Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030304.D
Acq On : 29 Jul 2022 15:45
Operator : JC/MD
Sample : N3861-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Aug 01 05:14:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	146718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	257733	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164733	55.862	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.720%			
35) Dibromofluoromethane	5.397	113	127578	51.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.560%			
50) Toluene-d8	8.653	98	493599	51.732	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.460%			
62) 4-Bromofluorobenzene	11.085	95	172032	48.582	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.160%			
Target Compounds						Qvalue
5) Bromomethane	1.612	94	402	Below Cal		98
6) Chloroethane	1.733	64	890	0.645	ug/l #	56
10) Methyl Iodide	2.447	142	219	1.618	ug/l #	58
11) Tert butyl alcohol	2.965	59	3845	5.345	ug/l	98
13) Acrolein	2.337	56	4174	23.608	ug/l #	78
14) Allyl chloride	2.776	41	35426	7.490	ug/l #	66
16) Acetone	2.380	43	8637	5.721	ug/l	91
17) Carbon Disulfide	2.514	76	1785	0.289	ug/l #	81
18) Methyl Acetate	2.776	43	89187	19.972	ug/l #	51
19) Methyl tert-butyl Ether	3.117	73	11036	1.406	ug/l #	33
20) Methylene Chloride	2.782	84	962	Below Cal	#	1
25) 2-Butanone	4.587	43	3377	1.331	ug/l	96
26) 2,2-Dichloropropane	4.593	77	1028	0.299	ug/l #	49
31) Cyclohexane	5.477	56	7467	1.744	ug/l	94
36) 1,1-Dichloropropene	5.556	75	13217	3.728	ug/l #	44
38) Carbon Tetrachloride	5.556	117	14496	4.379	ug/l #	17
39) Methylcyclohexane	7.379	83	4869	1.064	ug/l #	67
40) Benzene	6.056	78	3301	0.296	ug/l	98
47) Bromodichloromethane	7.873	83	1161	0.316	ug/l #	23
48) Methyl methacrylate	7.708	41	732	0.202	ug/l #	61
55) 1,1,2-Trichloroethane	9.104	97	5592	1.930	ug/l #	18
56) Ethyl methacrylate	9.104	69	1318	0.288	ug/l #	1
67) Ethyl Benzene	10.201	91	433	Below Cal		91
73) Isopropylbenzene	10.964	105	11489	0.990	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	87275	22.267	ug/l #	38
78) n-propylbenzene	11.311	91	4678	0.338	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.085	75	87275	66.801	ug/l #	13
85) sec-Butylbenzene	11.890	105	4493	0.364	ug/l #	4

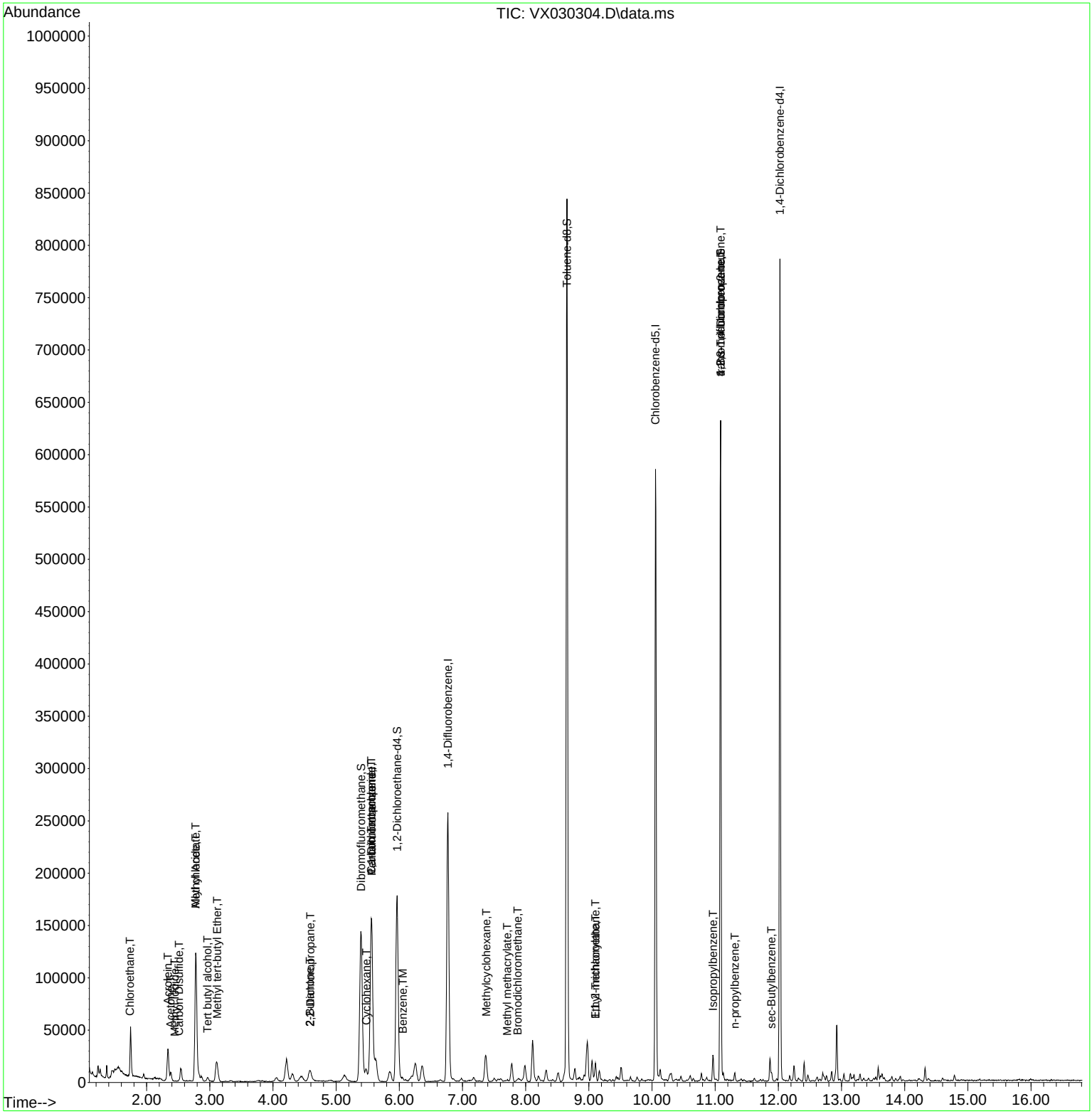
(#) = qualifier out of range (m) = manual integration (+) = signals summed

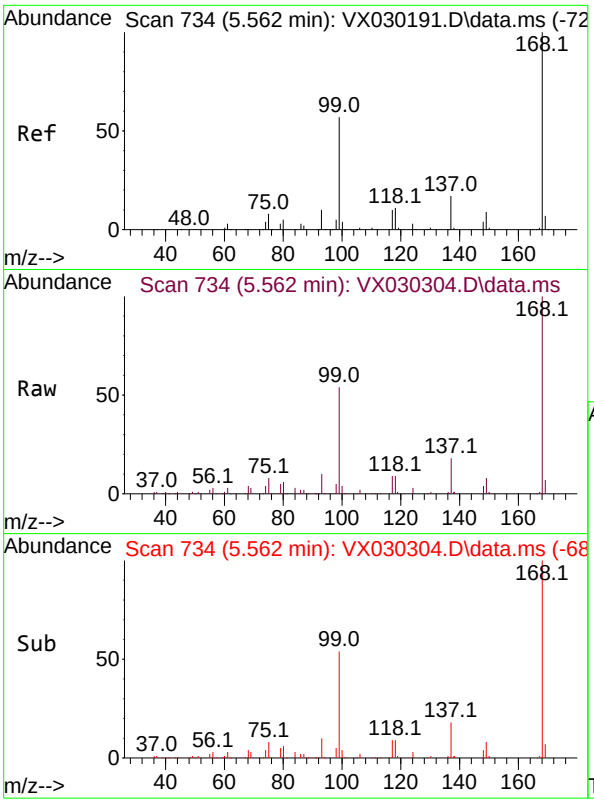
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030304.D
Acq On : 29 Jul 2022 15:45
Operator : JC/MD
Sample : N3861-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Aug 01 05:14:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration



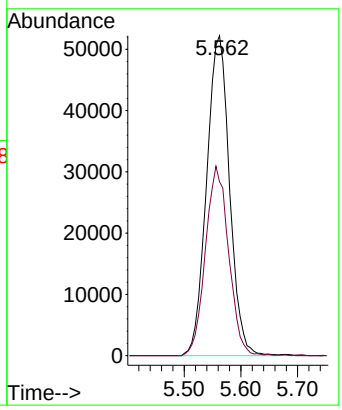


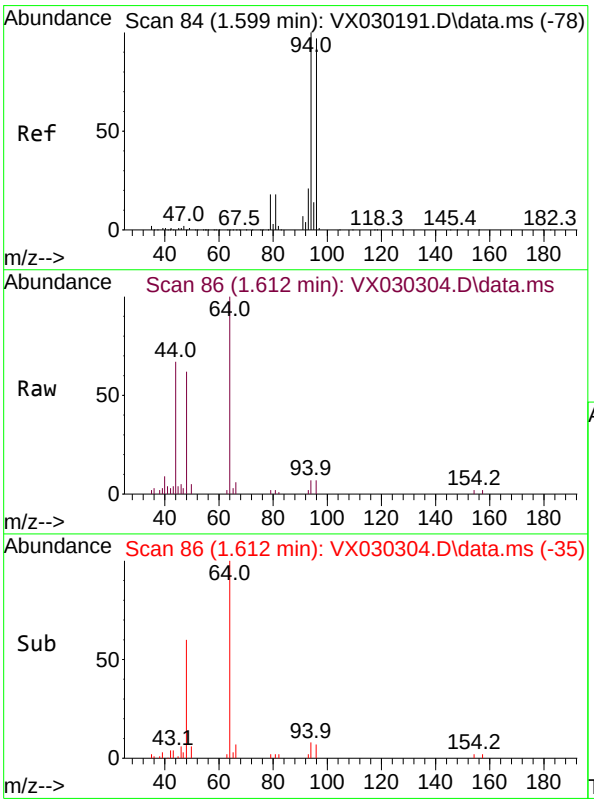
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:168 Resp: 146718

Ion	Ratio	Lower	Upper
168	100		
99	54.4	44.0	66.0

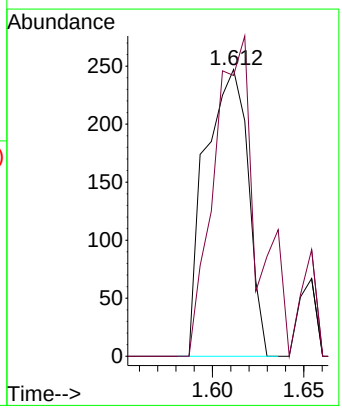


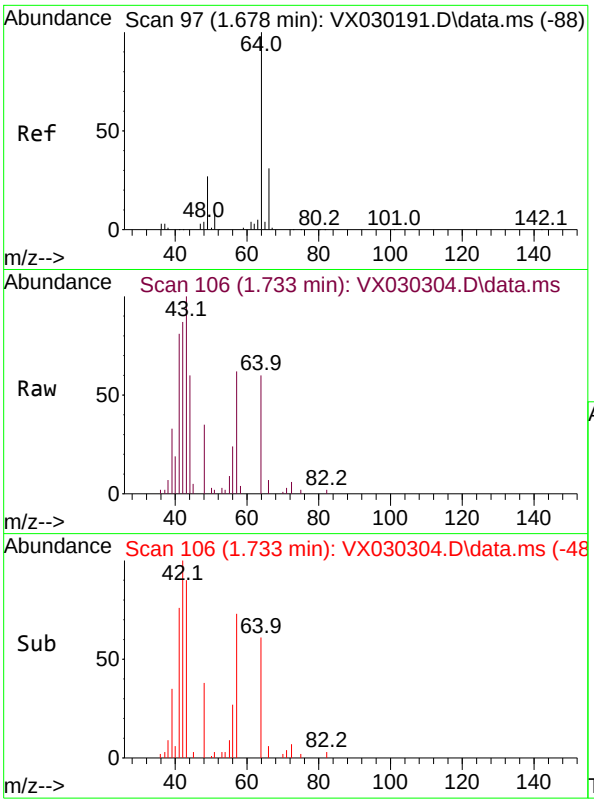


#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 94 Resp: 402

Ion	Ratio	Lower	Upper
94	100		
96	98.0	76.9	115.3



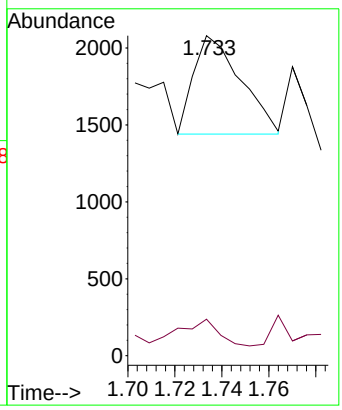


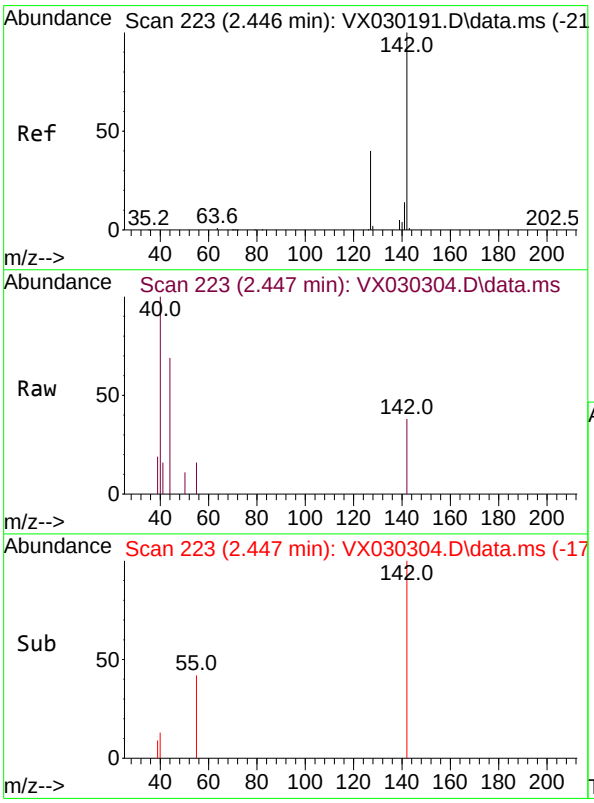
#6
Chloroethane
Concen: 0.645 ug/l
RT: 1.733 min Scan# 1
Delta R.T. 0.055 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 64 Resp: 890

Ion	Ratio	Lower	Upper
64	100		
66	9.1	27.2	40.8#

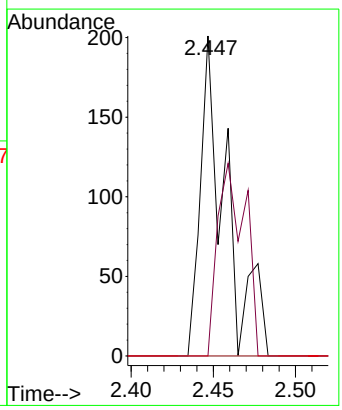


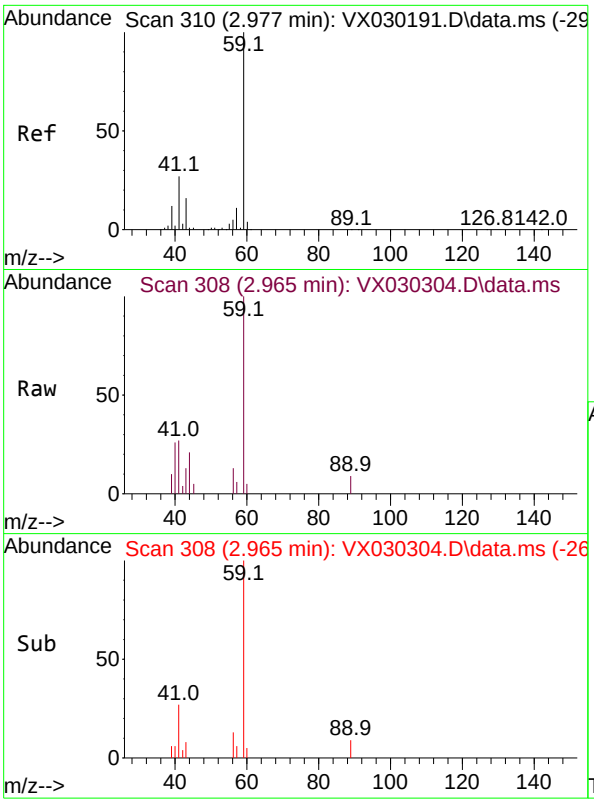


#10
Methyl Iodide
Concen: 1.618 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.001 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion:142 Resp: 219

Ion	Ratio	Lower	Upper
142	100		
127	64.4	30.2	45.2#
141	0.0	11.3	16.9#



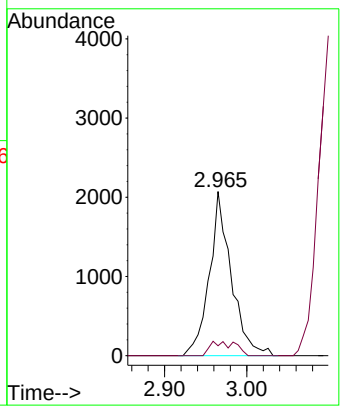


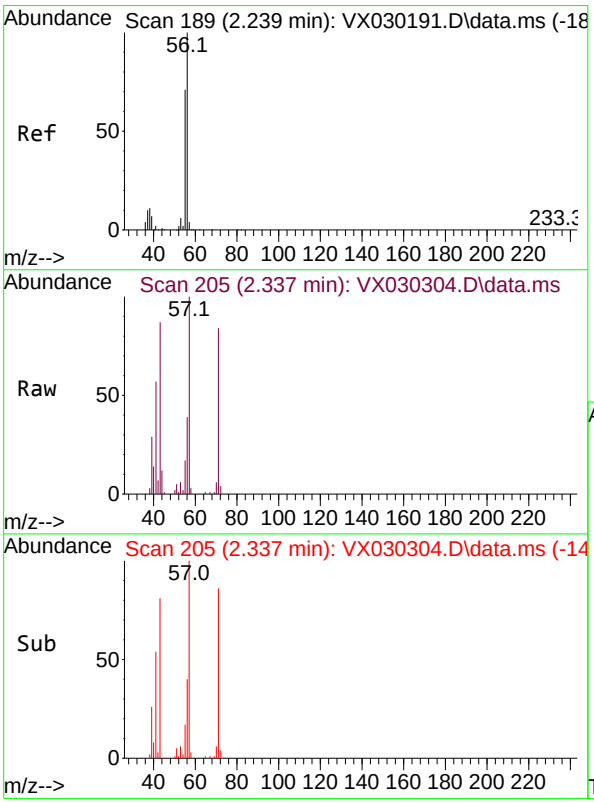
#11
Tert butyl alcohol
Concen: 5.345 ug/l
RT: 2.965 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 59 Resp: 3845

Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.4	11.2

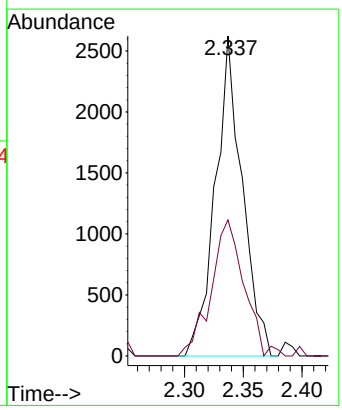


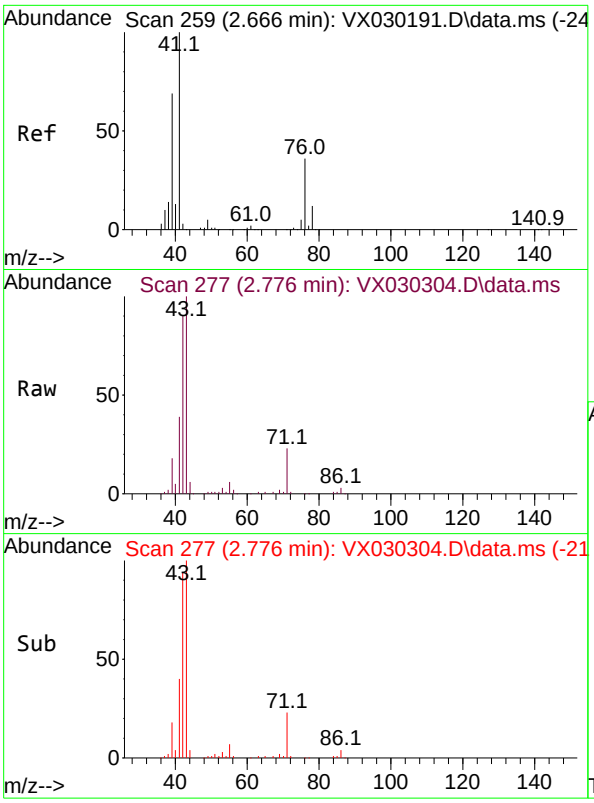


#13
Acrolein
Concen: 23.608 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.098 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 56 Resp: 4174

Ion	Ratio	Lower	Upper
56	100		
55	52.3	56.6	84.8#



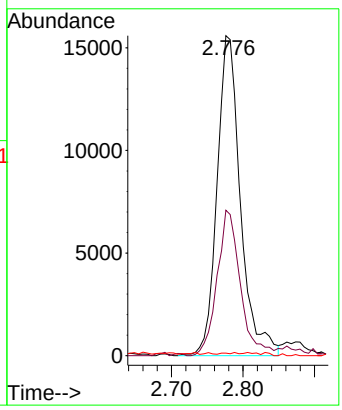


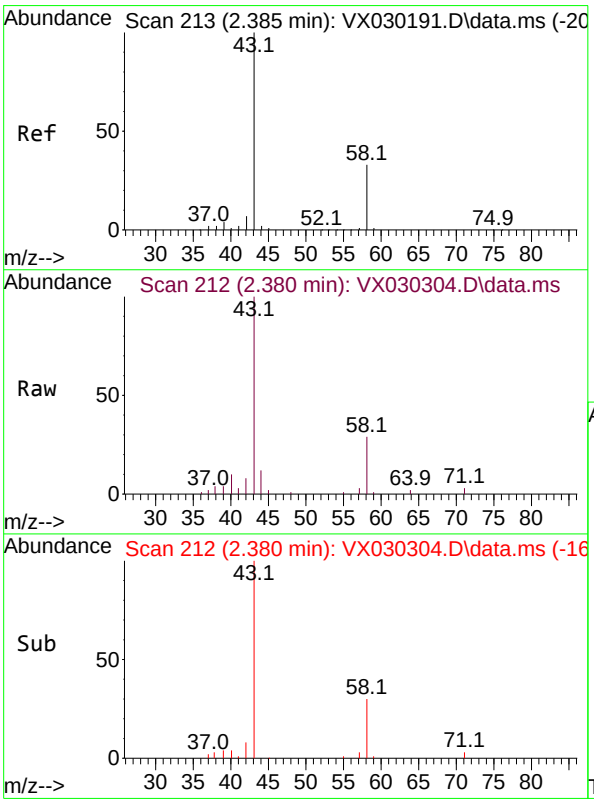
#14
Allyl chloride
Concen: 7.490 ug/l
RT: 2.776 min Scan# 2
Delta R.T. 0.110 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 41 Resp: 35426

Ion	Ratio	Lower	Upper
41	100		
39	45.0	48.9	73.3#
76	0.4	26.9	40.3#

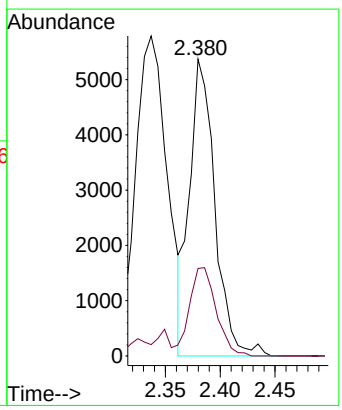


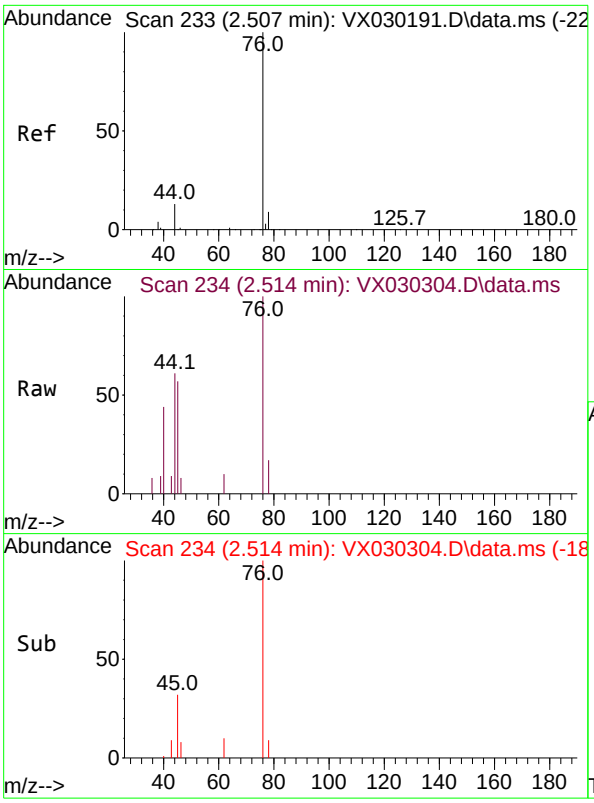


#16
Acetone
Concen: 5.721 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.005 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 43 Resp: 8637

Ion	Ratio	Lower	Upper
43	100		
58	29.5	27.7	41.5



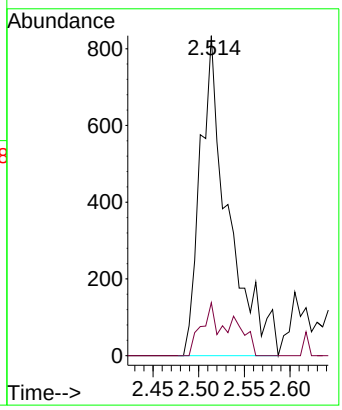


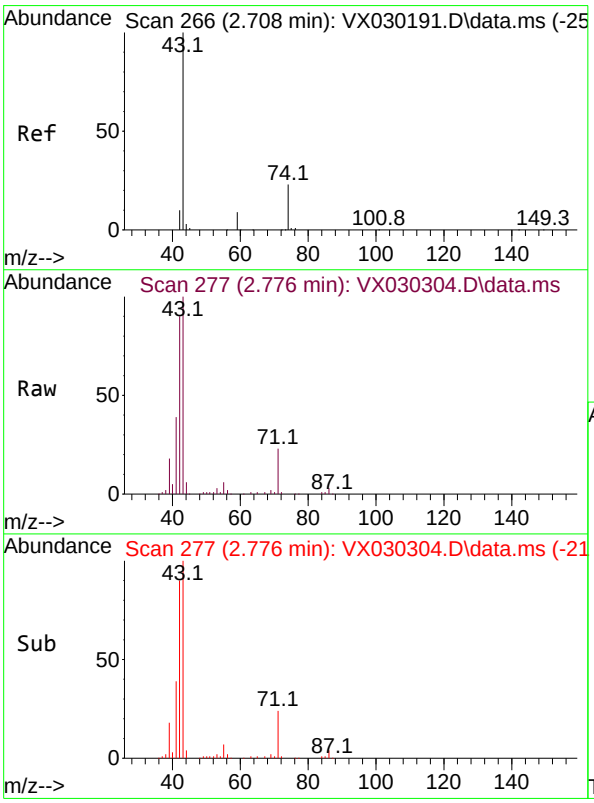
#17
Carbon Disulfide
Concen: 0.289 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.007 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 76 Resp: 1785

Ion	Ratio	Lower	Upper
76	100		
78	16.5	7.8	11.6#

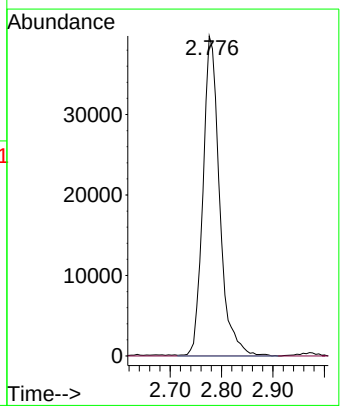


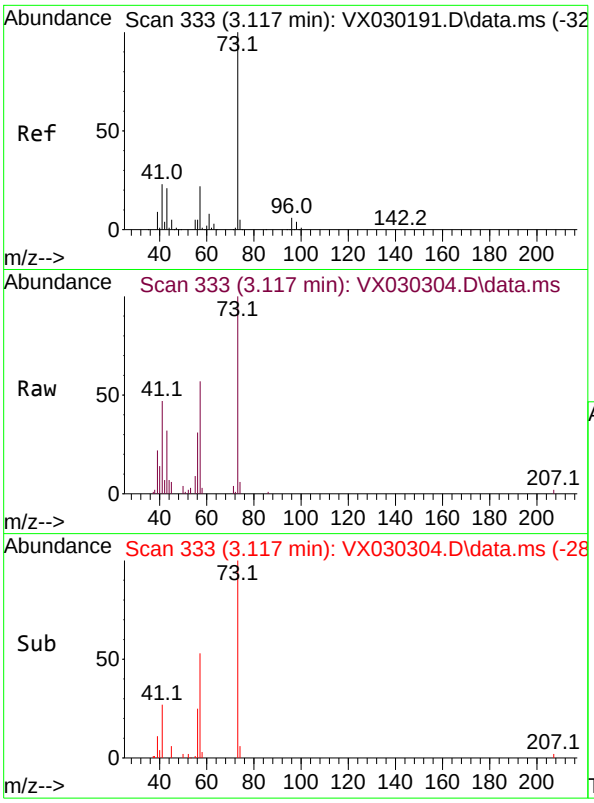


#18
Methyl Acetate
Concen: 19.972 ug/l
RT: 2.776 min Scan# 277
Delta R.T. 0.068 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 43 Resp: 89187

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.4	29.2#



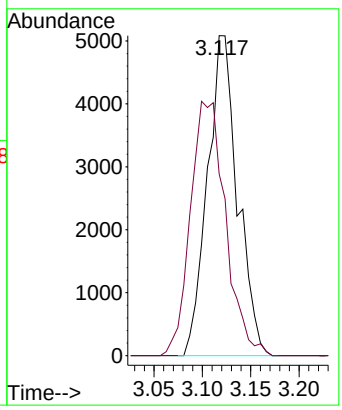


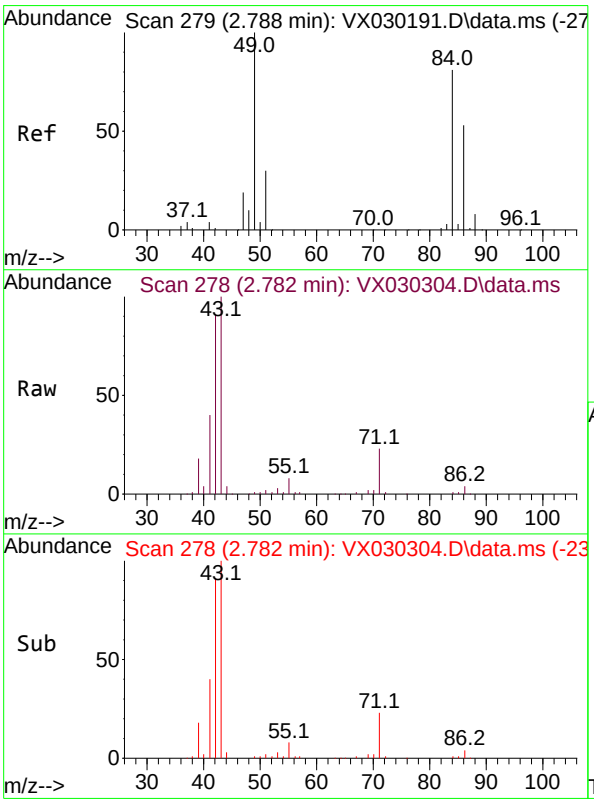
#19
Methyl tert-butyl Ether
Concen: 1.406 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 73 Resp: 11036

Ion	Ratio	Lower	Upper
73	100		
57	56.8	19.0	28.6#

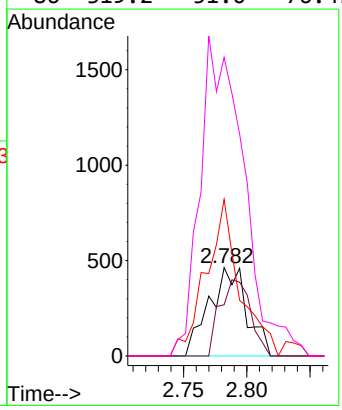


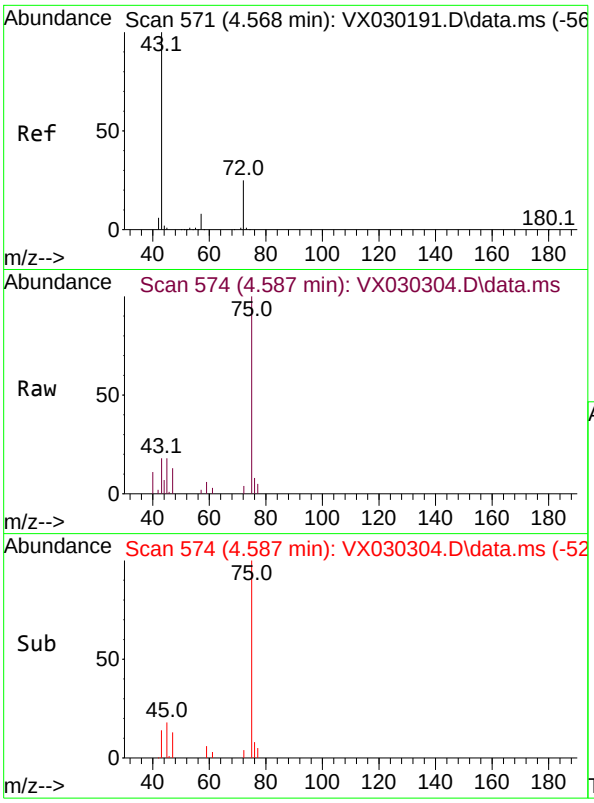


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 84 Resp: 962

Ion	Ratio	Lower	Upper
84	100		
49	58.1	93.8	140.6#
51	177.1	29.4	44.0#
86	319.2	51.0	76.4#



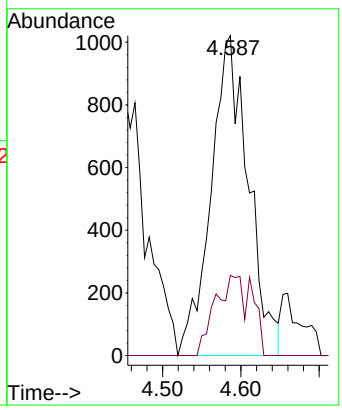


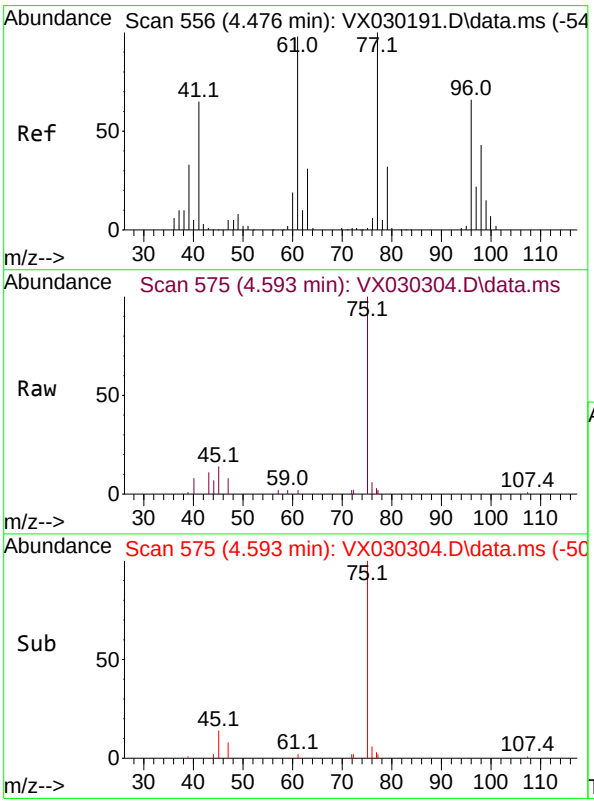
#25
2-Butanone
Concen: 1.331 ug/l
RT: 4.587 min Scan# 5
Delta R.T. 0.019 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 43 Resp: 3377

Ion	Ratio	Lower	Upper
43	100		
72	25.1	21.7	32.5

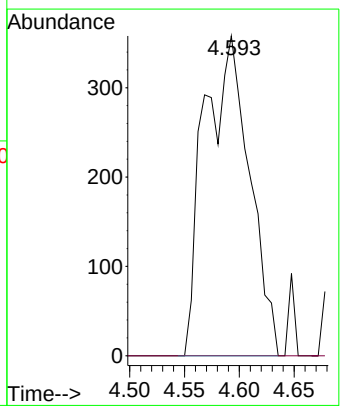


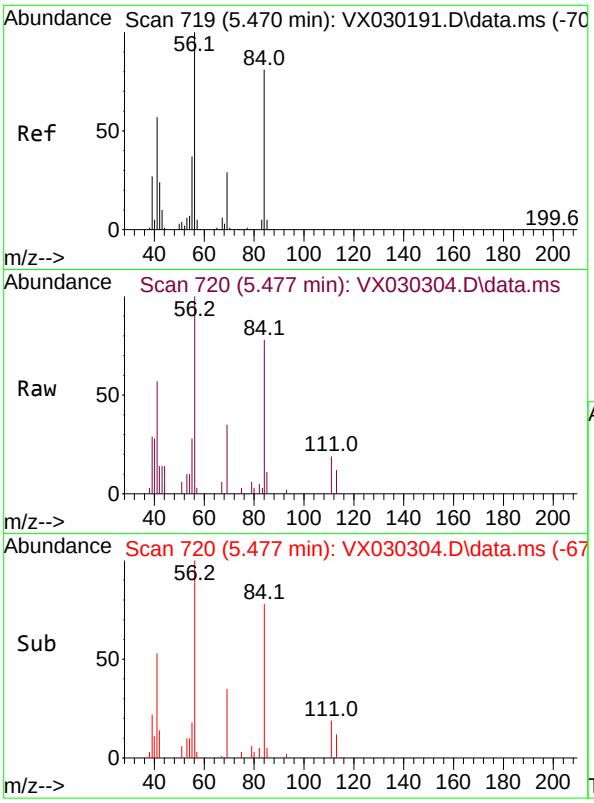


#26
2,2-Dichloropropane
Concen: 0.299 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.117 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 77 Resp: 1028

Ion	Ratio	Lower	Upper
77	100		
97	0.0	13.0	39.0#



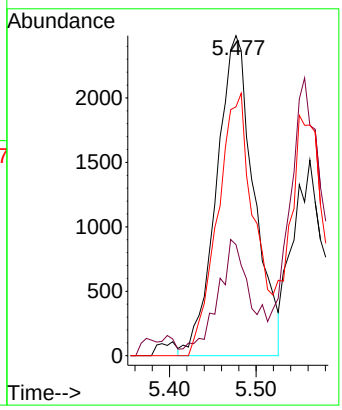


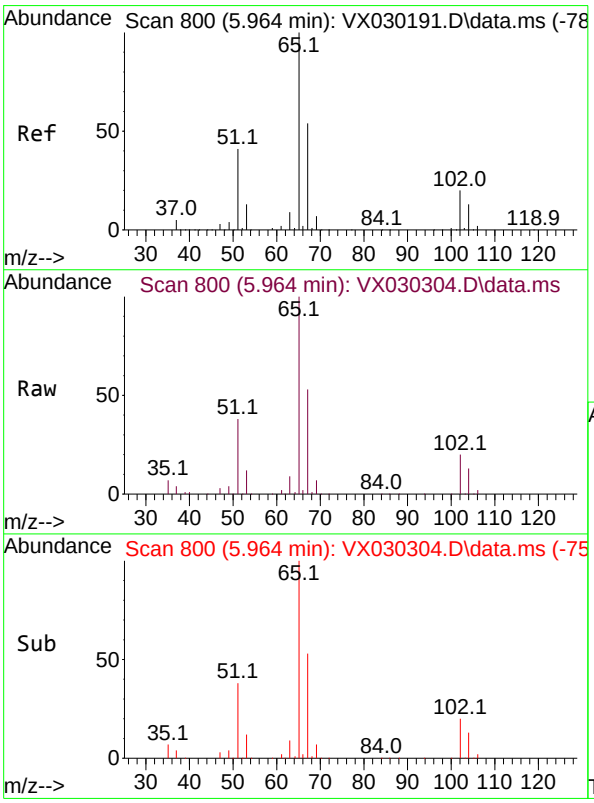
#31
Cyclohexane
Concen: 1.744 ug/l
RT: 5.477 min Scan# 7
Delta R.T. 0.007 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 56 Resp: 7467

Ion	Ratio	Lower	Upper
56	100		
69	33.4	25.4	38.0
84	79.6	68.9	103.3

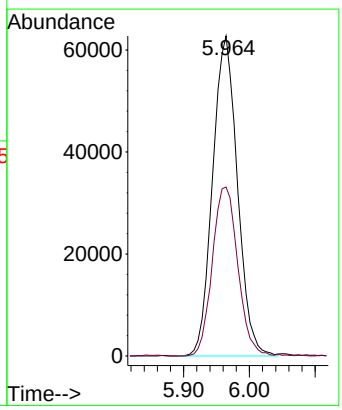


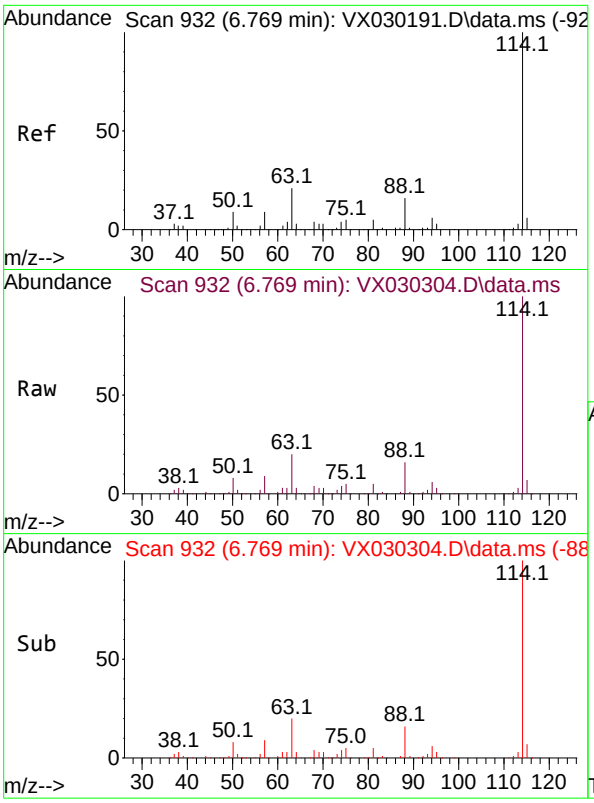


#33
1,2-Dichloroethane-d4
Concen: 55.862 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 65 Resp: 164733

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.6



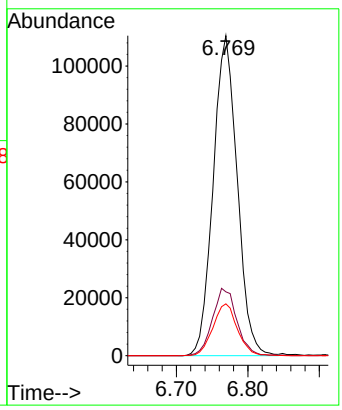


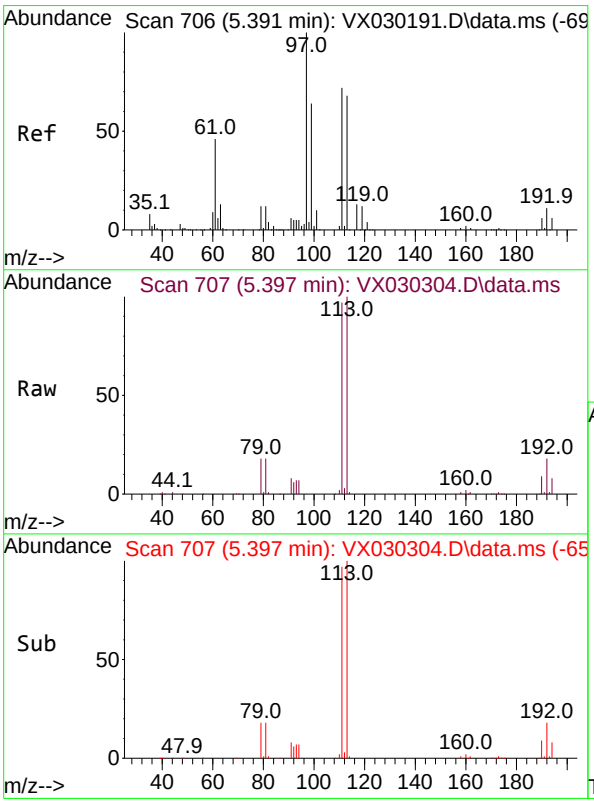
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:114 Resp: 257733

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.4
88	16.2	0.0	31.8

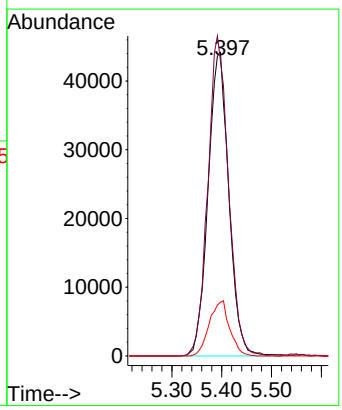


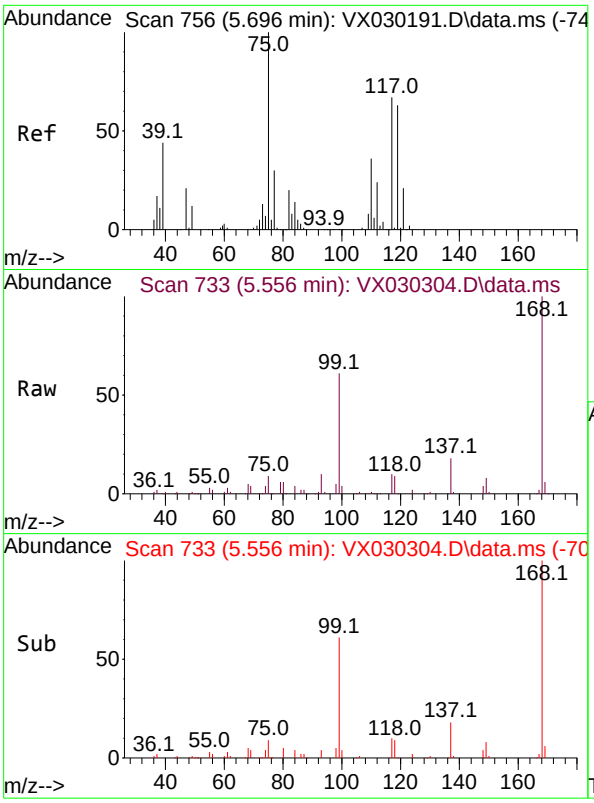


#35
Dibromofluoromethane
Concen: 51.781 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion:113 Resp: 127578

Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.2	124.8
192	17.8	14.8	22.2



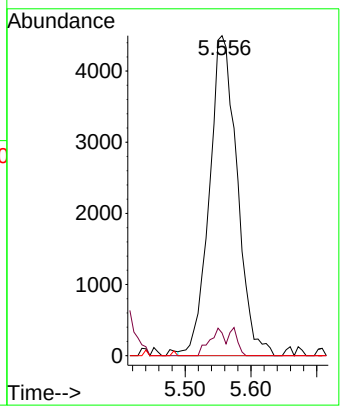


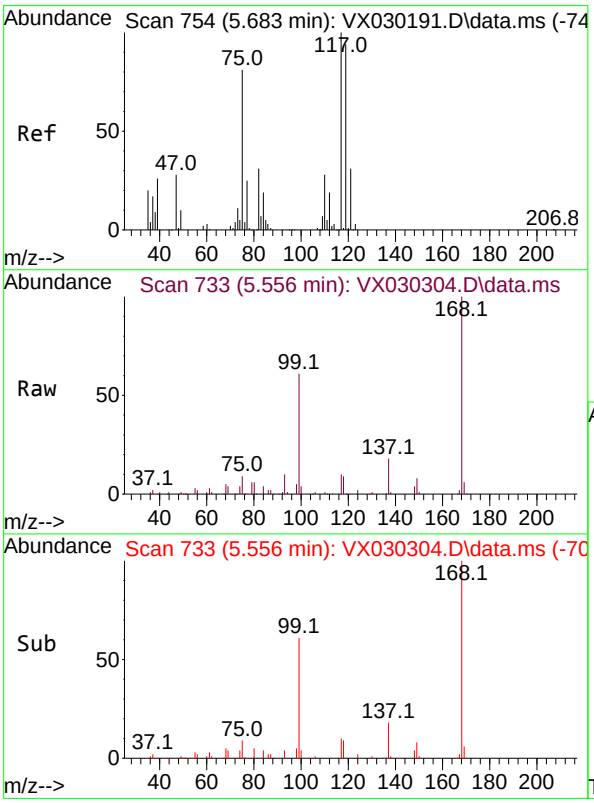
#36
1,1-Dichloropropene
Concen: 3.728 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 13217

Ion	Ratio	Lower	Upper
75	100		
110	4.6	19.3	57.9#
77	0.0	24.4	36.6#

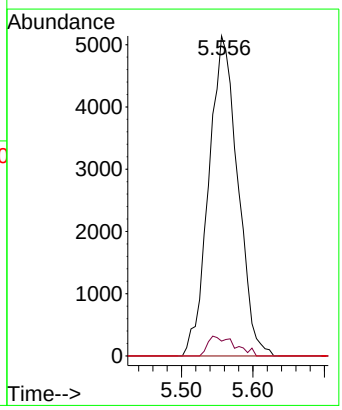


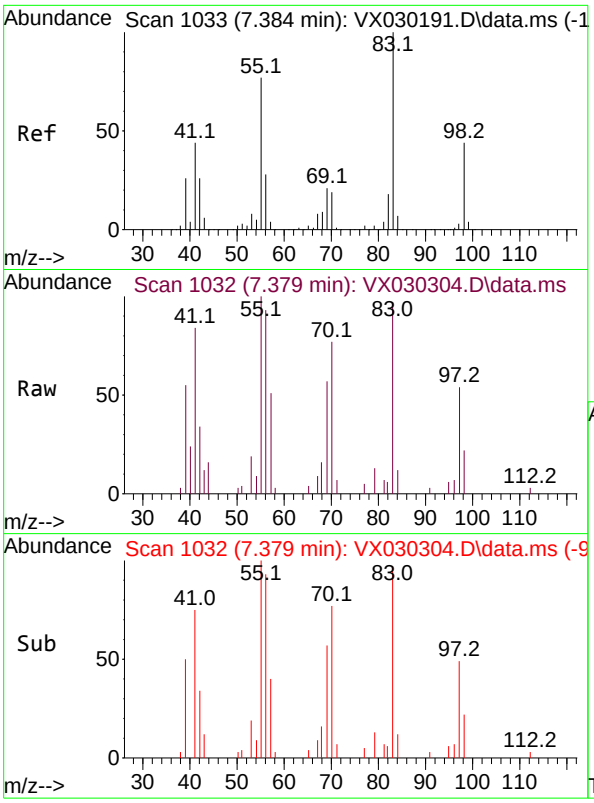


#38
Carbon Tetrachloride
Concen: 4.379 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion:117 Resp: 14496

Ion	Ratio	Lower	Upper
117	100		
119	4.6	74.1	111.1#
121	0.0	25.8	38.8#



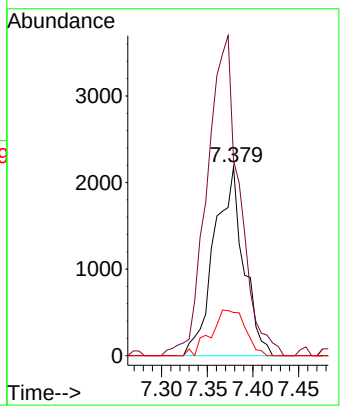


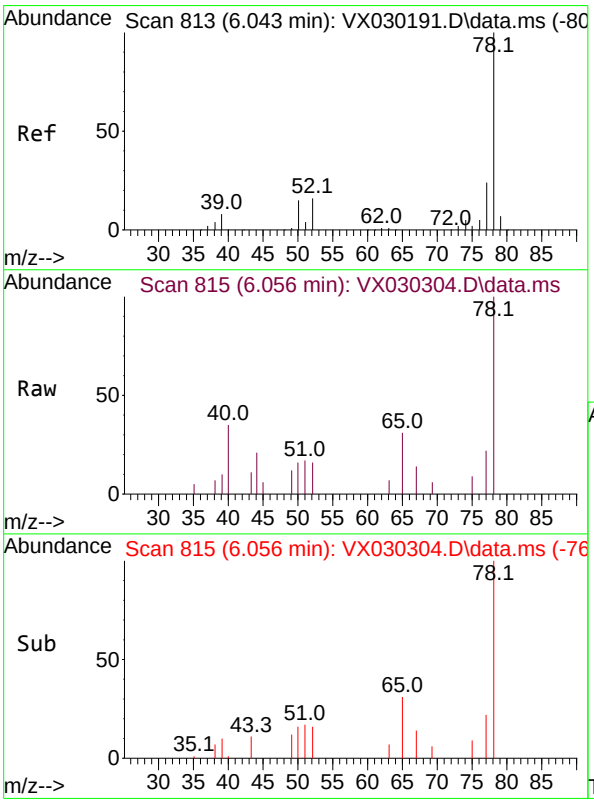
#39
Methylcyclohexane
Concen: 1.064 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.005 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 83 Resp: 4869

Ion	Ratio	Lower	Upper
83	100		
55	98.5	57.7	86.5#
98	22.8	36.5	54.7#

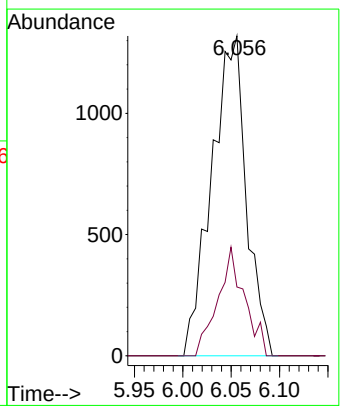


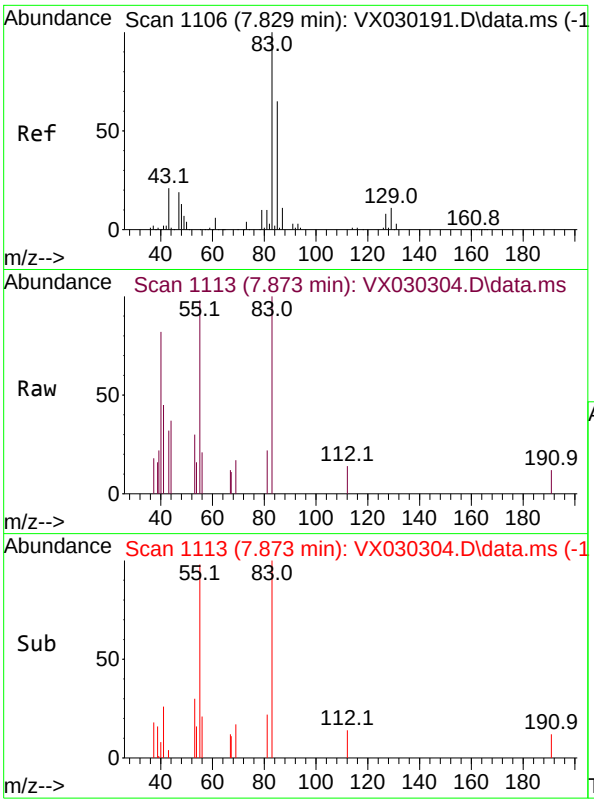


#40
Benzene
Concen: 0.296 ug/l
RT: 6.056 min Scan# 815
Delta R.T. 0.013 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 78 Resp: 3301

Ion	Ratio	Lower	Upper
78	100		
77	21.5	18.0	27.0



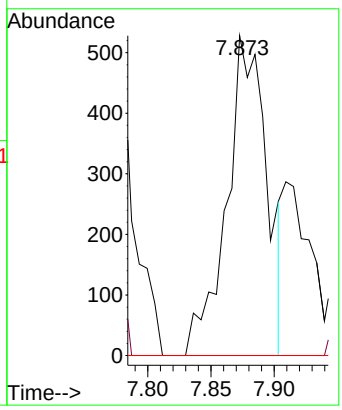


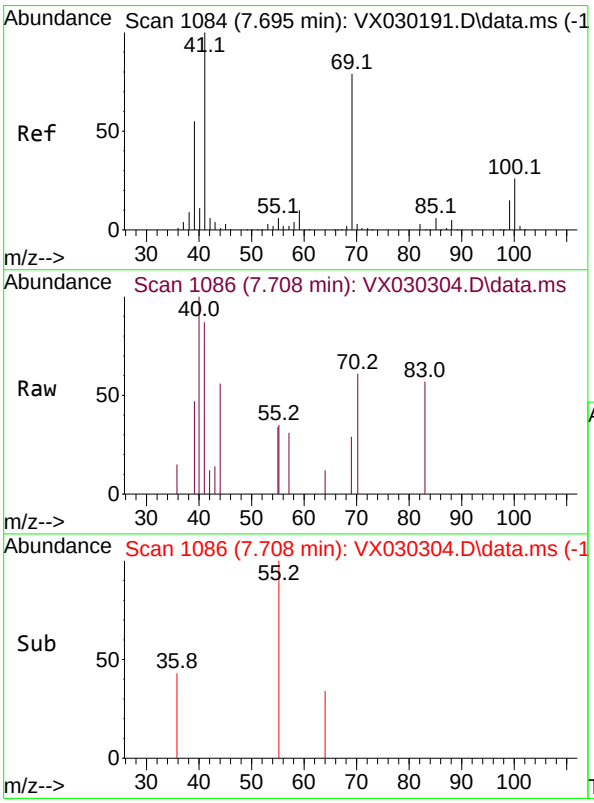
#47
Bromodichloromethane
Concen: 0.316 ug/l
RT: 7.873 min Scan# 11
Delta R.T. 0.044 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 83 Resp: 1161

Ion	Ratio	Lower	Upper
83	100		
85	0.0	53.5	80.3#
127	0.0	6.6	10.0#

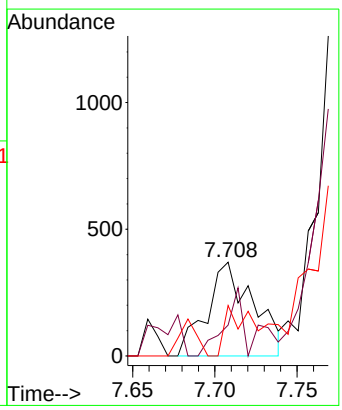


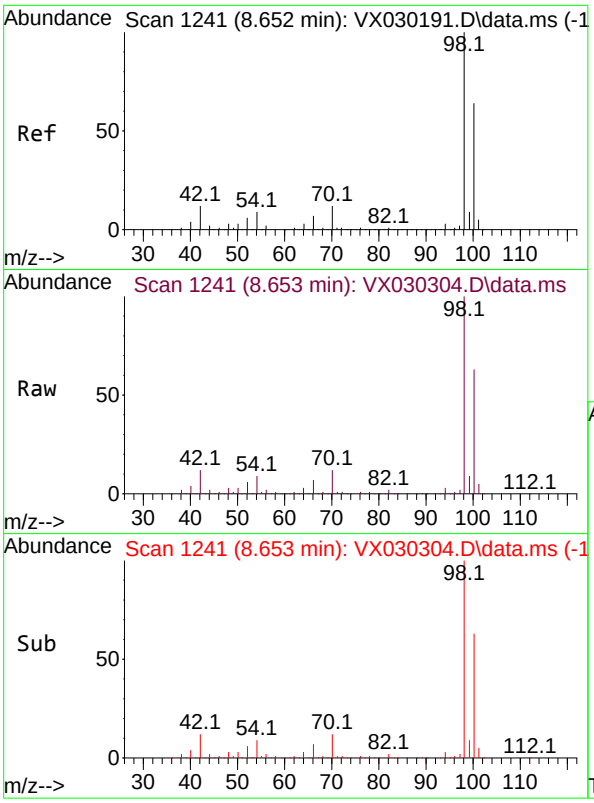


#48
Methyl methacrylate
Concen: 0.202 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.013 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 41 Resp: 732

Ion	Ratio	Lower	Upper
41	100		
69	38.4	68.8	103.2#
39	41.5	44.6	66.8#



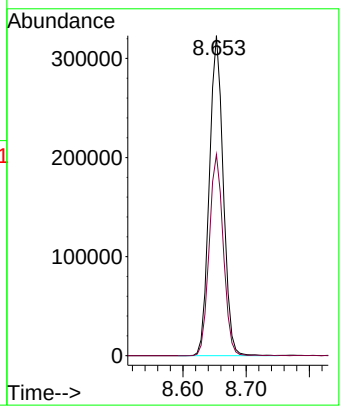


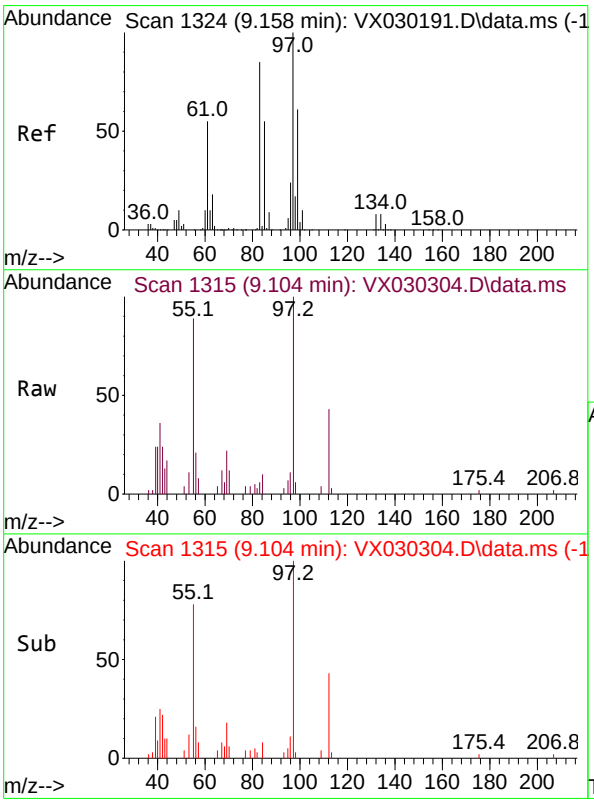
#50
Toluene-d8
Concen: 51.732 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 98 Resp: 493599

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.3	78.5

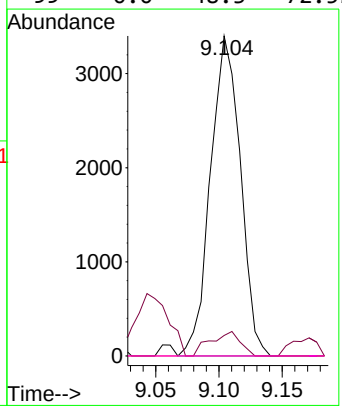


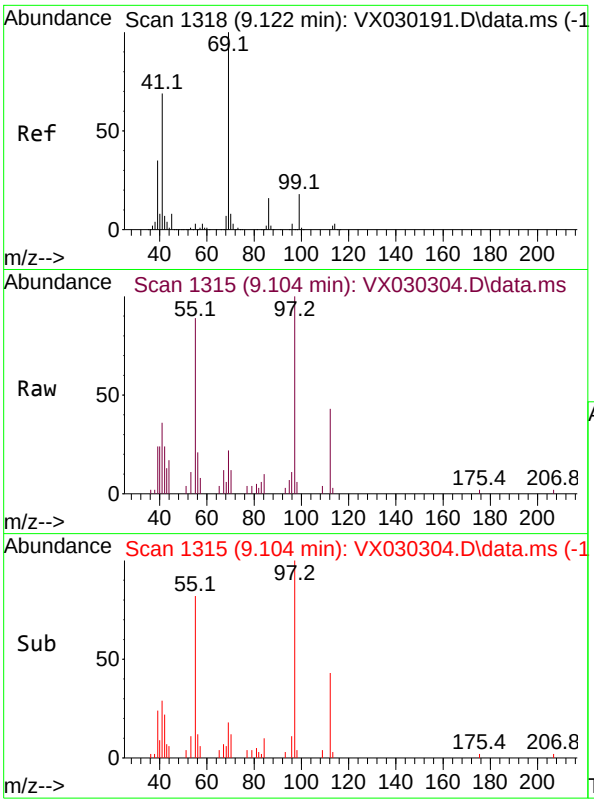


#55
1,1,2-Trichloroethane
Concen: 1.930 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.054 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 97 Resp: 5592

Ion	Ratio	Lower	Upper
97	100		
83	6.4	68.9	103.3#
85	0.0	44.0	66.0#
99	0.0	48.3	72.5#



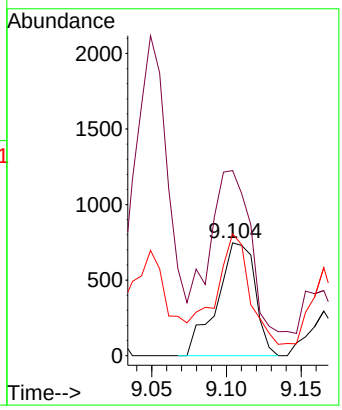


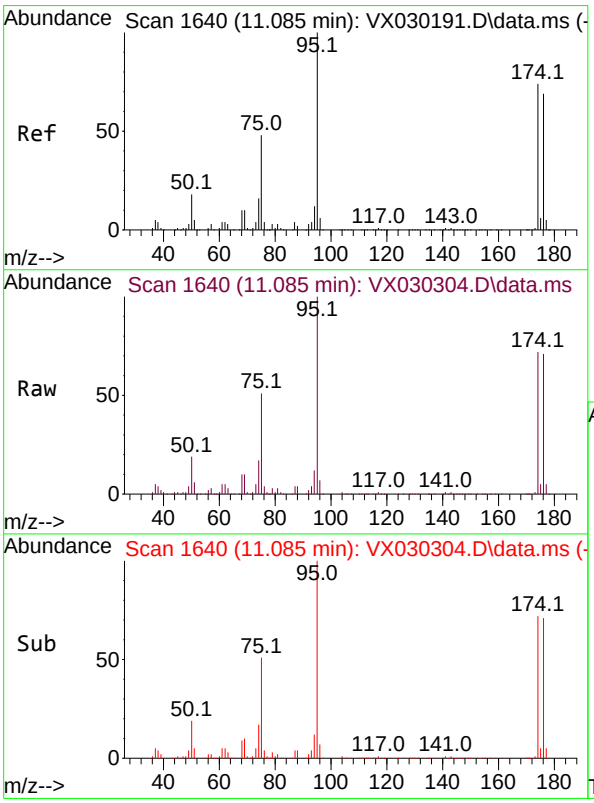
#56
Ethyl methacrylate
Concen: 0.288 ug/l
RT: 9.104 min Scan# 1
Delta R.T. -0.018 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 69 Resp: 1318

Ion	Ratio	Lower	Upper
69	100		
41	168.4	52.3	78.5#
39	86.4	28.2	42.4#

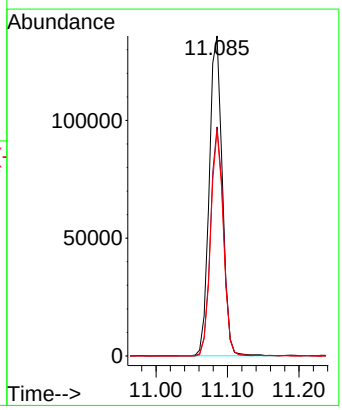


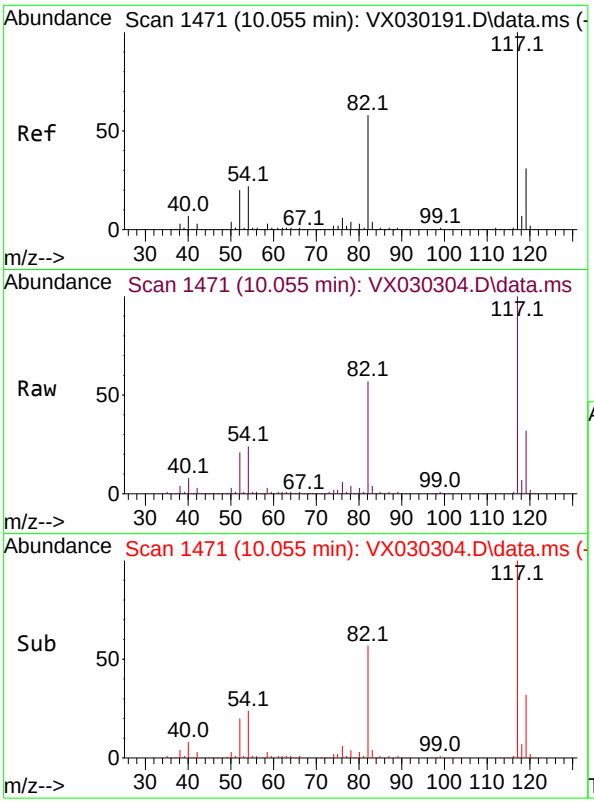


#62
4-Bromofluorobenzene
Concen: 48.582 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 95 Resp: 172032

Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	149.0
176	68.3	0.0	146.0



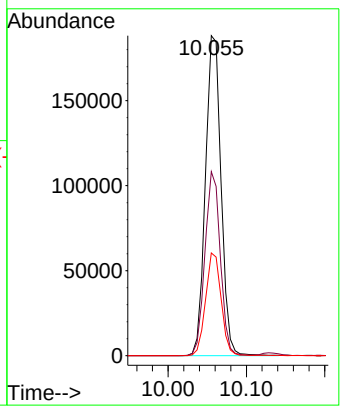


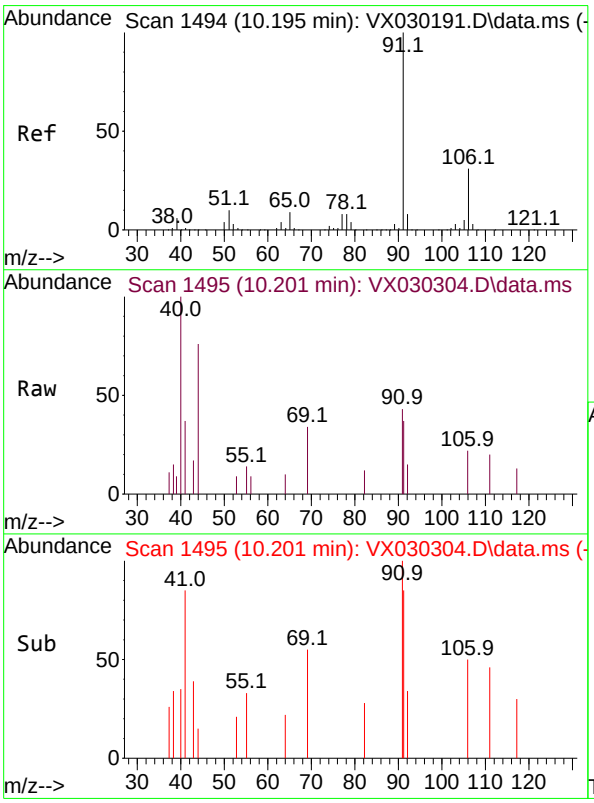
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:117 Resp: 260402

Ion	Ratio	Lower	Upper
117	100		
82	57.5	42.7	64.1
119	32.1	25.4	38.2

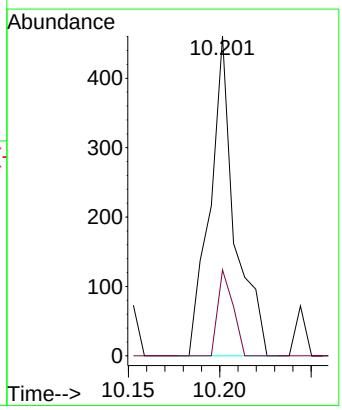


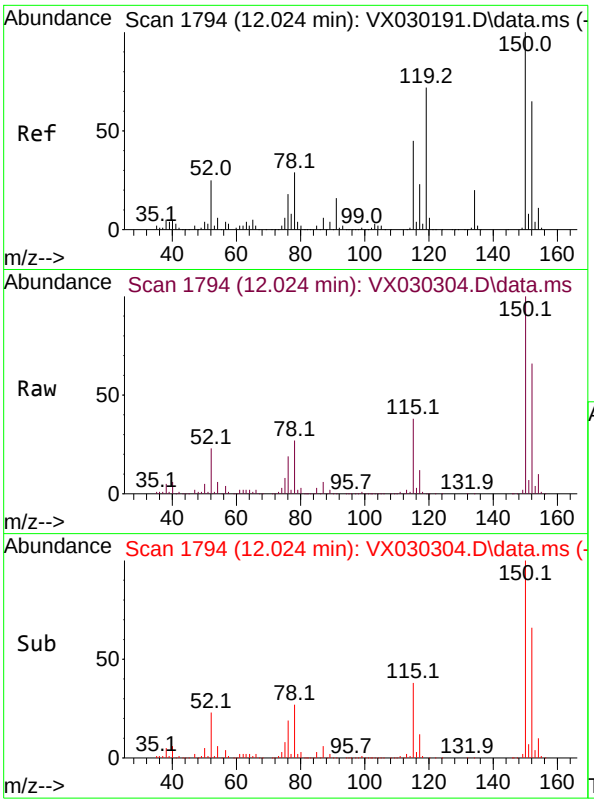


#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 91 Resp: 433

Ion	Ratio	Lower	Upper
91	100		
106	26.9	25.5	38.3



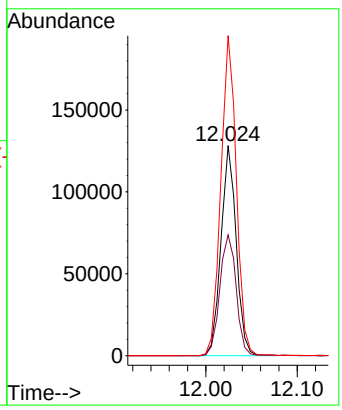


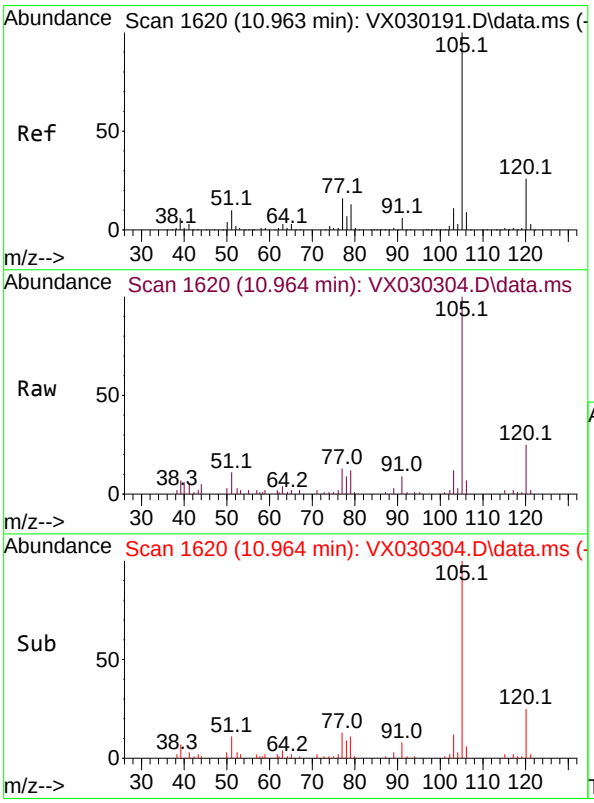
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 148690

Ion	Ratio	Lower	Upper
152	100		
115	61.8	40.5	121.5
150	155.3	0.0	347.0

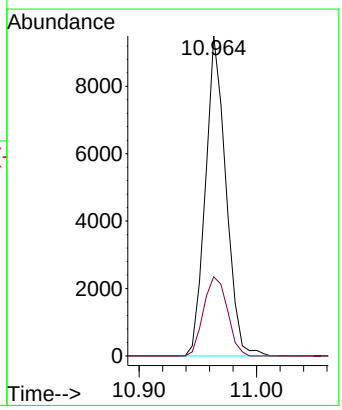


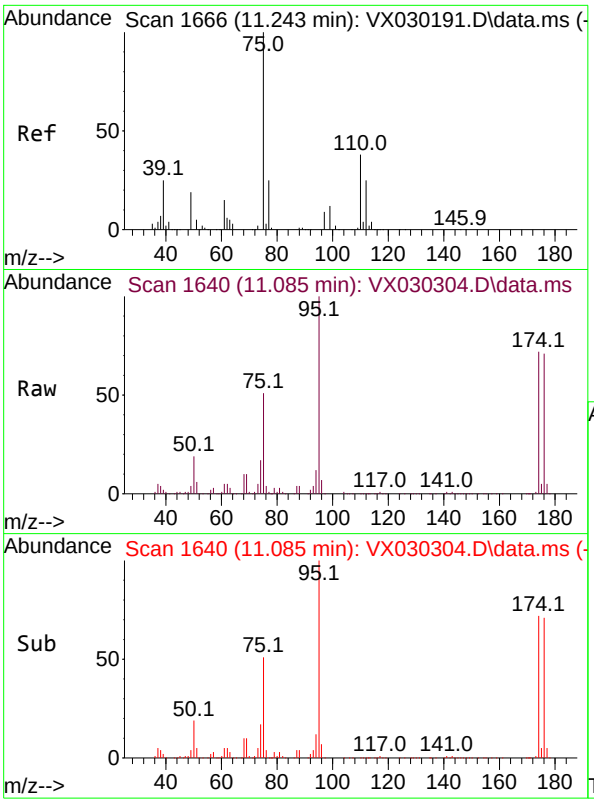


#73
Isopropylbenzene
Concen: 0.990 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion:105 Resp: 11489

Ion	Ratio	Lower	Upper
105	100		
120	28.7	13.5	40.4



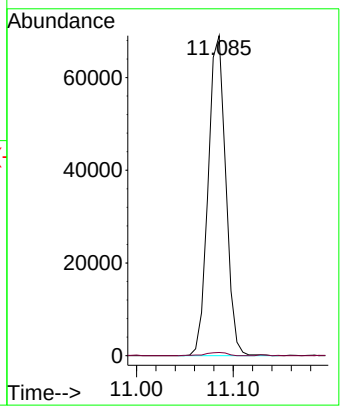


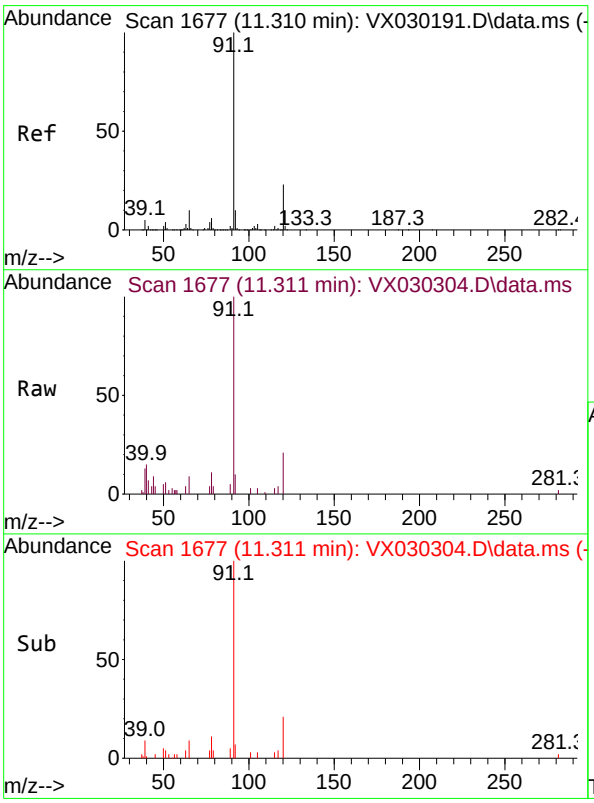
#76
1,2,3-Trichloropropane
Concen: 22.267 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 87275

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.8	59.3#

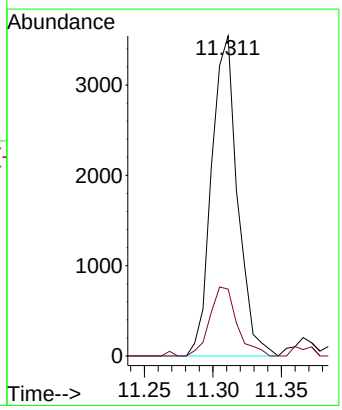


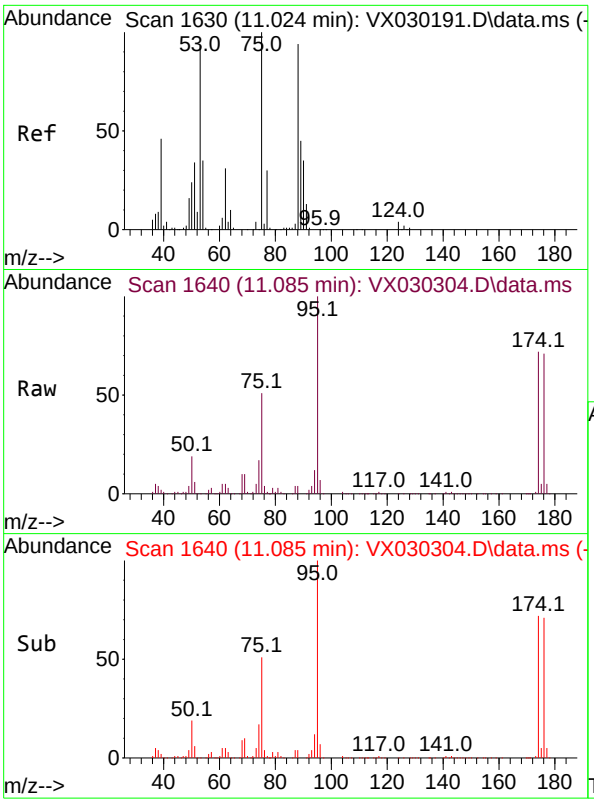


#78
n-propylbenzene
Concen: 0.338 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.001 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 91 Resp: 4678

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.6	34.8



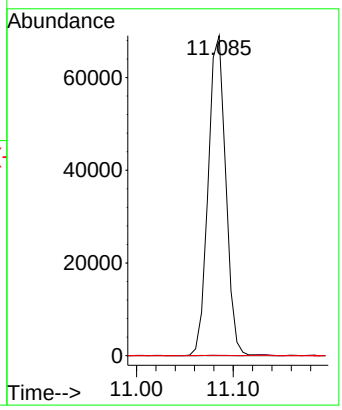


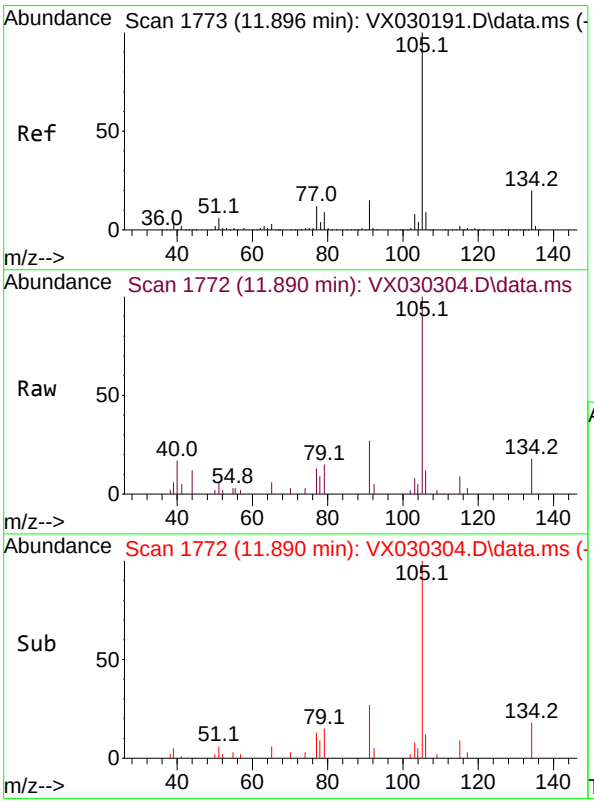
#81
trans-1,4-Dichloro-2-butene
Concen: 66.801 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 87275

Ion	Ratio	Lower	Upper
75	100		
53	0.2	74.2	111.4#
89	0.0	34.8	52.2#





#85
sec-Butylbenzene
Concen: 0.364 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion:105 Resp: 4493

Ion	Ratio	Lower	Upper
105	100		
134	64.2	10.0	30.0#