Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
Data File : VX033517.D
Acq On : 20 Dec 2022 18:44
Operator : JC/MD
Sample : N6149-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Quant Time: Dec 21 04:16:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	113806	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.775	114	215594	50.000	ug/l	0.01
63) Chlorobenzene-d5	10.067	117	178849	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.055	152	37567	50.000	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.977	65	37721	51.665	ug/l	0.02
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.340%			
35) Dibromofluoromethane	5.404	113	35410	36.516	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 73.040%#			
50) Toluene-d8	8.659	98	87530	43.149	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 86.300%#			
62) 4-Bromofluorobenzene	11.104	95	66928	43.150	ug/l	0.02
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.300%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	505421	2264.261	ug/l #	89
16) Acetone	2.392	43	685742	1269.287	ug/l	97
18) Methyl Acetate	2.709	43	156571	100.111	ug/l #	83
19) Methyl tert-butyl Ether	3.117	73	8797	2.462	ug/l #	24
20) Methylene Chloride	2.794	84	11268	9.352	ug/l #	84
25) 2-Butanone	4.574	43	368172	474.757	ug/l	99
40) Benzene	6.044	78	5574	1.011	ug/l	96
49) 1,4-Dioxane	7.763	88	51727	1528.510	ug/l #	68
51) 4-Methyl-2-Pentanone	8.604	43	391213	215.137	ug/l	98
52) Toluene	8.732	92	67587	18.964	ug/l	99
67) Ethyl Benzene	10.214	91	27912	4.424	ug/l	97
68) m/p-Xylenes	10.317	106	48756	19.861	ug/l	96
69) o-Xylene	10.665	106	34895	14.381	ug/l	99
73) Isopropylbenzene	10.988	105	5952	2.186	ug/l	98
80) 1,3,5-Trimethylbenzene	11.476	105	19112	8.432	ug/l	99
84) 1,2,4-Trimethylbenzene	11.774	105	211360m	93.419	ug/l	

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

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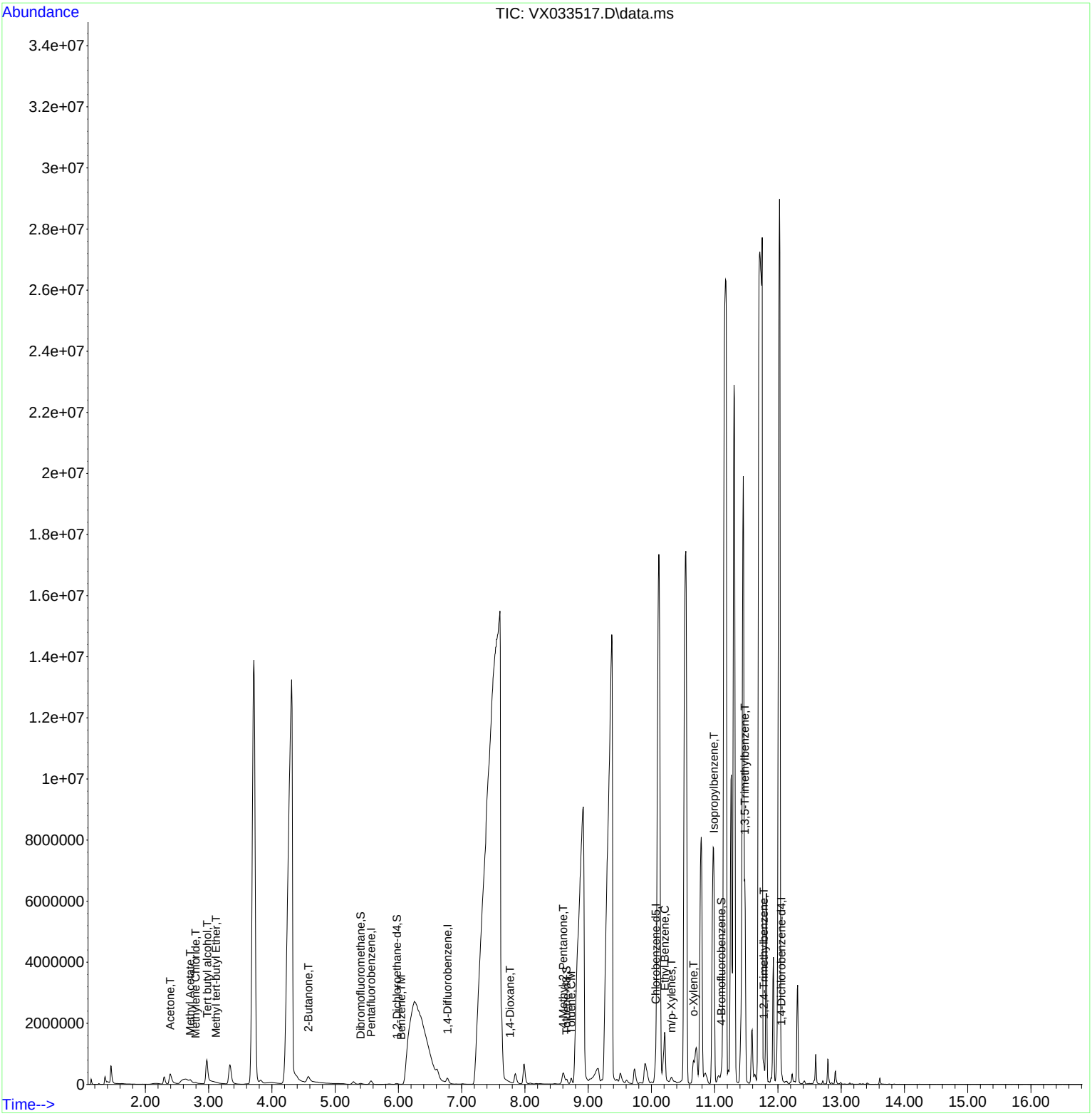
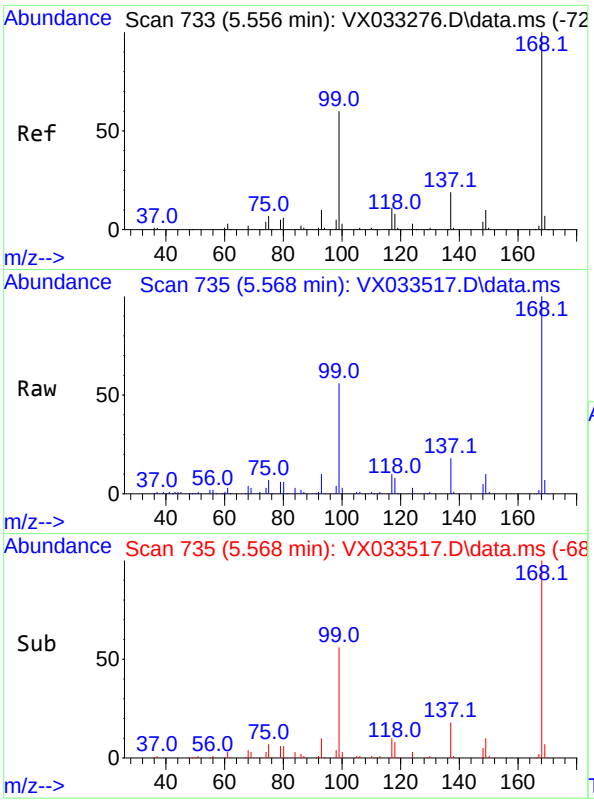
MSVOA_X
ClientSampleId :
MAH-1

Quant Time: Dec 21 04:16:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration



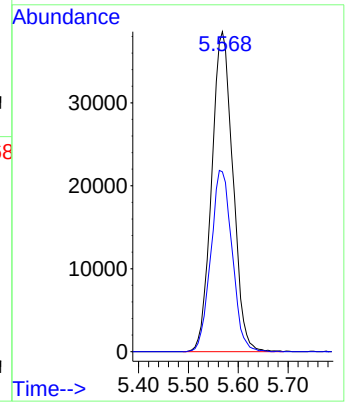


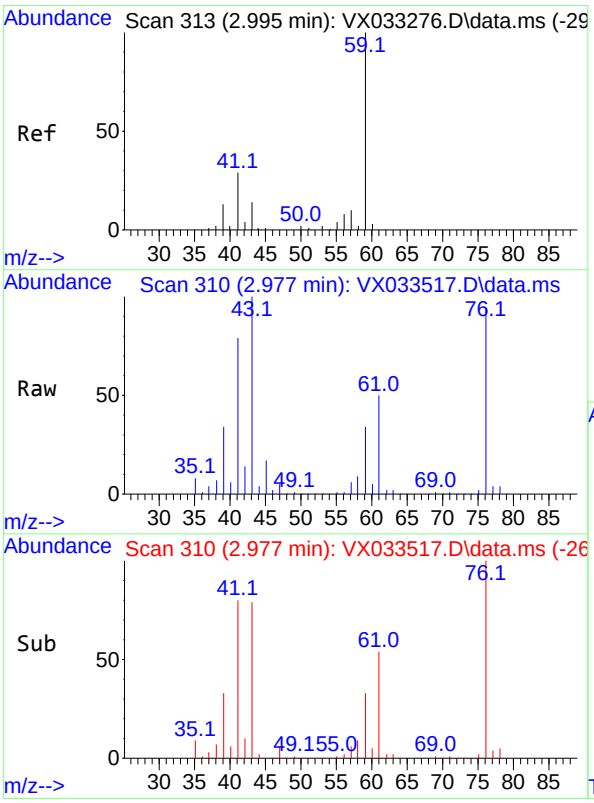
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.012 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion:168 Resp: 113806

Ion	Ratio	Lower	Upper
168	100		
99	56.2	46.1	69.1

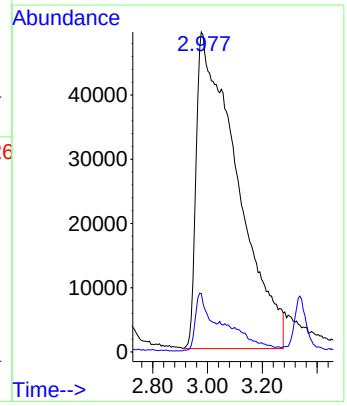


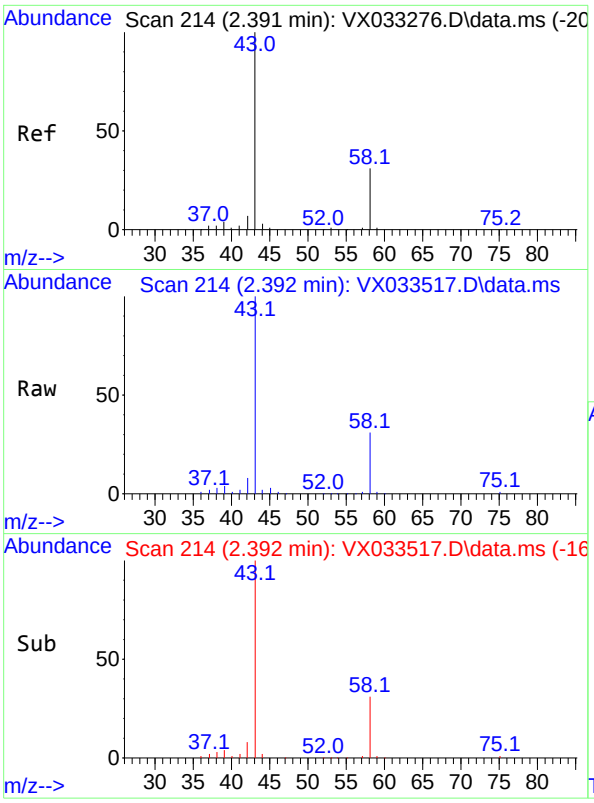


#11
Tert butyl alcohol
Concen: 2264.261 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.018 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Tgt Ion: 59 Resp: 505421

Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.2	12.4#



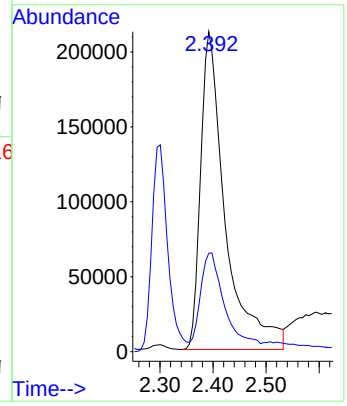


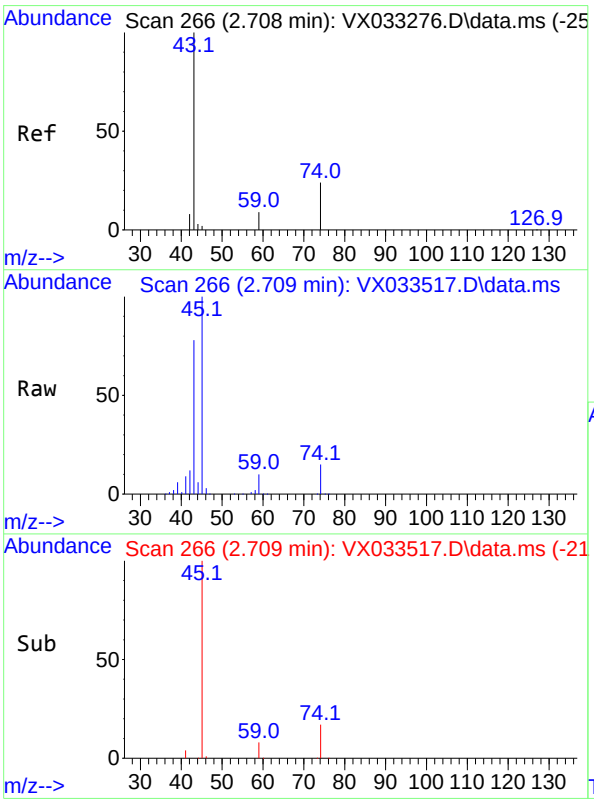
#16
Acetone
Concen: 1269.287 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 43 Resp: 685742

Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.8	35.8

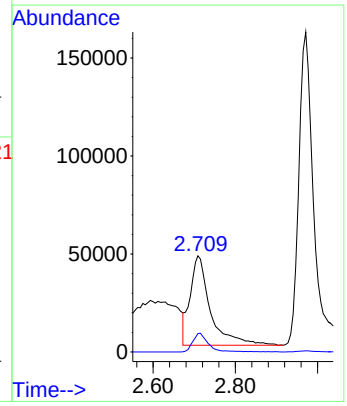


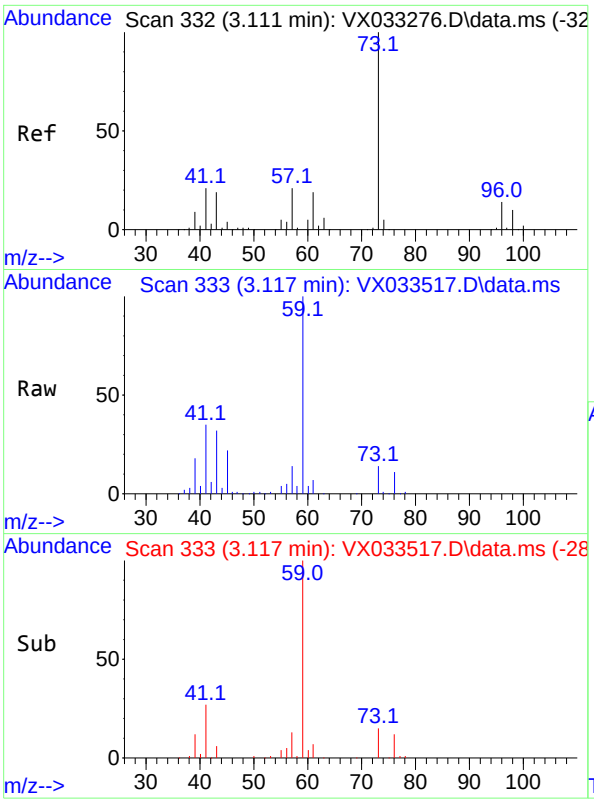


#18
Methyl Acetate
Concen: 100.111 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Tgt Ion: 43 Resp: 156571

Ion	Ratio	Lower	Upper
43	100		
74	15.9	19.4	29.0#



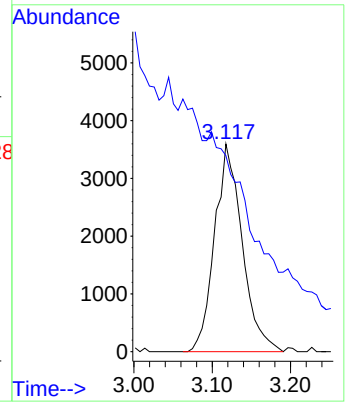


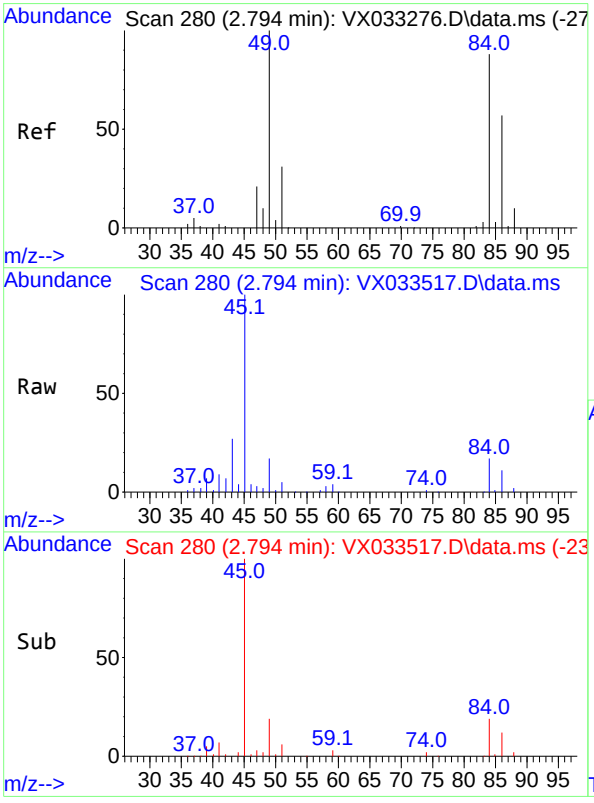
#19
Methyl tert-butyl Ether
Concen: 2.462 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.007 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 73 Resp: 8797

Ion	Ratio	Lower	Upper
73	100		
57	56.0	16.6	25.0#

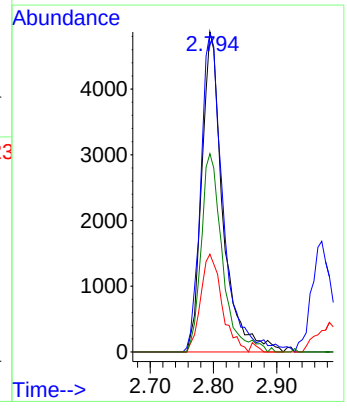


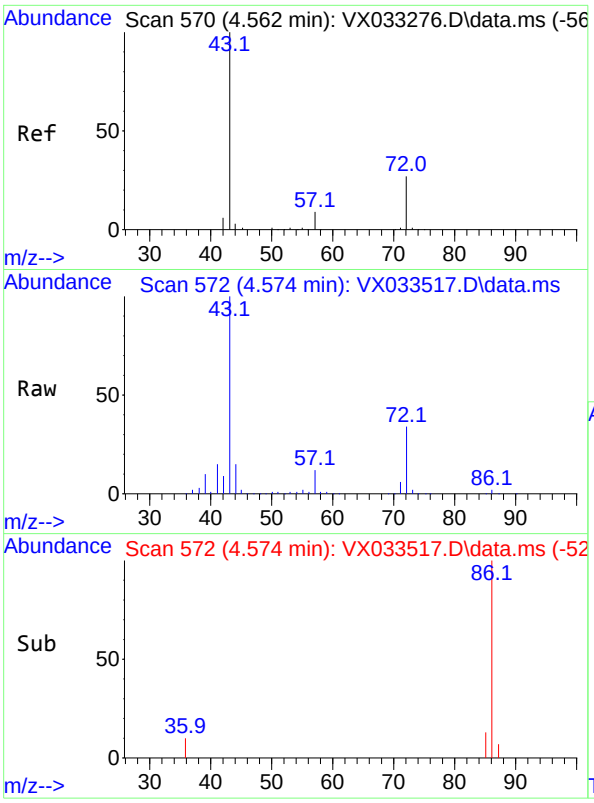


#20
Methylene Chloride
Concen: 9.352 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Tgt Ion: 84 Resp: 11268

Ion	Ratio	Lower	Upper
84	100		
49	99.7	101.0	151.6#
51	30.6	31.1	46.7#
86	62.0	52.3	78.5



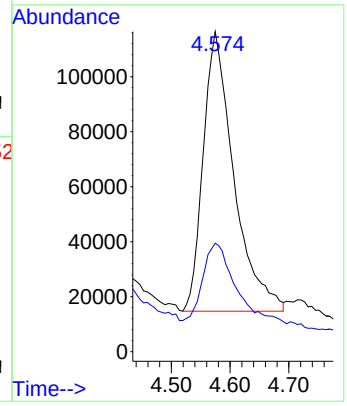


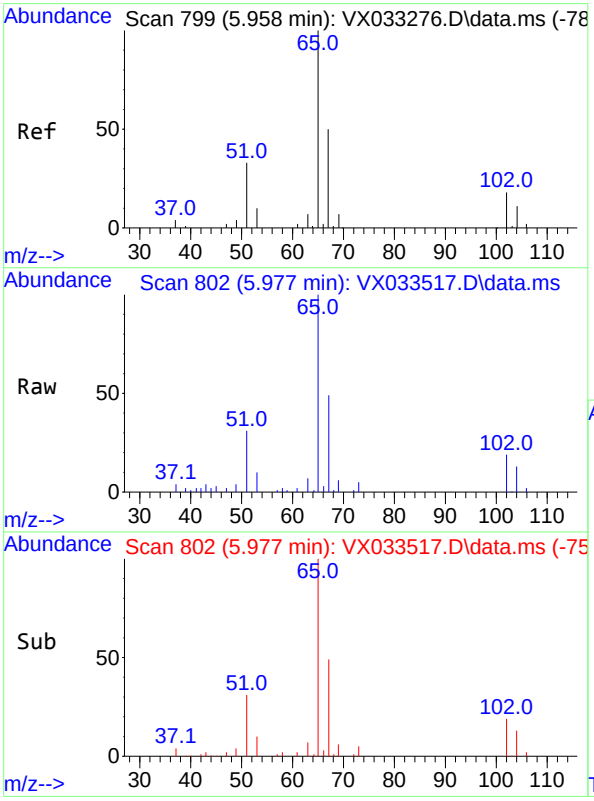
#25
2-Butanone
Concen: 474.757 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.013 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 43 Resp: 368172

Ion	Ratio	Lower	Upper
43	100		
72	28.1	22.2	33.2

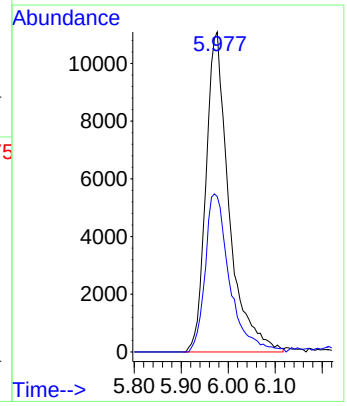


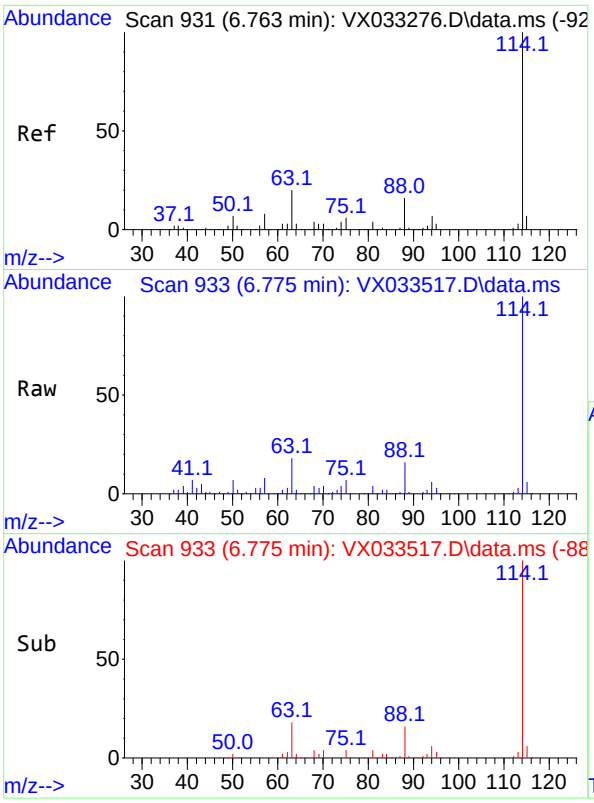


#33
1,2-Dichloroethane-d4
Concen: 51.665 ug/l
RT: 5.977 min Scan# 802
Delta R.T. 0.019 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Tgt Ion: 65 Resp: 37721

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	101.8



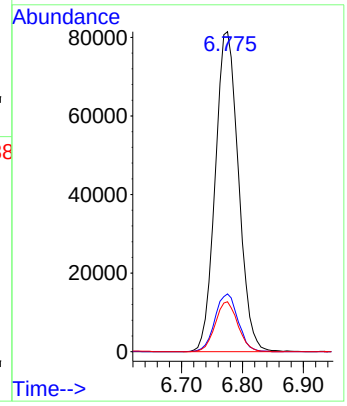


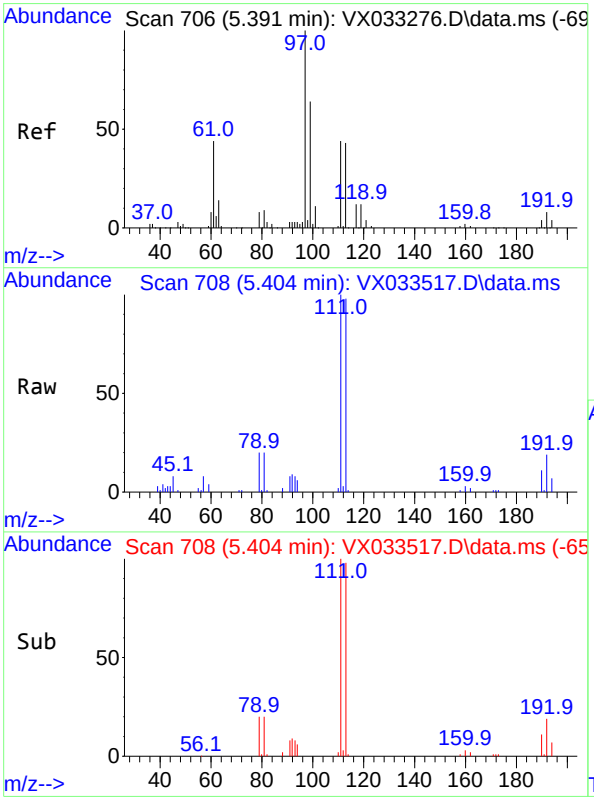
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 9
Delta R.T. 0.013 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion:114 Resp: 215594

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	41.6
88	15.6	0.0	33.4

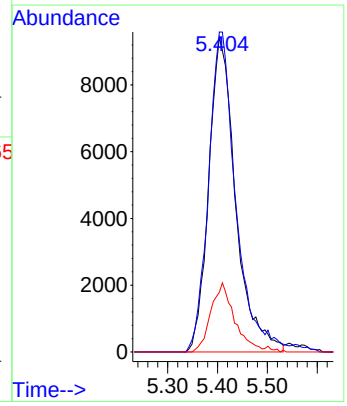


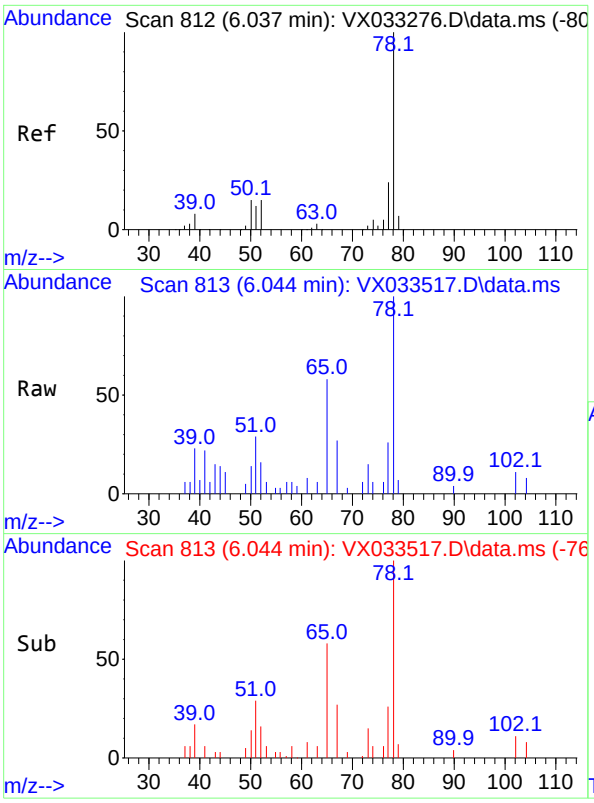


#35
Dibromofluoromethane
Concen: 36.516 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.013 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Tgt Ion:113 Resp: 35410

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	19.2	15.4	23.2



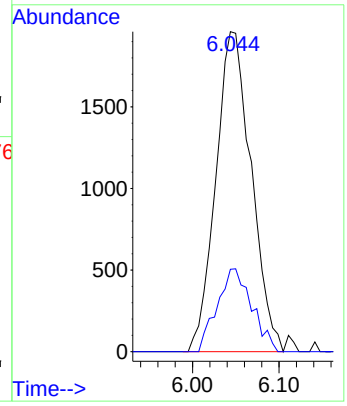


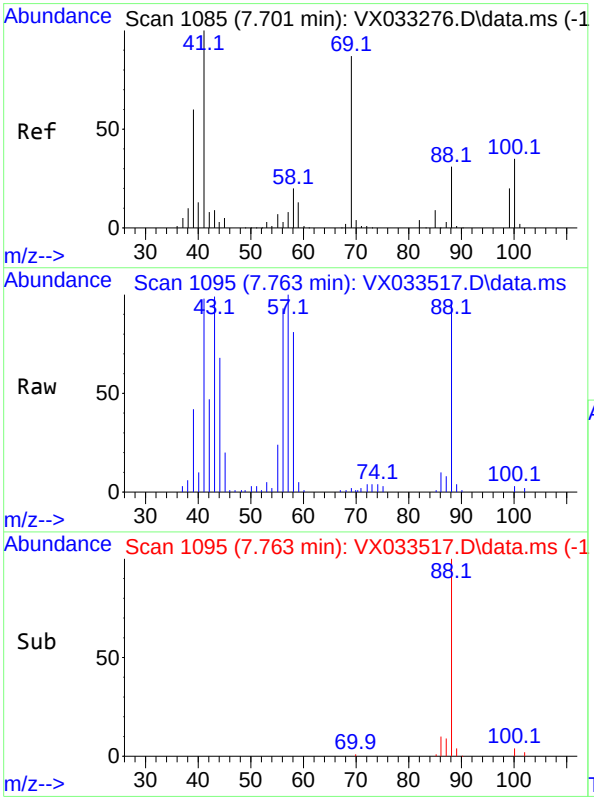
#40
Benzene
Concen: 1.011 ug/l
RT: 6.044 min Scan# 8
Delta R.T. 0.007 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 78 Resp: 5574

Ion	Ratio	Lower	Upper
78	100		
77	25.8	19.0	28.4

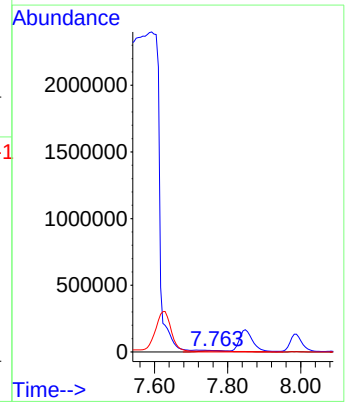


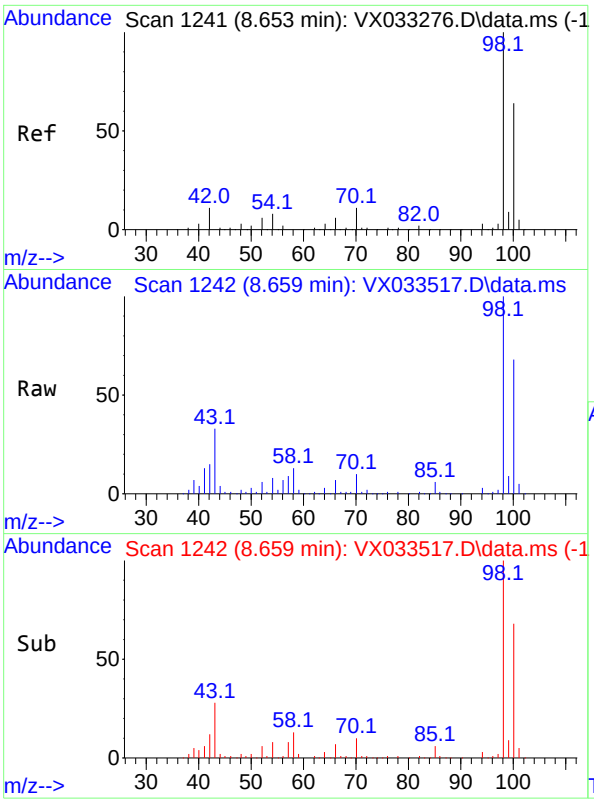


#49
1,4-Dioxane
Concen: 1528.510 ug/l
RT: 7.763 min Scan# 1095
Delta R.T. 0.061 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Tgt Ion: 88 Resp: 51727

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	39.8#
58	79.2	51.7	77.5#



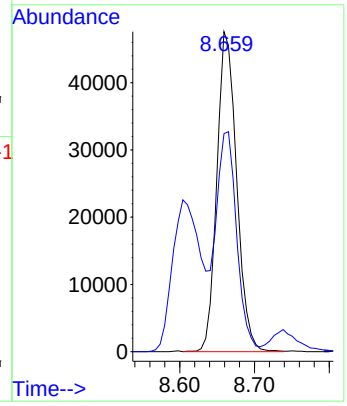


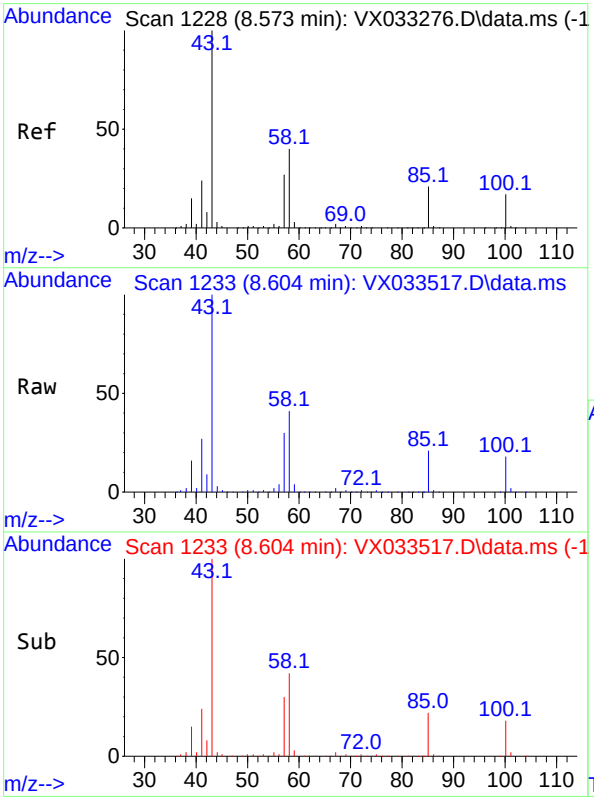
#50
Toluene-d8
Concen: 43.149 ug/l
RT: 8.659 min Scan# 1
Delta R.T. 0.007 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 98 Resp: 87530

Ion	Ratio	Lower	Upper
98	100		
100	73.9	50.9	76.3

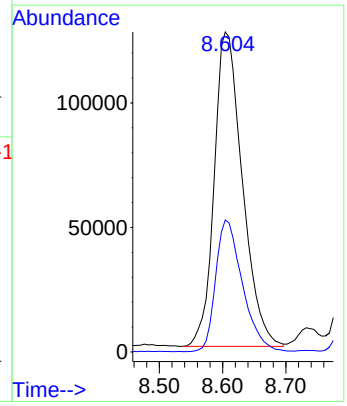


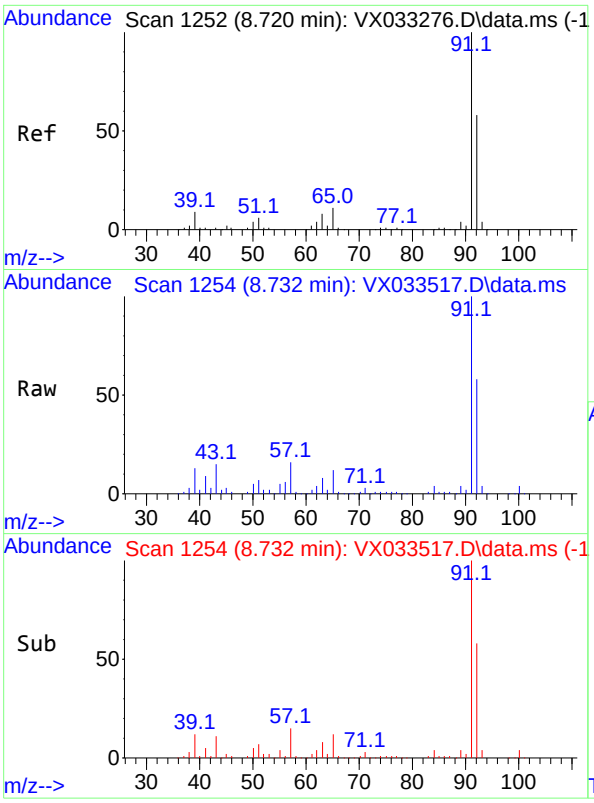


#51
4-Methyl-2-Pentanone
Concen: 215.137 ug/l
RT: 8.604 min Scan# 1233
Delta R.T. 0.031 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Tgt Ion: 43 Resp: 391213

Ion	Ratio	Lower	Upper
43	100		
58	39.7	30.9	46.3



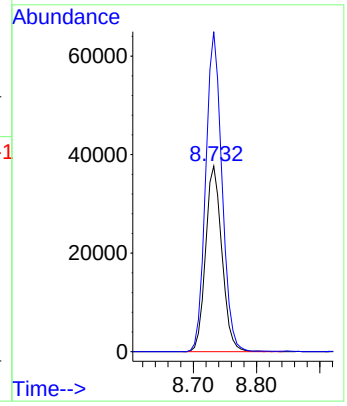


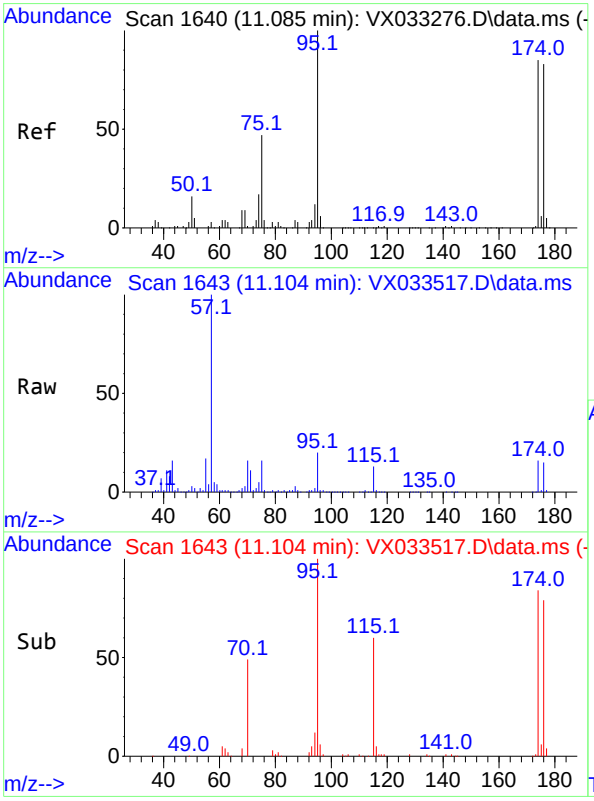
#52
Toluene
Concen: 18.964 ug/l
RT: 8.732 min Scan# 1
Delta R.T. 0.013 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 92 Resp: 67587

Ion	Ratio	Lower	Upper
92	100		
91	172.1	138.3	207.5

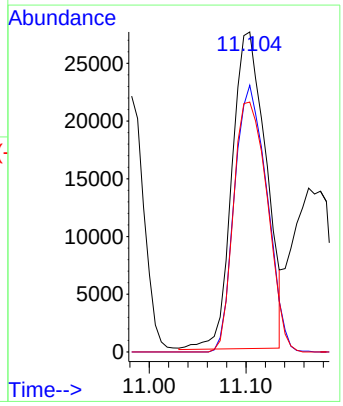


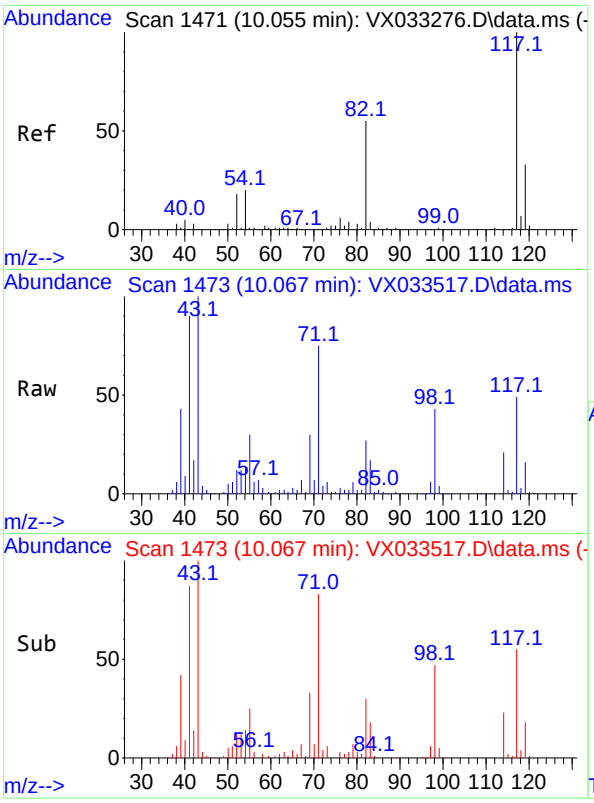


#62
4-Bromofluorobenzene
Concen: 43.150 ug/l
RT: 11.104 min Scan# 1643
Delta R.T. 0.019 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Tgt Ion: 95 Resp: 66928

Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	164.0
176	78.7	0.0	154.4



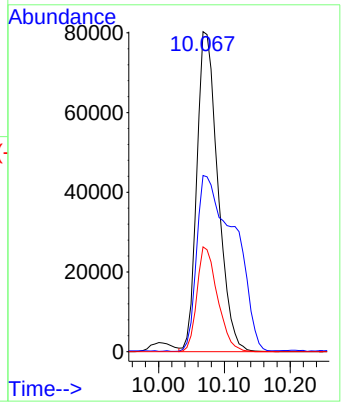


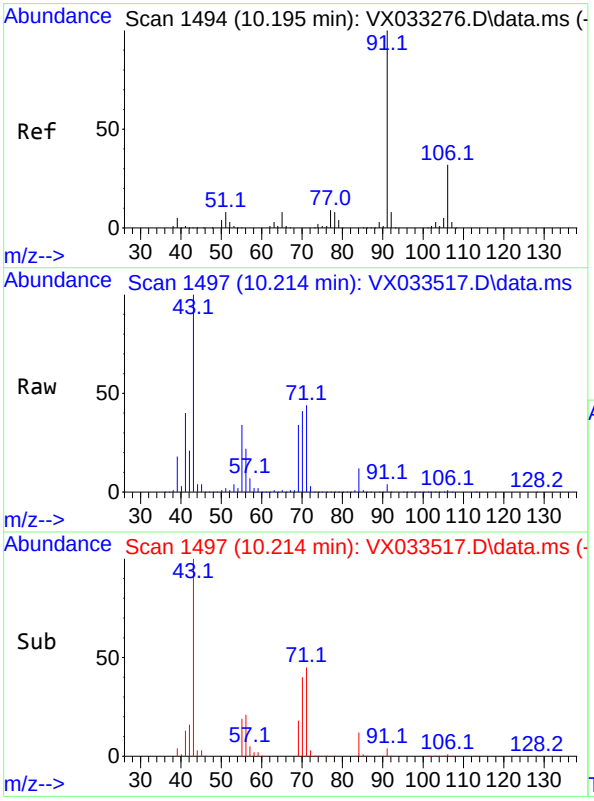
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.067 min Scan# 14
Delta R.T. 0.013 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion:117 Resp: 178849

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.3	66.5
119	32.7	25.7	38.5

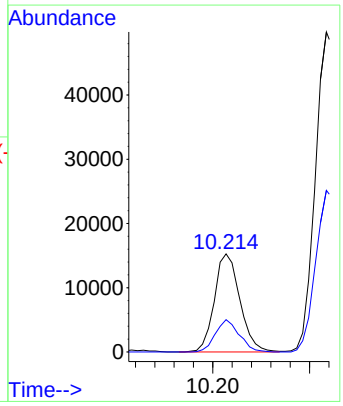


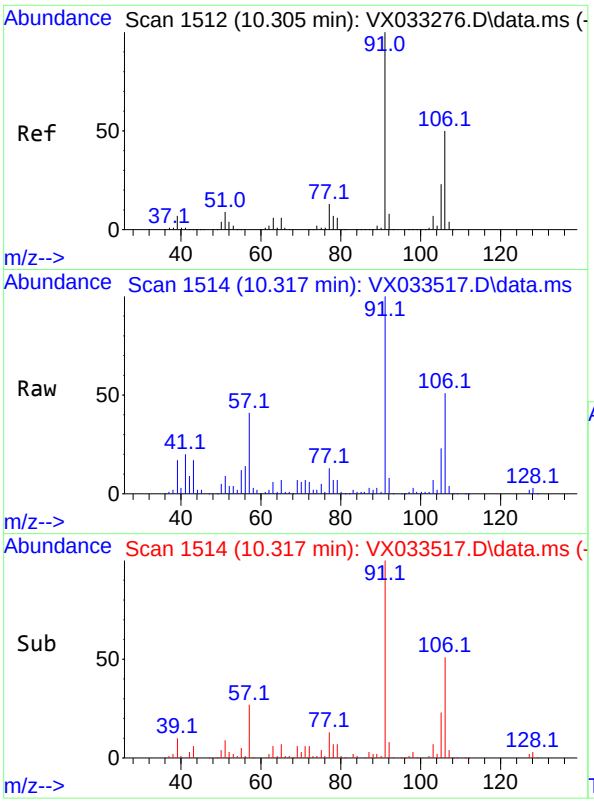


#67
Ethyl Benzene
Concen: 4.424 ug/l
RT: 10.214 min Scan# 1497
Delta R.T. 0.019 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Tgt Ion: 91 Resp: 27912

Ion	Ratio	Lower	Upper
91	100		
106	32.9	25.0	37.6



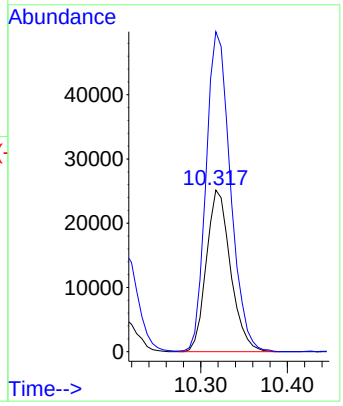


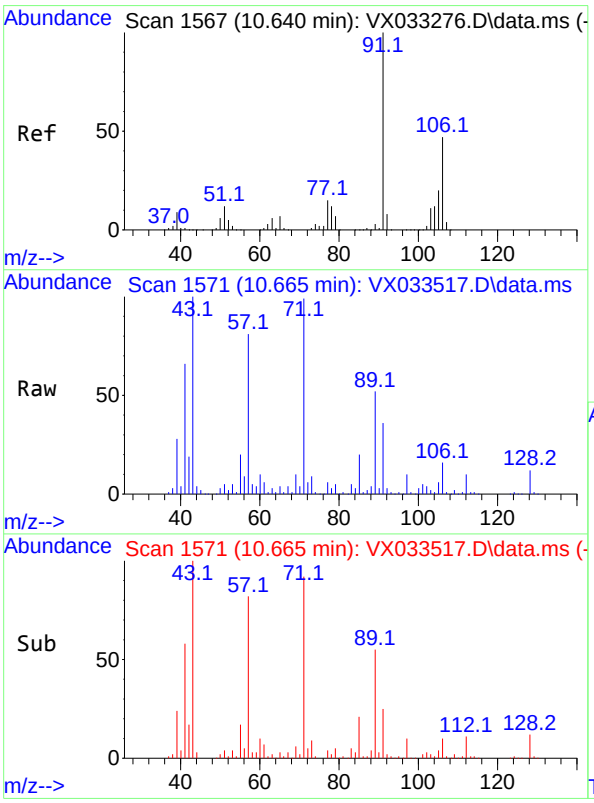
#68
m/p-Xylenes
Concen: 19.861 ug/l
RT: 10.317 min Scan# 1
Delta R.T. 0.013 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion:106 Resp: 48756

Ion	Ratio	Lower	Upper
106	100		
91	199.7	164.5	246.7

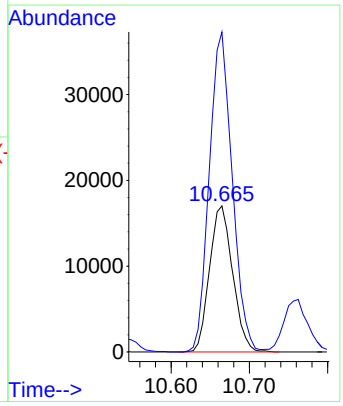


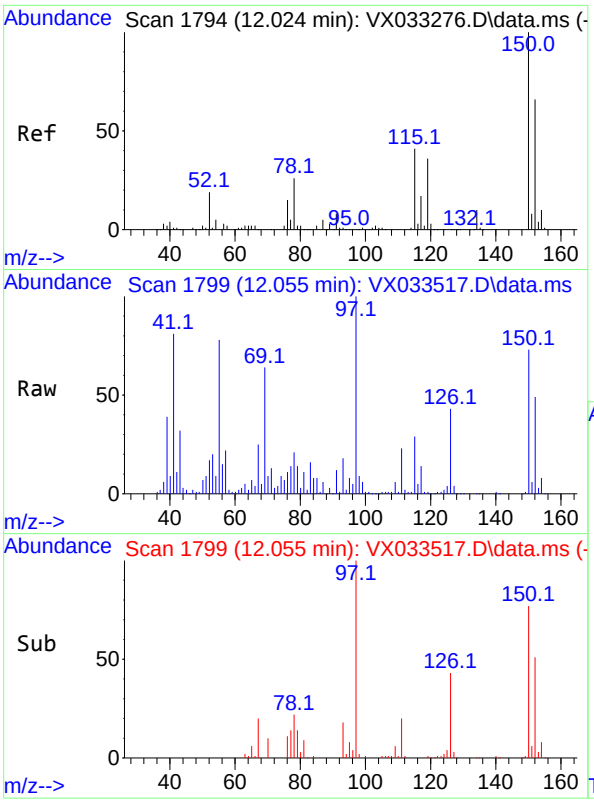


#69
o-Xylene
Concen: 14.381 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.025 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Tgt Ion:106 Resp: 34895

Ion	Ratio	Lower	Upper
106	100		
91	217.4	109.2	327.6



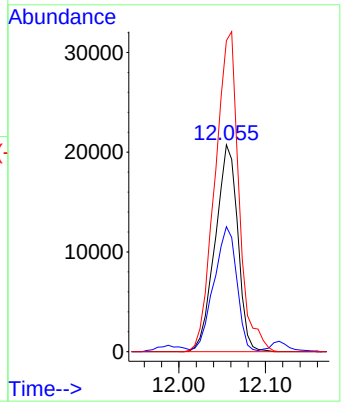


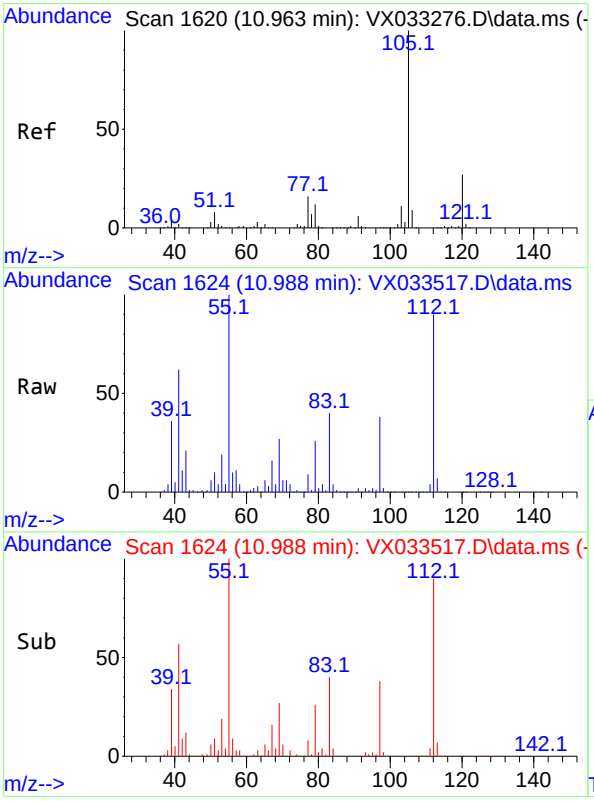
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.055 min Scan# 1
Delta R.T. 0.031 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion:152 Resp: 37567

Ion	Ratio	Lower	Upper
152	100		
115	59.9	44.0	132.0
150	163.6	0.0	351.8

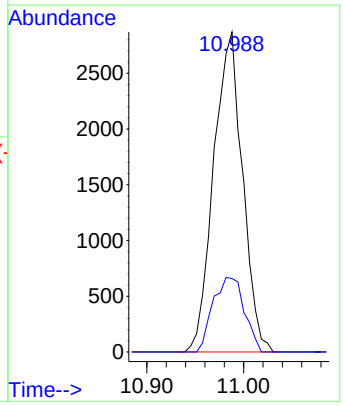


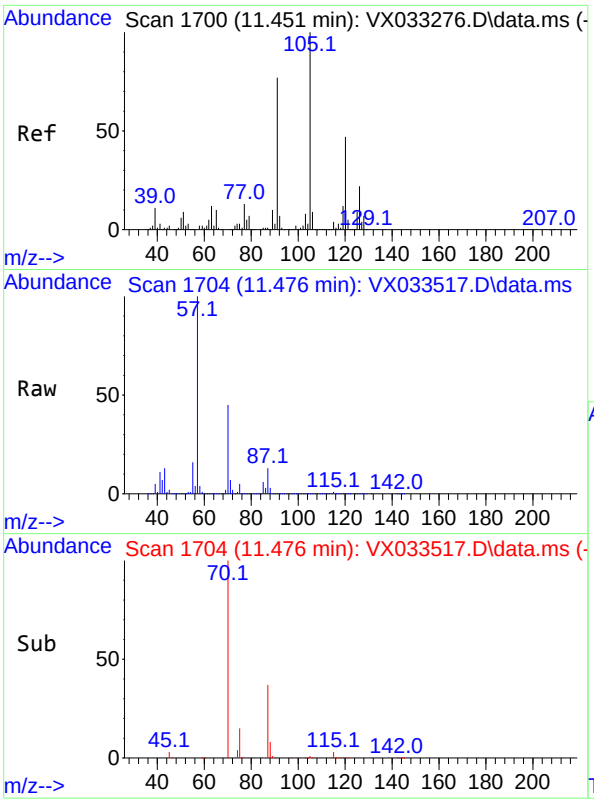


#73
Isopropylbenzene
Concen: 2.186 ug/l
RT: 10.988 min Scan# 1624
Delta R.T. 0.025 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Tgt Ion:105 Resp: 5952

Ion	Ratio	Lower	Upper
105	100		
120	25.3	13.1	39.3



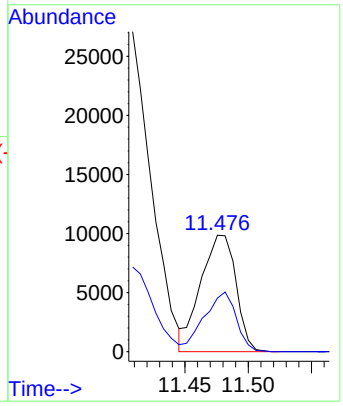


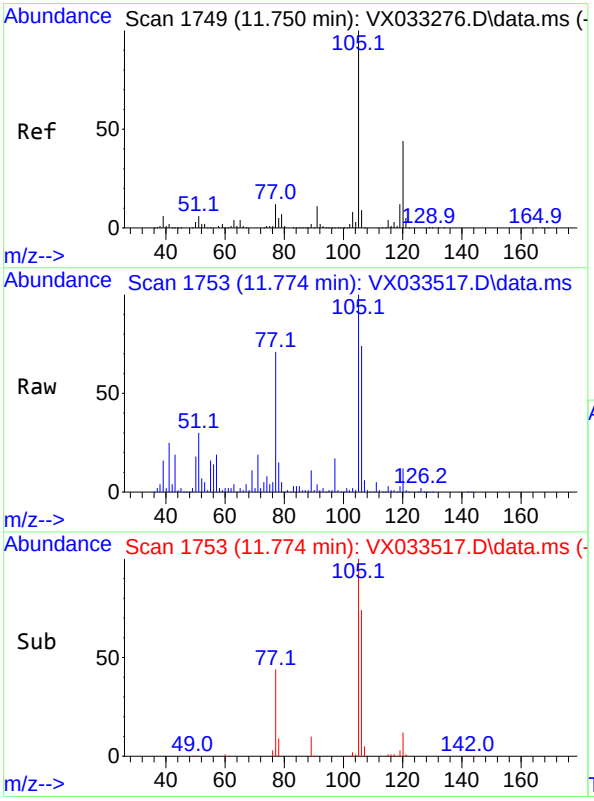
#80
1,3,5-Trimethylbenzene
Concen: 8.432 ug/l
RT: 11.476 min Scan# 1
Delta R.T. 0.025 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion:105 Resp: 19112

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.6	71.0





#84
1,2,4-Trimethylbenzene
Concen: 93.419 ug/l m
RT: 11.774 min Scan# 1753
Delta R.T. 0.025 min
Lab File: VX033517.D
Acq: 20 Dec 2022 18:44

Tgt Ion:105 Resp: 211360

Ion	Ratio	Lower	Upper
105	100		
120	3.7	21.9	65.5#