Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041959.D
Acq On : 20 Jun 2024 12:38
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 21 03:15:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.903	128	28890	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	154976	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	138631	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	61040	30.692	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.300%			
60) 4-Bromofluorobenzene	11.079	95	58069	27.060	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.200%			
63) Toluene-d8	8.647	98	179498	30.264	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.867%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	463	0.221	ug/l #	41
6) Chloroethane	1.989	64	246	0.282	ug/l	93
12) Methyl Acetate	2.392	43	854	0.379	ug/l #	51
15) Acetone	2.392	58	230	0.753	ug/l #	44
18) Methylene Chloride	2.788	84	725	0.358	ug/l #	82
58) 4-Methyl-2-Pentanone	8.647	43	701	0.282	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	26869	33.505	ug/l #	7

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

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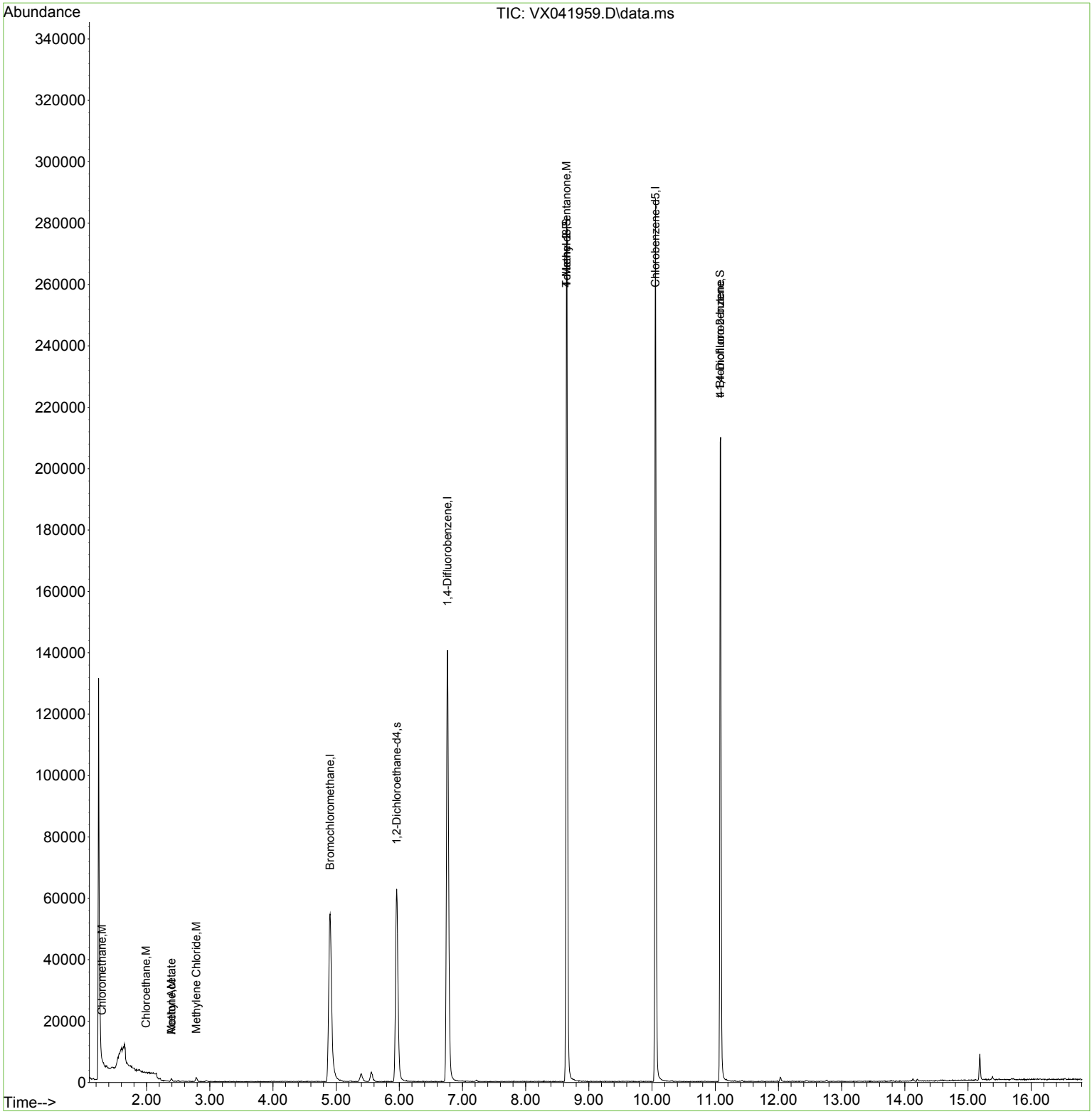
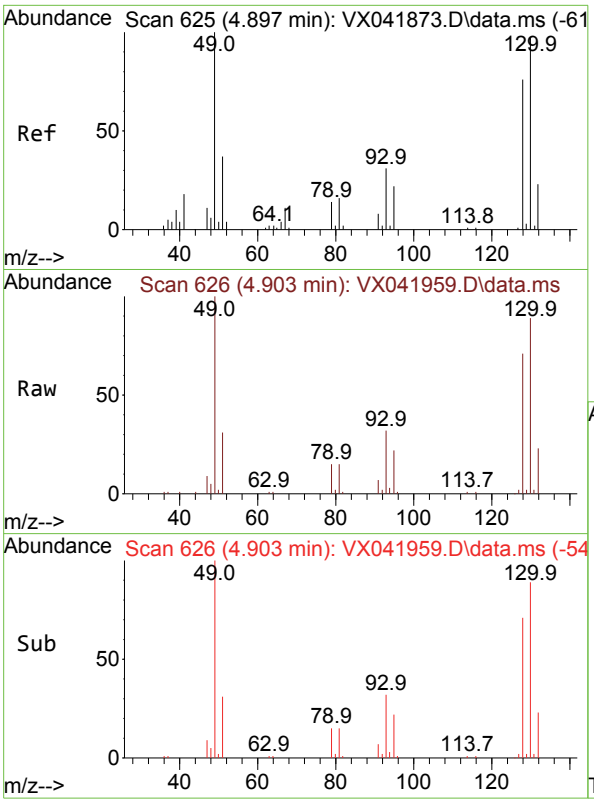


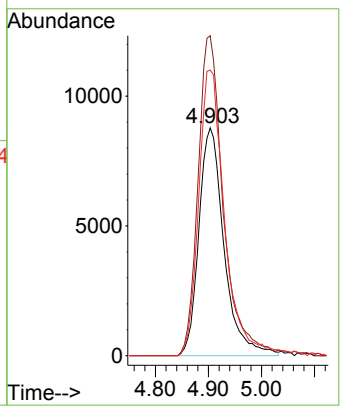


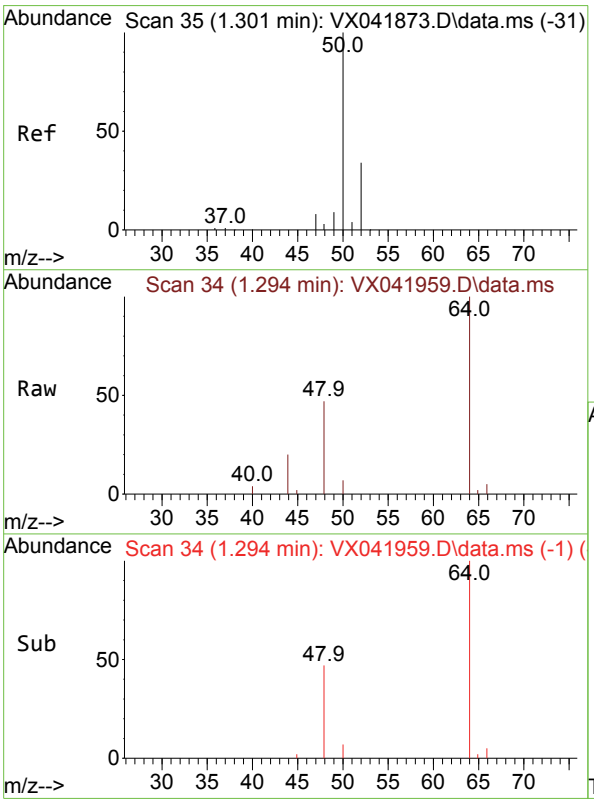
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 28890

Ion	Ratio	Lower	Upper
128	100		
49	140.7	0.0	338.5
130	126.8	0.0	324.5

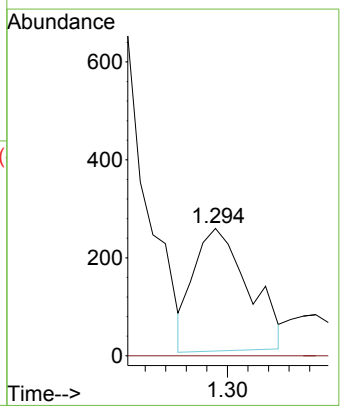


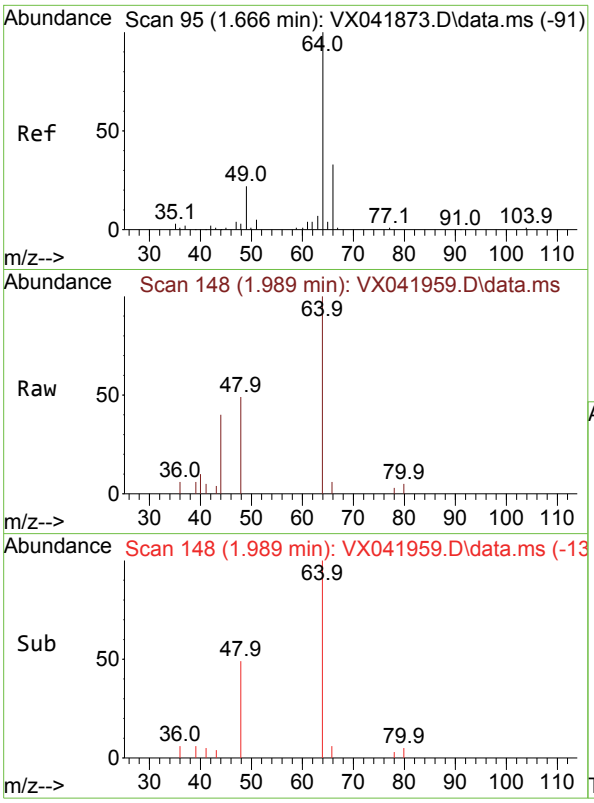


#3
Chloromethane
Concen: 0.221 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Tgt Ion: 50 Resp: 463

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.9	40.3#



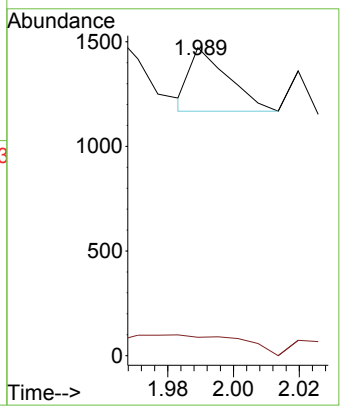


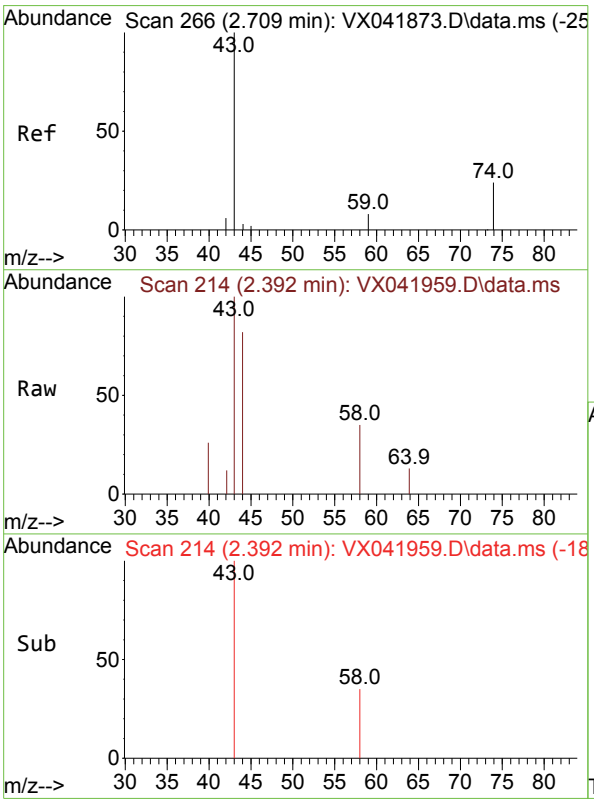
#6
Chloroethane
Concen: 0.282 ug/l
RT: 1.989 min Scan# 14
Delta R.T. 0.323 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 246

Ion	Ratio	Lower	Upper
64	100		
66	28.9	26.4	39.6

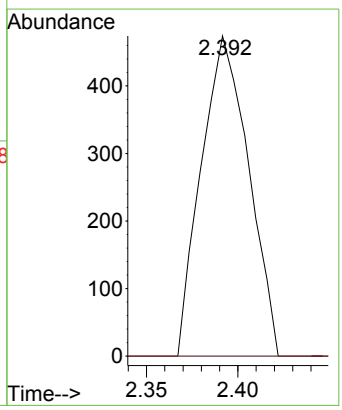


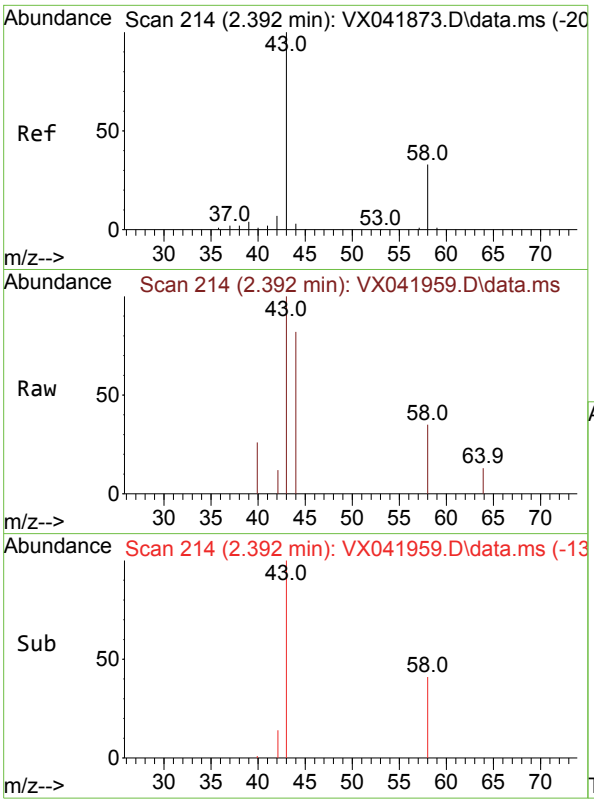


#12
Methyl Acetate
Concen: 0.379 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.317 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Tgt Ion: 43 Resp: 854

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.4	29.2#



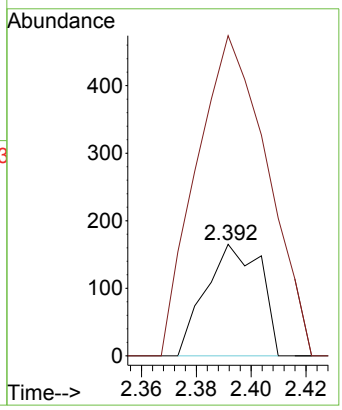


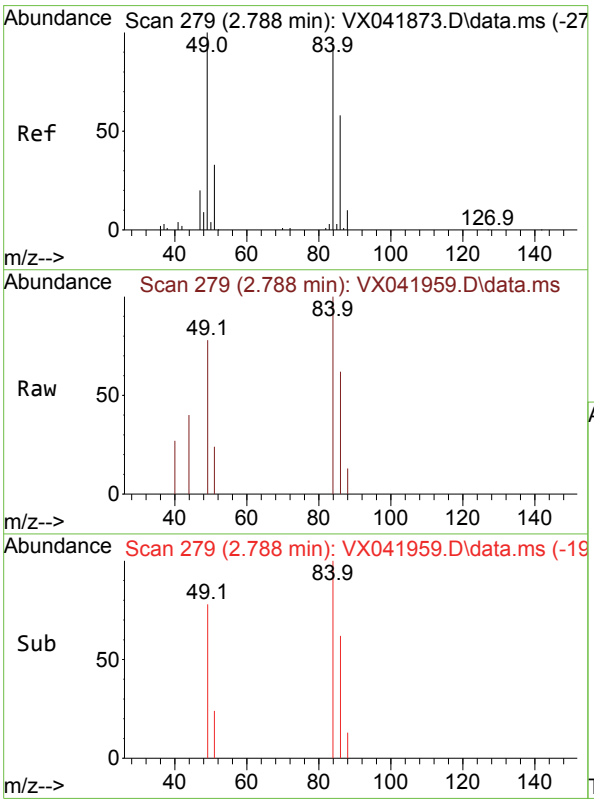
#15
Acetone
Concen: 0.753 ug/l
RT: 2.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 58 Resp: 230

Ion	Ratio	Lower	Upper
58	100		
43	193.9	243.4	365.2#

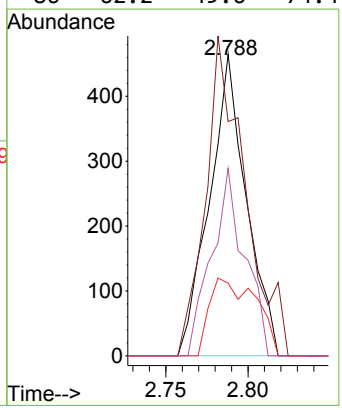


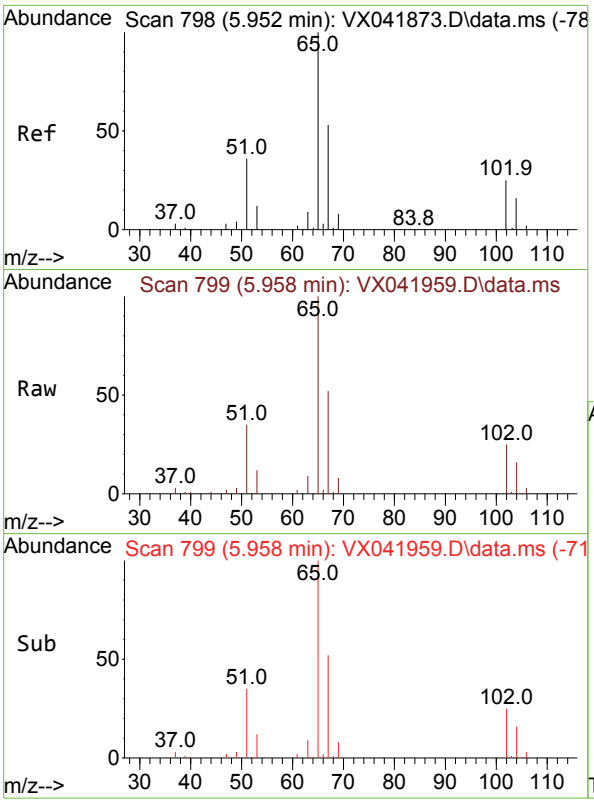


#18
Methylene Chloride
Concen: 0.358 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Tgt Ion: 84 Resp: 725

Ion	Ratio	Lower	Upper
84	100		
49	77.6	85.3	127.9#
51	24.1	28.5	42.7#
86	62.2	49.6	74.4



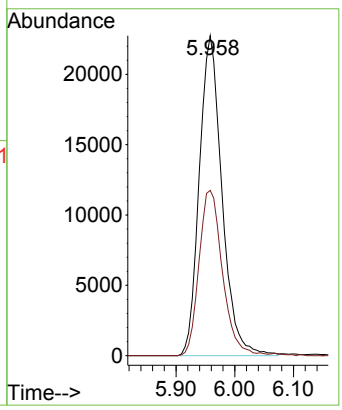


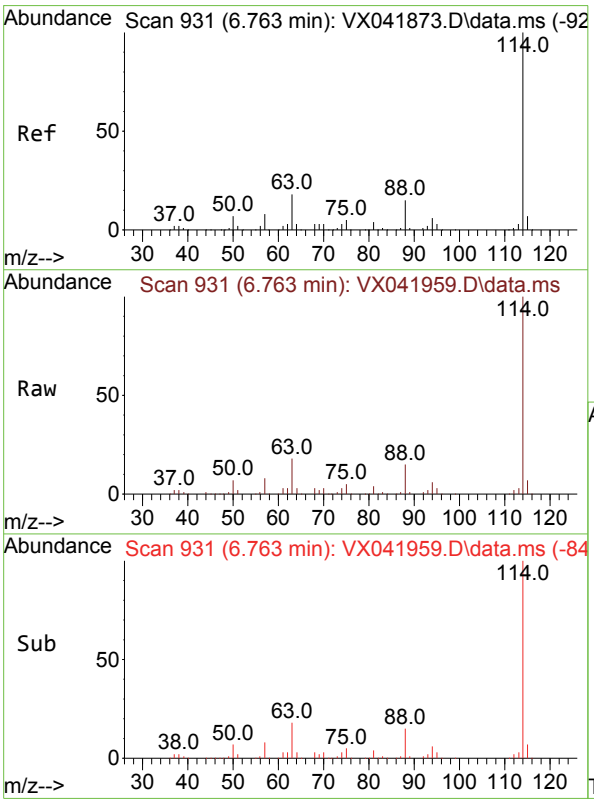
#27
1,2-Dichloroethane-d4
Concen: 30.692 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 61040

Ion	Ratio	Lower	Upper
65	100		
67	53.0	43.4	65.0

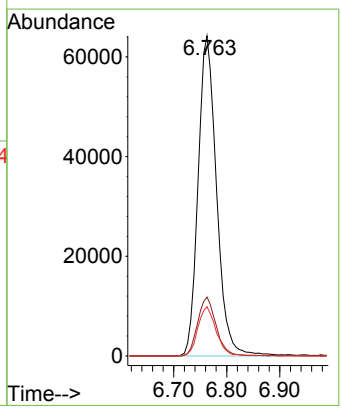


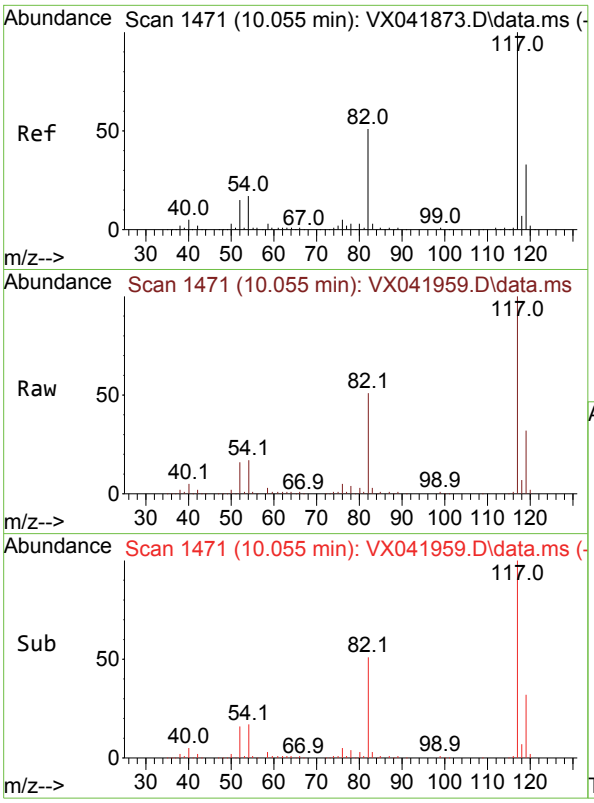


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Tgt Ion:114 Resp: 154976

Ion	Ratio	Lower	Upper
114	100		
63	18.4	14.6	21.8
88	14.9	11.8	17.8



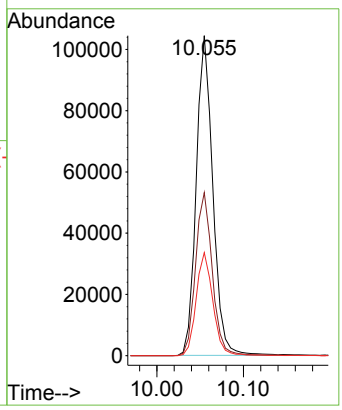


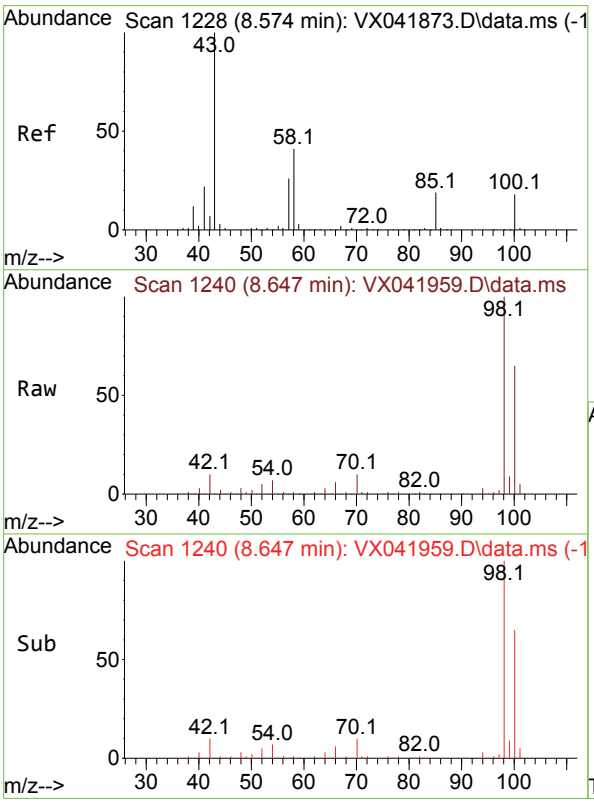
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 138631

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.1	61.7
119	32.5	26.1	39.1

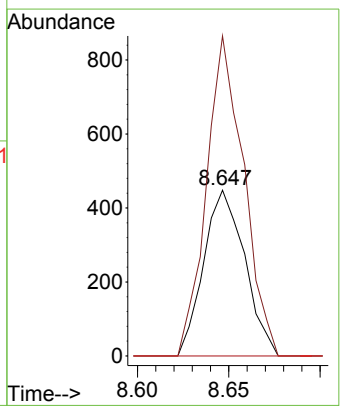


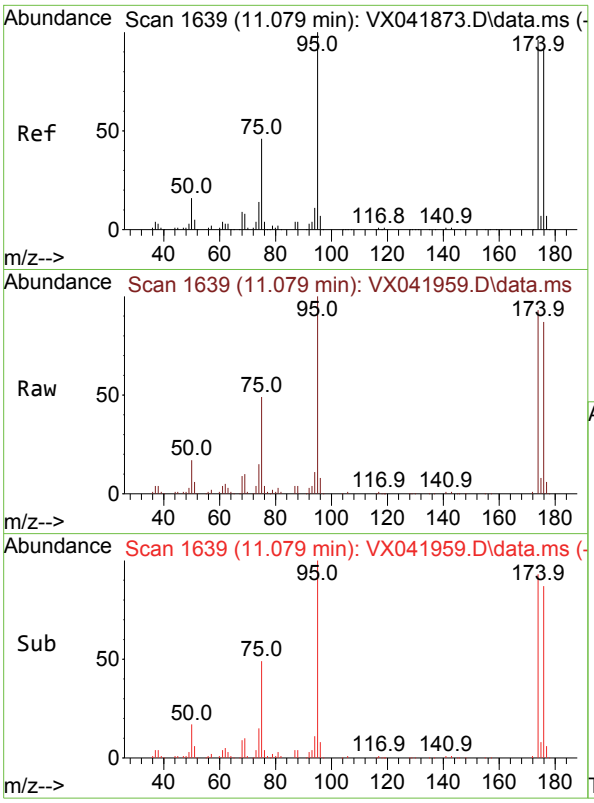


#58
4-Methyl-2-Pentanone
Concen: 0.282 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Tgt Ion: 43 Resp: 701

Ion	Ratio	Lower	Upper
43	100		
58	175.3	33.2	49.8#
85	0.0	15.5	23.3#



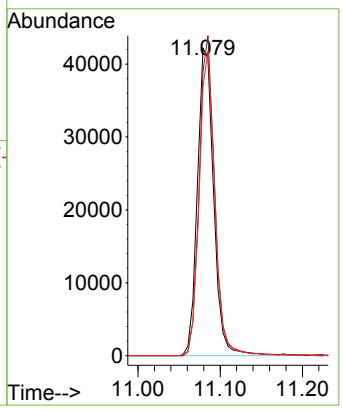


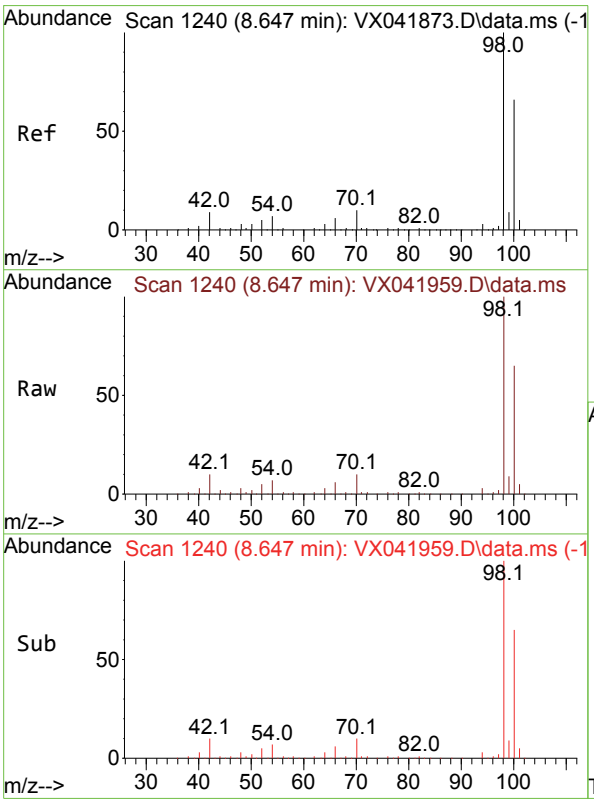
#60
4-Bromofluorobenzene
Concen: 27.060 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 58069

Ion	Ratio	Lower	Upper
95	100		
174	98.9	78.9	118.3
176	95.0	77.1	115.7

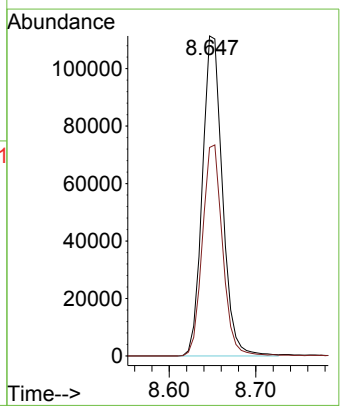


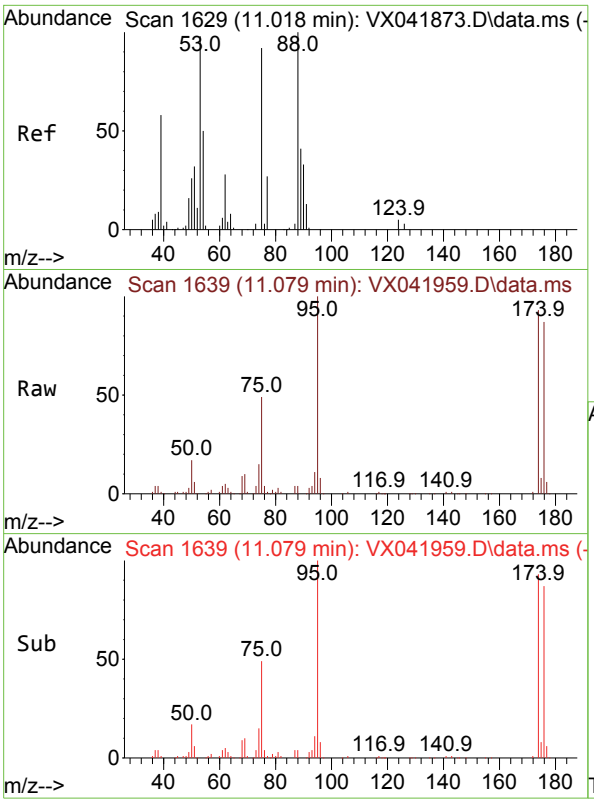


#63
Toluene-d8
Concen: 30.264 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Tgt Ion: 98 Resp: 179498

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.7	79.1





#77
t-1,4-Dichloro-2-butene
Concen: 33.505 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 26869

Ion	Ratio	Lower	Upper
75	100		
53	0.0	53.4	160.2#
89	0.0	22.5	67.5#