Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
Data File : VX025480.D
Acq On : 03 Dec 2021 14:22
Operator : JC/MD
Sample : M4917-12DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Quant Time: Dec 04 06:49:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	106727	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.769	114	181575	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	163246	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74111	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65	62411	55.478	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.960%				
35) Dibromofluoromethane	5.391	113	55607	49.913	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.820%				
50) Toluene-d8	8.653	98	209001	49.895	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.800%				
62) 4-Bromofluorobenzene	11.085	95	73182	46.181	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.360%				
Target Compounds							Qvalue
5) Bromomethane	1.605	94	201	0.372	ug/l		88
6) Chloroethane	1.563	64	3680	4.241	ug/l	#	60
11) Tert butyl alcohol	2.959	59	20435	66.885	ug/l		97
13) Acrolein	1.953	56	82	1.591	ug/l	#	1
15) Acrylonitrile	2.953	53	200	0.331	ug/l	#	23
16) Acetone	2.379	43	612	0.979	ug/l		91
18) Methyl Acetate	2.782	43	419	0.210	ug/l	#	52
19) Methyl tert-butyl Ether	3.117	73	4411	1.280	ug/l	#	79
20) Methylene Chloride	2.794	84	262	0.223	ug/l	#	69
31) Cyclohexane	5.470	56	1331	0.766	ug/l	#	83
36) 1,1-Dichloropropene	5.556	75	7092	4.477	ug/l	#	50
38) Carbon Tetrachloride	5.556	117	10216	5.855	ug/l	#	16
39) Methylcyclohexane	7.385	83	653	0.321	ug/l	#	72
40) Benzene	6.037	78	29989	6.249	ug/l		98
51) 4-Methyl-2-Pentanone	8.647	43	868	0.461	ug/l	#	1
52) Toluene	8.726	92	924	0.295	ug/l		87
67) Ethyl Benzene	10.195	91	14869	2.586	ug/l		99
68) m/p-Xylenes	10.305	106	8046	3.427	ug/l		96
69) o-Xylene	10.646	106	1135	0.494	ug/l		98
73) Isopropylbenzene	10.963	105	1706	0.323	ug/l		91
76) 1,2,3-Trichloropropane	11.085	75	35543	23.420	ug/l	#	37
78) n-propylbenzene	11.305	91	4093	0.690	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	1553	0.350	ug/l		89
81) trans-1,4-Dichloro-2-b...	11.085	75	35543	58.999	ug/l	#	9
83) tert-Butylbenzene	11.756	119	1433	0.318	ug/l	#	63
84) 1,2,4-Trimethylbenzene	11.756	105	12156	2.770	ug/l		96
85) sec-Butylbenzene	11.756	105	12156	2.216	ug/l	#	56
95) Naphthalene	13.780	128	4232	0.475	ug/l		98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
Data File : VX025480.D
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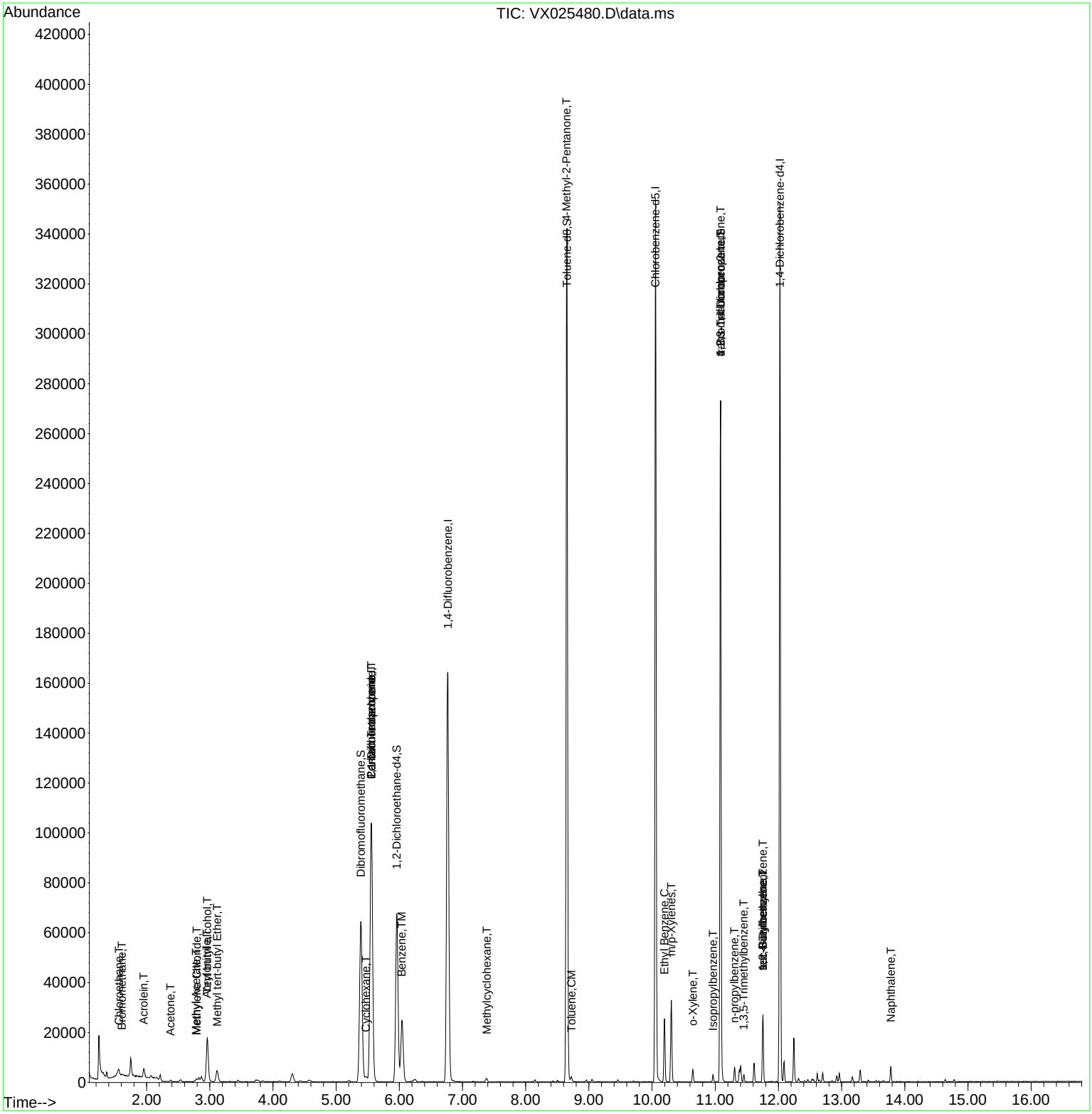
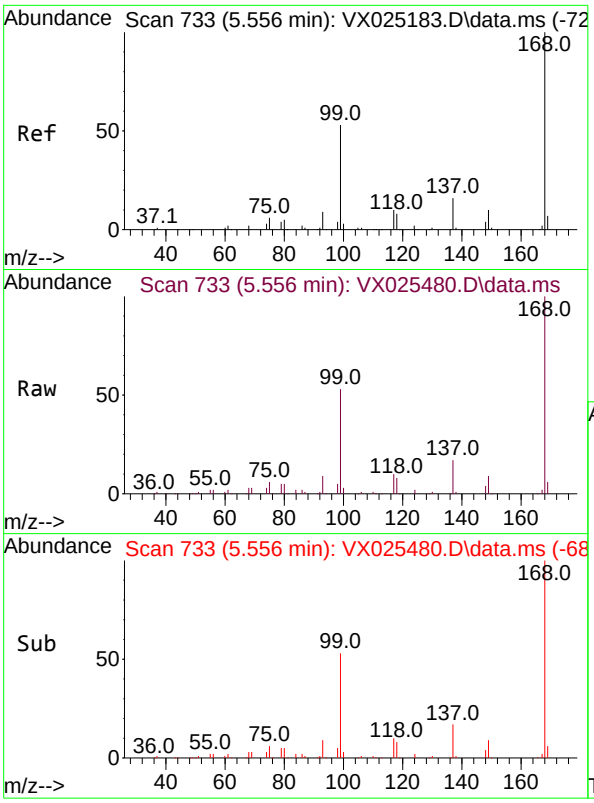
Operator : JC/MD
Sample : M4917-12DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Quant Time: Dec 04 06:49:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



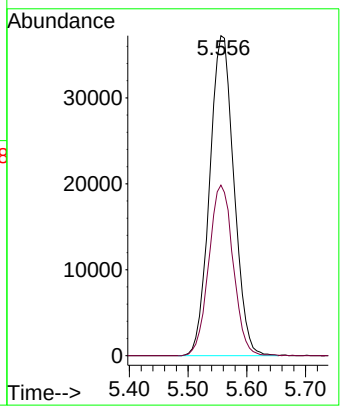


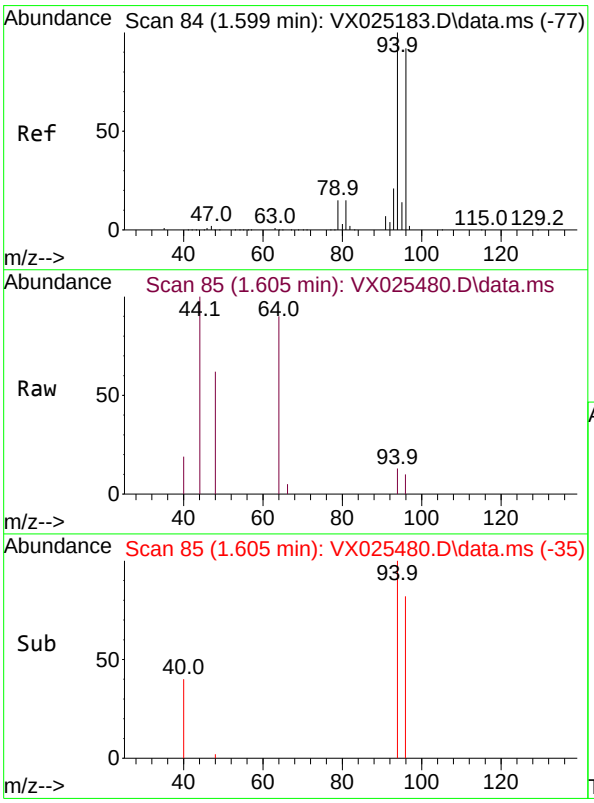
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion:168 Resp: 106727

Ion	Ratio	Lower	Upper
168	100		
99	53.3	46.4	69.6

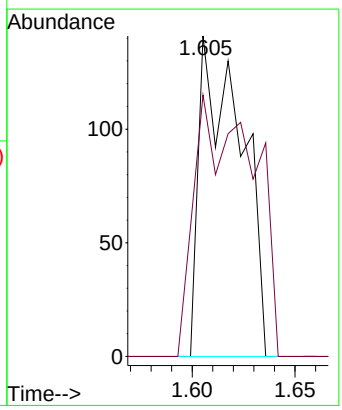


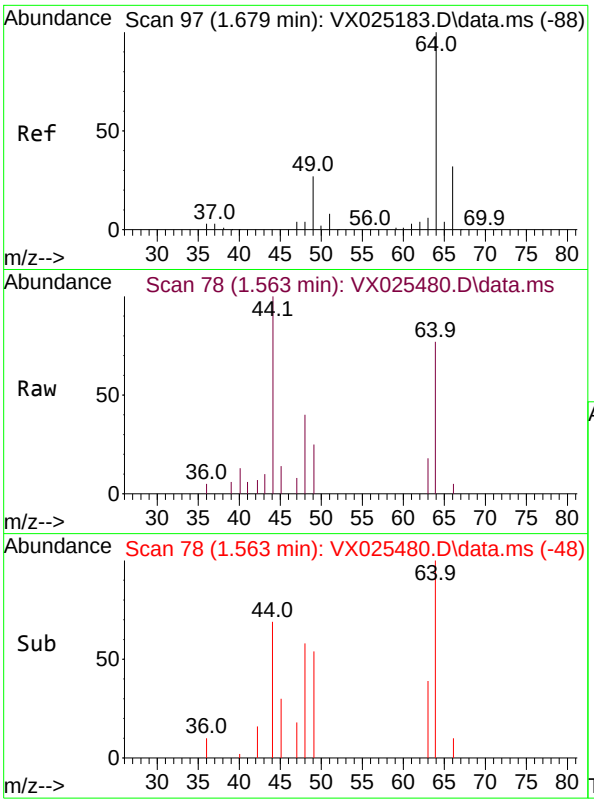


#5
Bromomethane
Concen: 0.372 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 94 Resp: 201

Ion	Ratio	Lower	Upper
94	100		
96	81.6	74.8	112.2



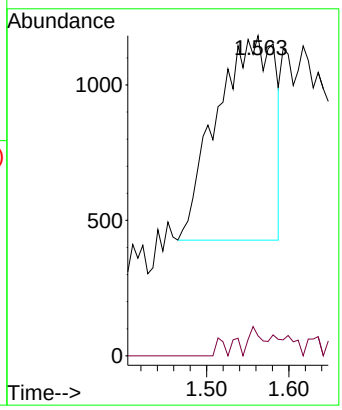


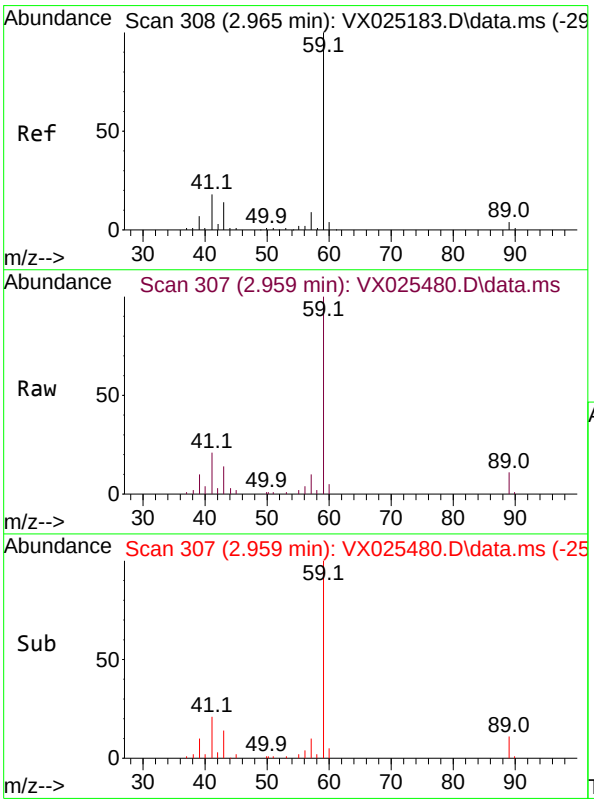
#6
Chloroethane
Concen: 4.241 ug/l
RT: 1.563 min Scan# 7
Delta R.T. -0.116 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion: 64 Resp: 3680

Ion	Ratio	Lower	Upper
64	100		
66	9.8	25.6	38.4#

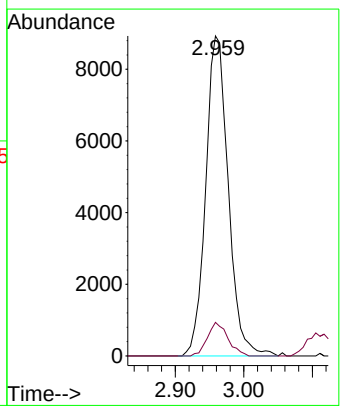


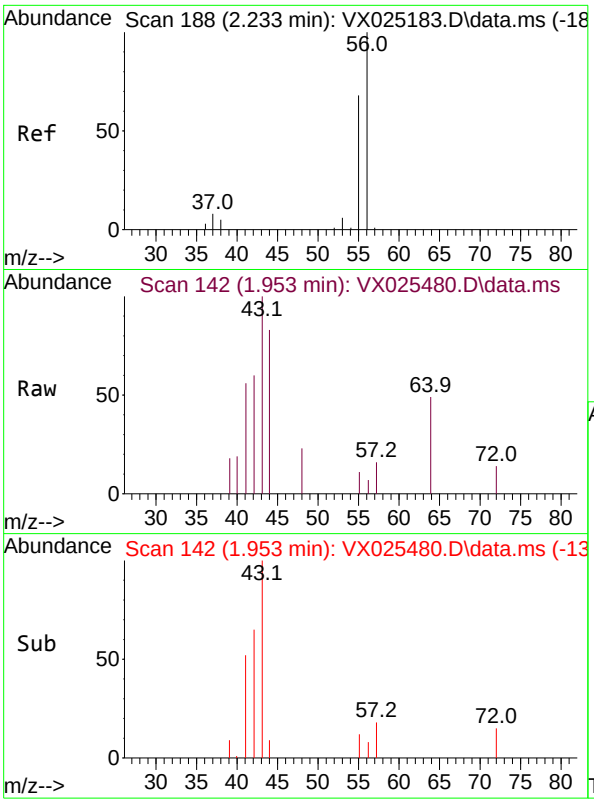


#11
Tert butyl alcohol
Concen: 66.885 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 59 Resp: 20435

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.5	12.7



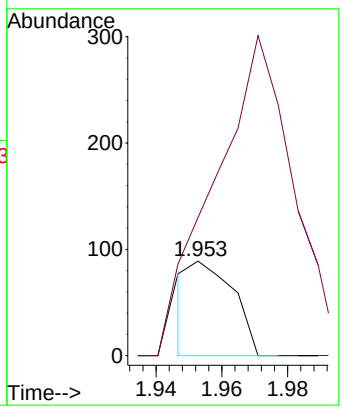


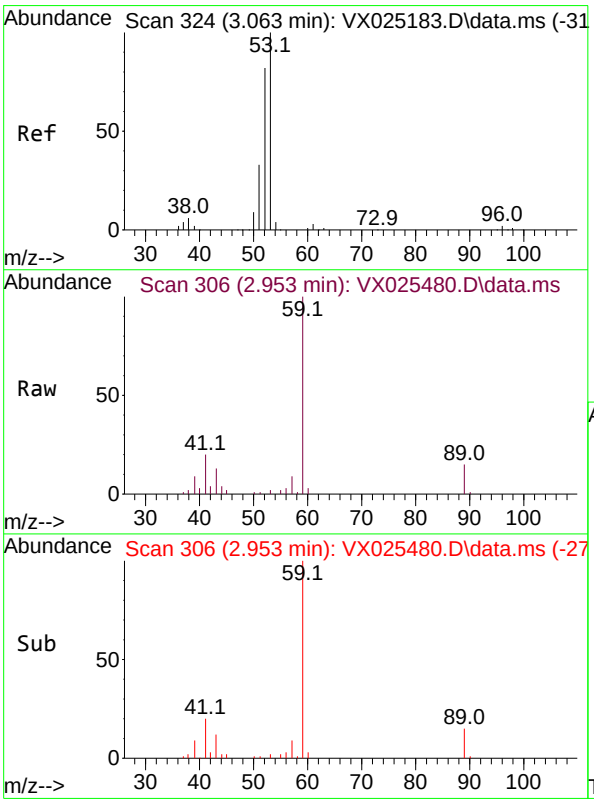
#13
Acrolein
Concen: 1.591 ug/l
RT: 1.953 min Scan# 14
Delta R.T. -0.280 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion: 56 Resp: 82

Ion	Ratio	Lower	Upper
56	100		
55	568.3	58.6	87.8#

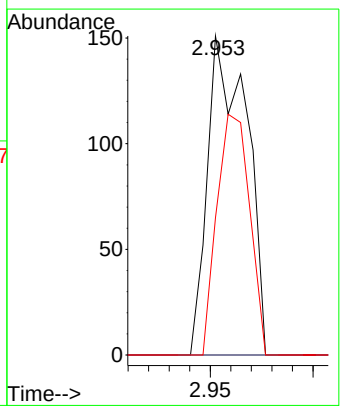


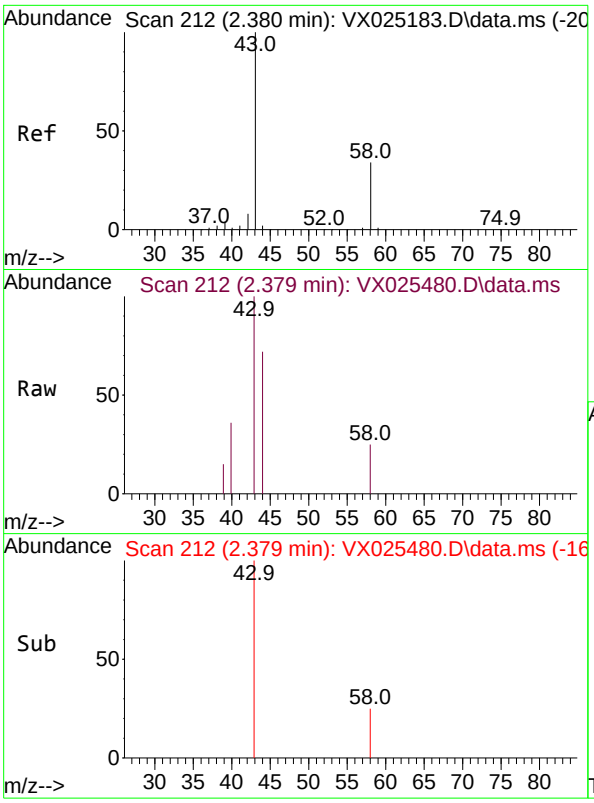


#15
Acrylonitrile
Concen: 0.331 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.110 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 53 Resp: 200

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.2	99.4#
51	63.0	29.8	44.8#



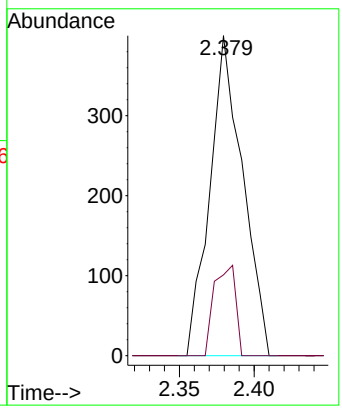


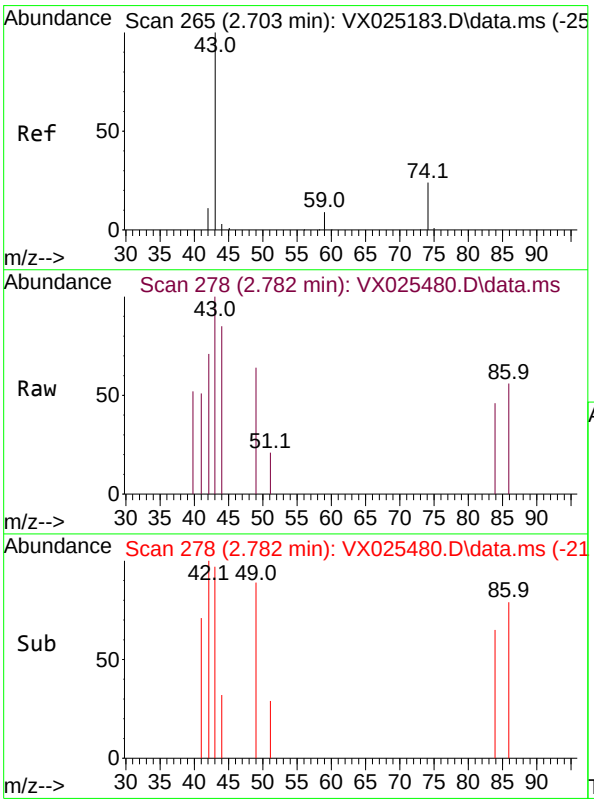
#16
Acetone
Concen: 0.979 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion: 43 Resp: 612

Ion	Ratio	Lower	Upper
43	100		
58	25.3	24.0	36.0

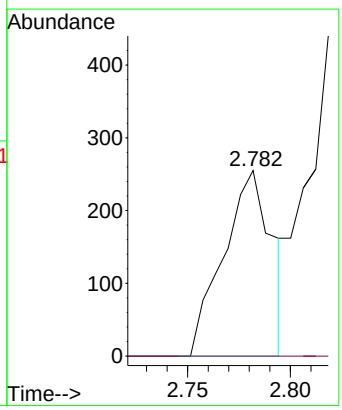


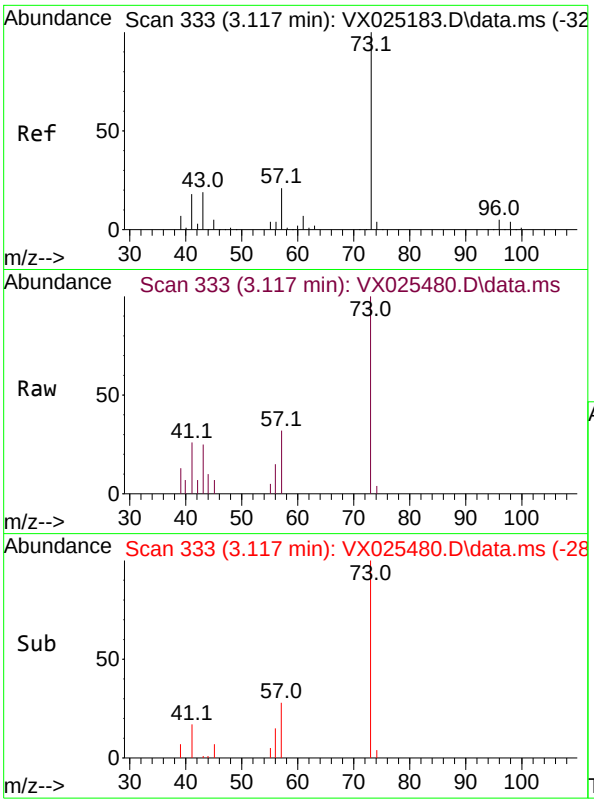


#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.079 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 43 Resp: 419

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.0	28.6#



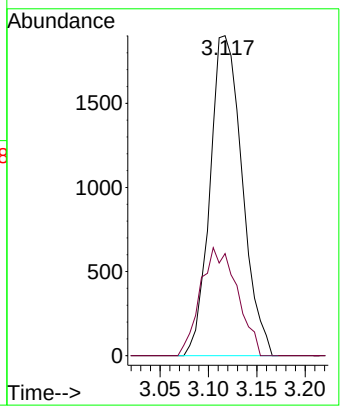


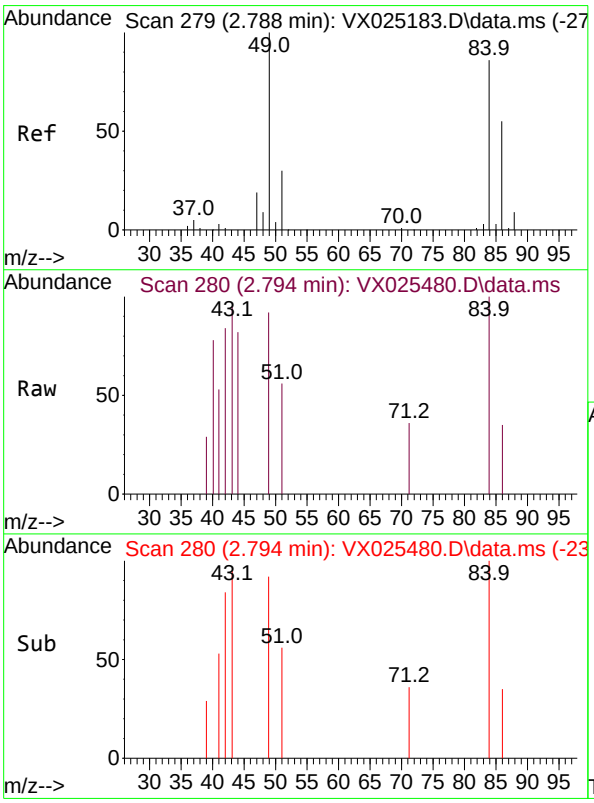
#19
Methyl tert-butyl Ether
Concen: 1.280 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion: 73 Resp: 4411

Ion	Ratio	Lower	Upper
73	100		
57	31.9	17.5	26.3#

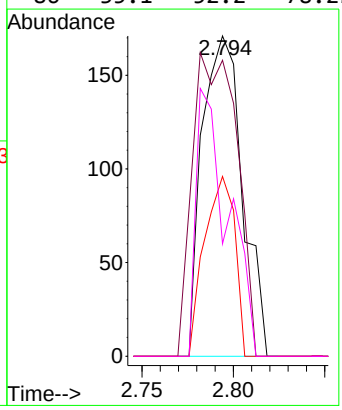


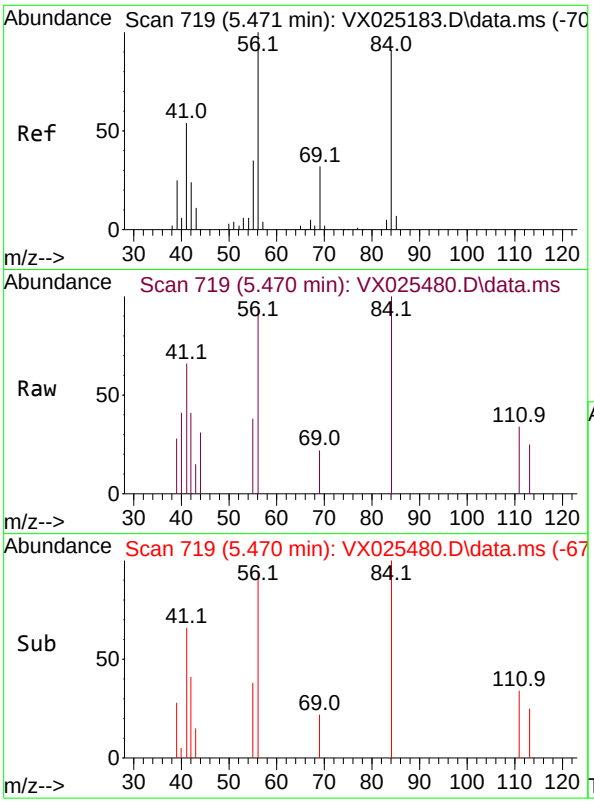


#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 84 Resp: 262

Ion	Ratio	Lower	Upper
84	100		
49	92.4	98.2	147.2#
51	56.1	30.2	45.4#
86	35.1	52.2	78.2#



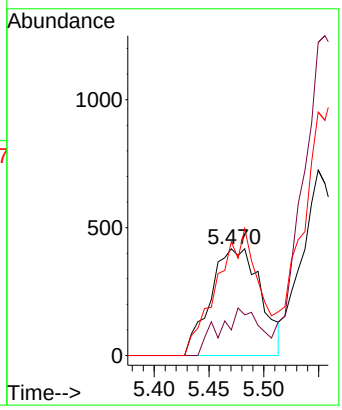


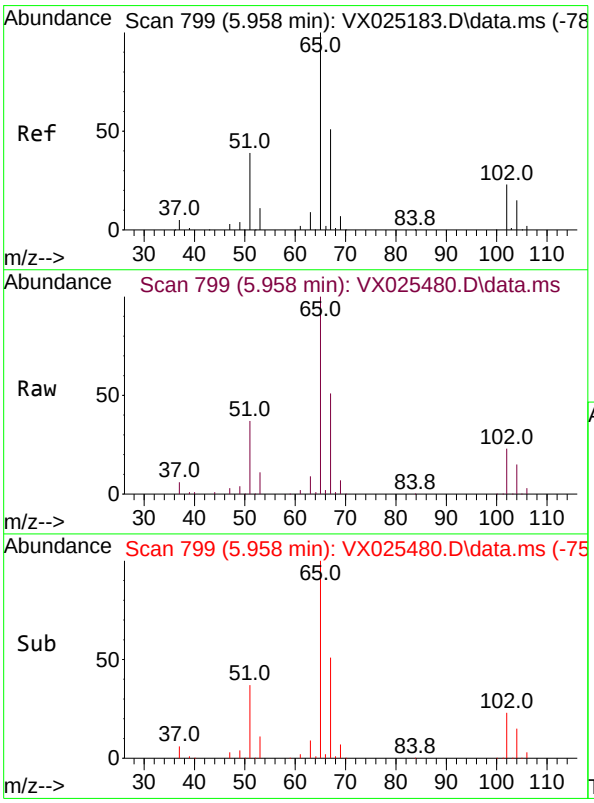
#31
Cyclohexane
Concen: 0.766 ug/l
RT: 5.470 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion: 56 Resp: 1331

Ion	Ratio	Lower	Upper
56	100		
69	24.0	24.2	36.2#
84	106.7	71.5	107.3

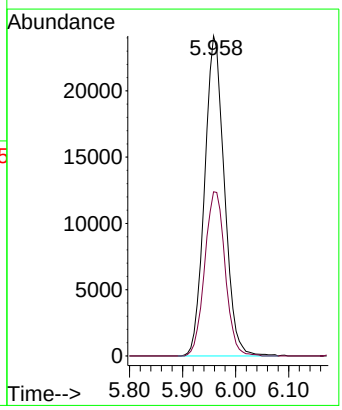


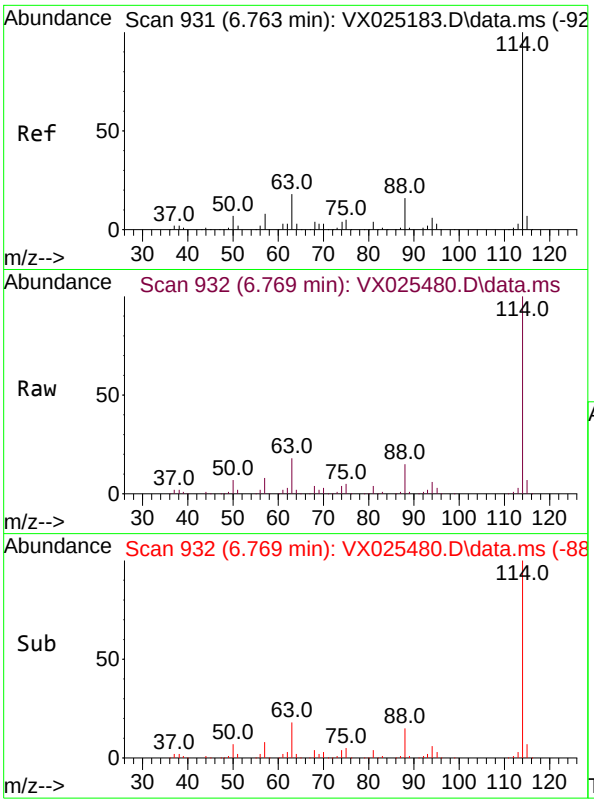


#33
1,2-Dichloroethane-d4
Concen: 55.478 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 65 Resp: 62411

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	101.0



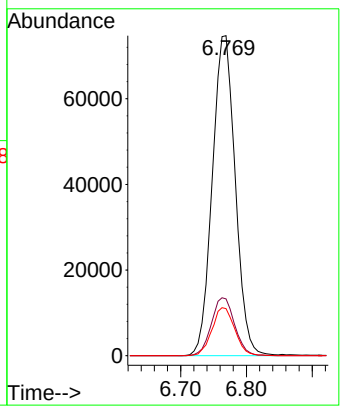


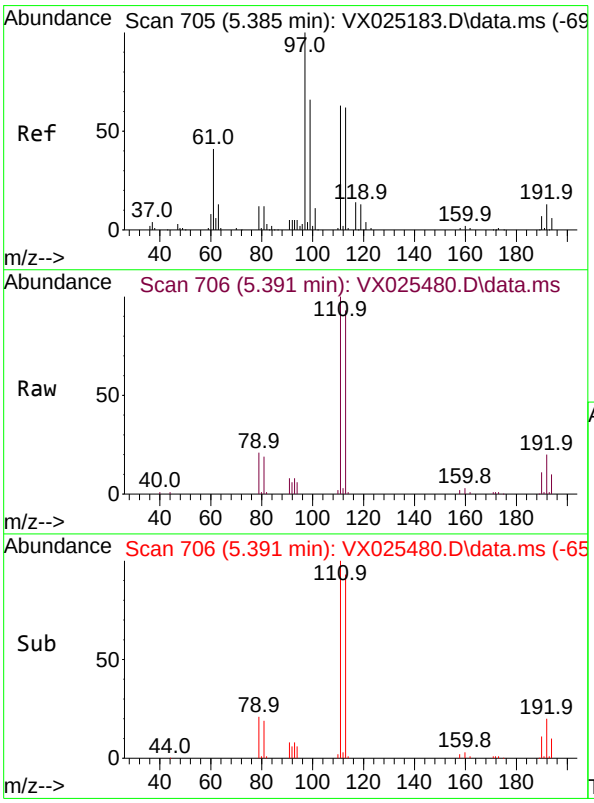
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion:114 Resp: 181575

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	41.0
88	14.7	0.0	34.8

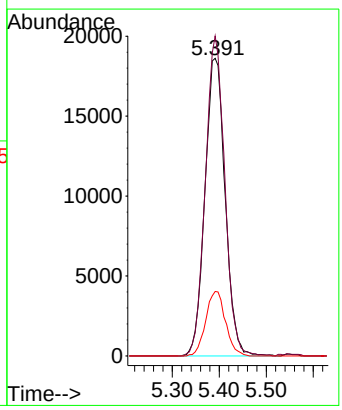


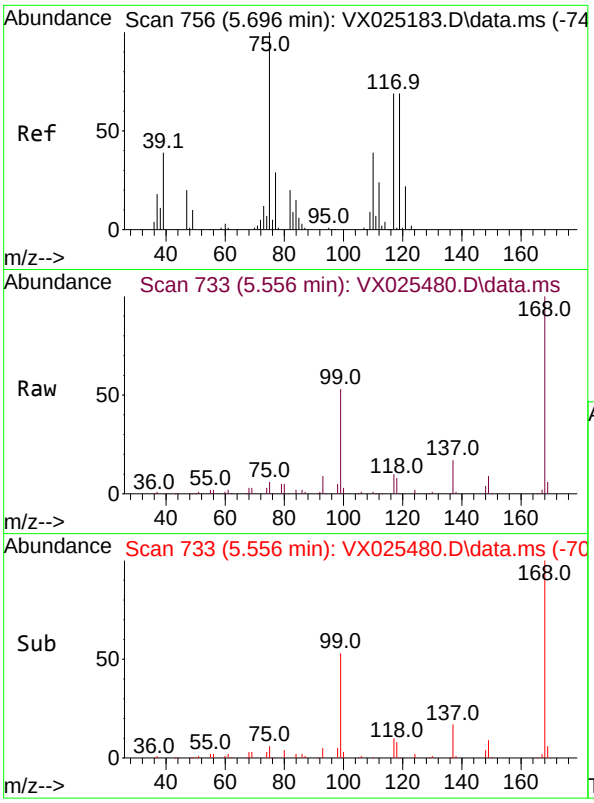


#35
Dibromofluoromethane
Concen: 49.913 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion:113 Resp: 55607

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
192	21.2	15.6	23.4



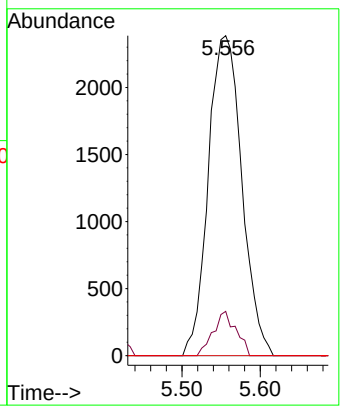


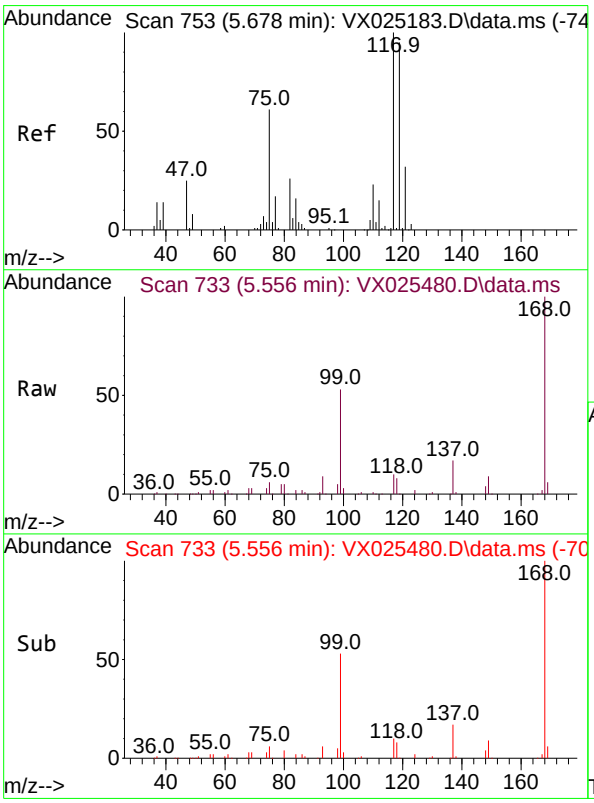
#36
1,1-Dichloropropene
Concen: 4.477 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion: 75 Resp: 7092

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.3#
77	0.0	24.4	36.6#

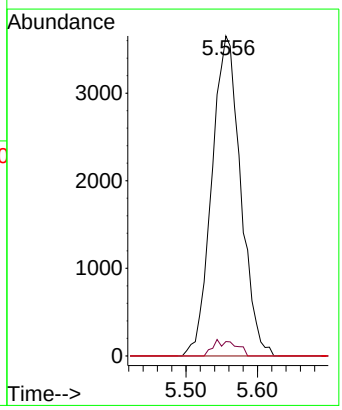


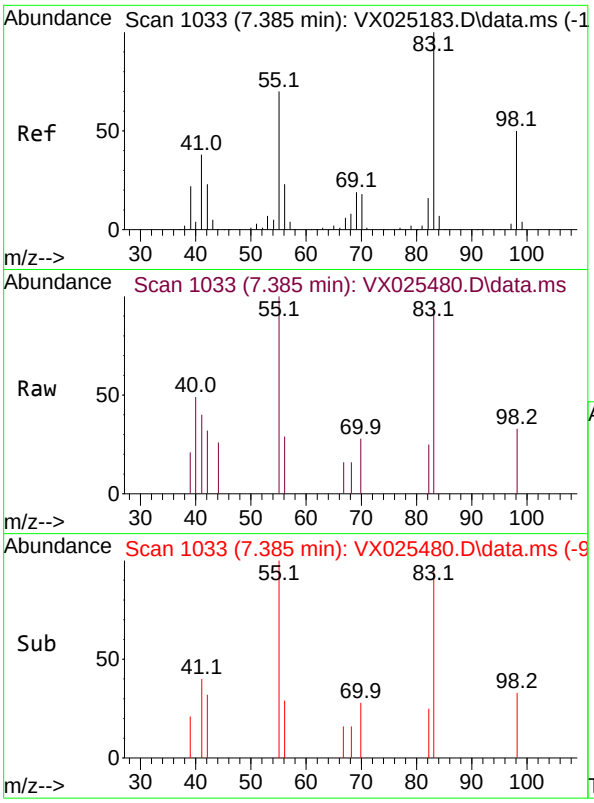


#38
Carbon Tetrachloride
Concen: 5.855 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion:117 Resp: 10216

Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.6	113.4#
121	0.0	23.7	35.5#



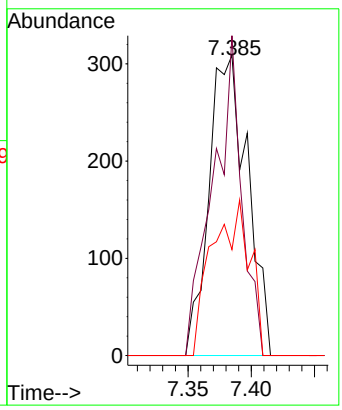


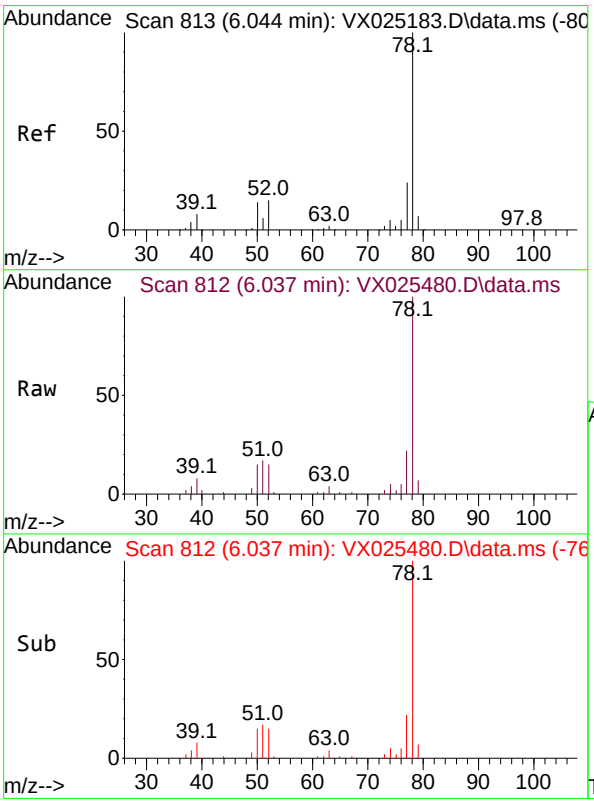
#39
Methylcyclohexane
Concen: 0.321 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion: 83 Resp: 653

Ion	Ratio	Lower	Upper
83	100		
55	106.5	60.8	91.2#
98	35.3	37.0	55.4#

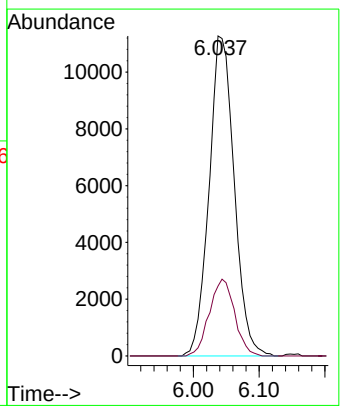


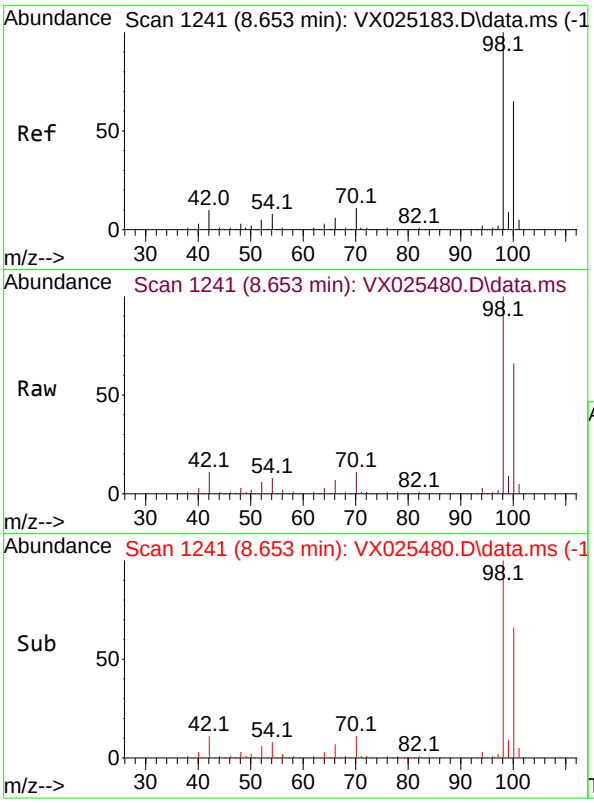


#40
Benzene
Concen: 6.249 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 78 Resp: 29989

Ion	Ratio	Lower	Upper
78	100		
77	21.8	18.3	27.5



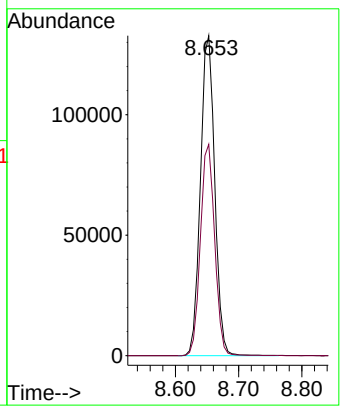


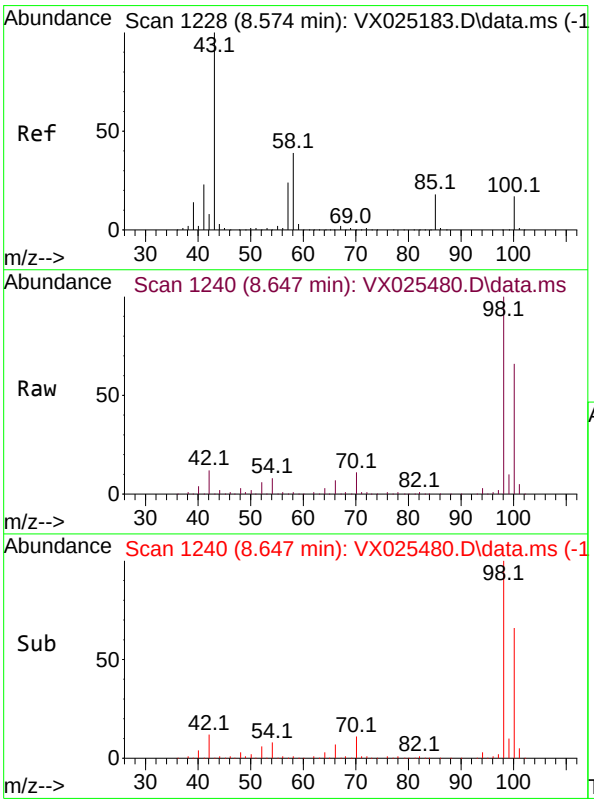
#50
Toluene-d8
Concen: 49.895 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion: 98 Resp: 209001

Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.4	77.0

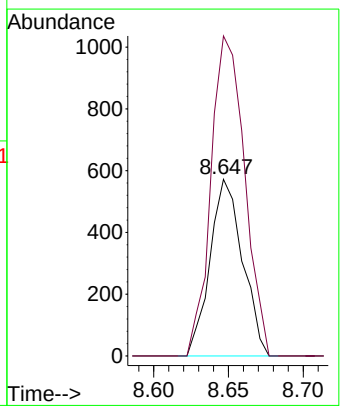


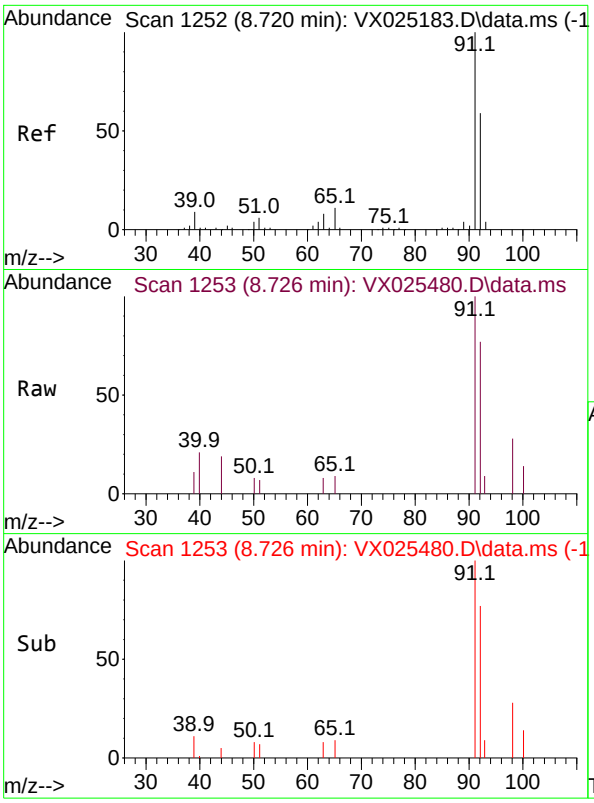


#51
4-Methyl-2-Pentanone
Concen: 0.461 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 43 Resp: 868

Ion	Ratio	Lower	Upper
43	100		
58	187.1	30.9	46.3#



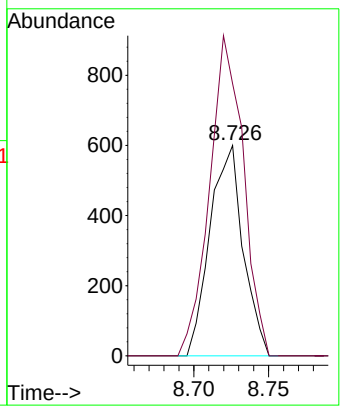


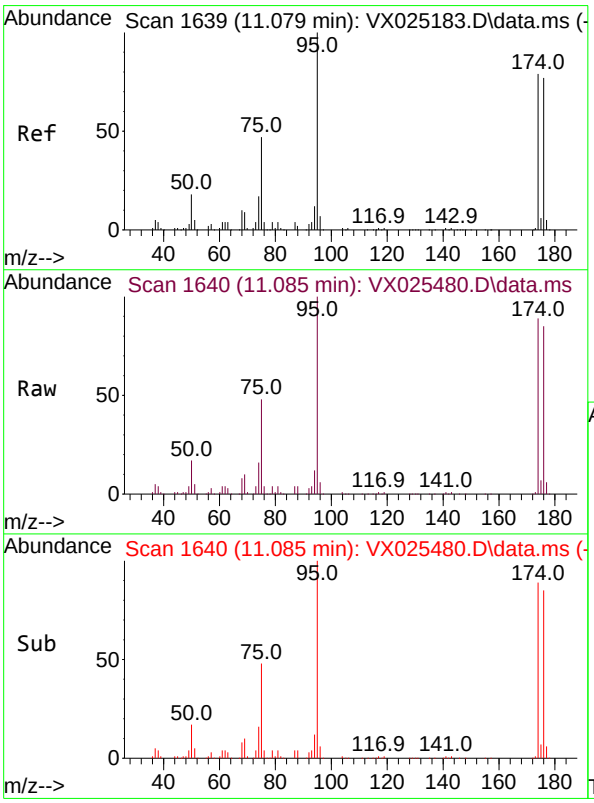
#52
Toluene
Concen: 0.295 ug/l
RT: 8.726 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion: 92 Resp: 924

Ion	Ratio	Lower	Upper
92	100		
91	155.4	138.6	208.0

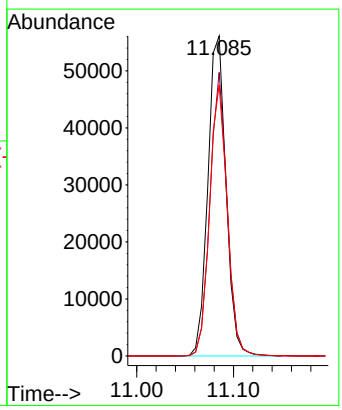


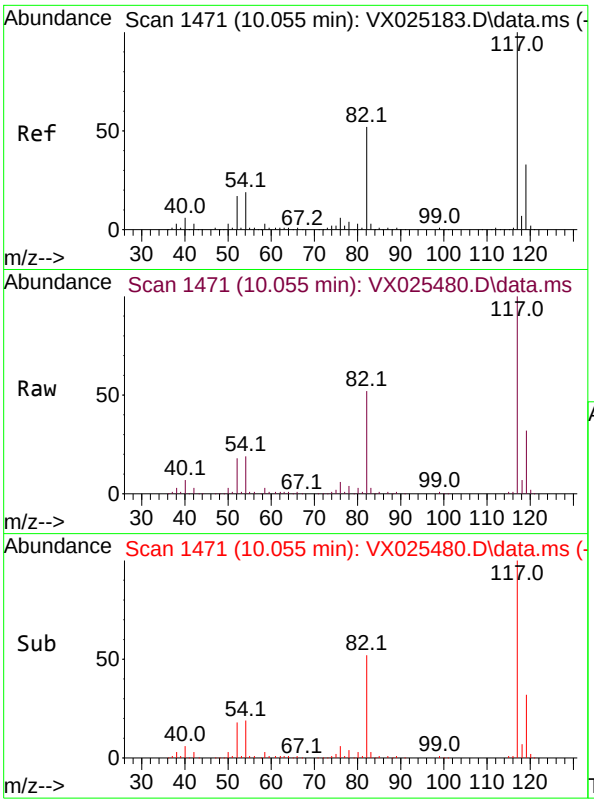


#62
4-Bromofluorobenzene
Concen: 46.181 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 95 Resp: 73182

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	158.0
176	82.5	0.0	153.6



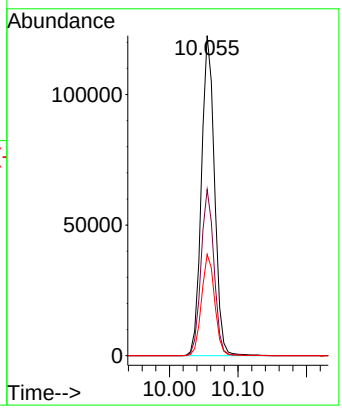


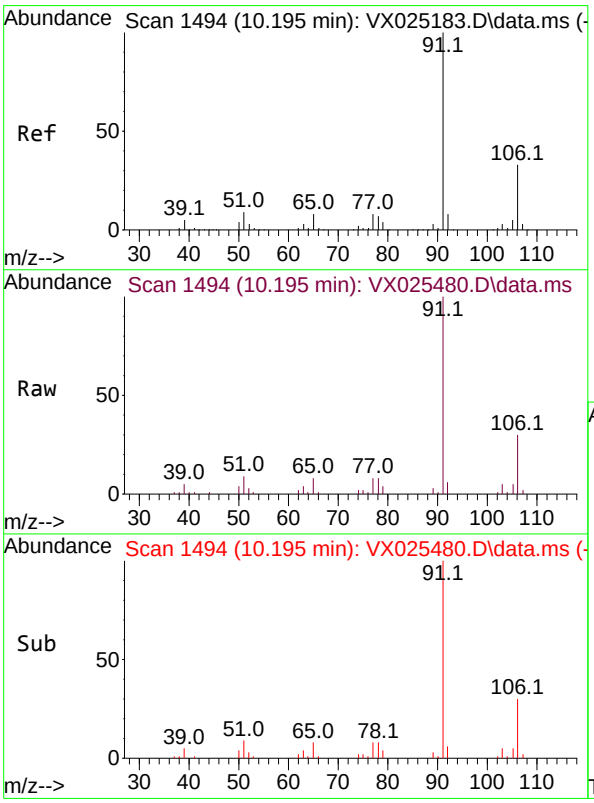
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion:117 Resp: 163246

Ion	Ratio	Lower	Upper
117	100		
82	52.0	44.6	67.0
119	31.6	24.8	37.2

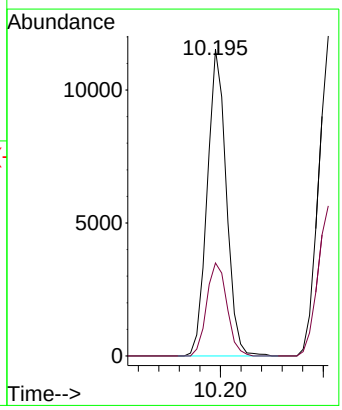


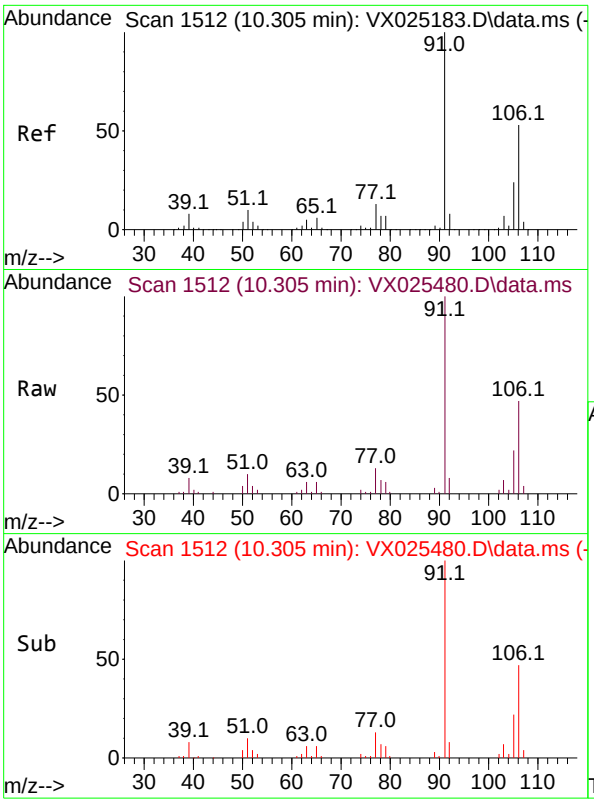


#67
Ethyl Benzene
Concen: 2.586 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 91 Resp: 14869

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.7	37.1



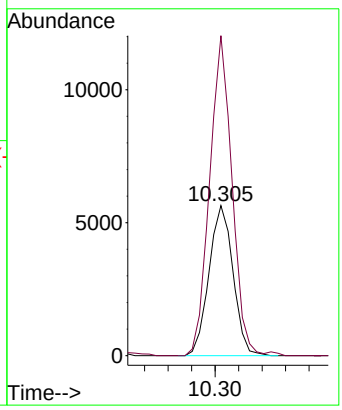


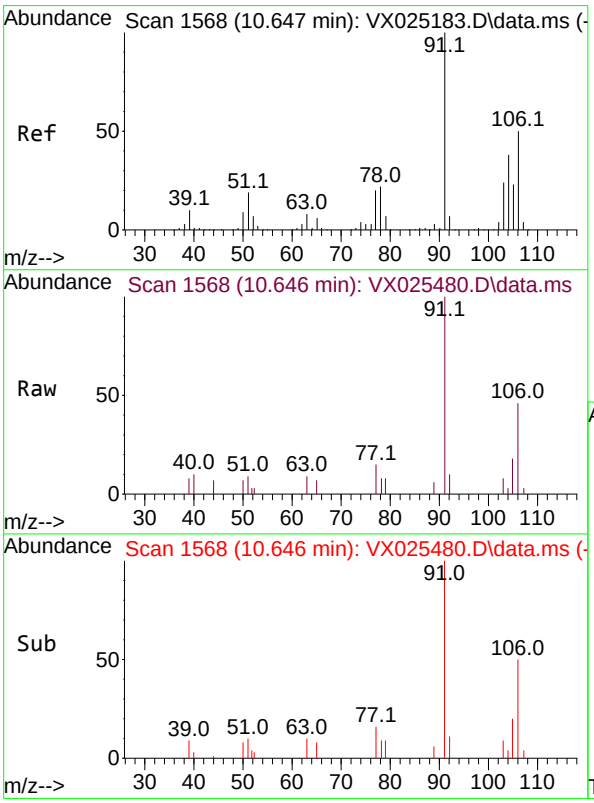
#68
m/p-Xylenes
Concen: 3.427 ug/l
RT: 10.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion:106 Resp: 8046

Ion	Ratio	Lower	Upper
106	100		
91	198.5	163.4	245.0

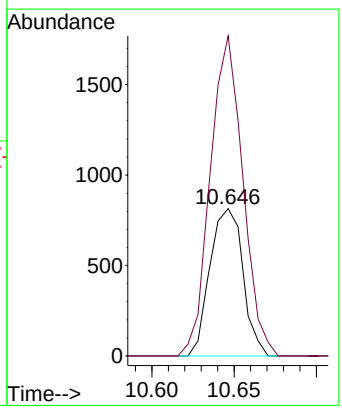


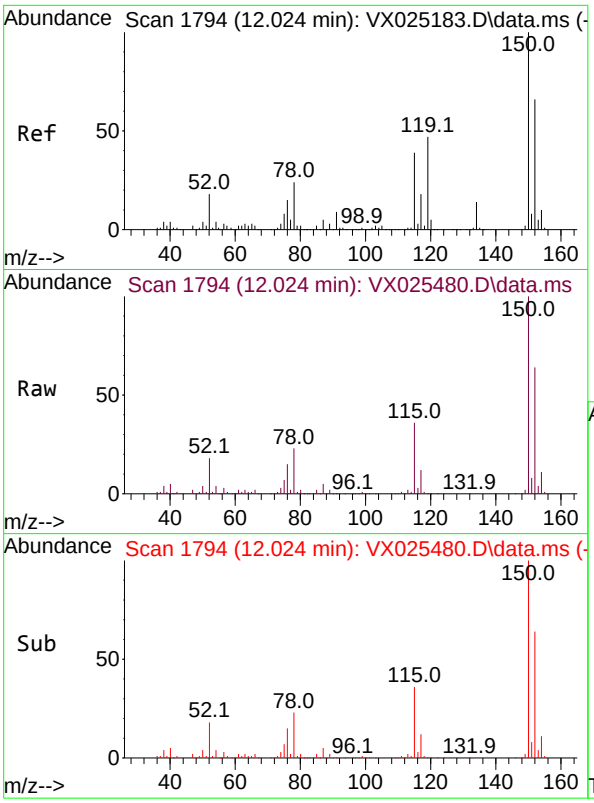


#69
o-Xylene
Concen: 0.494 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion:106 Resp: 1135

Ion	Ratio	Lower	Upper
106	100		
91	215.1	109.5	328.4



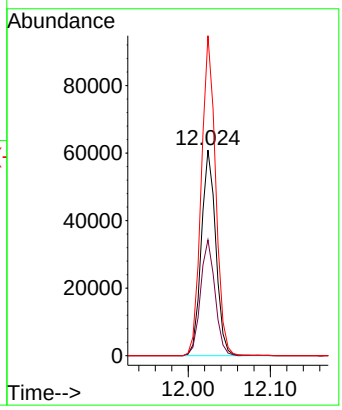


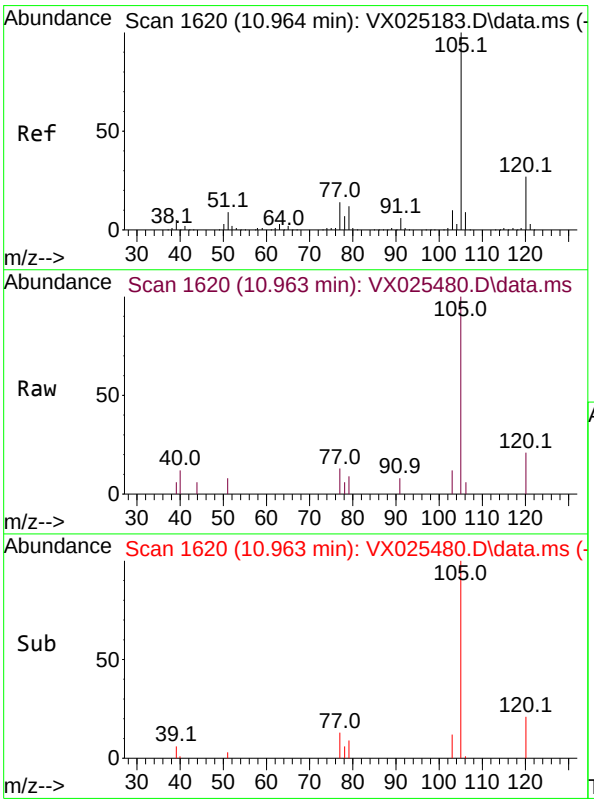
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion:152 Resp: 74111

Ion	Ratio	Lower	Upper
152	100		
115	56.7	43.3	129.8
150	154.6	0.0	351.2

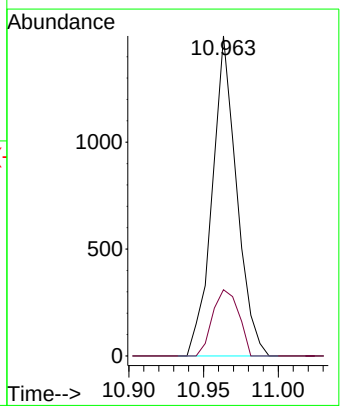


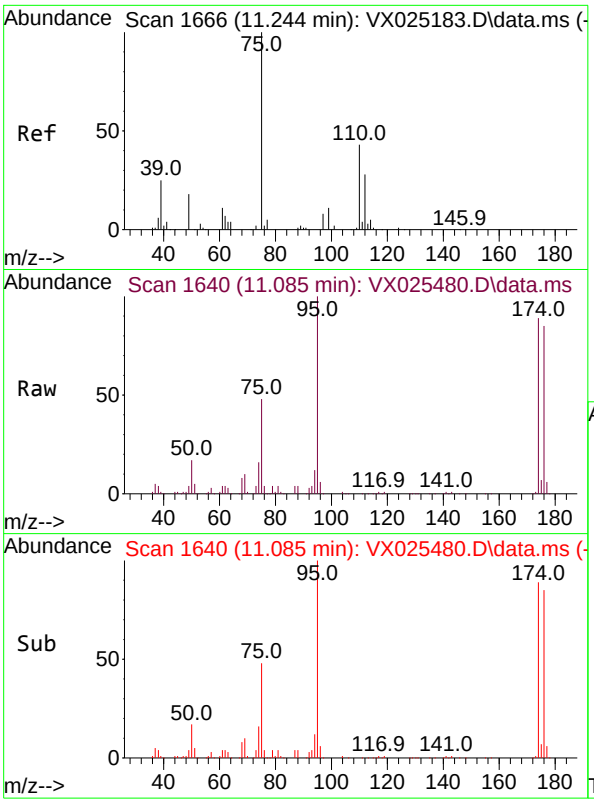


#73
Isopropylbenzene
Concen: 0.323 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion:105 Resp: 1706

Ion	Ratio	Lower	Upper
105	100		
120	22.1	13.3	39.8



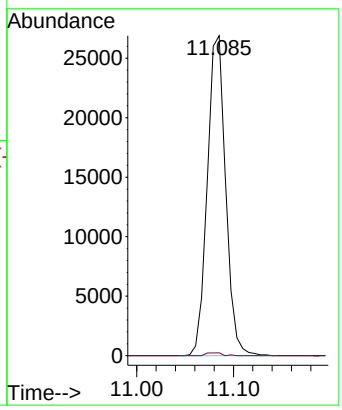


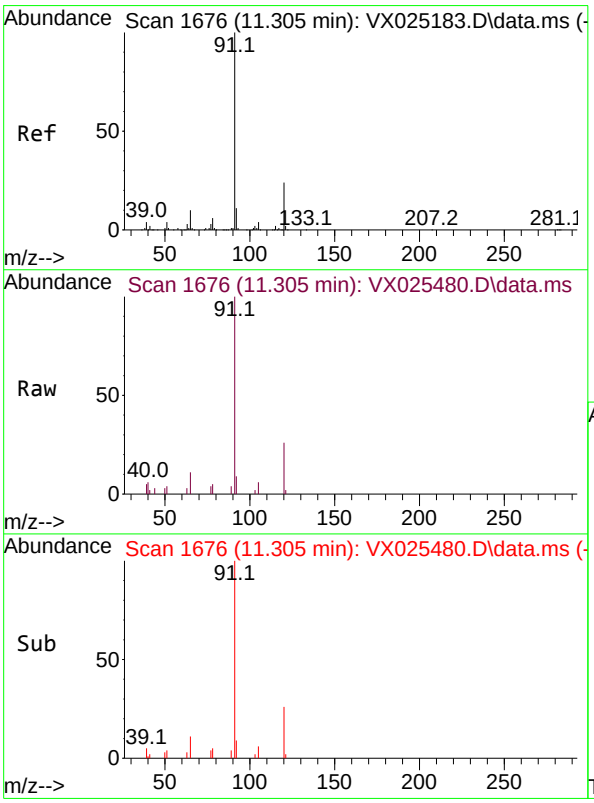
#76
1,2,3-Trichloropropane
Concen: 23.420 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion: 75 Resp: 35543

Ion	Ratio	Lower	Upper
75	100		
77	0.8	20.0	59.9#

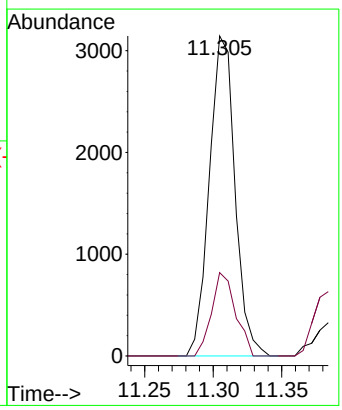


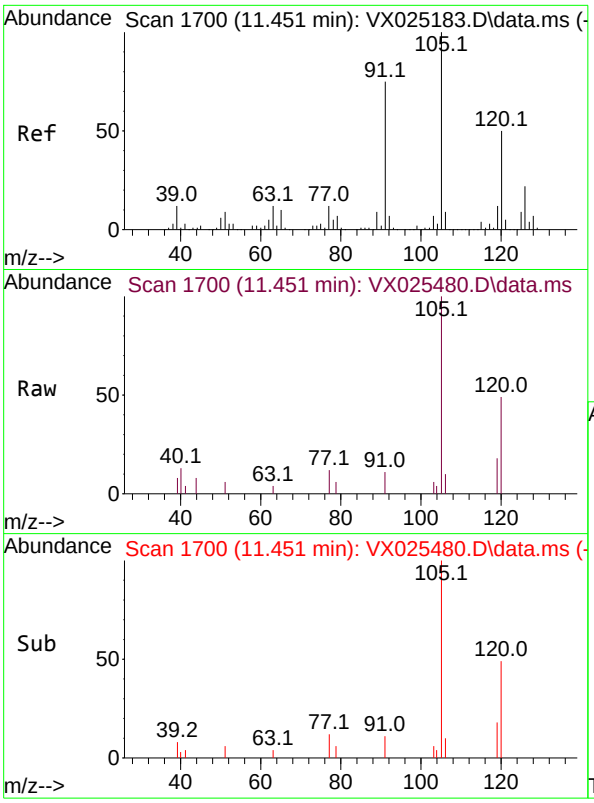


#78
n-propylbenzene
Concen: 0.690 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 91 Resp: 4093

Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.7	35.0



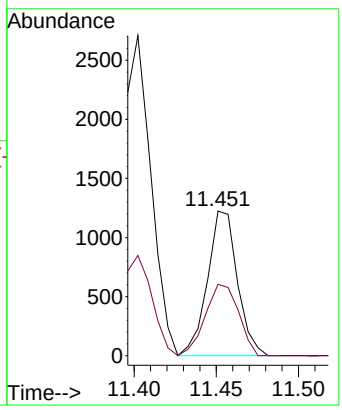


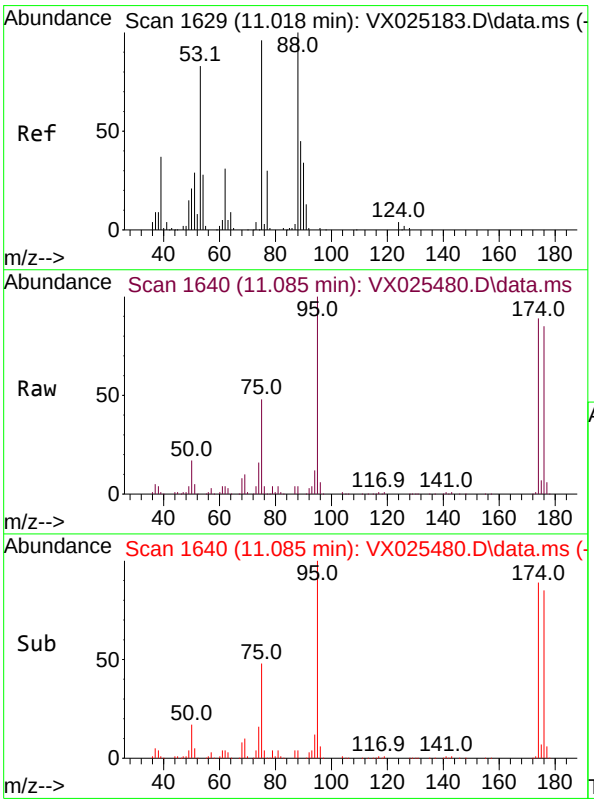
#80
1,3,5-Trimethylbenzene
Concen: 0.350 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion:105 Resp: 1553

Ion	Ratio	Lower	Upper
105	100		
120	54.9	23.8	71.5

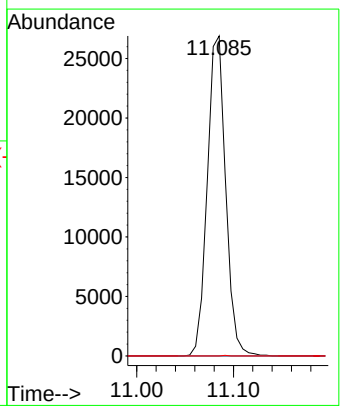


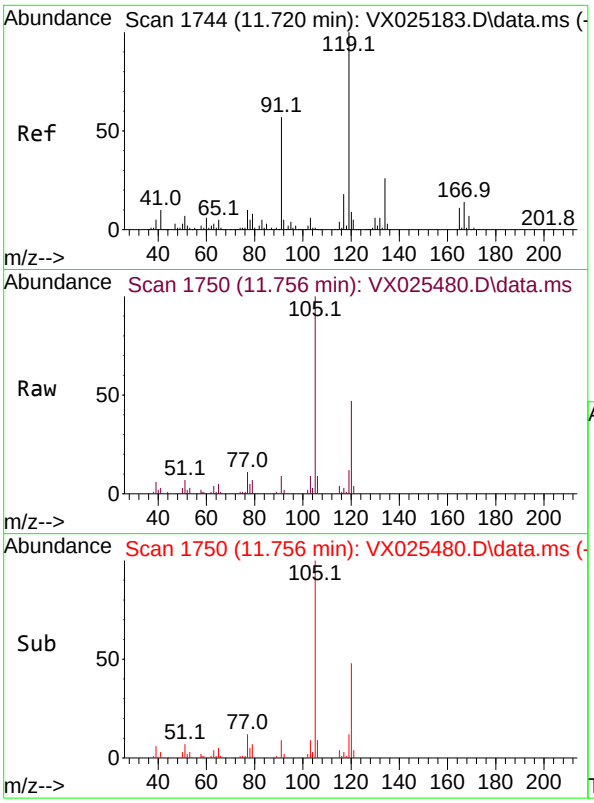


#81
trans-1,4-Dichloro-2-butene
Concen: 58.999 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 75 Resp: 35543

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.9	122.9#
89	0.1	38.2	57.2#



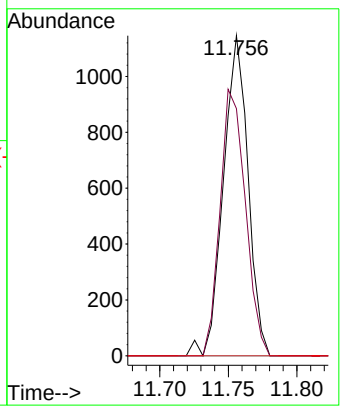


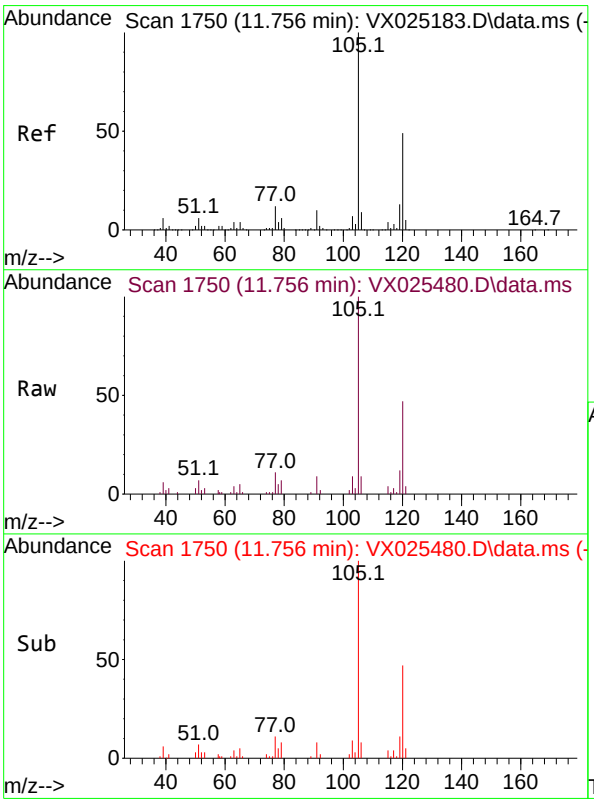
#83
tert-Butylbenzene
Concen: 0.318 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.036 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion:119 Resp: 1433

Ion	Ratio	Lower	Upper
119	100		
91	85.6	30.3	90.9
134	0.0	11.4	34.1#

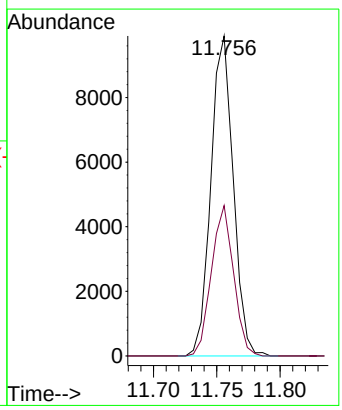


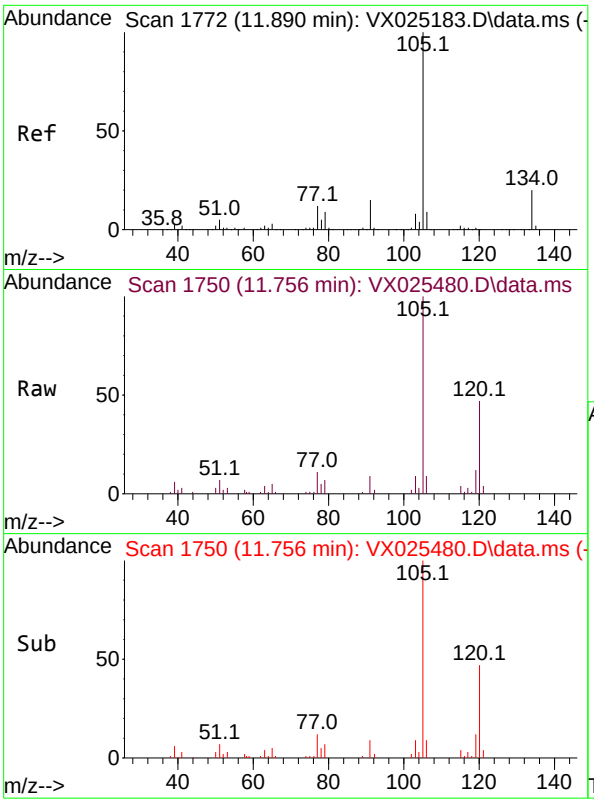


#84
1,2,4-Trimethylbenzene
Concen: 2.770 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion:105 Resp: 12156

Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.1	66.3



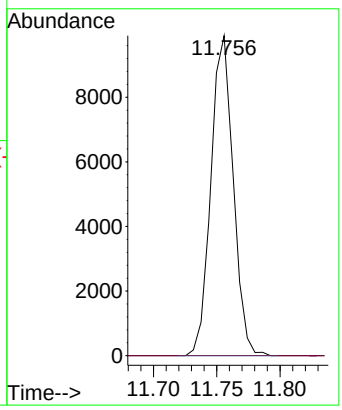


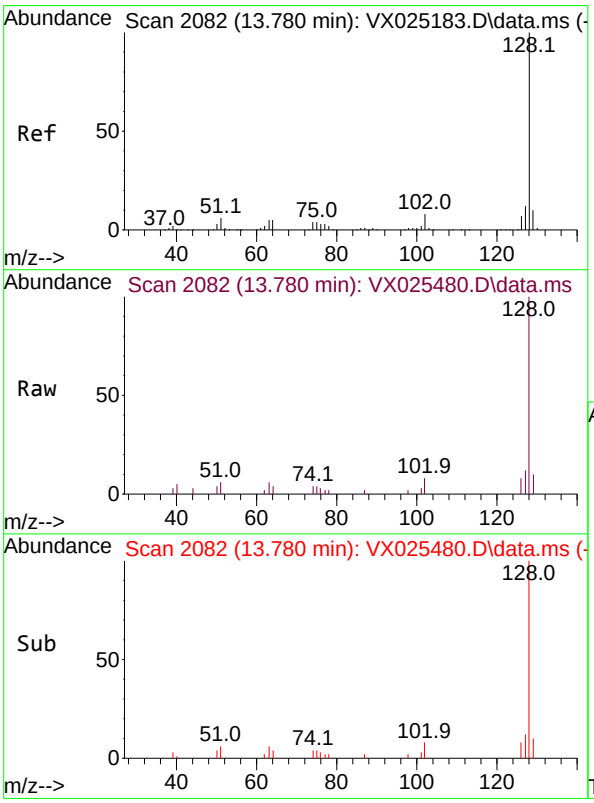
#85
sec-Butylbenzene
Concen: 2.216 ug/l
RT: 11.756 min Scan# 1
Delta R.T. -0.134 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion:105 Resp: 12156

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.2	30.4#





#95
Naphthalene
Concen: 0.475 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion:128 Resp: 4232

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	9.5	8.8	13.2