Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100224\
Data File : VX043227.D
Acq On : 02 Oct 2024 13:29
Operator : JC/MD
Sample : PB163826ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Quant Time: Oct 02 23:02:10 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

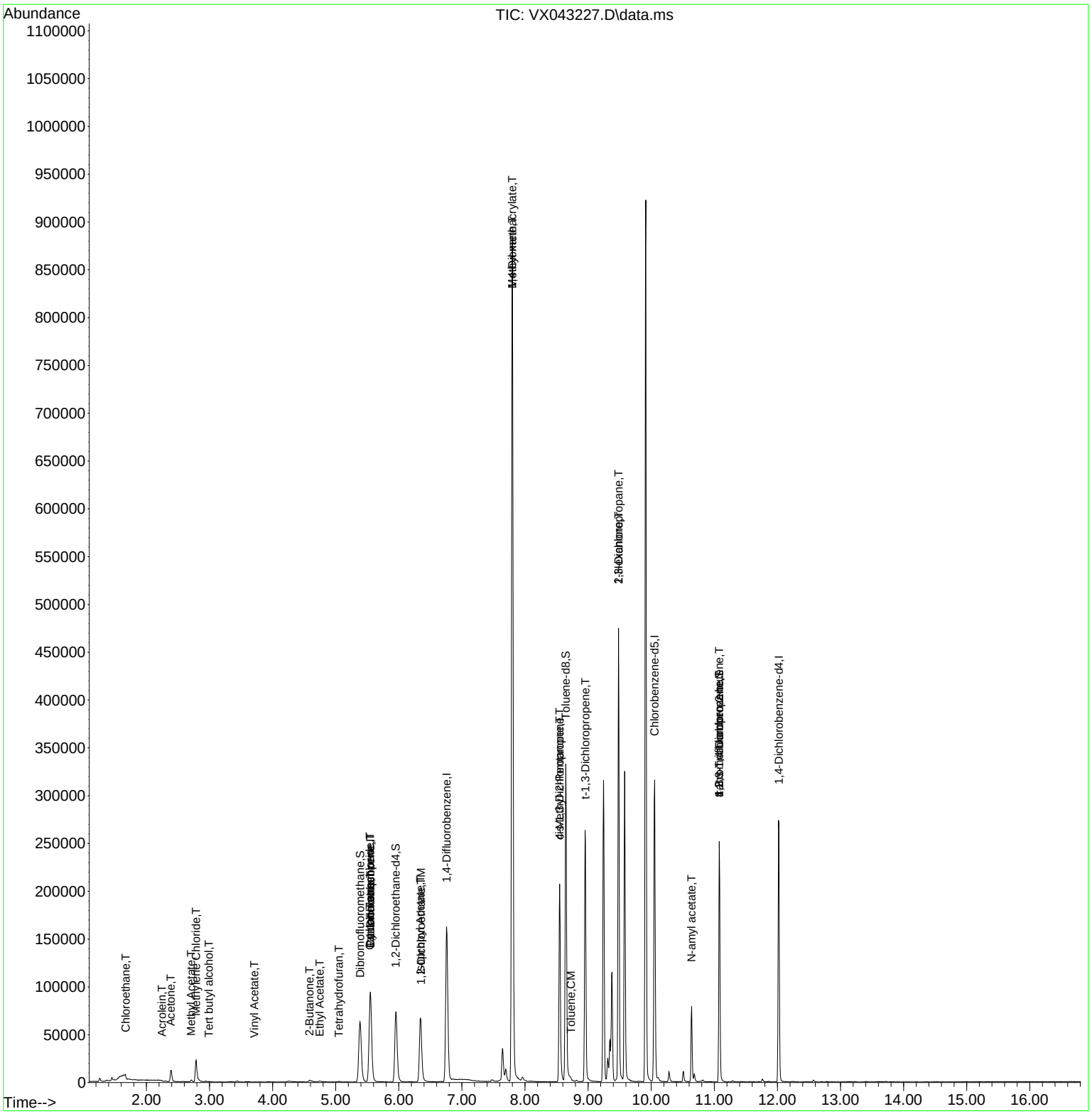
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	86810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164518	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75280	53.099	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.200%			
35) Dibromofluoromethane	5.385	113	55843	49.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.440%			
50) Toluene-d8	8.647	98	192066	48.849	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.700%			
62) 4-Bromofluorobenzene	11.079	95	65884	46.124	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.240%			
Target Compounds						Qvalue
6) Chloroethane	1.672	64	95	0.245	ug/l #	42
11) Tert butyl alcohol	2.989	59	553	2.050	ug/l #	91
13) Acrolein	2.245	56	102	0.400	ug/l #	14
16) Acetone	2.386	43	14830	25.048	ug/l	91
18) Methyl Acetate	2.709	43	2675	1.801	ug/l	97
20) Methylene Chloride	2.788	84	11985	10.979	ug/l	93
23) Vinyl Acetate	3.709	43	41	6.350	ug/l #	71
25) 2-Butanone	4.586	43	4314	5.314	ug/l	93
29) Tetrahydrofuran	5.050	42	594	1.149	ug/l #	58
31) Cyclohexane	5.550	56	2042	1.335	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	7299	5.092	ug/l #	49
37) Ethyl Acetate	4.745	43	2018	1.172	ug/l #	86
38) Carbon Tetrachloride	5.544	117	9400	5.540	ug/l #	15
42) 1,2-Dichloroethane	6.354	62	391	0.221	ug/l #	77
43) Isopropyl Acetate	6.342	43	97761	34.386	ug/l	99
48) Methyl methacrylate	7.799	41	82301	58.998	ug/l #	45
49) 1,4-Dioxane	7.799	88	103	3.798	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	75009	43.440	ug/l #	50
52) Toluene	8.726	92	670	0.246	ug/l	84
53) t-1,3-Dichloropropene	8.958	75	549	0.329	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	32715	18.270	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	4031	2.187	ug/l #	43
59) 2-Hexanone	9.482	43	59483	45.554	ug/l #	53
74) N-amyl acetate	10.640	43	20257	9.659	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	35930	28.507	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	35930	73.881	ug/l #	8

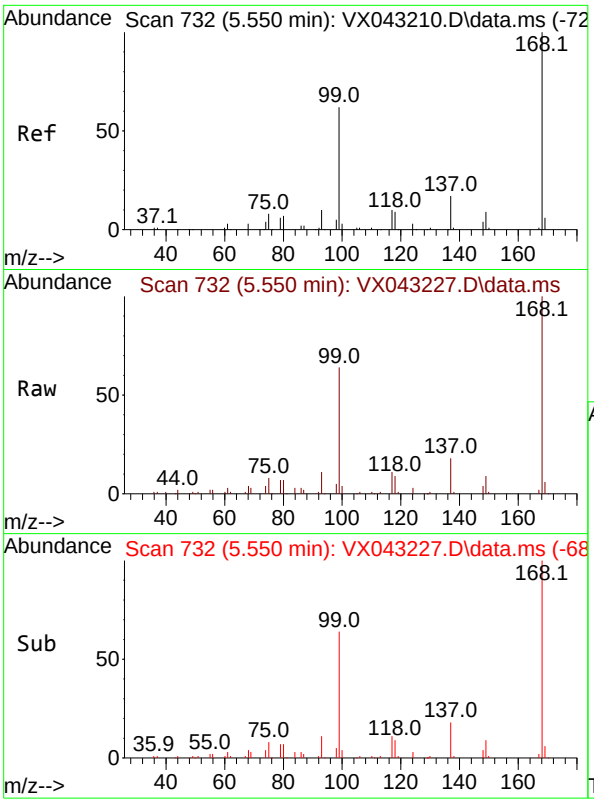
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100224\
Data File : VX043227.D
Acq On : 02 Oct 2024 13:29
Operator : JC/MD
Sample : PB163826ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Quant Time: Oct 02 23:02:10 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



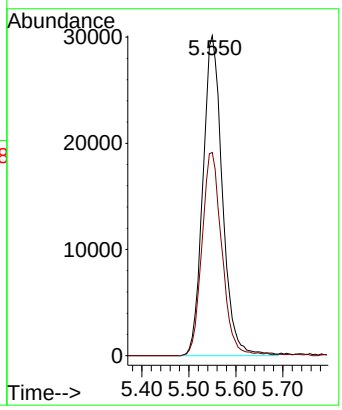


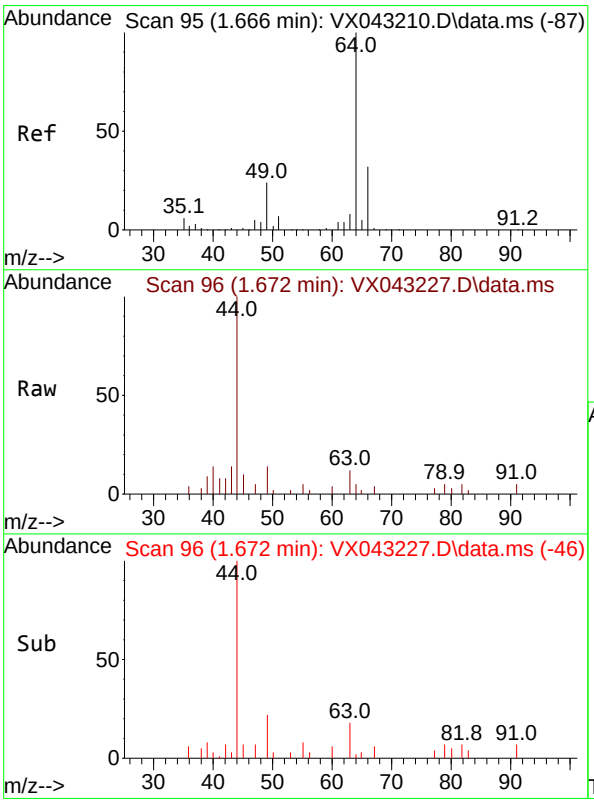
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion:168 Resp: 86810

Ion	Ratio	Lower	Upper
168	100		
99	63.5	49.7	74.5

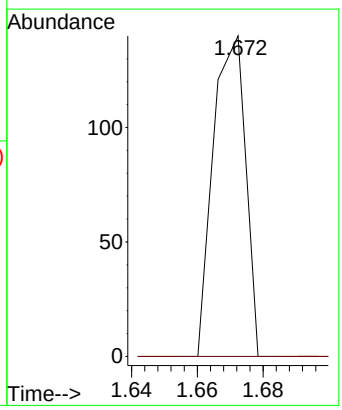


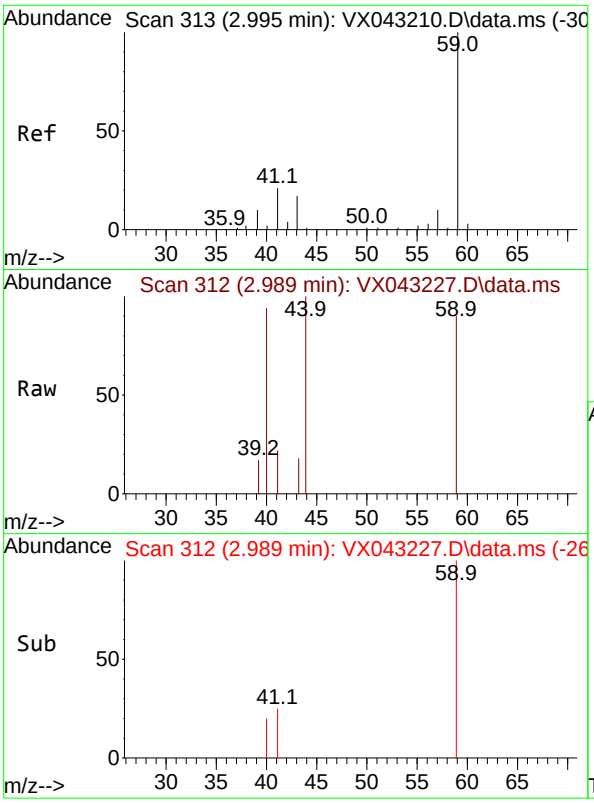


#6
Chloroethane
Concen: 0.245 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 64 Resp: 95

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.8#



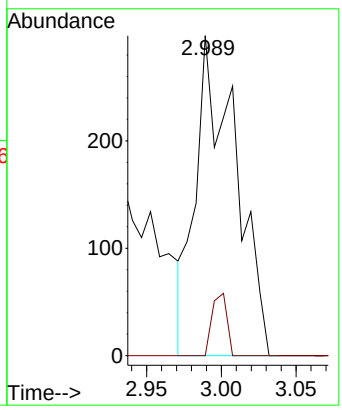


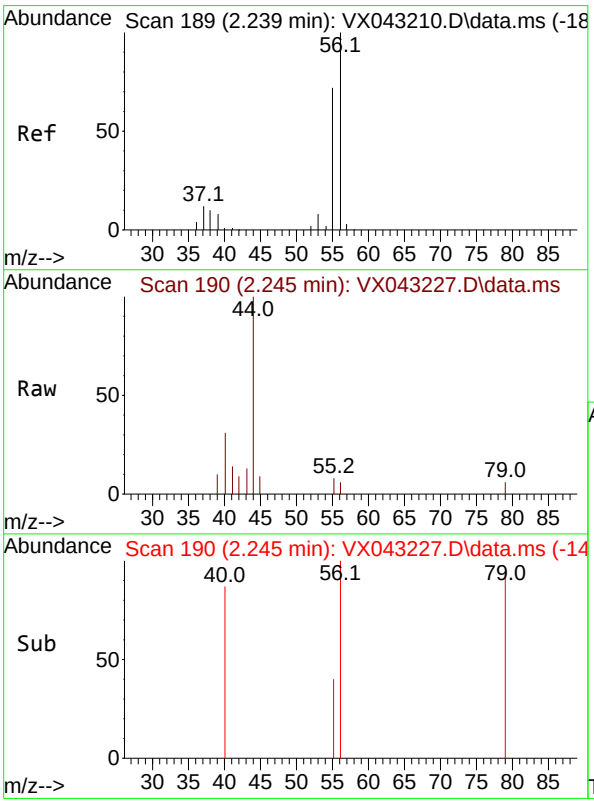
#11
Tert butyl alcohol
Concen: 2.050 ug/l
RT: 2.989 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion: 59 Resp: 553

Ion	Ratio	Lower	Upper
59	100		
57	7.2	8.6	13.0#

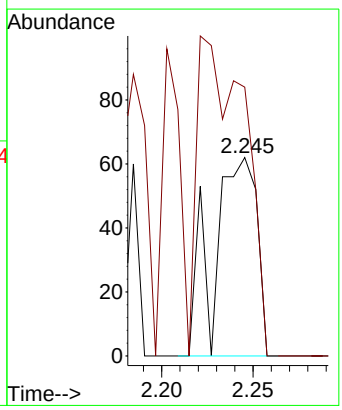


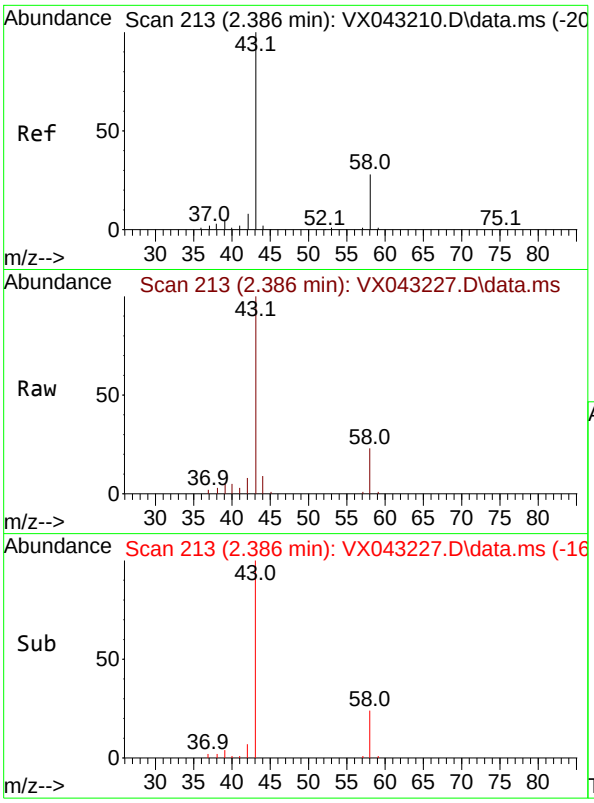


#13
Acrolein
Concen: 0.400 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 56 Resp: 102

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.4	86.0#



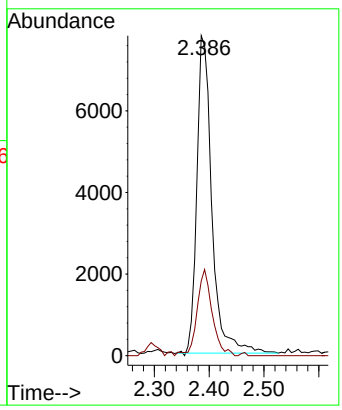


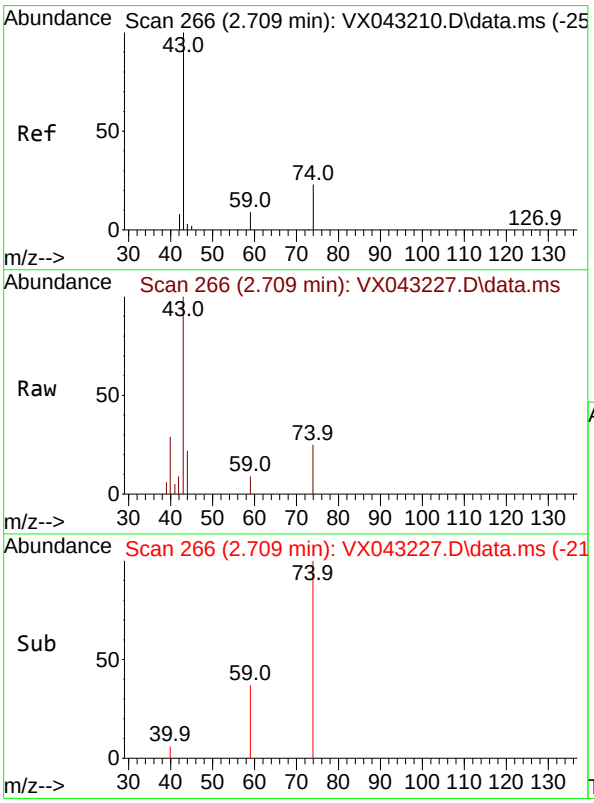
#16
Acetone
Concen: 25.048 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion: 43 Resp: 14830

Ion	Ratio	Lower	Upper
43	100		
58	23.5	22.6	33.8

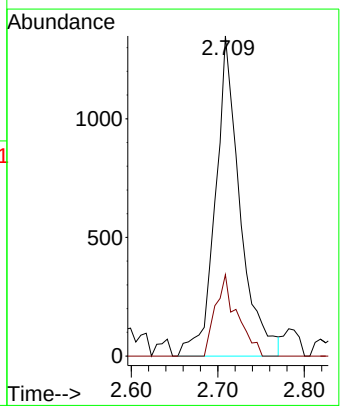


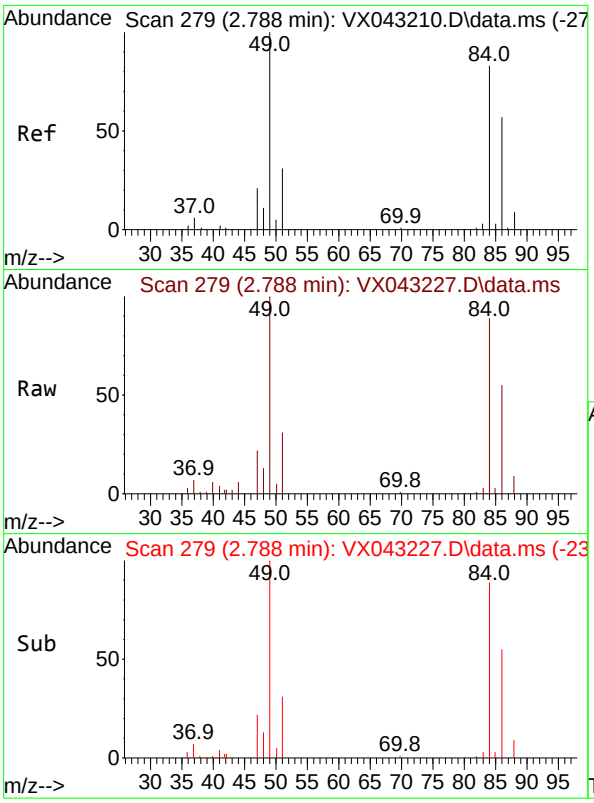


#18
Methyl Acetate
Concen: 1.801 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 43 Resp: 2675

Ion	Ratio	Lower	Upper
43	100		
74	22.5	19.1	28.7



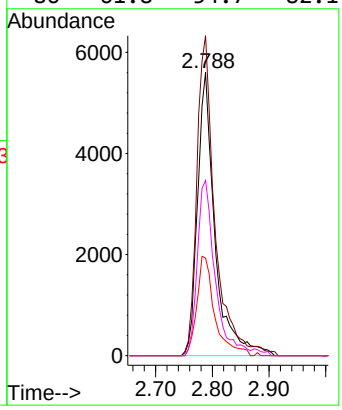


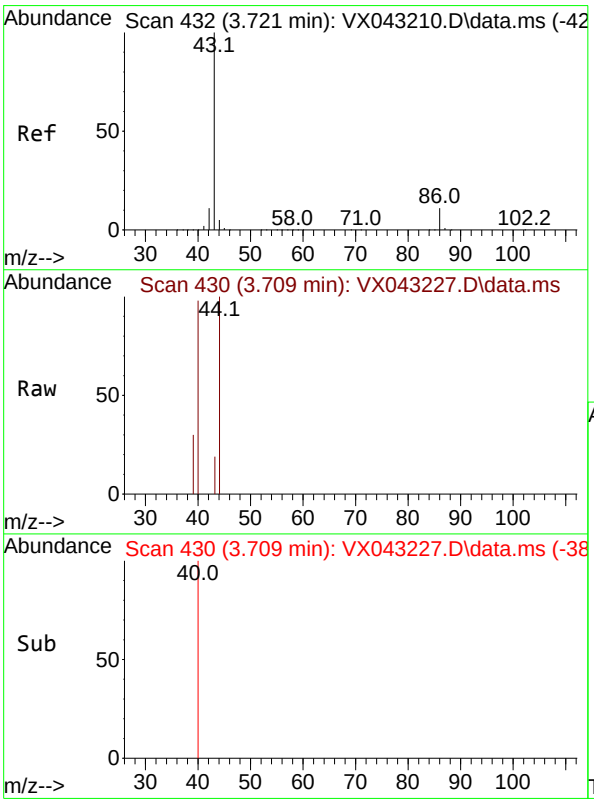
#20
Methylene Chloride
Concen: 10.979 ug/l
RT: 2.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion: 84 Resp: 11985

Ion	Ratio	Lower	Upper
84	100		
49	113.0	96.7	145.1
51	34.5	30.4	45.6
86	61.8	54.7	82.1

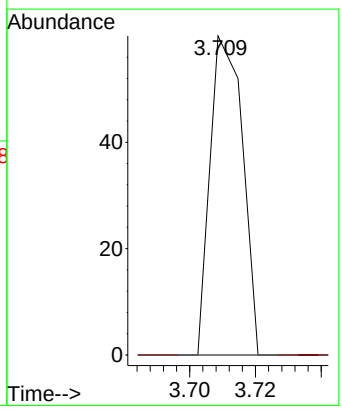


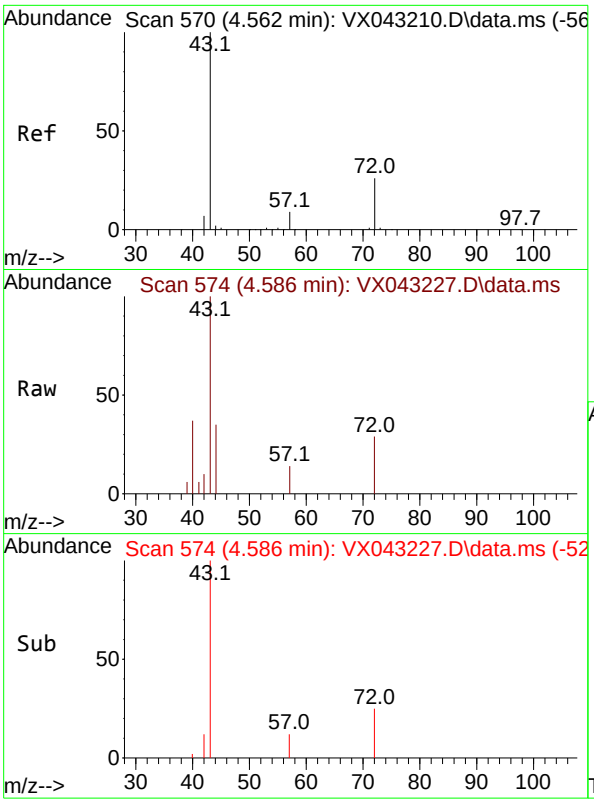


#23
Vinyl Acetate
Concen: 6.350 ug/l
RT: 3.709 min Scan# 430
Delta R.T. -0.012 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 43 Resp: 41

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#



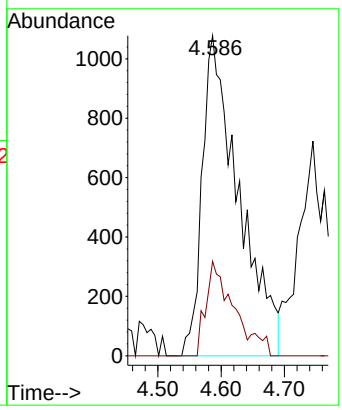


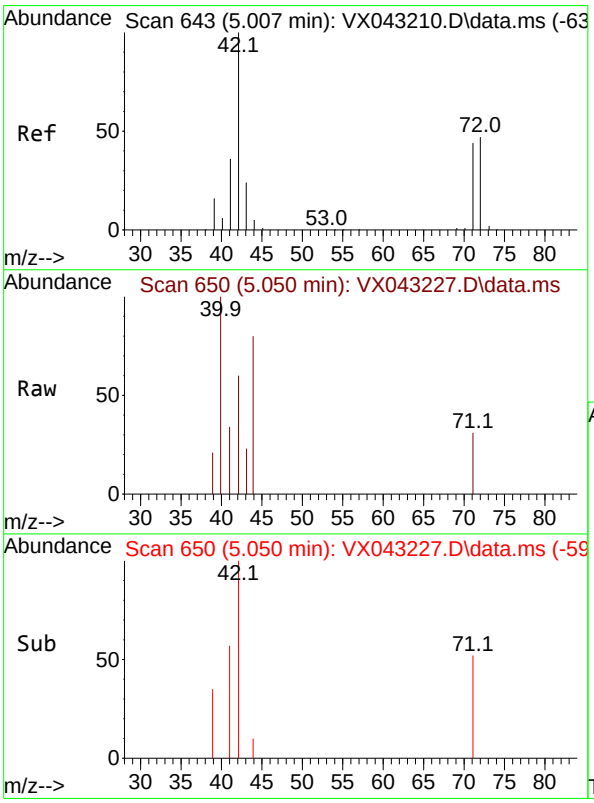
#25
2-Butanone
Concen: 5.314 ug/l
RT: 4.586 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion: 43 Resp: 4314

Ion	Ratio	Lower	Upper
43	100		
72	29.5	20.6	31.0

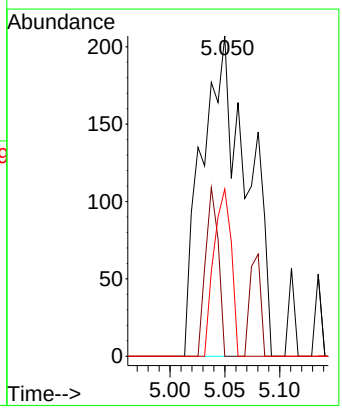


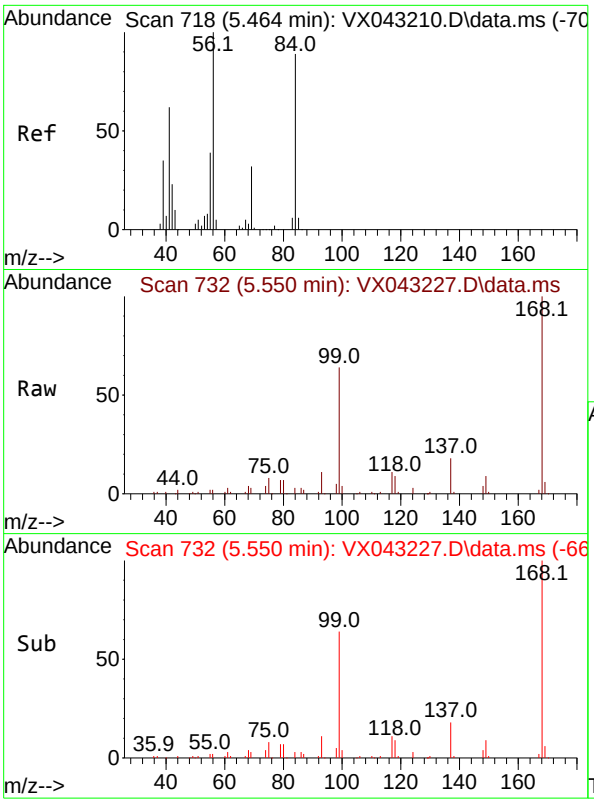


#29
Tetrahydrofuran
Concen: 1.149 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.043 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 42 Resp: 594

Ion	Ratio	Lower	Upper
42	100		
72	14.8	37.7	56.5#
71	20.2	34.6	52.0#



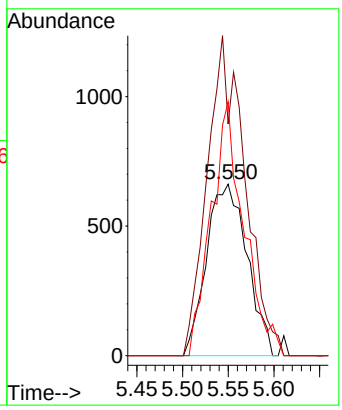


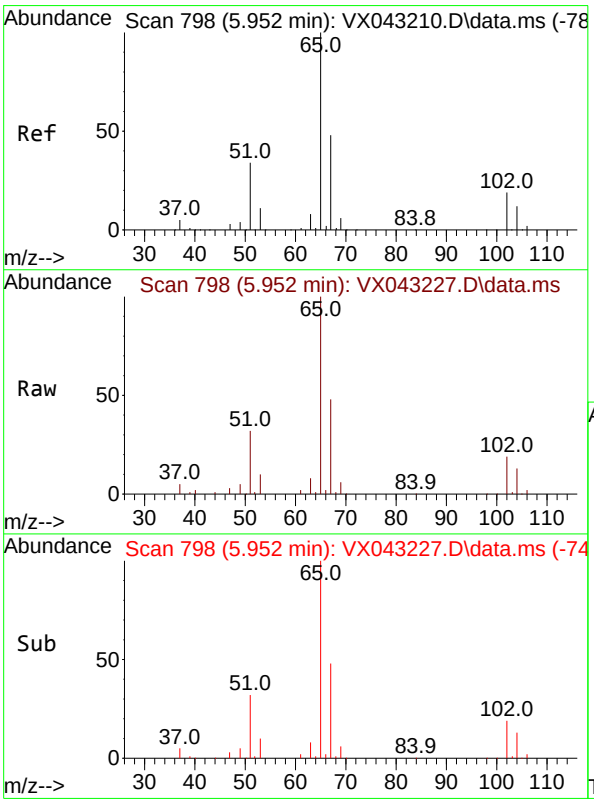
#31
Cyclohexane
Concen: 1.335 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.085 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion: 56 Resp: 2042

Ion	Ratio	Lower	Upper
56	100		
69	135.0	25.8	38.6#
84	148.0	71.1	106.7#

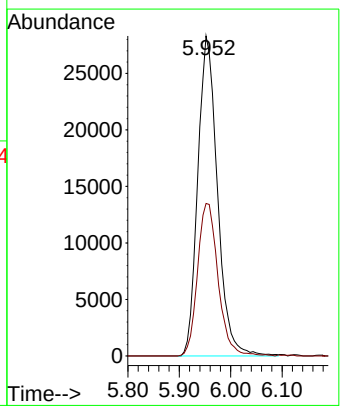


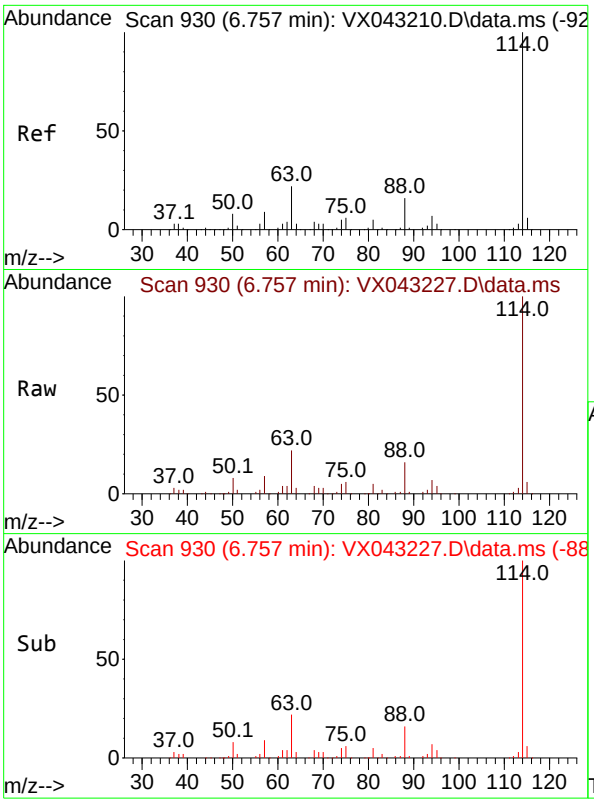


#33
1,2-Dichloroethane-d4
Concen: 53.099 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 65 Resp: 75280

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.0



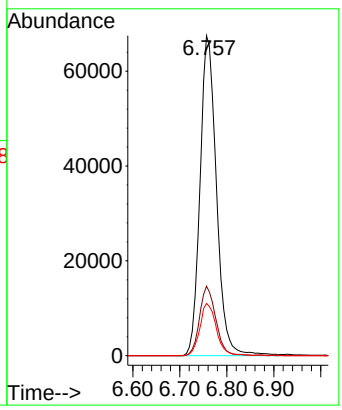


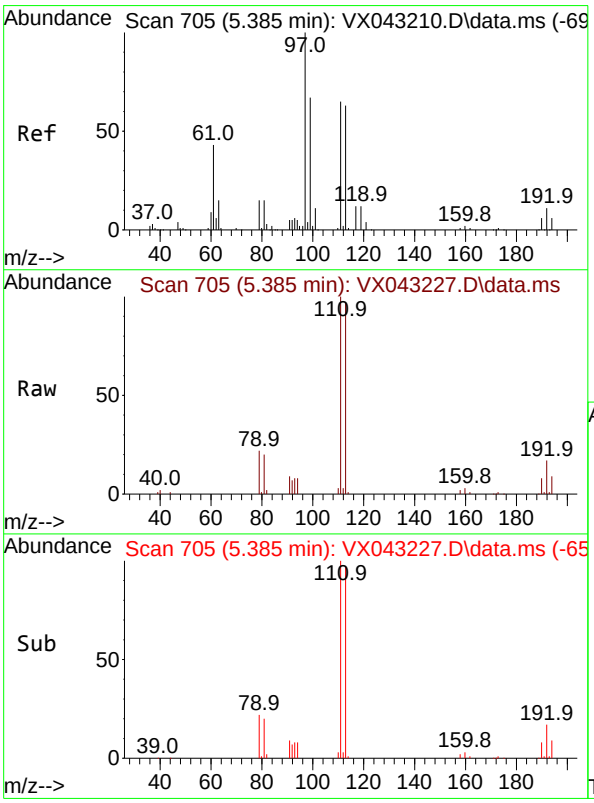
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion:114 Resp: 164518

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.0
88	16.3	0.0	33.0

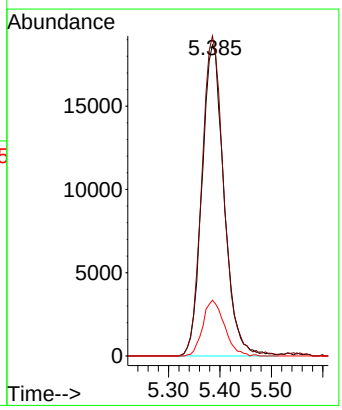


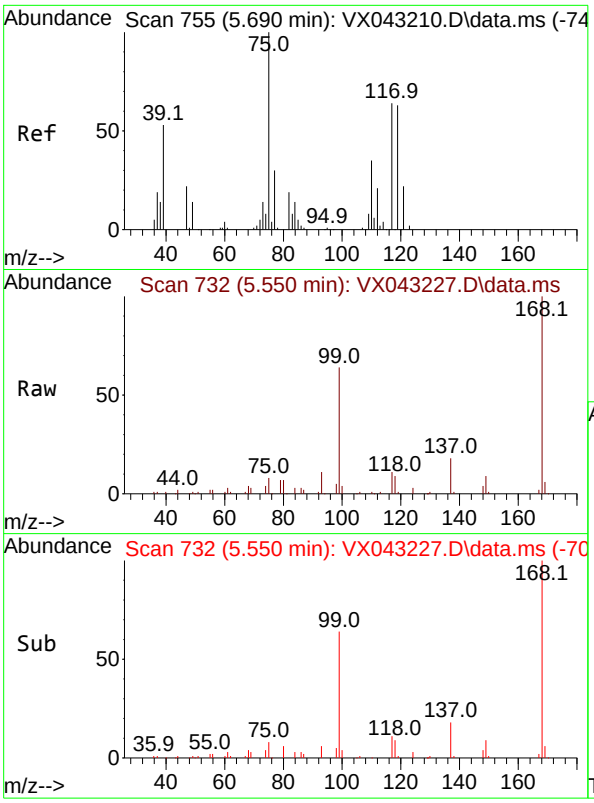


#35
Dibromofluoromethane
Concen: 49.219 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion:113 Resp: 55843

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.4	125.0
192	17.6	14.1	21.1



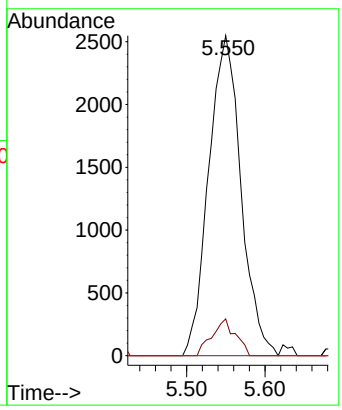


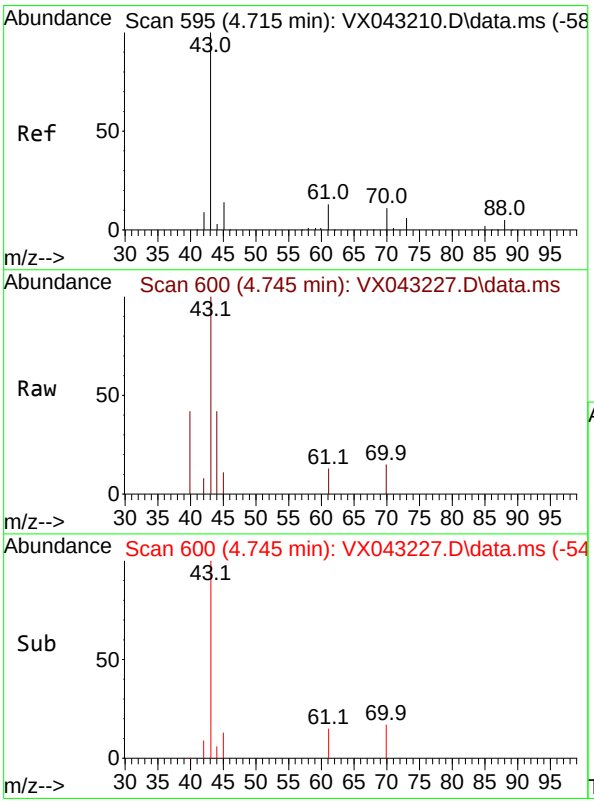
#36
1,1-Dichloropropene
Concen: 5.092 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion: 75 Resp: 7299

Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.8	53.3#
77	0.0	24.9	37.3#

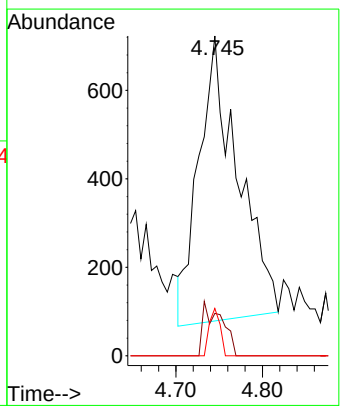


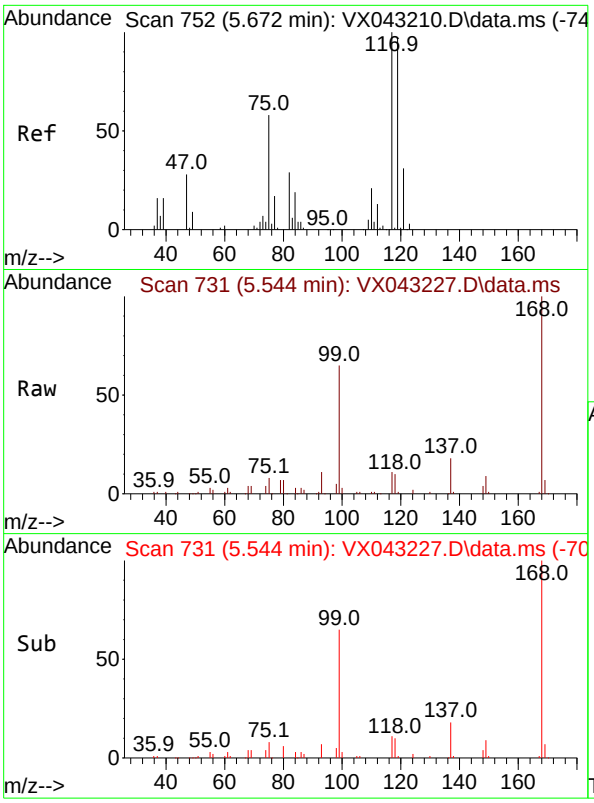


#37
Ethyl Acetate
Concen: 1.172 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.030 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 43 Resp: 2018

Ion	Ratio	Lower	Upper
43	100		
61	9.2	11.0	16.4#
70	4.6	8.9	13.3#



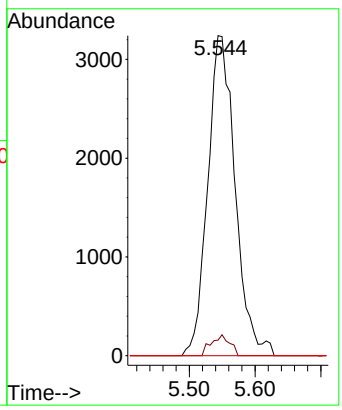


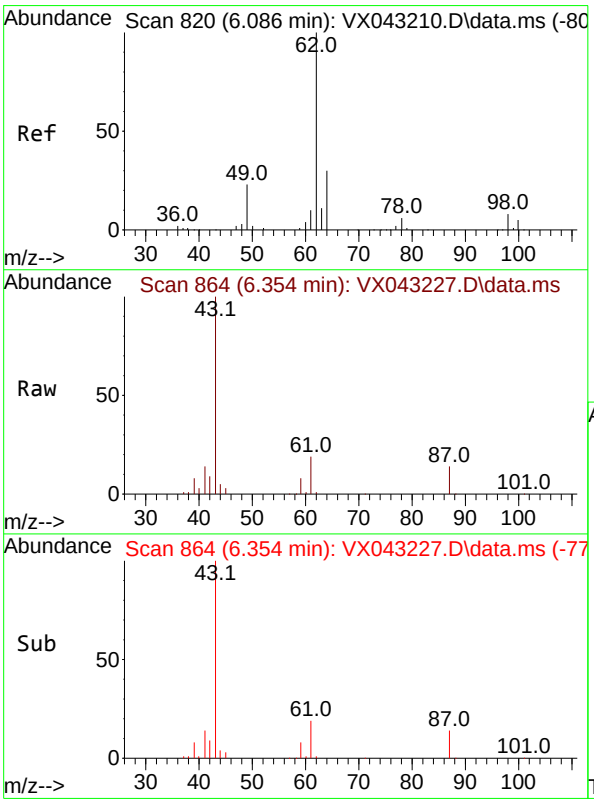
#38
Carbon Tetrachloride
Concen: 5.540 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.128 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion:117 Resp: 9400

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.7	116.5#
121	0.0	24.3	36.5#

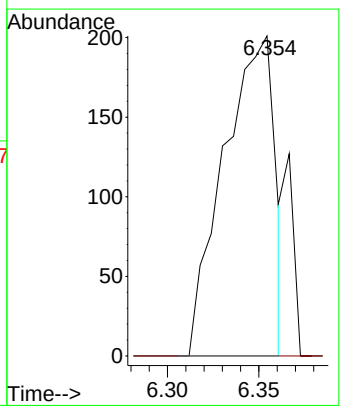


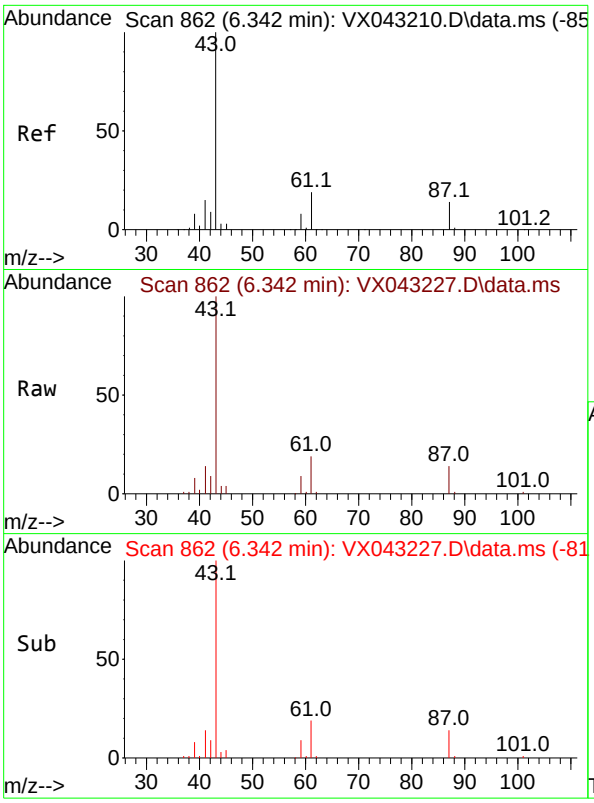


#42
1,2-Dichloroethane
Concen: 0.221 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.268 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 62 Resp: 391

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.0



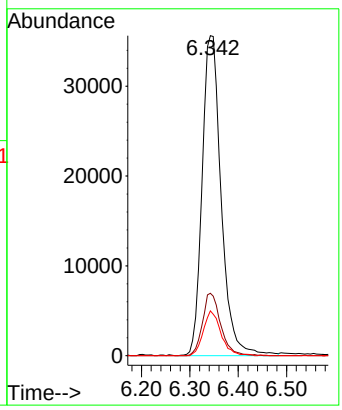


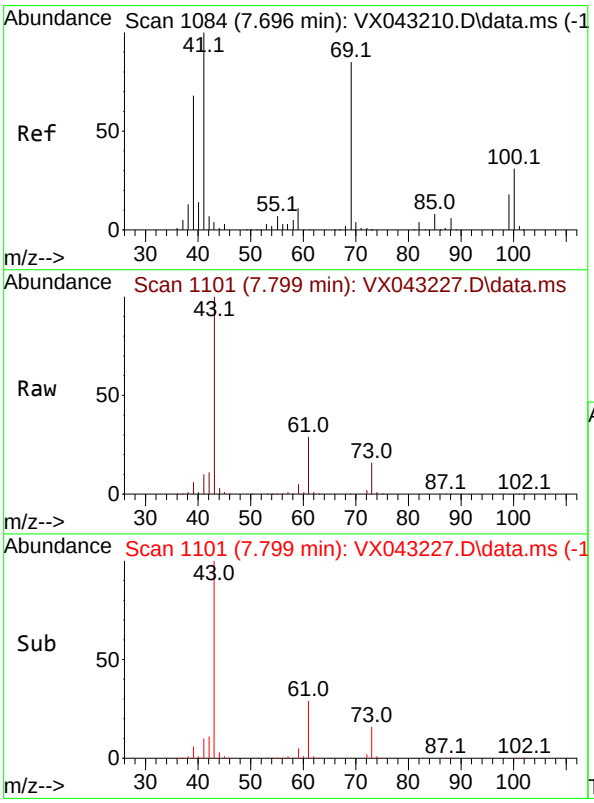
#43
Isopropyl Acetate
Concen: 34.386 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion: 43 Resp: 97761

Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.1	22.7
87	12.8	10.8	16.2

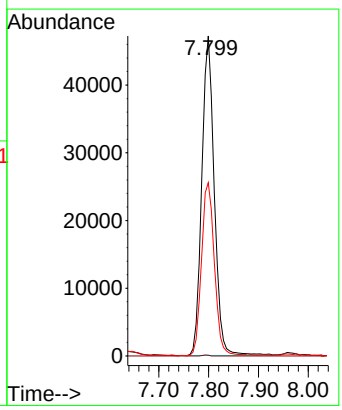


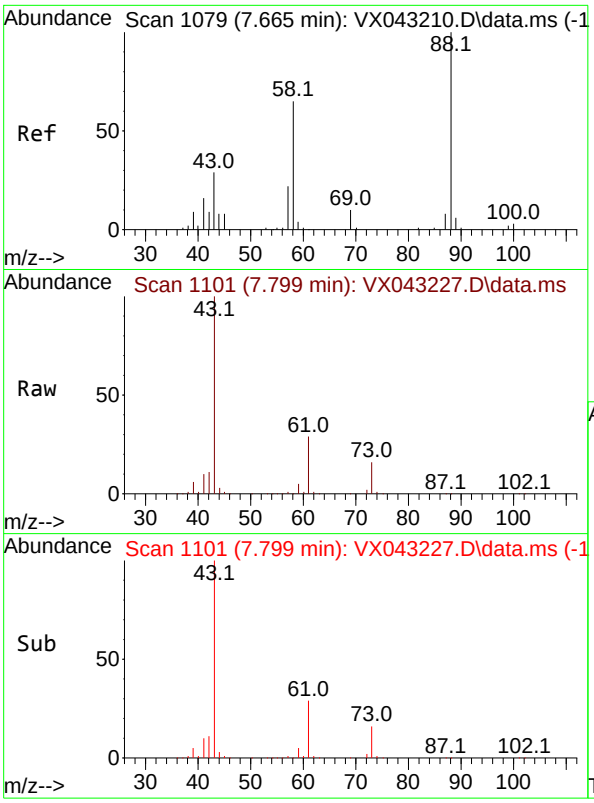


#48
Methyl methacrylate
Concen: 58.998 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 41 Resp: 82301

Ion	Ratio	Lower	Upper
41	100		
69	0.1	64.1	96.1#
39	56.1	52.8	79.2



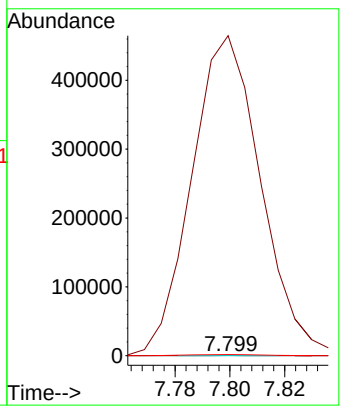


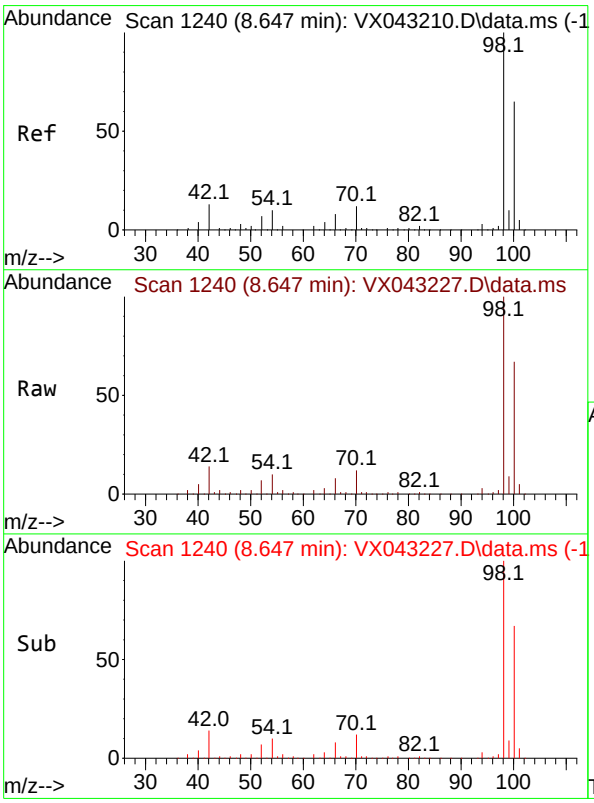
#49
1,4-Dioxane
Concen: 3.798 ug/l
RT: 7.799 min Scan# 11
Delta R.T. 0.134 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion: 88 Resp: 103

Ion	Ratio	Lower	Upper
88	100		
43	802983.5	29.5	44.3#
58	3078.6	55.2	82.8#

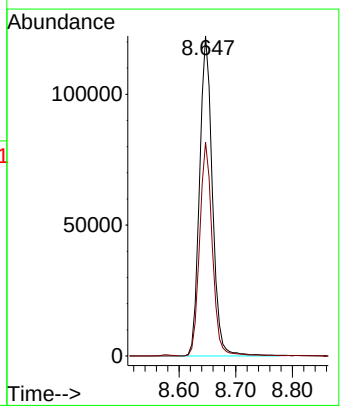


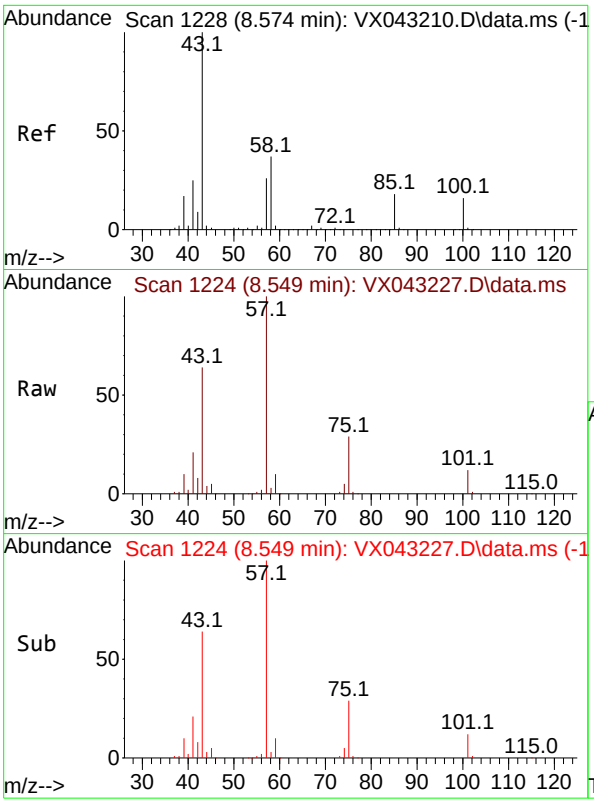


#50
Toluene-d8
Concen: 48.849 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 98 Resp: 192066

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6



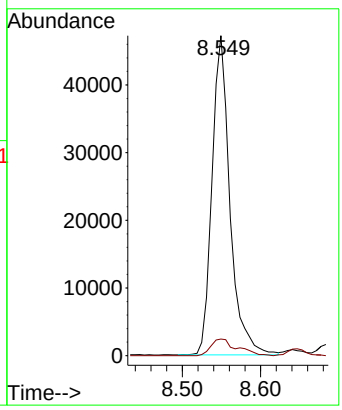


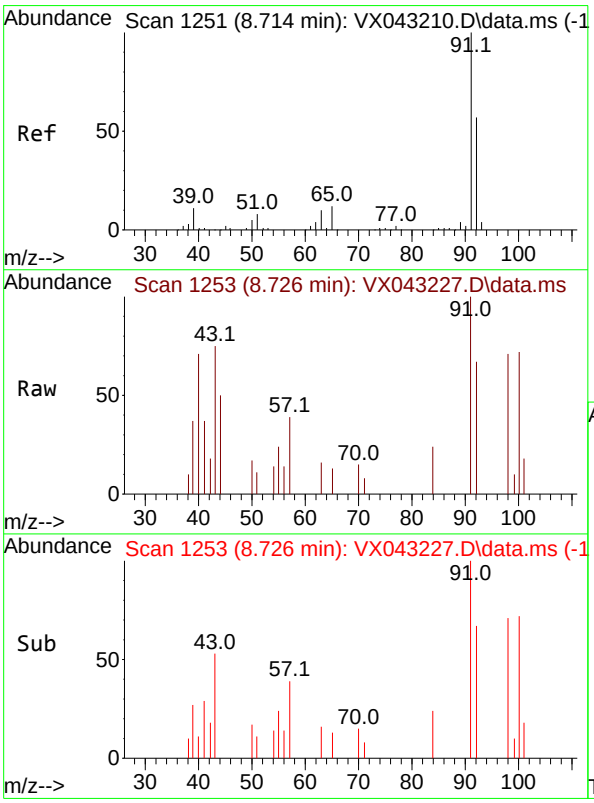
#51
4-Methyl-2-Pentanone
Concen: 43.440 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion: 43 Resp: 75009

Ion	Ratio	Lower	Upper
43	100		
58	7.6	30.0	45.0#

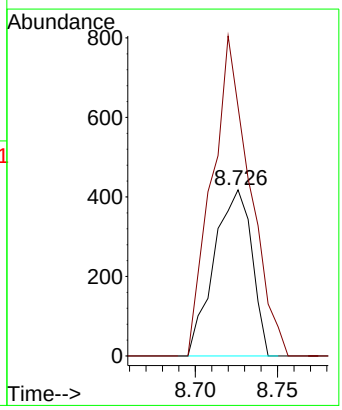


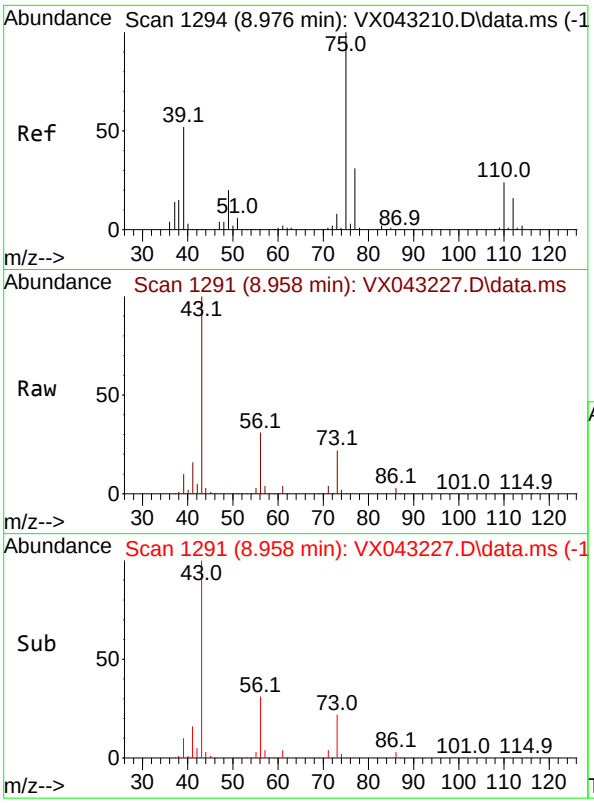


#52
Toluene
Concen: 0.246 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 92 Resp: 670

Ion	Ratio	Lower	Upper
92	100		
91	193.0	137.0	205.4



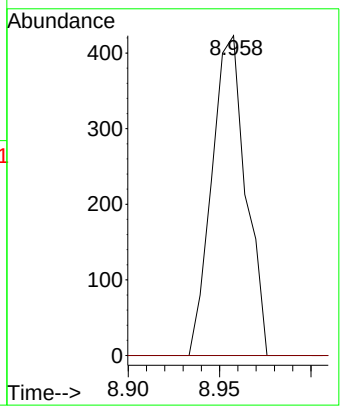


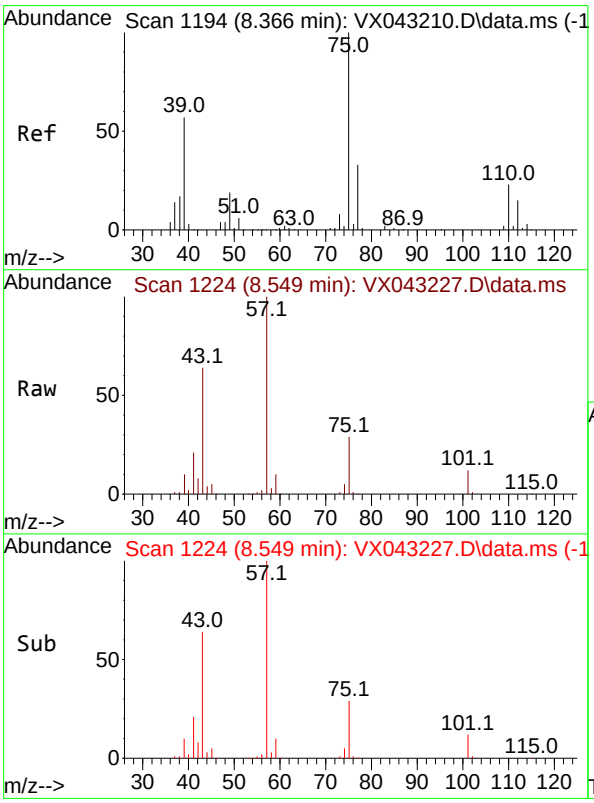
#53
t-1,3-Dichloropropene
Concen: 0.329 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.018 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion: 75 Resp: 549

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#

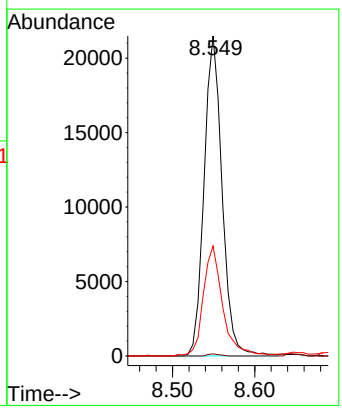


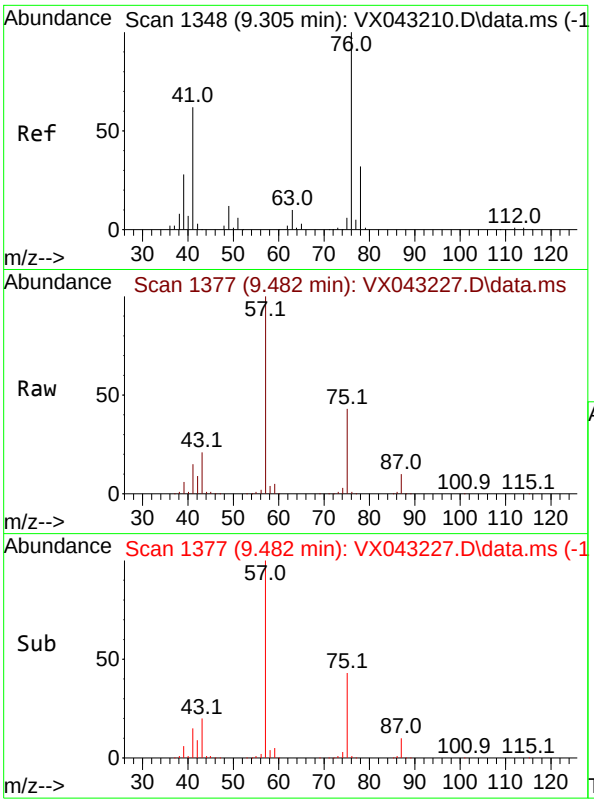


#54
cis-1,3-Dichloropropene
Concen: 18.270 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 75 Resp: 32715

Ion	Ratio	Lower	Upper
75	100		
77	0.7	26.0	39.0#
39	33.9	45.8	68.8#



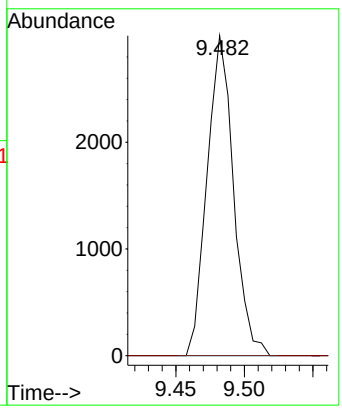


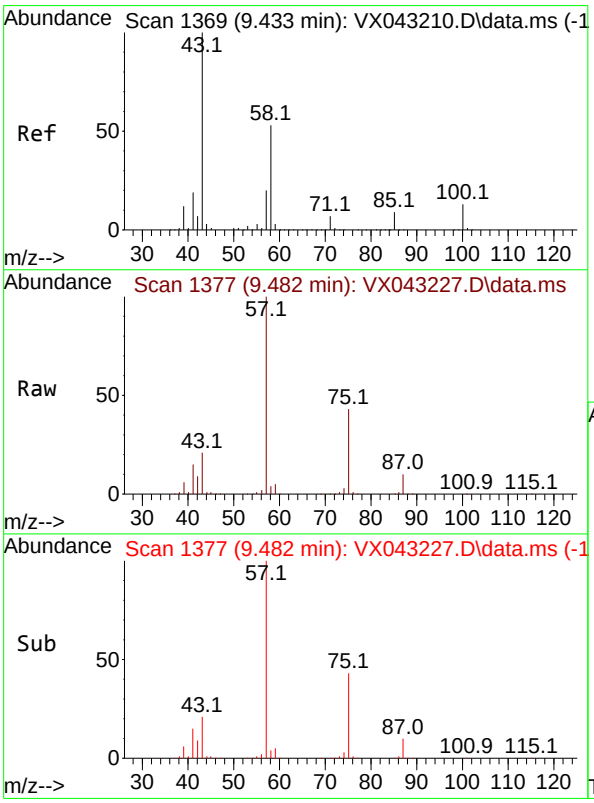
#57
1,3-Dichloropropane
Concen: 2.187 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.177 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion: 76 Resp: 4031

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

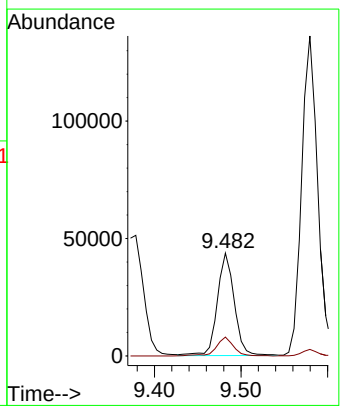


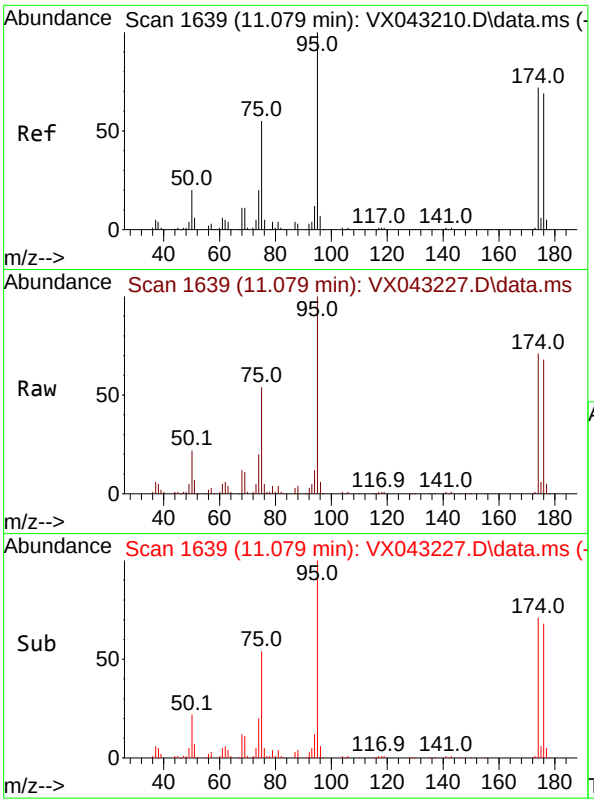


#59
2-Hexanone
Concen: 45.554 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 43 Resp: 59483

Ion	Ratio	Lower	Upper
43	100		
58	18.8	26.1	78.3#



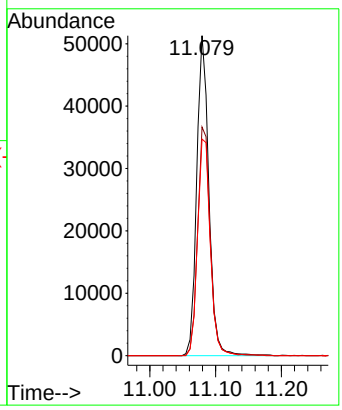


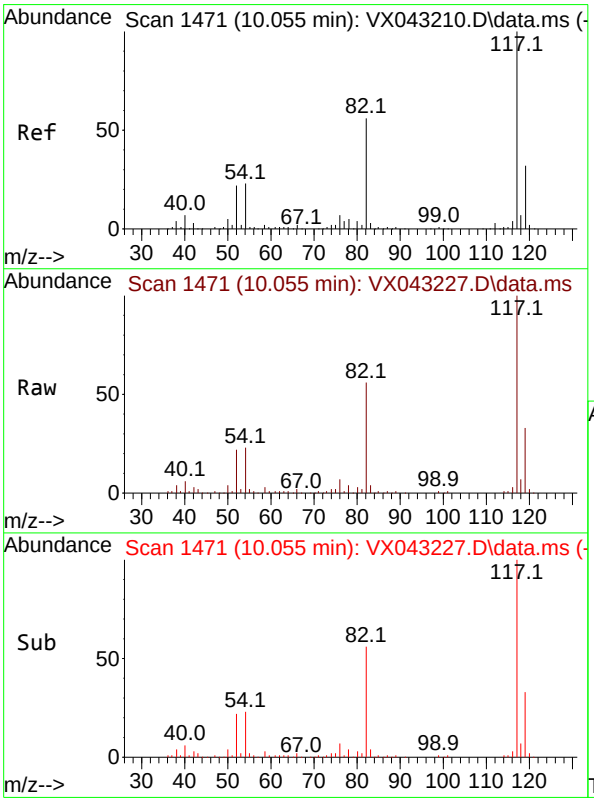
#62
4-Bromofluorobenzene
Concen: 46.124 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion: 95 Resp: 65884

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	145.0
176	71.3	0.0	143.0

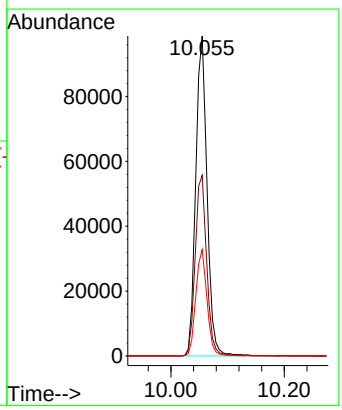


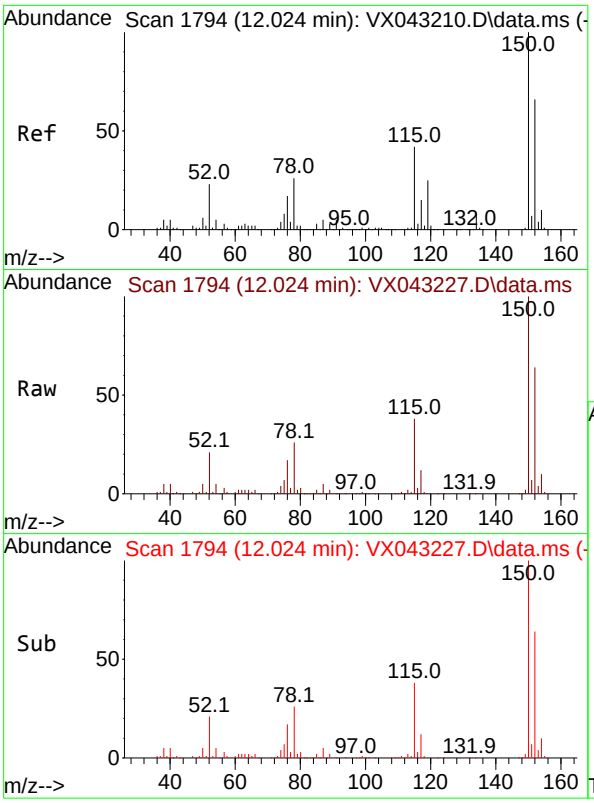


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion:117 Resp: 136598

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.0	67.6
119	33.3	25.3	37.9



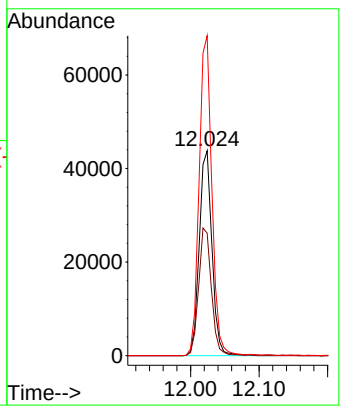


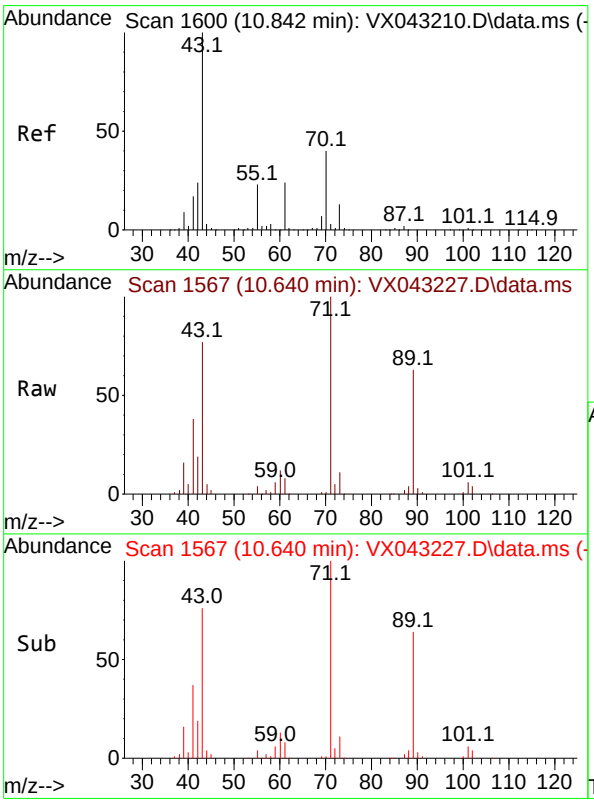
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion:152 Resp: 56822

Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.1	132.3
150	156.1	0.0	347.4

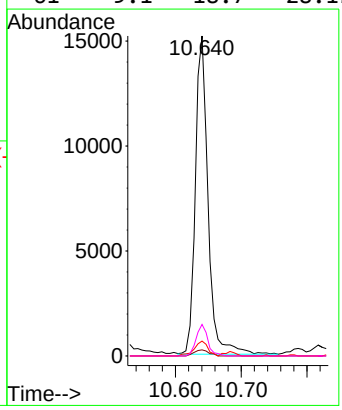


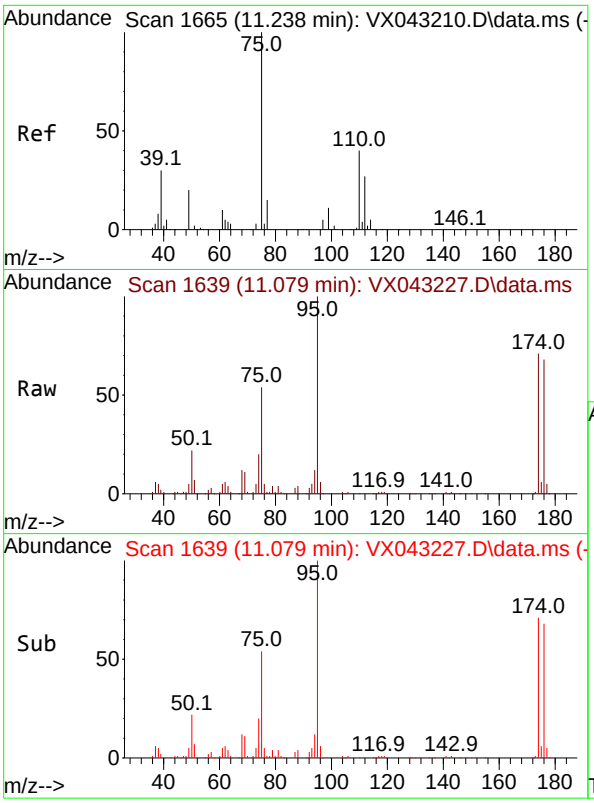


#74
N-amyl acetate
Concen: 9.659 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 43 Resp: 20257

Ion	Ratio	Lower	Upper
43	100		
70	2.2	33.1	49.7#
55	5.0	18.6	27.8#
61	9.1	18.7	28.1#



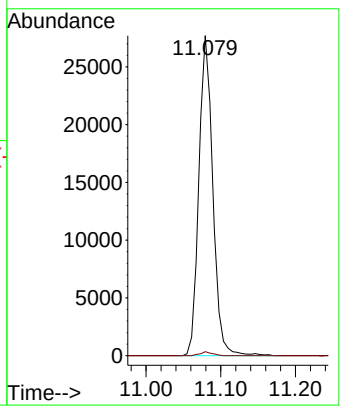


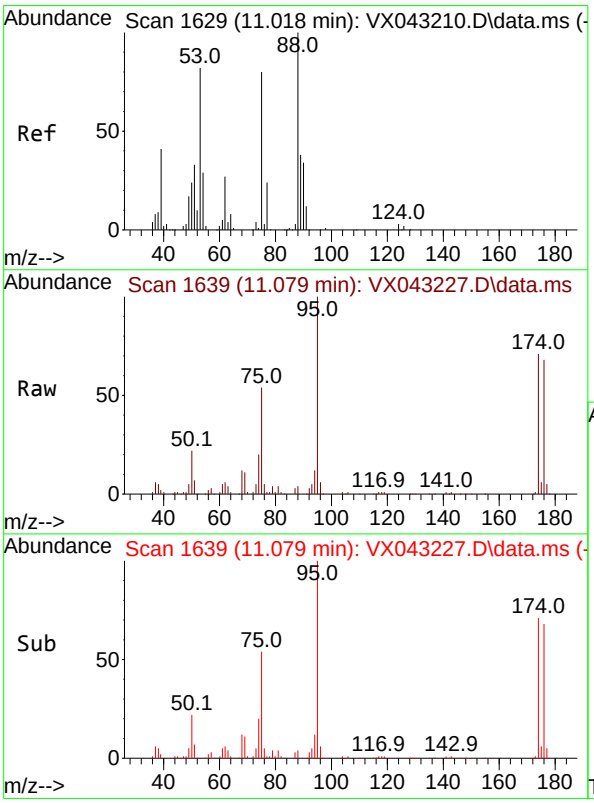
#76
1,2,3-Trichloropropane
Concen: 28.507 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#06

Tgt Ion: 75 Resp: 35930

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.0	66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.881 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043227.D
Acq: 02 Oct 2024 13:29

Tgt Ion: 75 Resp: 35930

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