Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
Data File : VX032881.D
Acq On : 16 Nov 2022 20:15
Operator : JC/MD
Sample : N5632-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MLMR-SILICA-115

Quant Time: Nov 17 05:45:00 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	128073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214352	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	106547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86217	48.449	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.900%			
35) Dibromofluoromethane	5.391	113	72631	47.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.000%			
50) Toluene-d8	8.653	98	270696	50.915	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.079	95	118147	56.889	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.780%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.983	59	57884	223.481	ug/l #	94
16) Acetone	2.385	43	113013	174.731	ug/l	100
18) Methyl Acetate	2.702	43	13338	6.342	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	14330	3.174	ug/l	96
20) Methylene Chloride	2.794	84	2966	2.000	ug/l #	73
25) 2-Butanone	4.562	43	92496	92.307	ug/l	99
40) Benzene	6.043	78	8392	1.393	ug/l #	90
49) 1,4-Dioxane	7.708	88	37067	1106.704	ug/l #	83
51) 4-Methyl-2-Pentanone	8.573	43	108383	50.566	ug/l	99
52) Toluene	8.720	92	39254	9.986	ug/l	99
67) Ethyl Benzene	10.195	91	63808	7.855	ug/l	98
68) m/p-Xylenes	10.299	106	127921	40.552	ug/l	97
69) o-Xylene	10.640	106	72248	23.557	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	29101	4.033	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	196725	27.411	ug/l	86
95) Naphthalene	13.780	128	66806	7.987	ug/l	100

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

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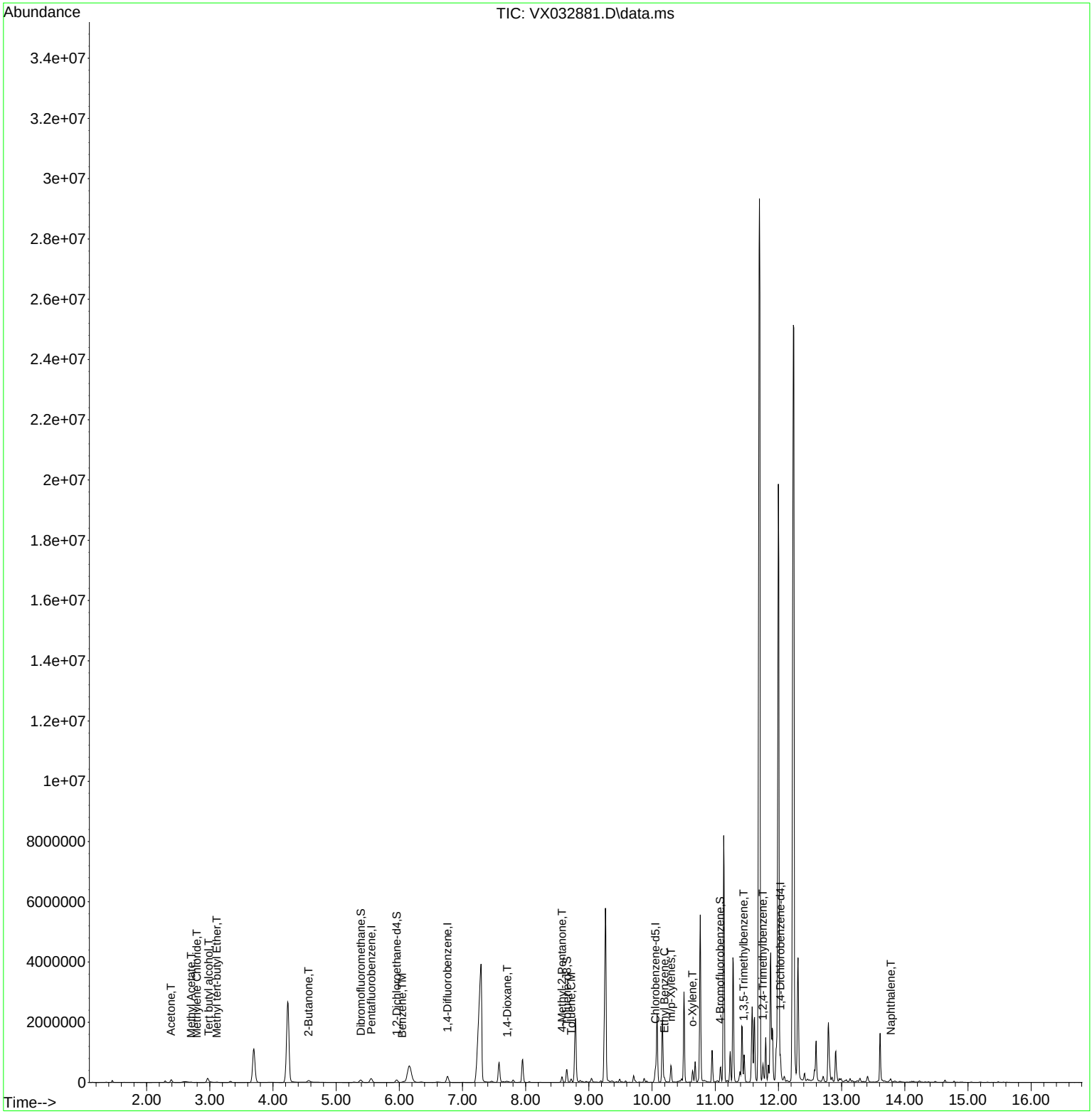
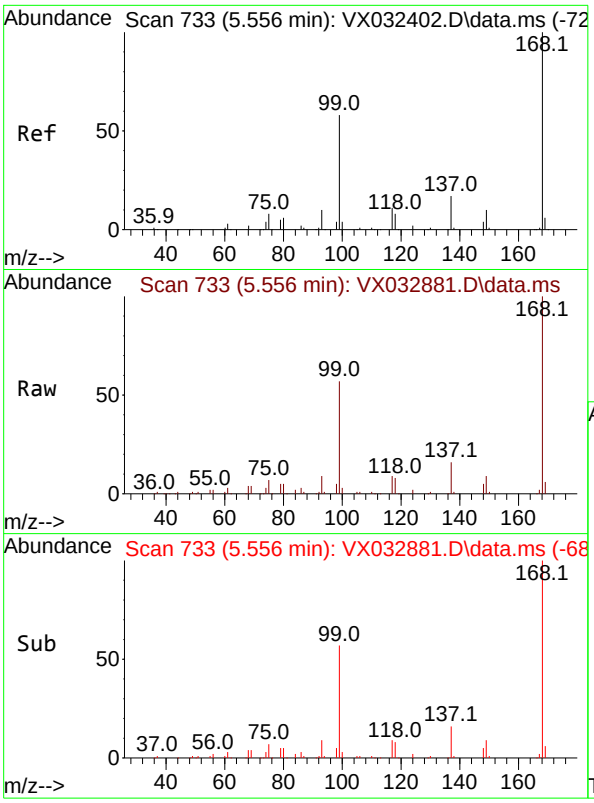


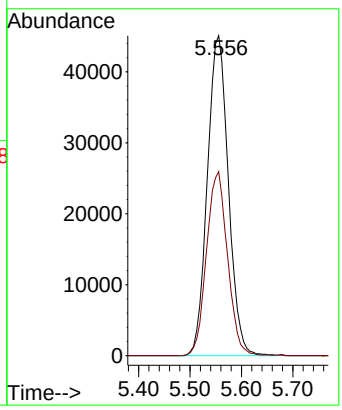


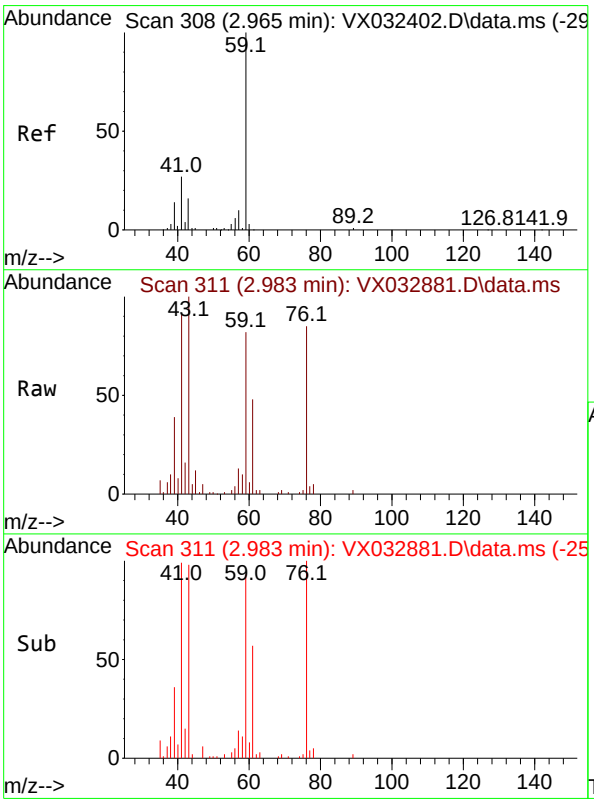
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
MLMR-SILICA-115

Tgt Ion:168 Resp: 128073

Ion	Ratio	Lower	Upper
168	100		
99	57.5	46.1	69.1

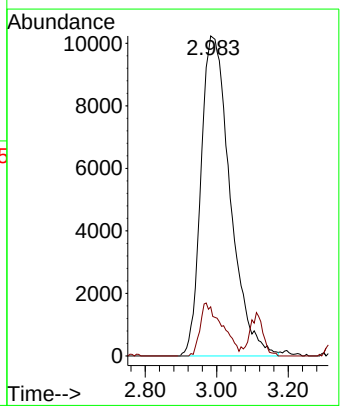


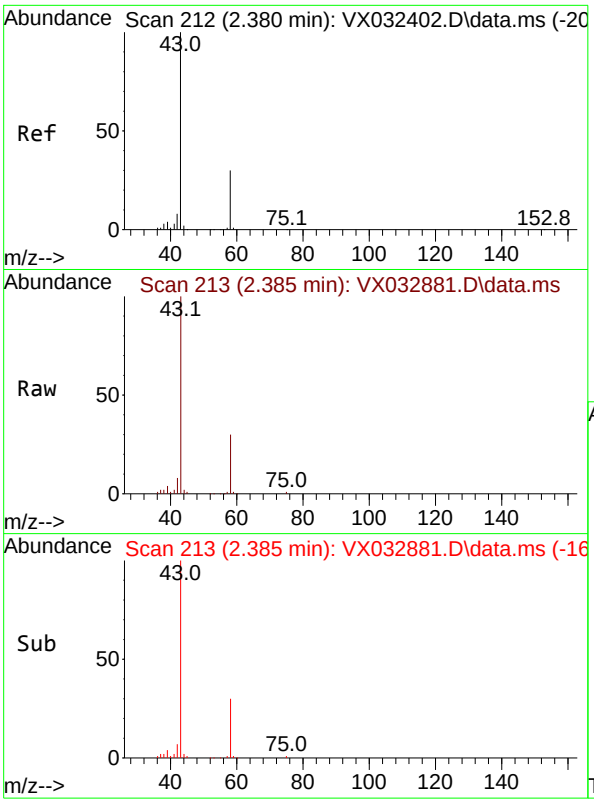


#11
Tert butyl alcohol
Concen: 223.481 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Tgt Ion: 59 Resp: 57884

Ion	Ratio	Lower	Upper
59	100		
57	12.5	8.2	12.4#



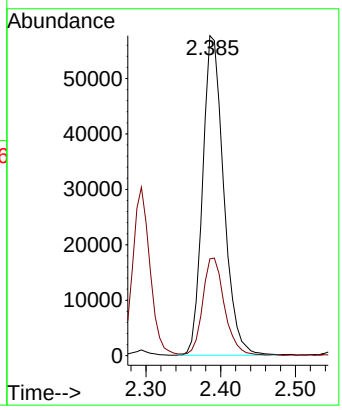


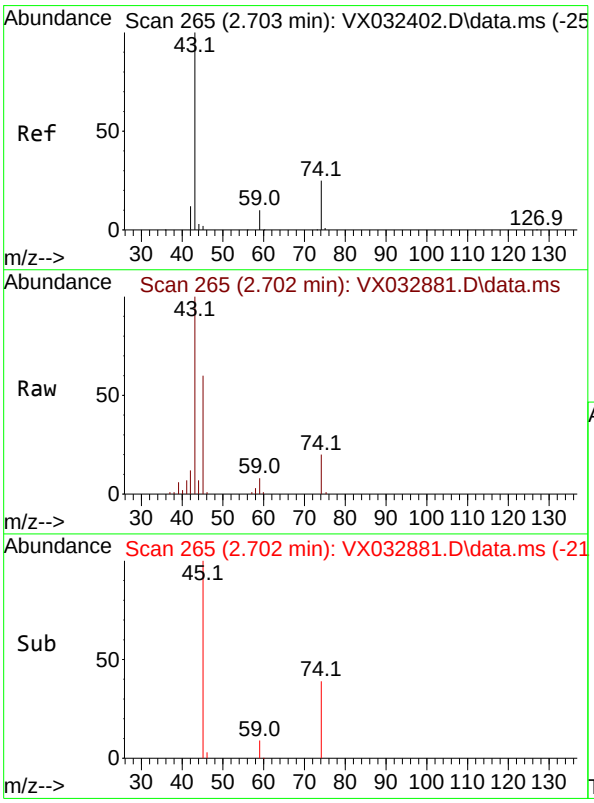
#16
Acetone
Concen: 174.731 ug/l
RT: 2.385 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
MLMR-SILICA-115

Tgt Ion: 43 Resp: 113013

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.8	35.8

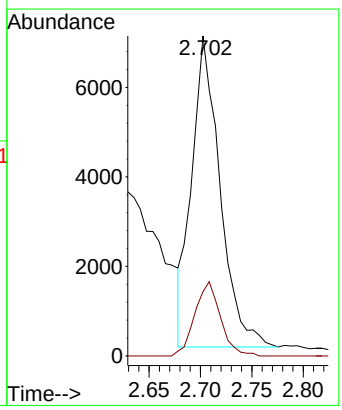


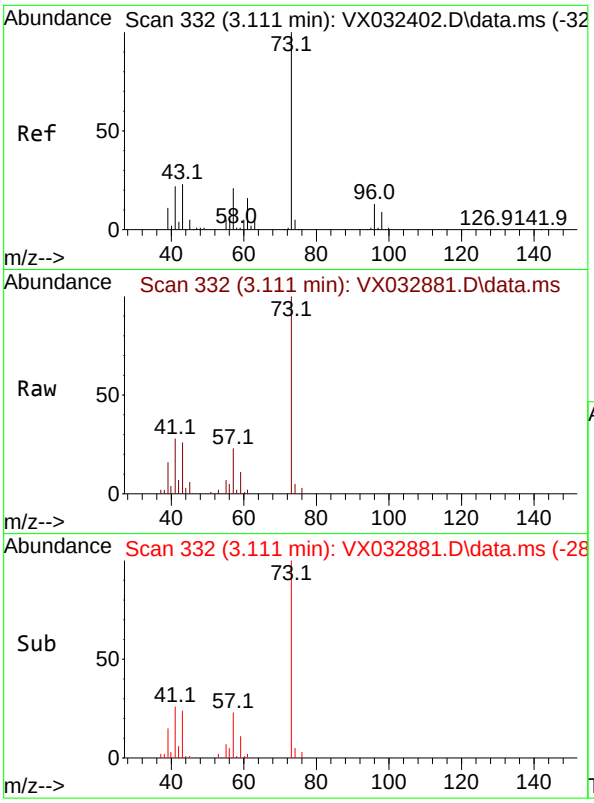


#18
Methyl Acetate
Concen: 6.342 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Tgt Ion: 43 Resp: 13338

Ion	Ratio	Lower	Upper
43	100		
74	21.6	19.4	29.0



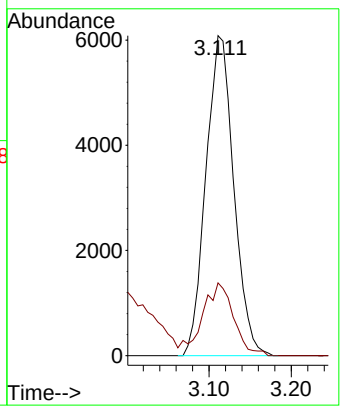


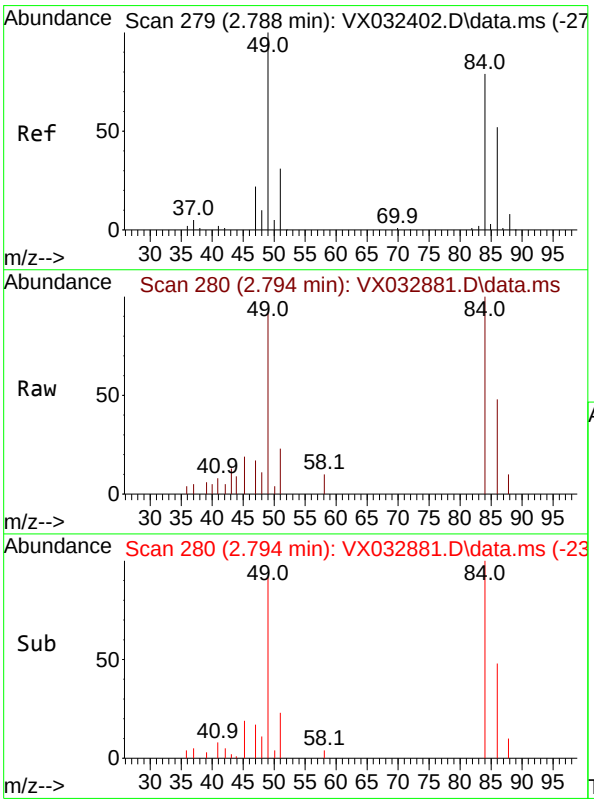
#19
Methyl tert-butyl Ether
Concen: 3.174 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
MLMR-SILICA-115

Tgt Ion: 73 Resp: 14330

Ion	Ratio	Lower	Upper
73	100		
57	22.8	16.6	25.0

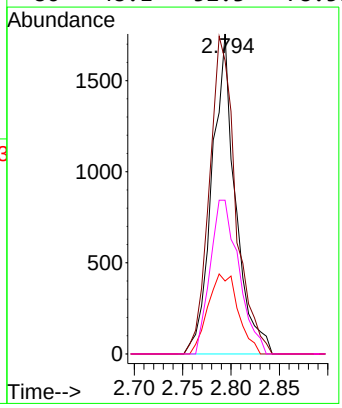


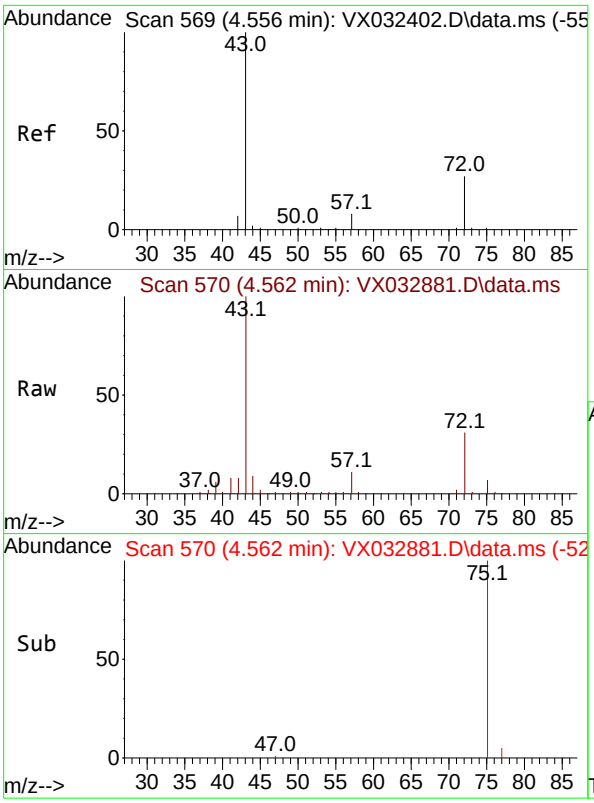


#20
Methylene Chloride
Concen: 2.000 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Tgt Ion: 84 Resp: 2966

Ion	Ratio	Lower	Upper
84	100		
49	91.6	101.0	151.6#
51	22.8	31.1	46.7#
86	48.1	52.3	78.5#



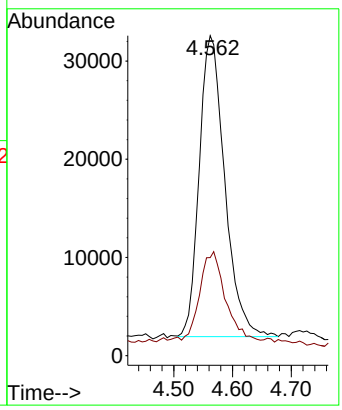


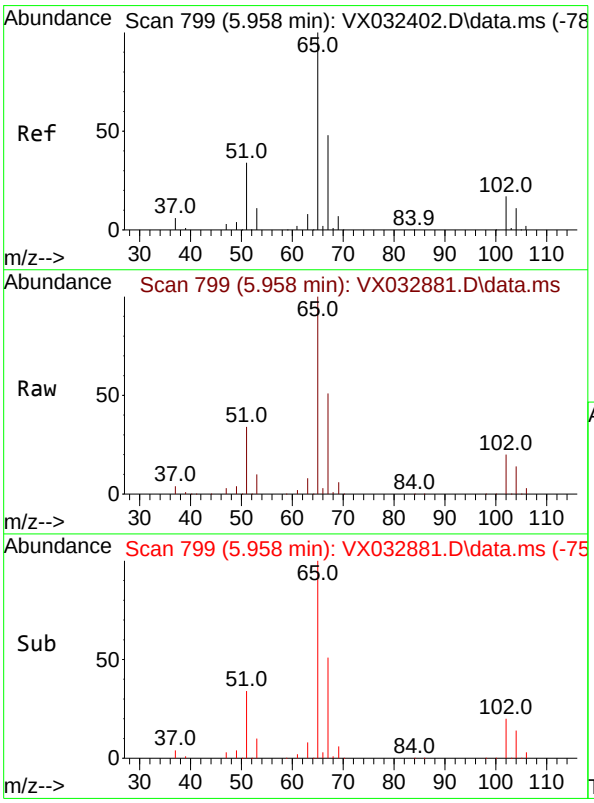
#25
2-Butanone
Concen: 92.307 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
MLMR-SILICA-115

Tgt Ion: 43 Resp: 92496

Ion	Ratio	Lower	Upper
43	100		
72	27.2	22.2	33.2

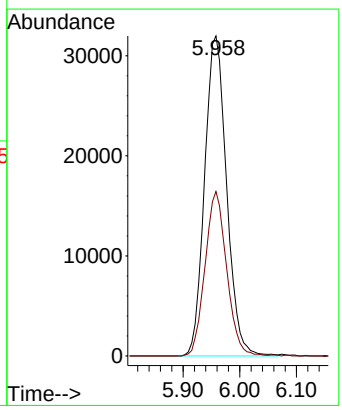


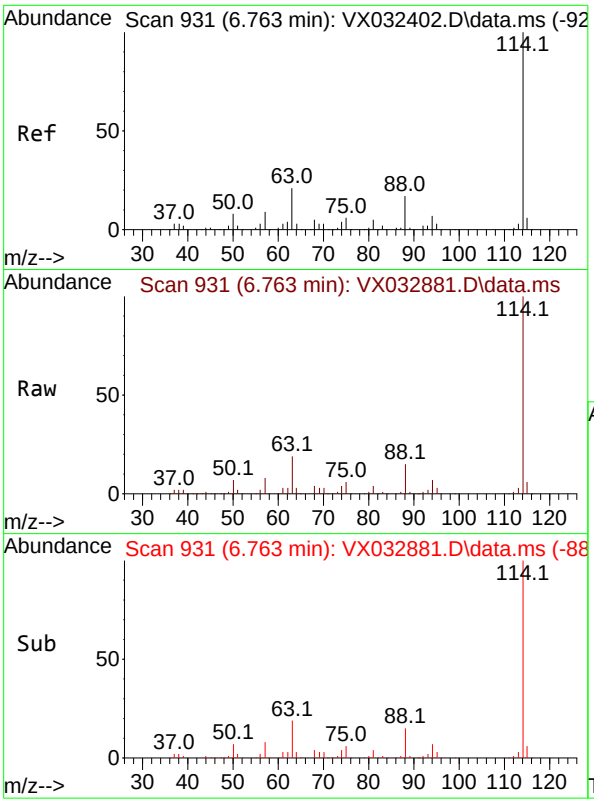


#33
1,2-Dichloroethane-d4
Concen: 48.449 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Tgt Ion: 65 Resp: 86217

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	101.8



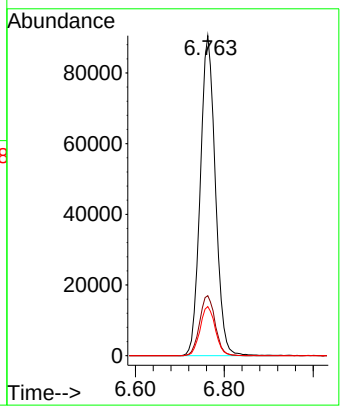


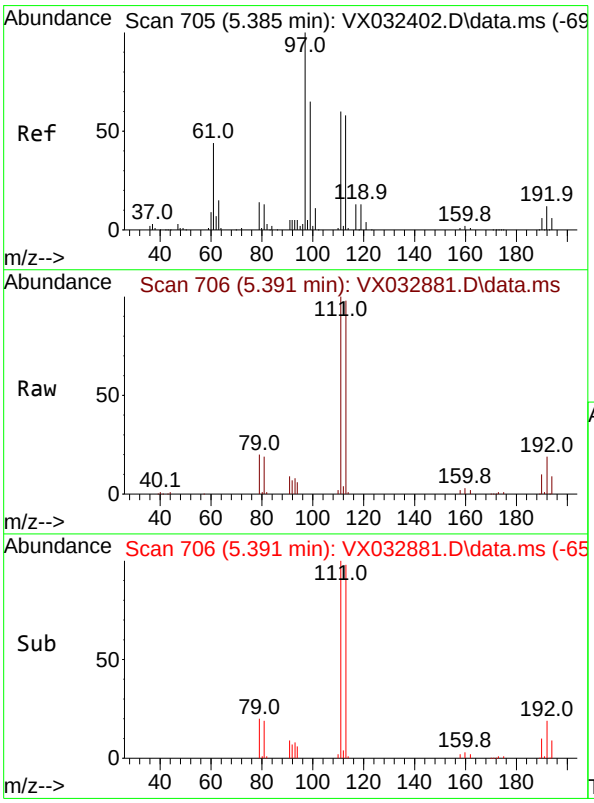
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
MLMR-SILICA-115

Tgt Ion:114 Resp: 214352

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	41.6
88	15.4	0.0	33.4

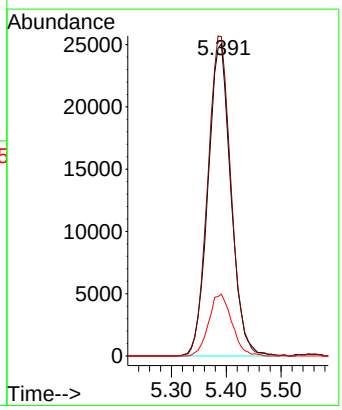


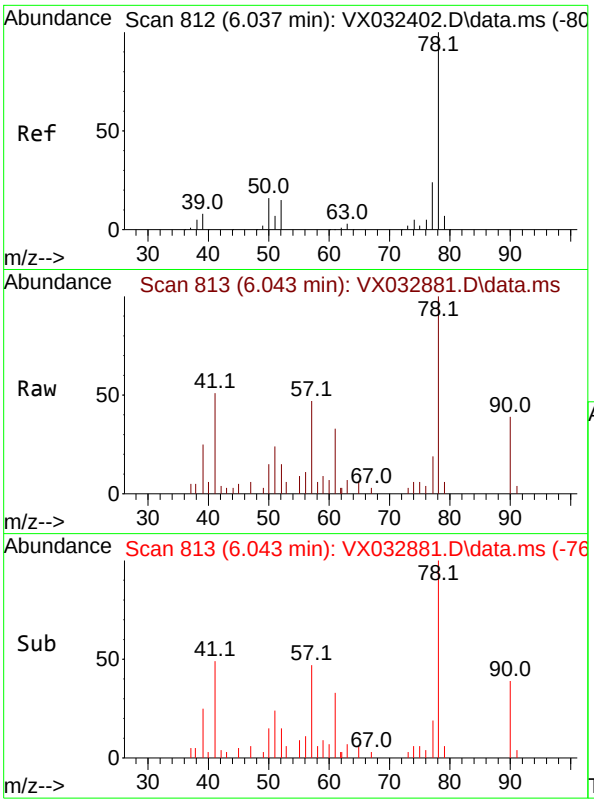


#35
Dibromofluoromethane
Concen: 47.502 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Tgt Ion:113 Resp: 72631

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.4	123.6
192	20.1	15.4	23.2



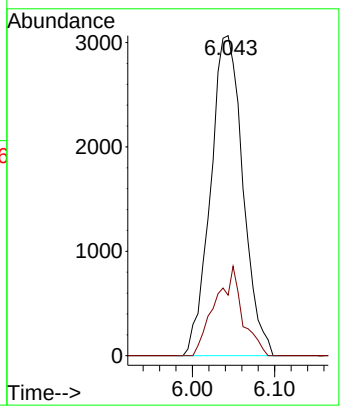


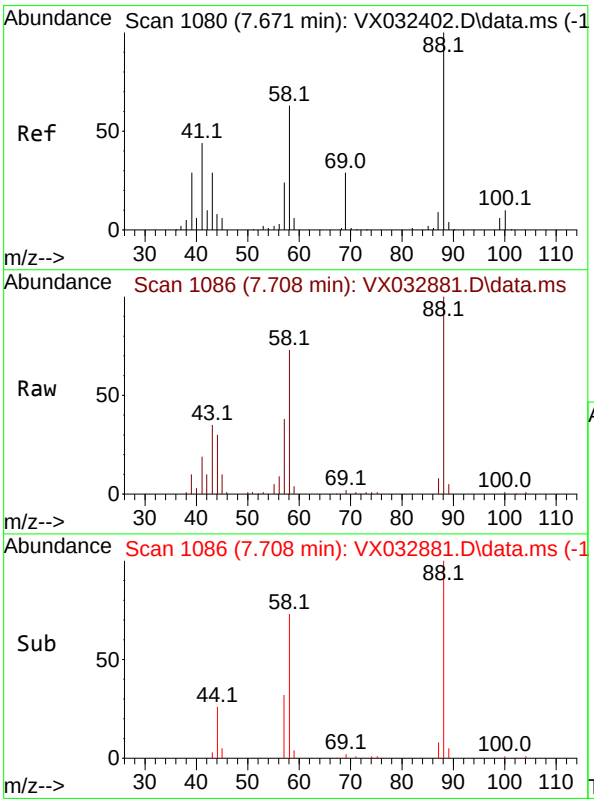
#40
Benzene
Concen: 1.393 ug/l
RT: 6.043 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
MLMR-SILICA-115

Tgt Ion: 78 Resp: 8392

Ion	Ratio	Lower	Upper
78	100		
77	18.9	19.0	28.4#

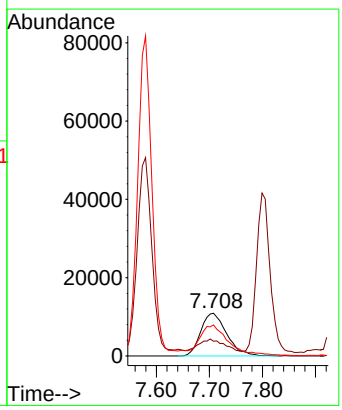


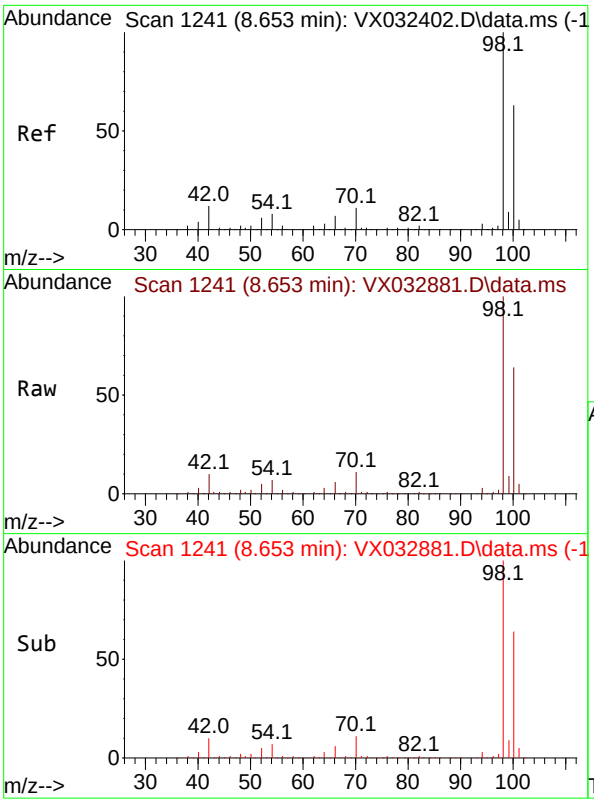


#49
1,4-Dioxane
Concen: 1106.704 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.036 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Tgt Ion: 88 Resp: 37067

Ion	Ratio	Lower	Upper
88	100		
43	29.0	26.6	39.8
58	81.9	51.7	77.5#



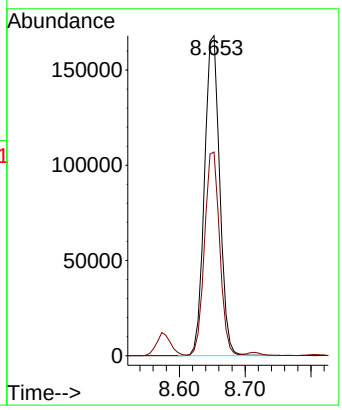


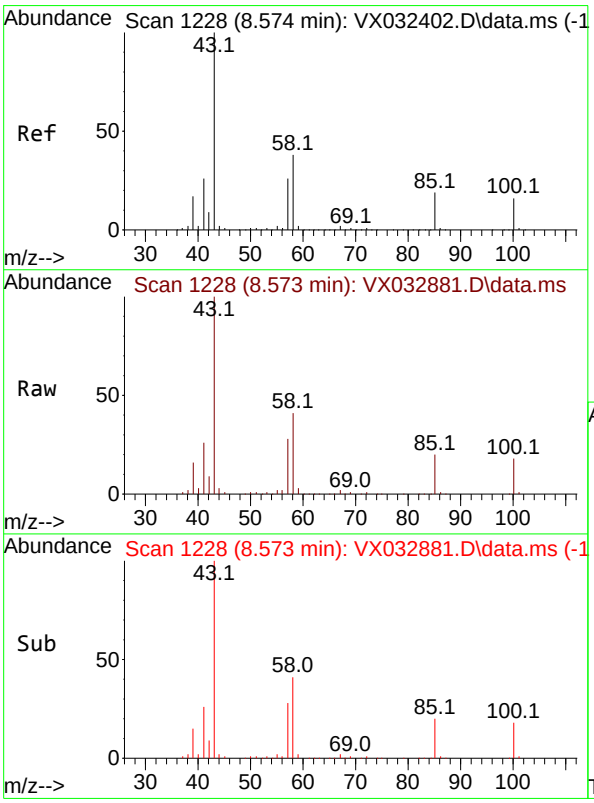
#50
Toluene-d8
Concen: 50.915 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
MLMR-SILICA-115

Tgt Ion: 98 Resp: 270696

Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.9	76.3

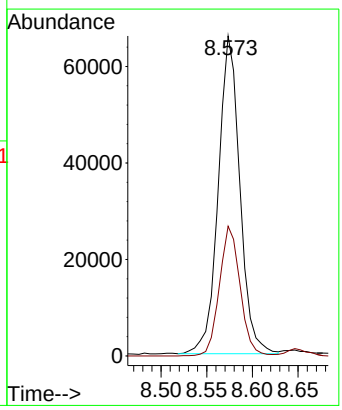


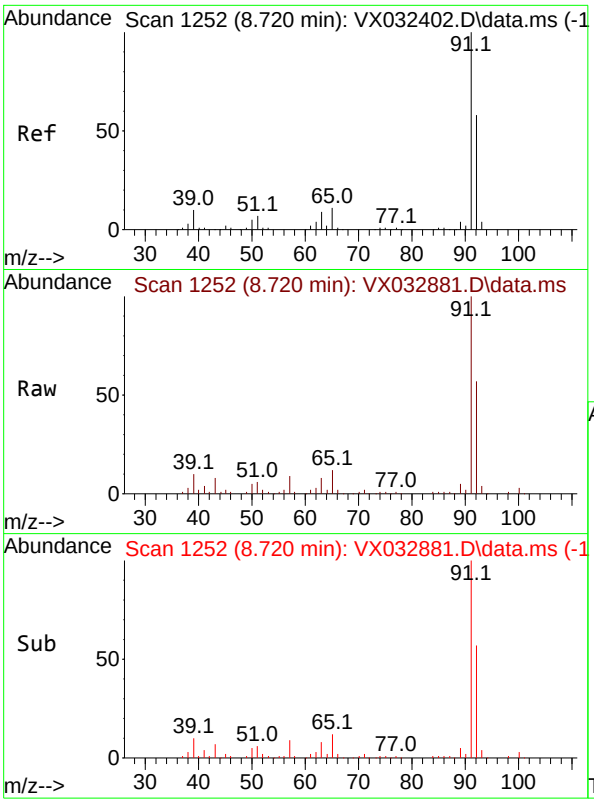


#51
4-Methyl-2-Pentanone
Concen: 50.566 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Tgt Ion: 43 Resp: 108383

Ion	Ratio	Lower	Upper
43	100		
58	39.2	30.9	46.3



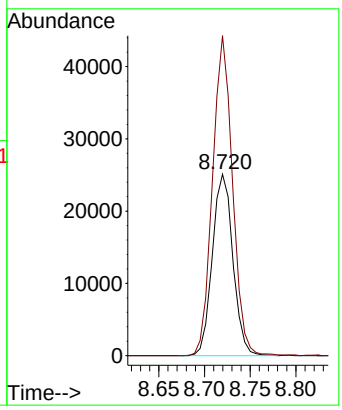


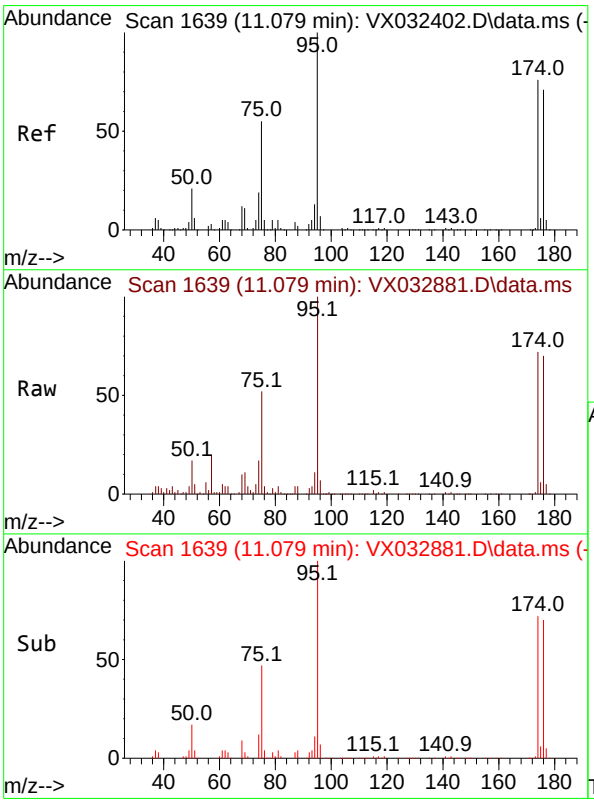
#52
Toluene
Concen: 9.986 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
MLMR-SILICA-115

Tgt Ion: 92 Resp: 39254

Ion	Ratio	Lower	Upper
92	100		
91	171.6	138.3	207.5

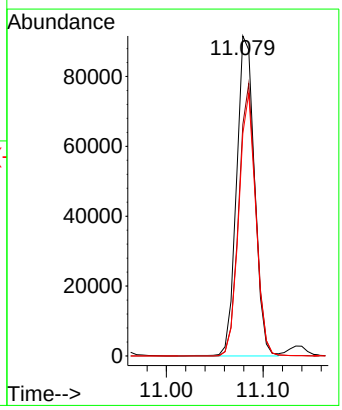


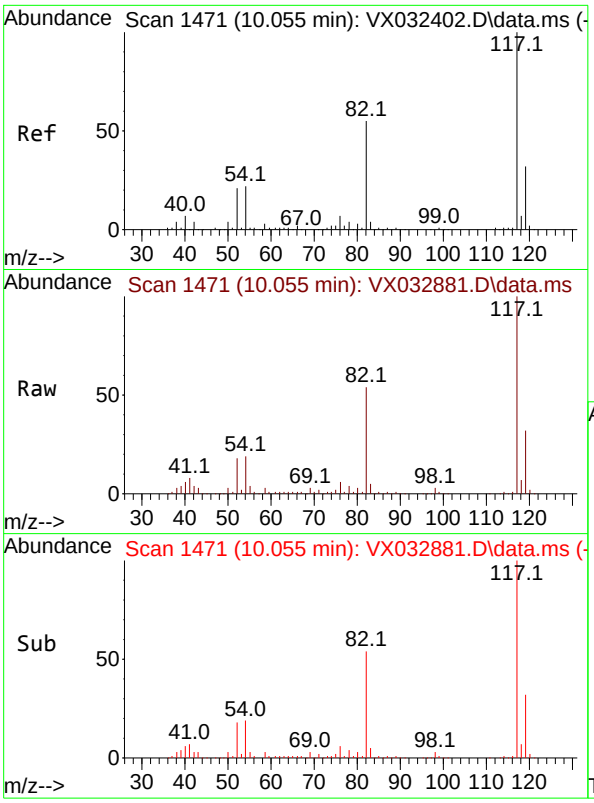


#62
4-Bromofluorobenzene
Concen: 56.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Tgt Ion: 95 Resp: 118147

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	164.0
176	77.9	0.0	154.4



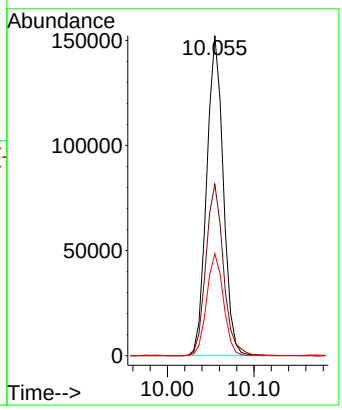


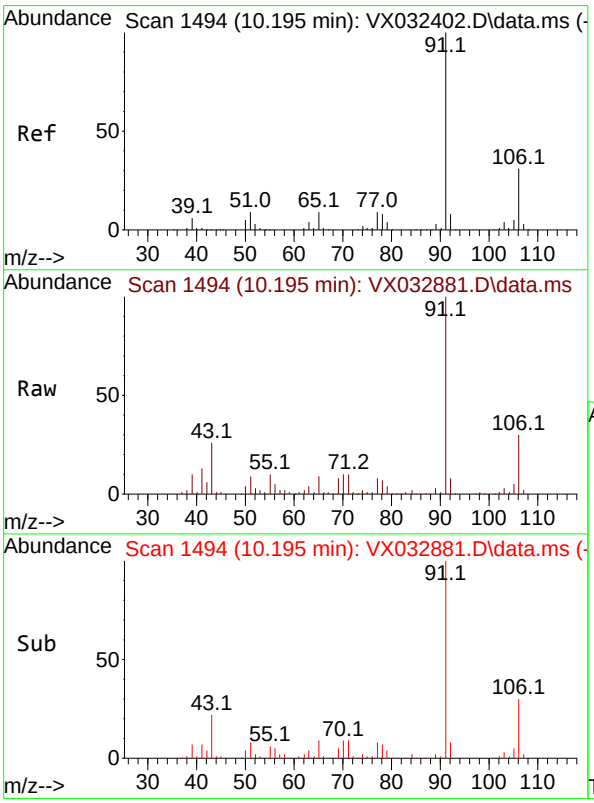
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
MLMR-SILICA-115

Tgt Ion:117 Resp: 202800

Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.3	66.5
119	31.9	25.7	38.5

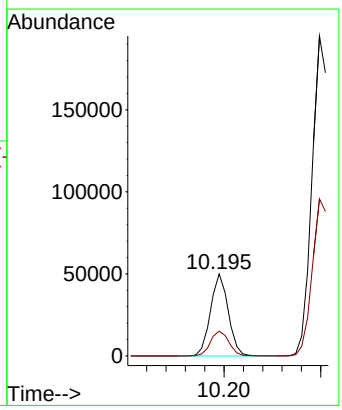


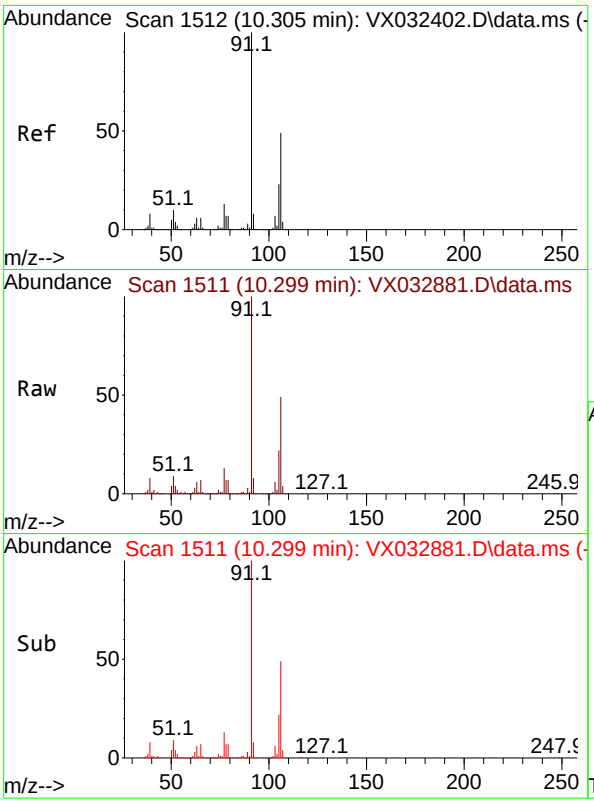


#67
Ethyl Benzene
Concen: 7.855 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Tgt Ion: 91 Resp: 63808

Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.0	37.6



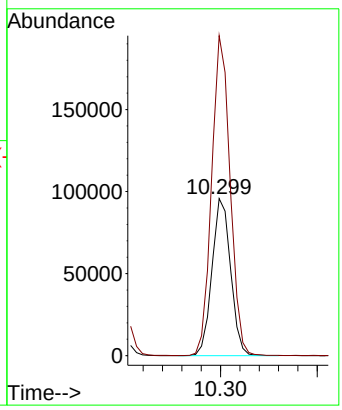


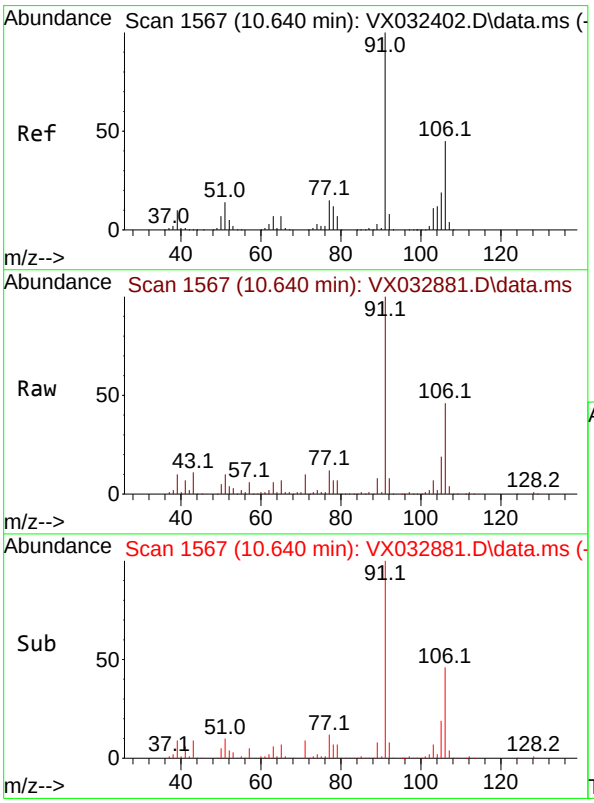
#68
m/p-Xylenes
Concen: 40.552 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
MLMR-SILICA-115

Tgt Ion:106 Resp: 127921

Ion	Ratio	Lower	Upper
106	100		
91	201.7	164.5	246.7

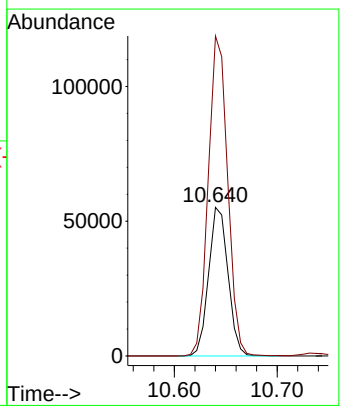


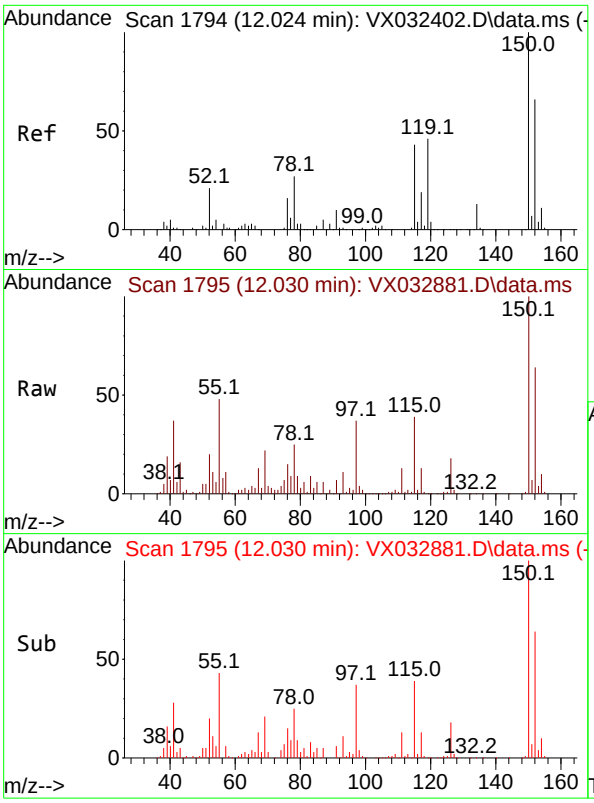


#69
o-Xylene
Concen: 23.557 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Tgt Ion:106 Resp: 72248

Ion	Ratio	Lower	Upper
106	100		
91	215.5	109.2	327.6



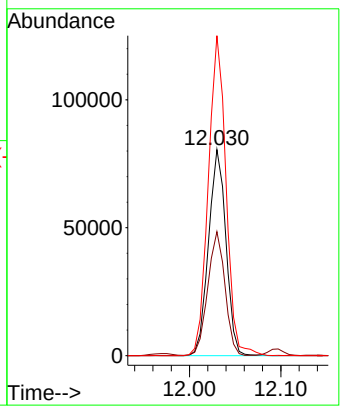


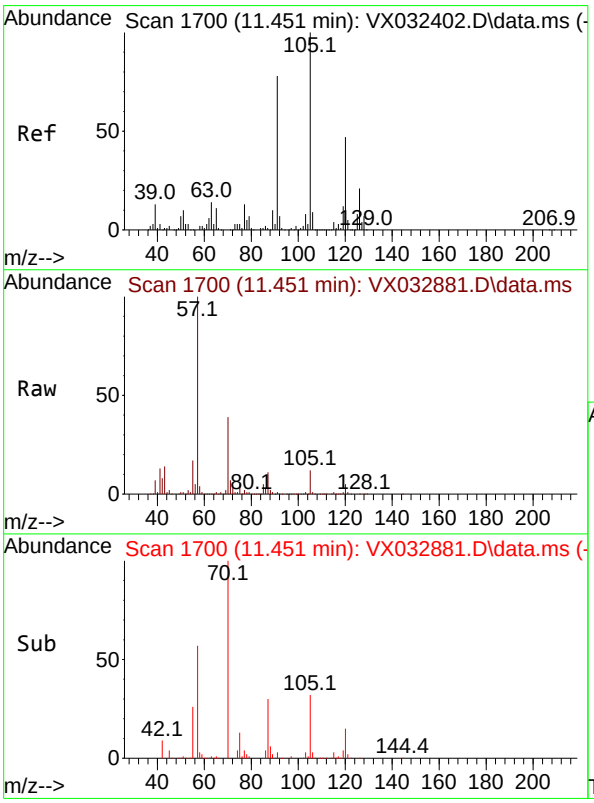
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
MLMR-SILICA-115

Tgt Ion:152 Resp: 106547

Ion	Ratio	Lower	Upper
152	100		
115	59.3	44.0	132.0
150	157.7	0.0	351.8

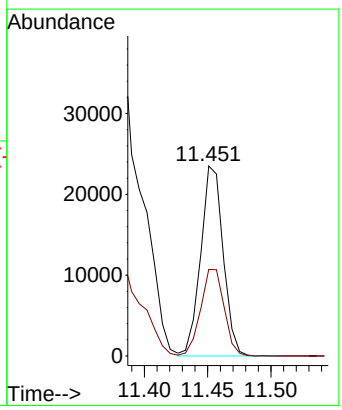


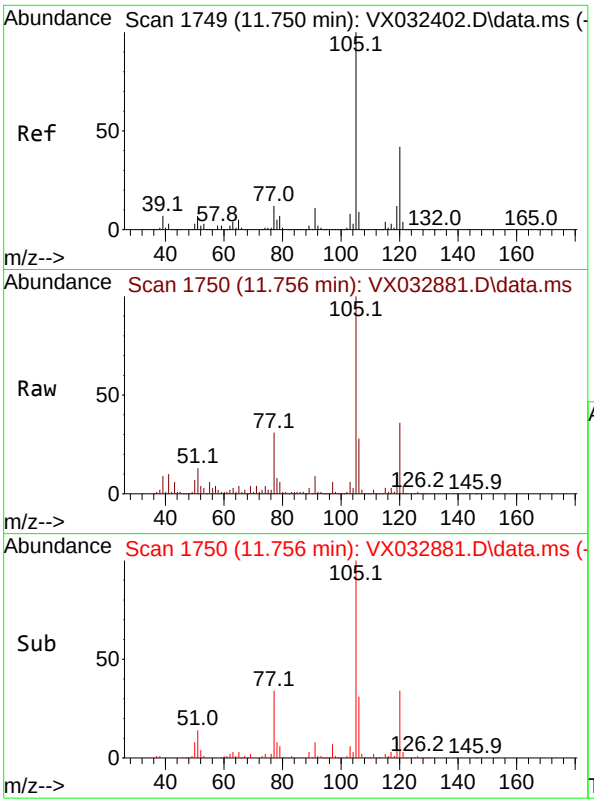


#80
1,3,5-Trimethylbenzene
Concen: 4.033 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Tgt Ion:105 Resp: 29101

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.6	71.0



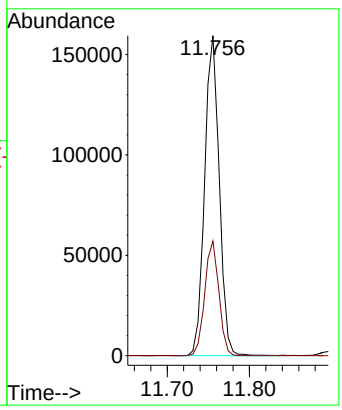


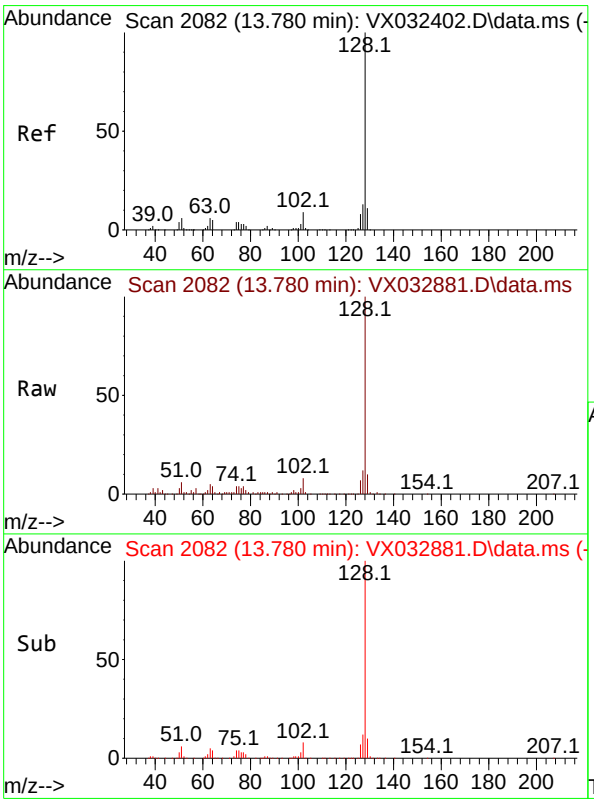
#84
1,2,4-Trimethylbenzene
Concen: 27.411 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
MLMR-SILICA-115

Tgt Ion:105 Resp: 196725

Ion	Ratio	Lower	Upper
105	100		
120	34.6	21.9	65.5





#95
Naphthalene
Concen: 7.987 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032881.D
Acq: 16 Nov 2022 20:15

Tgt Ion:128 Resp: 66806

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.1	8.9	13.3