Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
Data File : VU062486.D
Acq On : 19 Dec 2024 19:38
Operator : MD/SY
Sample : P5305-08
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2AX4

Quant Time: Dec 20 00:41:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 20 00:36:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	96644	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90362	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	21117	3.239	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	64.800%		
7) Chloroethane-d5	1.908	69	16639	3.589	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	71.800%		
11) 1,1-Dichloroethene-d2	2.560	65	11268	3.633	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	72.600%		
20) 2-Butanone-d5	4.625	46	42482	34.005	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	68.000%		
24) Chloroform-d	5.052	84	53238	3.774	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	75.400%		
26) 1,2-Dichloroethane-d4	5.692	65	28479	4.105	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.200%		
32) Benzene-d6	5.718	84	93535	3.594	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	71.800%		
36) 1,2-Dichloropropane-d6	6.682	67	26889	3.611	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	72.200%		
41) Toluene-d8	7.891	98	89912	3.657	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	73.200%		
43) trans-1,3-Dichloroprop...	8.174	79	11332	3.457	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	69.200%		
46) 2-Hexanone-d5	8.628	63	32905	33.276	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	66.560%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21323	3.680	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	73.600%		
66) 1,2-Dichlorobenzene-d4	12.184	152	34012	4.259	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	85.200%		
Target Compounds						Qvalue
13) Acetone	2.641	43	3784	4.449	ug/L	97
30) Cyclohexane	5.377	56	3538	0.343	ug/L	97
33) Benzene	5.766	78	9716	0.347	ug/L	100
35) Methylcyclohexane	6.753	83	5874	0.499	ug/L #	72
42) Toluene	7.962	91	27714	0.918	ug/L	94
47) Tetrachloroethene	8.544	164	65473	10.690	ug/L	96
52) Ethylbenzene	9.563	91	10000	0.295	ug/L	94
53) m,p-Xylene	9.689	106	5288	0.423	ug/L	98
54) o-Xylene	10.094	106	2619	0.215	ug/L	87
63) 1,2,4-Trimethylbenzene	11.467	105	5049	0.194	ug/L	97

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 20 00:36:00 2024
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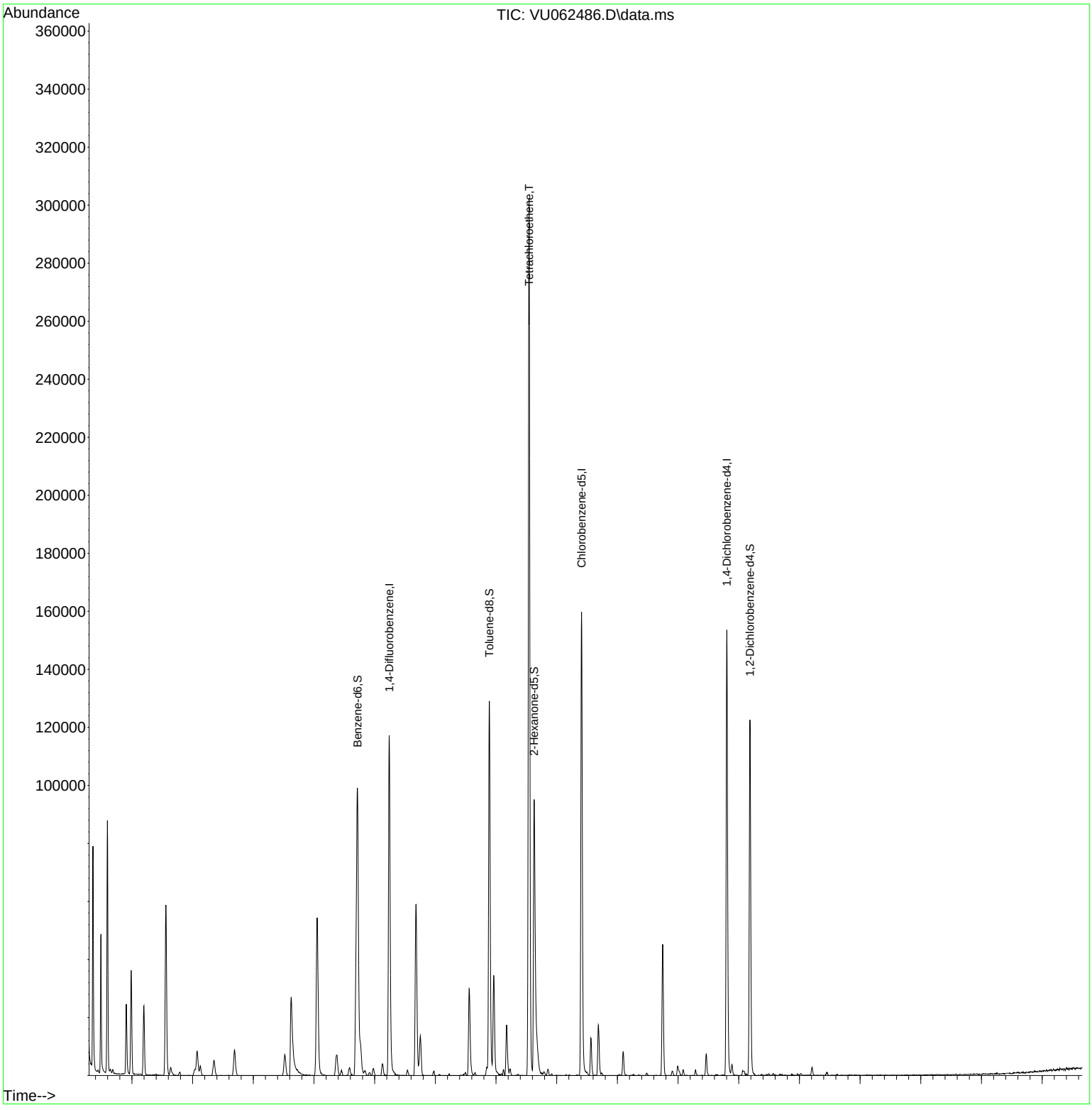
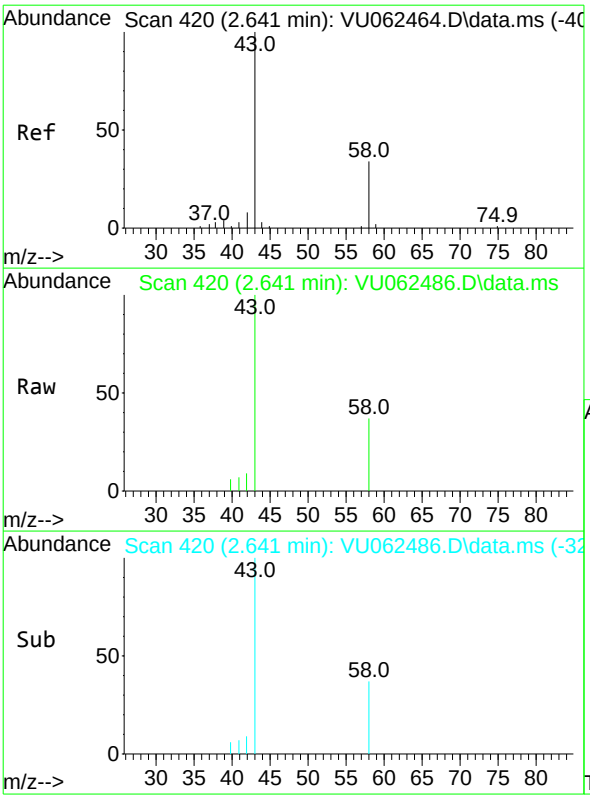


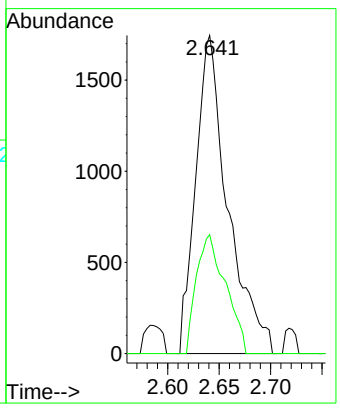


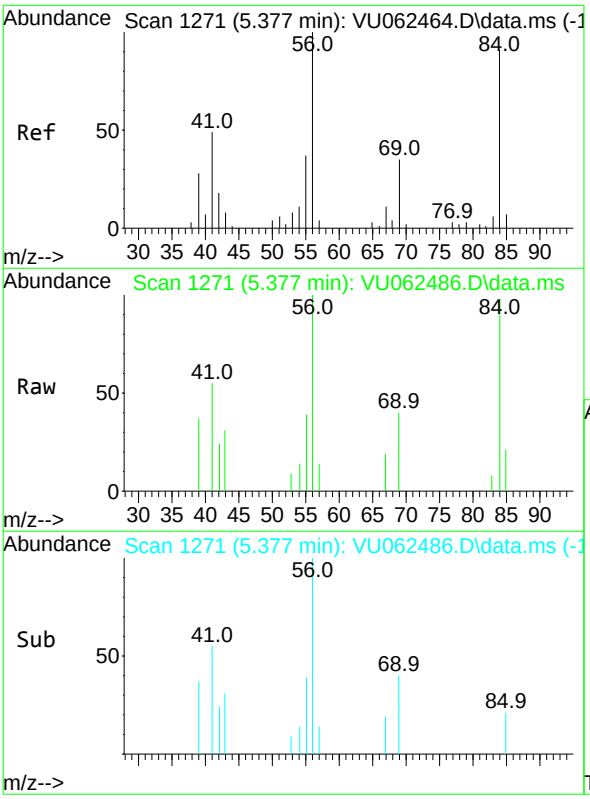
#13
Acetone
Concen: 4.449 ug/L
RT: 2.641 min Scan# 42
Delta R.T. 0.000 min
Lab File: VU062486.D
Acq: 19 Dec 2024 19:38

Instrument :
MSVOA_U
ClientSampleId :
E2AX4

Tgt Ion: 43 Resp: 3784

Ion	Ratio	Lower	Upper
43	100		
58	33.9	0.0	64.0

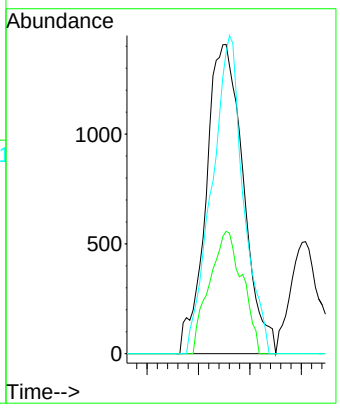


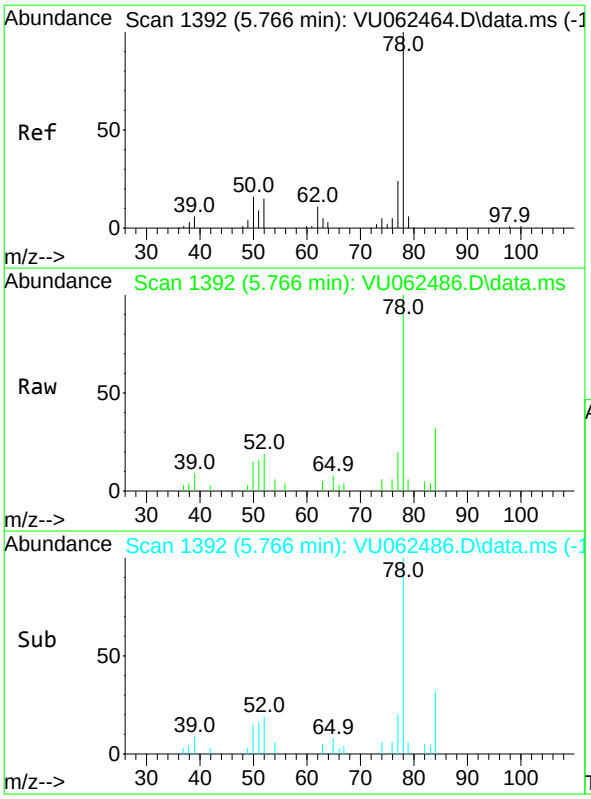


#30
Cyclohexane
Concen: 0.343 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU062486.D
Acq: 19 Dec 2024 19:38

Tgt Ion: 56 Resp: 3538

Ion	Ratio	Lower	Upper
56	100		
69	35.1	25.1	37.7
84	87.0	70.6	105.8

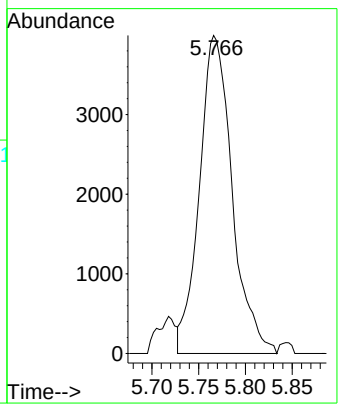


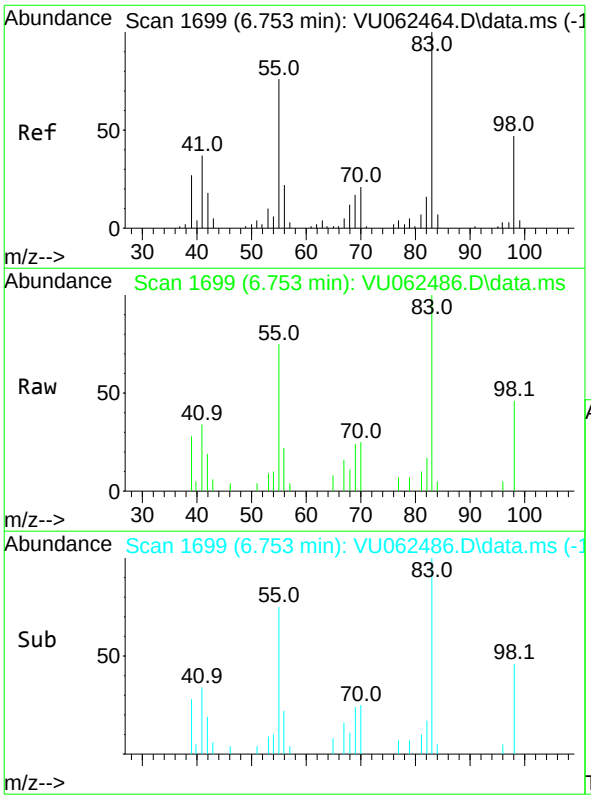


#33
Benzene
Concen: 0.347 ug/L
RT: 5.766 min Scan# 13
Delta R.T. 0.000 min
Lab File: VU062486.D
Acq: 19 Dec 2024 19:38

Instrument :
MSVOA_U
ClientSampleId :
E2AX4

Tgt Ion: 78 Resp: 9716

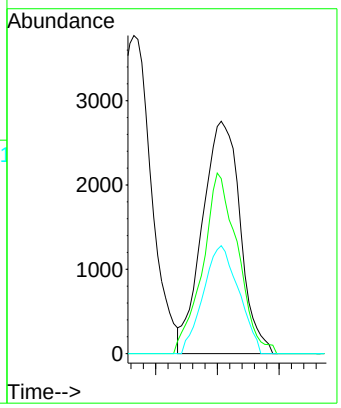


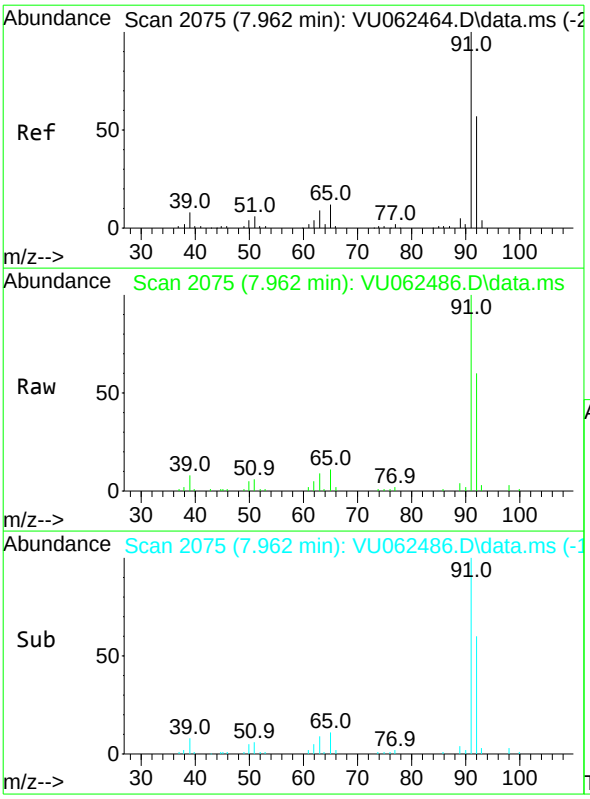


#35
Methylcyclohexane
Concen: 0.499 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU062486.D
Acq: 19 Dec 2024 19:38

Tgt Ion: 83 Resp: 5874

Ion	Ratio	Lower	Upper
83	100		
55	71.9	60.7	91.1
98	0.0	34.8	52.2#



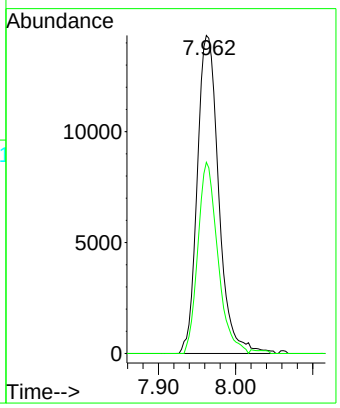


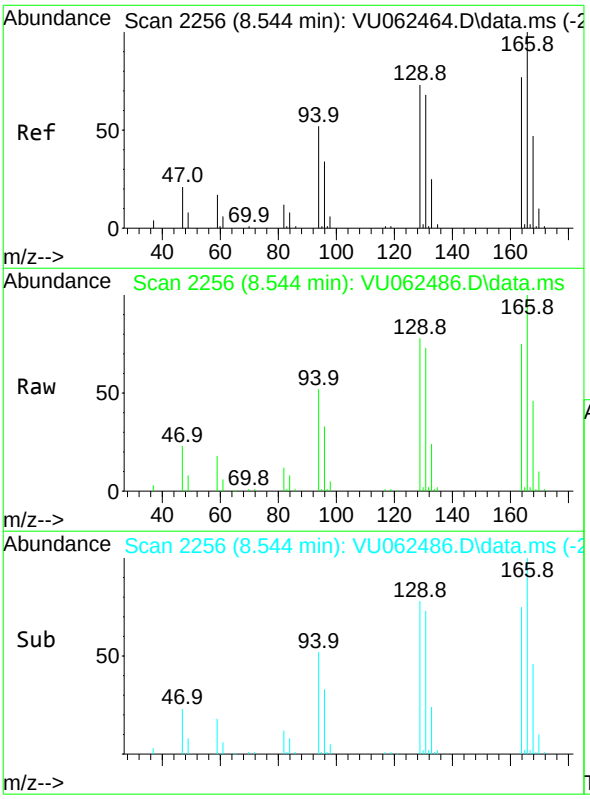
#42
Toluene
Concen: 0.918 ug/L
RT: 7.962 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU062486.D
Acq: 19 Dec 2024 19:38

Instrument :
MSVOA_U
ClientSampleId :
E2AX4

Tgt Ion: 91 Resp: 27714

Ion	Ratio	Lower	Upper
91	100		
92	60.1	39.0	72.4

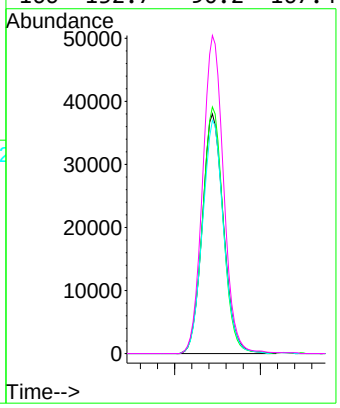


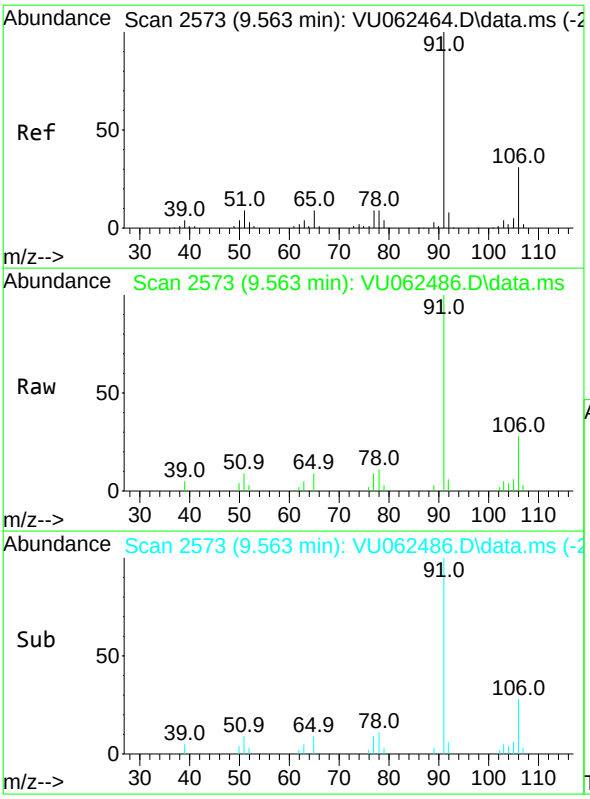


#47
Tetrachloroethene
Concen: 10.690 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062486.D
Acq: 19 Dec 2024 19:38

Tgt Ion:164 Resp: 65473

Ion	Ratio	Lower	Upper
164	100		
129	102.9	73.2	136.0
131	97.3	72.3	134.3
166	132.7	90.2	167.4



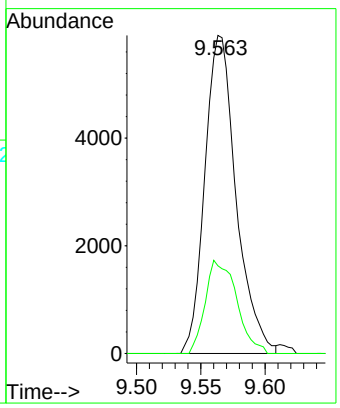


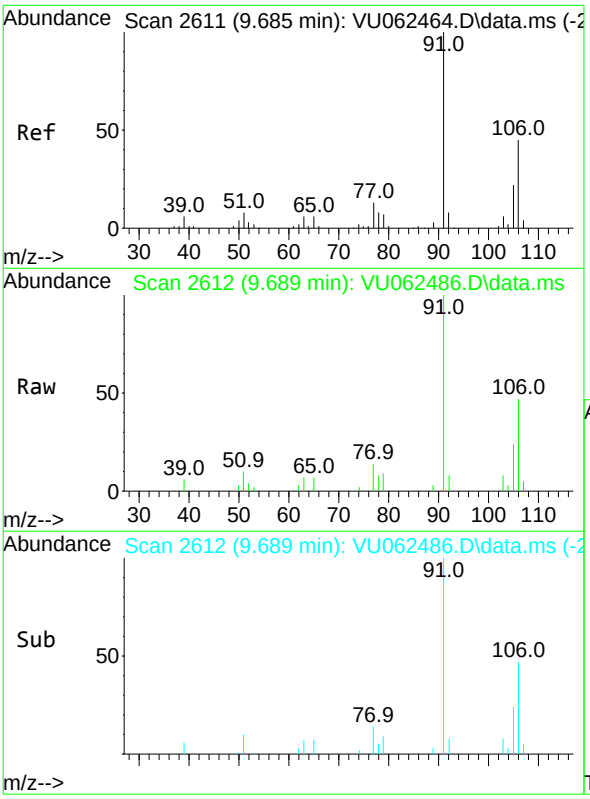
#52
Ethylbenzene
Concen: 0.295 ug/L
RT: 9.563 min Scan# 25
Delta R.T. 0.000 min
Lab File: VU062486.D
Acq: 19 Dec 2024 19:38

Instrument :
MSVOA_U
ClientSampleId :
E2AX4

Tgt Ion: 91 Resp: 10000

Ion	Ratio	Lower	Upper
91	100		
106	27.6	21.6	40.0

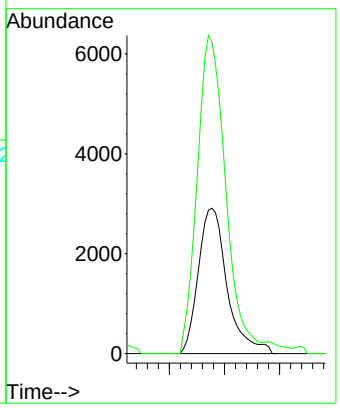


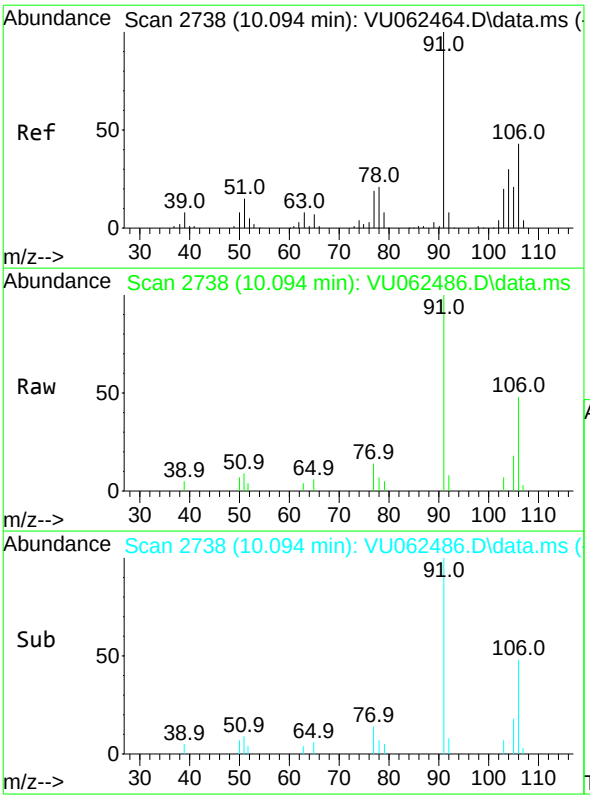


#53
m,p-Xylene
Concen: 0.423 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU062486.D
Acq: 19 Dec 2024 19:38

Tgt Ion:106 Resp: 5288

Ion	Ratio	Lower	Upper
106	100		
91	214.4	147.6	274.0



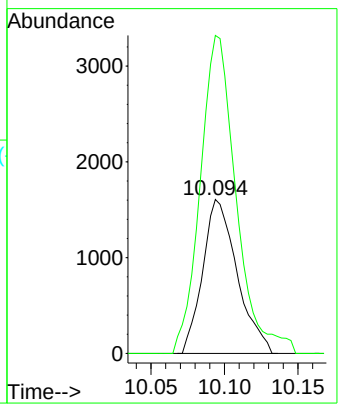


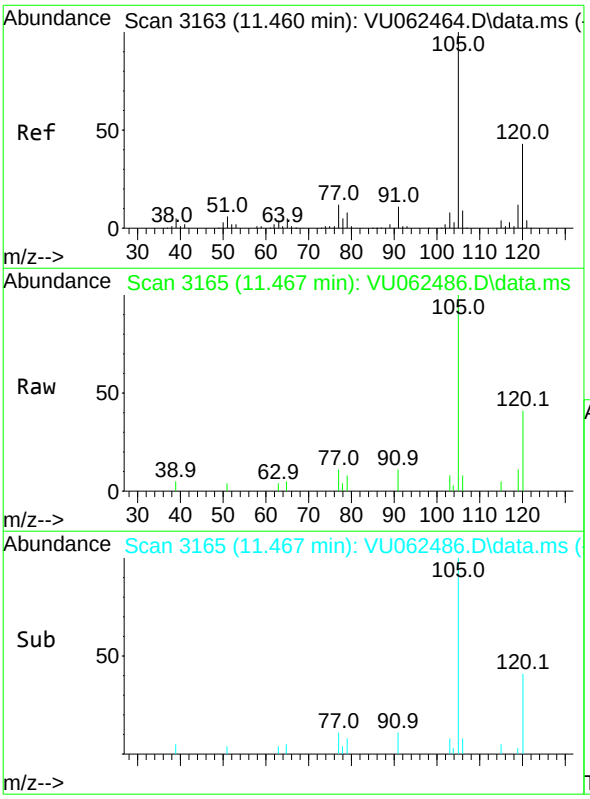
#54
o-Xylene
Concen: 0.215 ug/L
RT: 10.094 min Scan# 27
Delta R.T. 0.000 min
Lab File: VU062486.D
Acq: 19 Dec 2024 19:38

Instrument :
MSVOA_U
ClientSampleId :
E2AX4

Tgt Ion:106 Resp: 2619

Ion	Ratio	Lower	Upper
106	100		
91	206.5	159.8	296.8





#63
1,2,4-Trimethylbenzene
Concen: 0.194 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.007 min
Lab File: VU062486.D
Acq: 19 Dec 2024 19:38

Tgt Ion:105 Resp: 5049

Ion	Ratio	Lower	Upper
105	100		
120	45.5	34.7	52.1