Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042622\
Data File : VX028361.D
Acq On : 26 Apr 2022 19:42
Operator : JC/MD
Sample : N2559-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Quant Time: Apr 27 02:08:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	450904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	770118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	771482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	379189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	317882	54.068	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.140%			
35) Dibromofluoromethane	5.391	113	289942	53.685	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.380%			
50) Toluene-d8	8.653	98	1091107	52.600	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.200%			
62) 4-Bromofluorobenzene	11.085	95	405591	51.138	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.280%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	933	Below Cal	#	63
5) Bromomethane	1.617	94	957	Below Cal		96
6) Chloroethane	1.685	64	693	Below Cal		90
8) Diethyl Ether	2.142	74	101	Below Cal	#	7
10) Methyl Iodide	2.465	142	254	5.280	ug/l #	74
11) Tert butyl alcohol	2.940	59	4706	Below Cal	#	72
13) Acrolein	2.245	56	354	0.491	ug/l #	41
16) Acetone	2.380	43	23297	11.643	ug/l	94
18) Methyl Acetate	2.709	43	1893	0.362	ug/l	99
20) Methylene Chloride	2.788	84	21327	4.889	ug/l	97
25) 2-Butanone	4.574	43	3087	0.887	ug/l	93
29) Tetrahydrofuran	5.019	42	486	0.214	ug/l #	88
31) Cyclohexane	5.556	56	8347	1.165	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	31452	4.465	ug/l #	50
38) Carbon Tetrachloride	5.556	117	44005	5.533	ug/l #	16
43) Isopropyl Acetate	6.342	43	30075	2.585	ug/l	98
48) Methyl methacrylate	7.598	41	7819	1.464	ug/l #	7
49) 1,4-Dioxane	7.805	88	379	2.652	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	113241	15.168	ug/l #	44
54) cis-1,3-Dichloropropene	8.549	75	60717	6.991	ug/l #	68
57) 1,3-Dichloropropane	9.482	76	37334	3.974	ug/l #	43
59) 2-Hexanone	9.482	43	422585	73.074	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	202219	27.097	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	202219	80.526	ug/l #	15
90) Hexachloroethane	12.329	117	66	1.829	ug/l #	10

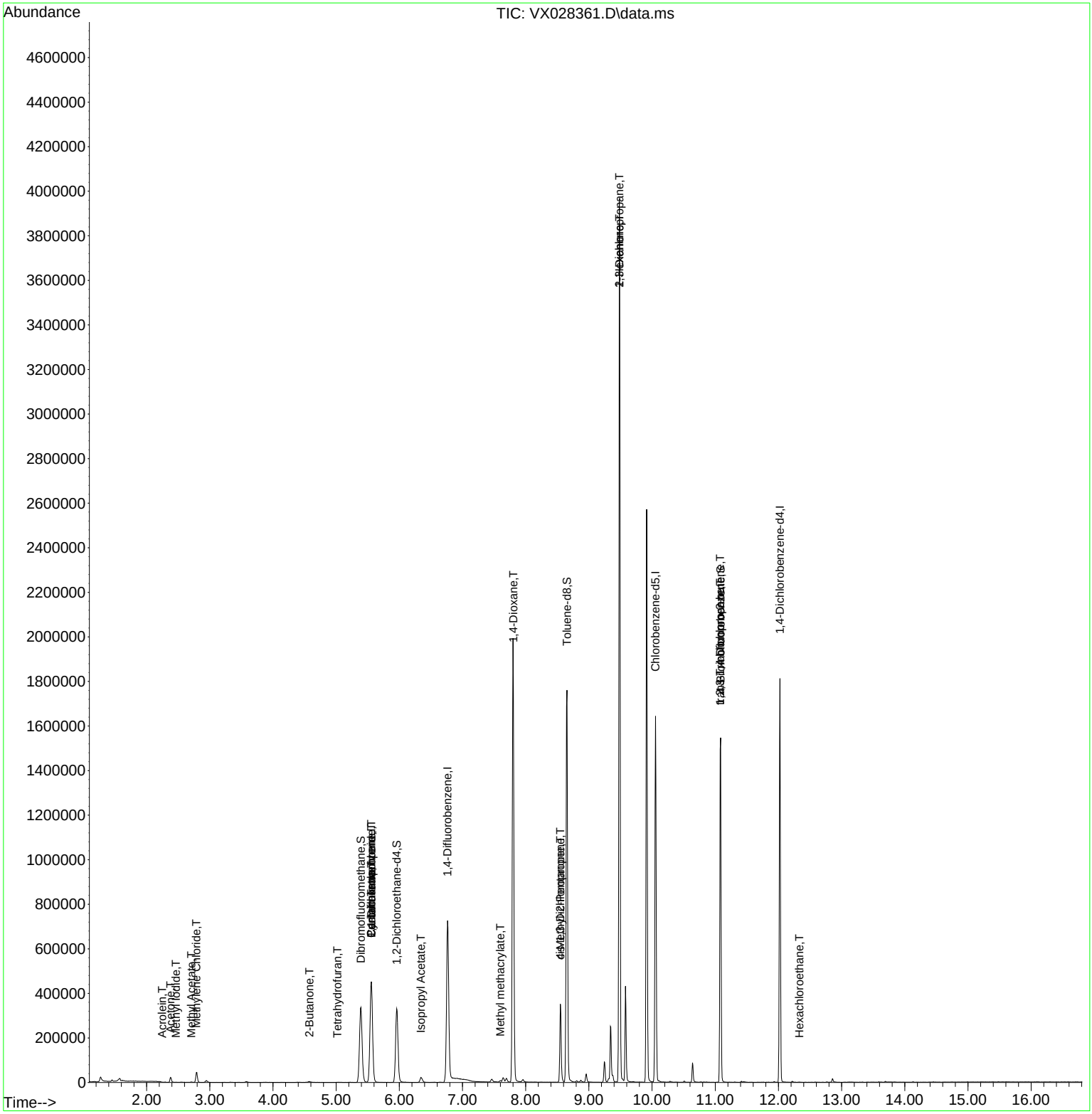
(#) = qualifier out of range (m) = manual integration (+) = signals summed

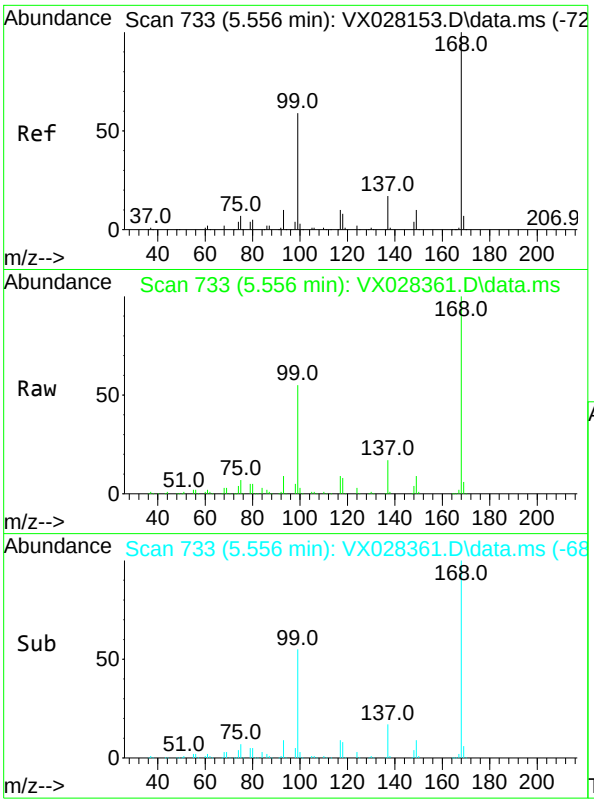
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042622\
Data File : VX028361.D
Acq On : 26 Apr 2022 19:42
Operator : JC/MD
Sample : N2559-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Quant Time: Apr 27 02:08:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration



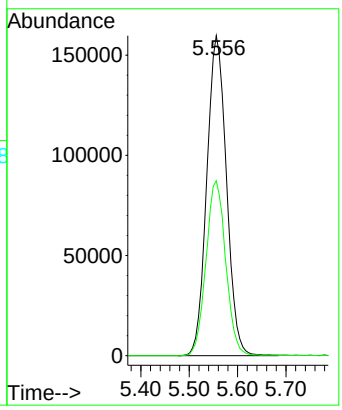


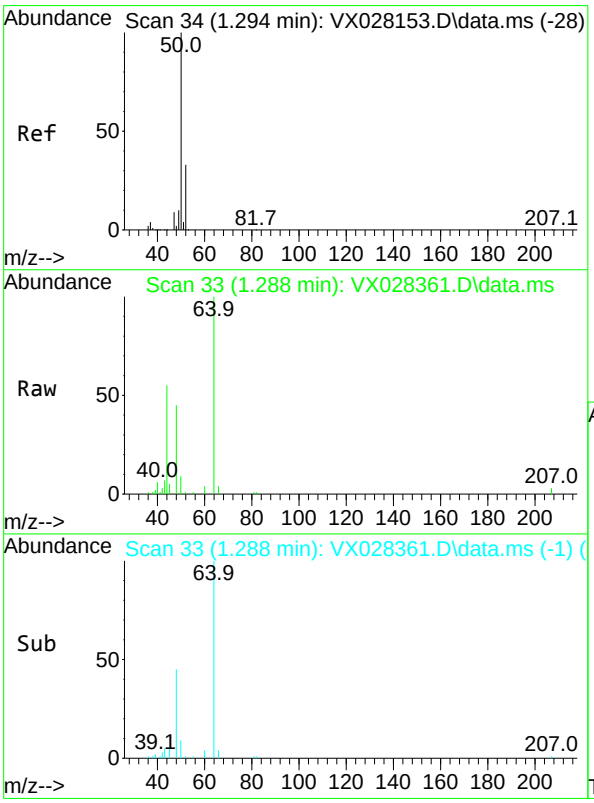
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion:168 Resp: 450904

Ion	Ratio	Lower	Upper
168	100		
99	54.7	41.7	62.5

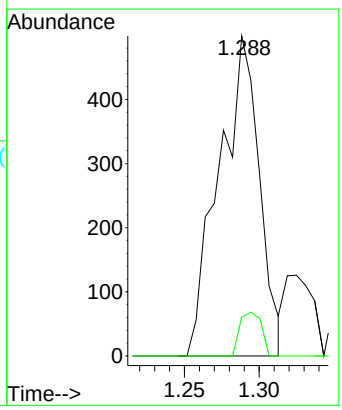


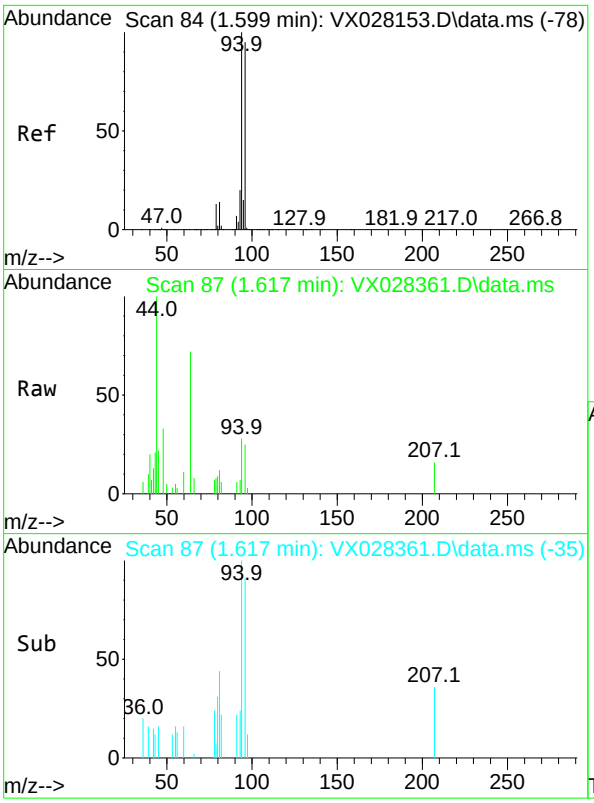


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion: 50 Resp: 933

Ion	Ratio	Lower	Upper
50	100		
52	12.0	26.4	39.6#



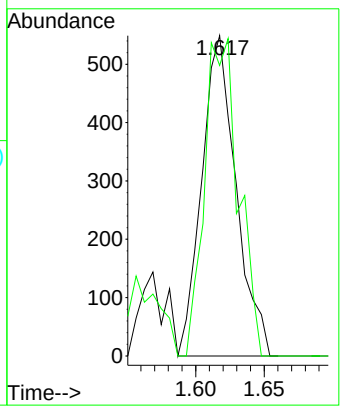


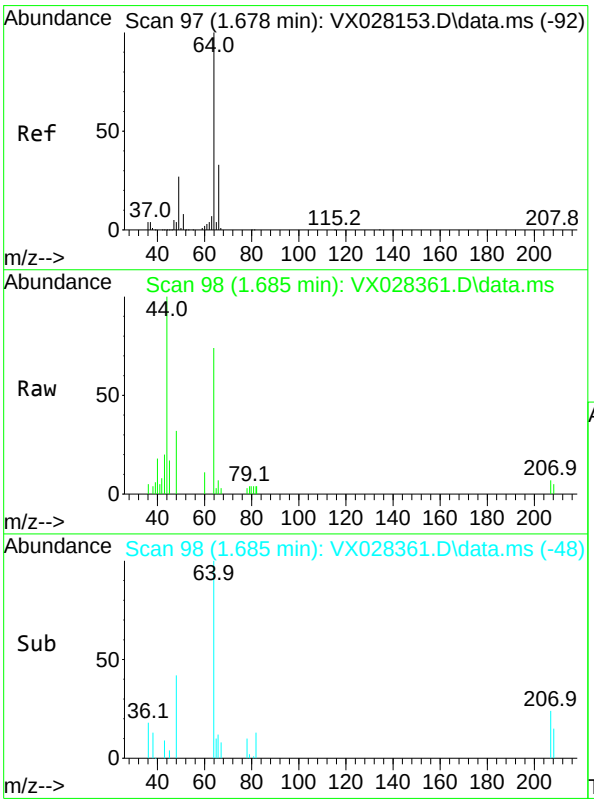
#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 8
Delta R.T. 0.018 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion: 94 Resp: 957

Ion	Ratio	Lower	Upper
94	100		
96	90.7	75.3	112.9

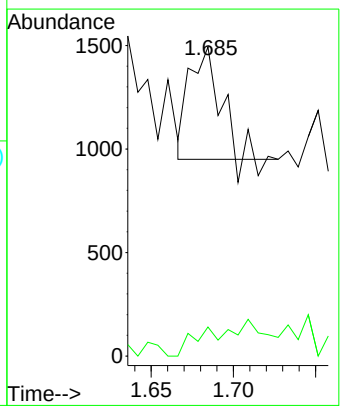


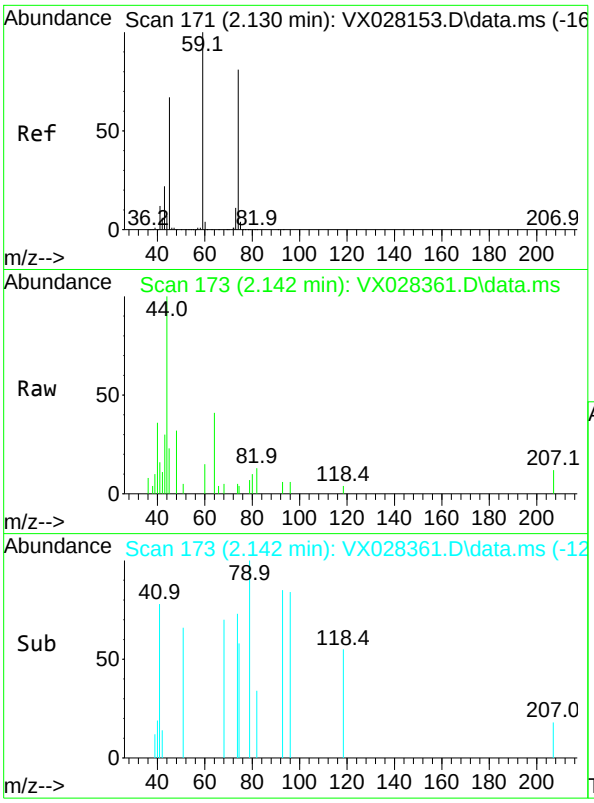


#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion: 64 Resp: 693

Ion	Ratio	Lower	Upper
64	100		
66	25.8	25.3	37.9



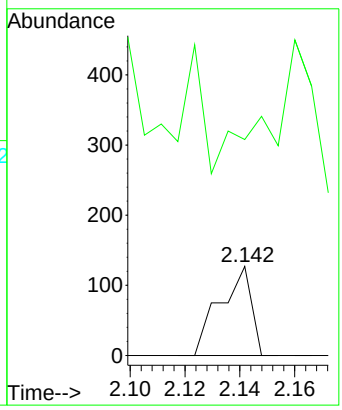


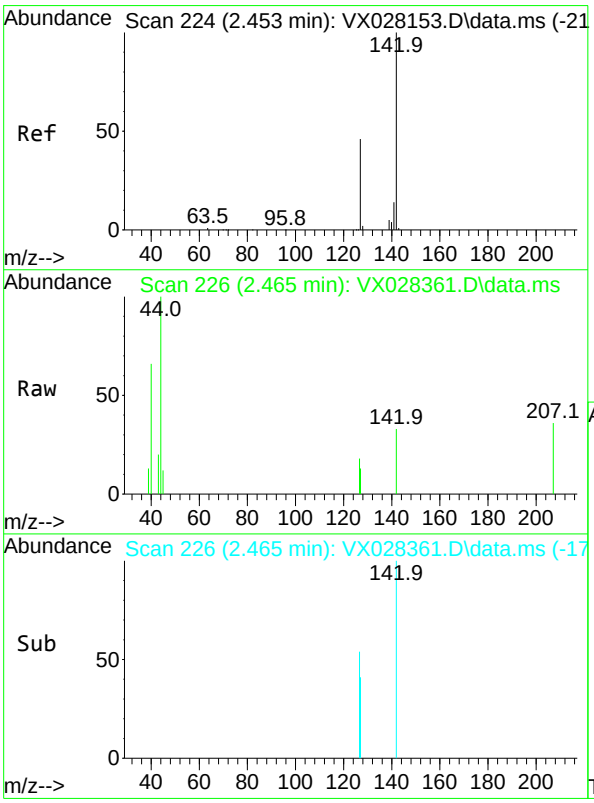
#8
Diethyl Ether
Concen: Below Cal
RT: 2.142 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion: 74 Resp: 101

Ion	Ratio	Lower	Upper
74	100		
45	0.0	42.0	126.0#

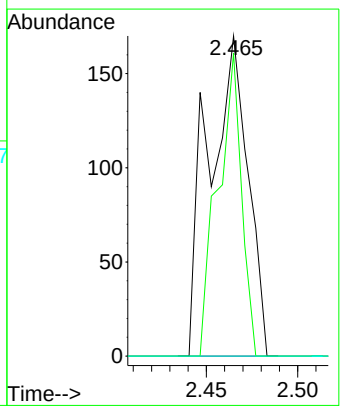


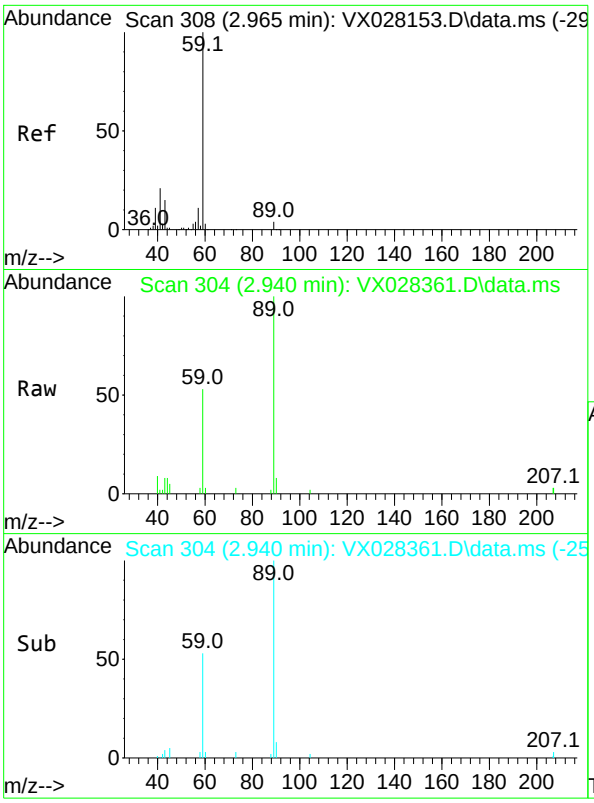


#10
Methyl Iodide
Concen: 5.280 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion:142 Resp: 254

Ion	Ratio	Lower	Upper
142	100		
127	57.1	33.9	50.9#
141	0.0	11.4	17.2#



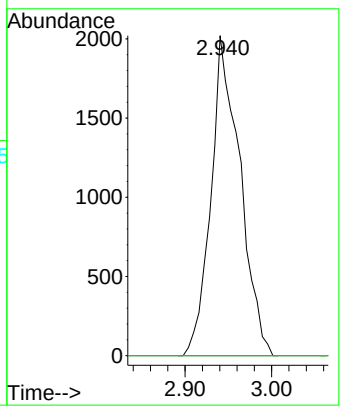


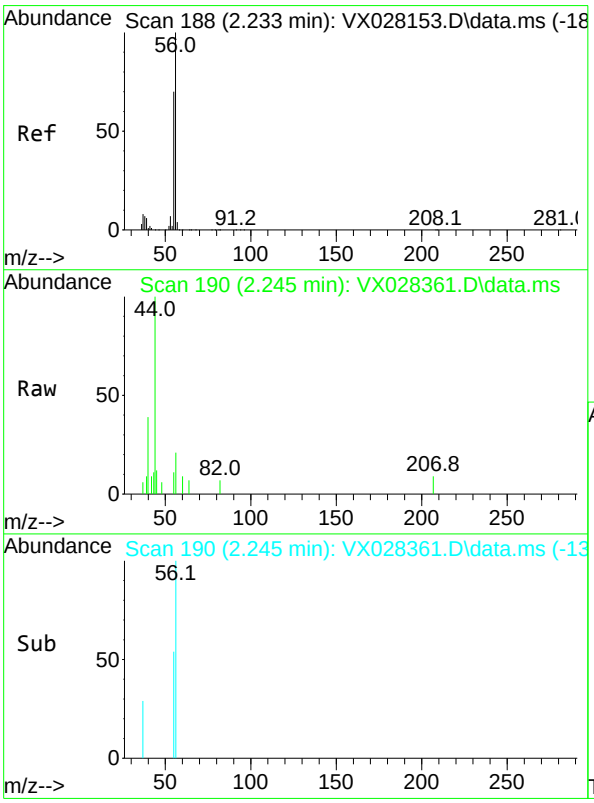
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 3
Delta R.T. -0.025 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion: 59 Resp: 4706

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

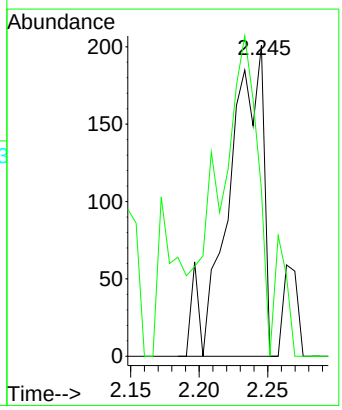


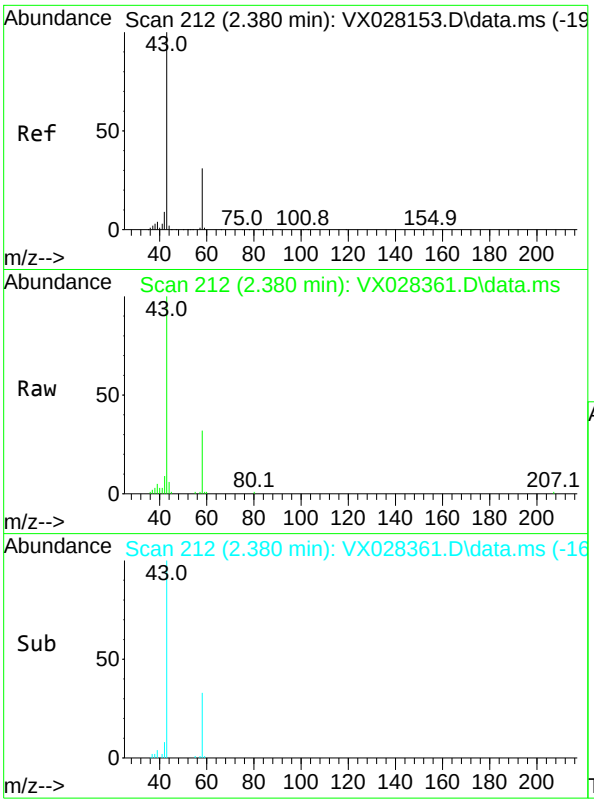


#13
Acrolein
Concen: 0.491 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion: 56 Resp: 354

Ion	Ratio	Lower	Upper
56	100		
55	116.4	55.0	82.6#



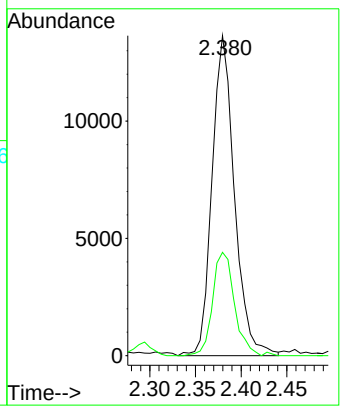


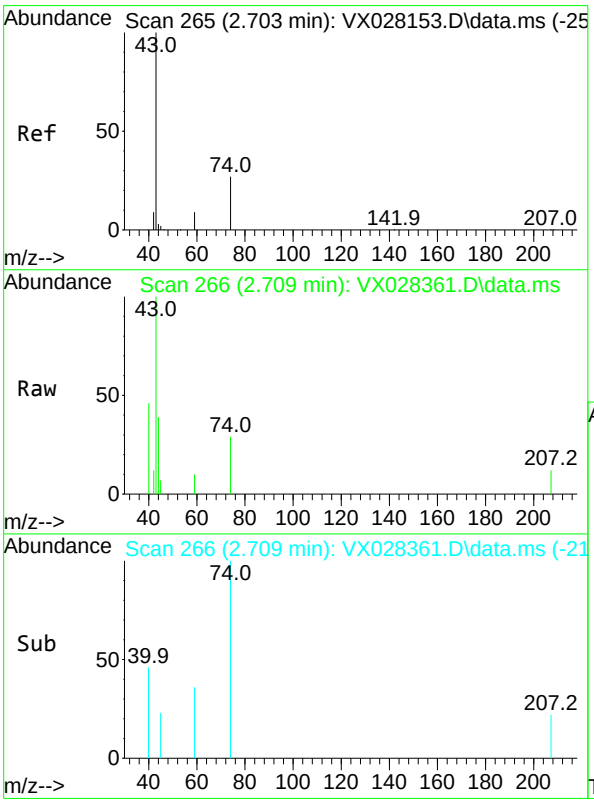
#16
Acetone
Concen: 11.643 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion: 43 Resp: 23297

Ion	Ratio	Lower	Upper
43	100		
58	32.3	28.8	43.2

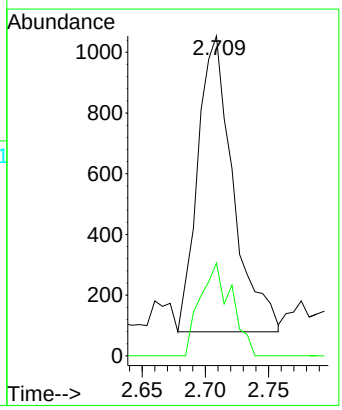


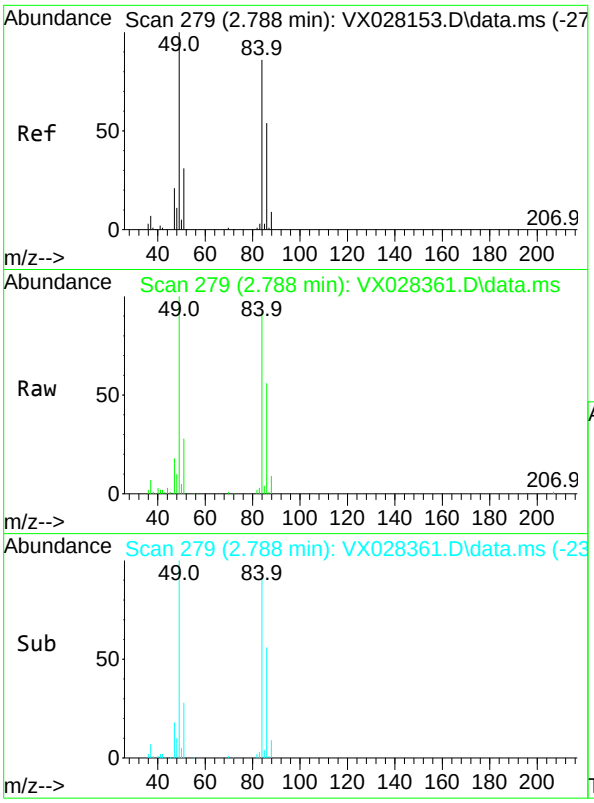


#18
Methyl Acetate
Concen: 0.362 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion: 43 Resp: 1893

Ion	Ratio	Lower	Upper
43	100		
74	28.1	22.8	34.2



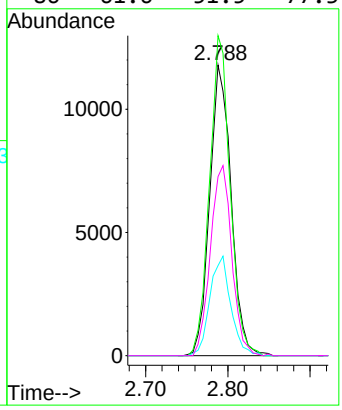


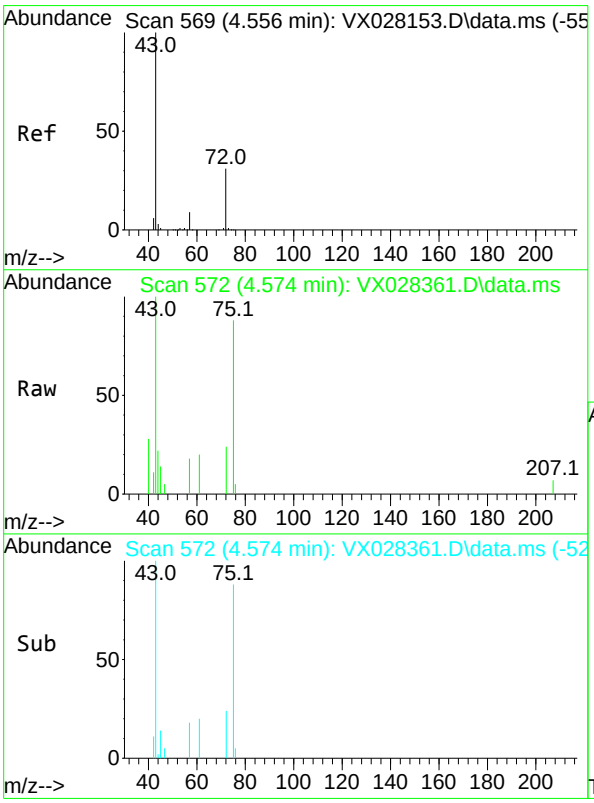
#20
Methylene Chloride
Concen: 4.889 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion: 84 Resp: 21327

Ion	Ratio	Lower	Upper
84	100		
49	110.1	85.5	128.3
51	31.0	26.6	39.8
86	61.6	51.5	77.3

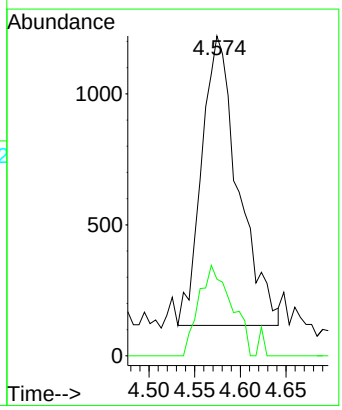


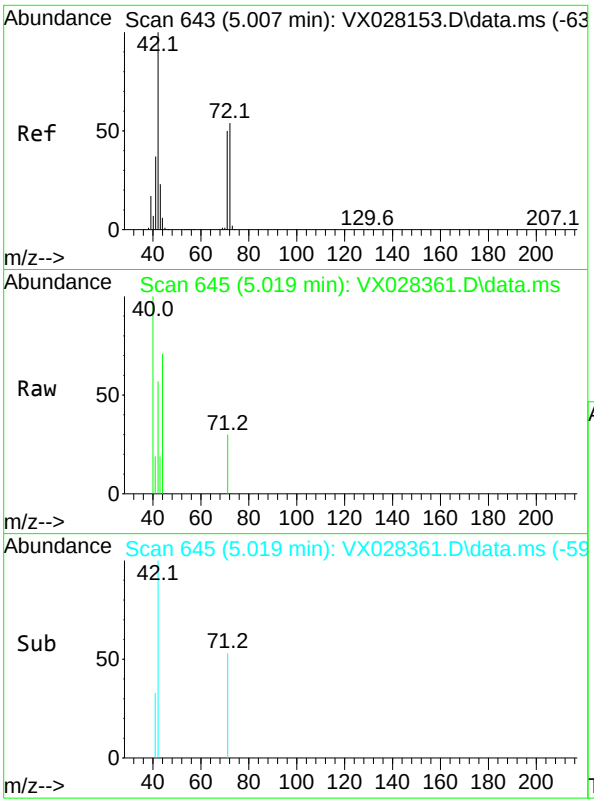


#25
2-Butanone
Concen: 0.887 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion: 43 Resp: 3087

Ion	Ratio	Lower	Upper
43	100		
72	26.5	24.4	36.6



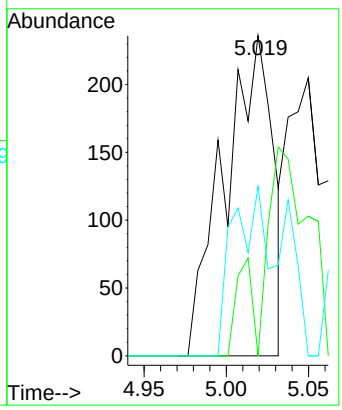


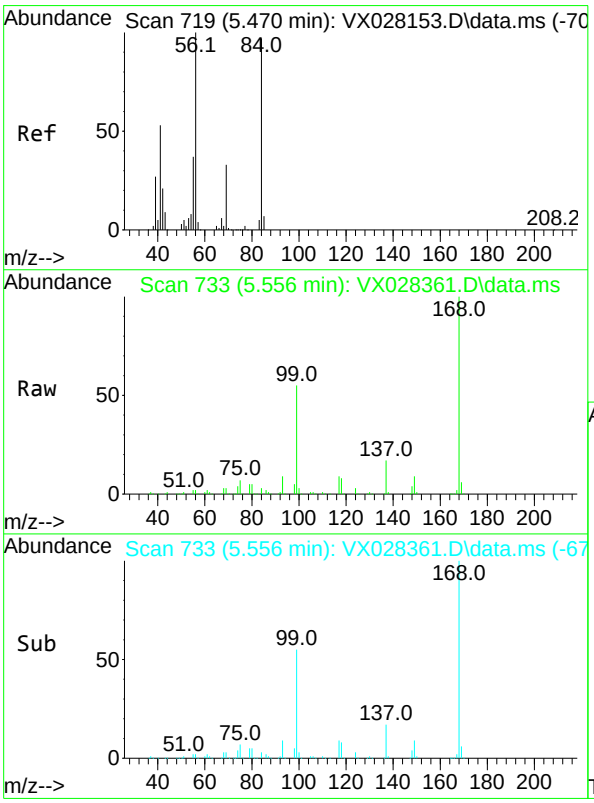
#29
Tetrahydrofuran
Concen: 0.214 ug/l
RT: 5.019 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion: 42 Resp: 486

Ion	Ratio	Lower	Upper
42	100		
72	62.1	44.1	66.1
71	40.3	40.5	60.7#

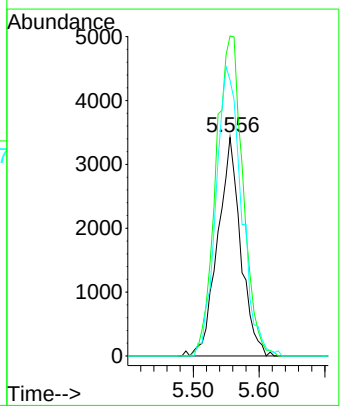


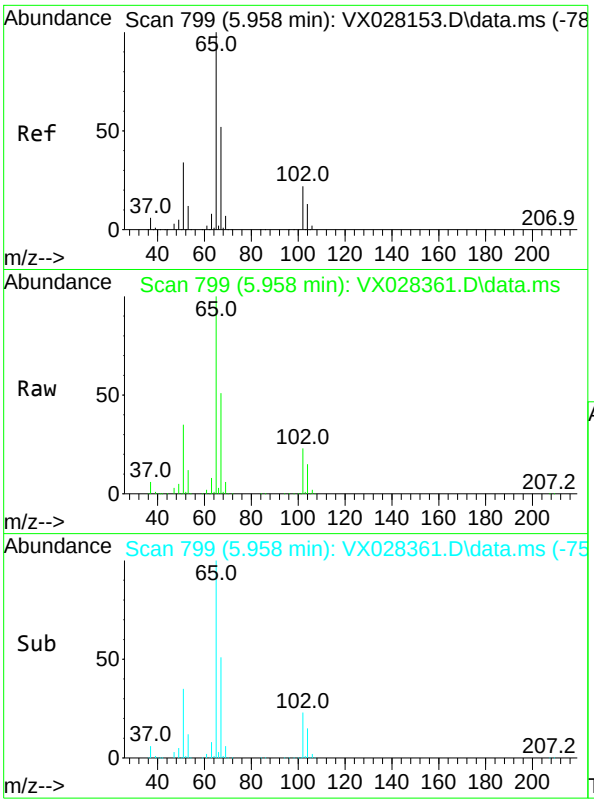


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion: 56 Resp: 8347

Ion	Ratio	Lower	Upper
56	100		
69	146.4	26.7	40.1#
84	126.1	77.2	115.8#



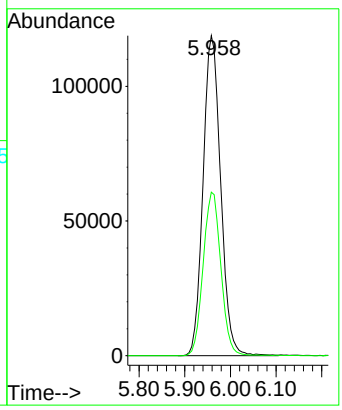


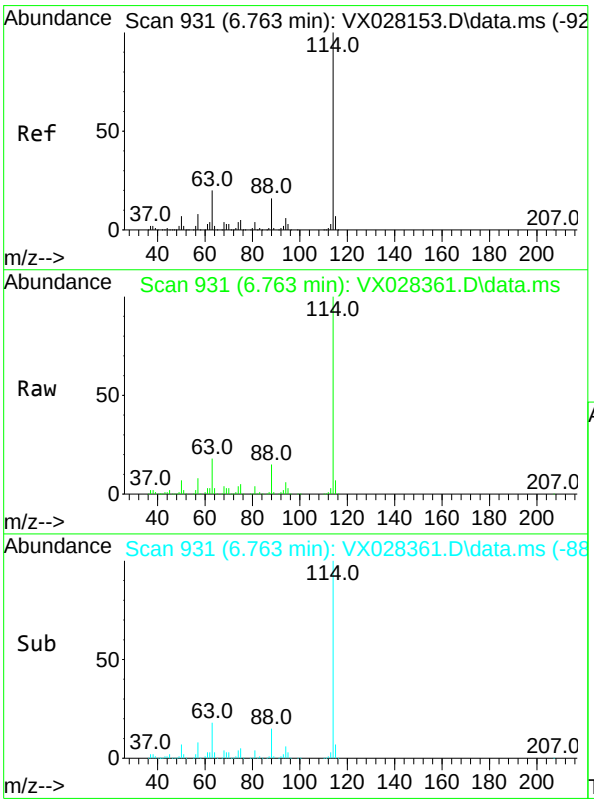
#33
1,2-Dichloroethane-d4
Concen: 54.068 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion: 65 Resp: 317882

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	107.4

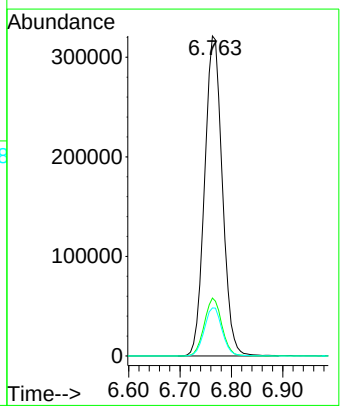


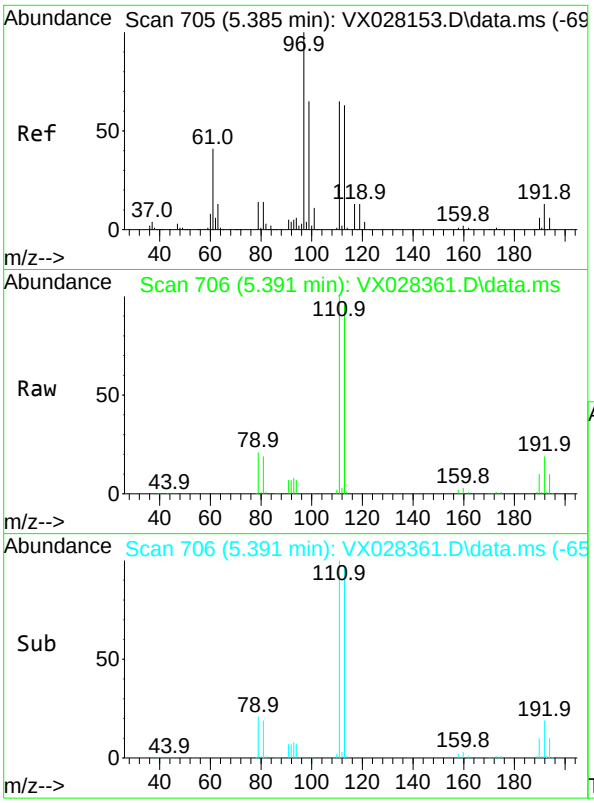


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion:114 Resp: 770118

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	36.8
88	15.0	0.0	32.4



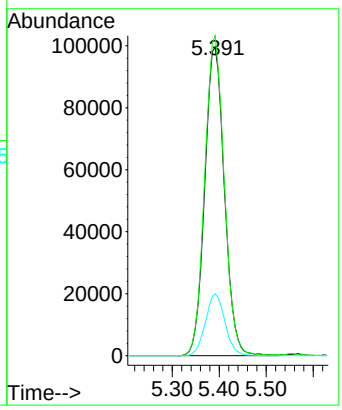


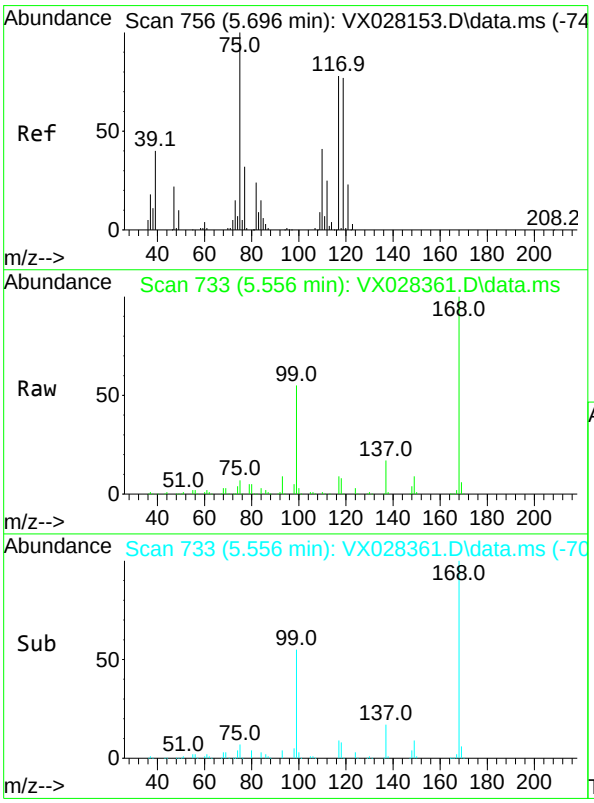
#35
Dibromofluoromethane
Concen: 53.685 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion:113 Resp: 289942

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	19.8	16.9	25.3

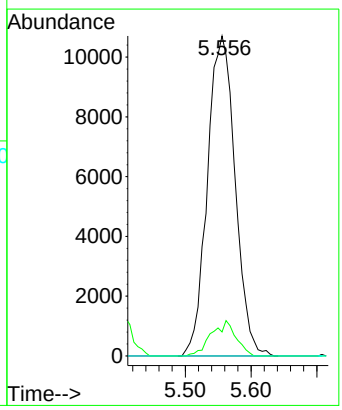


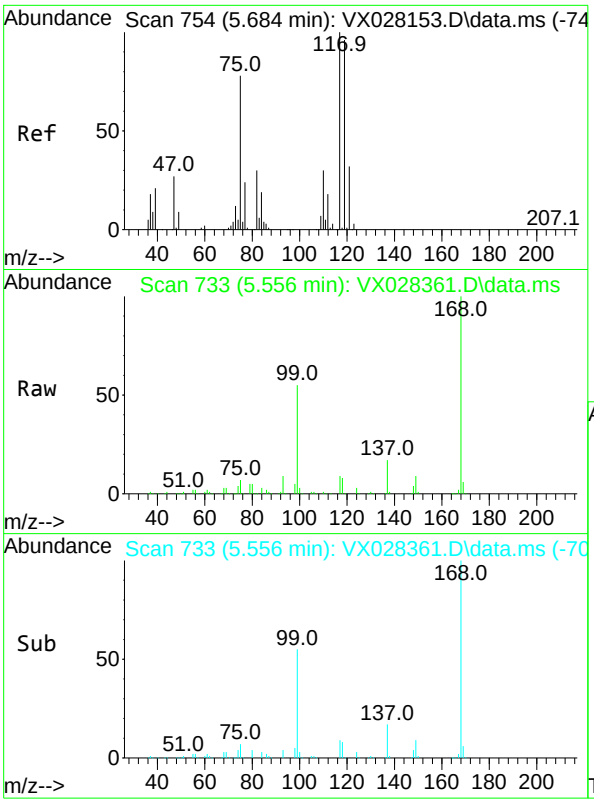


#36
1,1-Dichloropropene
Concen: 4.465 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion: 75 Resp: 31452

Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.3	54.8#
77	0.0	24.8	37.2#



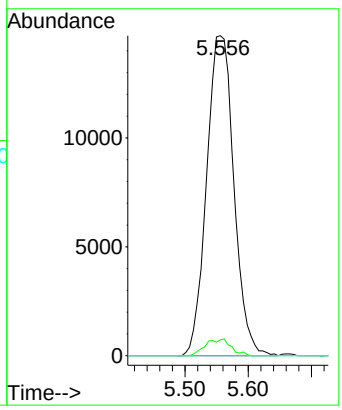


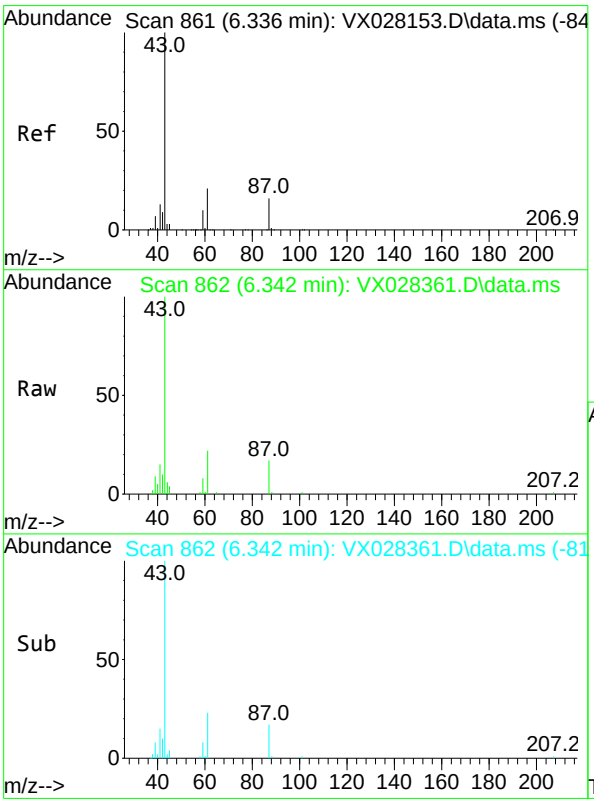
#38
Carbon Tetrachloride
Concen: 5.533 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.128 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion:117 Resp: 44005

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.3	115.9#
121	0.0	24.2	36.2#

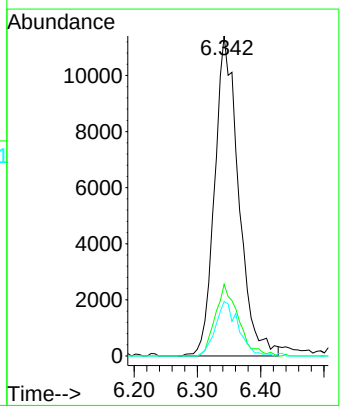


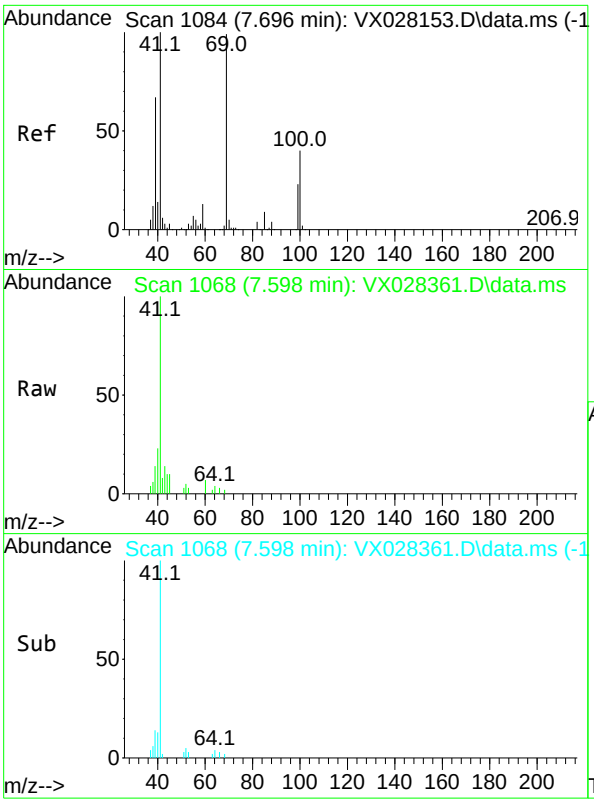


#43
Isopropyl Acetate
Concen: 2.585 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion: 43 Resp: 30075

Ion	Ratio	Lower	Upper
43	100		
61	21.5	18.5	27.7
87	16.3	13.0	19.6



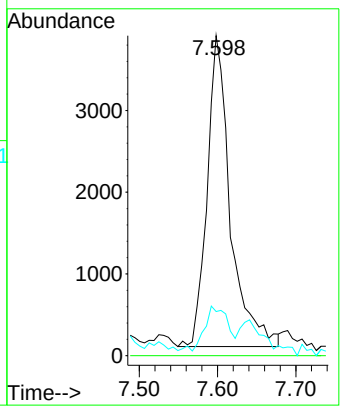


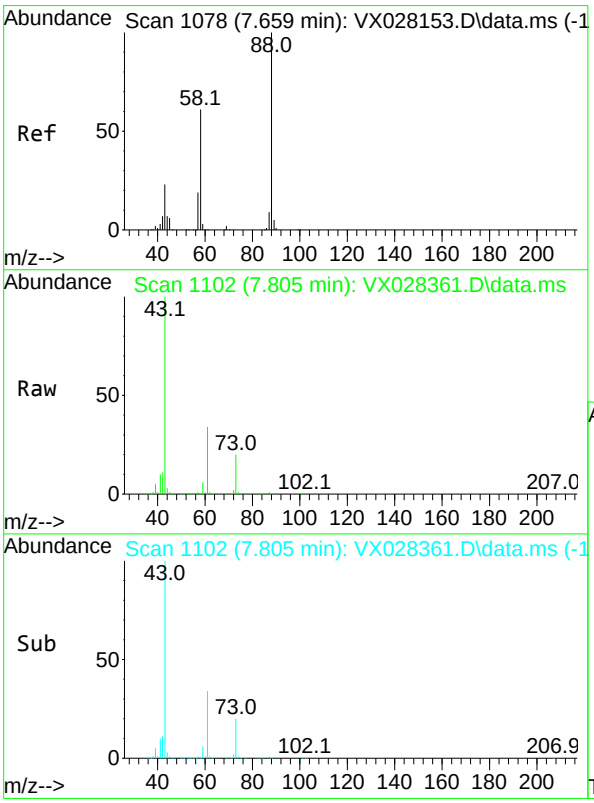
#48
Methyl methacrylate
Concen: 1.464 ug/l
RT: 7.598 min Scan# 1
Delta R.T. -0.098 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion: 41 Resp: 7819

Ion	Ratio	Lower	Upper
41	100		
69	0.0	82.5	123.7#
39	0.0	43.8	65.8#

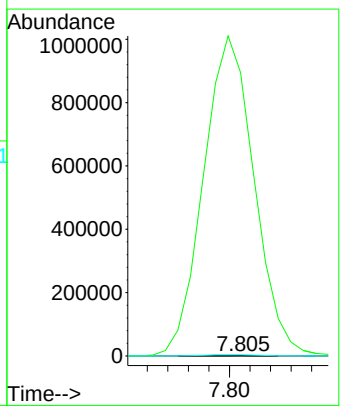


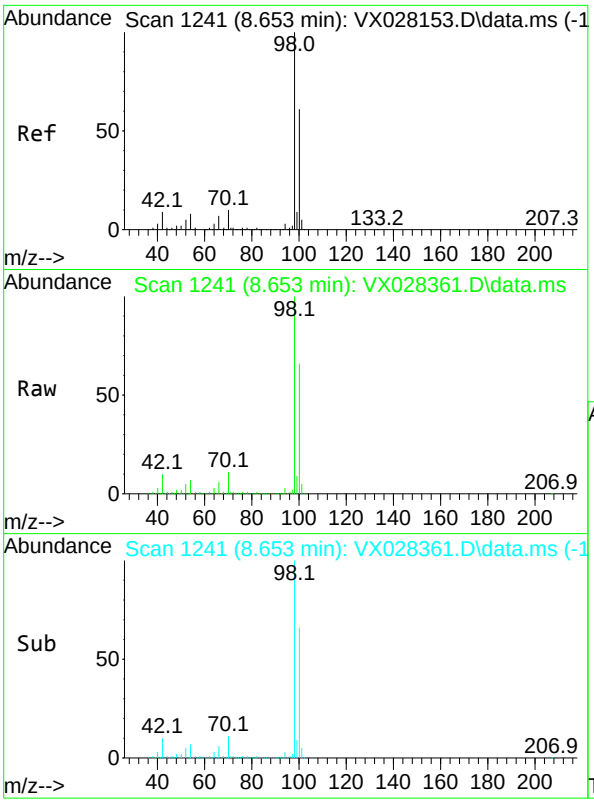


#49
1,4-Dioxane
Concen: 2.652 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.146 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion: 88 Resp: 379

Ion	Ratio	Lower	Upper
88	100		
43	459923.7	21.9	32.9#
58	2050.7	53.7	80.5#



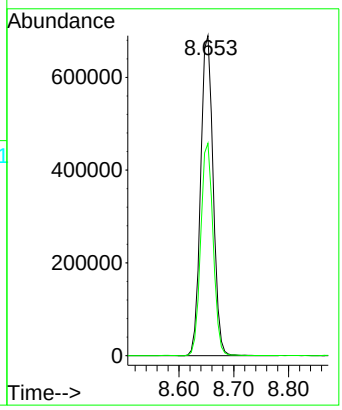


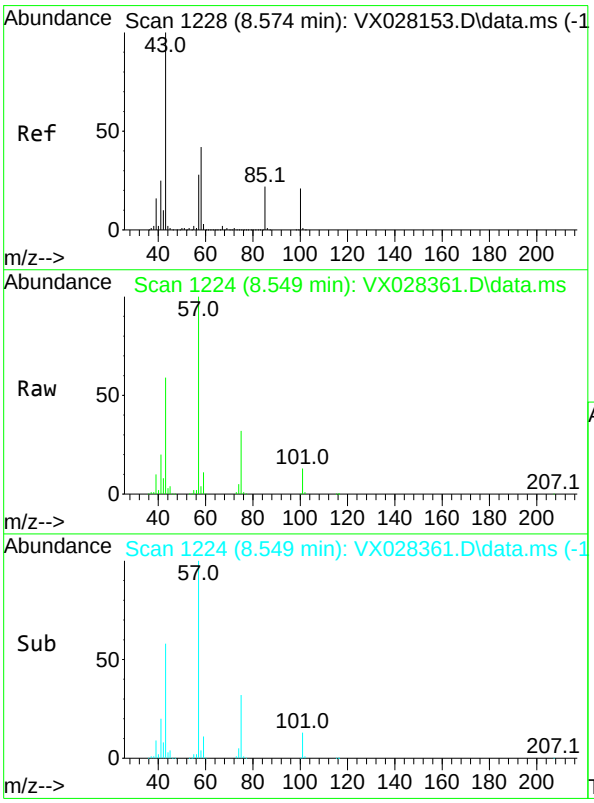
#50
Toluene-d8
Concen: 52.600 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion: 98 Resp: 1091107

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.6	78.8

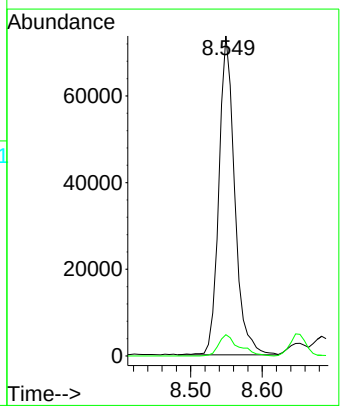


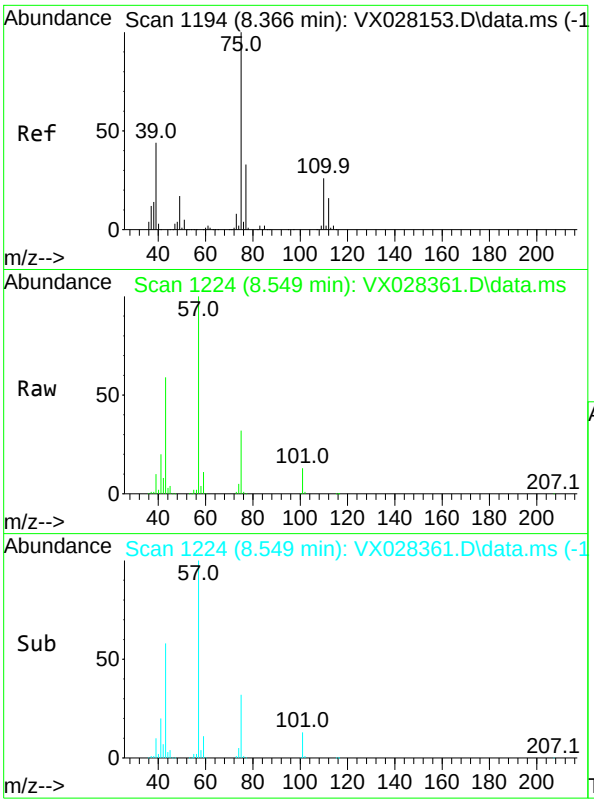


#51
4-Methyl-2-Pentanone
Concen: 15.168 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion: 43 Resp: 113241

Ion	Ratio	Lower	Upper
43	100		
58	8.5	36.1	54.1#



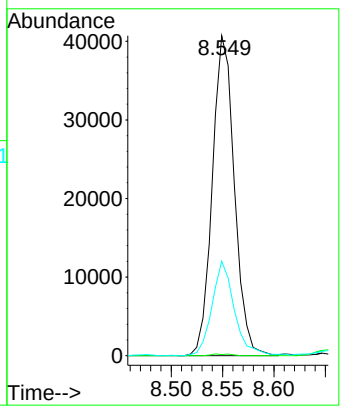


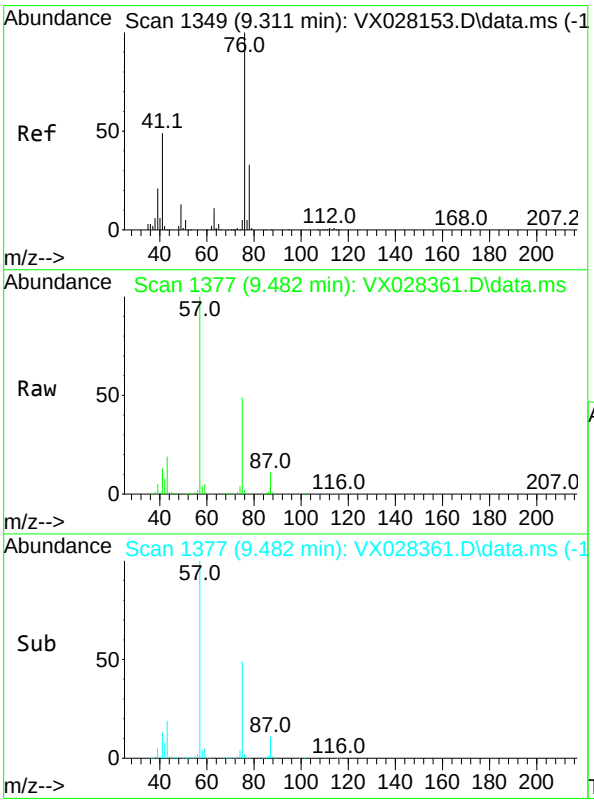
#54
cis-1,3-Dichloropropene
Concen: 6.991 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion: 75 Resp: 60717

Ion	Ratio	Lower	Upper
75	100		
77	0.3	24.8	37.2#
39	29.5	29.6	44.4#

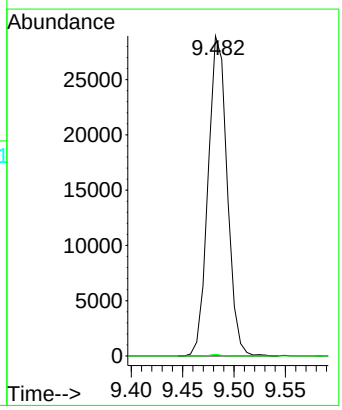


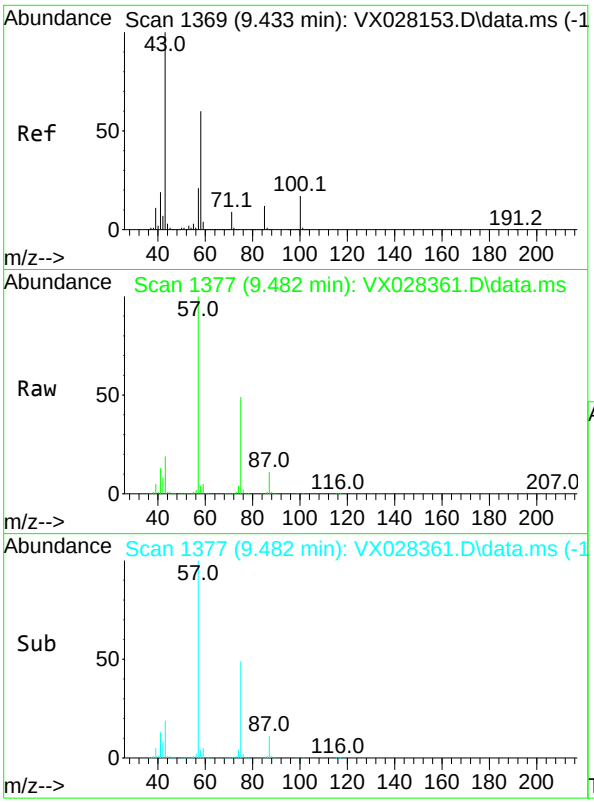


#57
1,3-Dichloropropane
Concen: 3.974 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion: 76 Resp: 37334

Ion	Ratio	Lower	Upper
76	100		
78	0.3	25.8	38.8#



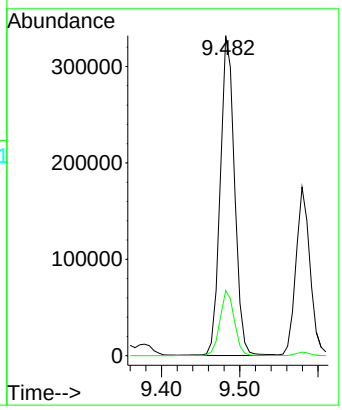


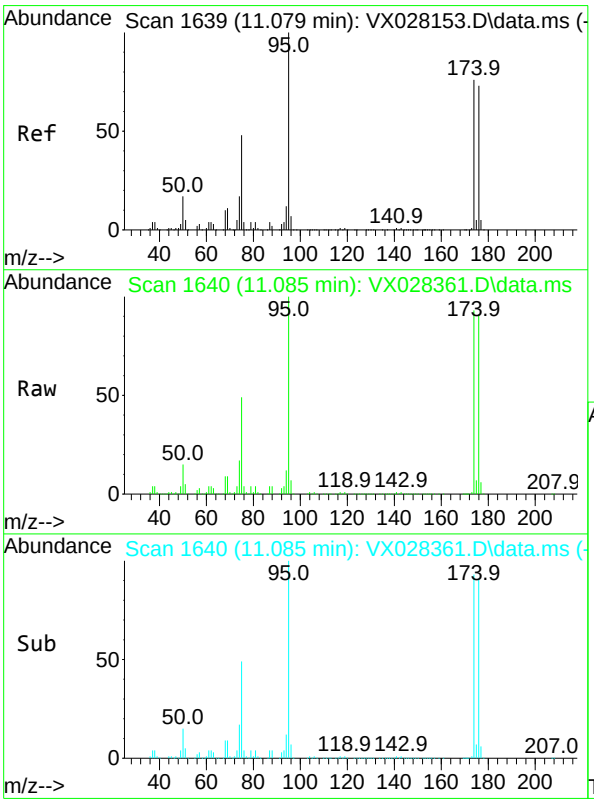
#59
2-Hexanone
Concen: 73.074 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.049 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion: 43 Resp: 422585

Ion	Ratio	Lower	Upper
43	100		
58	20.6	31.9	95.7#

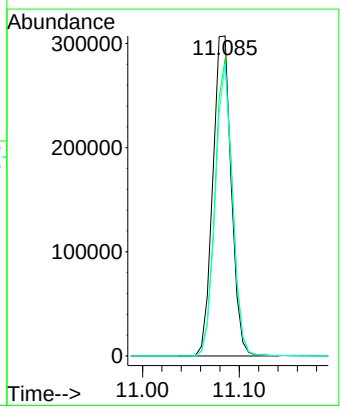


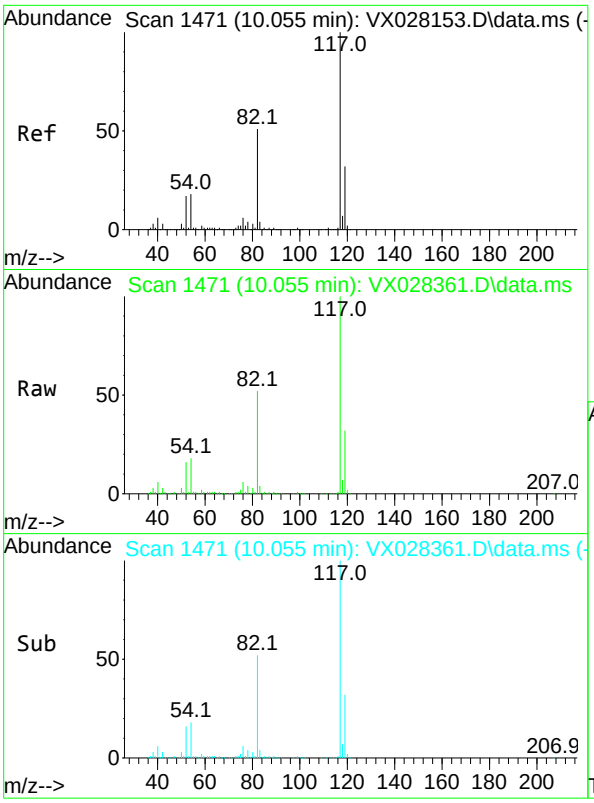


#62
4-Bromofluorobenzene
Concen: 51.138 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion: 95 Resp: 405591

Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	163.0
176	85.1	0.0	155.0



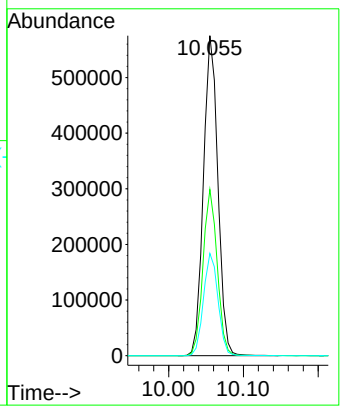


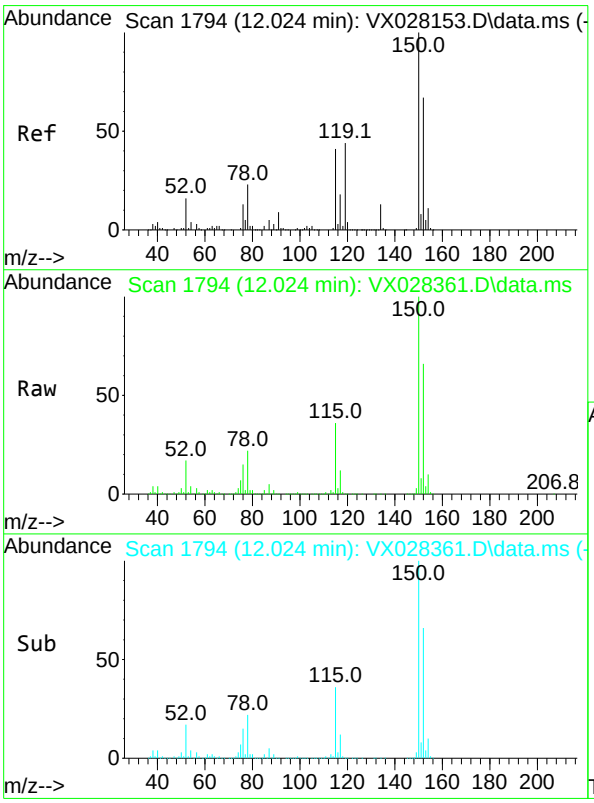
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion:117 Resp: 771482

Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.8	62.8
119	31.9	24.8	37.2

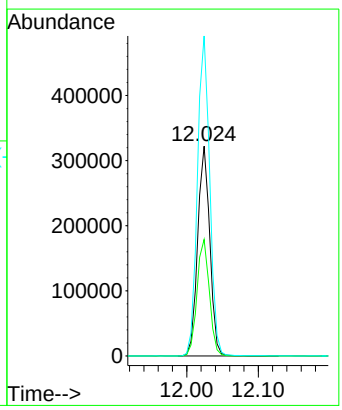


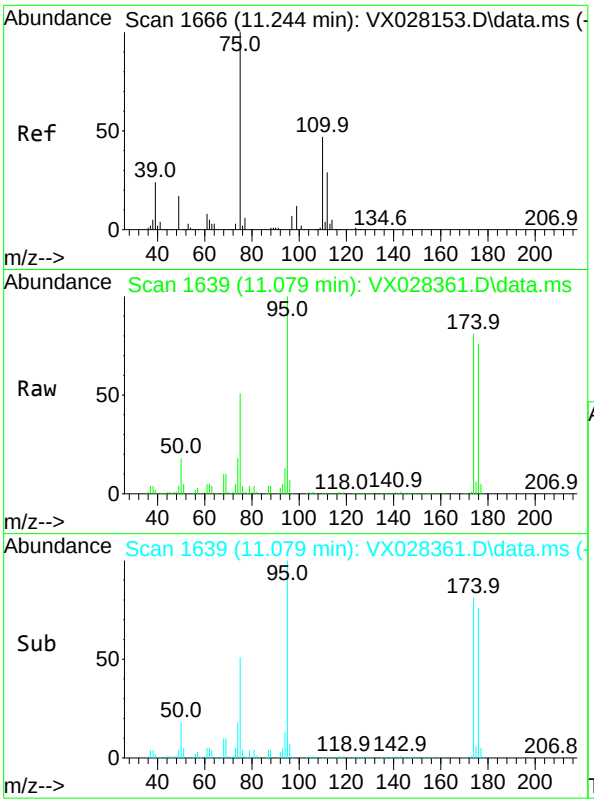


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion:152 Resp: 379189

Ion	Ratio	Lower	Upper
152	100		
115	56.6	37.5	112.7
150	154.8	0.0	338.2



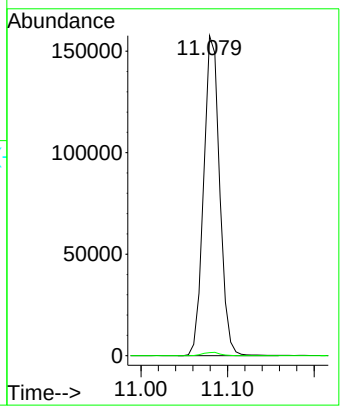


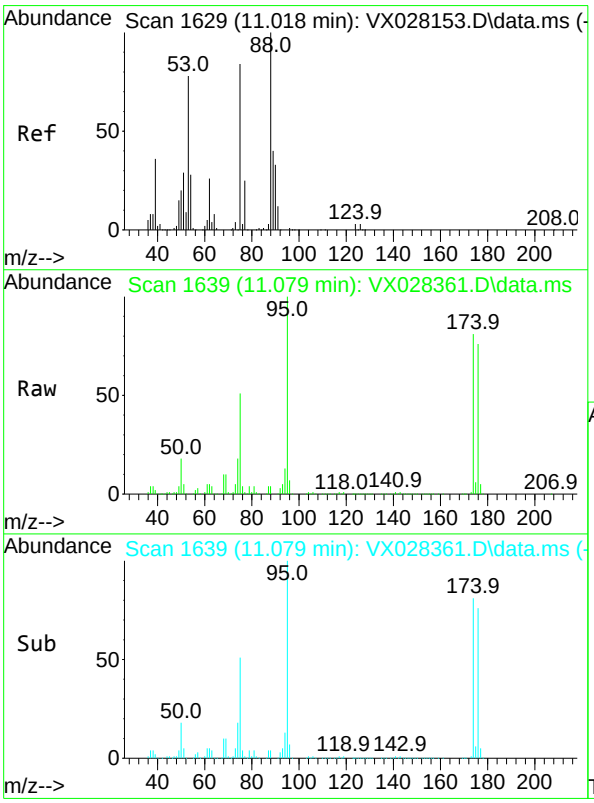
#76
1,2,3-Trichloropropane
Concen: 27.097 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.165 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion: 75 Resp: 202219

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.4	58.2#

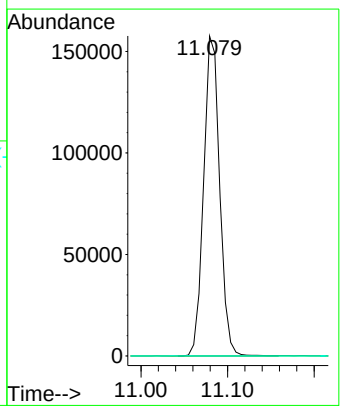


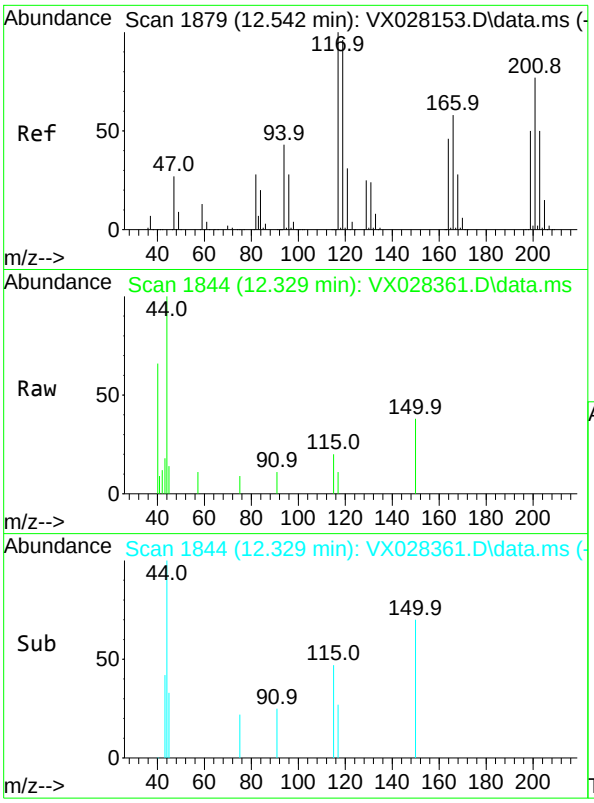


#81
trans-1,4-Dichloro-2-butene
Concen: 80.526 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Tgt Ion: 75 Resp: 202219

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.0	103.4#
89	0.0	37.0	55.6#





#90
Hexachloroethane
Concen: 1.829 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.213 min
Lab File: VX028361.D
Acq: 26 Apr 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
MH-10S

Tgt Ion:117 Resp: 66

Ion	Ratio	Lower	Upper
117	100		
201	0.0	39.5	118.5#