Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059930.D
Acq On : 12 Jul 2024 18:33
Operator : MD/SY
Sample : P3217-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Quant Time: Jul 13 04:00:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 13 03:52:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.261	114	196862	5.000	ug/L	0.02
28) Chlorobenzene-d5	9.415	117	196108	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103947	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	57495	4.200	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.000%			
7) Chloroethane-d5	1.923	69	47589	3.613	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.200%			
11) 1,1-Dichloroethene-d2	2.566	65	29454	5.186	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.800%			
20) 2-Butanone-d5	4.727	46	119494	42.378	ug/L	0.10
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.760%			
24) Chloroform-d	5.084	84	101881	3.626	ug/L	0.03
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.600%			
26) 1,2-Dichloroethane-d4	5.721	65	51633	3.815	ug/L	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.200%			
32) Benzene-d6	5.740	84	212234	3.932	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.600%			
36) 1,2-Dichloropropane-d6	6.701	67	65215	3.943	ug/L	0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.800%			
41) Toluene-d8	7.901	98	192842	3.843	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.800%			
43) trans-1,3-Dichloroprop...	8.184	79	22783	4.399	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.000%			
46) 2-Hexanone-d5	8.640	63	103480	48.091	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.180%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53596	3.922	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 78.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	79947	4.321	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.400%			
Target Compounds						Qvalue
8) Chloroethane	1.943	64	7479	0.626	ug/L	90
13) Acetone	2.743	43	187347	102.426	ug/L	93
19) 1,1-Dichloroethane	3.894	63	23091	0.862	ug/L	97
21) 2-Butanone	4.795	43	413222	140.849	ug/L	93
22) cis-1,2-Dichloroethene	4.692	96	24630	1.539	ug/L	95
33) Benzene	5.791	78	31076	0.522	ug/L	100
42) Toluene	7.971	91	7662	0.122	ug/L	93
48) 2-Hexanone	8.695	43	33839	6.640	ug/L #	95
51) Chlorobenzene	9.447	112	47349	1.184	ug/L	94
53) m,p-Xylene	9.695	106	3192	0.129	ug/L	98
60) Isopropylbenzene	10.483	105	7465	0.116	ug/L #	82
65) 1,4-Dichlorobenzene	11.830	146	7167	0.213	ug/L	92
67) 1,2-Dichlorobenzene	12.206	146	13870	0.451	ug/L	97

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

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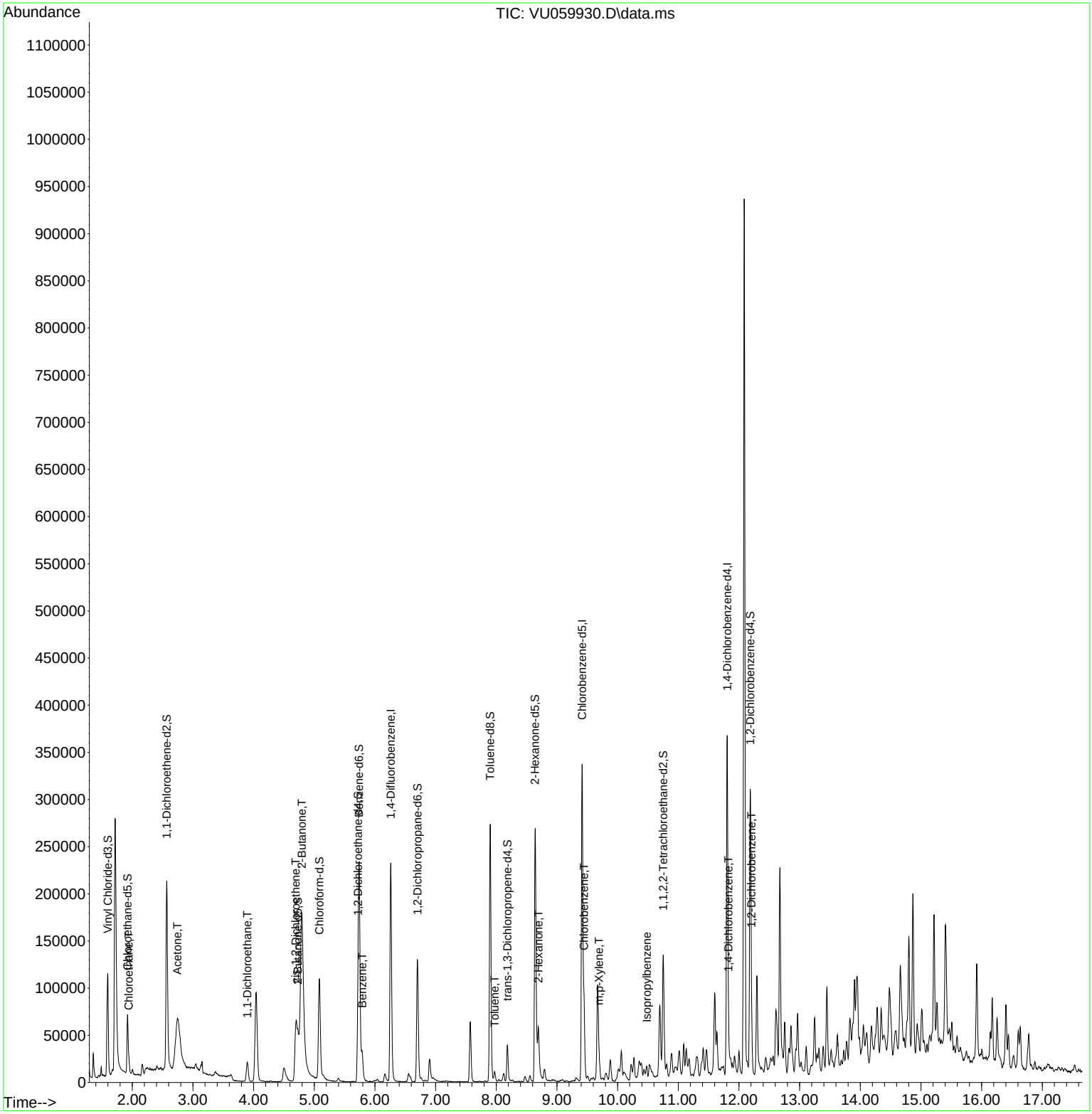
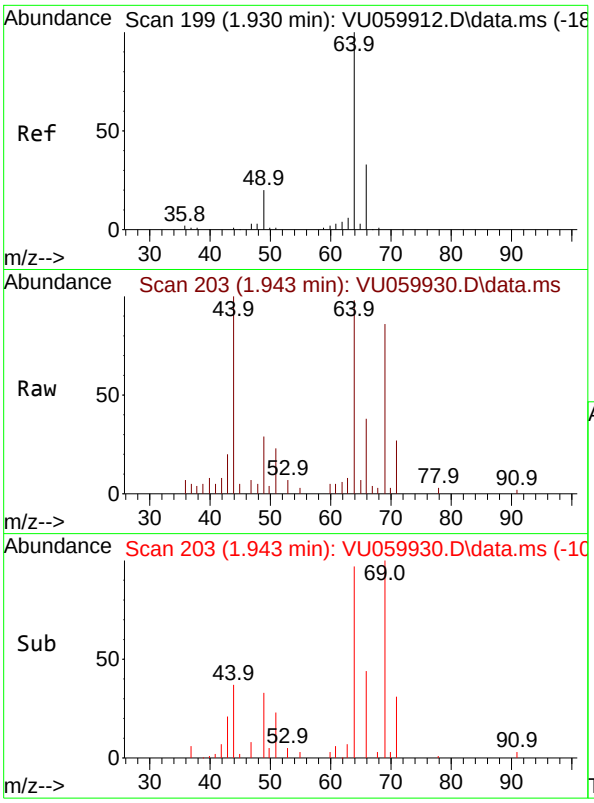
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 13 03:52:33 2024
Response via : Initial Calibration



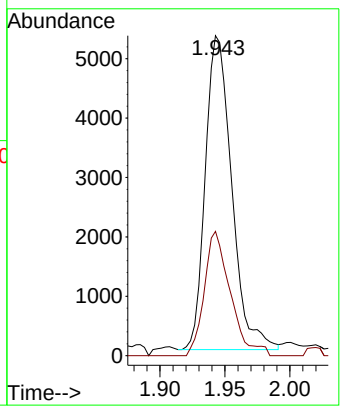


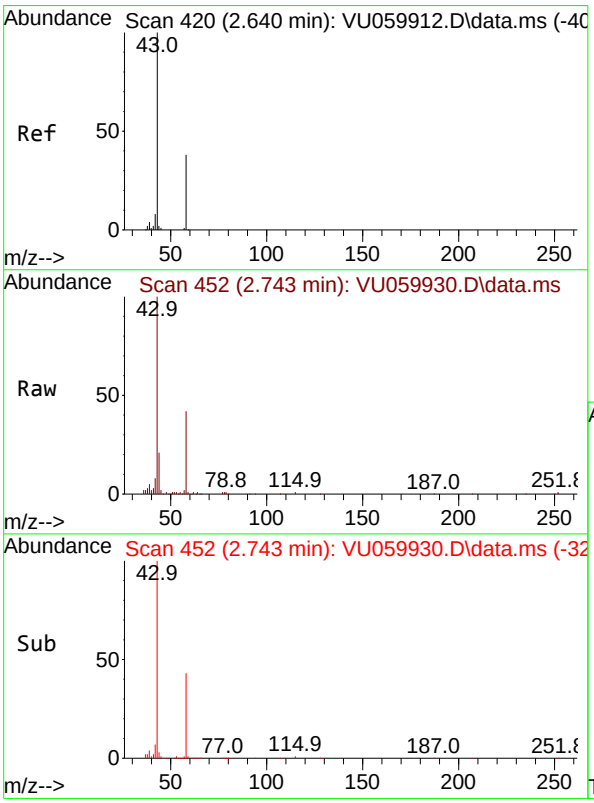
#8
Chloroethane
Concen: 0.626 ug/L
RT: 1.943 min Scan# 2
Delta R.T. 0.013 min
Lab File: VU059930.D
Acq: 12 Jul 2024 18:33

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Tgt Ion: 64 Resp: 7479

Ion	Ratio	Lower	Upper
64	100		
66	38.8	23.2	43.2

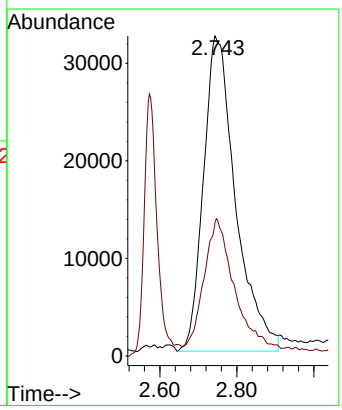


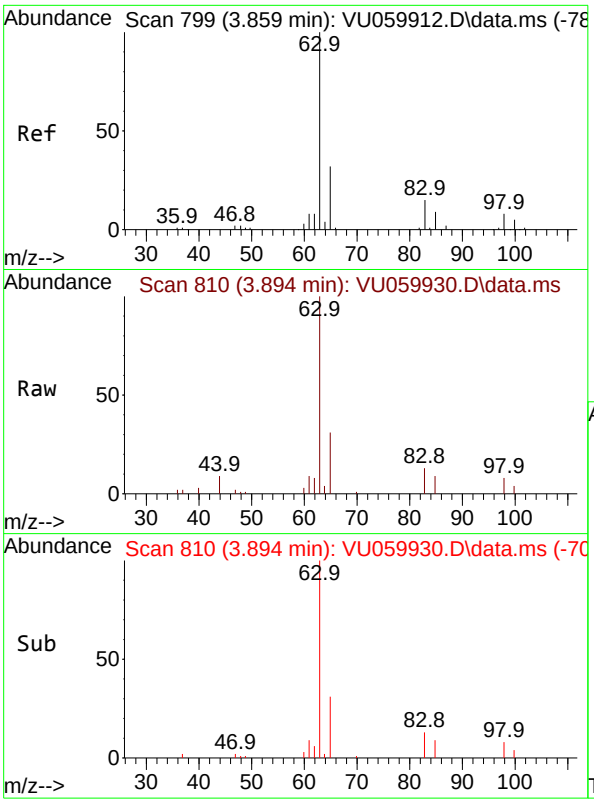


#13
Acetone
Concen: 102.426 ug/L
RT: 2.743 min Scan# 452
Delta R.T. 0.103 min
Lab File: VU059930.D
Acq: 12 Jul 2024 18:33

Tgt Ion: 43 Resp: 187347

Ion	Ratio	Lower	Upper
43	100		
58	37.8	0.0	68.0



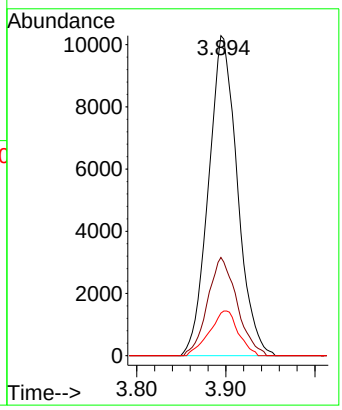


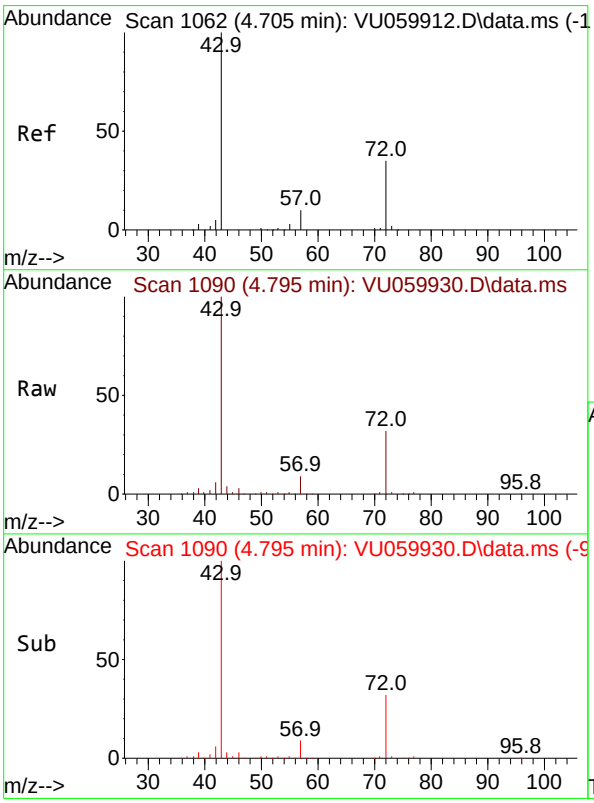
#19
1,1-Dichloroethane
Concen: 0.862 ug/L
RT: 3.894 min Scan# 8
Delta R.T. 0.035 min
Lab File: VU059930.D
Acq: 12 Jul 2024 18:33

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Tgt Ion: 63 Resp: 23091

Ion	Ratio	Lower	Upper
63	100		
65	29.4	21.8	40.6
83	12.8	9.9	18.5

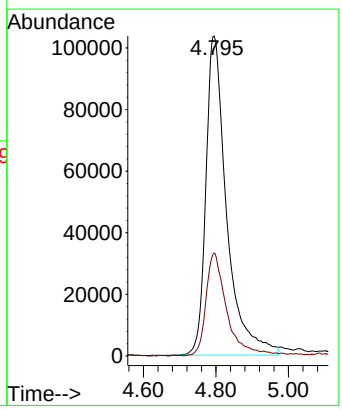


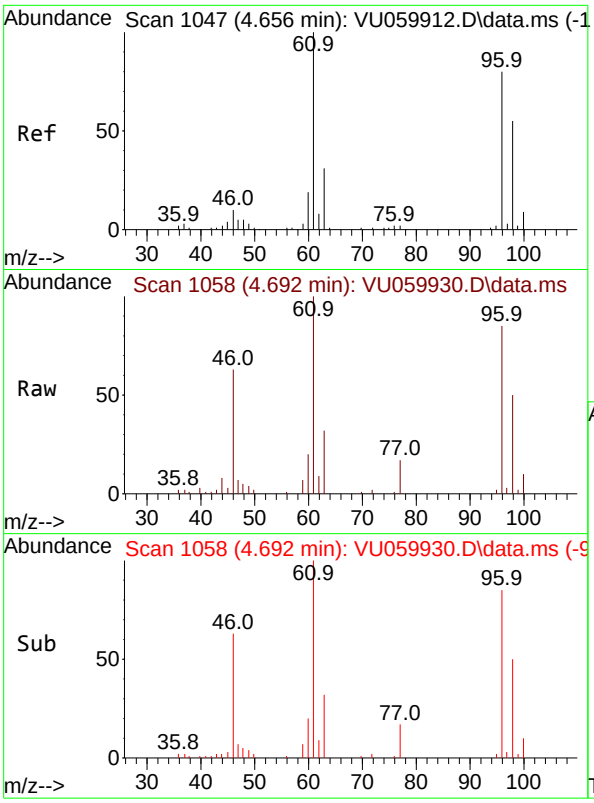


#21
2-Butanone
Concen: 140.849 ug/L
RT: 4.795 min Scan# 1090
Delta R.T. 0.090 min
Lab File: VU059930.D
Acq: 12 Jul 2024 18:33

Tgt Ion: 43 Resp: 413222

Ion	Ratio	Lower	Upper
43	100		
72	31.5	13.8	41.4



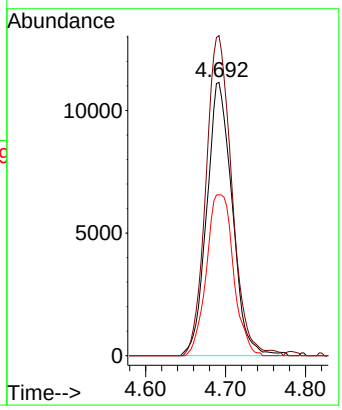


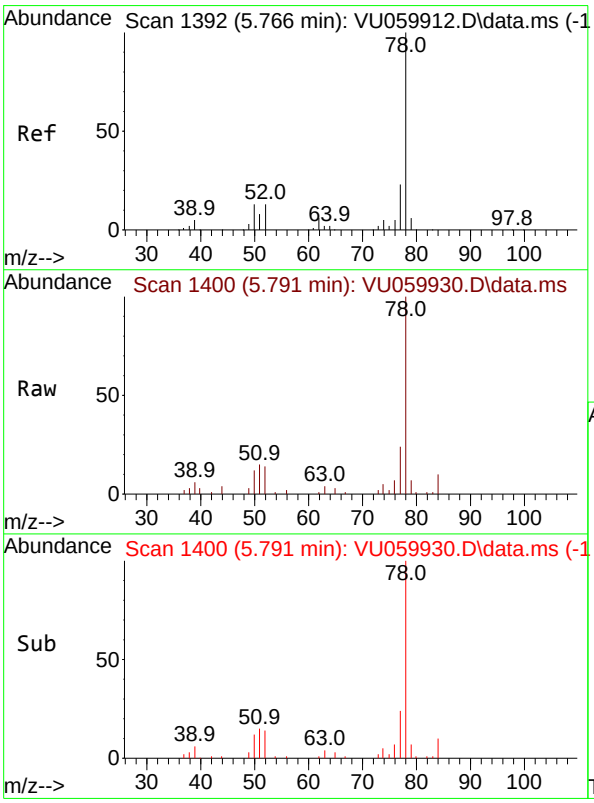
#22
cis-1,2-Dichloroethene
Concen: 1.539 ug/L
RT: 4.692 min Scan# 1
Delta R.T. 0.035 min
Lab File: VU059930.D
Acq: 12 Jul 2024 18:33

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Tgt Ion: 96 Resp: 24630

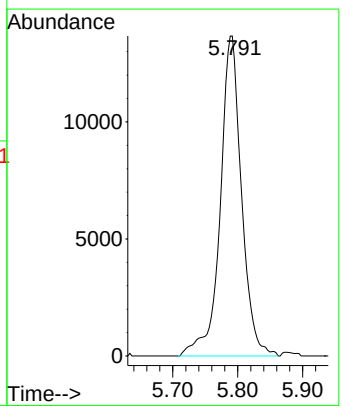
Ion	Ratio	Lower	Upper
96	100		
61	117.1	87.4	162.2
98	58.9	42.3	78.5

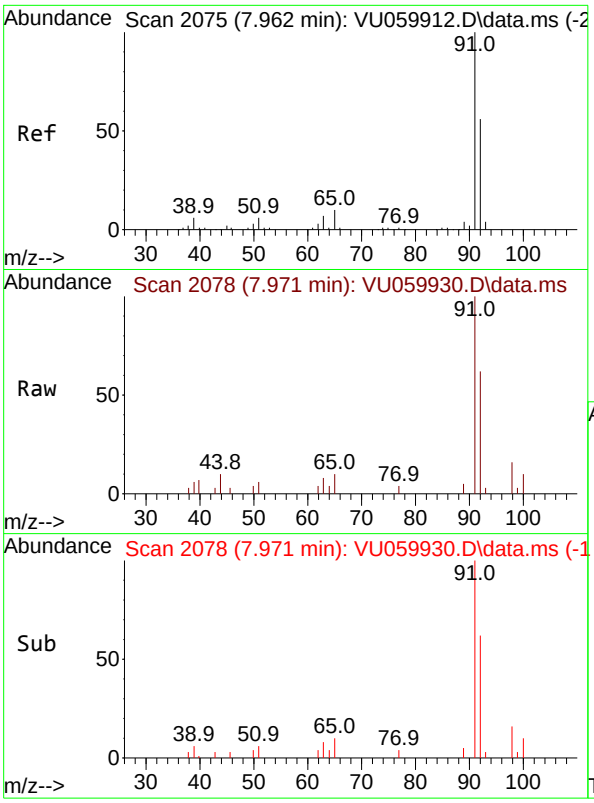




#33
Benzene
Concen: 0.522 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. 0.026 min
Lab File: VU059930.D
Acq: 12 Jul 2024 18:33

Tgt Ion: 78 Resp: 31076



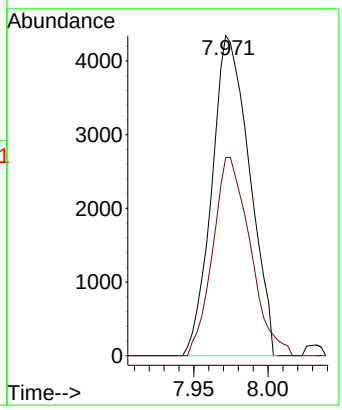


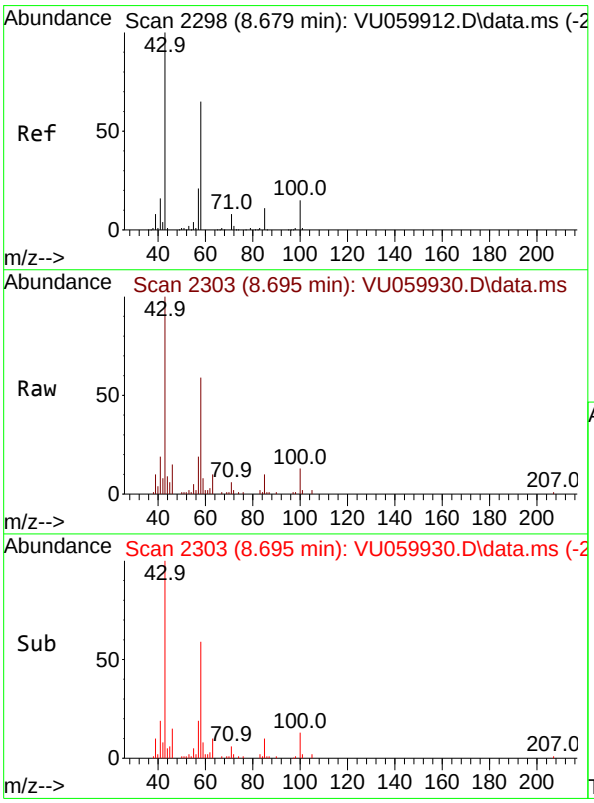
#42
Toluene
Concen: 0.122 ug/L
RT: 7.971 min Scan# 2
Delta R.T. 0.010 min
Lab File: VU059930.D
Acq: 12 Jul 2024 18:33

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Tgt Ion: 91 Resp: 7662

Ion	Ratio	Lower	Upper
91	100		
92	61.9	39.7	73.7

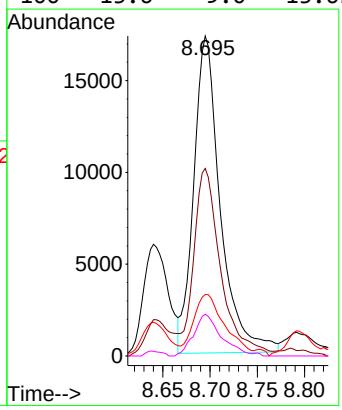


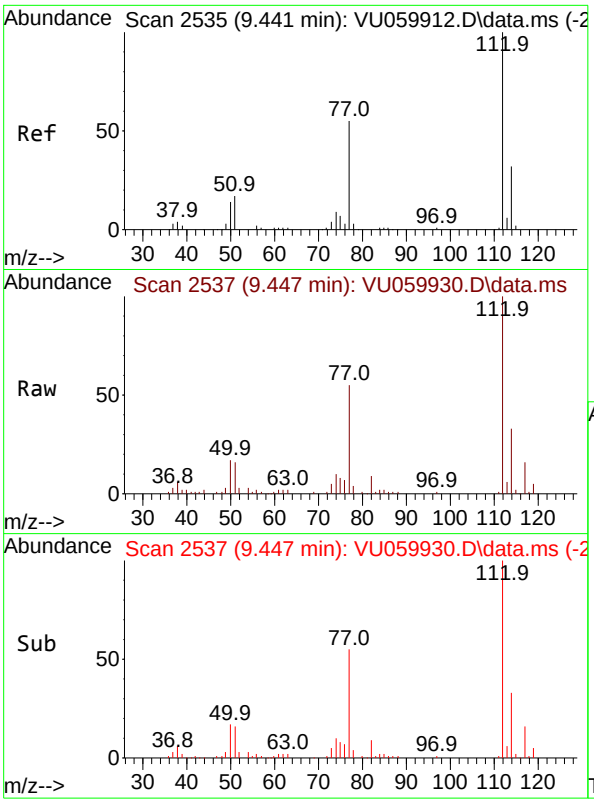


#48
2-Hexanone
Concen: 6.640 ug/L
RT: 8.695 min Scan# 2303
Delta R.T. 0.016 min
Lab File: VU059930.D
Acq: 12 Jul 2024 18:33

Tgt Ion: 43 Resp: 33839

Ion	Ratio	Lower	Upper
43	100		
58	60.1	46.1	69.1
57	22.9	15.5	23.3
100	13.6	9.0	13.6#



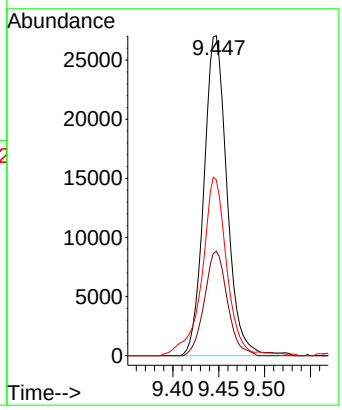


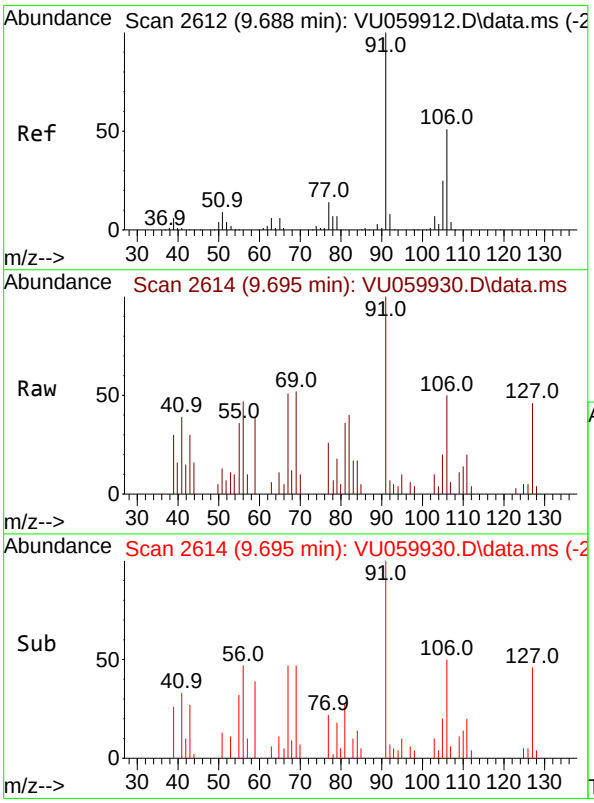
#51
Chlorobenzene
Concen: 1.184 ug/L
RT: 9.447 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU059930.D
Acq: 12 Jul 2024 18:33

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Tgt Ion:112 Resp: 47349

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.4	41.6
77	55.0	49.1	73.7

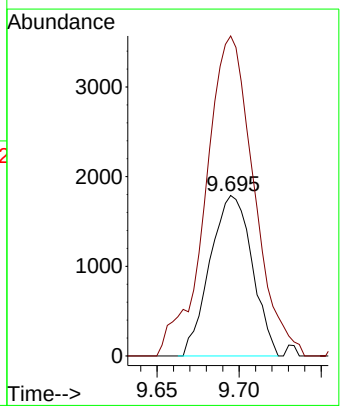


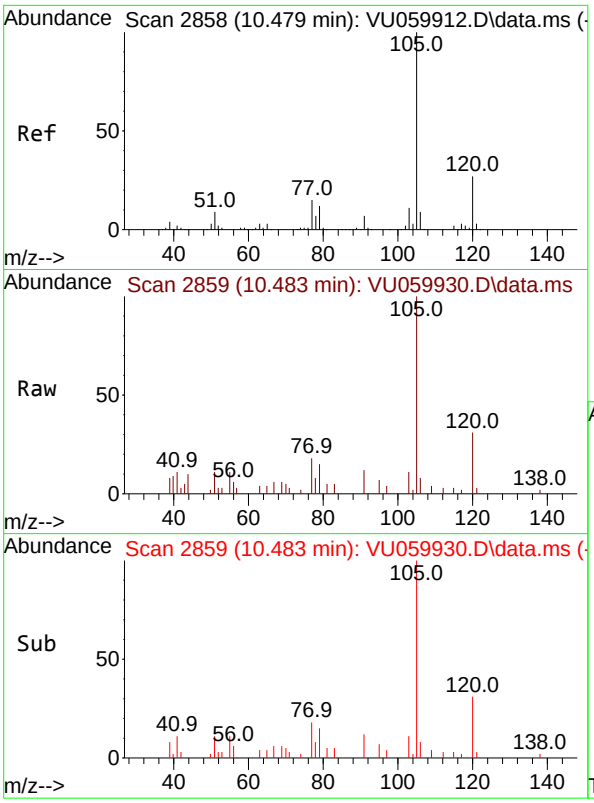


#53
m,p-Xylene
Concen: 0.129 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.006 min
Lab File: VU059930.D
Acq: 12 Jul 2024 18:33

Tgt Ion:106 Resp: 3192

Ion	Ratio	Lower	Upper
106	100		
91	199.4	142.0	263.8



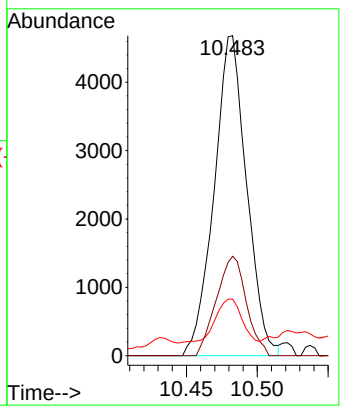


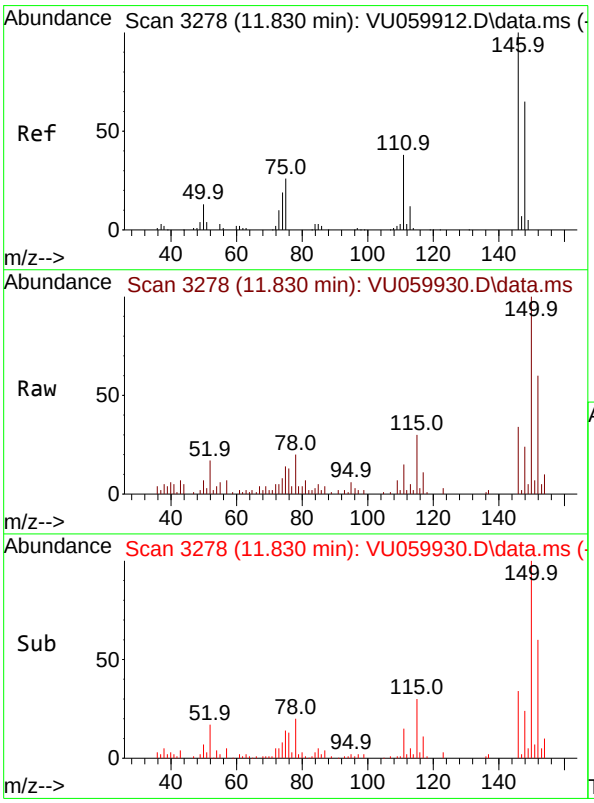
#60
Isopropylbenzene
Concen: 0.116 ug/L
RT: 10.483 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU059930.D
Acq: 12 Jul 2024 18:33

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Tgt Ion:105 Resp: 7465

Ion	Ratio	Lower	Upper
105	100		
120	28.6	20.6	31.0
77	0.0	12.8	19.2#

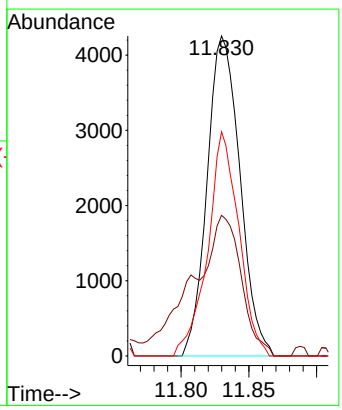


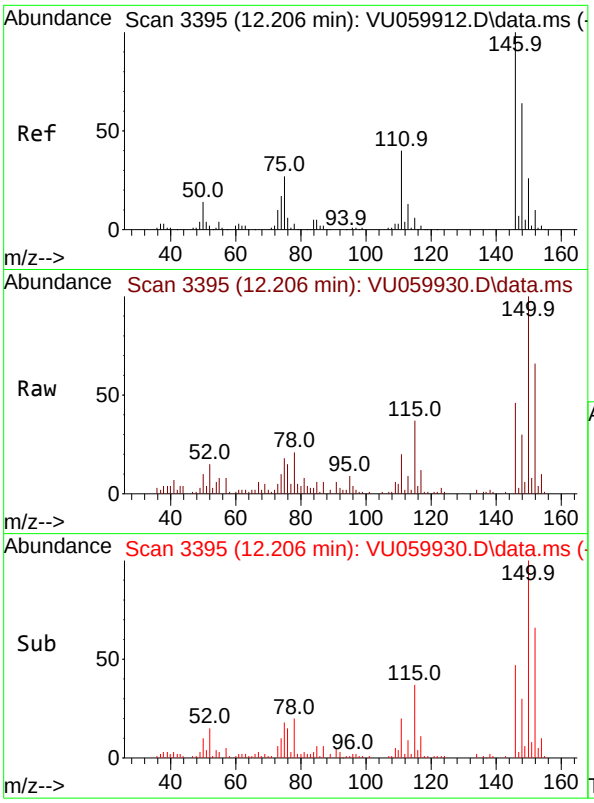


#65
1,4-Dichlorobenzene
Concen: 0.213 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059930.D
Acq: 12 Jul 2024 18:33

Tgt Ion:146 Resp: 7167

Ion	Ratio	Lower	Upper
146	100		
111	44.0	26.9	50.1
148	70.0	45.3	84.1





#67
1,2-Dichlorobenzene
Concen: 0.451 ug/L
RT: 12.206 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU059930.D
Acq: 12 Jul 2024 18:33

Instrument :
MSVOA_U
ClientSampleId :
YDZK5

Tgt Ion:146 Resp: 13870

Ion	Ratio	Lower	Upper
146	100		
111	43.7	33.4	50.0
148	64.6	49.7	74.5