Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
Data File : VU051735.D
Acq On : 03 Nov 2022 15:50
Operator : JC/MD
Sample : N5407-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW4Y1

Quant Time: Nov 04 00:51:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 04 00:49:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	191311	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	203224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	115315	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54110	3.755	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.200%			
7) Chloroethane-d5	1.912	69	53276	3.545	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.000%			
11) 1,1-Dichloroethene-d2	2.565	65	22592	4.320	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.400%			
20) 2-Butanone-d5	4.623	46	163547	31.342	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 62.680%			
24) Chloroform-d	5.060	84	132438	3.928	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.600%			
26) 1,2-Dichloroethane-d4	5.700	65	65327	3.587	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.800%			
32) Benzene-d6	5.726	84	251006	3.914	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.200%			
36) 1,2-Dichloropropane-d6	6.687	67	86557	3.860	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 77.200%			
41) Toluene-d8	7.896	98	231748	4.595	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
43) trans-1,3-Dichloroprop...	8.179	79	30296	4.418	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.400%			
46) 2-Hexanone-d5	8.629	63	145061	35.143	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 70.280%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	77013	3.748	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 75.000%			
66) 1,2-Dichlorobenzene-d4	12.188	152	99220	4.688	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	3311	0.131	ug/L #	1
8) Chloroethane	2.150	64	5786	0.377	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	857	0.053	ug/L #	19
13) Acetone	2.629	43	450785	170.260	ug/L	100
14) Carbon disulfide	2.790	76	185421	3.458	ug/L	98
15) Methyl Acetate	2.957	43	10325	1.490	ug/L	95
16) Methylene chloride	3.044	84	196765	7.223	ug/L	99
19) 1,1-Dichloroethane	3.867	63	388278	11.794	ug/L	100
21) 2-Butanone	4.703	43	203855	49.166	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	2527	0.128	ug/L	90
33) Benzene	5.774	78	32689	0.408	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	206348	19.944	ug/L	98
42) Toluene	7.967	91	102920	1.250	ug/L	95
52) Ethylbenzene	9.568	91	13503	0.170	ug/L	93
53) m,p-Xylene	9.690	106	17843	0.578	ug/L	95
54) o-Xylene	10.099	106	6943	0.230	ug/L	96
61) 1,2,3-Trichloropropane	11.809	75	14484	0.971	ug/L #	62
62) 1,3,5-Trimethylbenzene	11.089	105	3984	0.176	ug/L	91
63) 1,2,4-Trimethylbenzene	11.465	105	11408	0.175	ug/L	98

Quantitation Report (Not Reviewed)

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Instrument :
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Quant Time: Nov 04 00:51:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 04 00:49:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Naphthalene	14.086	128	11011	0.257	ug/L	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 04 00:49:19 2022
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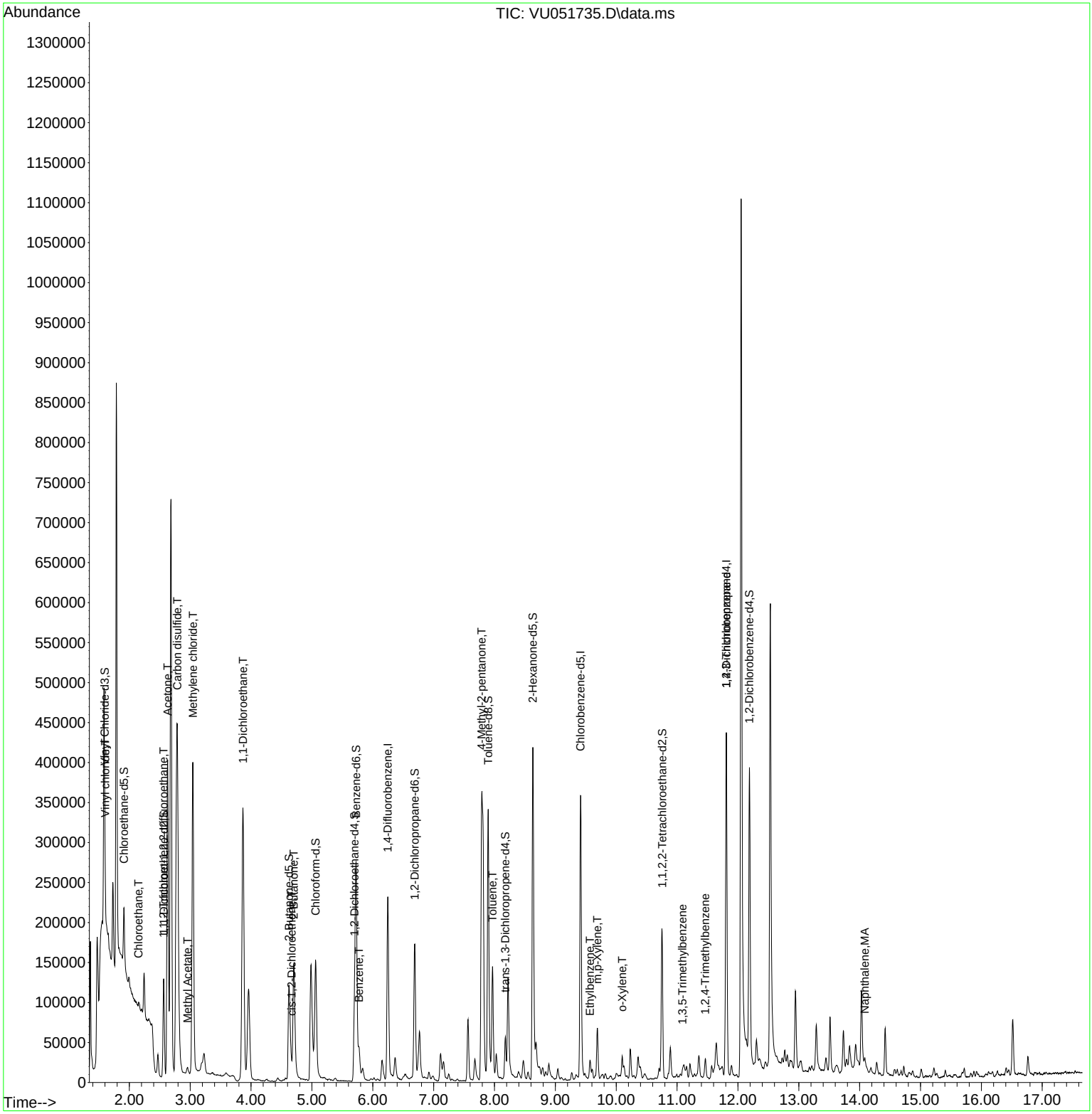
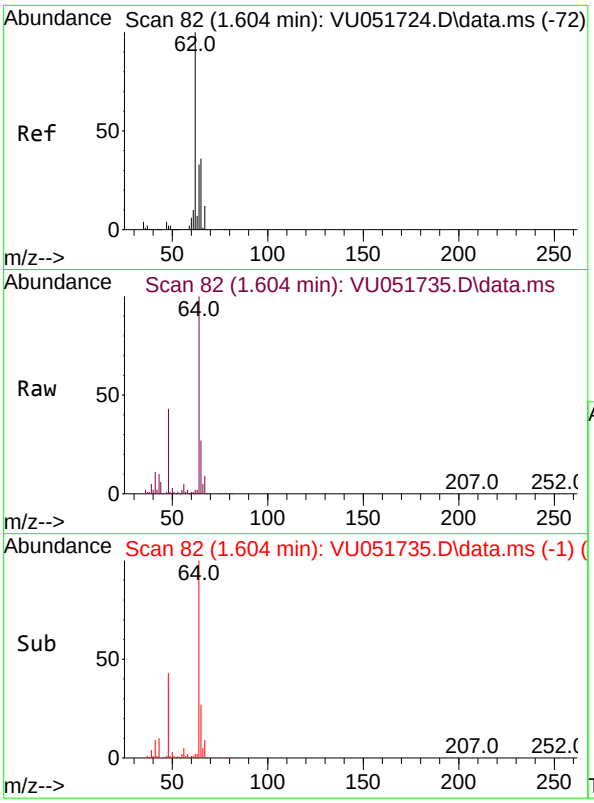


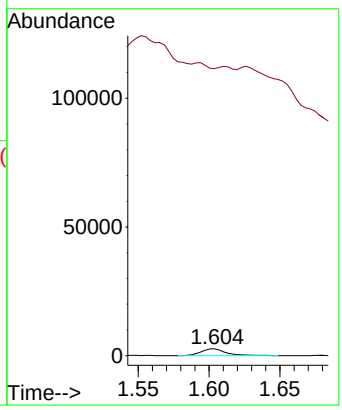


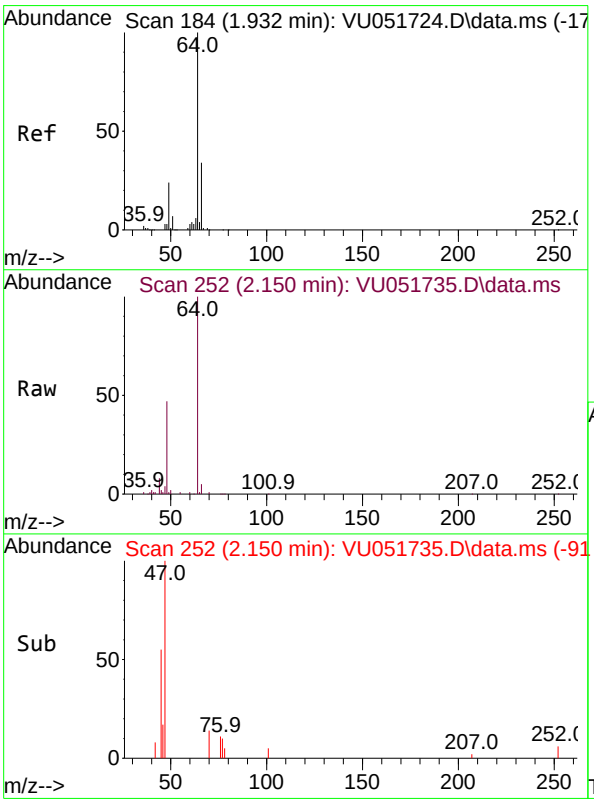
#5
Vinyl chloride
Concen: 0.131 ug/L
RT: 1.604 min Scan# 8
Delta R.T. 0.000 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Instrument :
MSVOA_U
ClientSampleId :
EW4Y1

Tgt Ion: 62 Resp: 3311

Ion	Ratio	Lower	Upper
62	100		
64	4135.3	22.1	41.1#

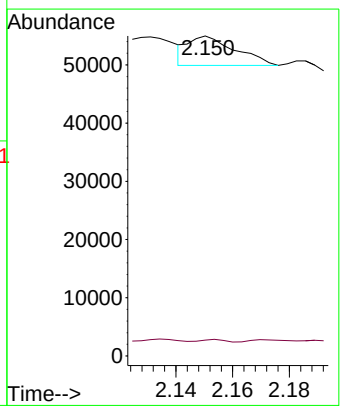


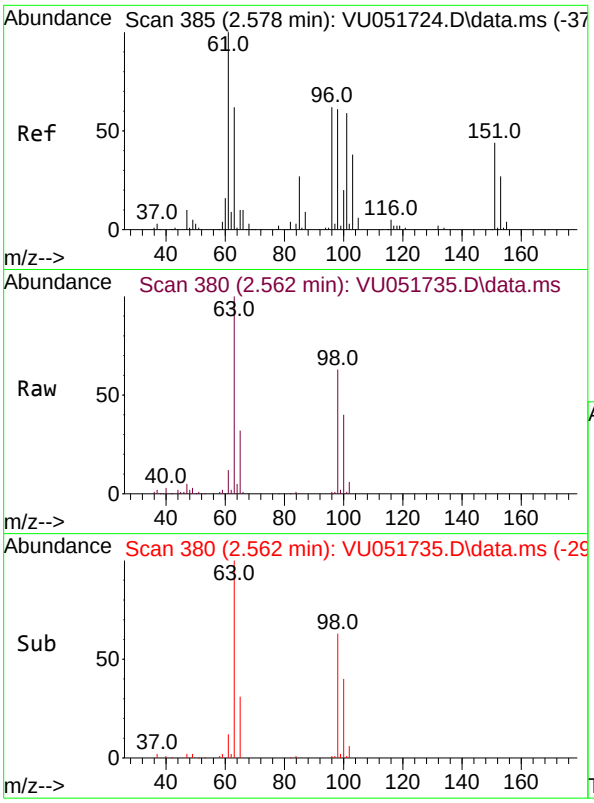


#8
Chloroethane
Concen: 0.377 ug/L
RT: 2.150 min Scan# 252
Delta R.T. 0.219 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Tgt Ion: 64 Resp: 5786

Ion	Ratio	Lower	Upper
64	100		
66	4.9	22.3	41.5#



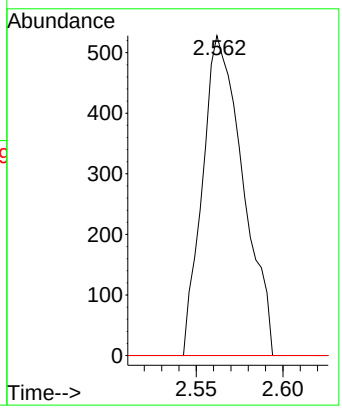


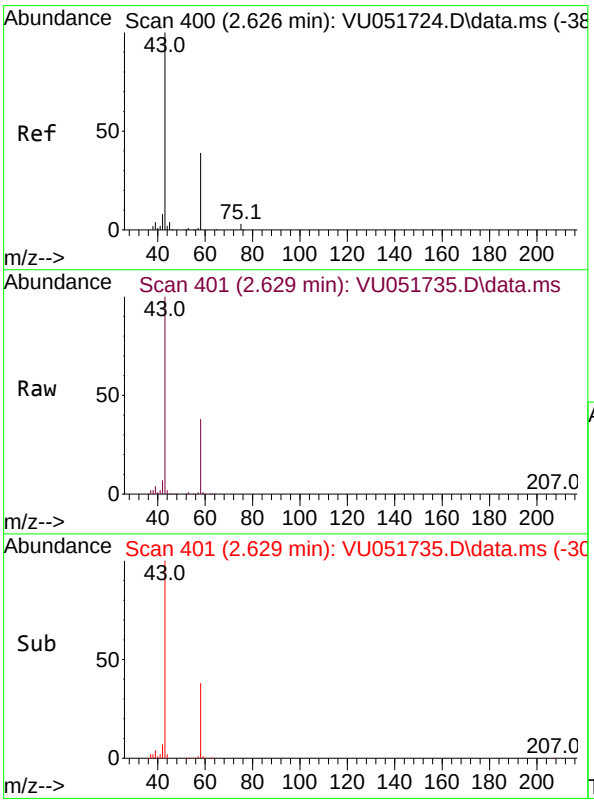
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.562 min Scan# 3
Delta R.T. -0.016 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Instrument :
MSVOA_U
ClientSampleId :
EW4Y1

Tgt Ion:101 Resp: 857

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	59.6	89.4#

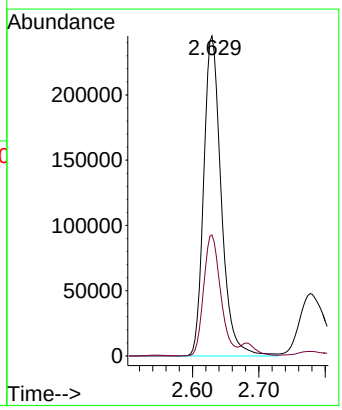


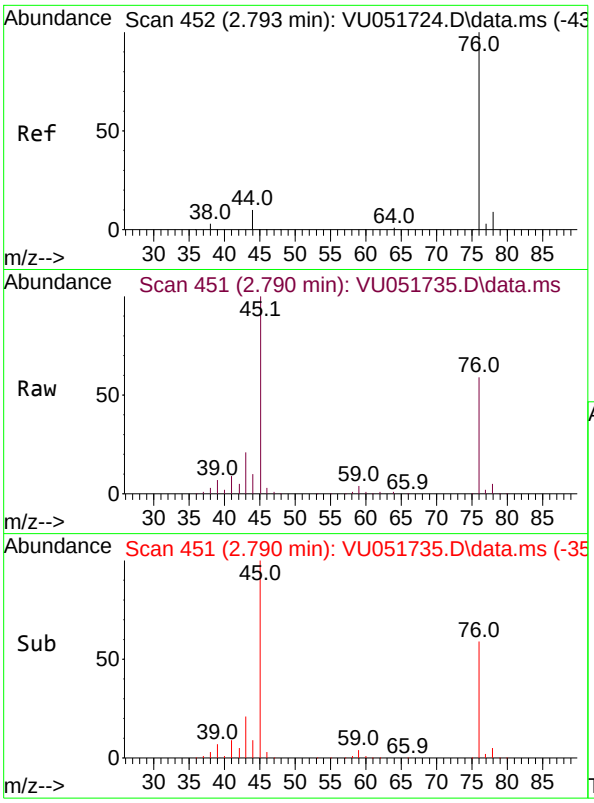


#13
Acetone
Concen: 170.260 ug/L
RT: 2.629 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Tgt Ion: 43 Resp: 450785

Ion	Ratio	Lower	Upper
43	100		
58	37.0	0.0	73.8



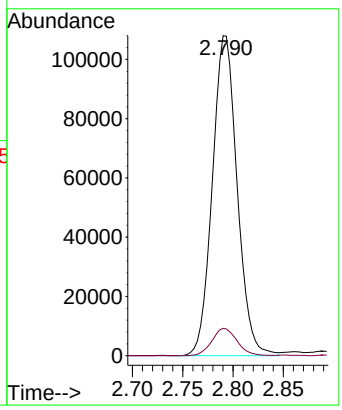


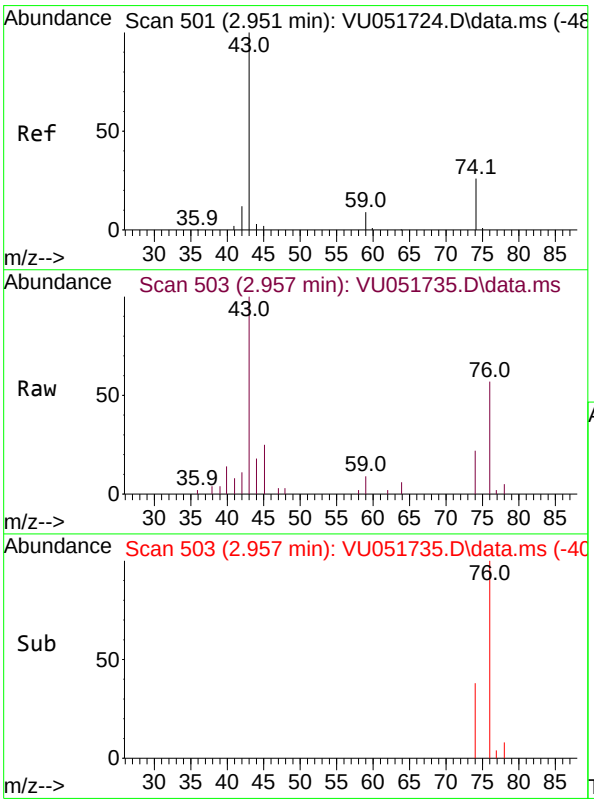
#14
Carbon disulfide
Concen: 3.458 ug/L
RT: 2.790 min Scan# 4
Delta R.T. -0.003 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Instrument :
MSVOA_U
ClientSampleId :
EW4Y1

Tgt Ion: 76 Resp: 185421

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.2

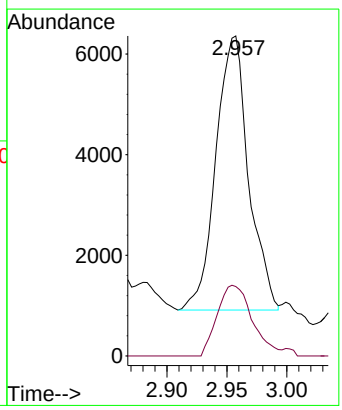


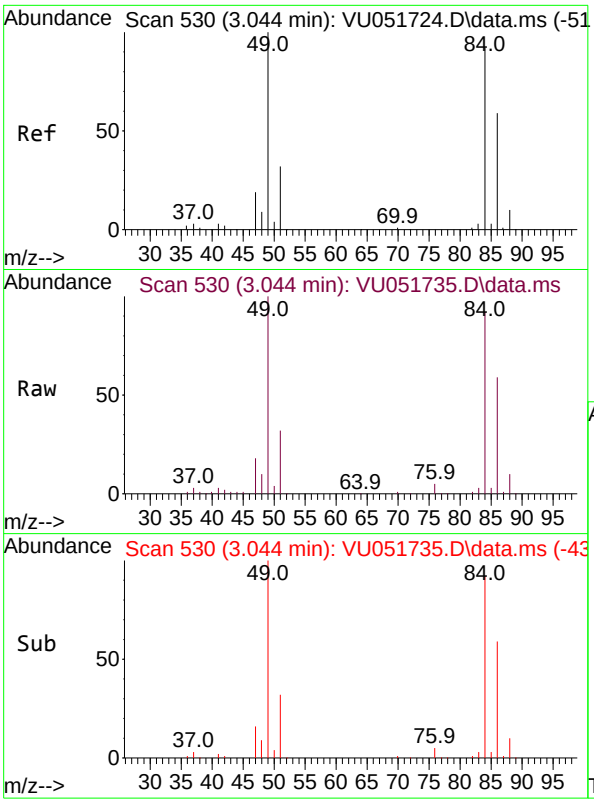


#15
Methyl Acetate
Concen: 1.490 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.007 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Tgt Ion: 43 Resp: 10325

Ion	Ratio	Lower	Upper
43	100		
74	27.7	20.2	30.4



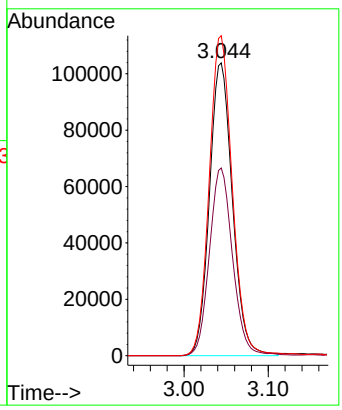


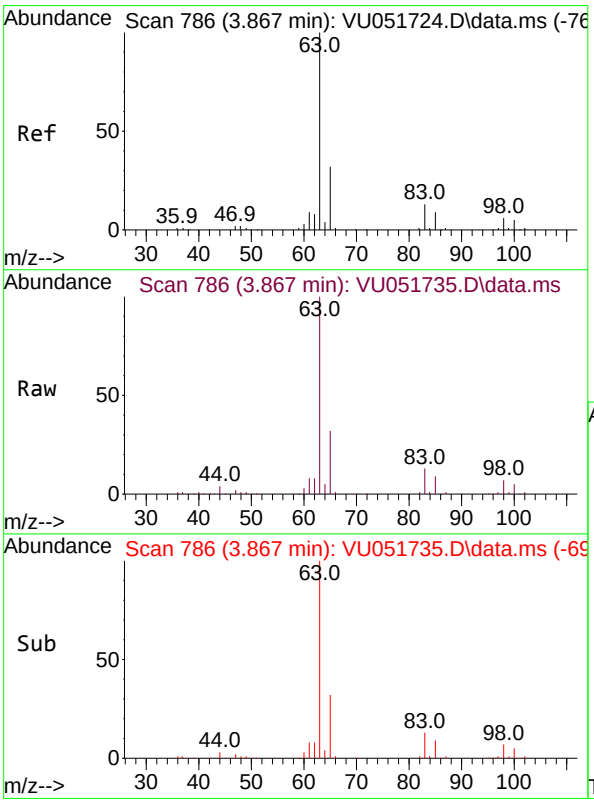
#16
Methylene chloride
Concen: 7.223 ug/L
RT: 3.044 min Scan# 5
Delta R.T. 0.000 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Instrument :
MSVOA_U
ClientSampleId :
EW4Y1

Tgt Ion: 84 Resp: 196765

Ion	Ratio	Lower	Upper
84	100		
86	64.1	46.3	85.9
49	109.3	76.0	141.2

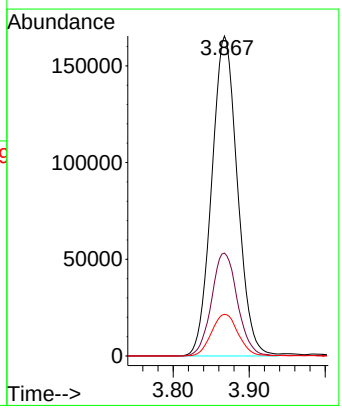


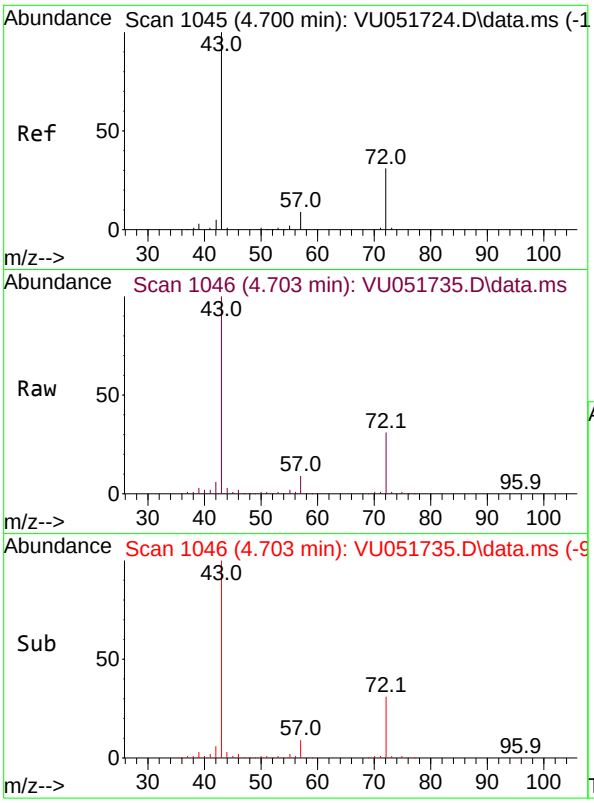


#19
1,1-Dichloroethane
Concen: 11.794 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Tgt Ion: 63 Resp: 388278

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.7	42.1
83	13.0	9.2	17.0



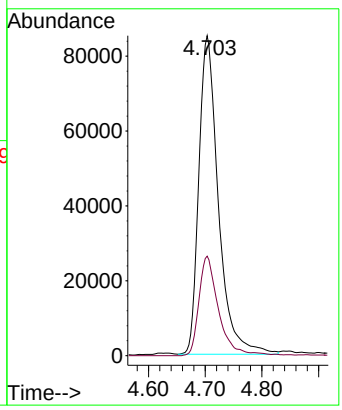


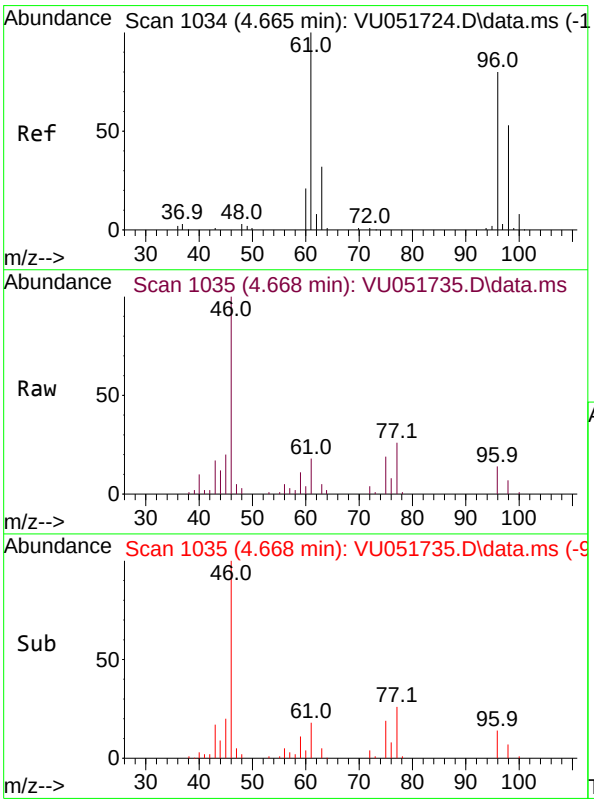
#21
2-Butanone
Concen: 49.166 ug/L
RT: 4.703 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Instrument :
MSVOA_U
ClientSampleId :
EW4Y1

Tgt Ion: 43 Resp: 203855

Ion	Ratio	Lower	Upper
43	100		
72	30.6	16.2	48.5

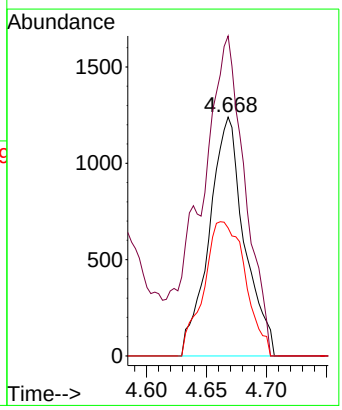


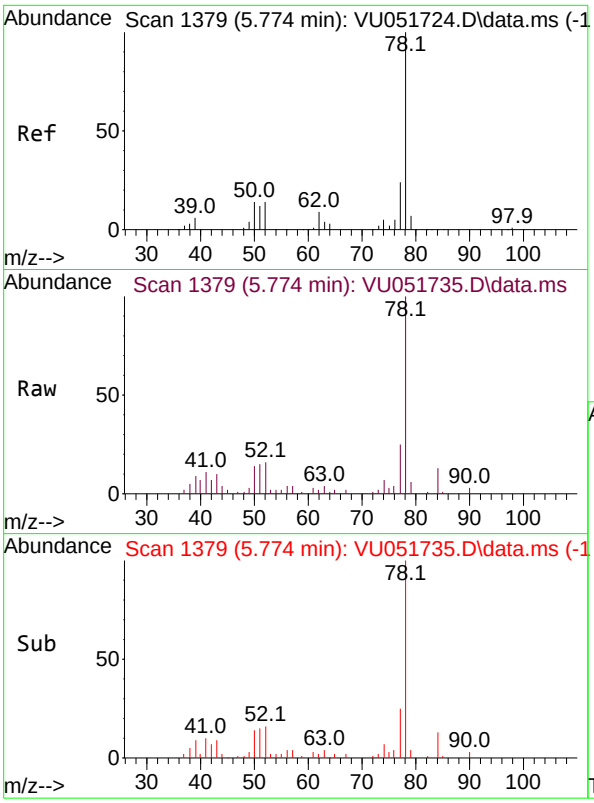


#22
cis-1,2-Dichloroethene
Concen: 0.128 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Tgt Ion: 96 Resp: 2527

Ion	Ratio	Lower	Upper
96	100		
61	134.0	86.4	160.4
98	53.5	44.2	82.2

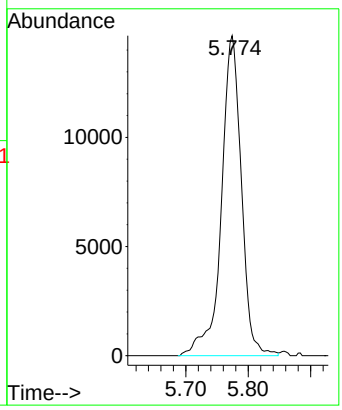


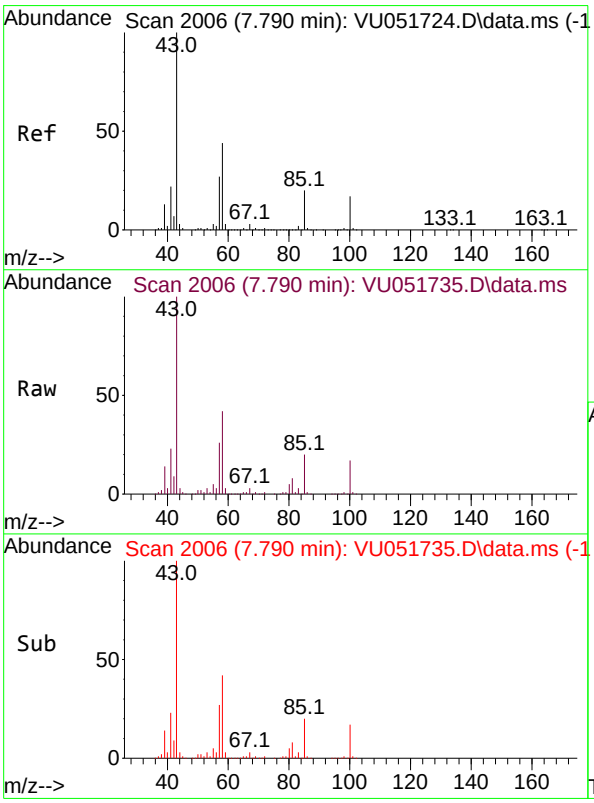


#33
Benzene
Concen: 0.408 ug/L
RT: 5.774 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Instrument :
MSVOA_U
ClientSampleId :
EW4Y1

Tgt Ion: 78 Resp: 32689

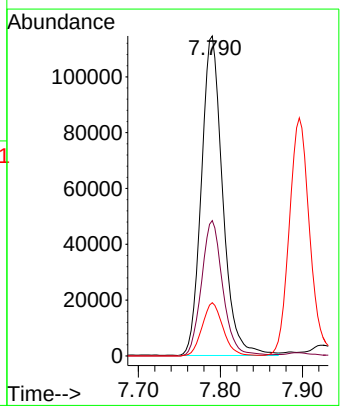


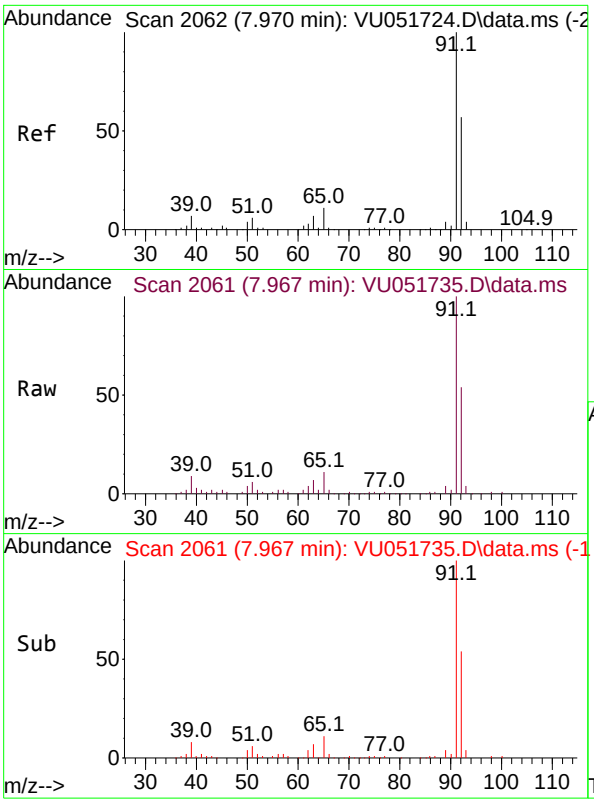


#40
4-Methyl-2-pentanone
Concen: 19.944 ug/L
RT: 7.790 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Tgt Ion: 43 Resp: 206348

Ion	Ratio	Lower	Upper
43	100		
58	42.5	35.0	52.6
100	16.4	13.4	20.0



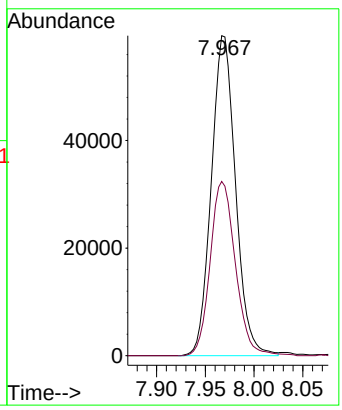


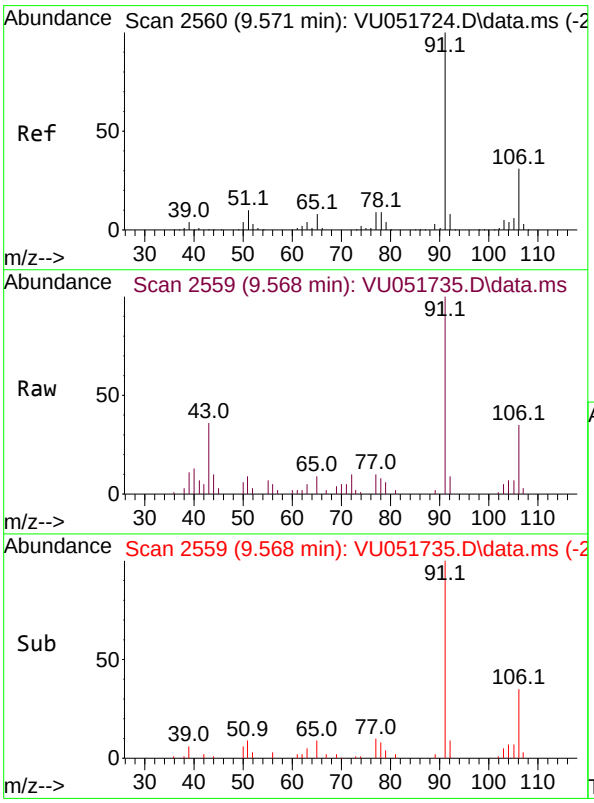
#42
Toluene
Concen: 1.250 ug/L
RT: 7.967 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Instrument :
MSVOA_U
ClientSampleId :
EW4Y1

Tgt Ion: 91 Resp: 102920

Ion	Ratio	Lower	Upper
91	100		
92	54.5	40.5	75.3

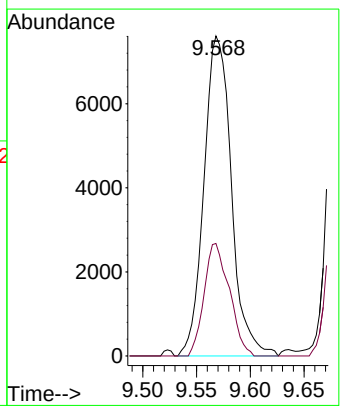


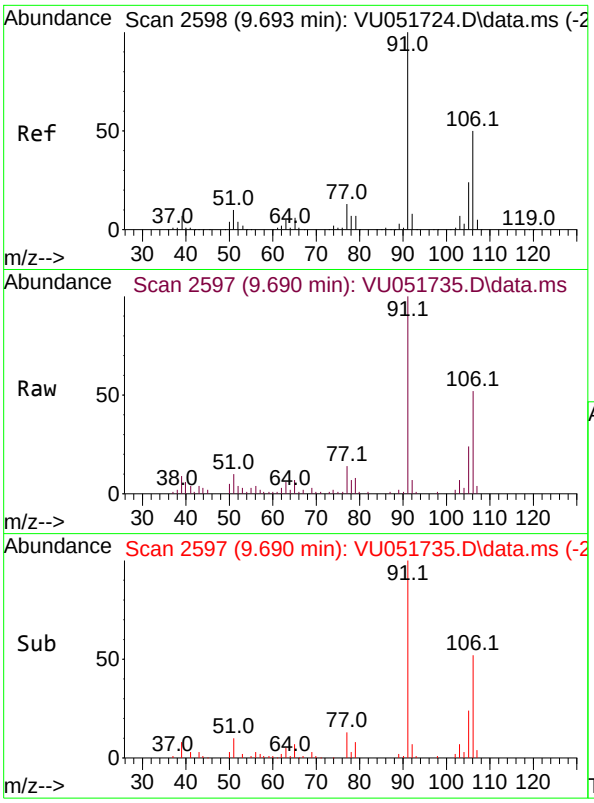


#52
Ethylbenzene
Concen: 0.170 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Tgt Ion: 91 Resp: 13503

Ion	Ratio	Lower	Upper
91	100		
106	35.1	21.8	40.6



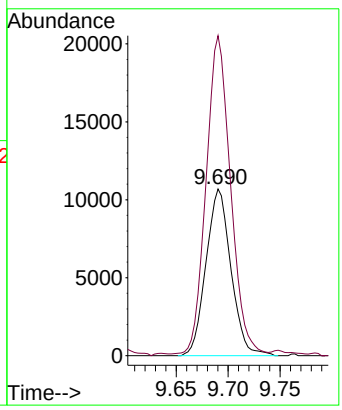


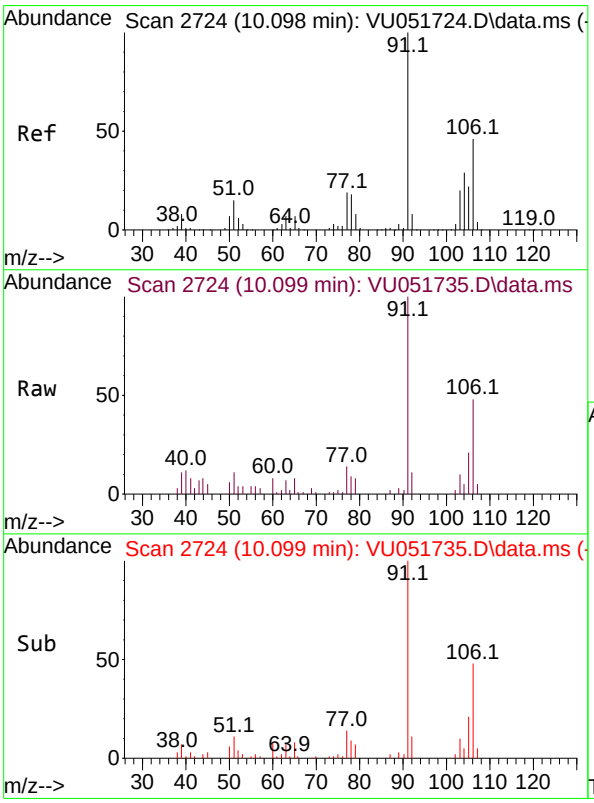
#53
m,p-Xylene
Concen: 0.578 ug/L
RT: 9.690 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Instrument :
MSVOA_U
ClientSampleId :
EW4Y1

Tgt Ion:106 Resp: 17843

Ion	Ratio	Lower	Upper
106	100		
91	191.9	139.4	259.0

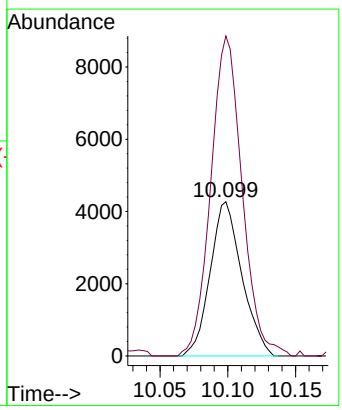


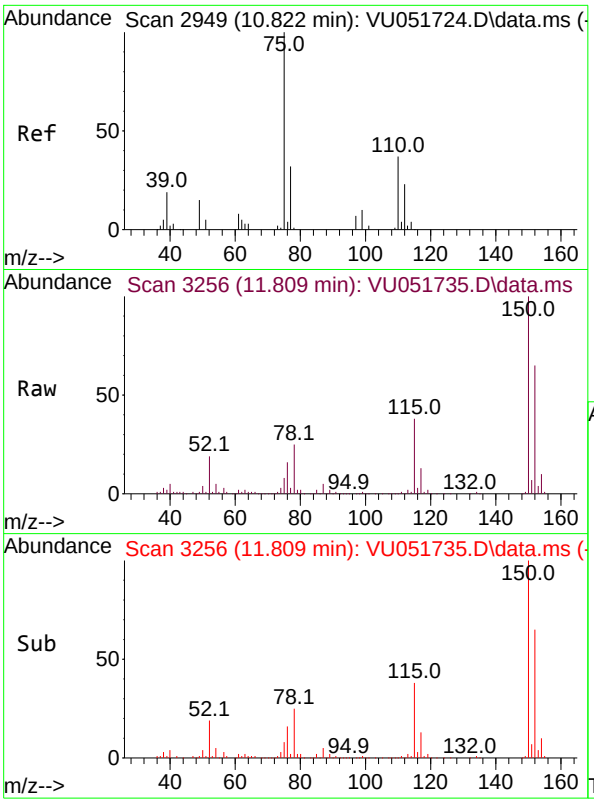


#54
o-Xylene
Concen: 0.230 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Tgt Ion:106 Resp: 6943

Ion	Ratio	Lower	Upper
106	100		
91	207.6	149.2	277.2



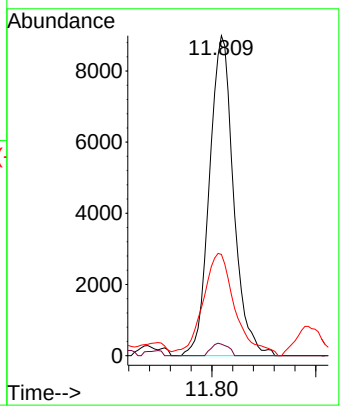


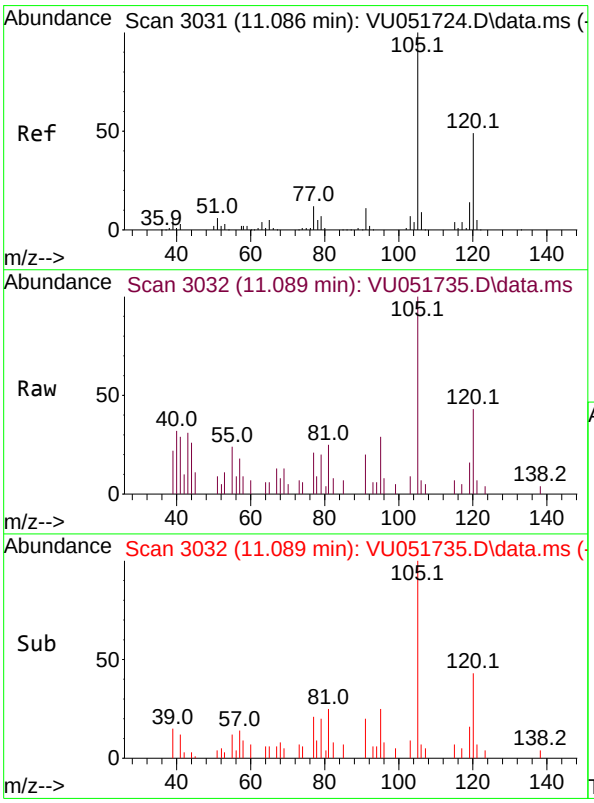
#61
1,2,3-Trichloropropane
Concen: 0.971 ug/L
RT: 11.809 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Instrument :
MSVOA_U
ClientSampleId :
EW4Y1

Tgt Ion: 75 Resp: 14484

Ion	Ratio	Lower	Upper
75	100		
110	2.7	28.7	43.1#
77	42.7	26.1	39.1#

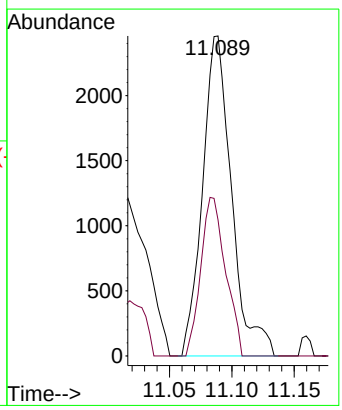


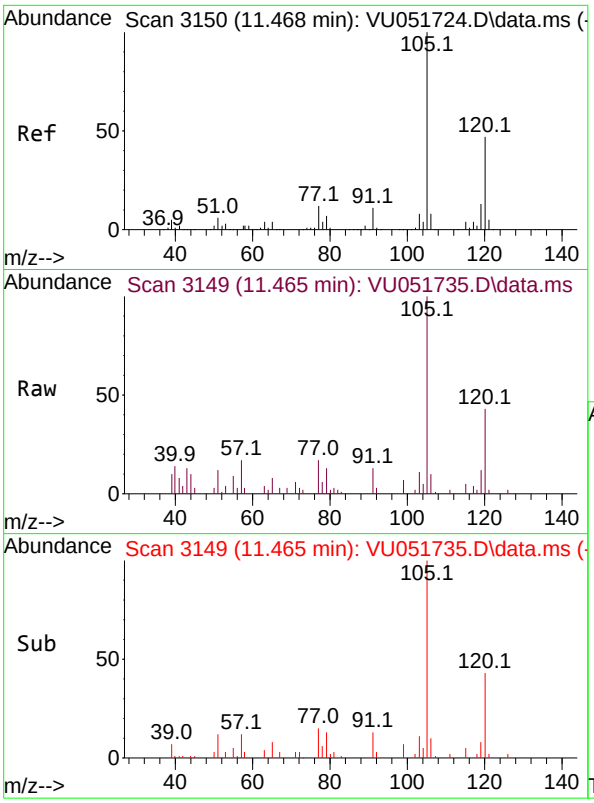


#62
1,3,5-Trimethylbenzene
Concen: 0.176 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Tgt Ion:105 Resp: 3984

Ion	Ratio	Lower	Upper
105	100		
120	42.2	38.6	57.8



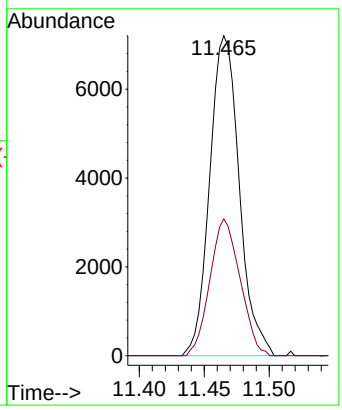


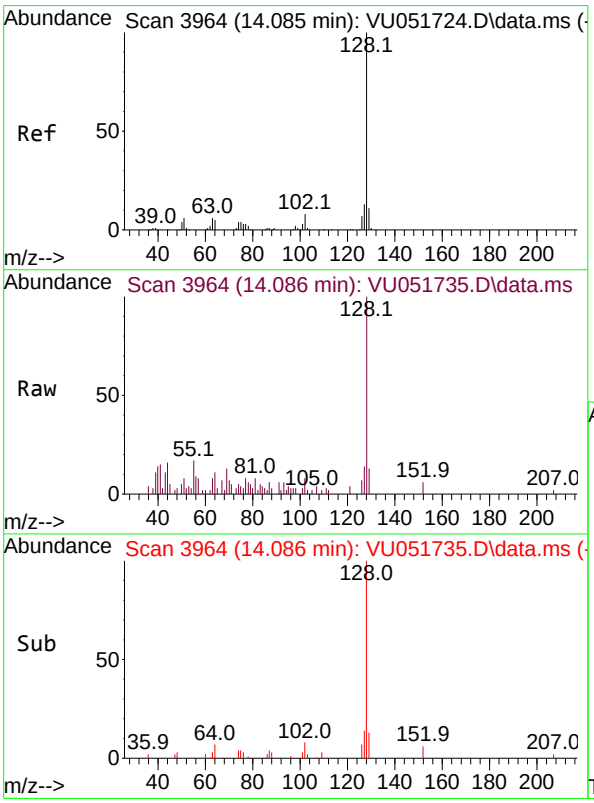
#63
1,2,4-Trimethylbenzene
Concen: 0.175 ug/L
RT: 11.465 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Instrument :
MSVOA_U
ClientSampleId :
EW4Y1

Tgt Ion:105 Resp: 11408

Ion	Ratio	Lower	Upper
105	100		
120	43.5	35.8	53.6





#71
Naphthalene
Concen: 0.257 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Tgt Ion:128 Resp: 11011

Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.4	12.6
127	14.1	10.3	15.5