Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
Data File : VX030355.D
Acq On : 02 Aug 2022 16:18
Operator : JC/MD
Sample : PB146634ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Quant Time: Aug 03 01:08:49 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	157508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	286681	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164854	52.073	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.140%			
35) Dibromofluoromethane	5.397	113	133034	48.543	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.080%			
50) Toluene-d8	8.653	98	505237	47.605	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.220%			
62) 4-Bromofluorobenzene	11.085	95	179458	45.562	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.120%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	598	Below Cal	#	51
6) Chloroethane	1.666	64	539	0.364	ug/l #	83
11) Tert butyl alcohol	2.971	59	5764	7.464	ug/l #	94
13) Acrolein	2.233	56	44	0.232	ug/l #	1
14) Allyl chloride	2.654	41	2476	0.488	ug/l #	54
16) Acetone	2.380	43	101197	62.436	ug/l	96
18) Methyl Acetate	2.709	43	4513	0.941	ug/l #	84
20) Methylene Chloride	2.794	84	16835	3.712	ug/l	97
25) 2-Butanone	4.568	43	32994	12.114	ug/l	95
29) Tetrahydrofuran	5.025	42	12103	6.604	ug/l	96
31) Cyclohexane	5.562	56	3665	0.797	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	13127	3.328	ug/l #	49
37) Ethyl Acetate	4.727	43	51416	9.206	ug/l	97
38) Carbon Tetrachloride	5.562	117	16052	4.360	ug/l #	16
41) Methacrylonitrile	5.019	41	6586	2.200	ug/l #	46
43) Isopropyl Acetate	6.348	43	218601	26.700	ug/l	97
48) Methyl methacrylate	7.805	41	189103	46.925	ug/l #	41
49) 1,4-Dioxane	7.665	88	371	3.986	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	170817	30.732	ug/l #	52
53) t-1,3-Dichloropropene	8.958	75	1380	0.313	ug/l #	42
54) cis-1,3-Dichloropropene	8.555	75	73763	15.347	ug/l #	63
57) 1,3-Dichloropropane	9.488	76	9735	1.830	ug/l #	43
59) 2-Hexanone	9.488	43	139071	31.714	ug/l #	50
67) Ethyl Benzene	10.207	91	304	Below Cal	#	66
74) N-amyl acetate	10.640	43	47532	7.784	ug/l #	54
76) 1,2,3-Trichloropropane	11.085	75	88893	20.954	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	88893	62.861	ug/l #	12

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

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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ClientSampleId :
PB146634ZHE#02

Quant Time: Aug 03 01:08:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
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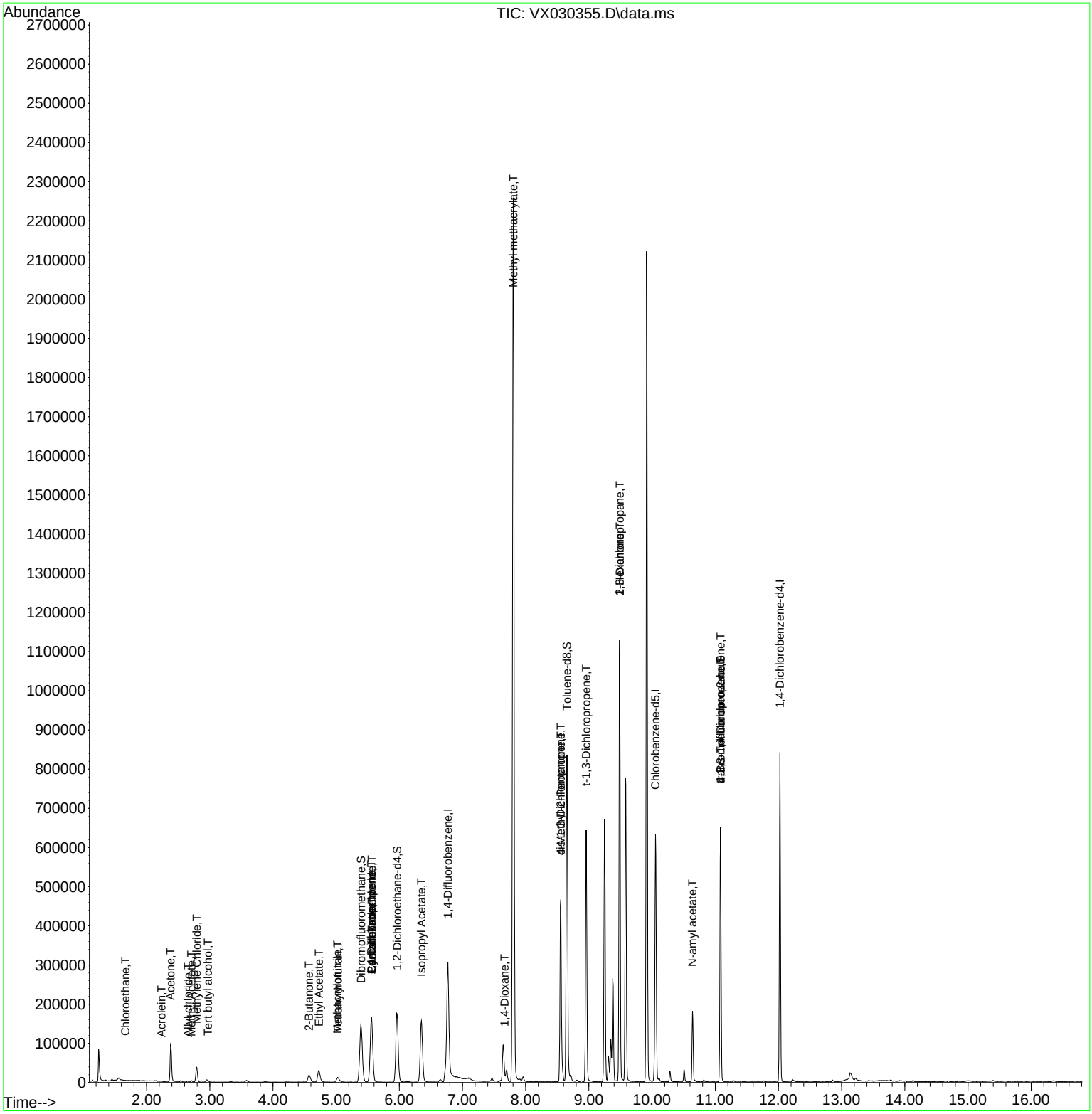
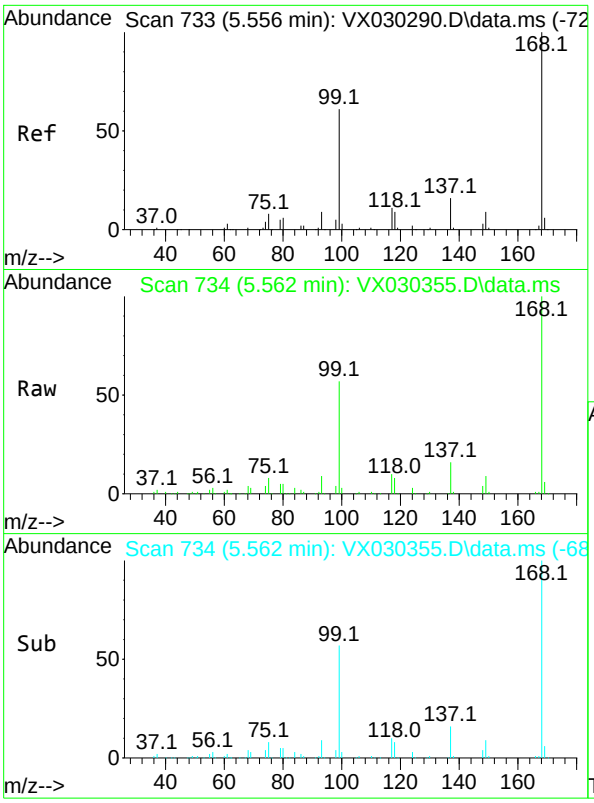


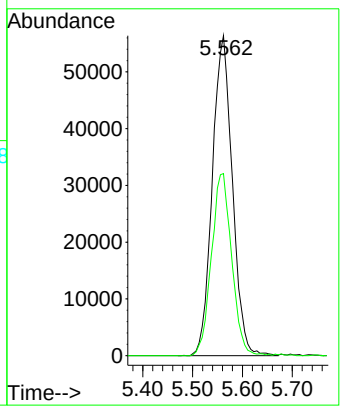


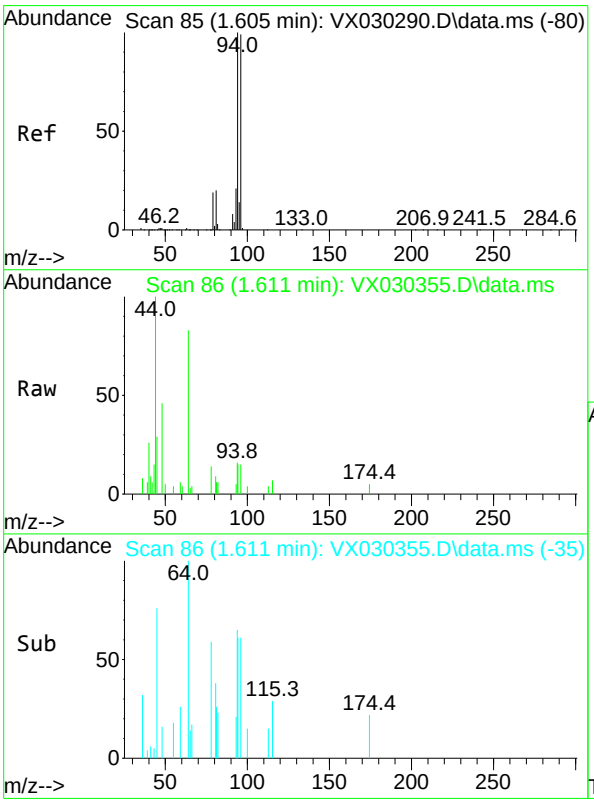
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion:168 Resp: 157508

Ion	Ratio	Lower	Upper
168	100		
99	56.9	44.0	66.0

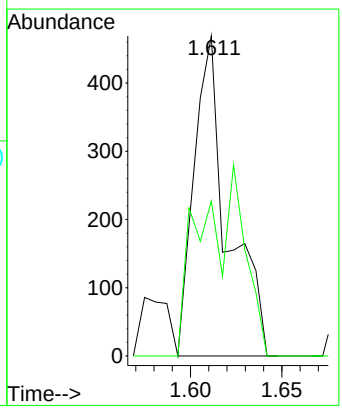


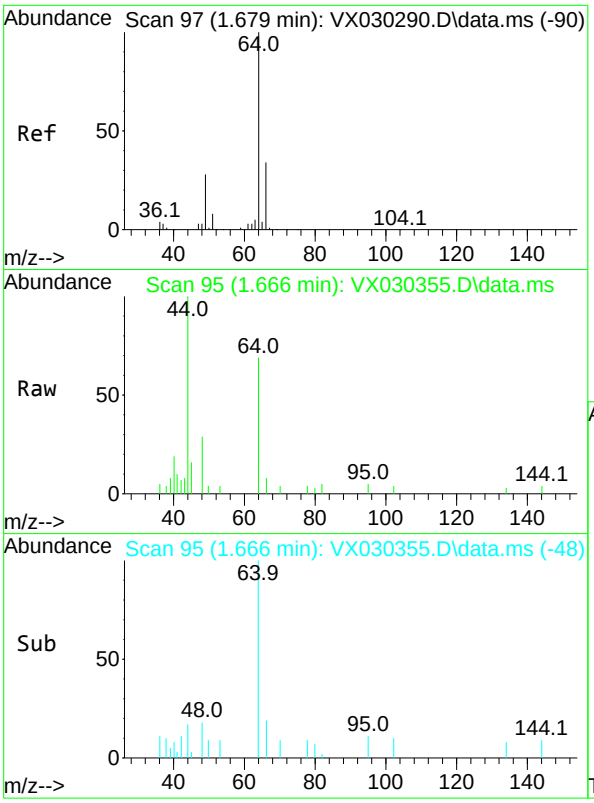


#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 94 Resp: 598

Ion	Ratio	Lower	Upper
94	100		
96	48.4	76.9	115.3#



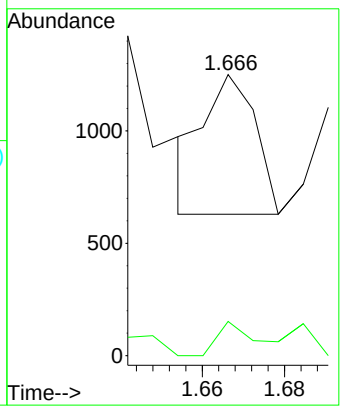


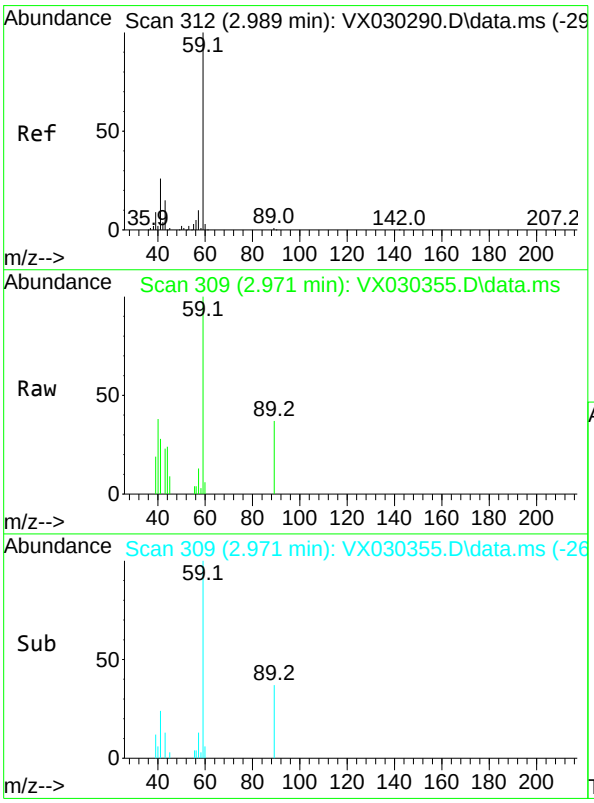
#6
Chloroethane
Concen: 0.364 ug/l
RT: 1.666 min Scan# 9
Delta R.T. -0.012 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 64 Resp: 539

Ion	Ratio	Lower	Upper
64	100		
66	24.4	27.2	40.8#

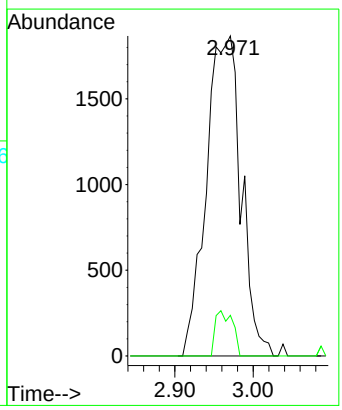


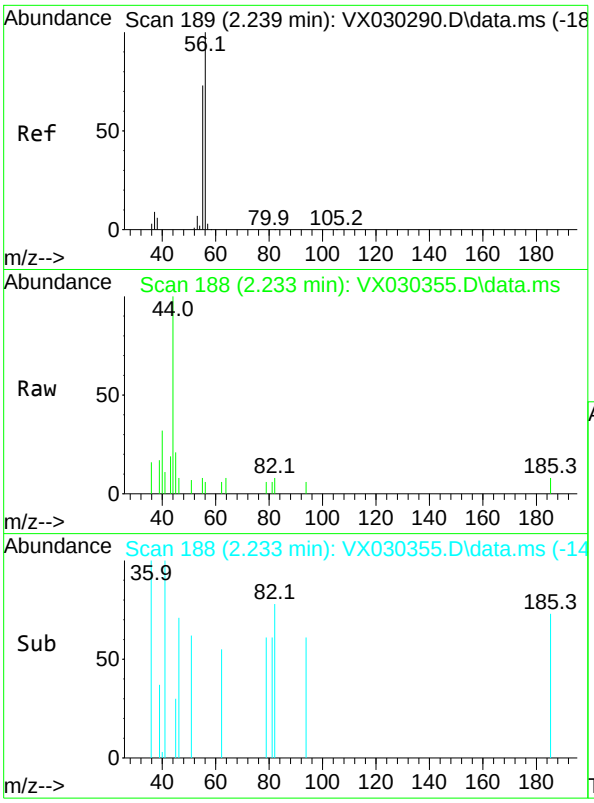


#11
Tert butyl alcohol
Concen: 7.464 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 59 Resp: 5764

Ion	Ratio	Lower	Upper
59	100		
57	7.0	7.4	11.2#



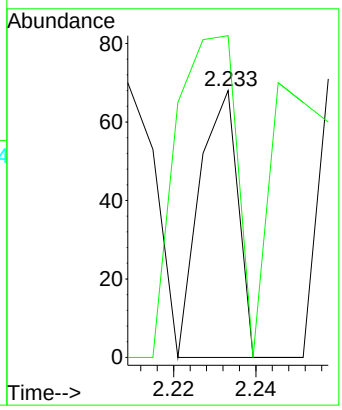


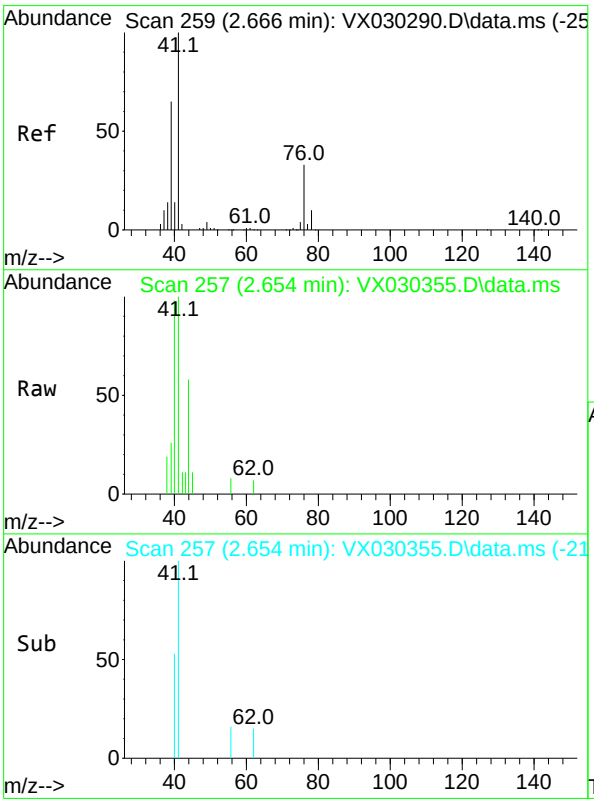
#13
Acrolein
Concen: 0.232 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 56 Resp: 44

Ion	Ratio	Lower	Upper
56	100		
55	188.6	56.6	84.8#

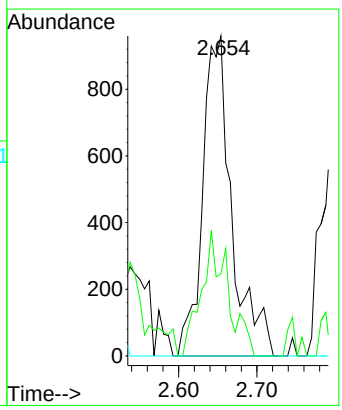


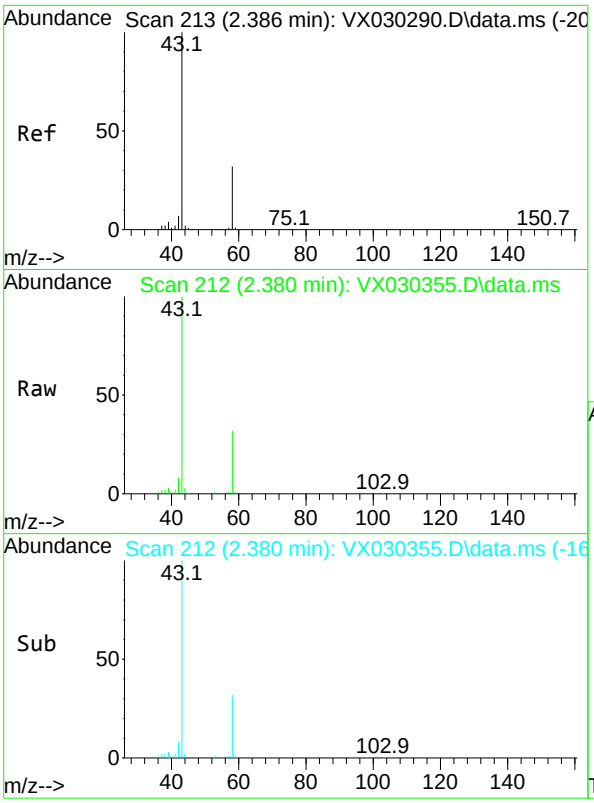


#14
Allyl chloride
Concen: 0.488 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.012 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 41 Resp: 2476

Ion	Ratio	Lower	Upper
41	100		
39	31.5	48.9	73.3#
76	0.0	26.9	40.3#



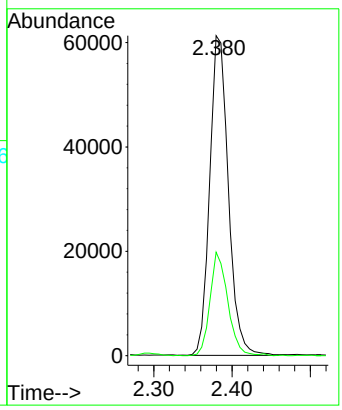


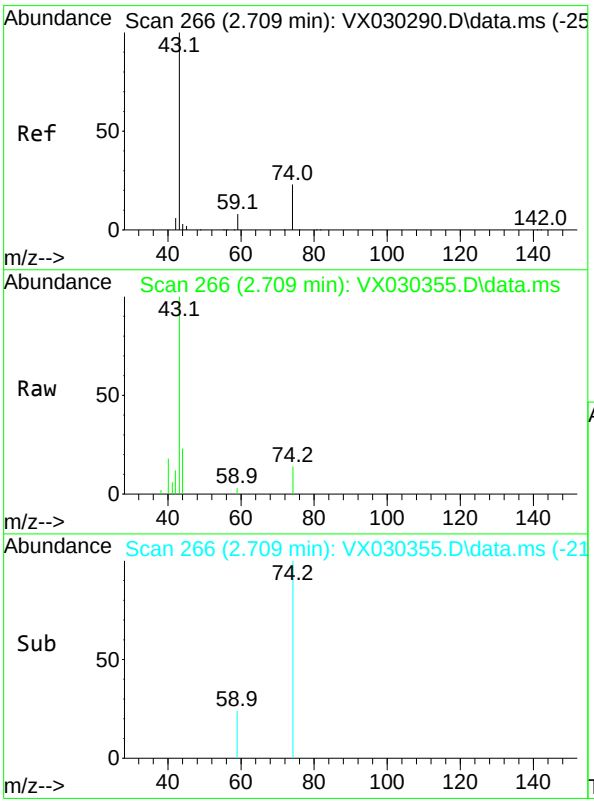
#16
Acetone
Concen: 62.436 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 43 Resp: 101197

Ion	Ratio	Lower	Upper
43	100		
58	32.3	27.7	41.5

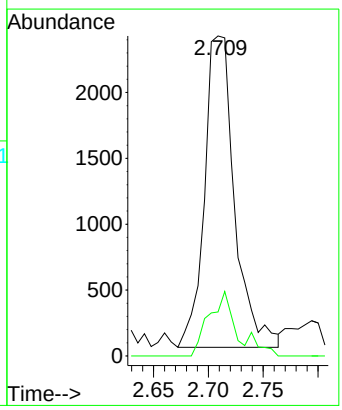


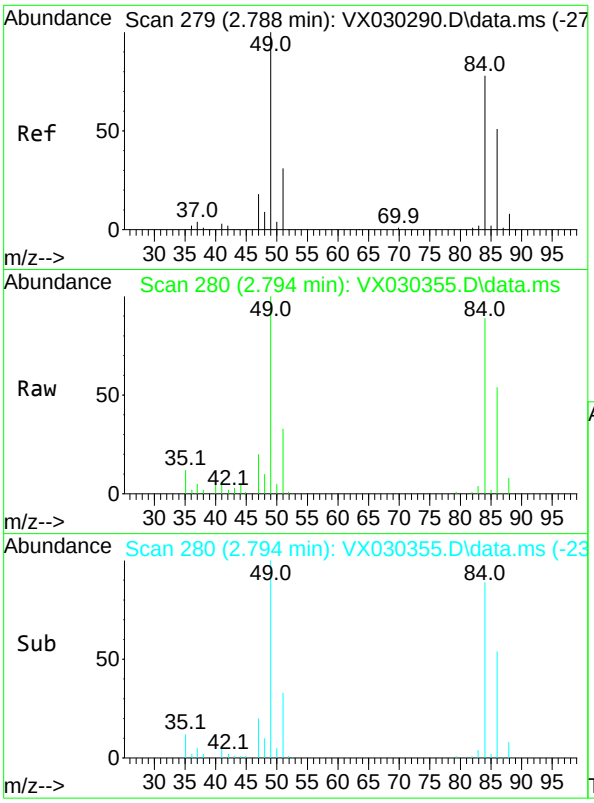


#18
Methyl Acetate
Concen: 0.941 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 43 Resp: 4513

Ion	Ratio	Lower	Upper
43	100		
74	16.5	19.4	29.2#



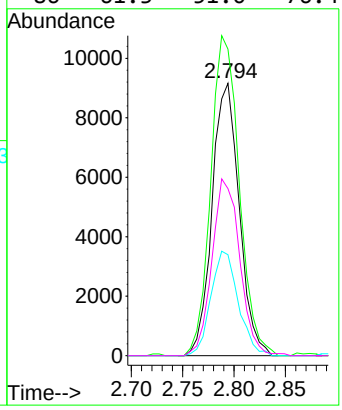


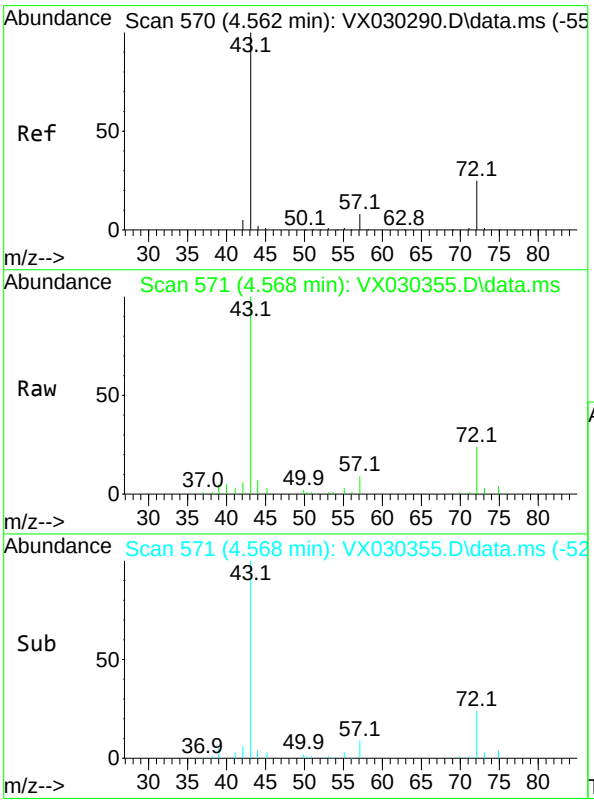
#20
Methylene Chloride
Concen: 3.712 ug/l
RT: 2.794 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 84 Resp: 16835

Ion	Ratio	Lower	Upper
84	100		
49	112.6	93.8	140.6
51	37.1	29.4	44.0
86	61.3	51.0	76.4

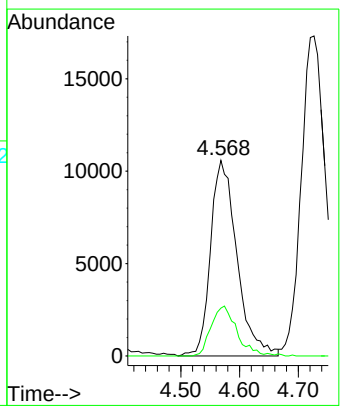


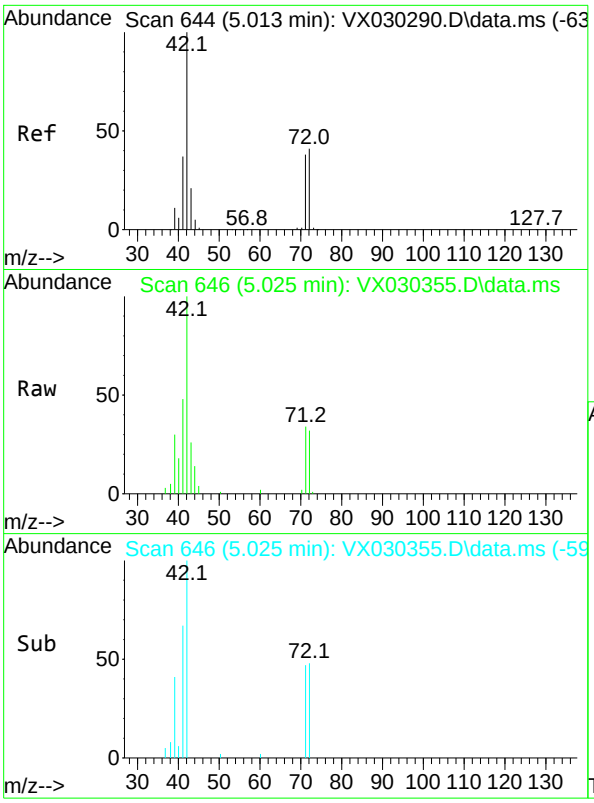


#25
2-Butanone
Concen: 12.114 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 43 Resp: 32994

Ion	Ratio	Lower	Upper
43	100		
72	24.5	21.7	32.5



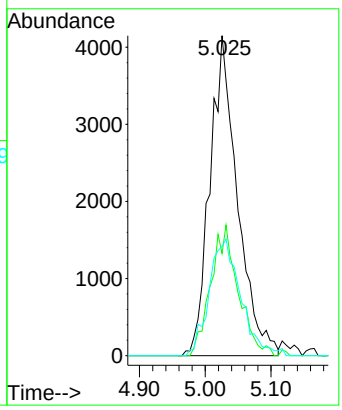


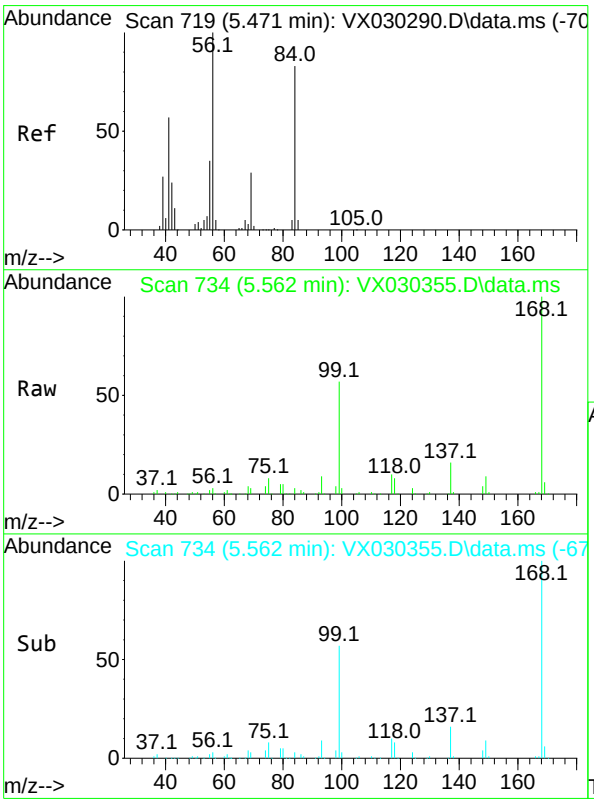
#29
Tetrahydrofuran
Concen: 6.604 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 42 Resp: 12103

Ion	Ratio	Lower	Upper
42	100		
72	40.6	36.5	54.7
71	41.8	33.9	50.9

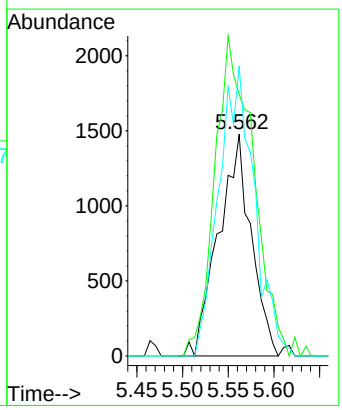


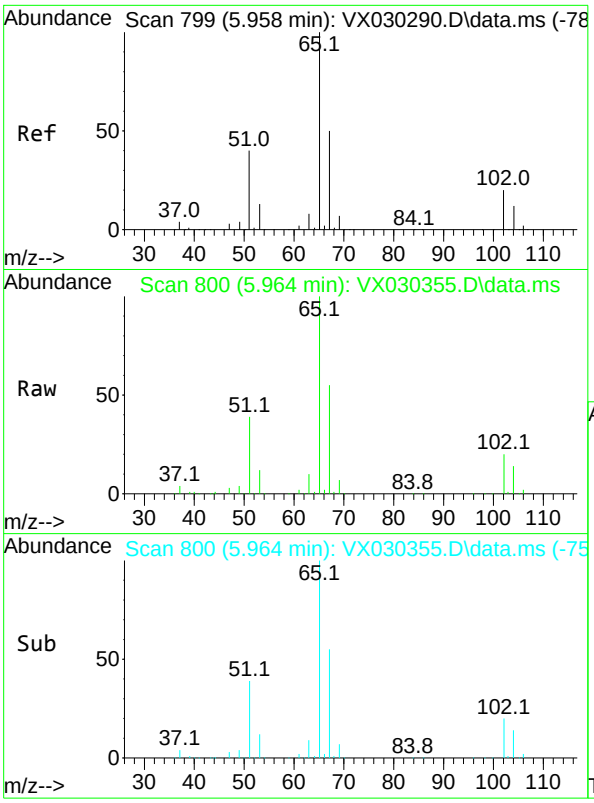


#31
Cyclohexane
Concen: 0.797 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.092 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 56 Resp: 3665

Ion	Ratio	Lower	Upper
56	100		
69	117.9	25.4	38.0#
84	130.7	68.9	103.3#



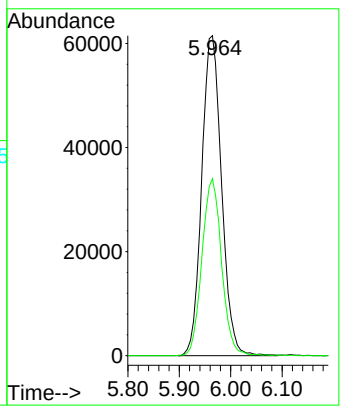


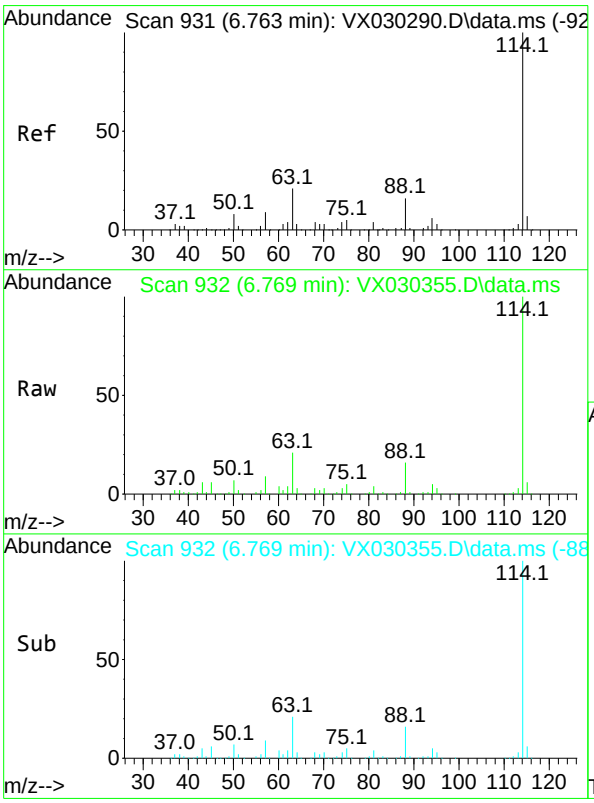
#33
1,2-Dichloroethane-d4
Concen: 52.073 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 65 Resp: 164854

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.6

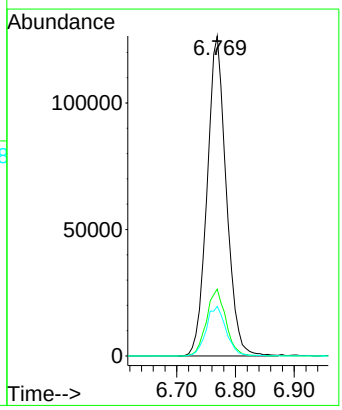


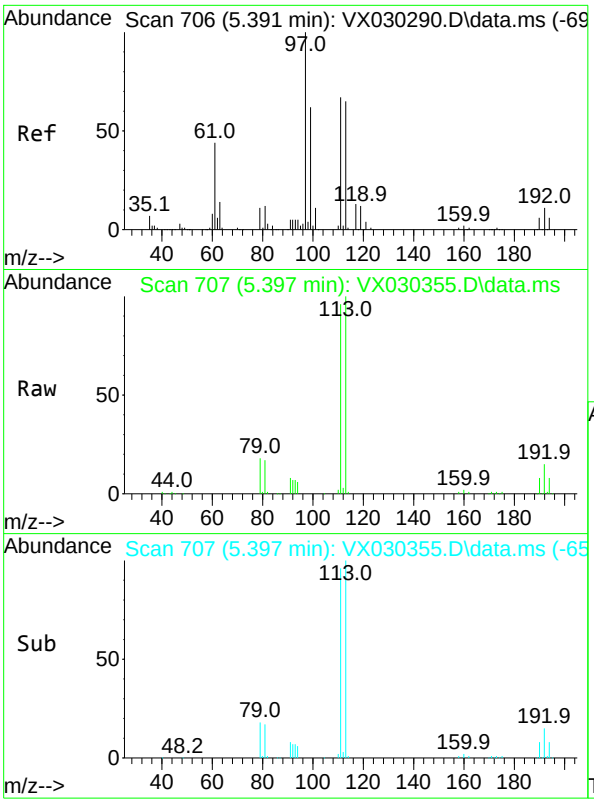


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion:114 Resp: 286681

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	38.4
88	15.5	0.0	31.8



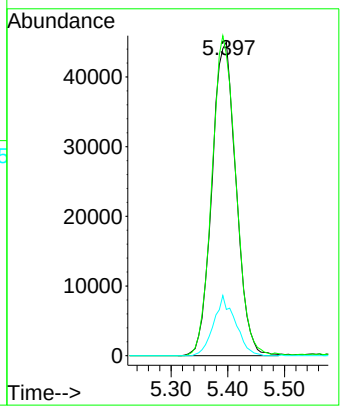


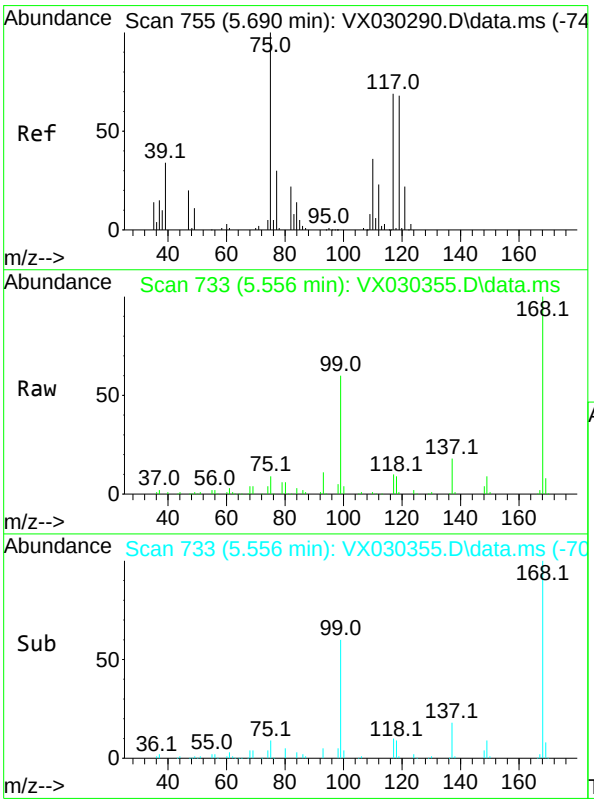
#35
Dibromofluoromethane
Concen: 48.543 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion:113 Resp: 133034

Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.2	124.8
192	17.2	14.8	22.2

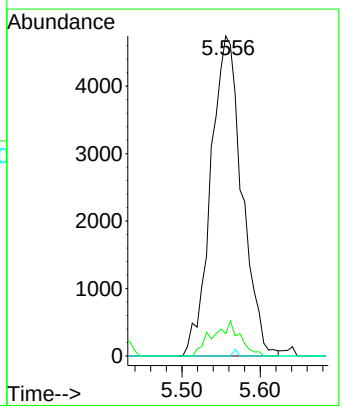


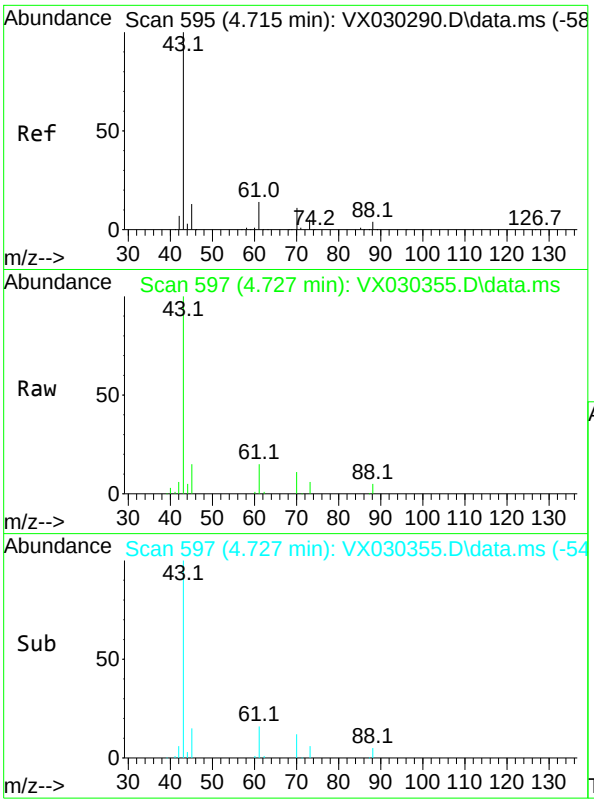


#36
1,1-Dichloropropene
Concen: 3.328 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 75 Resp: 13127

Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.3	57.9#
77	0.3	24.4	36.6#



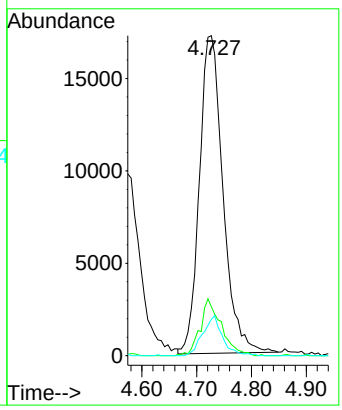


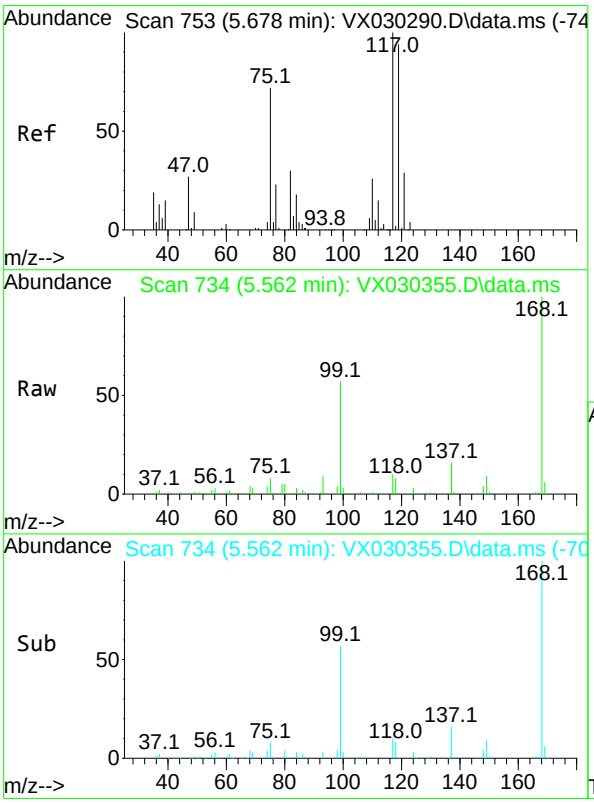
#37
Ethyl Acetate
Concen: 9.206 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.007 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 43 Resp: 51416

Ion	Ratio	Lower	Upper
43	100		
61	16.0	11.7	17.5
70	10.6	9.3	13.9

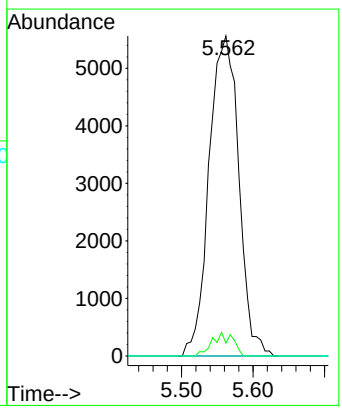


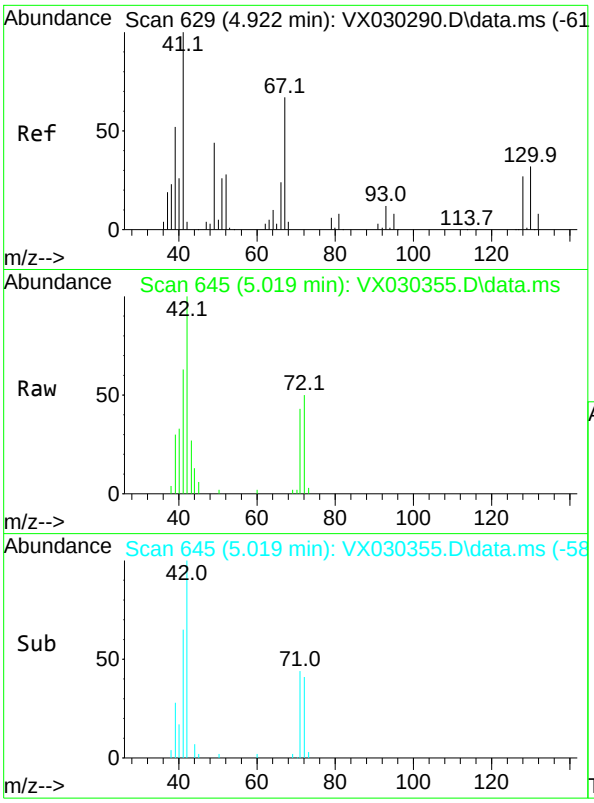


#38
Carbon Tetrachloride
Concen: 4.360 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.121 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion:117 Resp: 16052

Ion	Ratio	Lower	Upper
117	100		
119	4.0	74.1	111.1#
121	0.0	25.8	38.8#



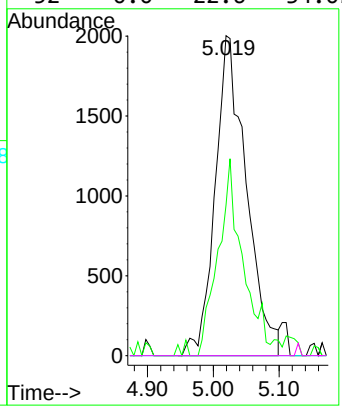


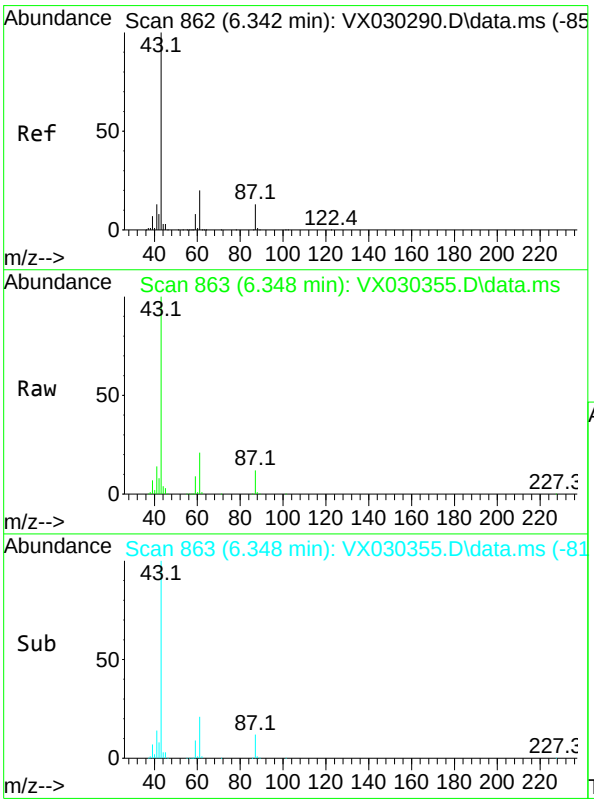
#41
Methacrylonitrile
Concen: 2.200 ug/l
RT: 5.019 min Scan# 64
Delta R.T. 0.091 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 41 Resp: 6586

Ion	Ratio	Lower	Upper
41	100		
39	49.0	42.9	64.3
67	0.0	60.1	90.1#
52	0.0	22.6	34.0#

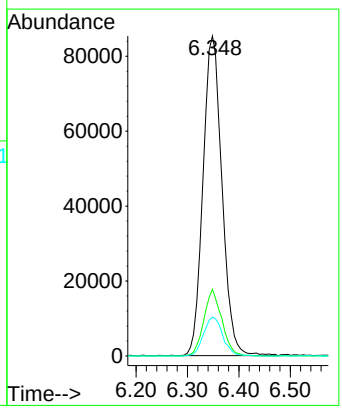


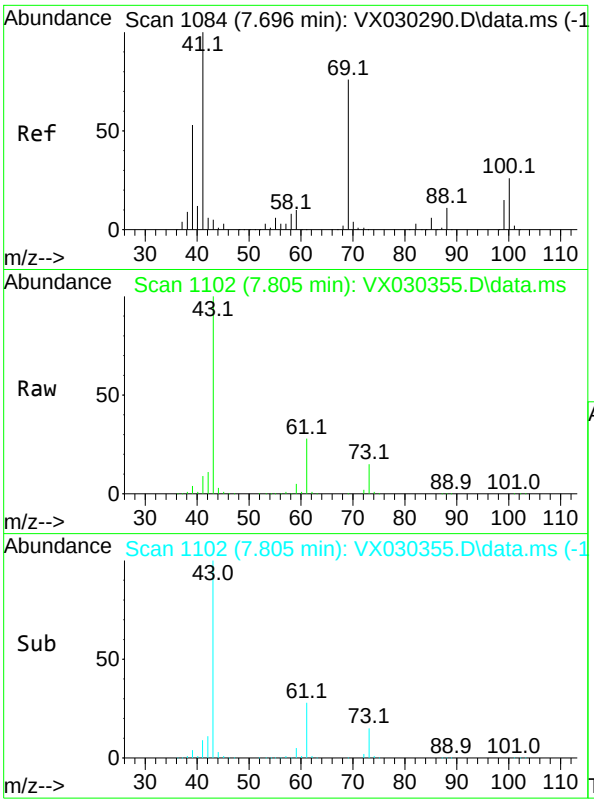


#43
Isopropyl Acetate
Concen: 26.700 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 43 Resp: 218601

Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.5	24.7
87	12.3	11.1	16.7



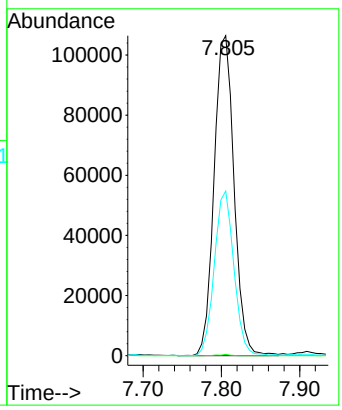


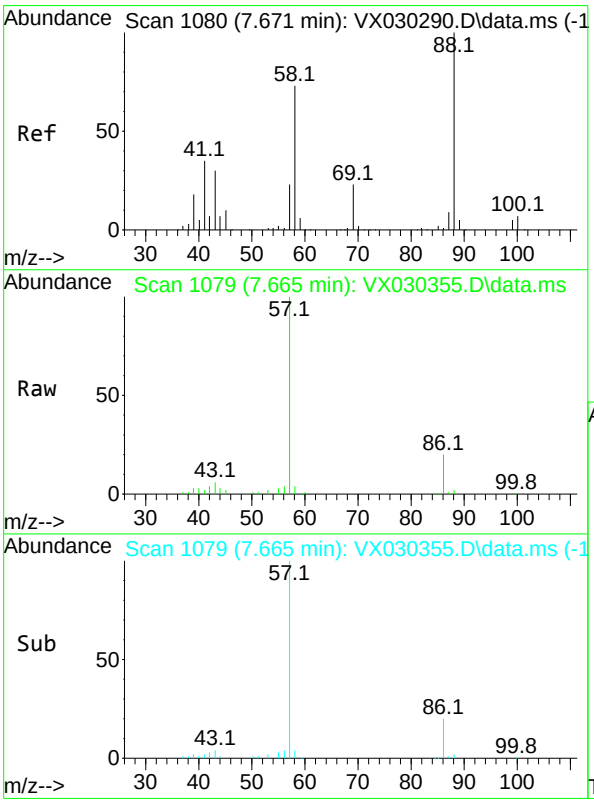
#48
Methyl methacrylate
Concen: 46.925 ug/l
RT: 7.805 min Scan# 11
Delta R.T. 0.110 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 41 Resp: 189103

Ion	Ratio	Lower	Upper
41	100		
69	0.2	68.8	103.2#
39	50.5	44.6	66.8

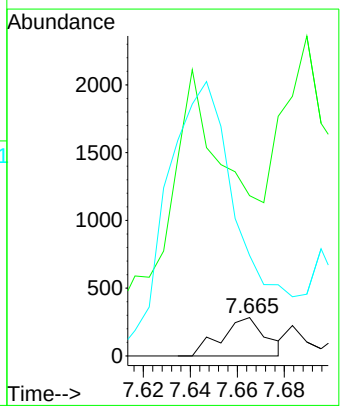


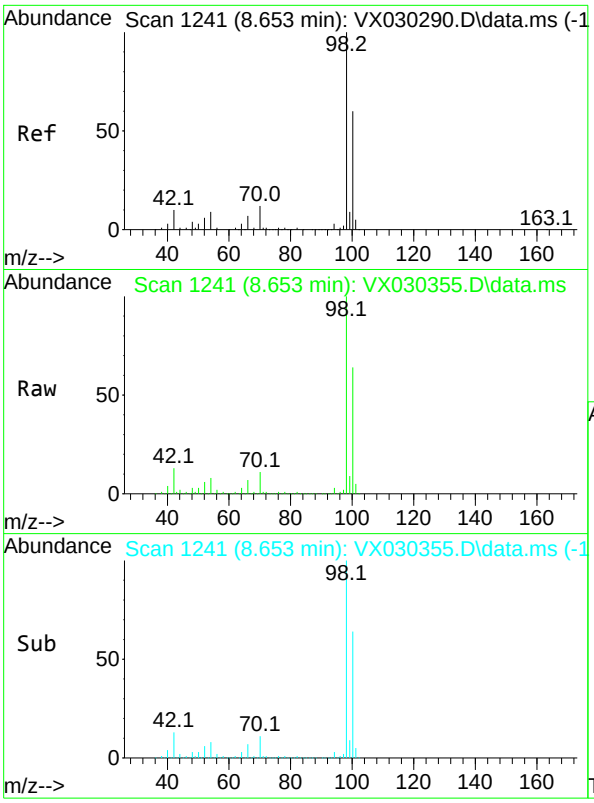


#49
1,4-Dioxane
Concen: 3.986 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 88 Resp: 371

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.8#
58	1208.4	53.8	80.6#



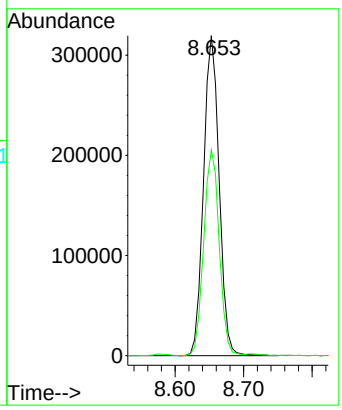


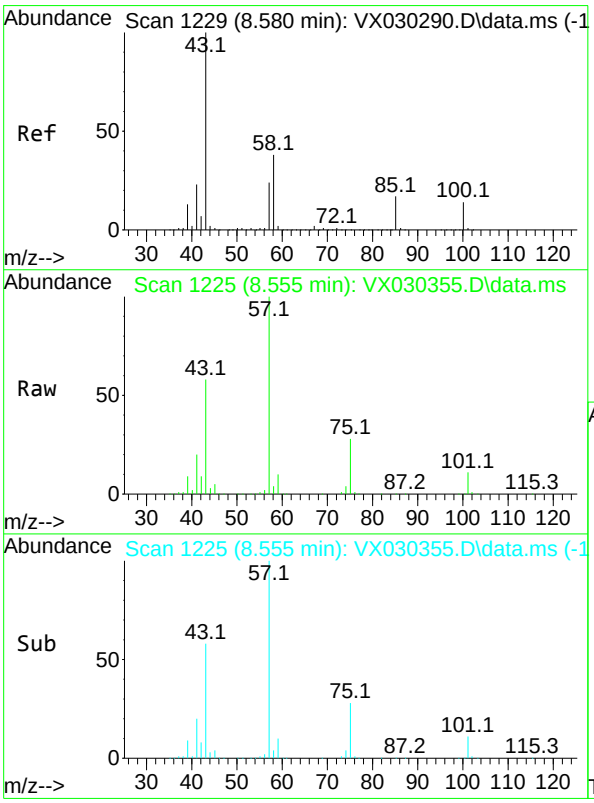
#50
Toluene-d8
Concen: 47.605 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 98 Resp: 505237

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.3	78.5

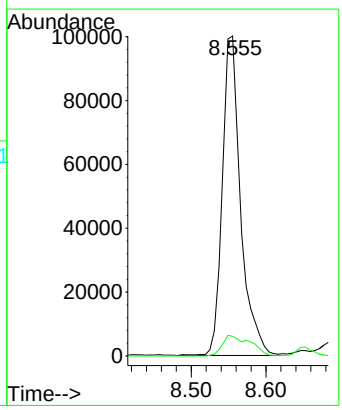


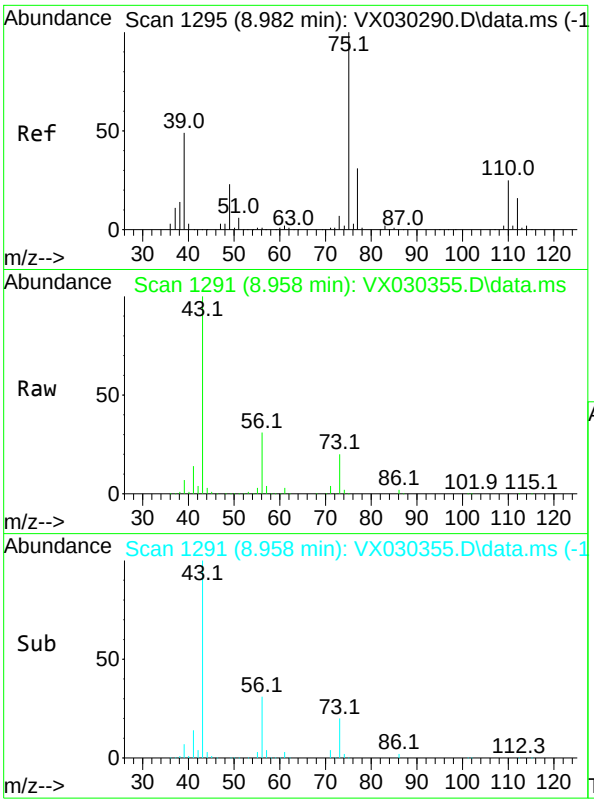


#51
4-Methyl-2-Pentanone
Concen: 30.732 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.024 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 43 Resp: 170817

Ion	Ratio	Lower	Upper
43	100		
58	9.9	31.4	47.2#



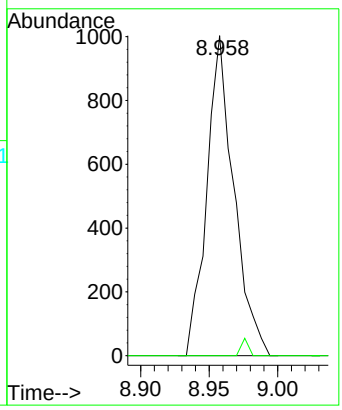


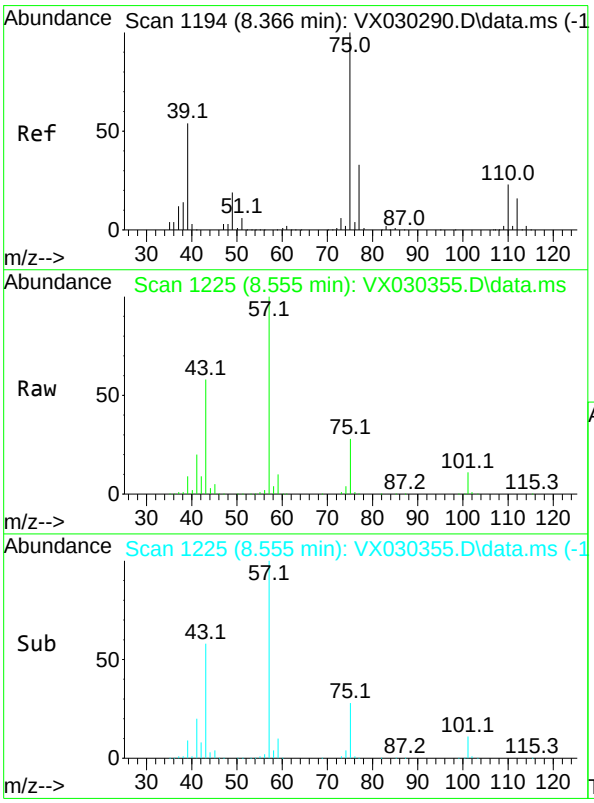
#53
t-1,3-Dichloropropene
Concen: 0.313 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 75 Resp: 1380

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.3	39.5#

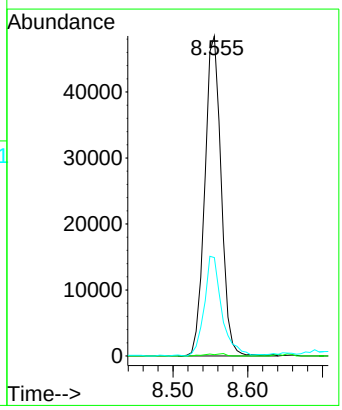


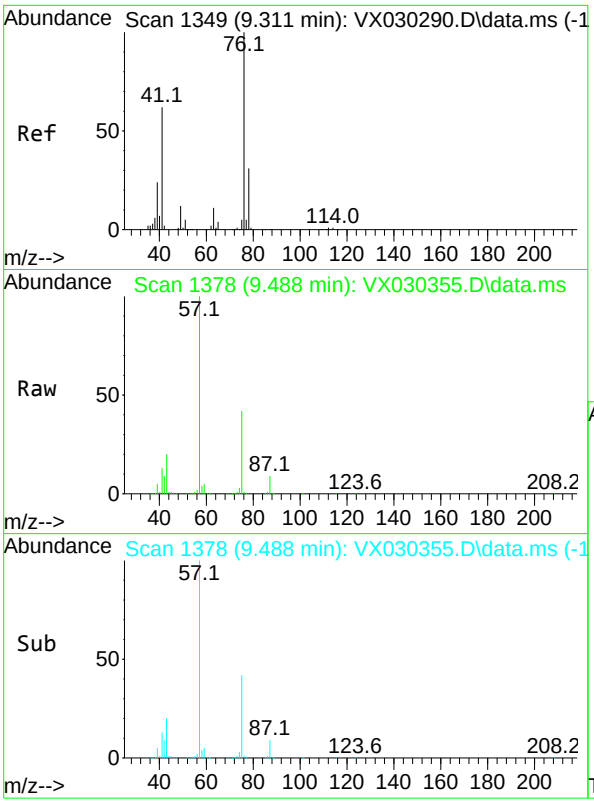


#54
cis-1,3-Dichloropropene
Concen: 15.347 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 75 Resp: 73763

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.0	37.4#
39	30.4	37.5	56.3#



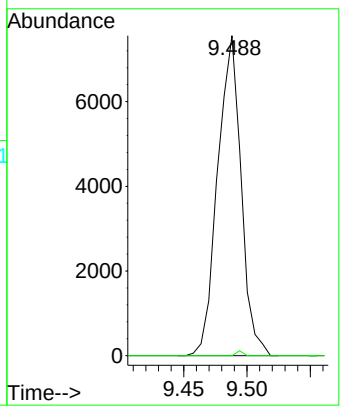


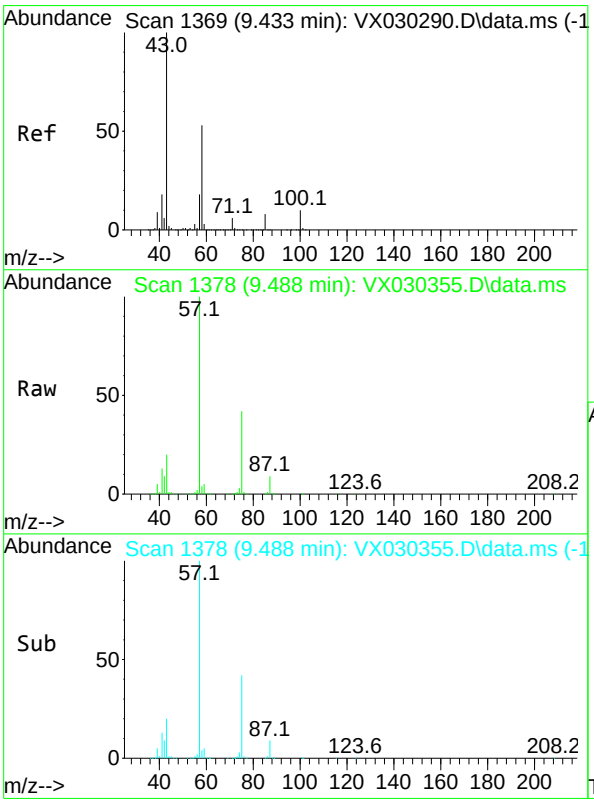
#57
1,3-Dichloropropane
Concen: 1.830 ug/l
RT: 9.488 min Scan# 1
Delta R.T. 0.177 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 76 Resp: 9735

Ion	Ratio	Lower	Upper
76	100		
78	0.4	25.9	38.9#

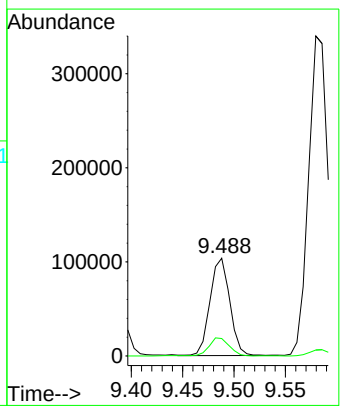


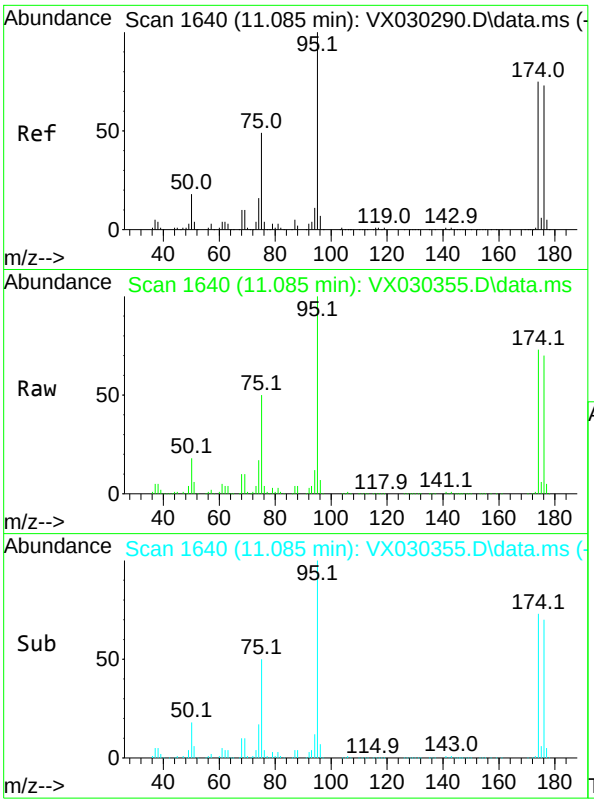


#59
2-Hexanone
Concen: 31.714 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 43 Resp: 139071

Ion	Ratio	Lower	Upper
43	100		
58	19.2	27.6	82.8#



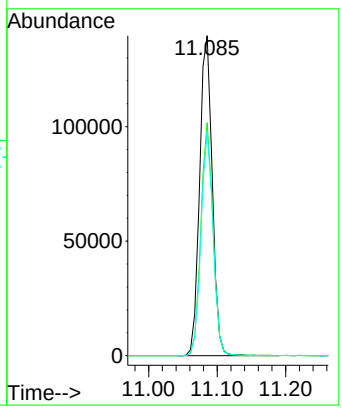


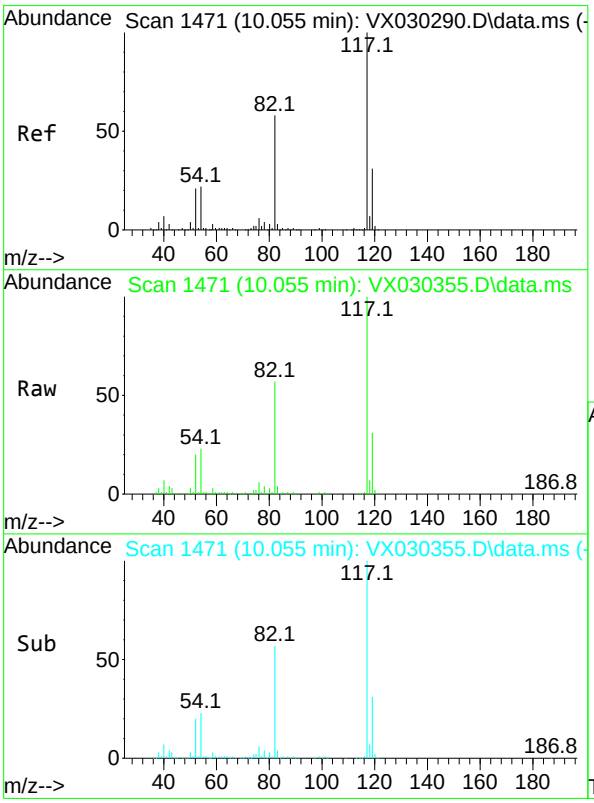
#62
4-Bromofluorobenzene
Concen: 45.562 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 95 Resp: 179458

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	149.0
176	67.1	0.0	146.0

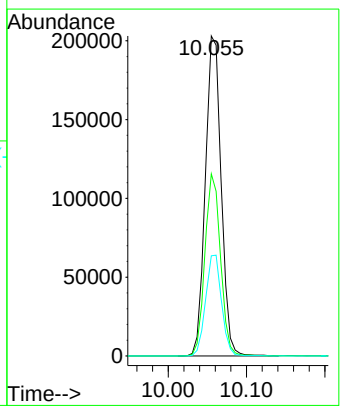


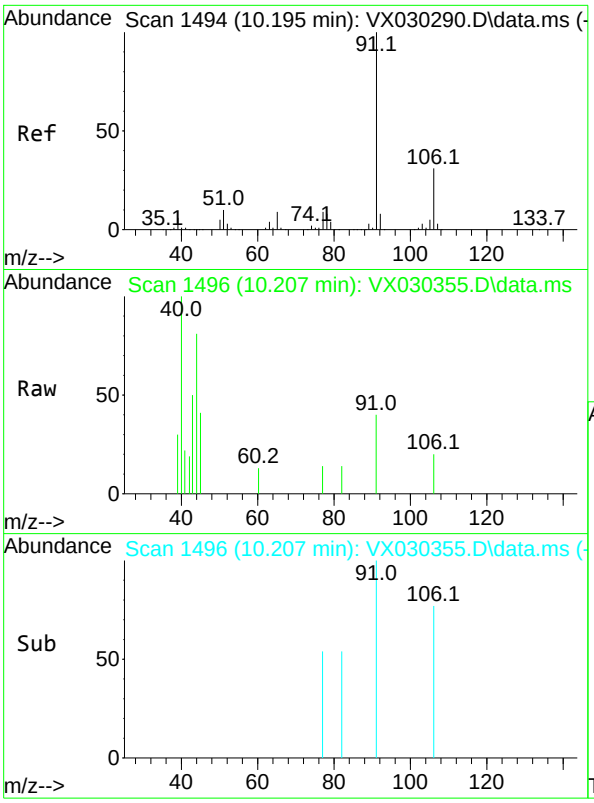


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion:117 Resp: 284776

Ion	Ratio	Lower	Upper
117	100		
82	56.9	42.7	64.1
119	31.3	25.4	38.2



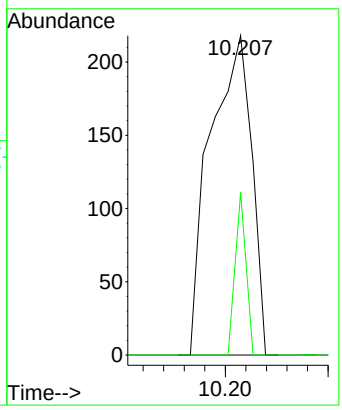


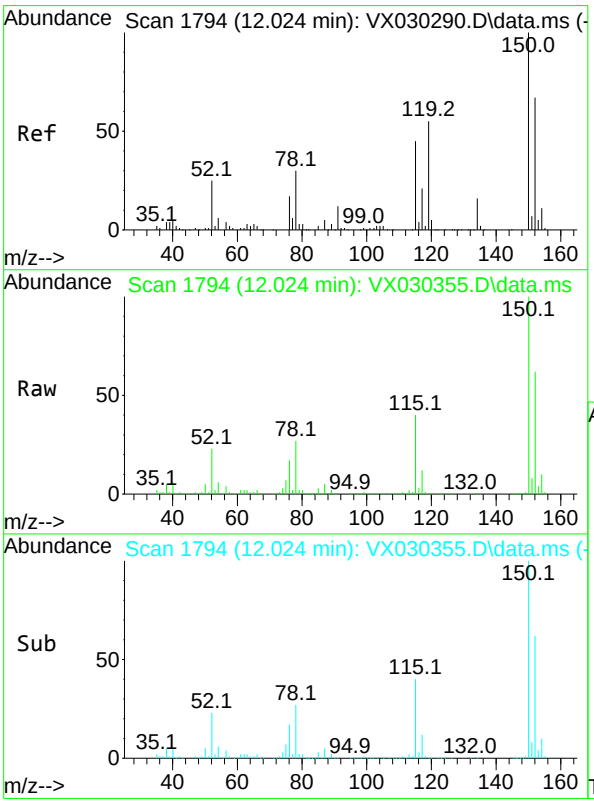
#67
Ethyl Benzene
Concen: Below Cal
RT: 10.207 min Scan# 14
Delta R.T. 0.012 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 91 Resp: 304

Ion	Ratio	Lower	Upper
91	100		
106	50.9	25.5	38.3#

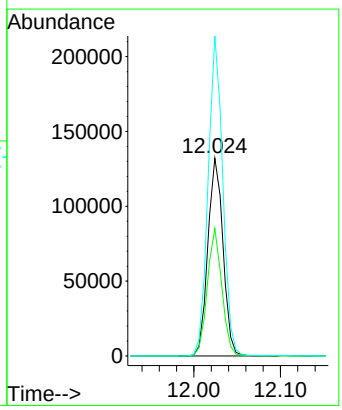


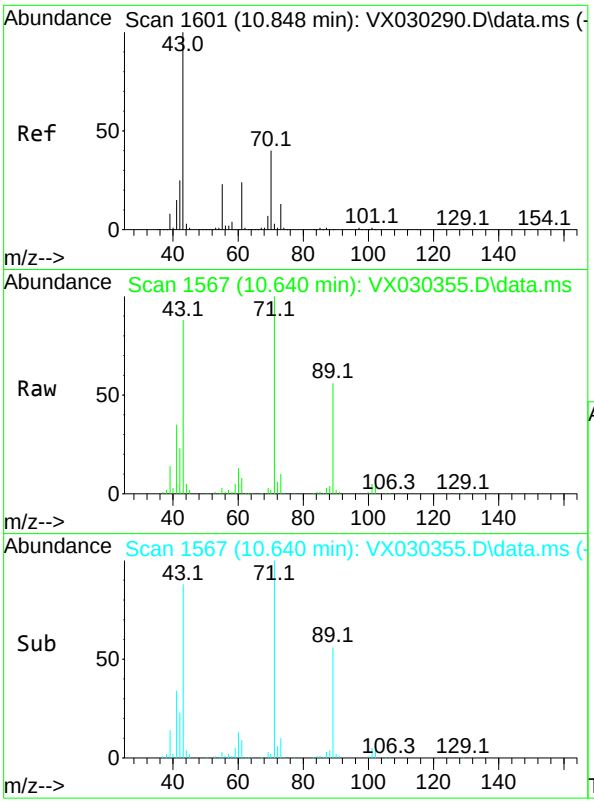


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion:152 Resp: 160939

Ion	Ratio	Lower	Upper
152	100		
115	61.7	40.5	121.5
150	156.1	0.0	347.0



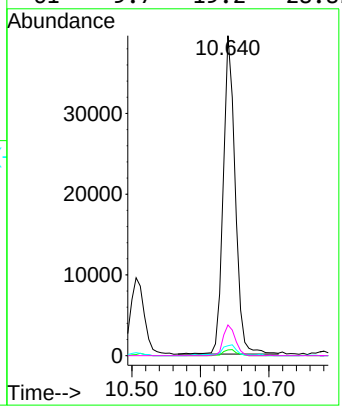


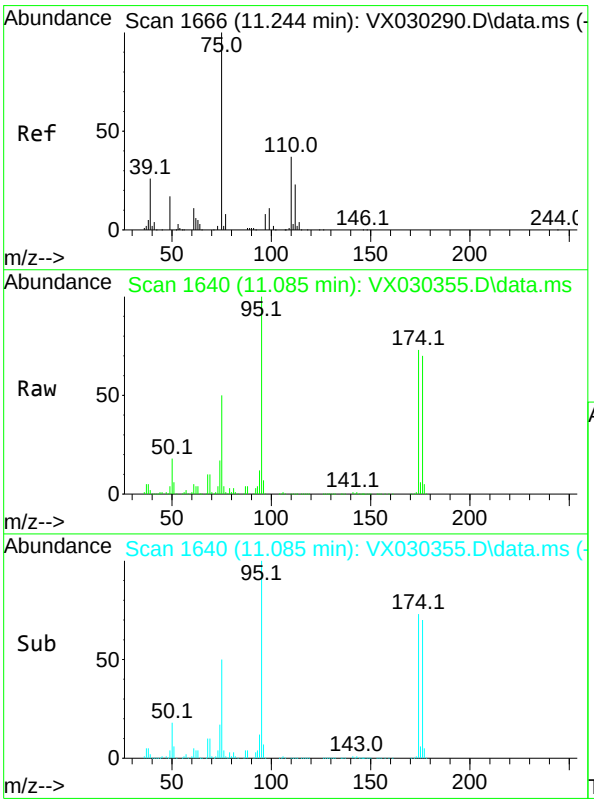
#74
N-amyl acetate
Concen: 7.784 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.207 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 43 Resp: 47532

Ion	Ratio	Lower	Upper
43	100		
70	2.1	32.3	48.5#
55	4.6	18.4	27.6#
61	9.7	19.2	28.8#

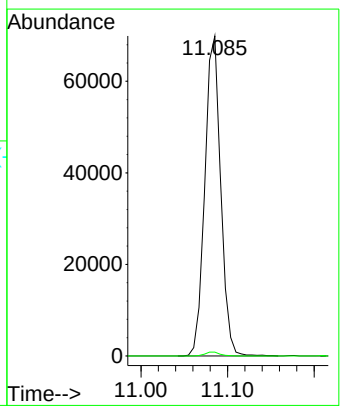


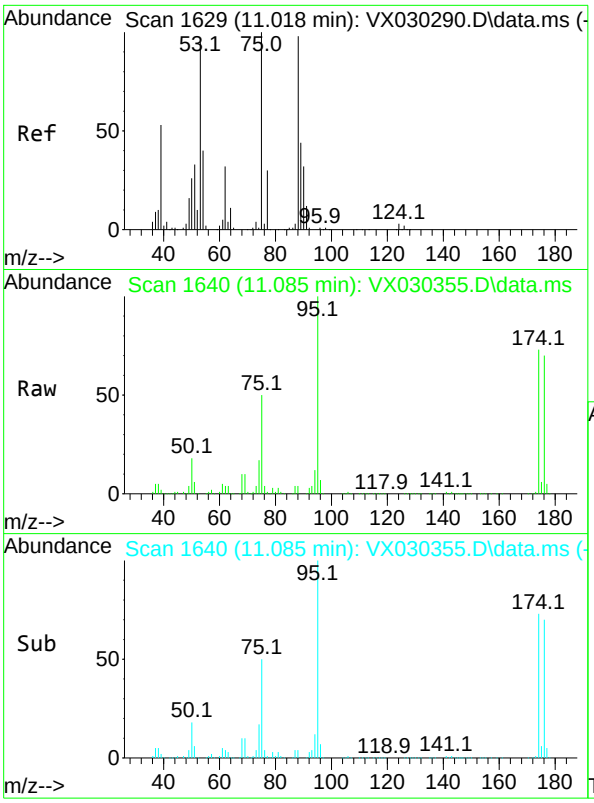


#76
1,2,3-Trichloropropane
Concen: 20.954 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Tgt Ion: 75 Resp: 88893

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.8	59.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.861 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX030355.D
Acq: 02 Aug 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PB146634ZHE#02

Tgt Ion: 75 Resp: 88893

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