Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100924\
Data File : VX043338.D
Acq On : 09 Oct 2024 14:45
Operator : JC/MD
Sample : PB163972ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Quant Time: Oct 10 01:32:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	82329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70180	52.196	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.400%			
35) Dibromofluoromethane	5.385	113	49348	46.680	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.360%			
50) Toluene-d8	8.647	98	179235	48.924	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.840%			
62) 4-Bromofluorobenzene	11.079	95	62585	47.023	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.040%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	86	0.213	ug/l #	2
11) Tert butyl alcohol	3.001	59	755	2.951	ug/l #	78
16) Acetone	2.392	43	14030	24.987	ug/l	94
18) Methyl Acetate	2.715	43	3387	2.405	ug/l	96
20) Methylene Chloride	2.782	84	3465	3.347	ug/l	93
23) Vinyl Acetate	3.739	43	19	6.344	ug/l #	71
25) 2-Butanone	4.580	43	5819	7.558	ug/l	92
29) Tetrahydrofuran	5.038	42	274	0.559	ug/l #	63
31) Cyclohexane	5.544	56	2143	1.477	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	7090	5.309	ug/l #	49
37) Ethyl Acetate	4.751	43	1911	1.192	ug/l #	72
38) Carbon Tetrachloride	5.544	117	8969	5.673	ug/l #	17
41) Methacrylonitrile	5.044	41	277	0.332	ug/l #	36
43) Isopropyl Acetate	6.342	43	86800	32.767	ug/l	99
48) Methyl methacrylate	7.616	41	2569	1.976	ug/l #	13
49) 1,4-Dioxane	7.805	88	50	1.979	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	67166	41.747	ug/l #	50
52) Toluene	8.720	92	734	0.289	ug/l	95
53) t-1,3-Dichloropropene	8.952	75	476	0.306	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	28992	17.377	ug/l #	59
56) Ethyl methacrylate	9.244	69	505	0.306	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3615	2.104	ug/l #	43
59) 2-Hexanone	9.482	43	54856	45.087	ug/l #	51
74) N-amyl acetate	10.781	43	712	0.345	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	35104	28.282	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	35104	73.296	ug/l #	8

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

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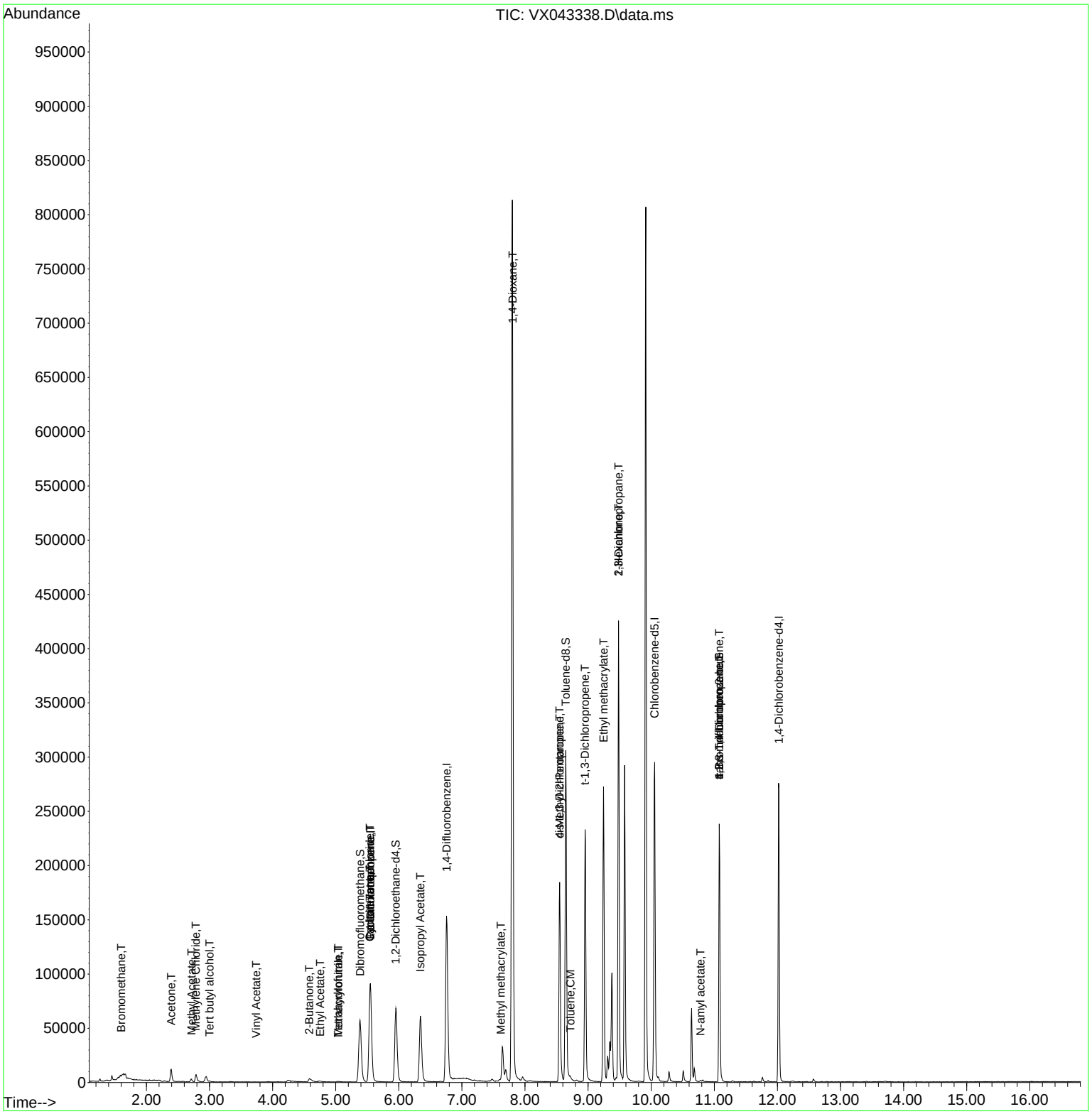
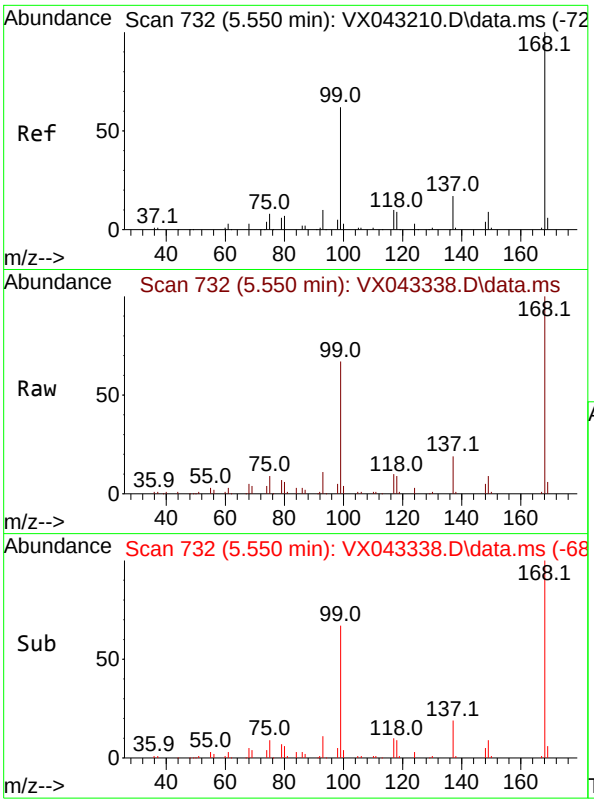
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Quant Time: Oct 10 01:32:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



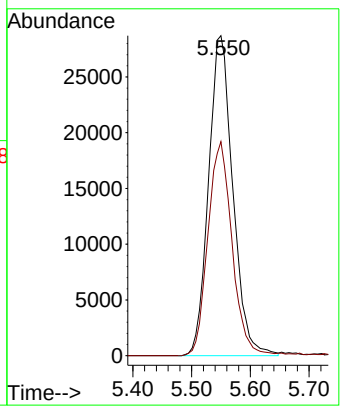


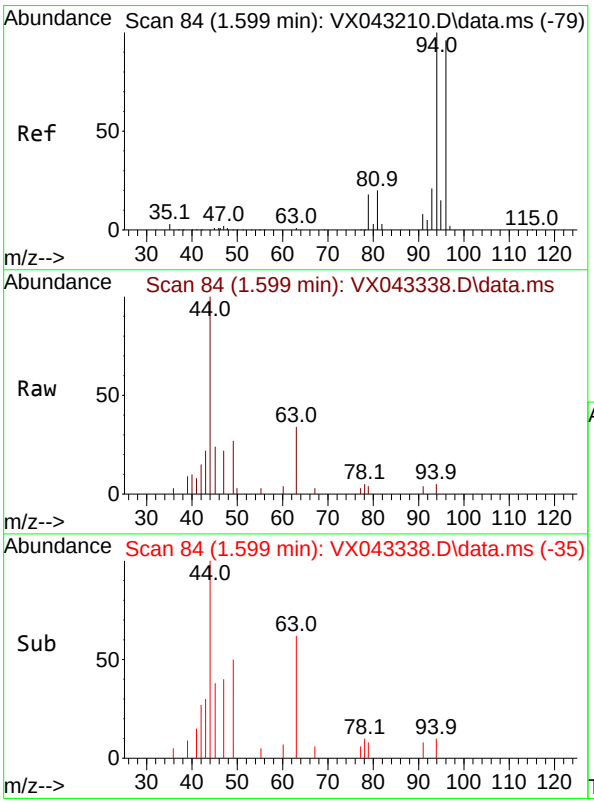
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion:168 Resp: 82329

Ion	Ratio	Lower	Upper
168	100		
99	66.9	49.7	74.5

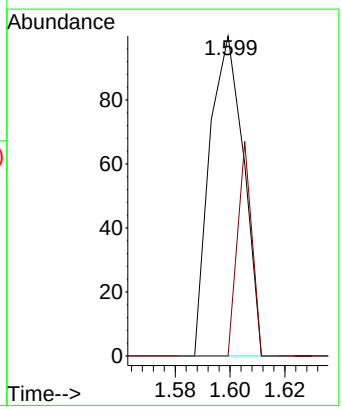


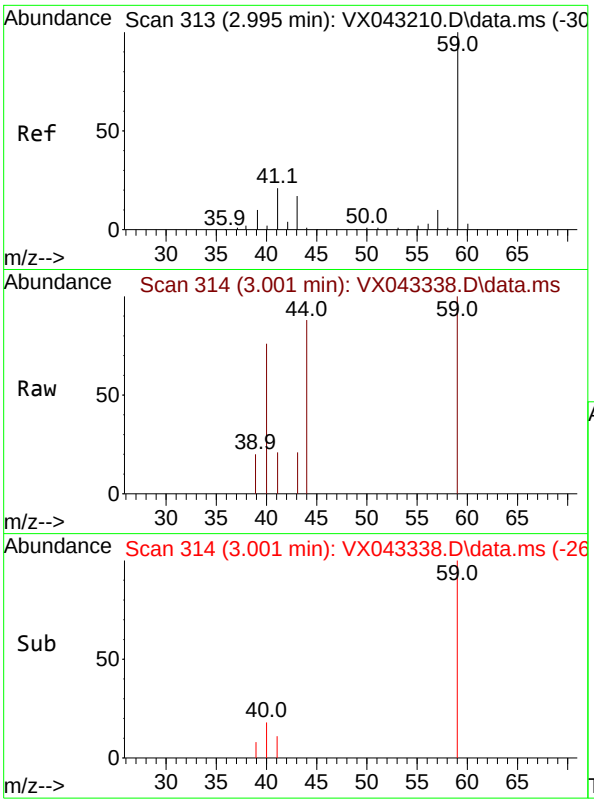


#5
Bromomethane
Concen: 0.213 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion: 94 Resp: 86

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	115.0#



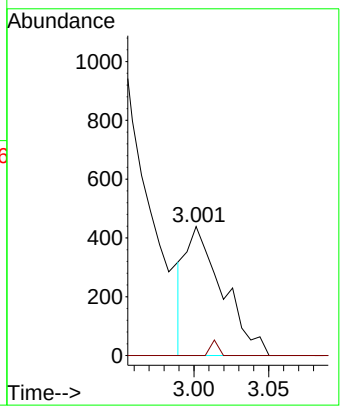


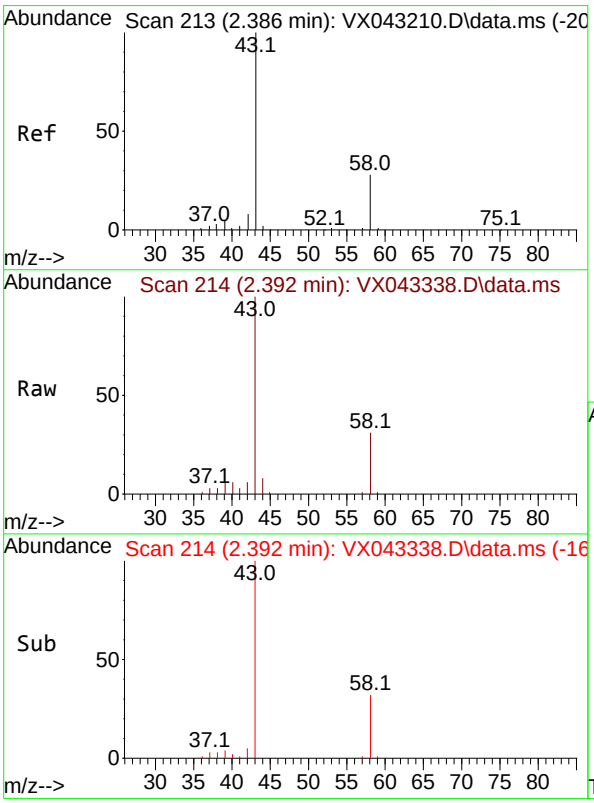
#11
Tert butyl alcohol
Concen: 2.951 ug/l
RT: 3.001 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion: 59 Resp: 755

Ion	Ratio	Lower	Upper
59	100		
57	2.5	8.6	13.0#

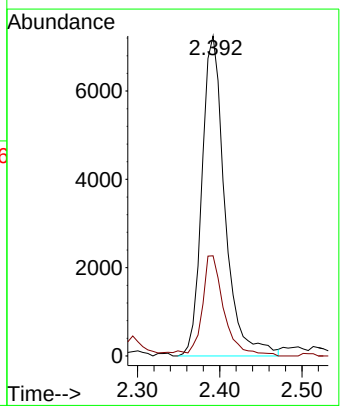


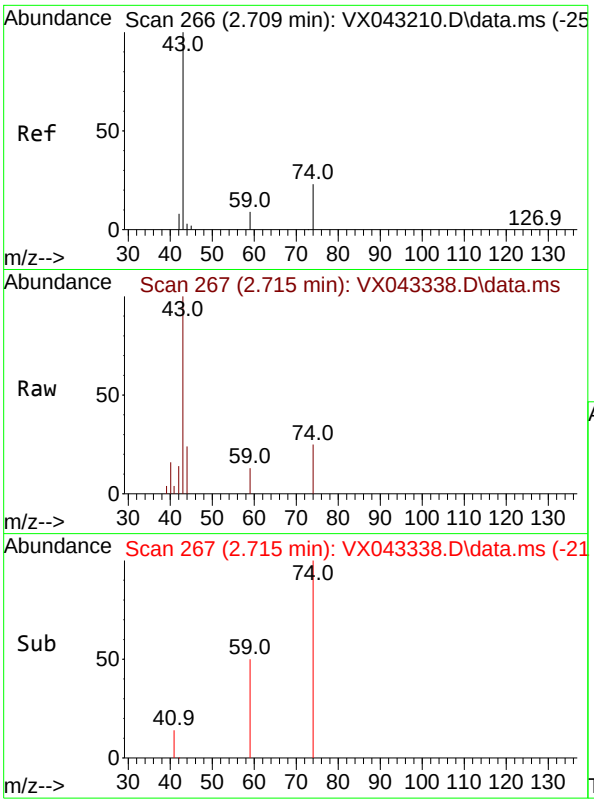


#16
Acetone
Concen: 24.987 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion: 43 Resp: 14030

Ion	Ratio	Lower	Upper
43	100		
58	31.3	22.6	33.8



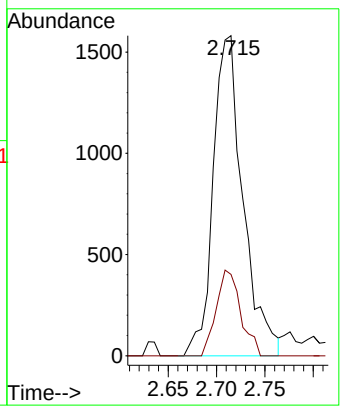


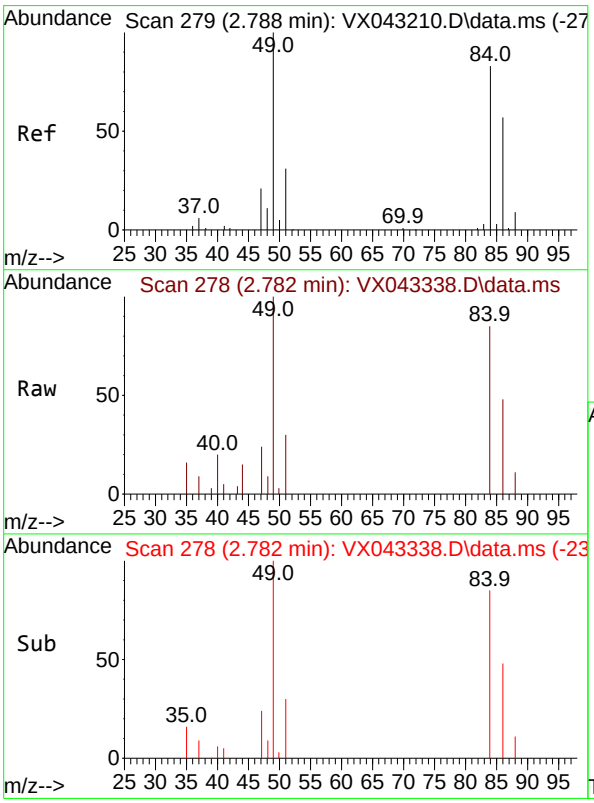
#18
Methyl Acetate
Concen: 2.405 ug/l
RT: 2.715 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion: 43 Resp: 3387

Ion	Ratio	Lower	Upper
43	100		
74	21.9	19.1	28.7

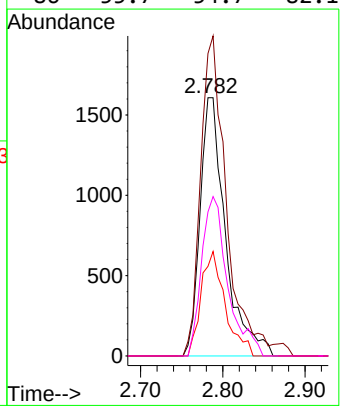


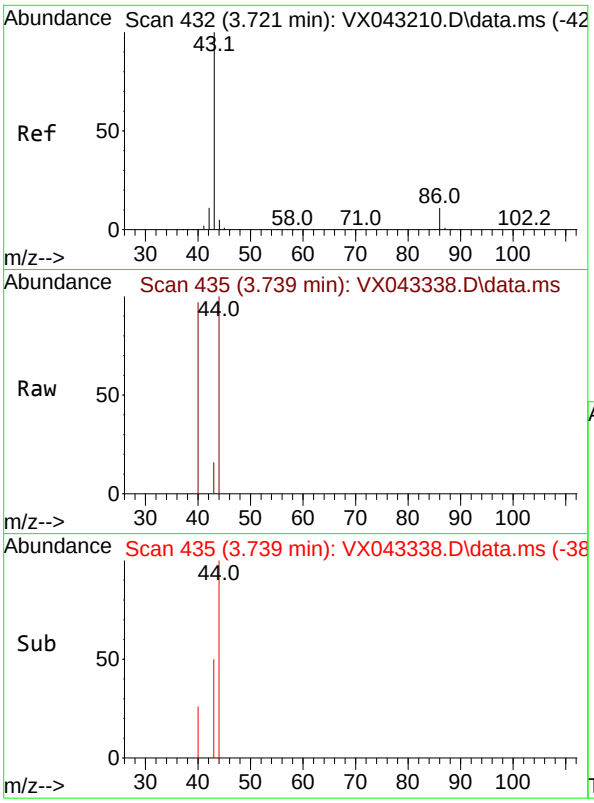


#20
Methylene Chloride
Concen: 3.347 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion: 84 Resp: 3465

Ion	Ratio	Lower	Upper
84	100		
49	117.0	96.7	145.1
51	34.7	30.4	45.6
86	55.7	54.7	82.1



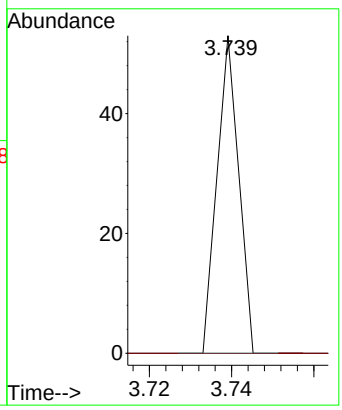


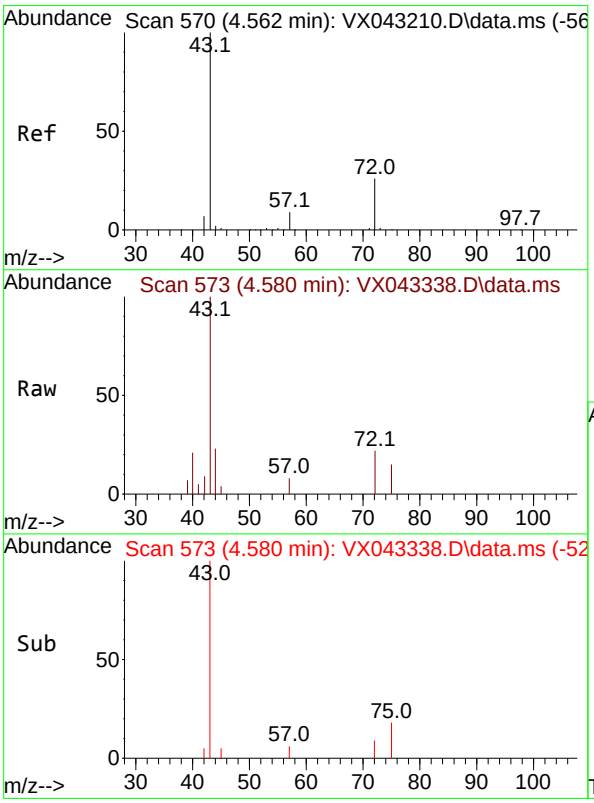
#23
Vinyl Acetate
Concen: 6.344 ug/l
RT: 3.739 min Scan# 4
Delta R.T. 0.018 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion: 43 Resp: 19

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#

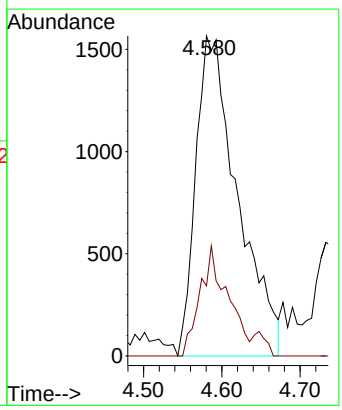


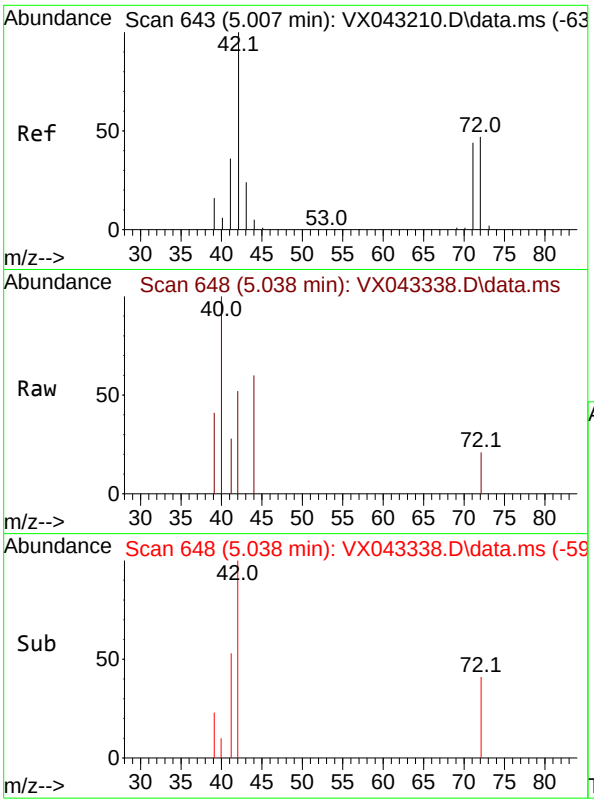


#25
2-Butanone
Concen: 7.558 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion: 43 Resp: 5819

Ion	Ratio	Lower	Upper
43	100		
72	21.9	20.6	31.0



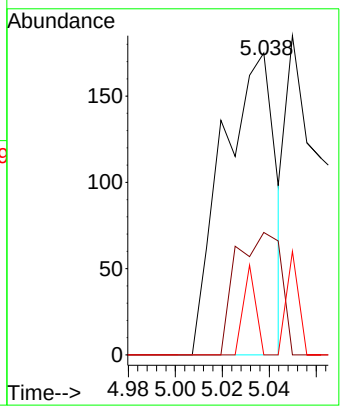


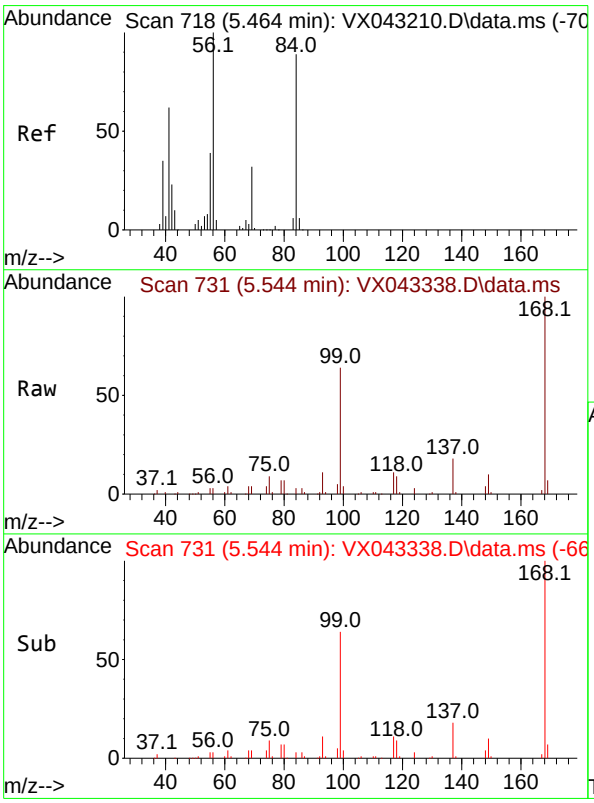
#29
Tetrahydrofuran
Concen: 0.559 ug/l
RT: 5.038 min Scan# 64
Delta R.T. 0.030 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion: 42 Resp: 274

Ion	Ratio	Lower	Upper
42	100		
72	34.3	37.7	56.5#
71	6.9	34.6	52.0#

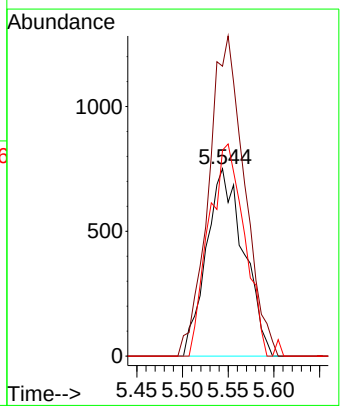


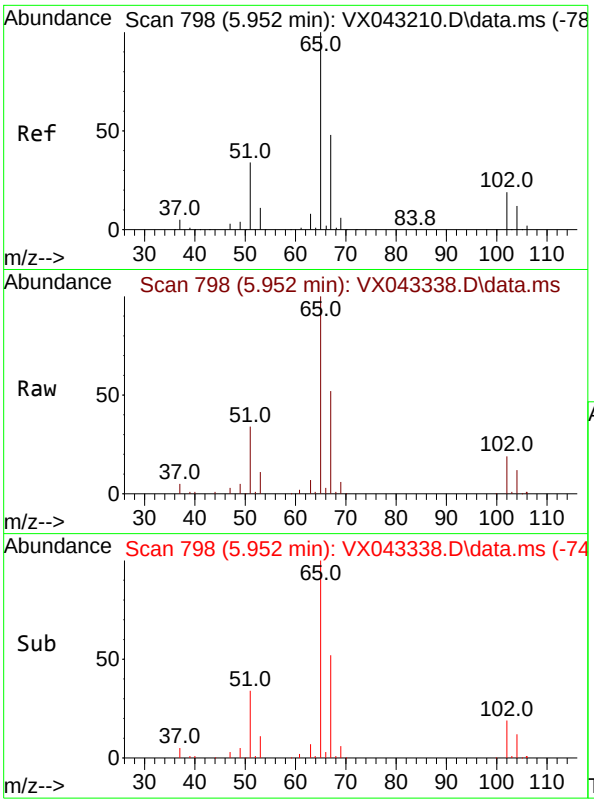


#31
Cyclohexane
Concen: 1.477 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion: 56 Resp: 2143

Ion	Ratio	Lower	Upper
56	100		
69	154.7	25.8	38.6#
84	109.9	71.1	106.7#



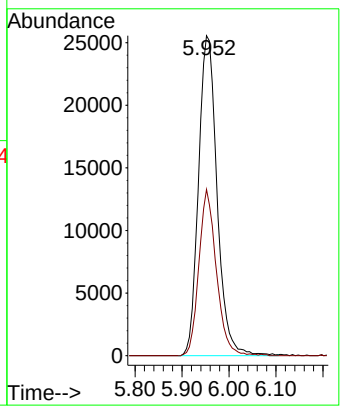


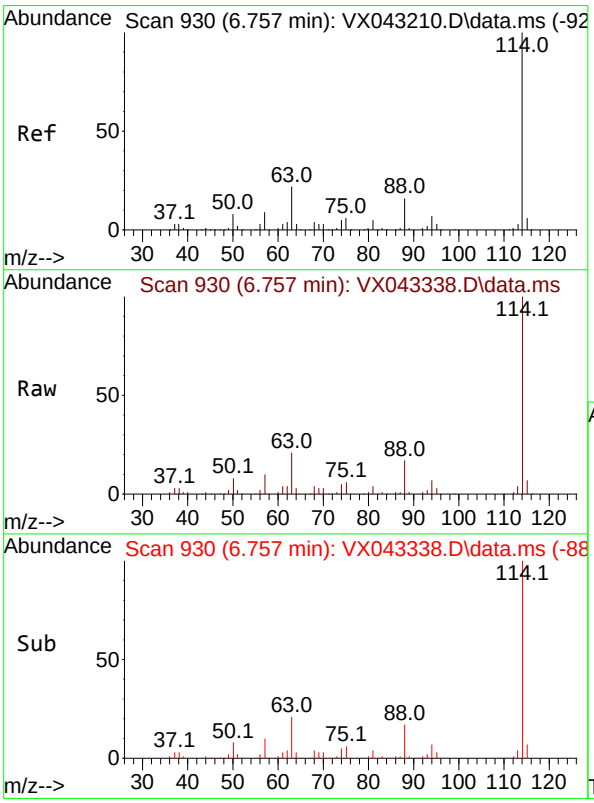
#33
1,2-Dichloroethane-d4
Concen: 52.196 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion: 65 Resp: 70180

Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	99.0

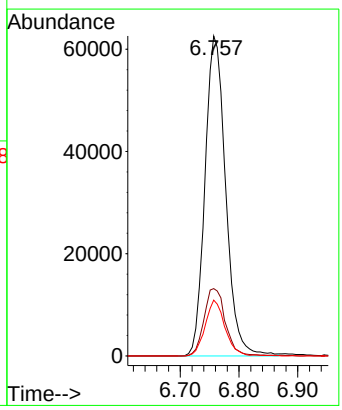


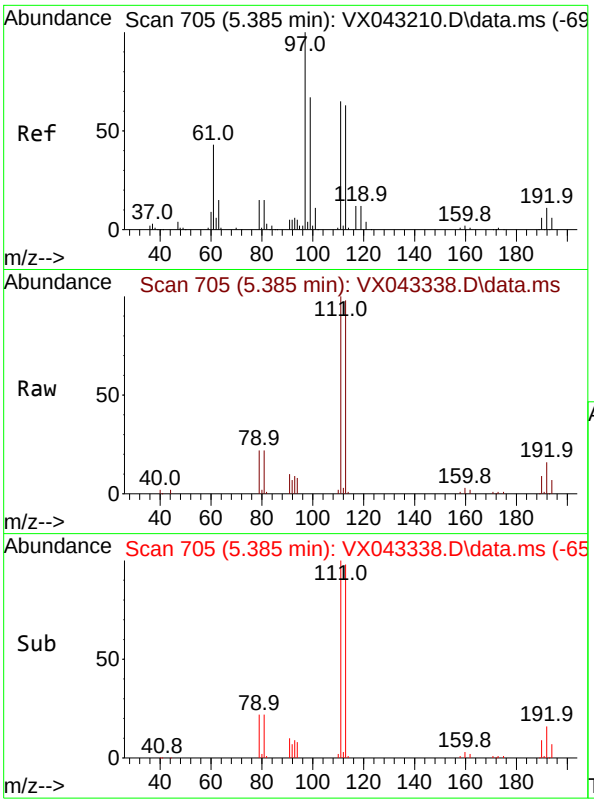


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion:114 Resp: 153291

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.0
88	17.4	0.0	33.0



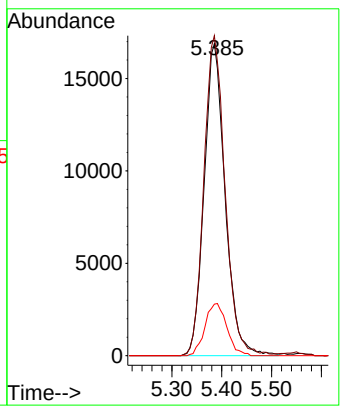


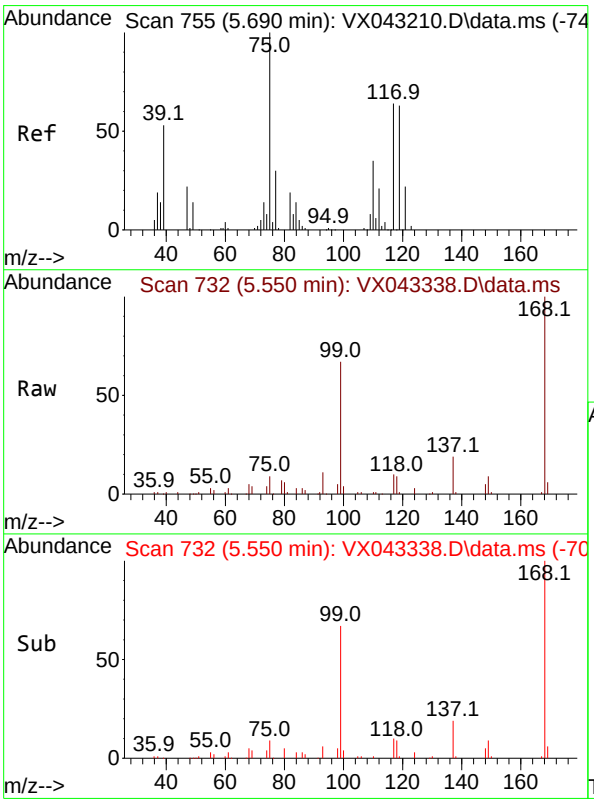
#35
Dibromofluoromethane
Concen: 46.680 ug/l
RT: 5.385 min Scan# 7(
Delta R.T. -0.000 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion:113 Resp: 49348

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.0
192	17.4	14.1	21.1

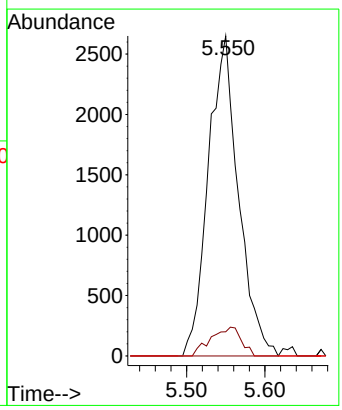


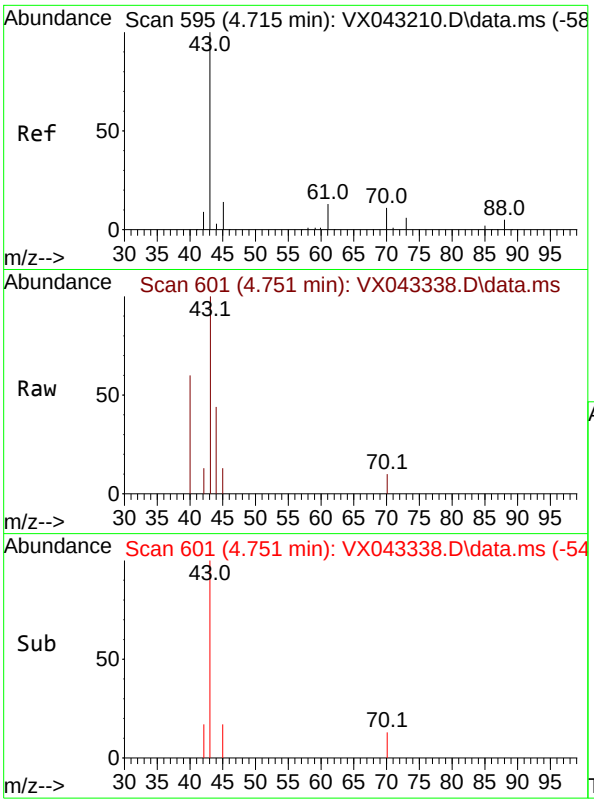


#36
1,1-Dichloropropene
Concen: 5.309 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion: 75 Resp: 7090

Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.8	53.3#
77	0.0	24.9	37.3#



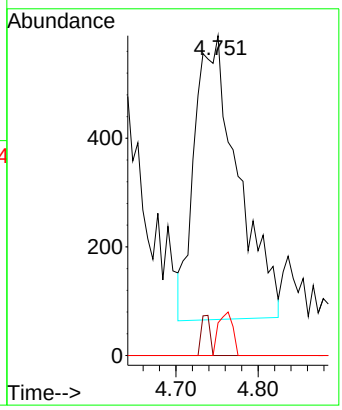


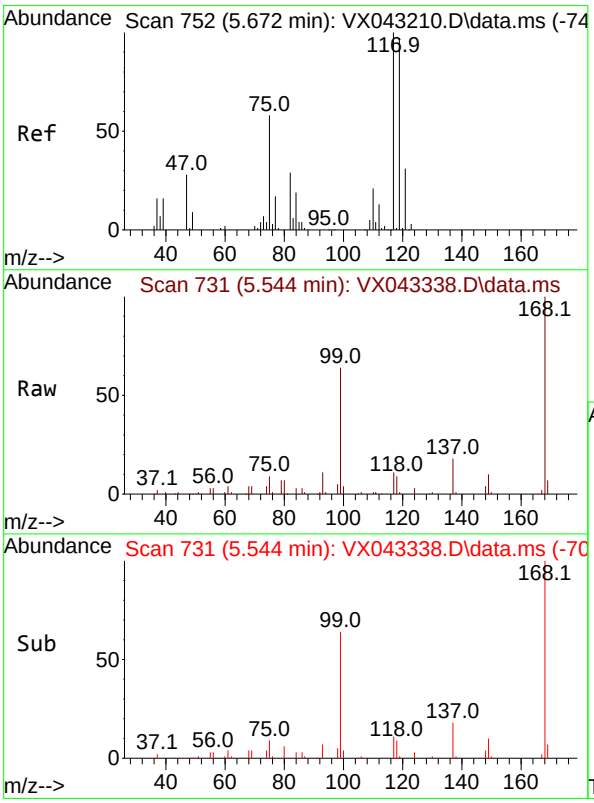
#37
Ethyl Acetate
Concen: 1.192 ug/l
RT: 4.751 min Scan# 6
Delta R.T. 0.037 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion: 43 Resp: 1911

Ion	Ratio	Lower	Upper
43	100		
61	2.8	11.0	16.4#
70	0.0	8.9	13.3#

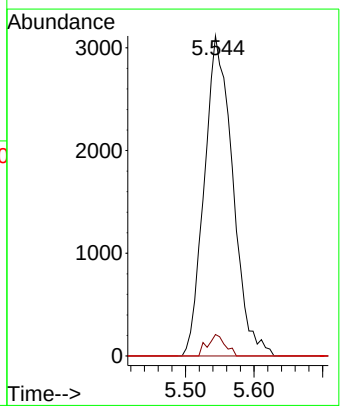


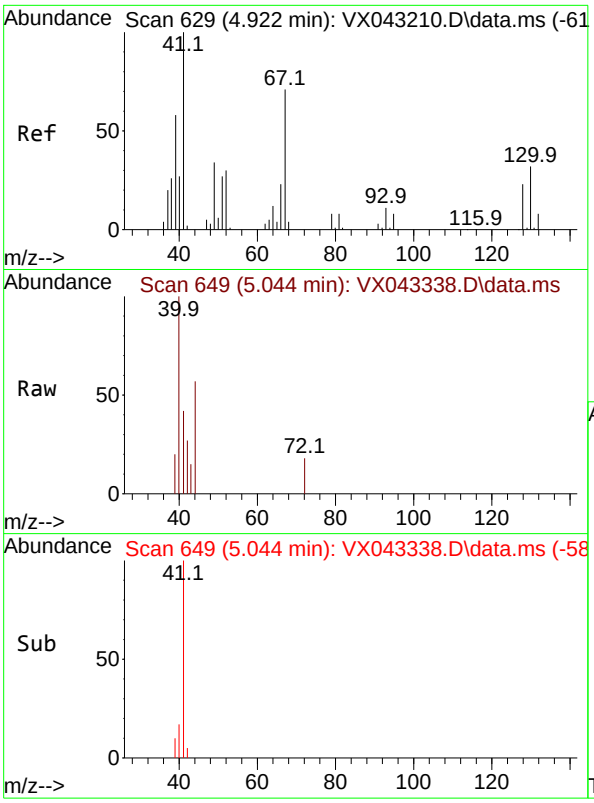


#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion:117 Resp: 8969

Ion	Ratio	Lower	Upper
117	100		
119	6.7	77.7	116.5#
121	0.0	24.3	36.5#



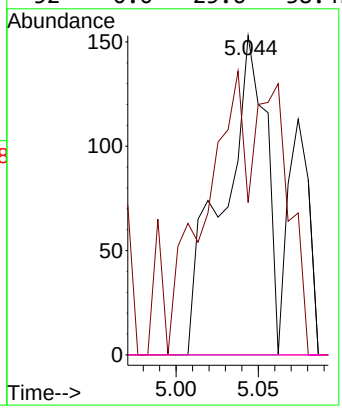


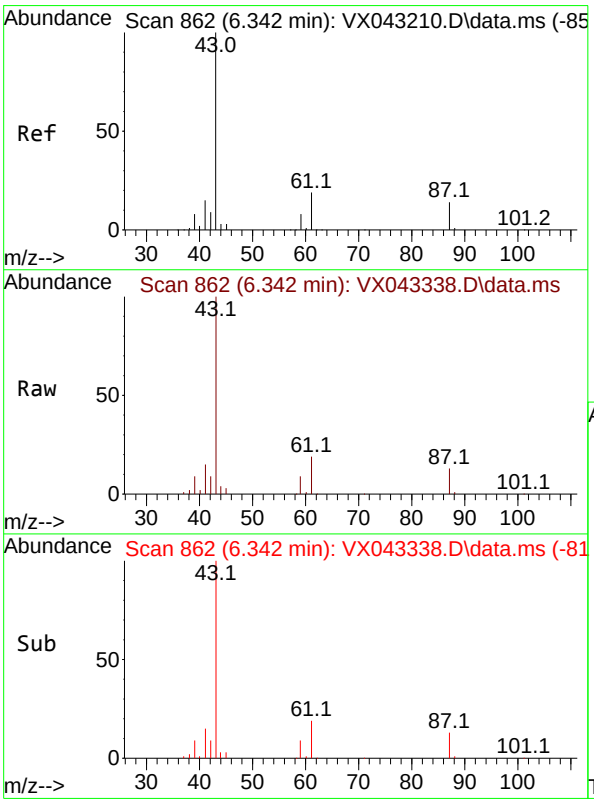
#41
Methacrylonitrile
Concen: 0.332 ug/l
RT: 5.044 min Scan# 64
Delta R.T. 0.122 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion: 41 Resp: 277

Ion	Ratio	Lower	Upper
41	100		
39	86.6	45.0	67.4#
67	0.0	56.0	84.0#
52	0.0	25.6	38.4#

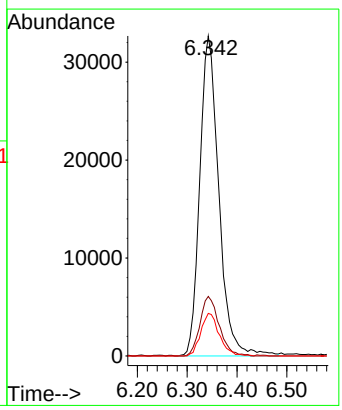


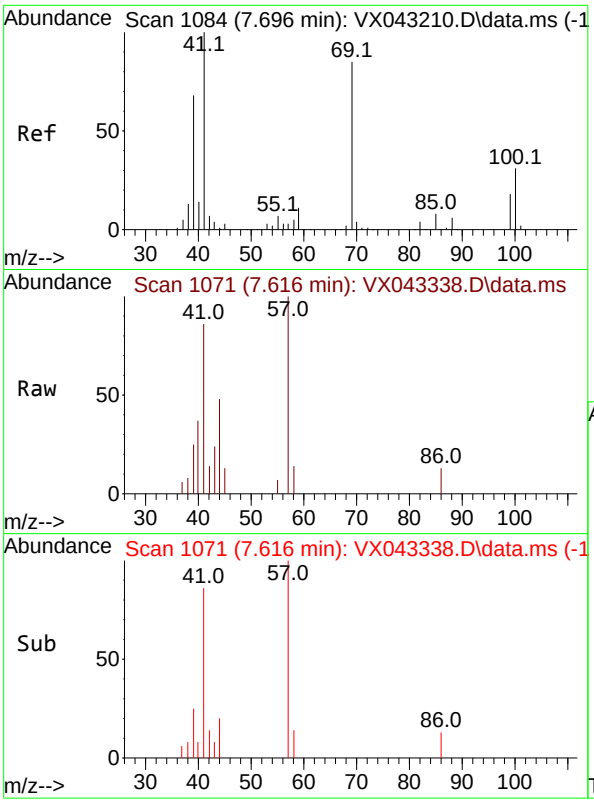


#43
Isopropyl Acetate
Concen: 32.767 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion: 43 Resp: 86800

Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.1	22.7
87	12.9	10.8	16.2



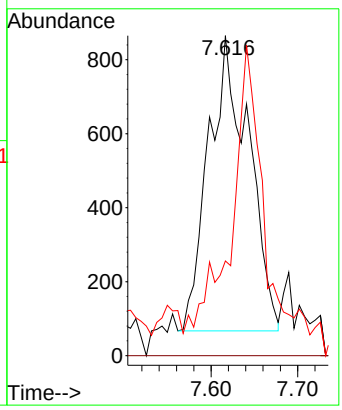


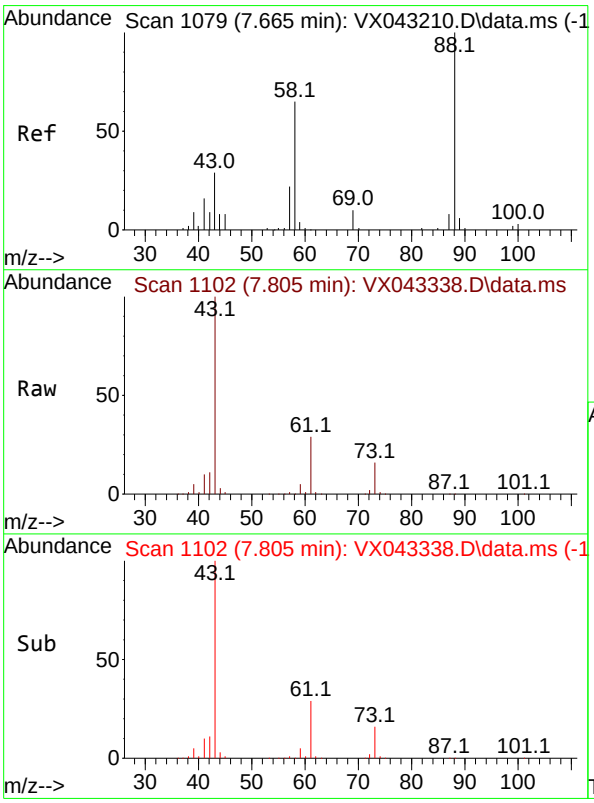
#48
Methyl methacrylate
Concen: 1.976 ug/l
RT: 7.616 min Scan# 1
Delta R.T. -0.079 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion: 41 Resp: 2569

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.1	96.1#
39	0.0	52.8	79.2#

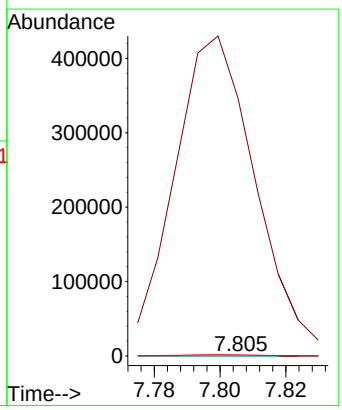


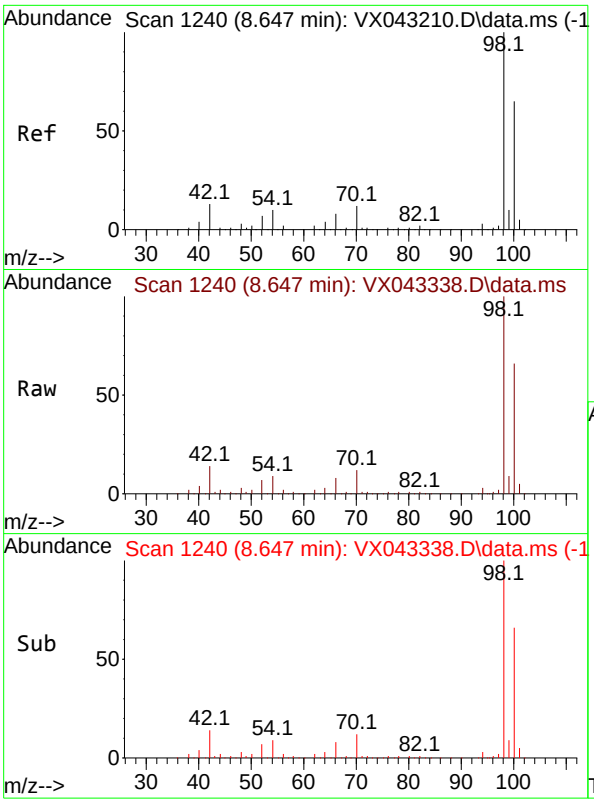


#49
1,4-Dioxane
Concen: 1.979 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.140 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion: 88 Resp: 50

Ion	Ratio	Lower	Upper
88	100		
43	1519728.0	29.5	44.3#
58	6290.0	55.2	82.8#



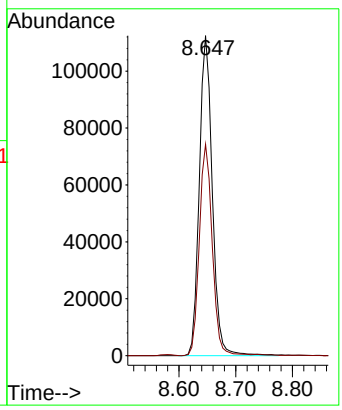


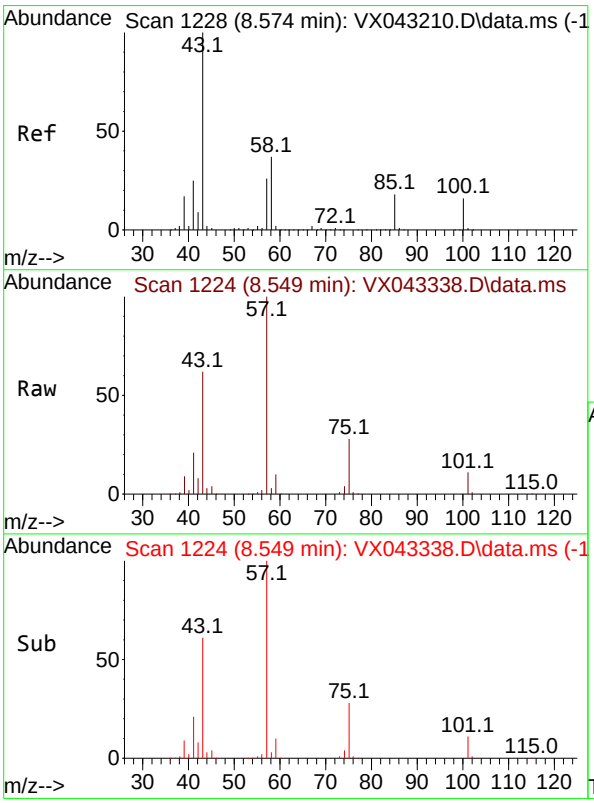
#50
Toluene-d8
Concen: 48.924 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion: 98 Resp: 179235

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6

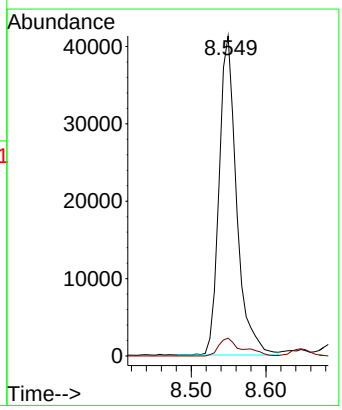


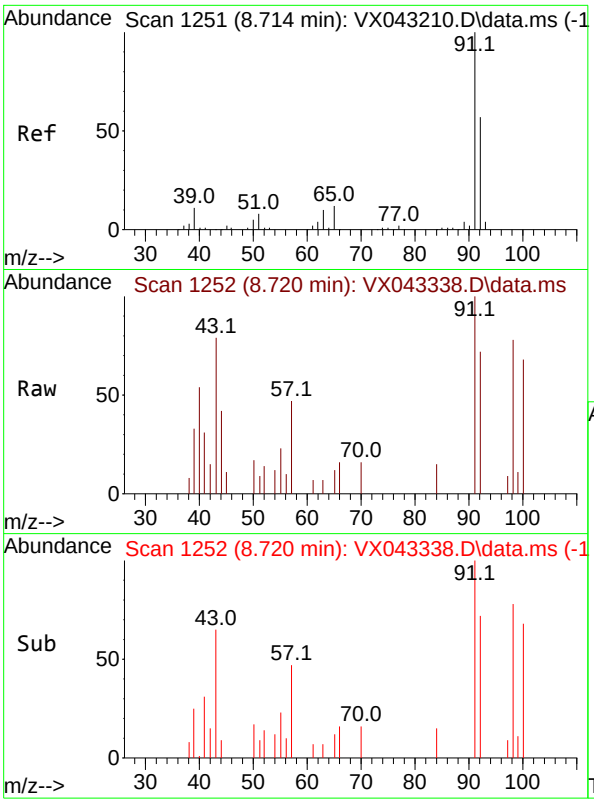


#51
4-Methyl-2-Pentanone
Concen: 41.747 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion: 43 Resp: 67166

Ion	Ratio	Lower	Upper
43	100		
58	7.4	30.0	45.0#



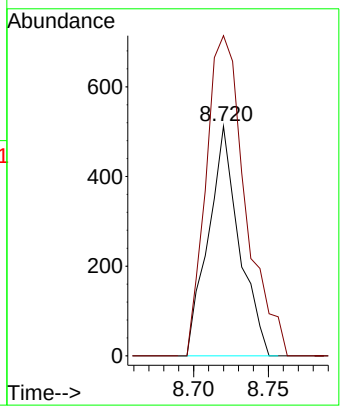


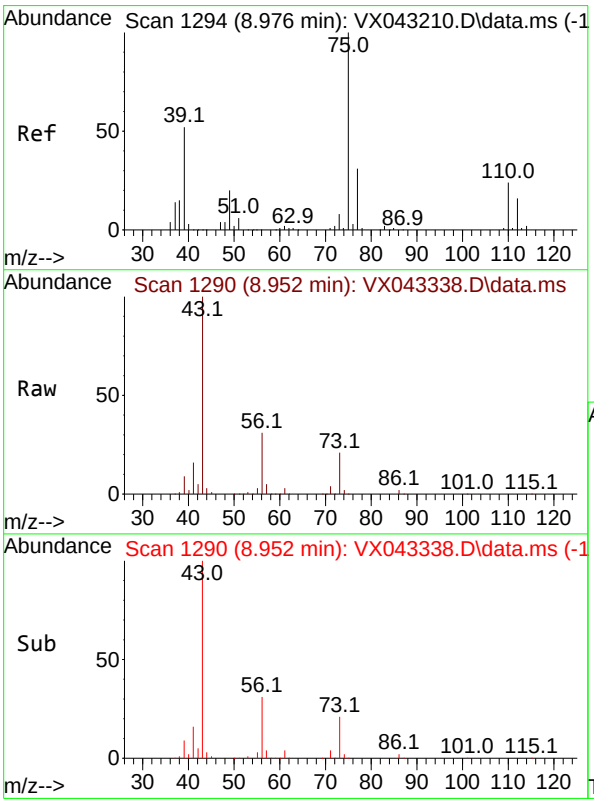
#52
Toluene
Concen: 0.289 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion: 92 Resp: 734

Ion	Ratio	Lower	Upper
92	100		
91	178.2	137.0	205.4

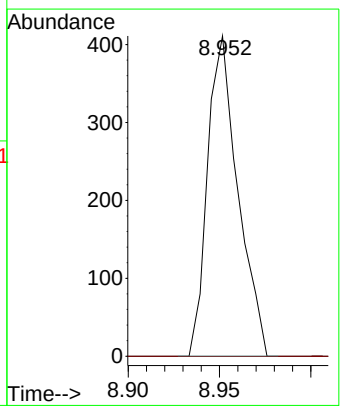


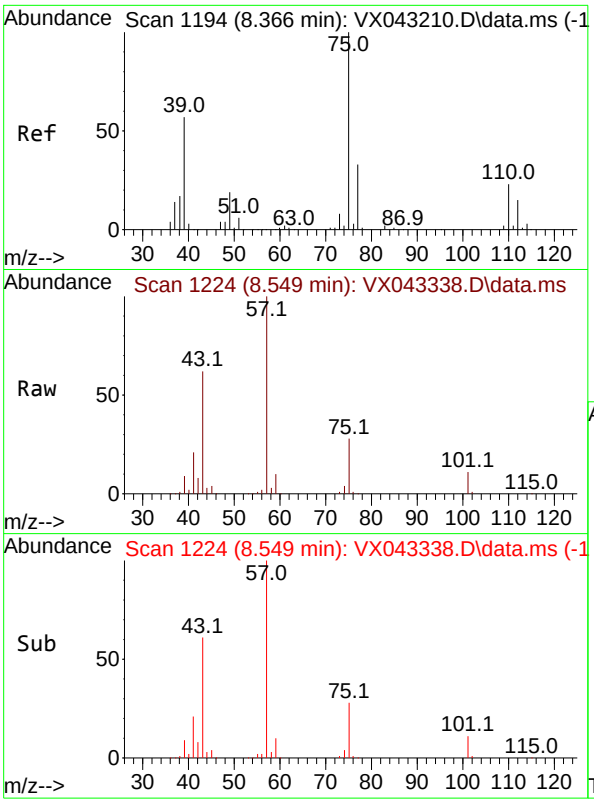


#53
t-1,3-Dichloropropene
Concen: 0.306 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion: 75 Resp: 476

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#



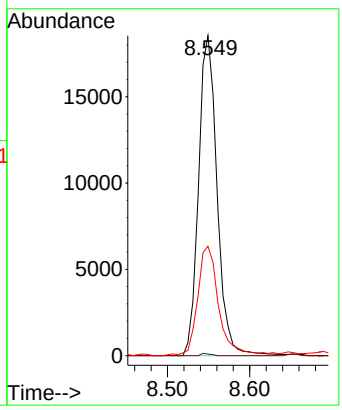


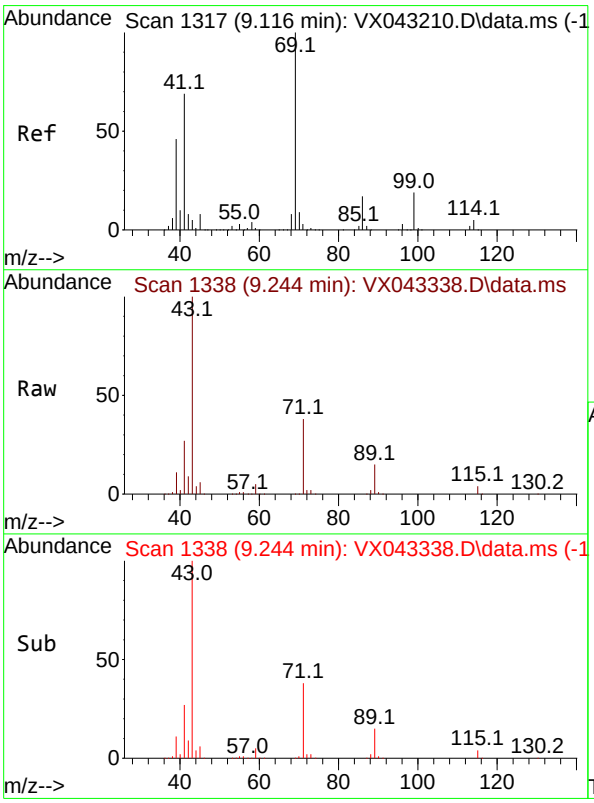
#54
cis-1,3-Dichloropropene
Concen: 17.377 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion: 75 Resp: 28992

Ion	Ratio	Lower	Upper
75	100		
77	0.5	26.0	39.0#
39	33.9	45.8	68.8#

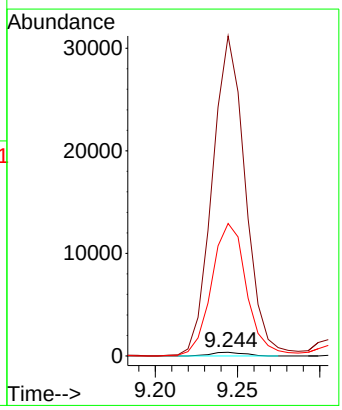


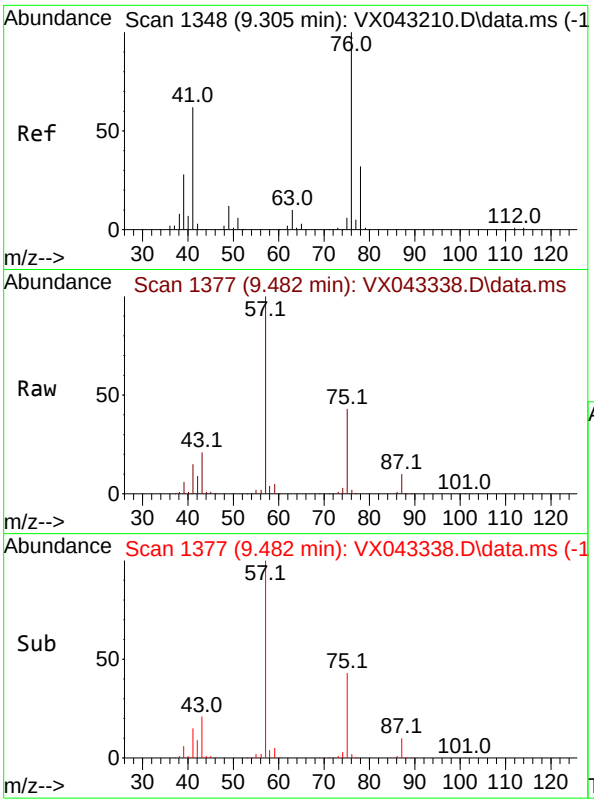


#56
Ethyl methacrylate
Concen: 0.306 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion: 69 Resp: 505

Ion	Ratio	Lower	Upper
69	100		
41	8681.4	56.1	84.1#
39	3817.6	36.4	54.6#



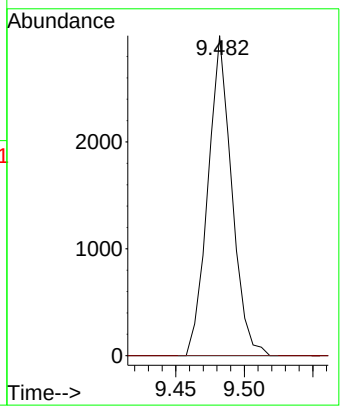


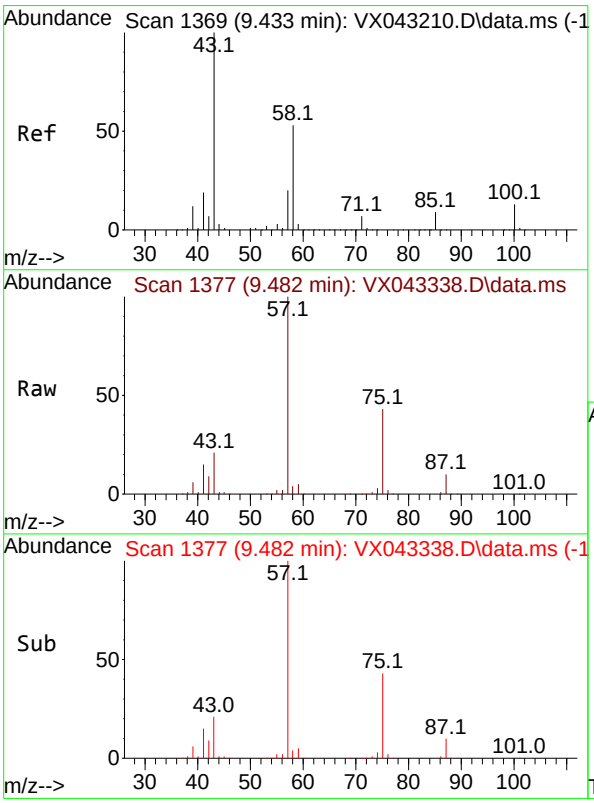
#57
1,3-Dichloropropane
Concen: 2.104 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.177 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion: 76 Resp: 3615

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

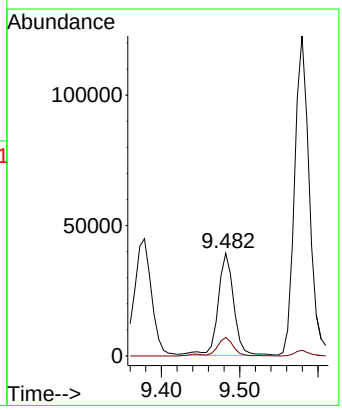


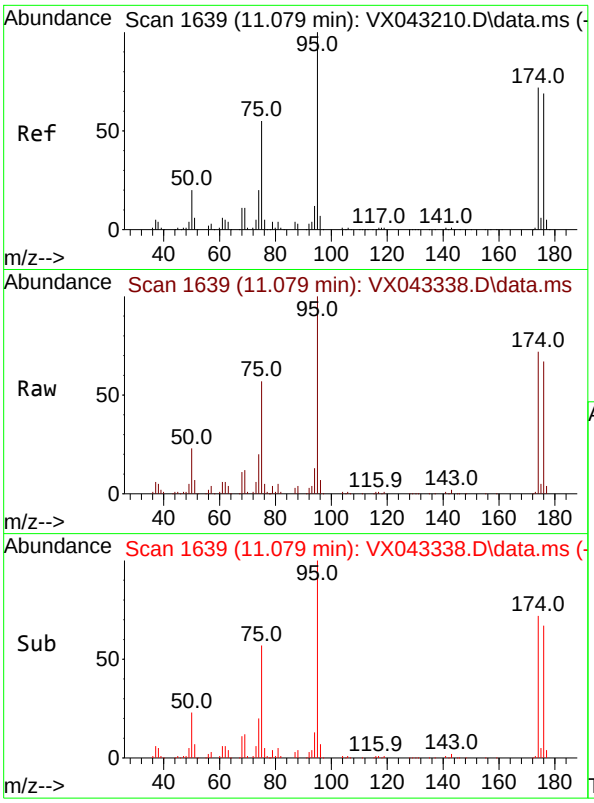


#59
2-Hexanone
Concen: 45.087 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion: 43 Resp: 54856

Ion	Ratio	Lower	Upper
43	100		
58	17.9	26.1	78.3#



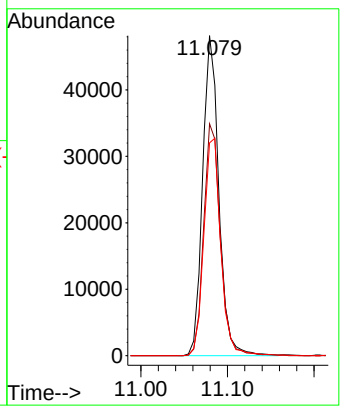


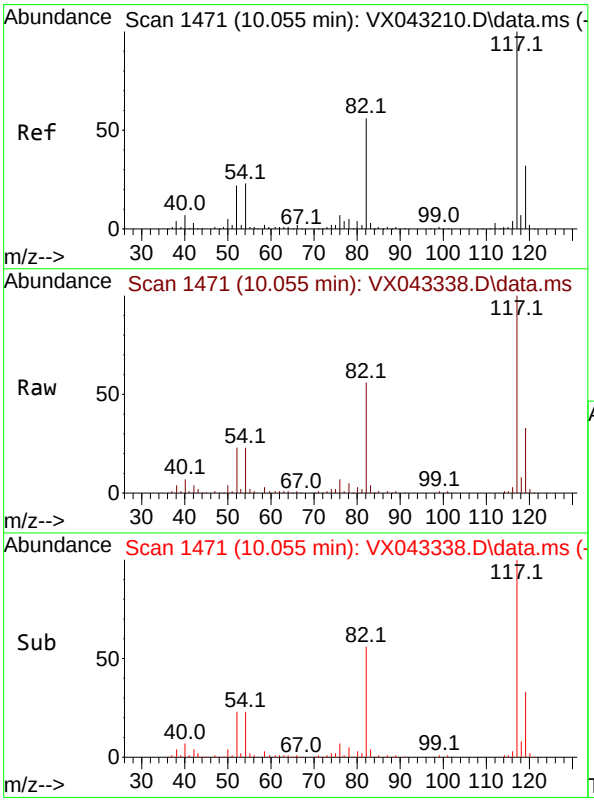
#62
4-Bromofluorobenzene
Concen: 47.023 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion: 95 Resp: 62585

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	145.0
176	71.2	0.0	143.0

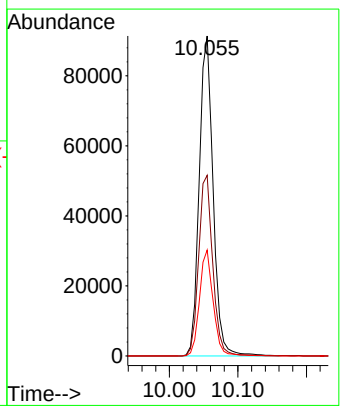


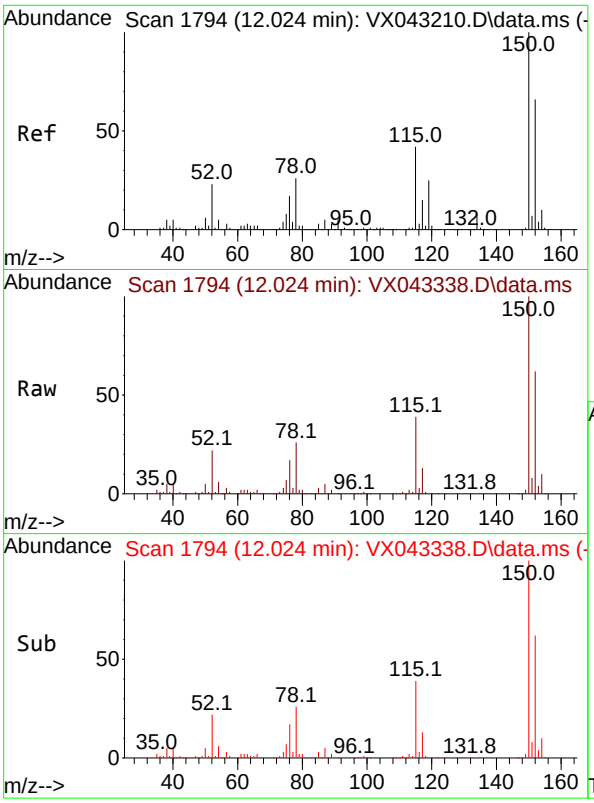


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion:117 Resp: 129225

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.0	67.6
119	33.1	25.3	37.9



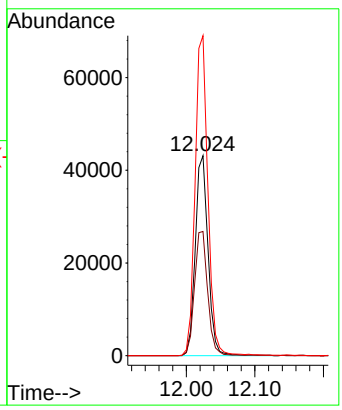


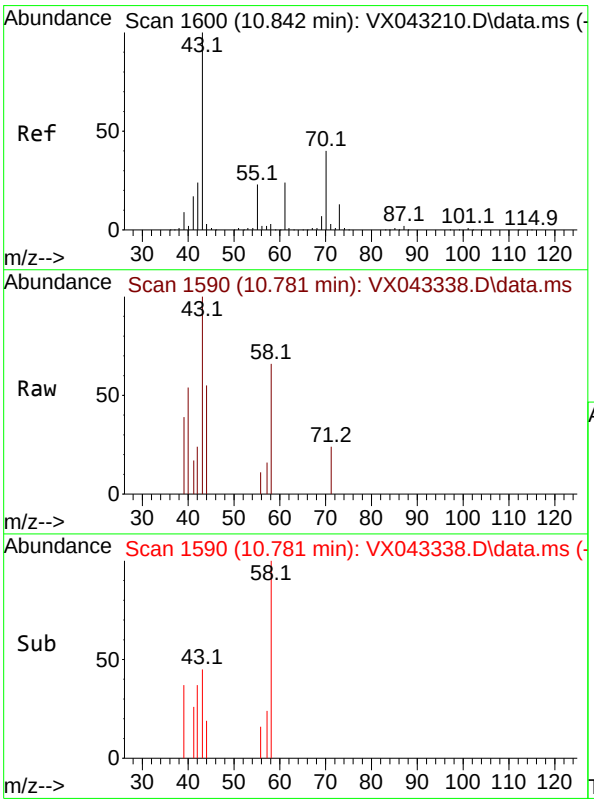
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion:152 Resp: 55959

Ion	Ratio	Lower	Upper
152	100		
115	64.1	44.1	132.3
150	160.9	0.0	347.4

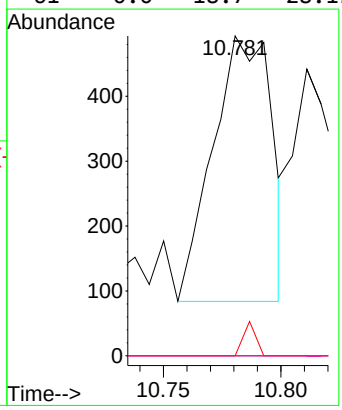


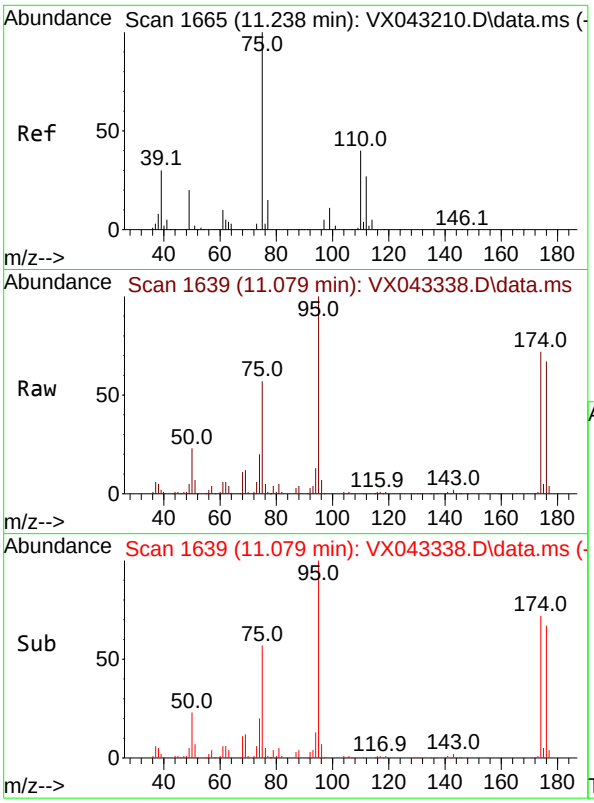


#74
N-amyl acetate
Concen: 0.345 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.061 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion: 43 Resp: 712

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.1	49.7#
55	0.0	18.6	27.8#
61	0.0	18.7	28.1#



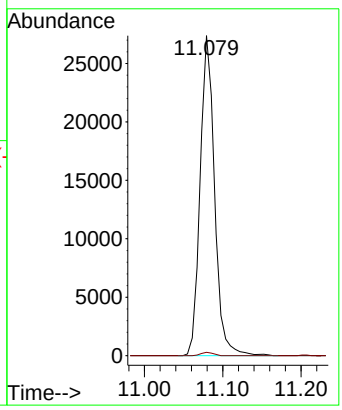


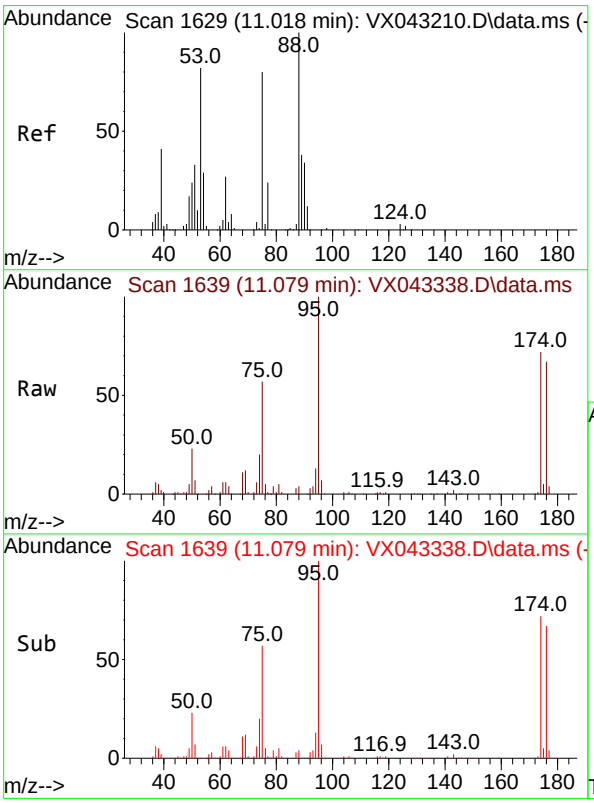
#76
1,2,3-Trichloropropane
Concen: 28.282 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#07

Tgt Ion: 75 Resp: 35104

Ion	Ratio	Lower	Upper
75	100		
77	0.9	22.0	66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043338.D
Acq: 09 Oct 2024 14:45

Tgt Ion: 75 Resp: 35104

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.9	125.9#
89	0.0	38.6	58.0#