Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041787.D
Acq On : 07 Jun 2024 13:50
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 08 04:06:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.904	128	25344	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.763	114	138912	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	123060	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.958	65	61139	30.633	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.100%				
60) 4-Bromofluorobenzene	11.079	95	53887	28.051	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.500%				
63) Toluene-d8	8.647	98	156817	29.728	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.100%				
Target Compounds							Qvalue
3) Chloromethane	1.295	50	376	0.259	ug/l	#	42
5) Bromomethane	1.599	94	468	0.481	ug/l		83
6) Chloroethane	1.642	64	518	0.670	ug/l	#	48
12) Methyl Acetate	2.709	43	451	0.231	ug/l		91
13) Acrolein	1.819	56	63	0.265	ug/l		97
15) Acetone	2.386	58	1267	5.508	ug/l		85
16) Carbon Disulfide	2.508	76	1205	0.412	ug/l	#	74
18) Methylene Chloride	2.788	84	715	0.464	ug/l	#	89
23) tert-Butyl Alcohol	2.941	59	3481	9.554	ug/l	#	100
51) Ethyl methacrylate	8.647	69	592	0.245	ug/l		83
62) Toluene	8.720	91	1909	0.312	ug/l		98
77) t-1,4-Dichloro-2-butene	11.079	75	27924	42.403	ug/l	#	1

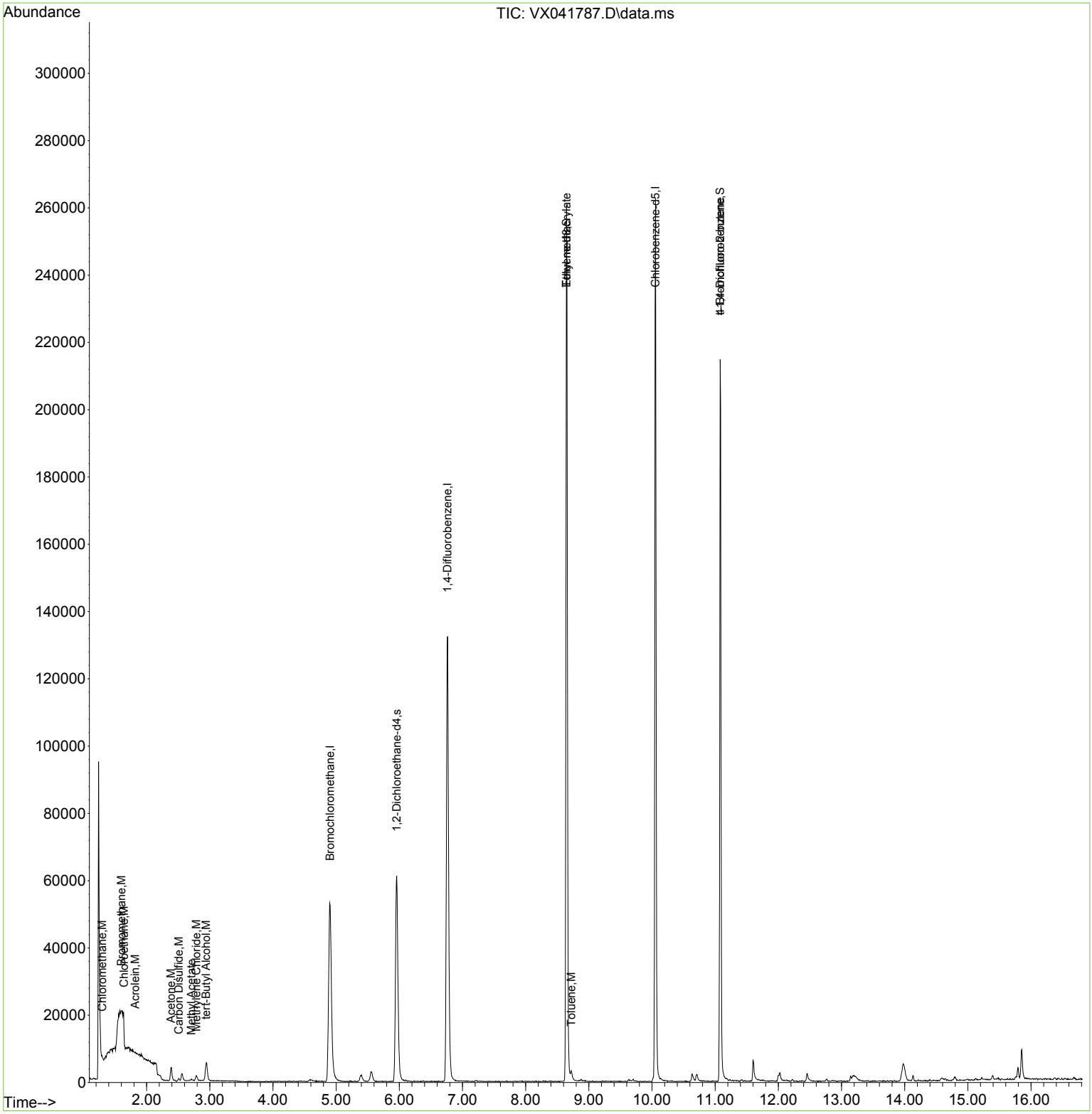
(#) = qualifier out of range (m) = manual integration (+) = signals summed

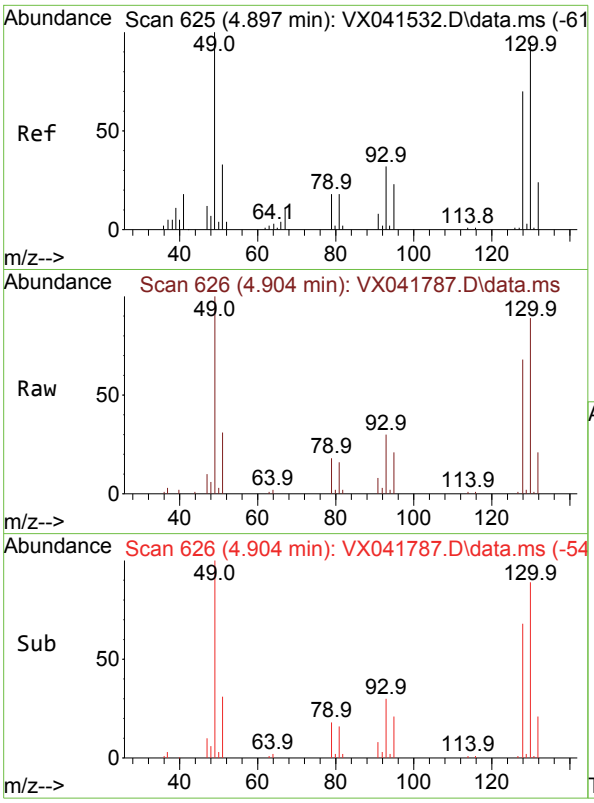
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041787.D
Acq On : 07 Jun 2024 13:50
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 08 04:06:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration



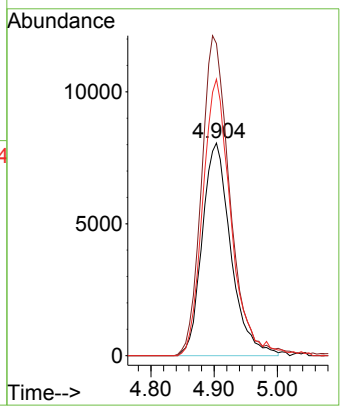


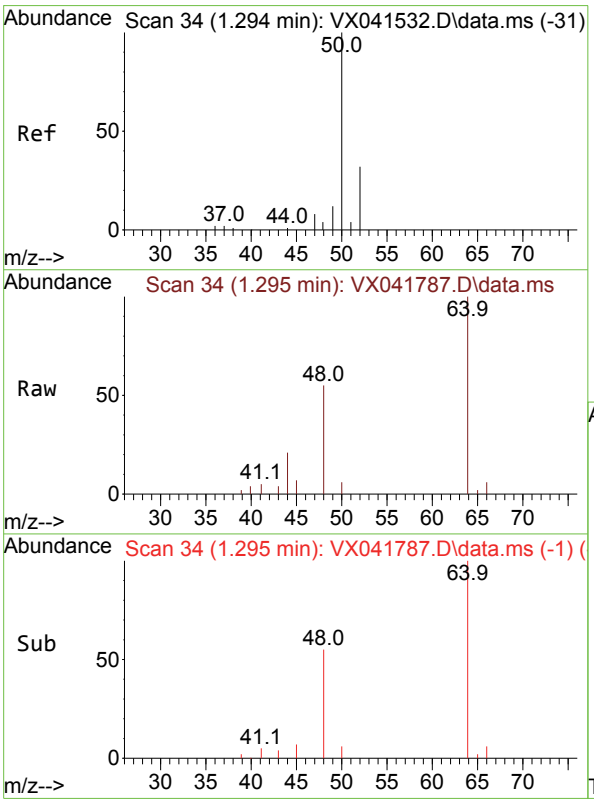
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.007 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 25344

Ion	Ratio	Lower	Upper
128	100		
49	148.0	0.0	361.5
130	126.0	0.0	324.3

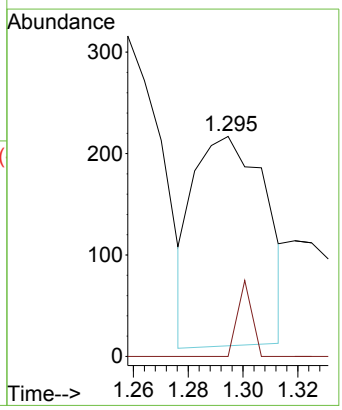


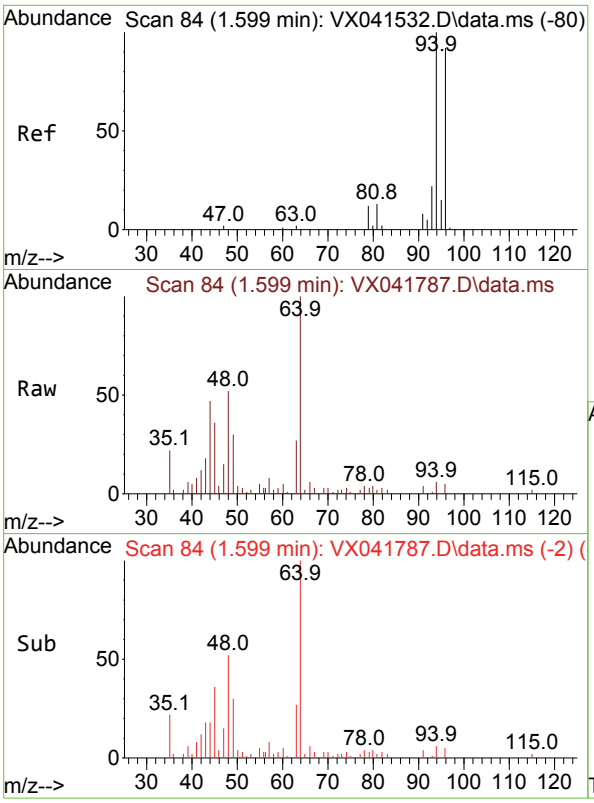


#3
Chloromethane
Concen: 0.259 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Tgt Ion: 50 Resp: 376

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.8	38.8#



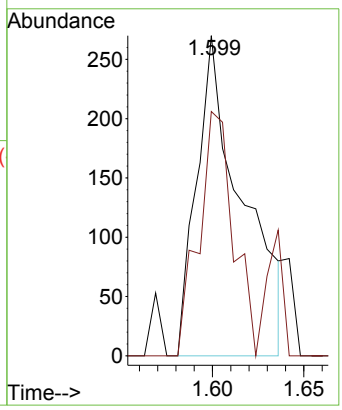


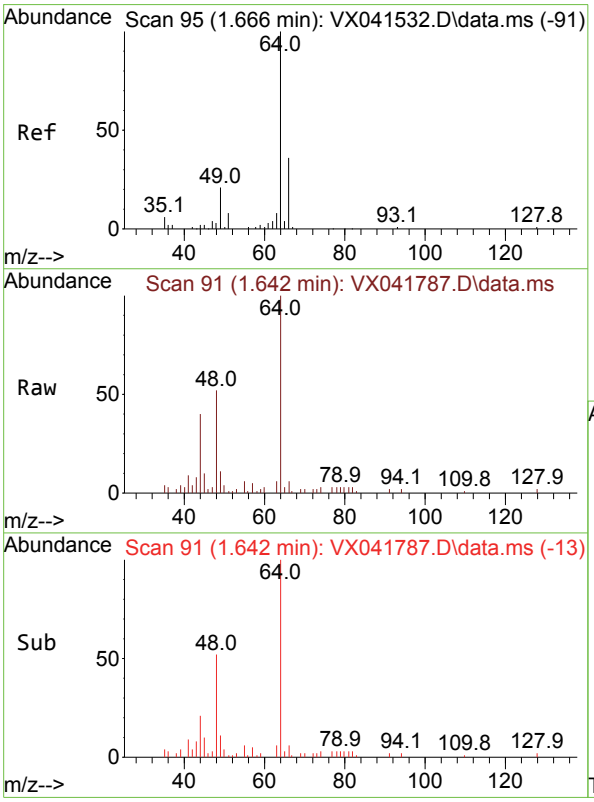
#5
Bromomethane
Concen: 0.481 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 468

Ion	Ratio	Lower	Upper
94	100		
96	76.3	73.9	110.9

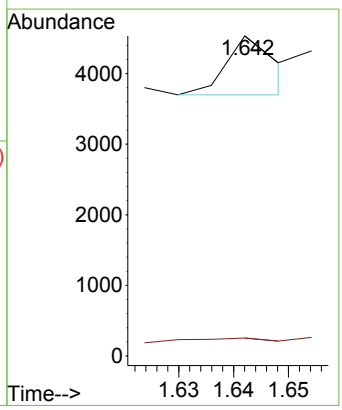


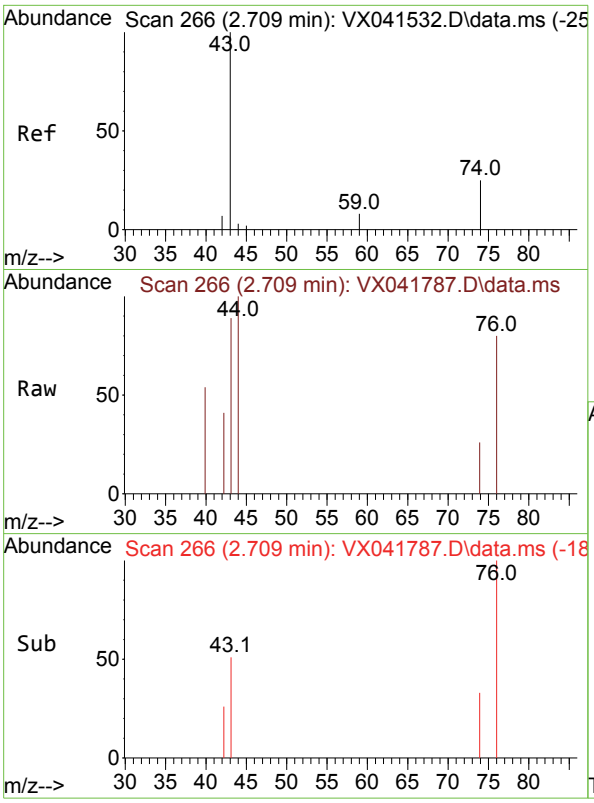


#6
Chloroethane
Concen: 0.670 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Tgt Ion: 64 Resp: 518

Ion	Ratio	Lower	Upper
64	100		
66	5.2	28.6	42.8#



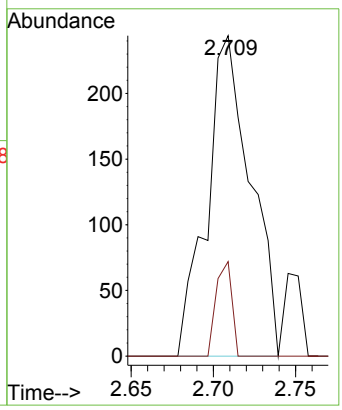


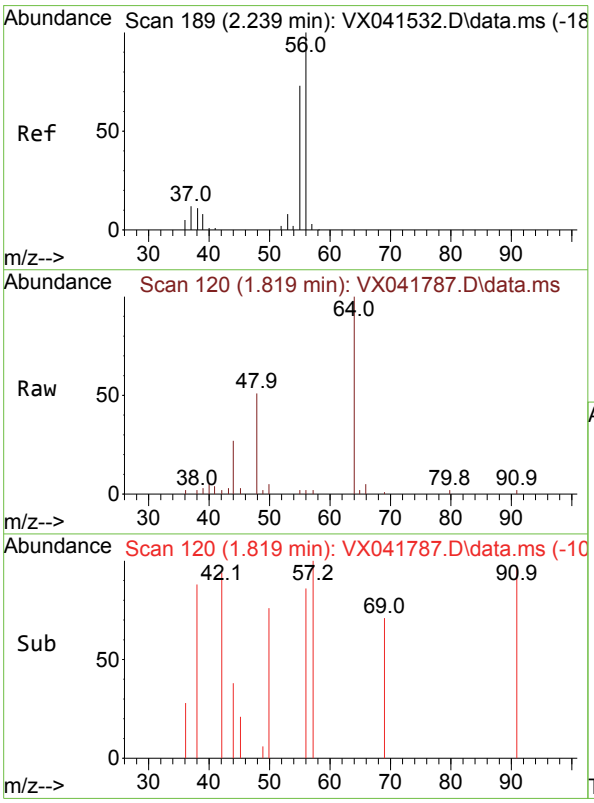
#12
Methyl Acetate
Concen: 0.231 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 451

Ion	Ratio	Lower	Upper
43	100		
74	29.5	19.9	29.9

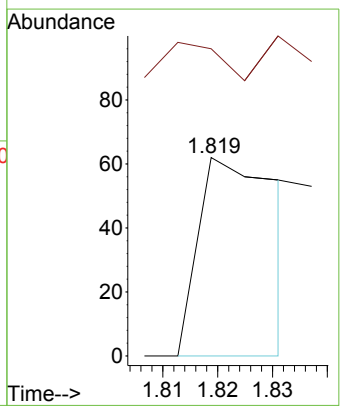


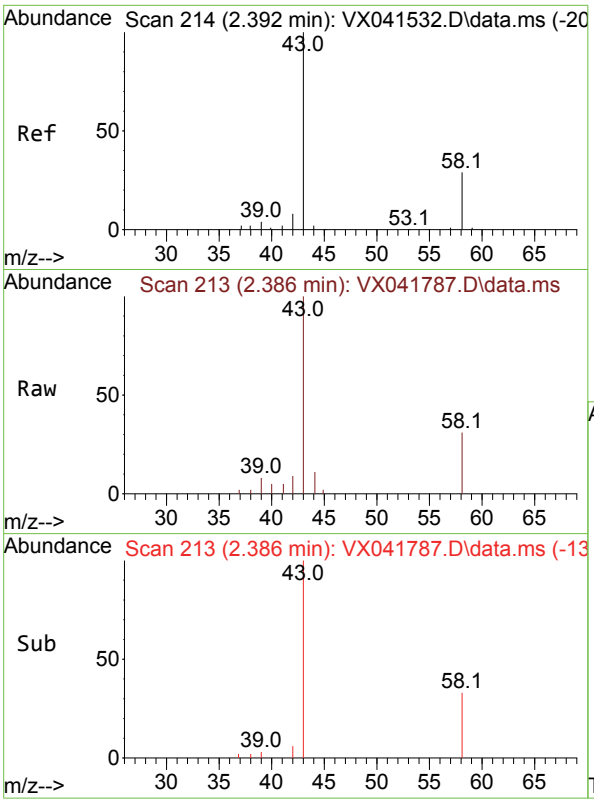


#13
Acrolein
Concen: 0.265 ug/l
RT: 1.819 min Scan# 120
Delta R.T. -0.420 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Tgt Ion: 56 Resp: 63

Ion	Ratio	Lower	Upper
56	100		
55	71.4	55.1	82.7



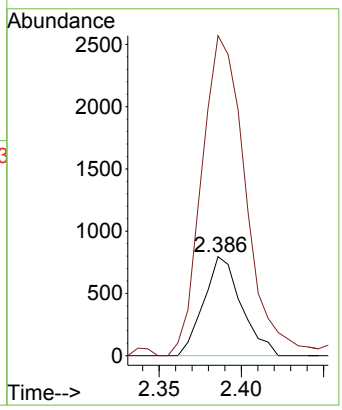


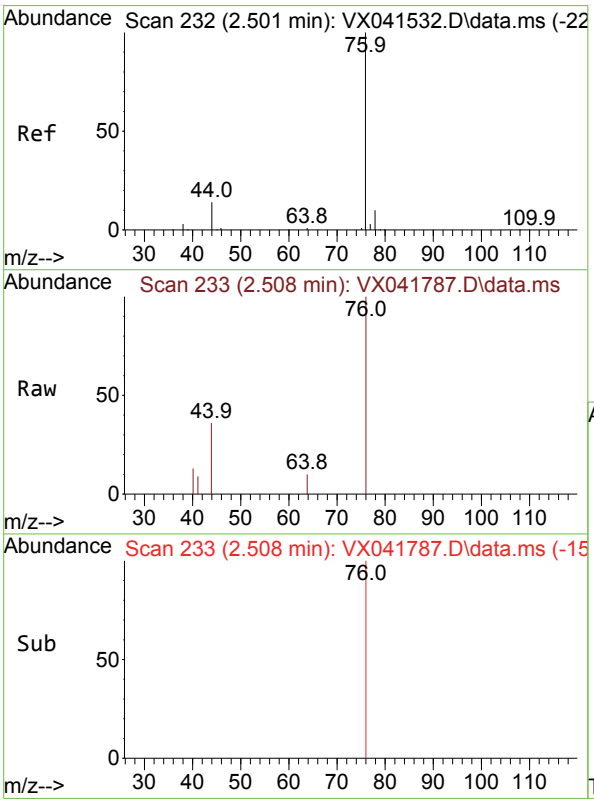
#15
Acetone
Concen: 5.508 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 58 Resp: 1267

Ion	Ratio	Lower	Upper
58	100		
43	310.3	274.0	411.0

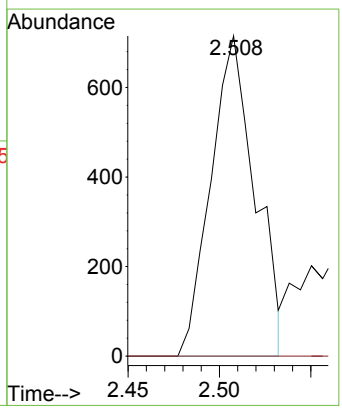


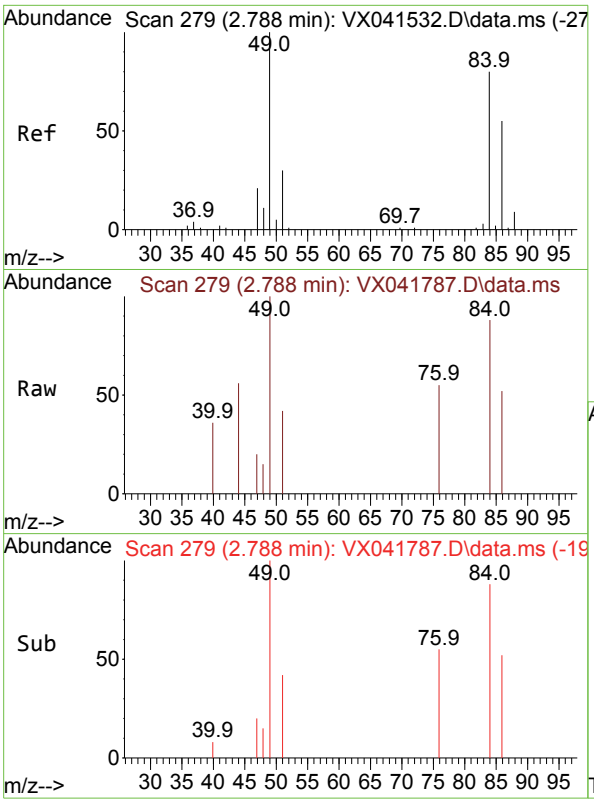


#16
Carbon Disulfide
Concen: 0.412 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Tgt Ion: 76 Resp: 1205

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#



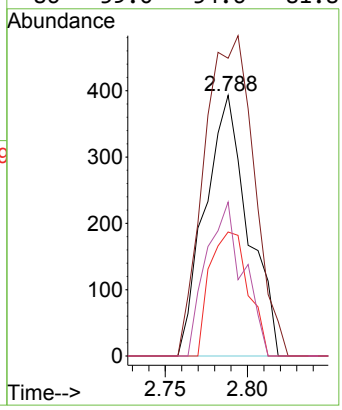


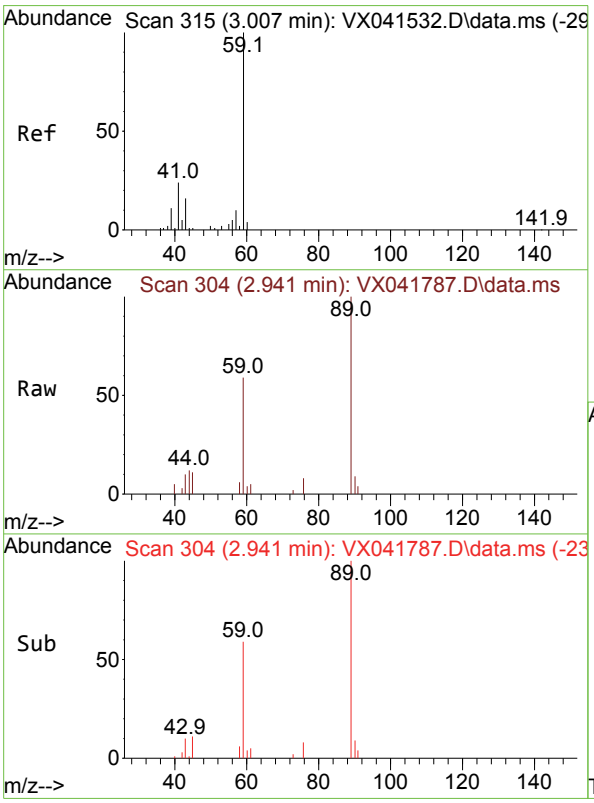
#18
Methylene Chloride
Concen: 0.464 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 715

Ion	Ratio	Lower	Upper
84	100		
49	114.2	99.8	149.8
51	47.6	30.2	45.4#
86	59.0	54.6	81.8

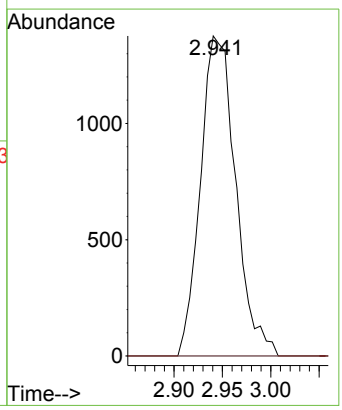


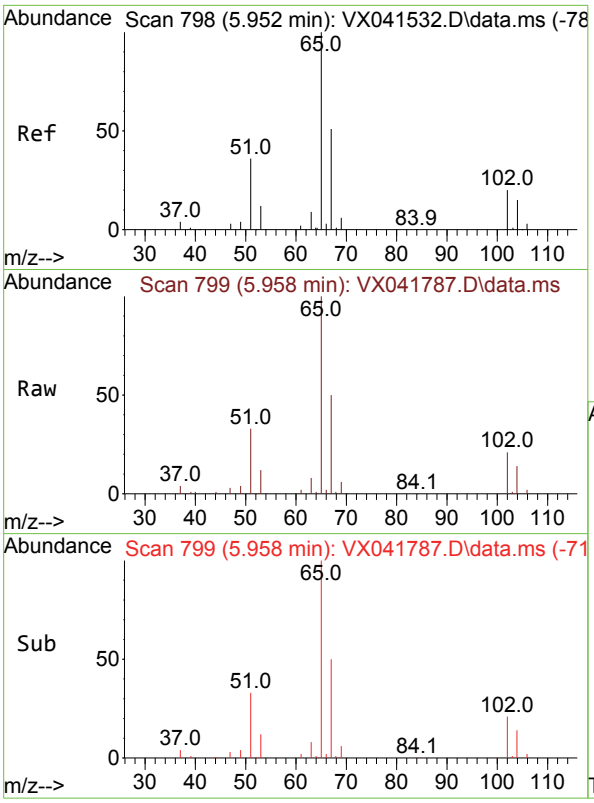


#23
tert-Butyl Alcohol
Concen: 9.554 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Tgt Ion: 59 Resp: 3481

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0



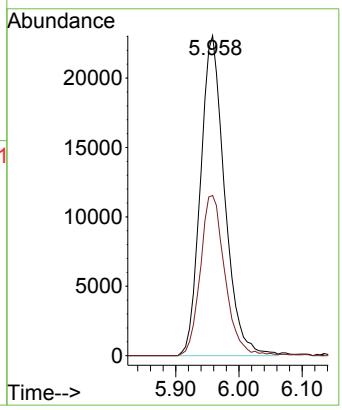


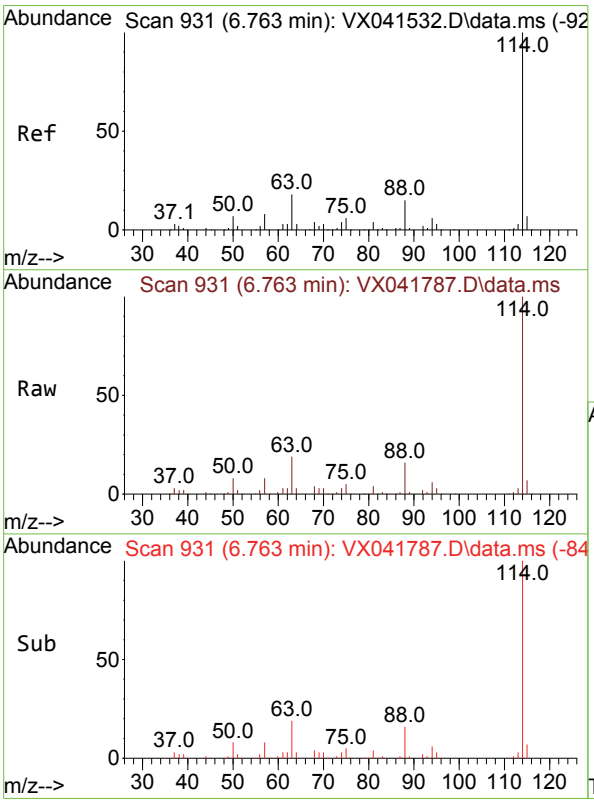
#27
1,2-Dichloroethane-d4
Concen: 30.633 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 61139

Ion	Ratio	Lower	Upper
65	100		
67	51.0	40.8	61.2

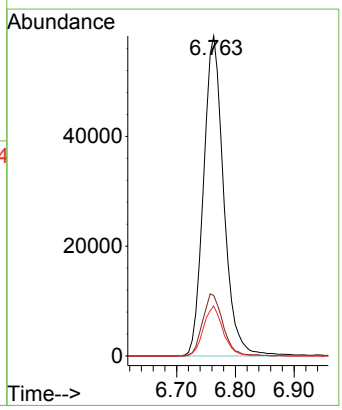


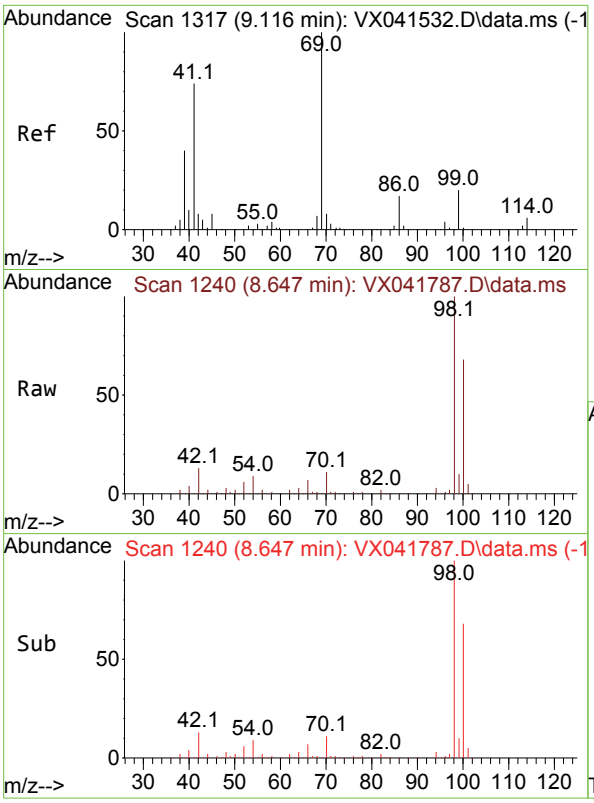


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Tgt Ion:114 Resp: 138912

Ion	Ratio	Lower	Upper
114	100		
63	19.4	15.4	23.0
88	15.0	12.2	18.2



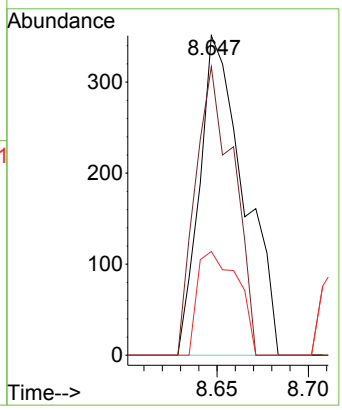


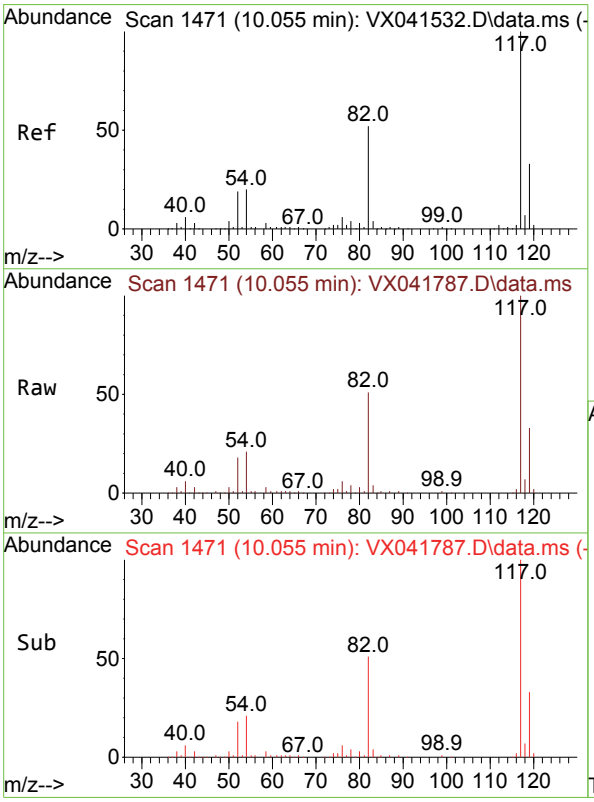
#51
Ethyl methacrylate
Concen: 0.245 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.469 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 592

Ion	Ratio	Lower	Upper
69	100		
41	90.3	37.1	111.3
39	32.5	20.2	60.6

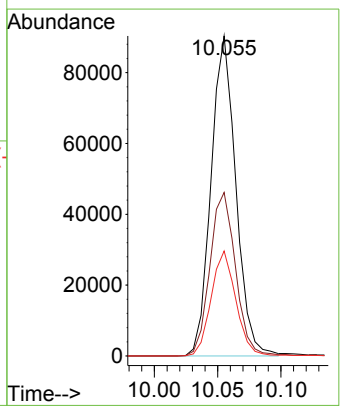


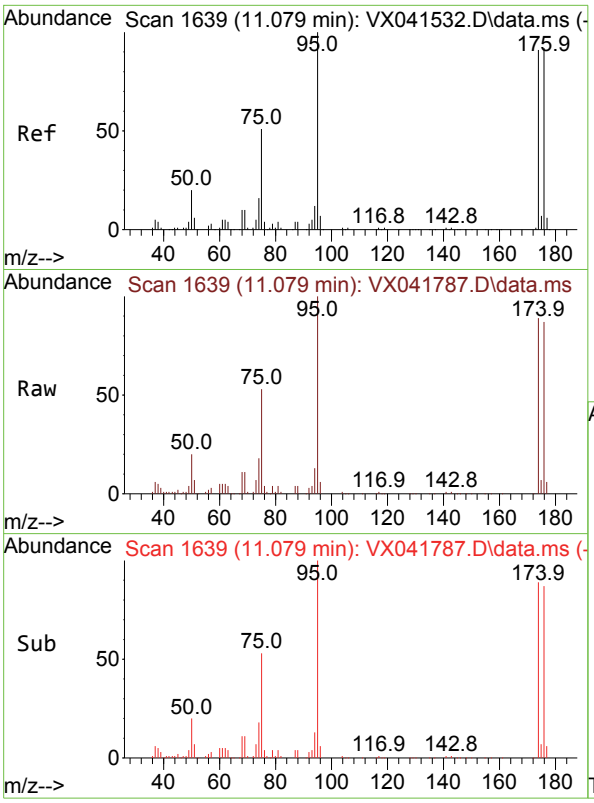


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Tgt Ion:117 Resp: 123060

Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.7	62.5
119	32.8	25.7	38.5



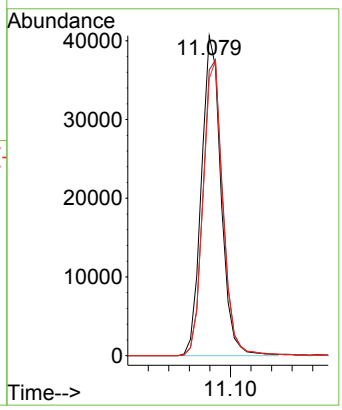


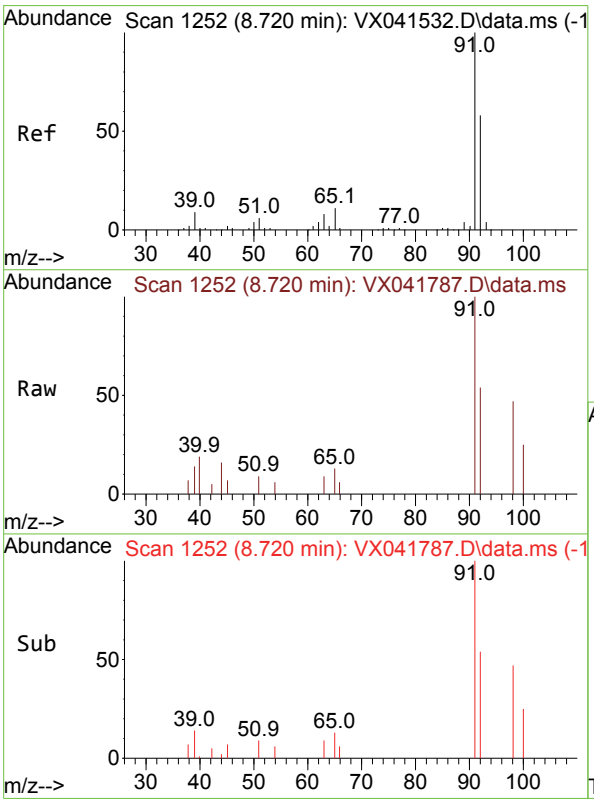
#60
4-Bromofluorobenzene
Concen: 28.051 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 53887

Ion	Ratio	Lower	Upper
95	100		
174	94.3	76.6	115.0
176	91.4	75.4	113.0

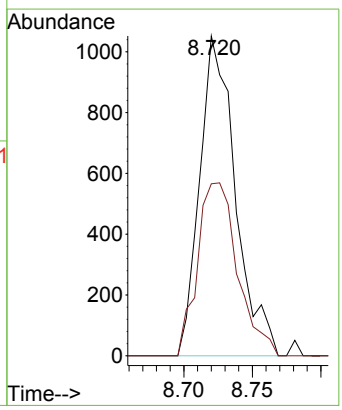


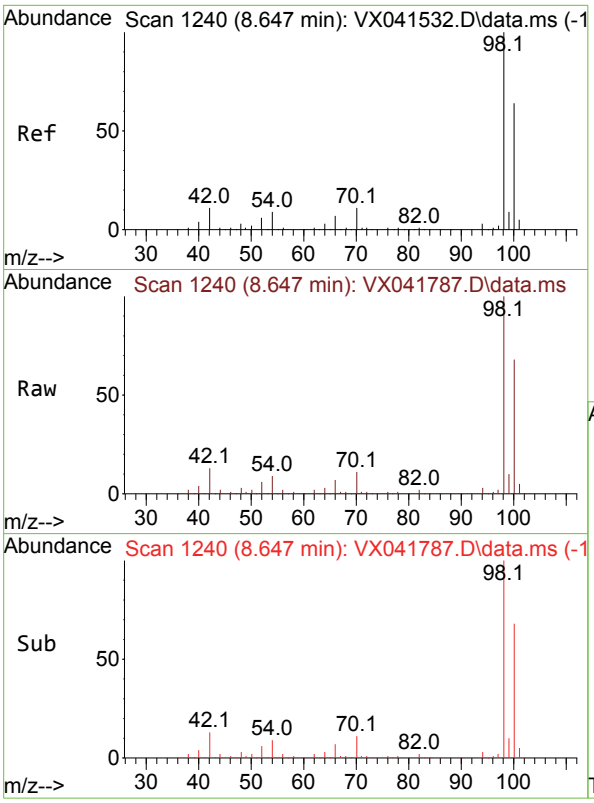


#62
Toluene
Concen: 0.312 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Tgt Ion: 91 Resp: 1909

Ion	Ratio	Lower	Upper
91	100		
92	60.6	47.0	70.6



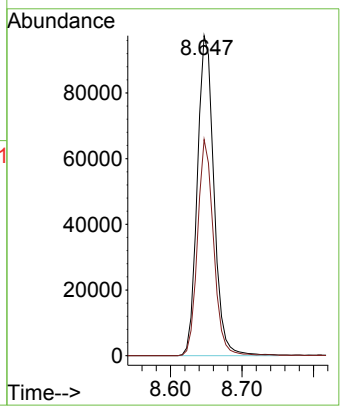


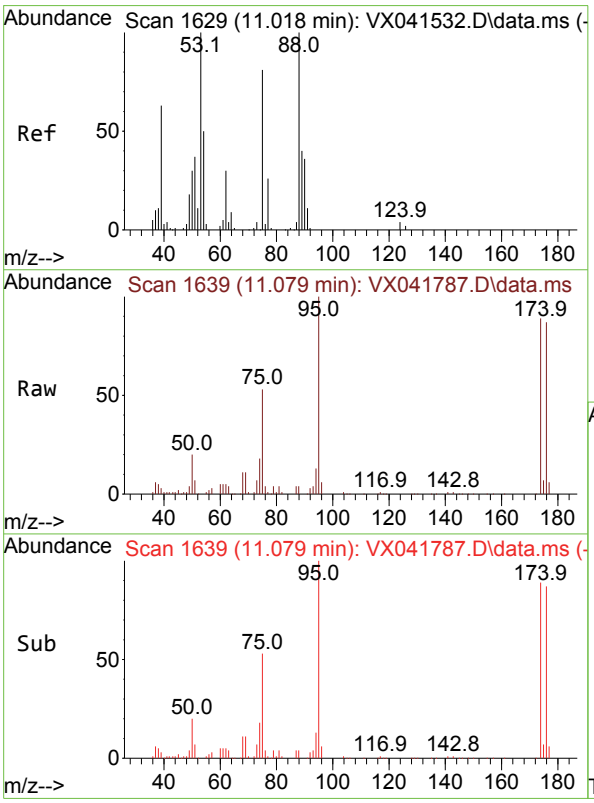
#63
Toluene-d8
Concen: 29.728 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 156817

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.1	79.7





#77
t-1,4-Dichloro-2-butene
Concen: 42.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041787.D
Acq: 07 Jun 2024 13:50

Tgt Ion: 75 Resp: 27924

Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.8	185.3#
89	0.0	24.9	74.7#