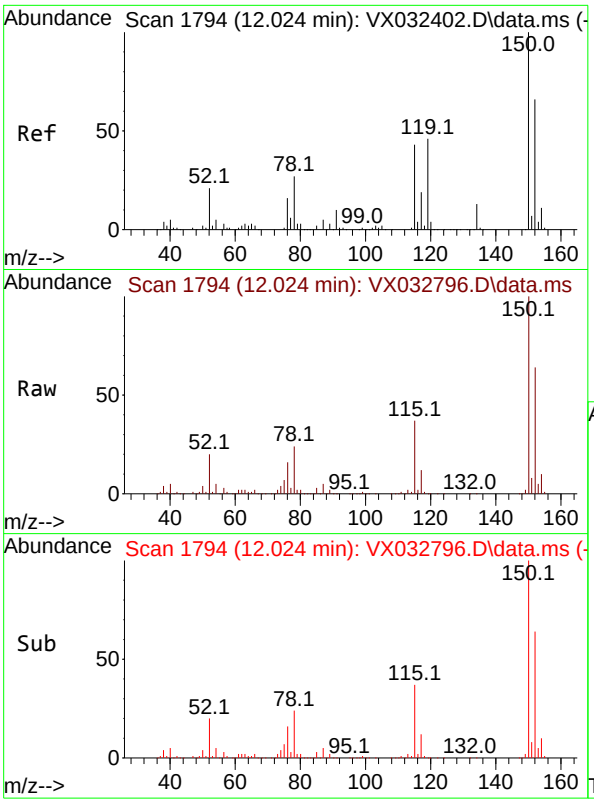


#70
Styrene
Concen: 2.558 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Tgt Ion:104 Resp: 9502

Ion	Ratio	Lower	Upper
104	100		
78	47.6	41.8	62.8
103	50.4	44.5	66.7



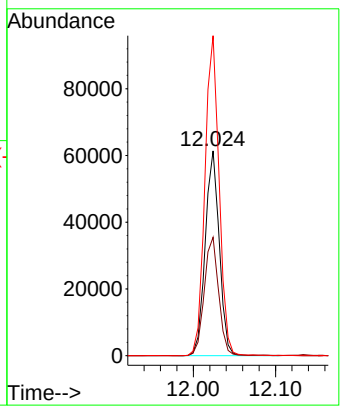


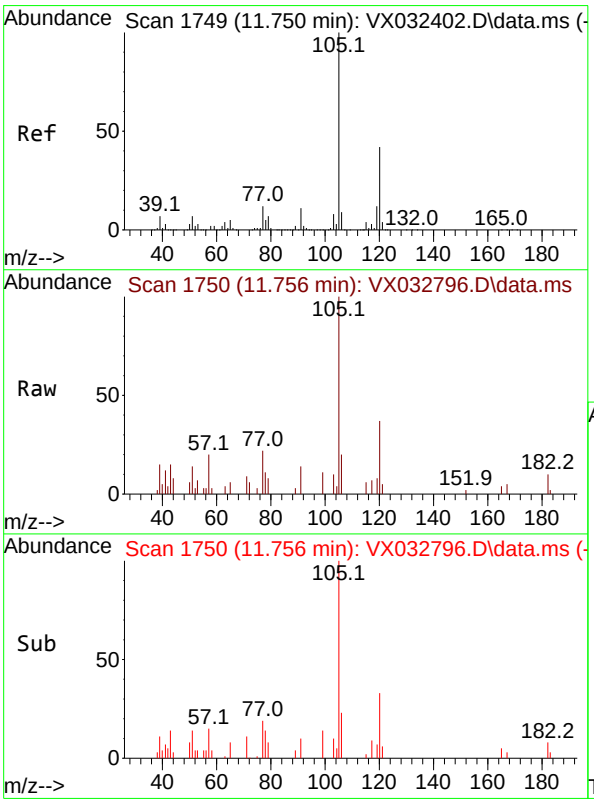
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Instrument :
MSVOA_X
ClientSampleId :
31910

Tgt Ion:152 Resp: 72872

Ion	Ratio	Lower	Upper
152	100		
115	59.1	44.0	132.0
150	157.3	0.0	351.8

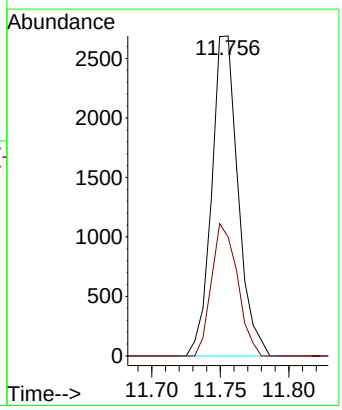


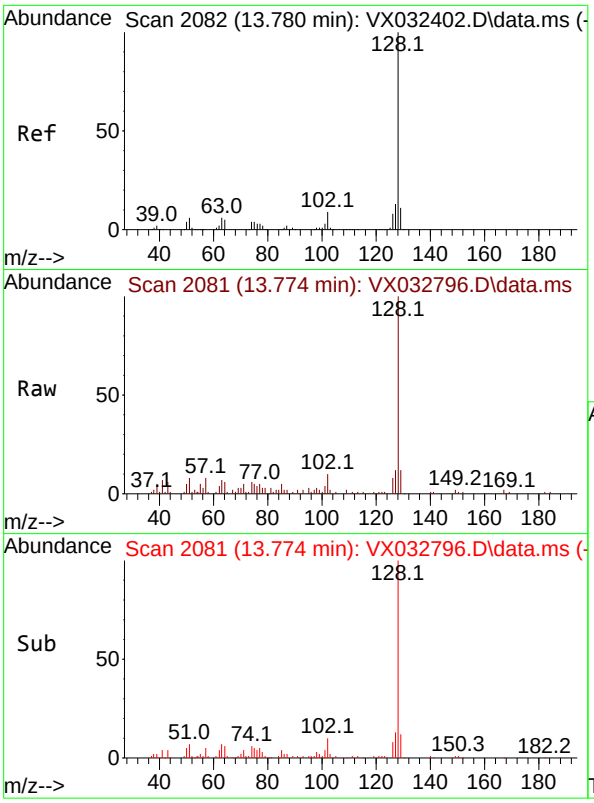


#84
1,2,4-Trimethylbenzene
Concen: 0.733 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Tgt Ion:105 Resp: 3600

Ion	Ratio	Lower	Upper
105	100		
120	40.6	21.9	65.5





#95
Naphthalene
Concen: 2.664 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX032796.D
Acq: 14 Nov 2022 15:50

Instrument :
MSVOA_X
ClientSampleId :
31910

Tgt Ion:128 Resp: 15243

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	11.9	8.9	13.3