Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
Data File : VX031679.D
Acq On : 27 Sep 2022 03:54
Operator : JC/MD
Sample : N4764-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 27 04:42:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	51074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	86805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62805	57.938	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.880%			
35) Dibromofluoromethane	5.391	113	50464	48.791	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.580%			
50) Toluene-d8	8.647	98	192429	51.318	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	11.079	95	66820	48.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.240%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	180	Below Cal	#	41
5) Bromomethane	1.617	94	522	Below Cal		86
6) Chloroethane	1.684	64	161	Below Cal	#	43
7) Trichlorofluoromethane	1.886	101	53	Below Cal	#	18
10) Methyl Iodide	2.459	142	196	0.295 ug/l	#	85
11) Tert butyl alcohol	2.995	59	199	Below Cal	#	73
13) Acrolein	2.178	56	20	Below Cal	#	1
16) Acetone	2.392	43	6603	7.897 ug/l		99
17) Carbon Disulfide	2.507	76	197	Below Cal	#	75
18) Methyl Acetate	2.709	43	820	0.842 ug/l		95
20) Methylene Chloride	2.788	84	5618	6.731 ug/l		90
25) 2-Butanone	4.574	43	2068	3.997 ug/l	#	84
29) Tetrahydrofuran	5.038	42	342	1.052 ug/l	#	63
31) Cyclohexane	5.550	56	1138	1.104 ug/l	#	47
36) 1,1-Dichloropropene	5.550	75	4446	3.743 ug/l	#	44
37) Ethyl Acetate	4.727	43	11137	9.296 ug/l		99
38) Carbon Tetrachloride	5.550	117	5000	3.735 ug/l	#	16
41) Methacrylonitrile	5.031	41	236	0.387 ug/l	#	45
43) Isopropyl Acetate	6.342	43	46722	24.777 ug/l		97
44) Trichloroethene	7.141	130	223	0.216 ug/l		38
48) Methyl methacrylate	7.799	41	47796	57.634 ug/l	#	46
49) 1,4-Dioxane	7.793	88	25	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.549	43	43255	36.240 ug/l	#	50
52) Toluene	8.720	92	694	0.285 ug/l		95
53) t-1,3-Dichloropropene	8.964	75	408	2.150 ug/l	#	44
54) cis-1,3-Dichloropropene	8.549	75	20926	15.693 ug/l	#	64
57) 1,3-Dichloropropane	9.482	76	2885	1.740 ug/l	#	43
59) 2-Hexanone	9.482	43	34110	38.302 ug/l	#	53
74) N-amyl acetate	10.768	43	397	0.307 ug/l	#	43
76) 1,2,3-Trichloropropane	11.079	75	37878	33.868 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37878	111.238 ug/l	#	11

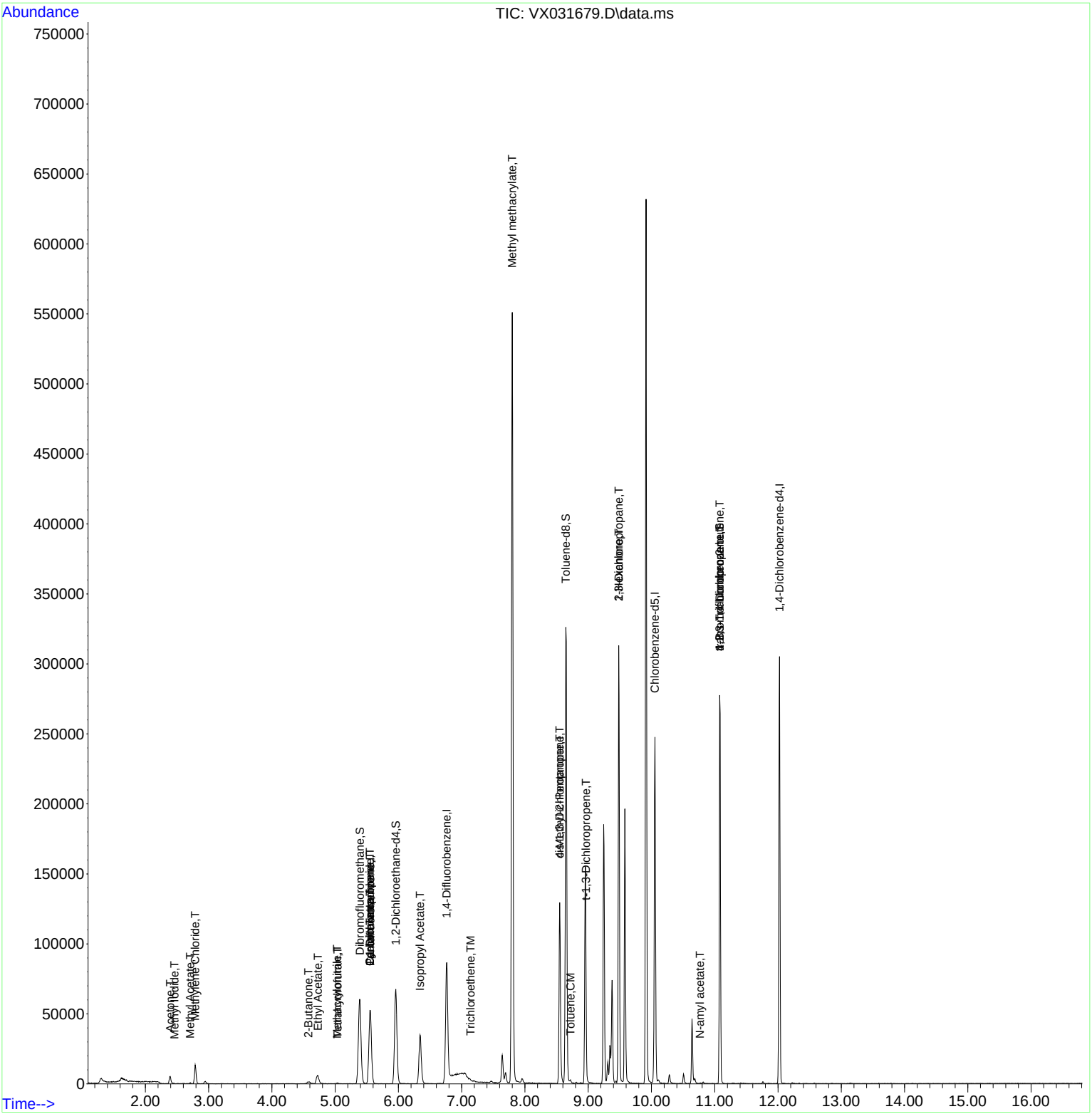
(#) = qualifier out of range (m) = manual integration (+) = signals summed

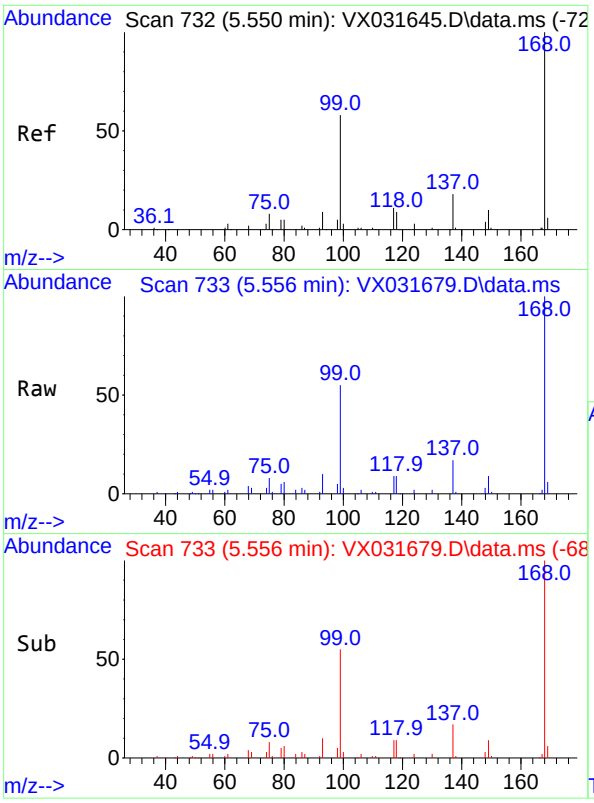
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
Data File : VX031679.D
Acq On : 27 Sep 2022 03:54
Operator : JC/MD
Sample : N4764-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 27 04:42:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration



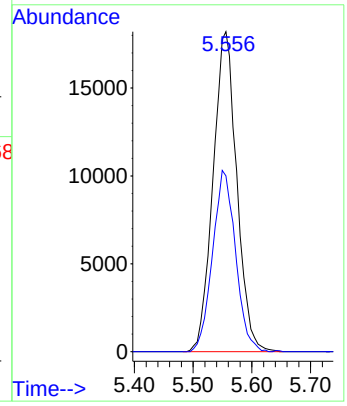


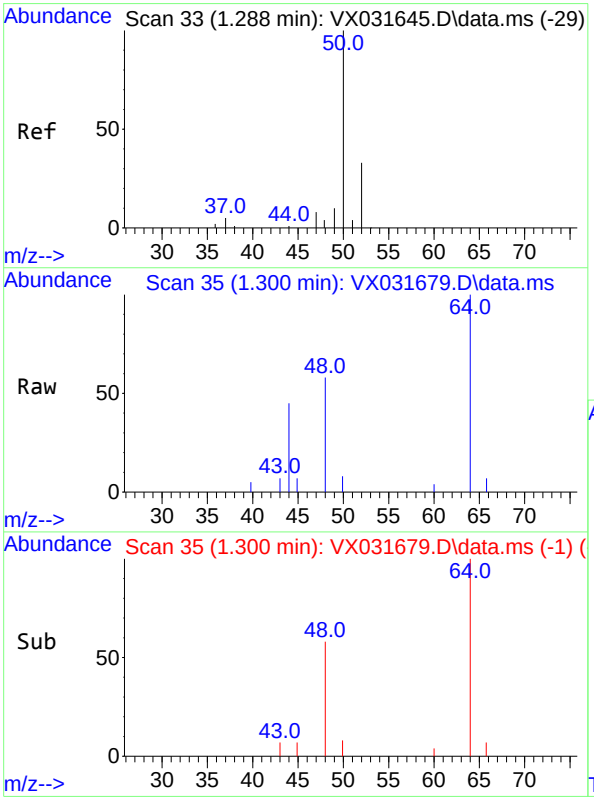
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 51074

Ion	Ratio	Lower	Upper
168	100		
99	54.9	48.8	73.2

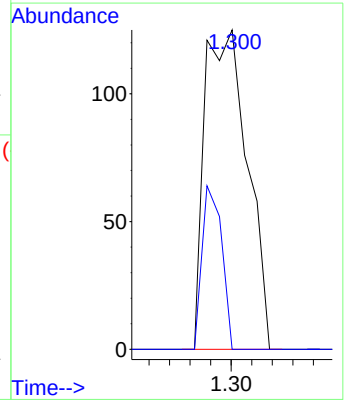


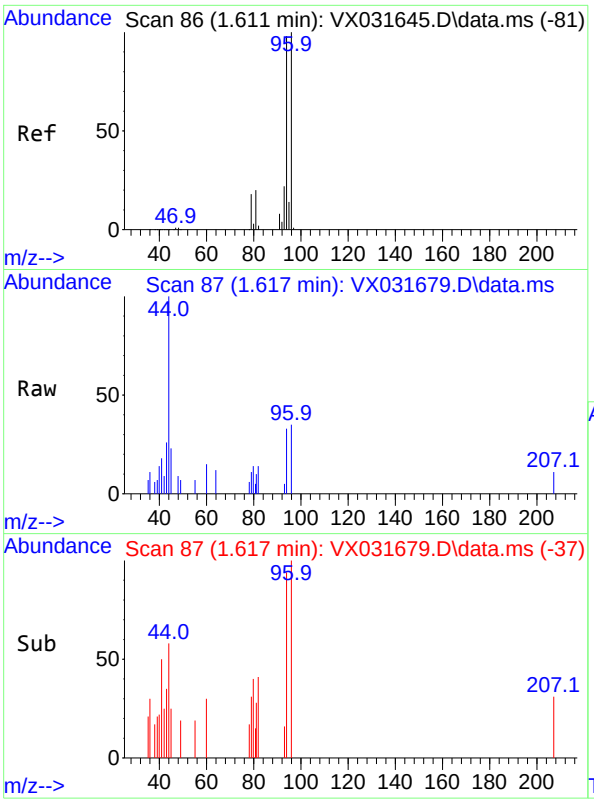


#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. 0.012 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 50 Resp: 180

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.9	40.3#



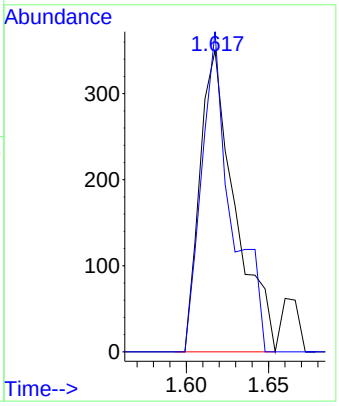


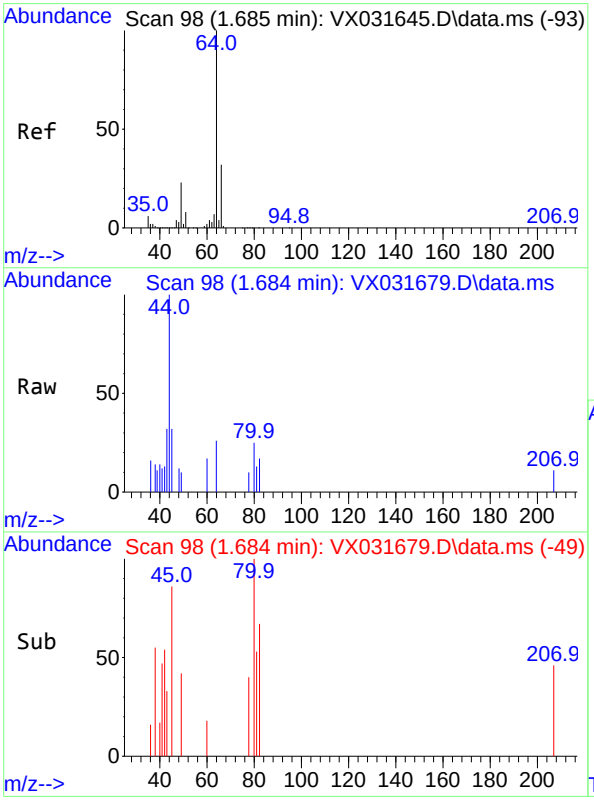
#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 522

Ion	Ratio	Lower	Upper
94	100		
96	106.3	74.4	111.6

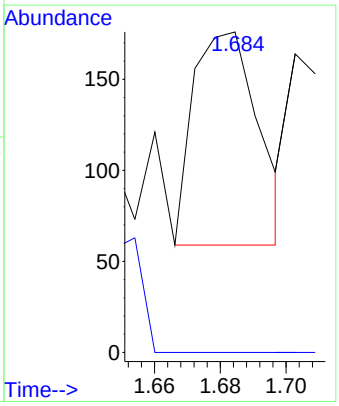


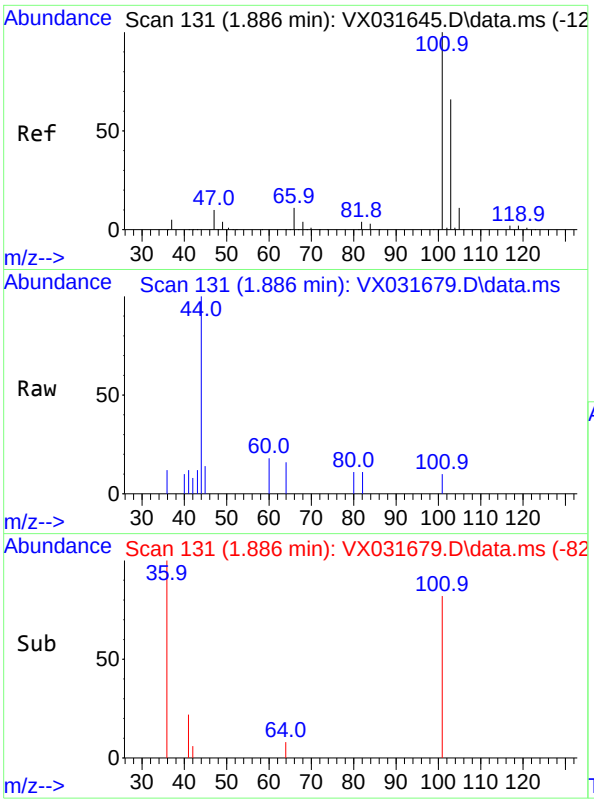


#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 64 Resp: 161

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.4#



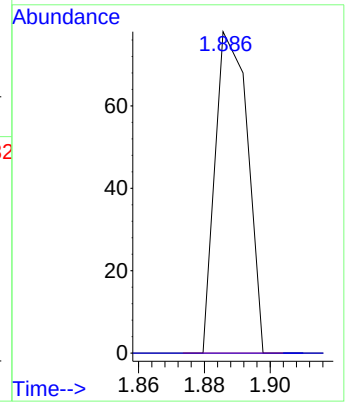


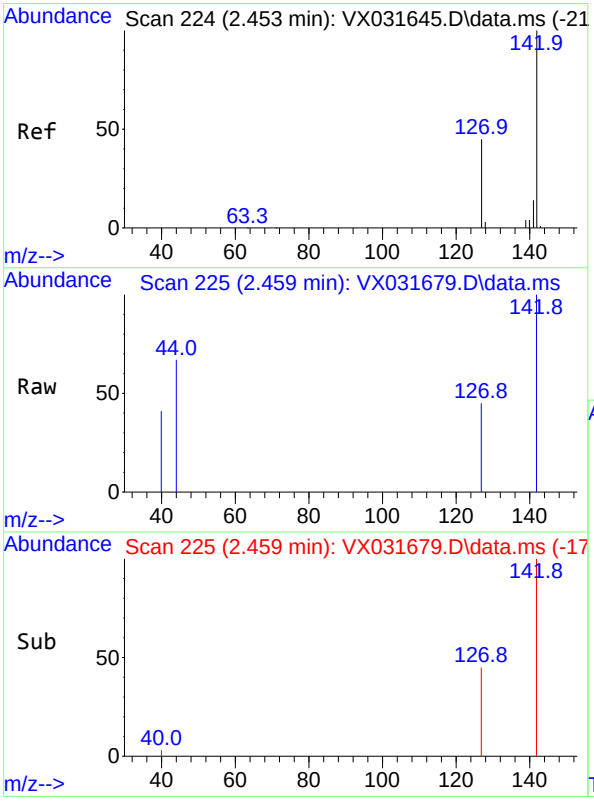
#7
Trichlorofluoromethane
Concen: Below Cal
RT: 1.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 53

Ion	Ratio	Lower	Upper
101	100		
103	0.0	51.8	77.6#

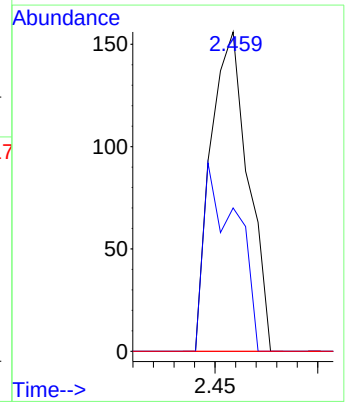


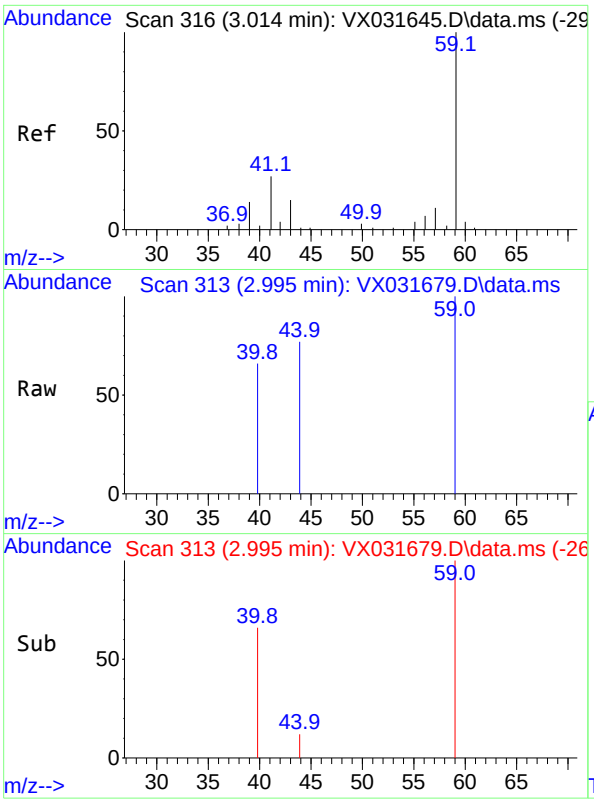


#10
Methyl Iodide
Concen: 0.295 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion:142 Resp: 196

Ion	Ratio	Lower	Upper
142	100		
127	52.6	37.4	56.0
141	0.0	11.6	17.4#



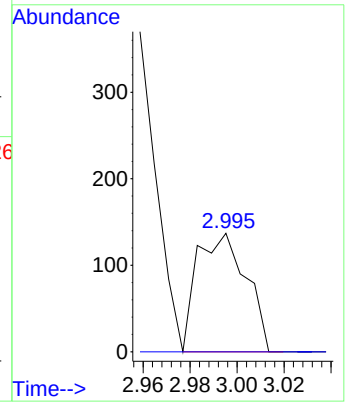


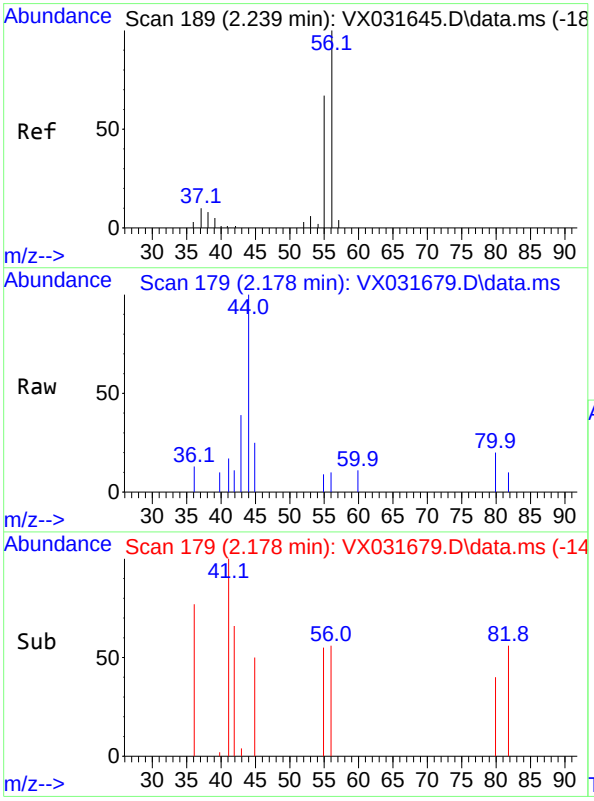
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 199

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

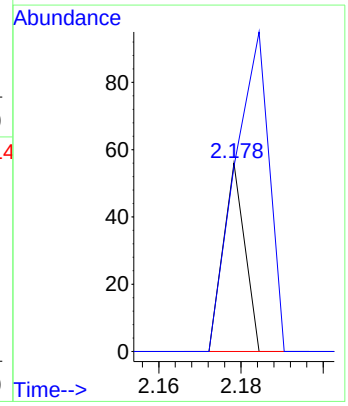


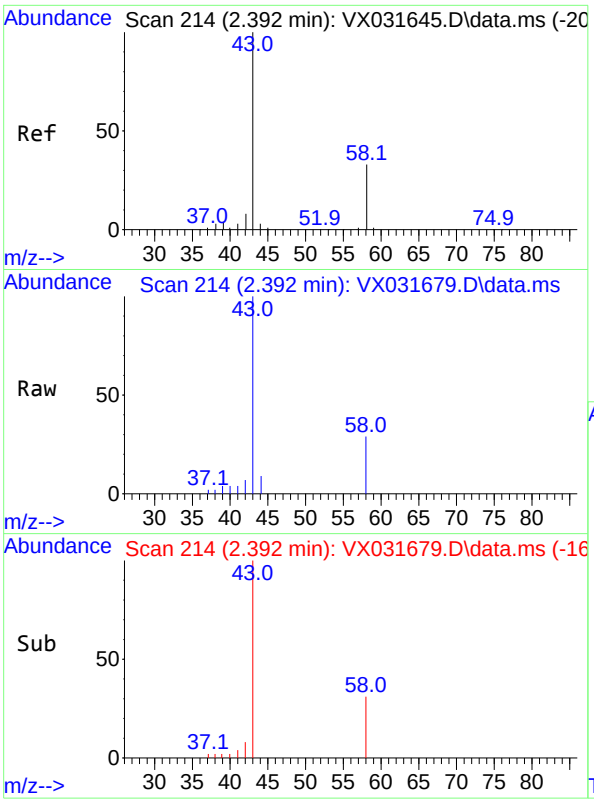


#13
Acrolein
Concen: Below Cal
RT: 2.178 min Scan# 179
Delta R.T. -0.061 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 56 Resp: 20

Ion	Ratio	Lower	Upper
56	100		
55	275.0	56.0	84.0#



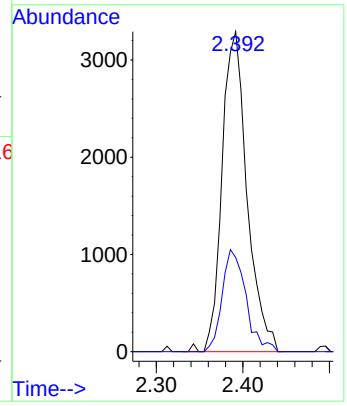


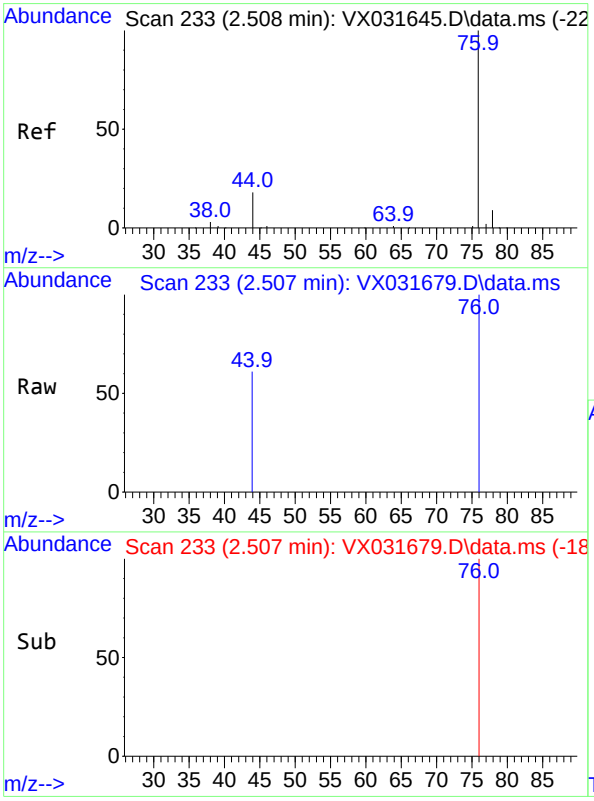
#16
Acetone
Concen: 7.897 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 6603

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.8	35.8

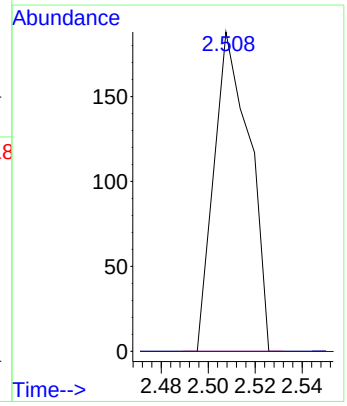


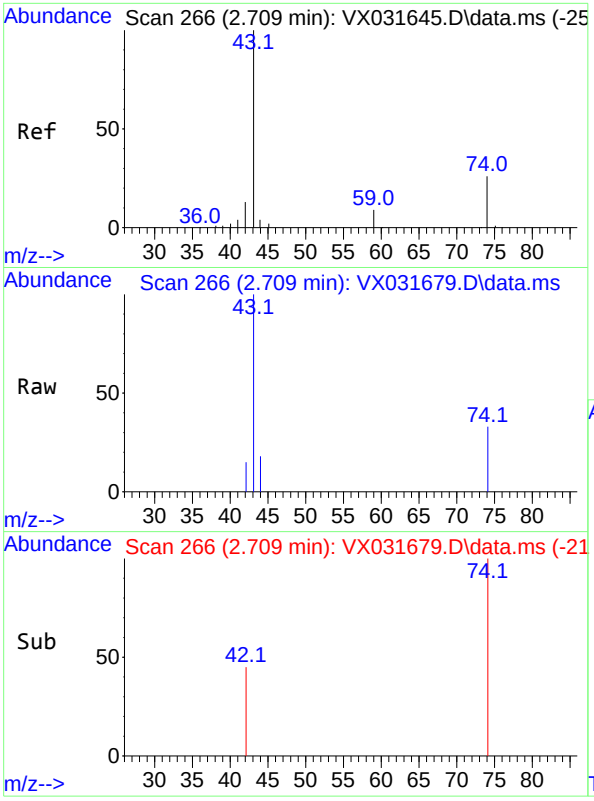


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 76 Resp: 197

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



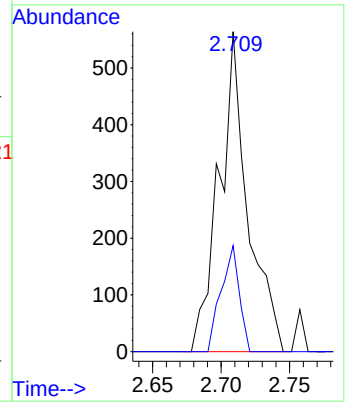


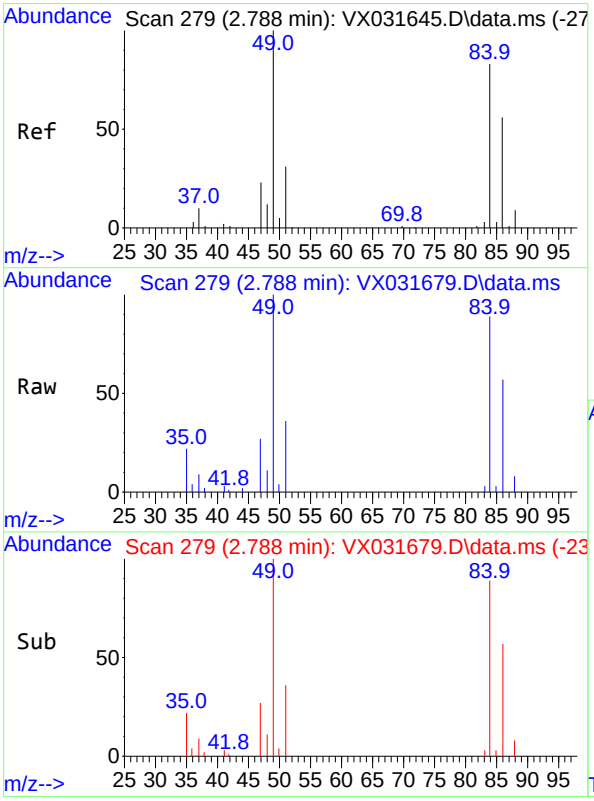
#18
Methyl Acetate
Concen: 0.842 ug/l
RT: 2.709 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 820

Ion	Ratio	Lower	Upper
43	100		
74	21.0	18.6	27.8

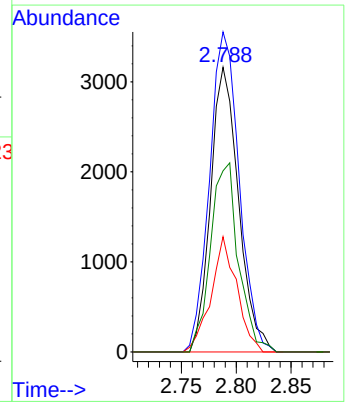


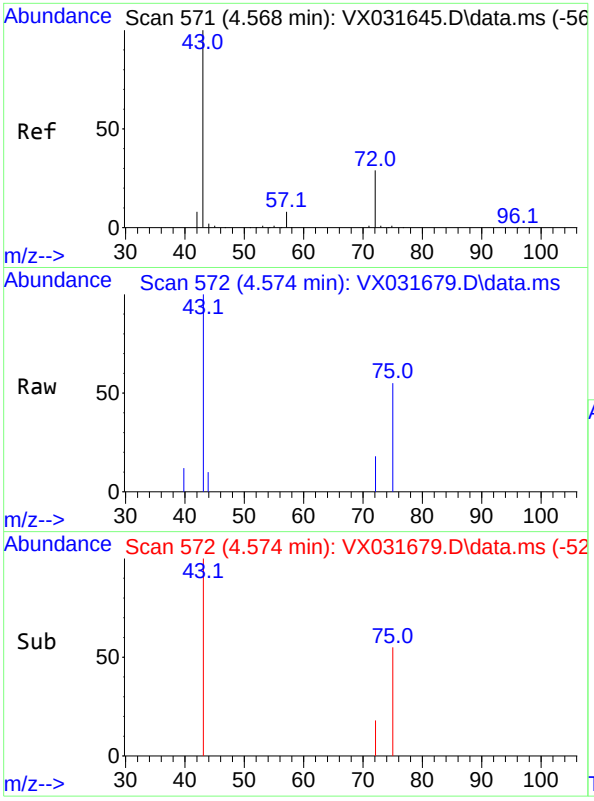


#20
Methylene Chloride
Concen: 6.731 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 84 Resp: 5618

Ion	Ratio	Lower	Upper
84	100		
49	112.4	105.9	158.9
51	40.5	32.2	48.2
86	63.6	50.8	76.2



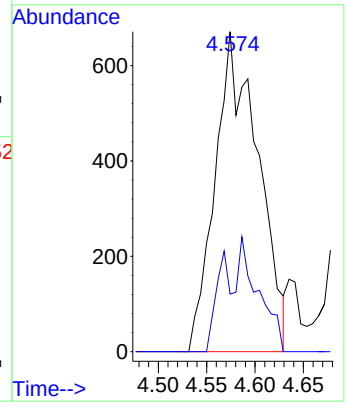


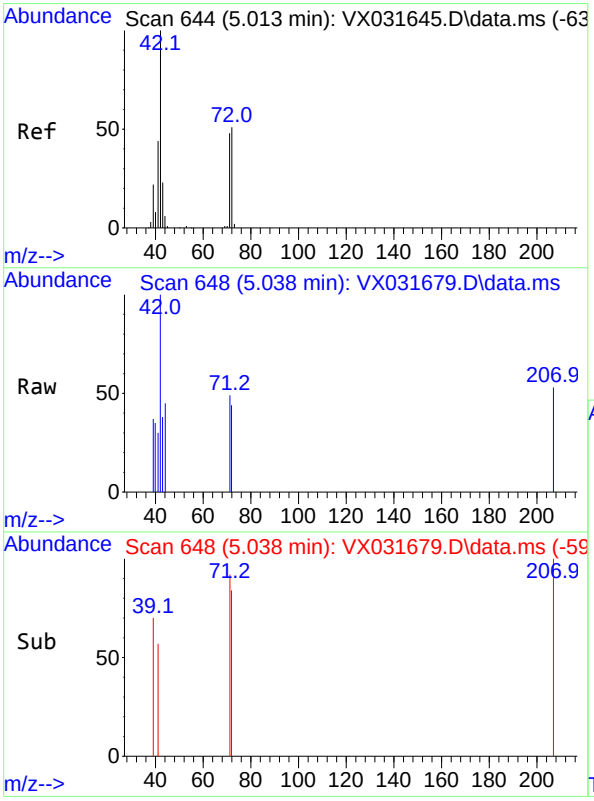
#25
2-Butanone
Concen: 3.997 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2068

Ion	Ratio	Lower	Upper
43	100		
72	18.0	21.1	31.7#

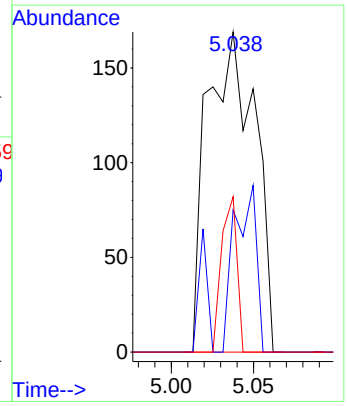


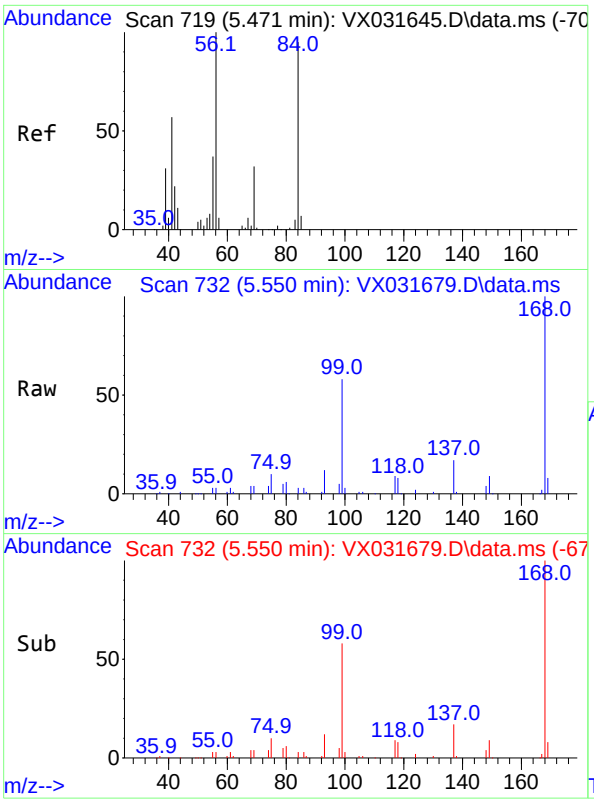


#29
Tetrahydrofuran
Concen: 1.052 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 42 Resp: 342

Ion	Ratio	Lower	Upper
42	100		
72	24.0	36.4	54.6#
71	15.5	33.5	50.3#



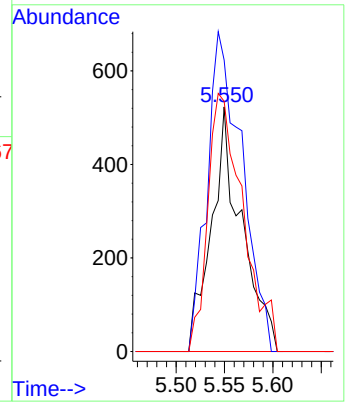


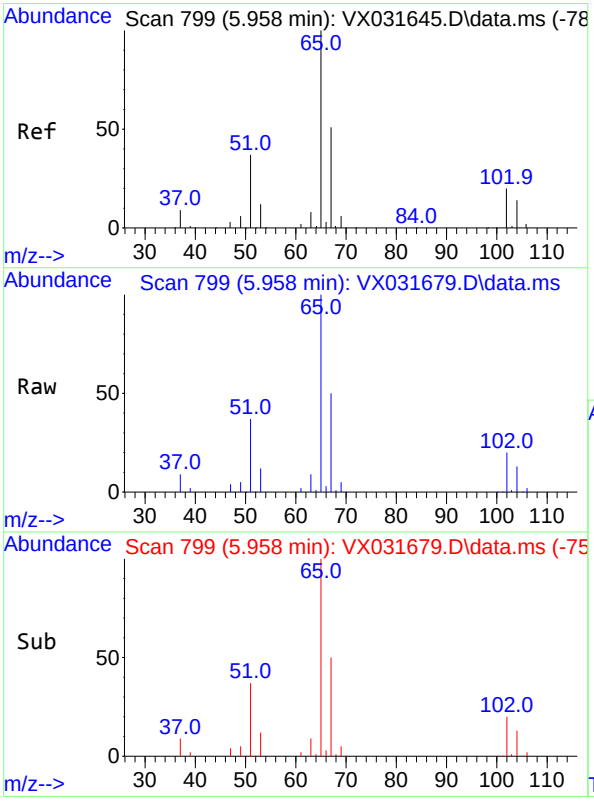
#31
Cyclohexane
Concen: 1.104 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.079 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 1138

Ion	Ratio	Lower	Upper
56	100		
69	119.1	25.1	37.7#
84	102.3	70.2	105.4

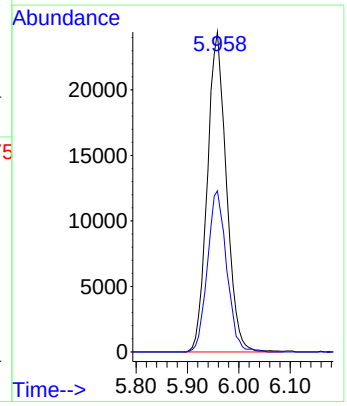


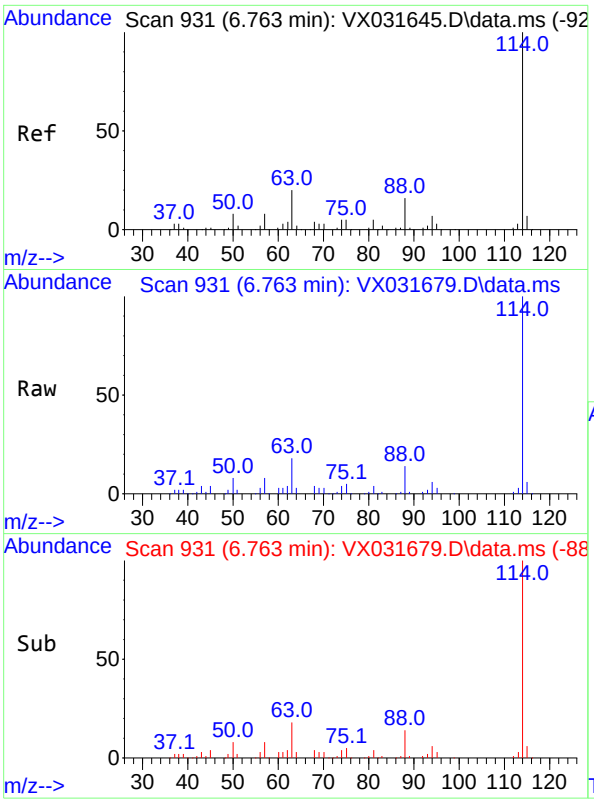


#33
1,2-Dichloroethane-d4
Concen: 57.938 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 65 Resp: 62805

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.4



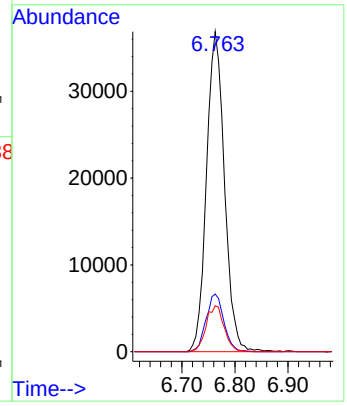


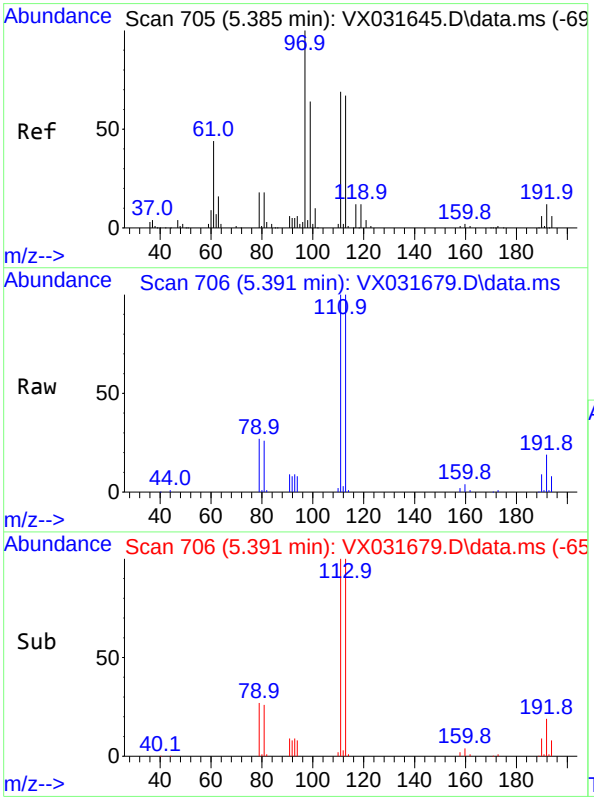
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 86805

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	42.6
88	14.4	0.0	33.0

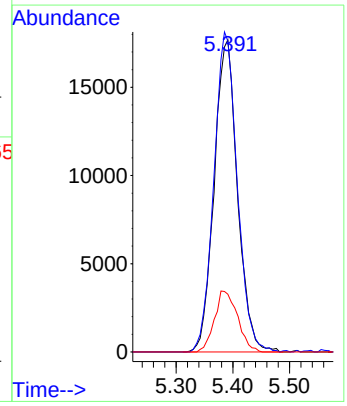


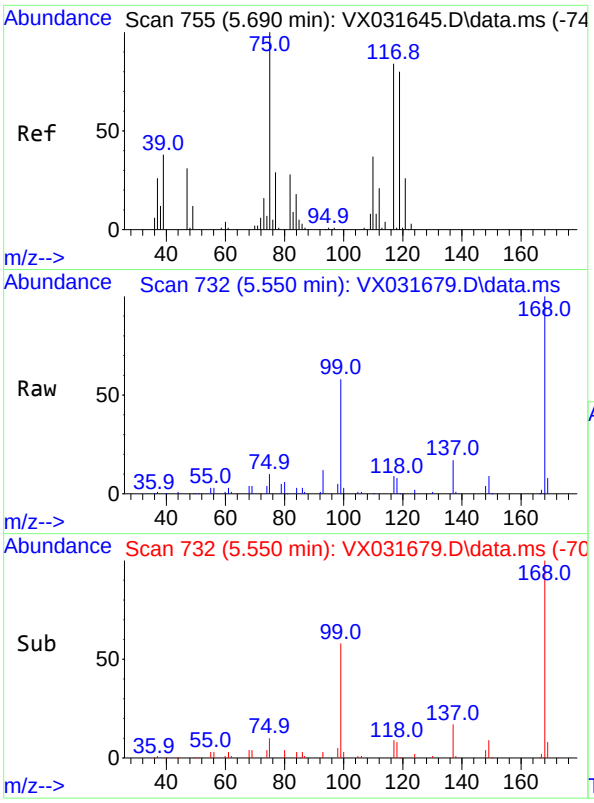


#35
Dibromofluoromethane
Concen: 48.791 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion:113 Resp: 50464

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	19.3	14.1	21.1



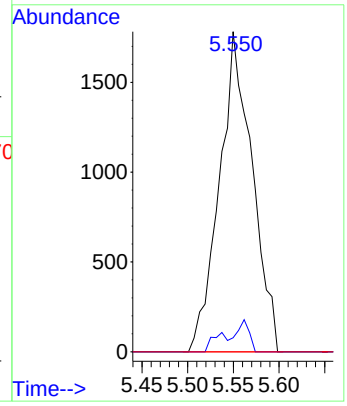


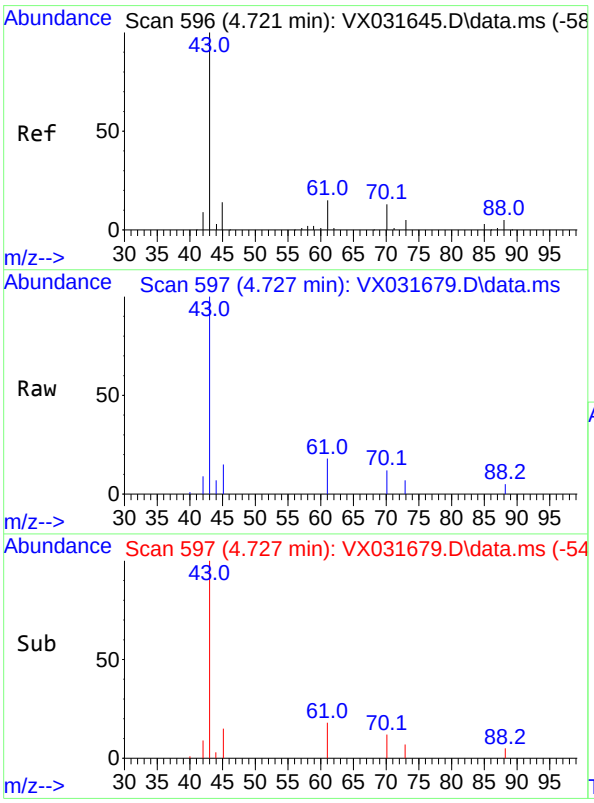
#36
1,1-Dichloropropene
Concen: 3.743 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 4446

Ion	Ratio	Lower	Upper
75	100		
110	2.7	17.5	52.5#
77	0.0	24.9	37.3#

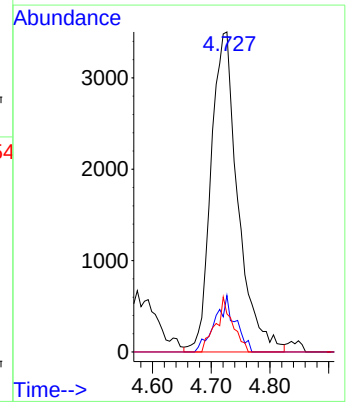


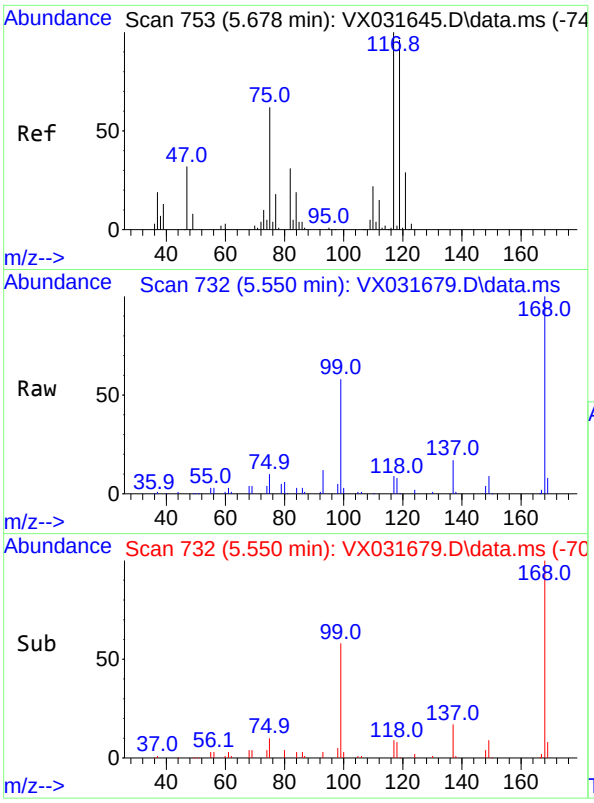


#37
Ethyl Acetate
Concen: 9.296 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 43 Resp: 11137

Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.1	16.7
70	10.7	8.6	13.0



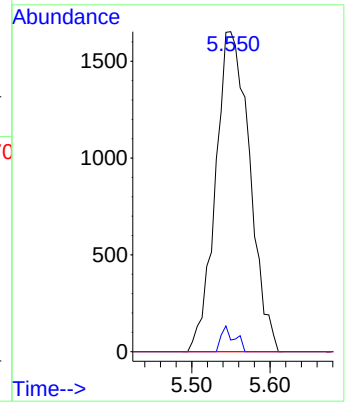


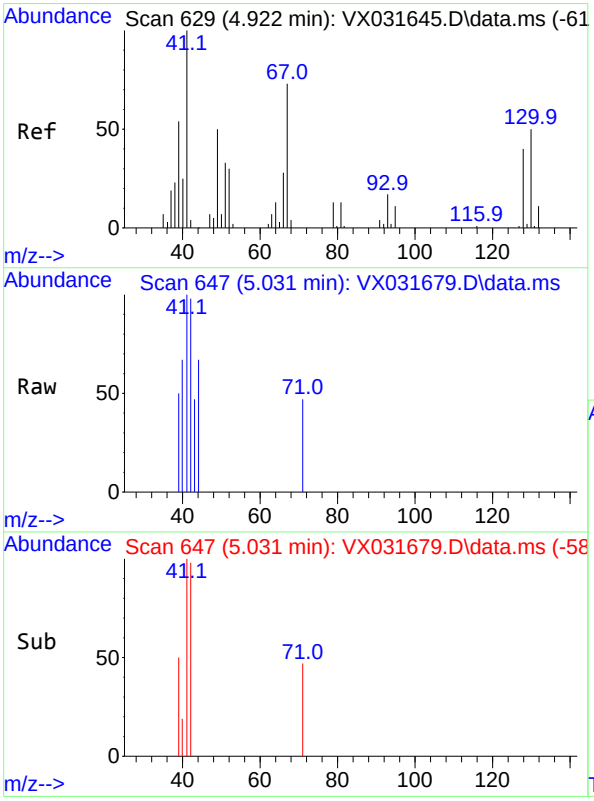
#38
Carbon Tetrachloride
Concen: 3.735 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.128 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 5000

Ion	Ratio	Lower	Upper
117	100		
119	3.6	74.6	112.0#
121	0.0	25.3	37.9#

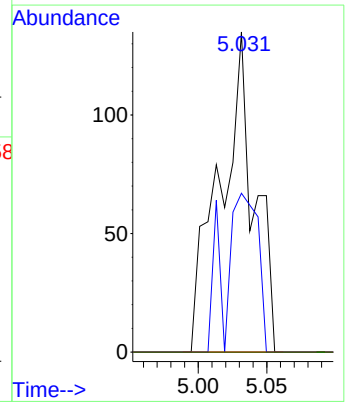


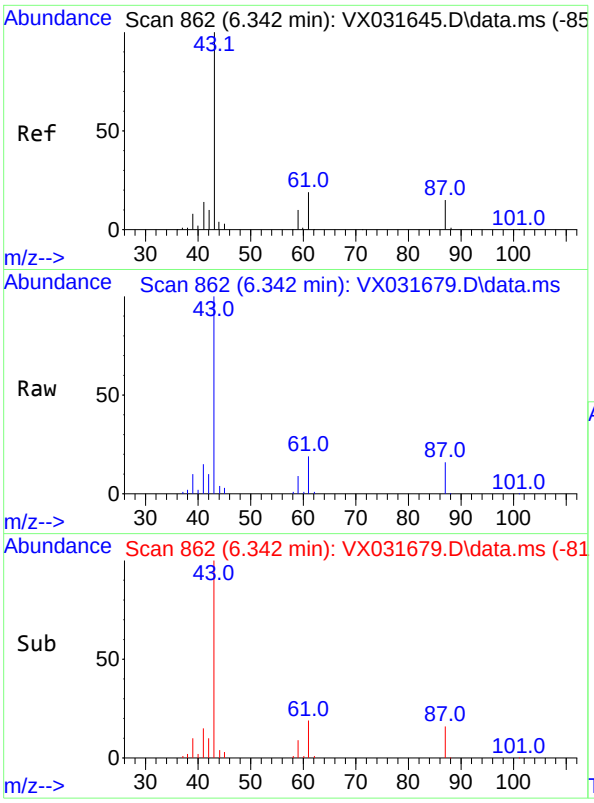


#41
Methacrylonitrile
Concen: 0.387 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.103 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 41 Resp: 236

Ion	Ratio	Lower	Upper
41	100		
39	47.9	45.0	67.6
67	0.0	58.2	87.4#
52	0.0	25.0	37.6#



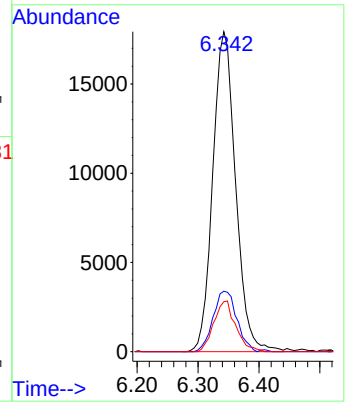


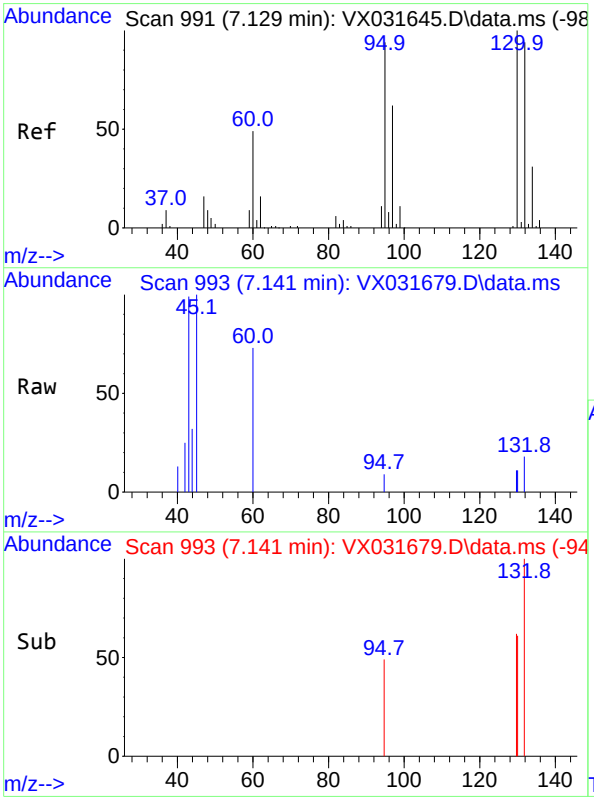
#43
Isopropyl Acetate
Concen: 24.777 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 46722

Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.3	22.9
87	15.2	10.6	15.8

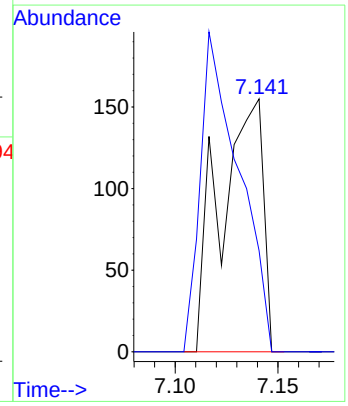


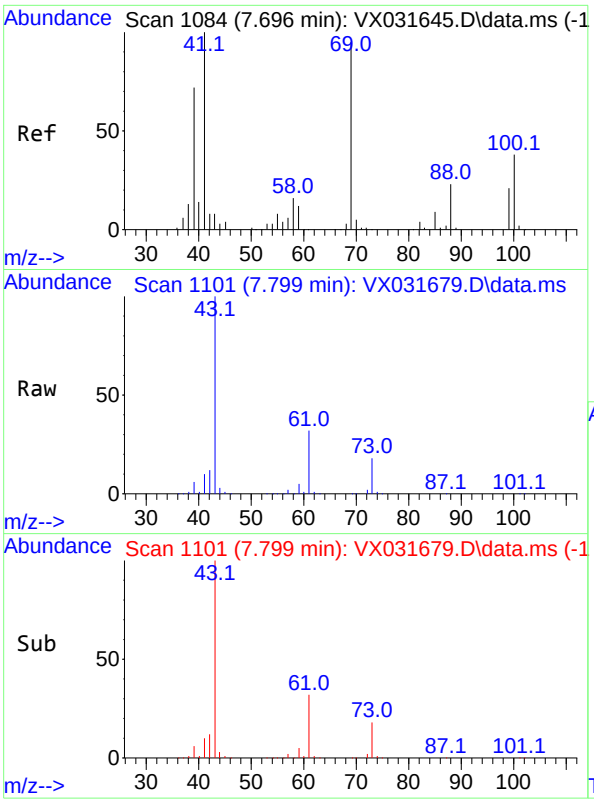


#44
Trichloroethene
Concen: 0.216 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion:130 Resp: 223

Ion	Ratio	Lower	Upper
130	100		
95	40.0	0.0	206.8



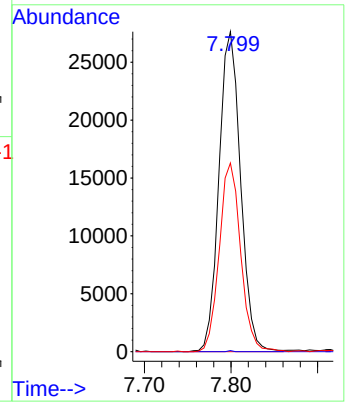


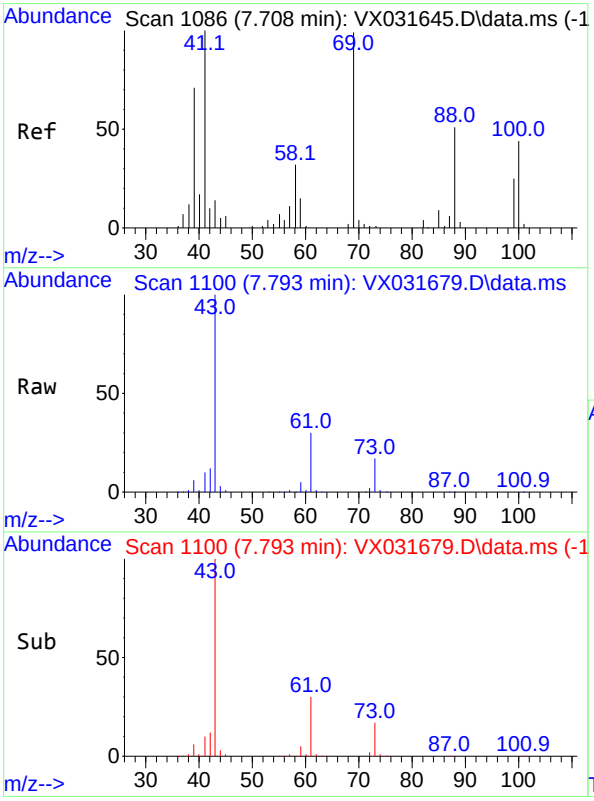
#48
Methyl methacrylate
Concen: 57.634 ug/l
RT: 7.799 min Scan# 11
Delta R.T. 0.103 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 47796

Ion	Ratio	Lower	Upper
41	100		
69	0.1	64.6	96.8#
39	58.5	51.4	77.0

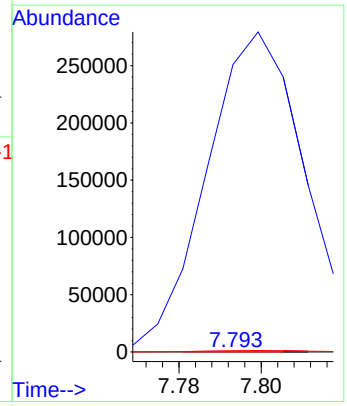


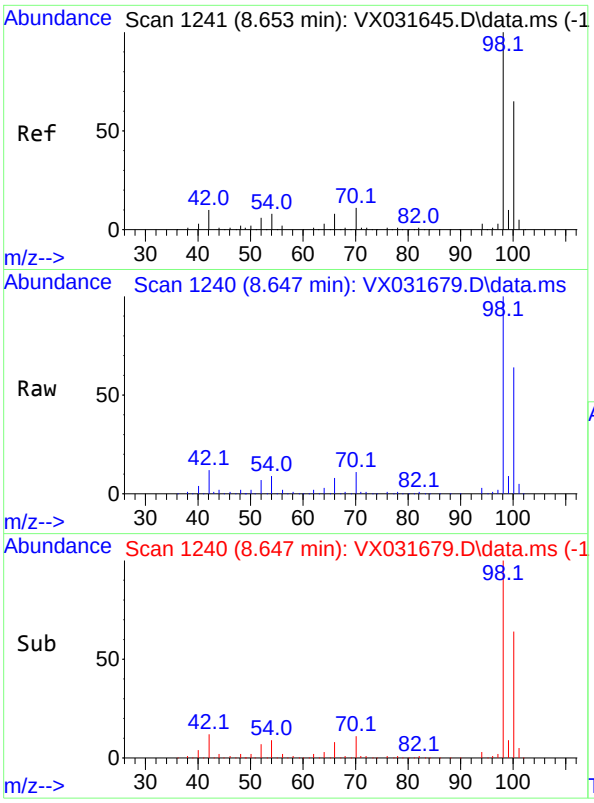


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.793 min Scan# 1100
Delta R.T. 0.109 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 88 Resp: 25

Ion	Ratio	Lower	Upper
88	100		
43	1904012.0	27.1	40.7#
58	9272.0	53.9	80.9#



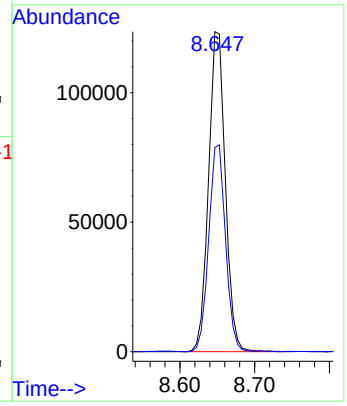


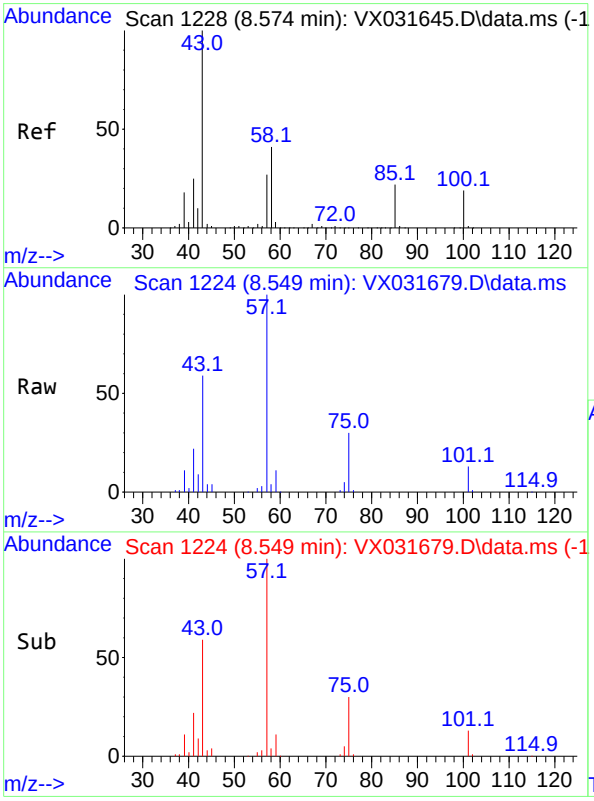
#50
Toluene-d8
Concen: 51.318 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 192429

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.5	78.7

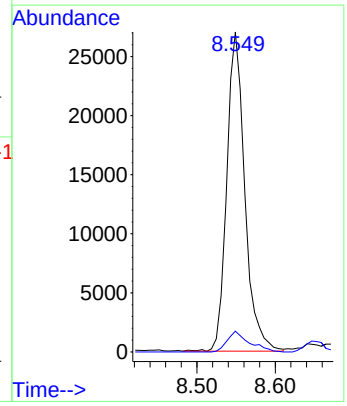


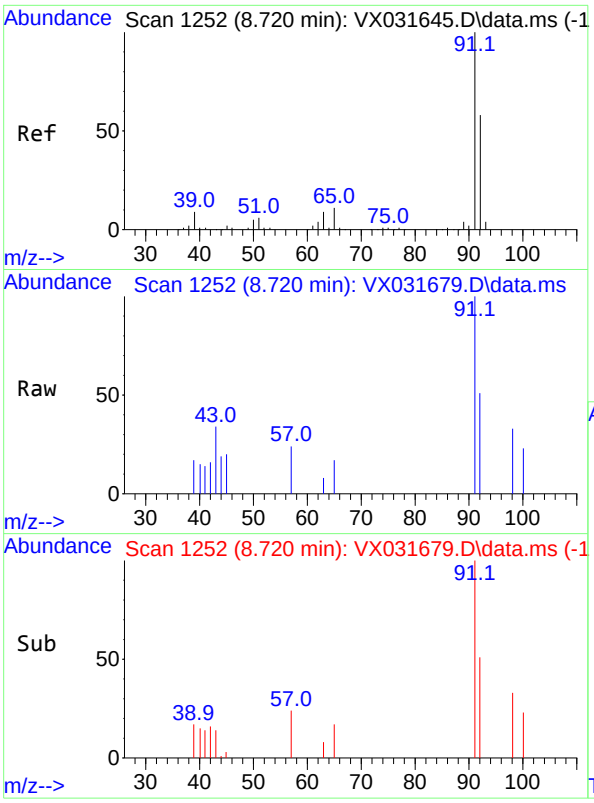


#51
4-Methyl-2-Pentanone
Concen: 36.240 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 43 Resp: 43255

Ion	Ratio	Lower	Upper
43	100		
58	7.9	30.6	46.0#



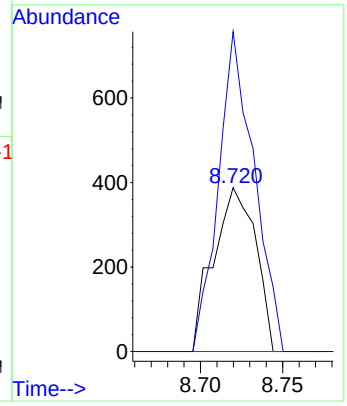


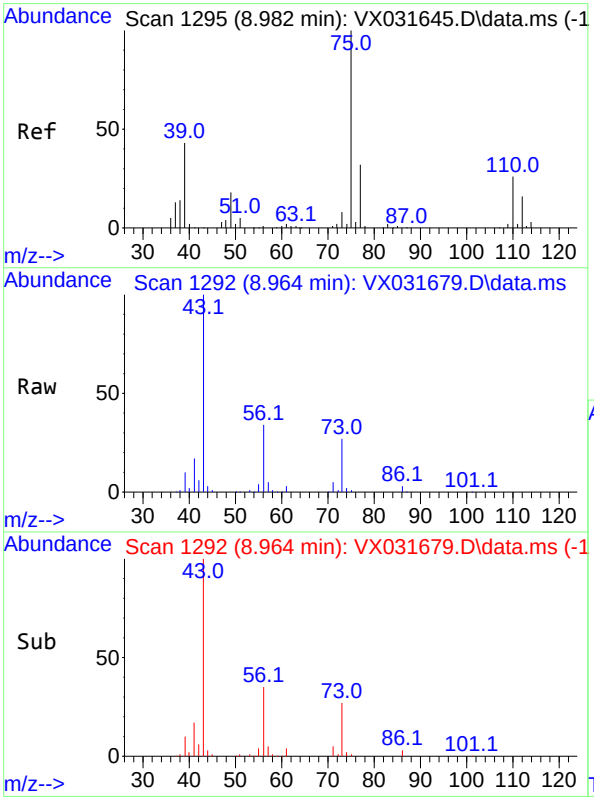
#52
Toluene
Concen: 0.285 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 92 Resp: 694

Ion	Ratio	Lower	Upper
92	100		
91	164.8	137.1	205.7

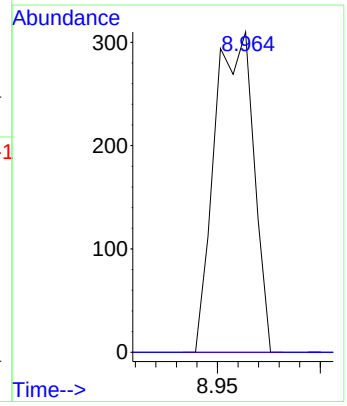


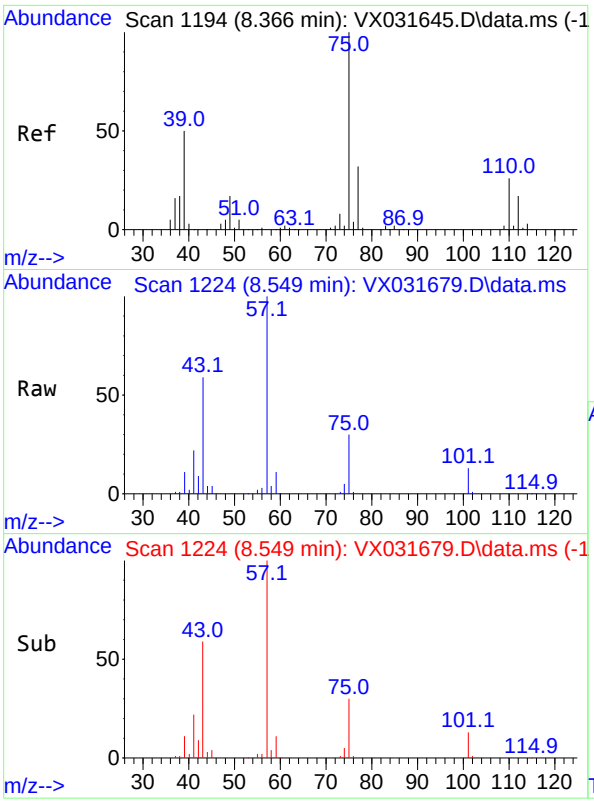


#53
t-1,3-Dichloropropene
Concen: 2.150 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.018 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 75 Resp: 408

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#



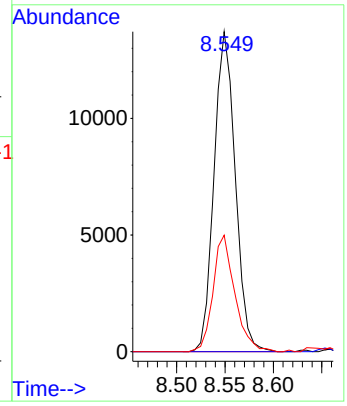


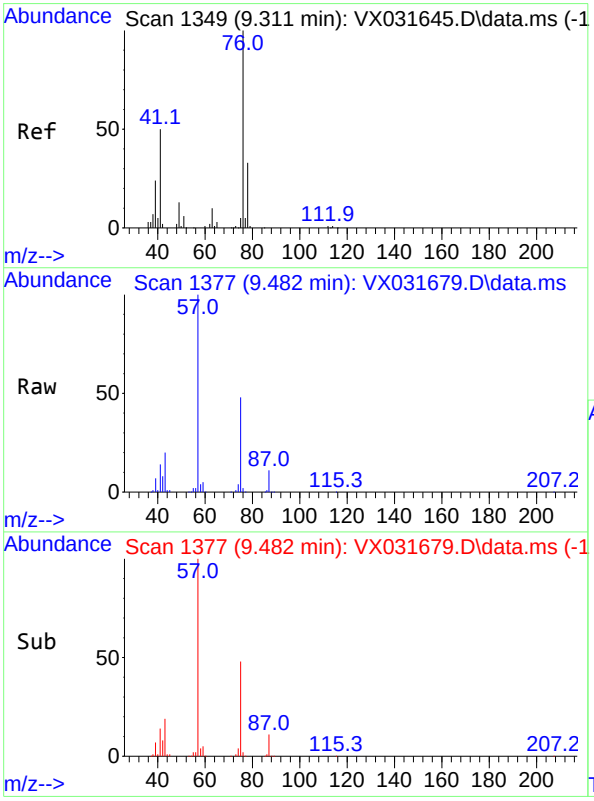
#54
cis-1,3-Dichloropropene
Concen: 15.693 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 20926

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.4	36.6#
39	36.4	43.7	65.5#

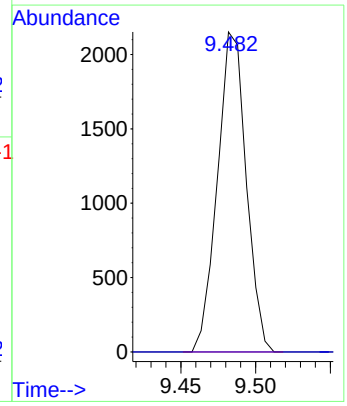


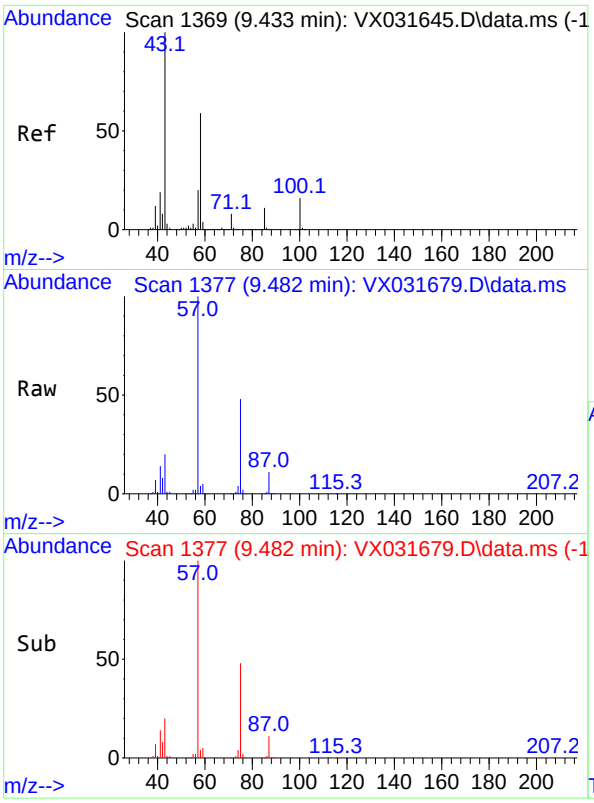


#57
1,3-Dichloropropane
Concen: 1.740 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 76 Resp: 2885

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#



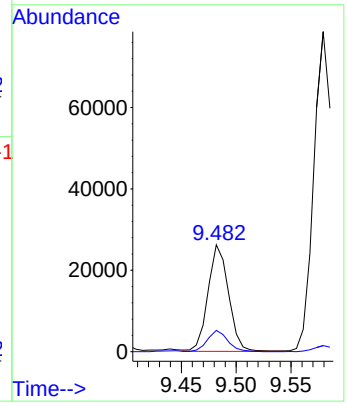


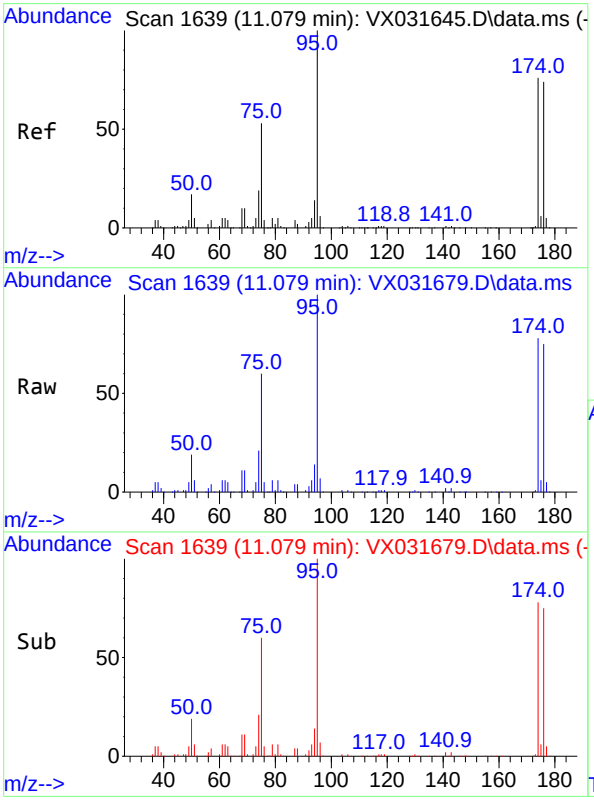
#59
2-Hexanone
Concen: 38.302 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.049 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 34110

Ion	Ratio	Lower	Upper
43	100		
58	19.9	26.7	80.0#

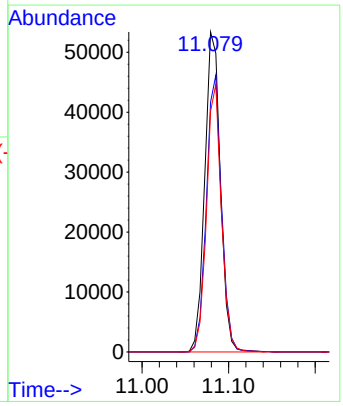


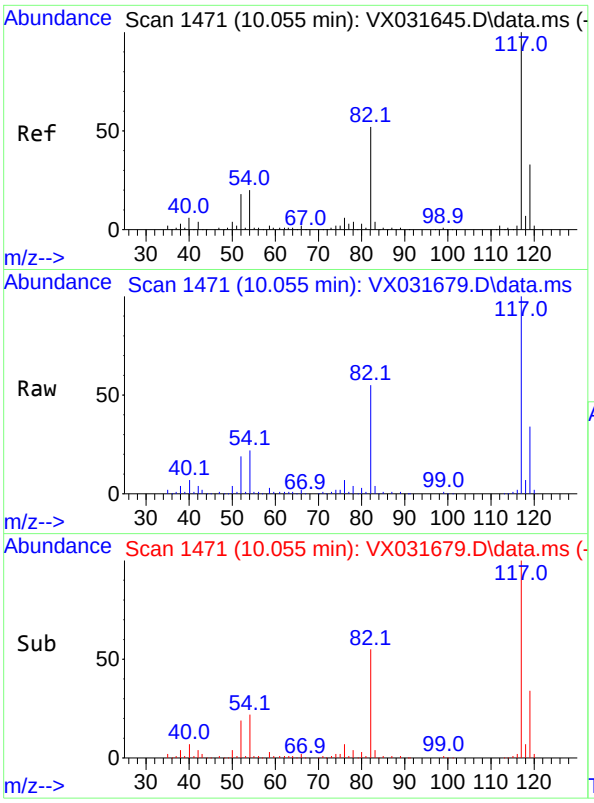


#62
4-Bromofluorobenzene
Concen: 48.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 95 Resp: 66820

Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	153.2
176	79.7	0.0	144.0



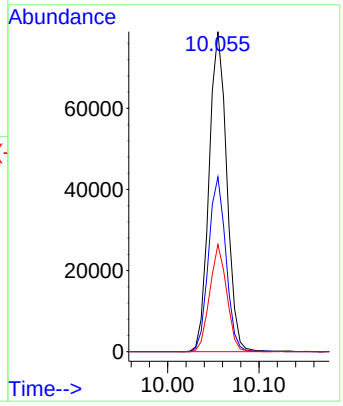


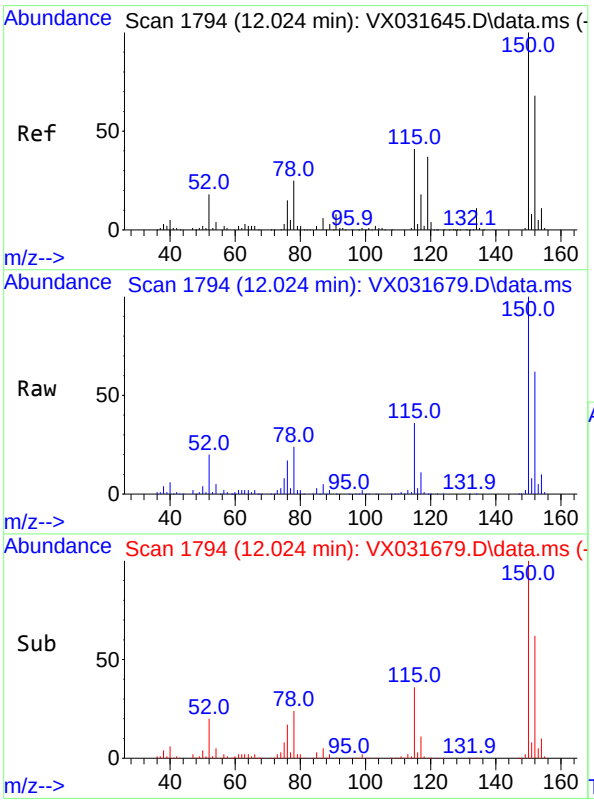
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 106063

Ion	Ratio	Lower	Upper
117	100		
82	54.6	46.8	70.2
119	33.5	26.4	39.6

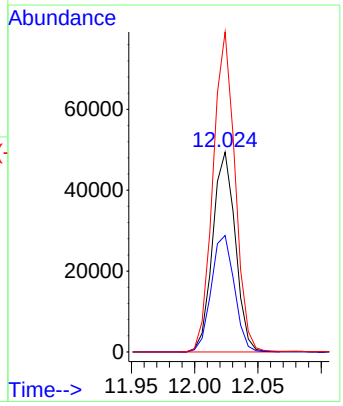


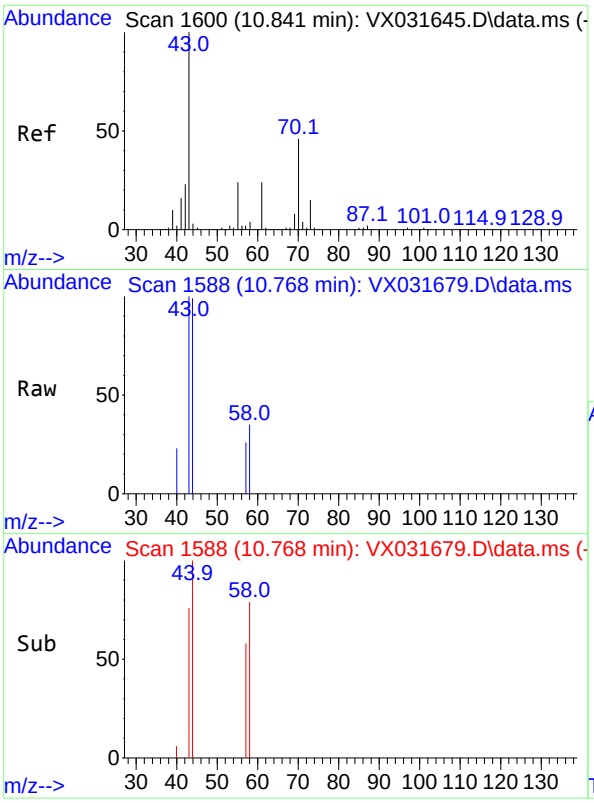


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion:152 Resp: 61692

Ion	Ratio	Lower	Upper
152	100		
115	59.4	43.4	130.1
150	155.8	0.0	346.8



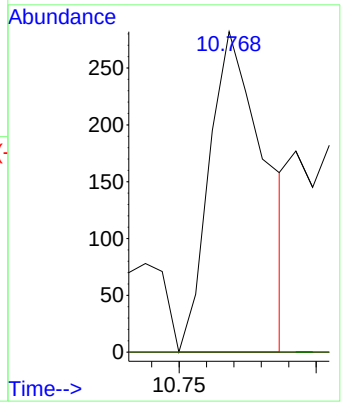


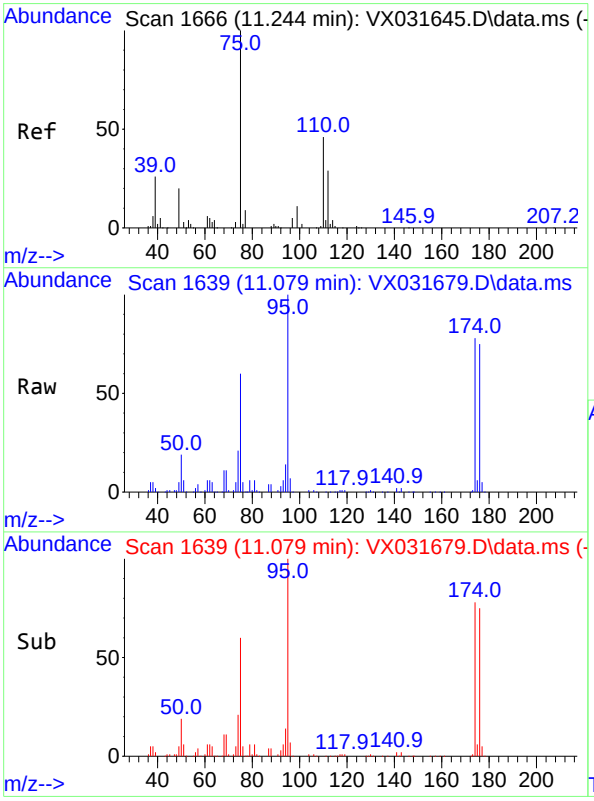
#74
N-amyl acetate
Concen: 0.307 ug/l
RT: 10.768 min Scan# 1
Delta R.T. -0.074 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 397

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.4	50.2#
55	0.0	18.2	27.2#
61	0.0	19.3	28.9#

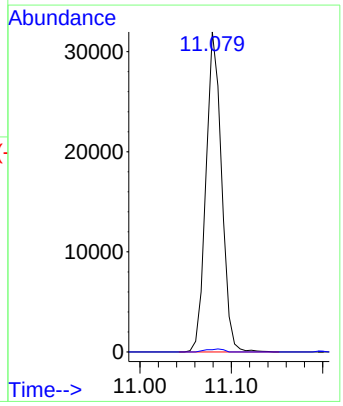


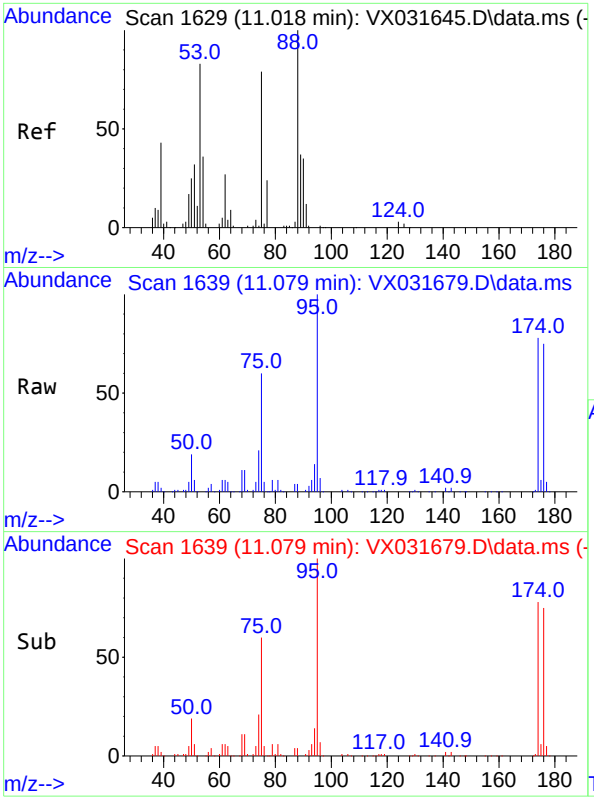


#76
1,2,3-Trichloropropane
Concen: 33.868 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Tgt Ion: 75 Resp: 37878

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.3	60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 111.238 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031679.D
Acq: 27 Sep 2022 03:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 37878

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.6	116.4#
89	0.0	37.4	56.0#