Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
Data File : VU062806.D
Acq On : 16 Jan 2025 09:31
Operator : MD/SY
Sample : VU0116WBL01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK142

Quant Time: Jan 16 22:03:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	0.000	114	0	0.000	ug/L	-6.24
28) Chlorobenzene-d5	9.418	117	181	5.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	127	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.351	65	88	0.000	ug/L	-0.24
Spiked Amount 5.000	Range 40 - 130		Recovery = 0.000%#			
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount 5.000	Range 65 - 130		Recovery = 0.000%#			
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount 5.000	Range 60 - 125		Recovery = 0.000%#			
20) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount 50.000	Range 40 - 130		Recovery = 0.000%#			
24) Chloroform-d	0.000	84	0	0.000	ug/L	
Spiked Amount 5.000	Range 70 - 125		Recovery = 0.000%#			
26) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/L	
Spiked Amount 5.000	Range 70 - 130		Recovery = 0.000%#			
32) Benzene-d6	5.718	84	19	0.429	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 8.600%#			
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount 5.000	Range 60 - 140		Recovery = 0.000%#			
41) Toluene-d8	7.910	98	94	2.181	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 43.600%#			
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount 5.000	Range 55 - 130		Recovery = 0.000%#			
46) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount 50.000	Range 45 - 130		Recovery = 0.000%#			
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0	0.000	ug/L	
Spiked Amount 5.000	Range 65 - 120		Recovery = 0.000%#			
66) 1,2-Dichlorobenzene-d4	12.203	152	429	20.304	ug/L	0.02
Spiked Amount 5.000	Range 80 - 120		Recovery = 406.000%#			
Target Compounds						Qvalue
34) Trichloroethene	6.541	95	203	11.427	ug/L #	42
40) 4-Methyl-2-pentanone	7.795	43	891	155.484	ug/L #	63
42) Toluene	7.965	91	47	0.825	ug/L #	22
48) 2-Hexanone	8.698	43	449	108.986	ug/L #	41
51) Chlorobenzene	9.460	112	163	4.374	ug/L #	28
52) Ethylbenzene	9.566	91	80	1.237	ug/L #	43
54) o-Xylene	10.110	106	70	3.022	ug/L #	1
55) Styrene	10.145	104	92	2.374	ug/L #	27
60) Isopropylbenzene	10.476	105	354	4.045	ug/L #	55
62) 1,3,5-Trimethylbenzene	11.090	105	485	6.520	ug/L #	77
63) 1,2,4-Trimethylbenzene	11.476	105	733	10.186	ug/L #	48
64) 1,3-Dichlorobenzene	11.759	146	643	15.848	ug/L	84
65) 1,4-Dichlorobenzene	11.843	146	635	15.521	ug/L	88
67) 1,2-Dichlorobenzene	12.219	146	662	17.409	ug/L #	68
69) 1,3,5-Trichlorobenzene	13.232	180	861	28.177	ug/L #	85
70) 1,2,4-trichlorobenzene	13.852	180	1503	61.070	ug/L #	88
71) Naphthalene	14.097	128	3915	108.718	ug/L #	86
72) 1,2,3-Trichlorobenzene	14.328	180	1668	77.749	ug/L	93

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
Data File : VU062806.D
Acq On : 16 Jan 2025 09:31
Operator : MD/SY
Sample : VU0116WBL01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK142

Quant Time: Jan 16 22:03:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration

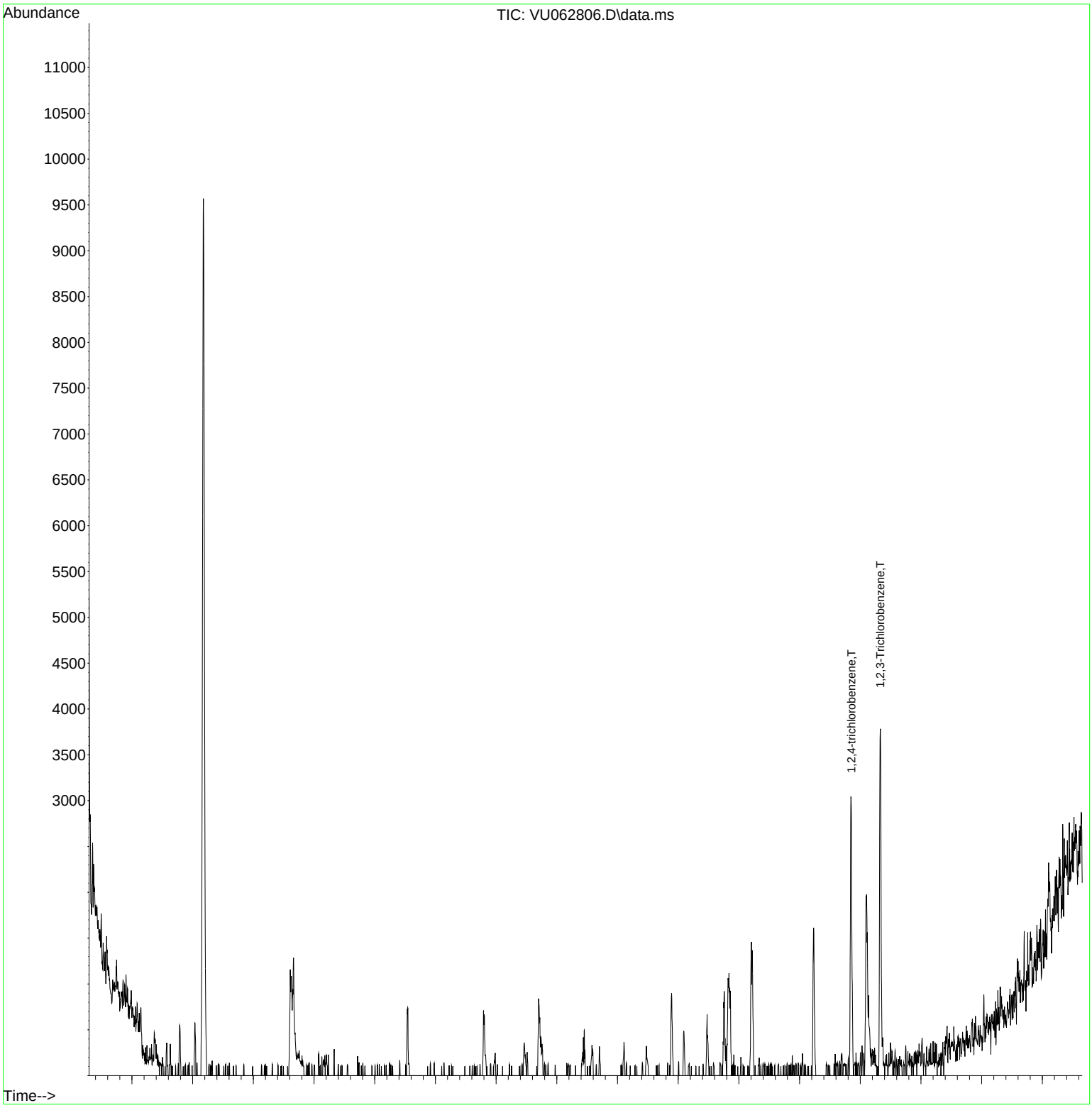
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

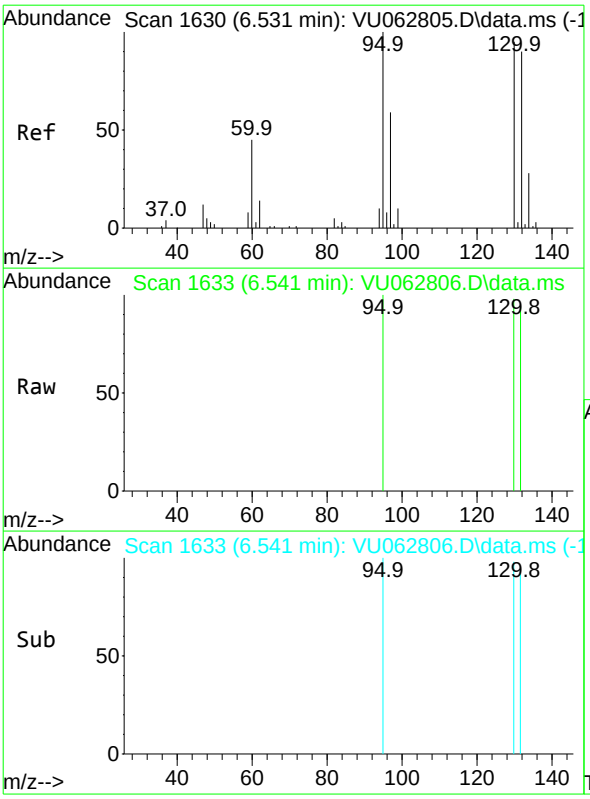
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
Data File : VU062806.D
Acq On : 16 Jan 2025 09:31
Operator : MD/SY
Sample : VU0116WBL01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK142

Quant Time: Jan 16 22:03:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration



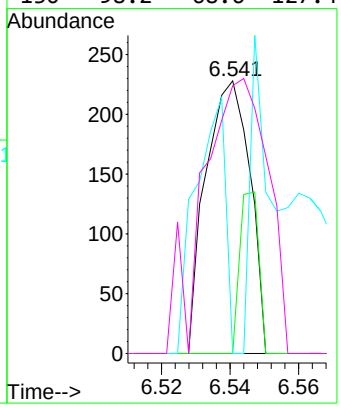


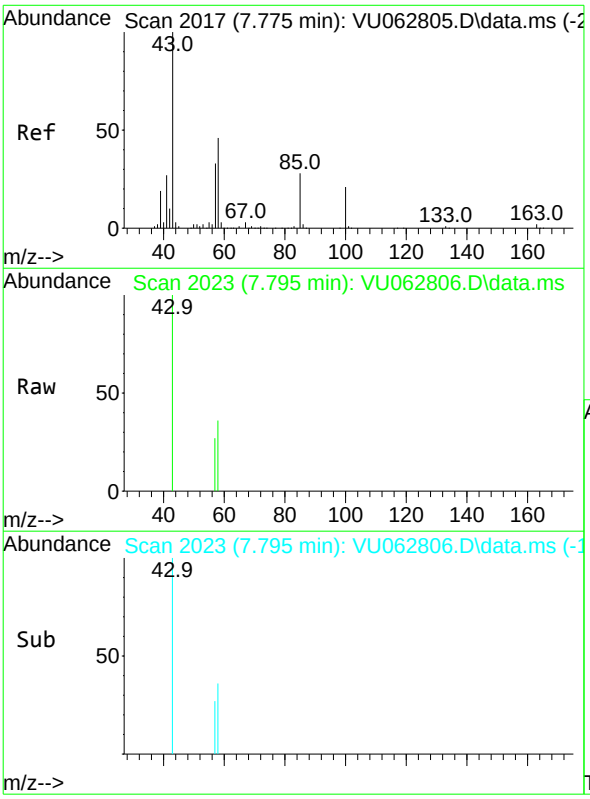
#34
Trichloroethene
Concen: 11.427 ug/L
RT: 6.541 min Scan# 16
Delta R.T. 0.010 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Instrument :
MSVOA_U
ClientSampleId :
VBLK142

Tgt Ion: 95 Resp: 203

Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.5	88.3#
132	0.0	66.9	124.3#
130	98.2	68.6	127.4

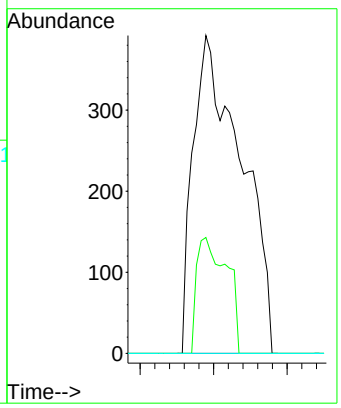


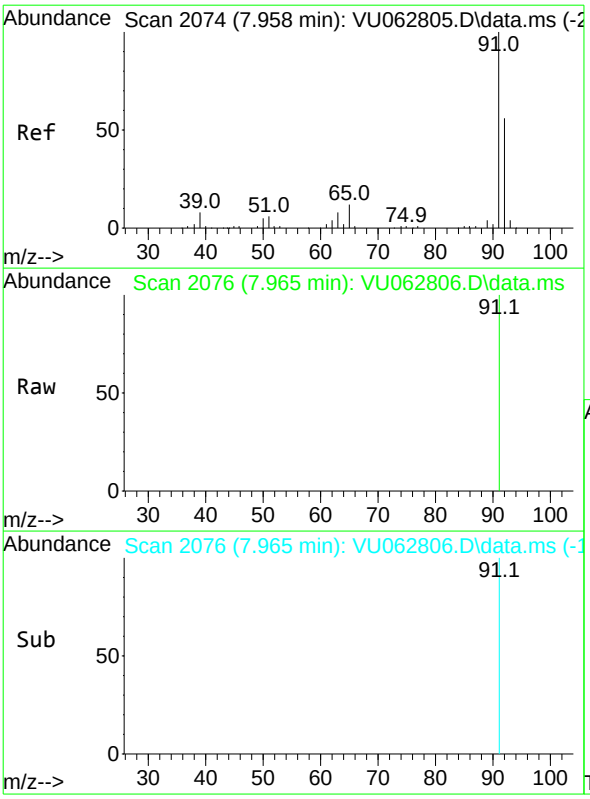


#40
4-Methyl-2-pentanone
Concen: 155.484 ug/L
RT: 7.795 min Scan# 2023
Delta R.T. 0.020 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Tgt Ion: 43 Resp: 891

Ion	Ratio	Lower	Upper
43	100		
58	22.8	35.8	53.8#
100	0.0	16.8	25.2#



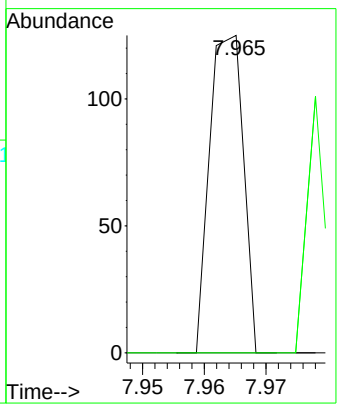


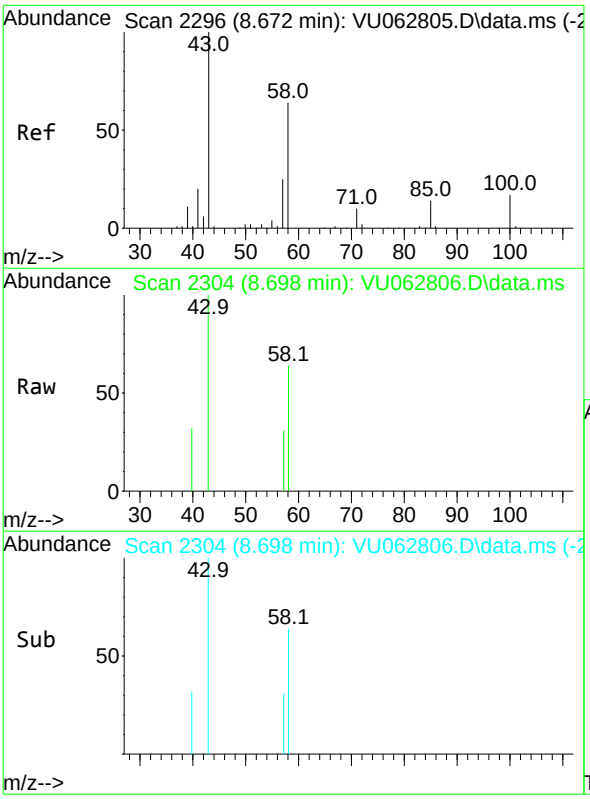
#42
Toluene
Concen: 0.825 ug/L
RT: 7.965 min Scan# 20
Delta R.T. 0.007 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Instrument :
MSVOA_U
ClientSampleId :
VBLK142

Tgt Ion: 91 Resp: 47

Ion	Ratio	Lower	Upper
91	100		
92	0.0	40.4	75.0#

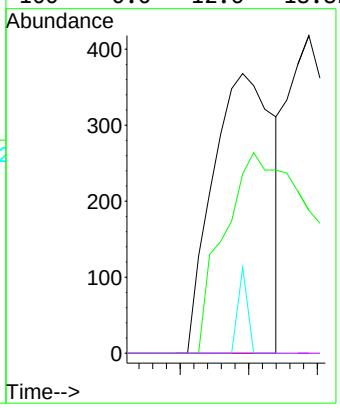


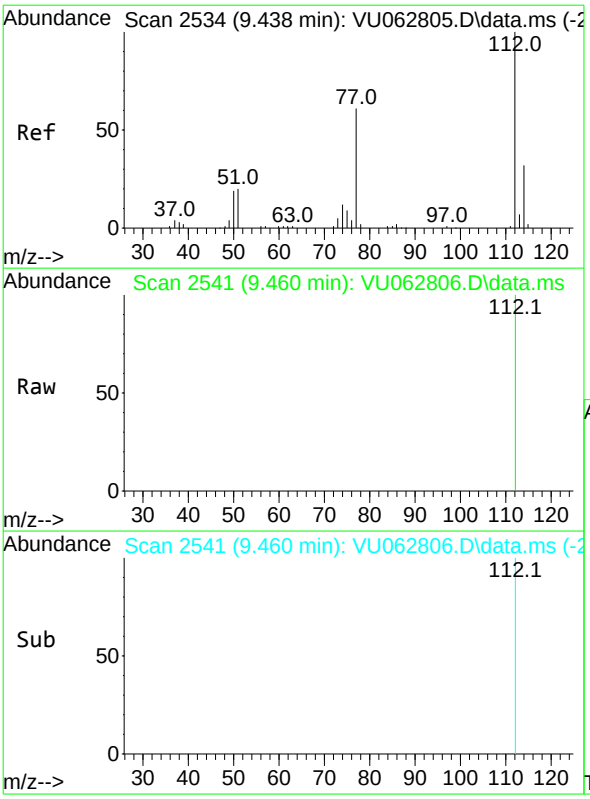


#48
2-Hexanone
Concen: 108.986 ug/L
RT: 8.698 min Scan# 2304
Delta R.T. 0.026 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Tgt Ion: 43 Resp: 449

Ion	Ratio	Lower	Upper
43	100		
58	118.5	50.2	75.4#
57	4.9	19.9	29.9#
100	0.0	12.6	18.8#



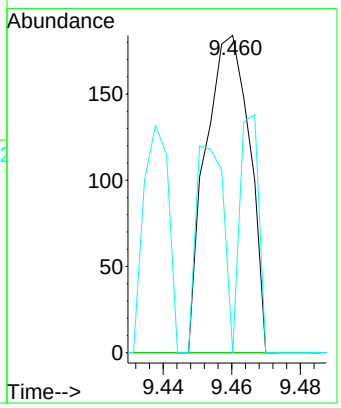


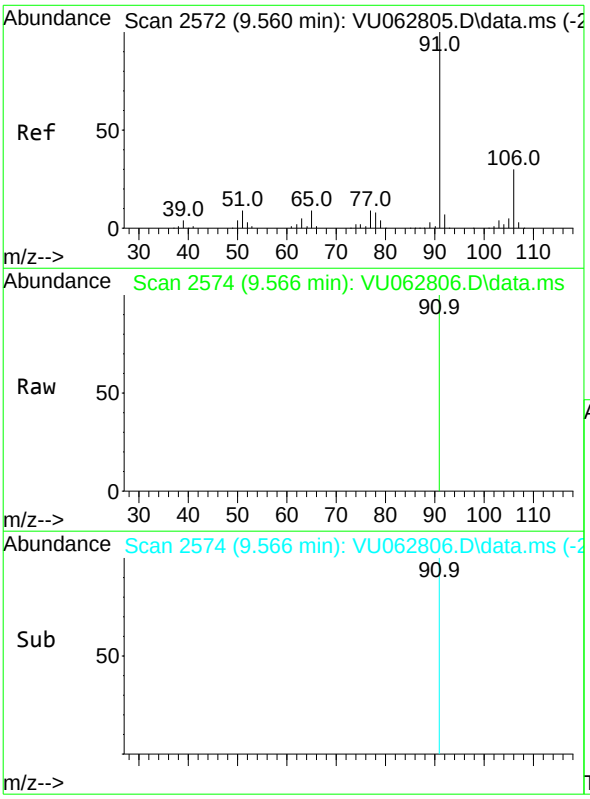
#51
Chlorobenzene
Concen: 4.374 ug/L
RT: 9.460 min Scan# 25
Delta R.T. 0.023 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Instrument :
MSVOA_U
ClientSampleId :
VBLK142

Tgt Ion:112 Resp: 163

Ion	Ratio	Lower	Upper
112	100		
114	0.0	21.7	40.3#
77	0.0	48.6	73.0#

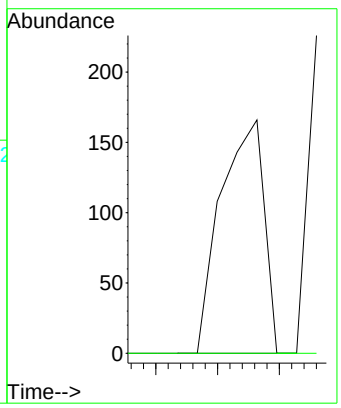


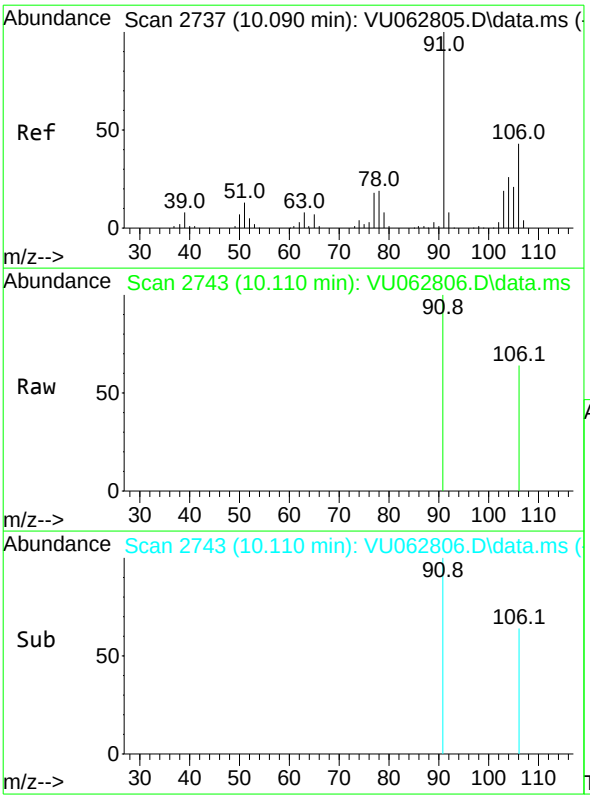


#52
Ethylbenzene
Concen: 1.237 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.007 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Tgt Ion: 91 Resp: 80

Ion	Ratio	Lower	Upper
91	100		
106	0.0	21.9	40.7#



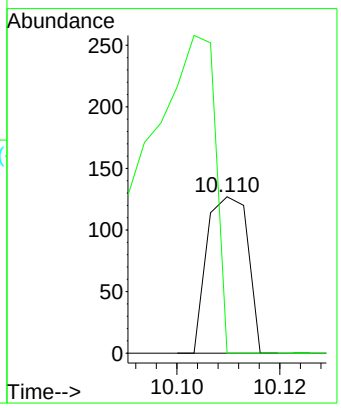


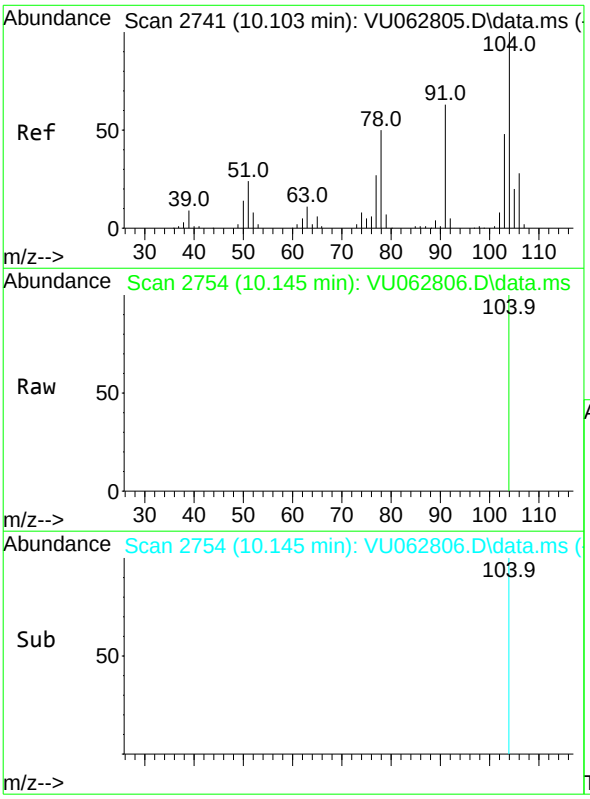
#54
o-Xylene
Concen: 3.022 ug/L
RT: 10.110 min Scan# 27
Delta R.T. 0.020 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Instrument :
MSVOA_U
ClientSampleId :
VBLK142

Tgt Ion:106 Resp: 70

Ion	Ratio	Lower	Upper
106	100		
91	0.0	160.4	297.8#

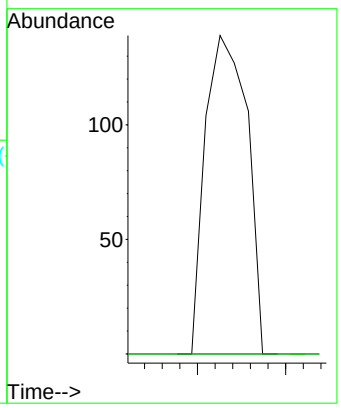


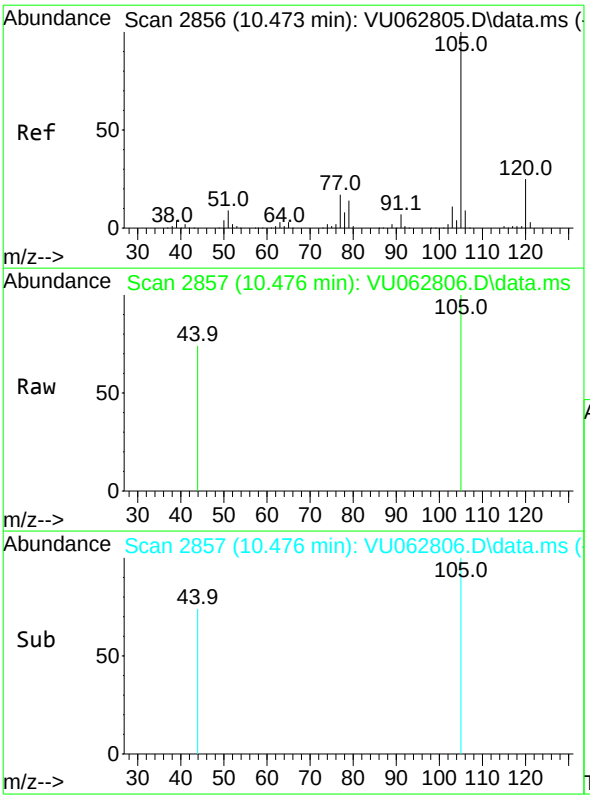


#55
Styrene
Concen: 2.374 ug/L
RT: 10.145 min Scan# 2754
Delta R.T. 0.042 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Tgt Ion:104 Resp: 92

Ion	Ratio	Lower	Upper
104	100		
78	0.0	35.5	65.9#



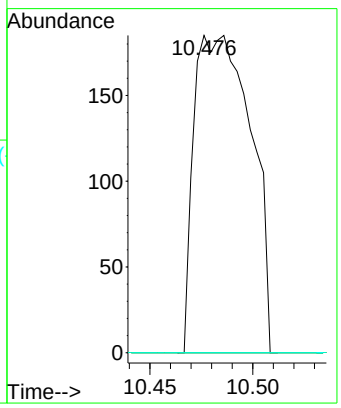


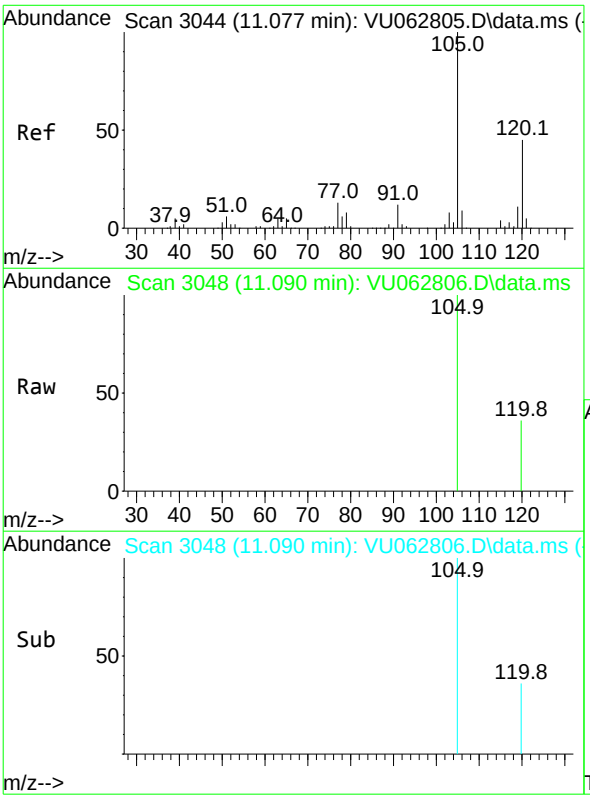
#60
Isopropylbenzene
Concen: 4.045 ug/L
RT: 10.476 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Instrument :
MSVOA_U
ClientSampleId :
VBLK142

Tgt Ion:105 Resp: 354

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.2	30.2#
77	0.0	13.0	19.4#

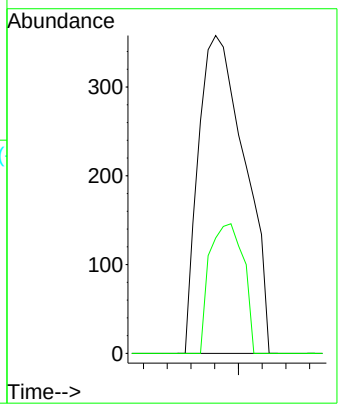


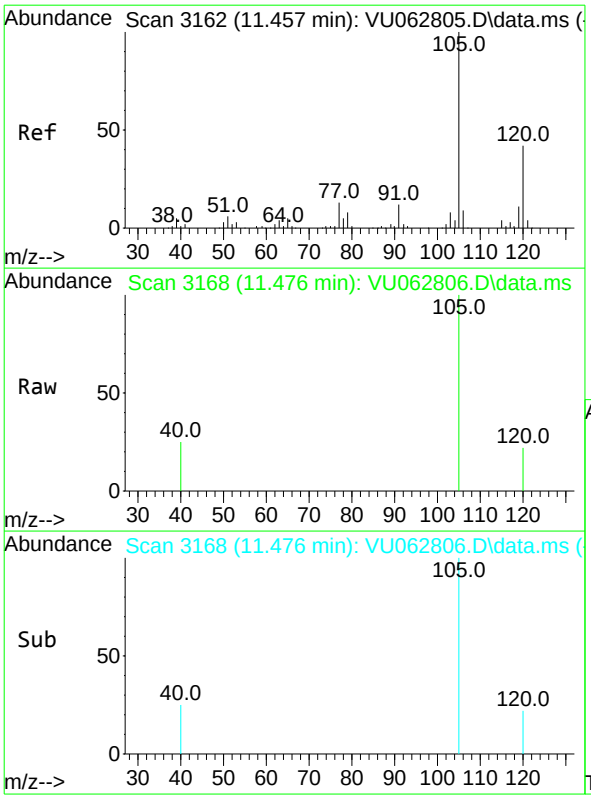


#62
1,3,5-Trimethylbenzene
Concen: 6.520 ug/L
RT: 11.090 min Scan# 3048
Delta R.T. 0.013 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Tgt Ion:105 Resp: 485

Ion	Ratio	Lower	Upper
105	100		
120	29.9	35.9	53.9#



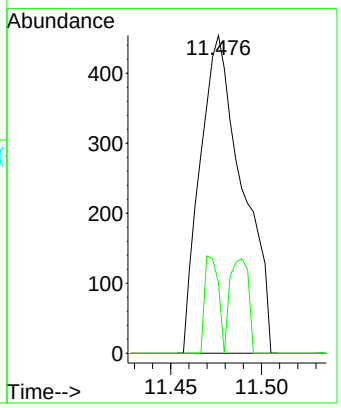


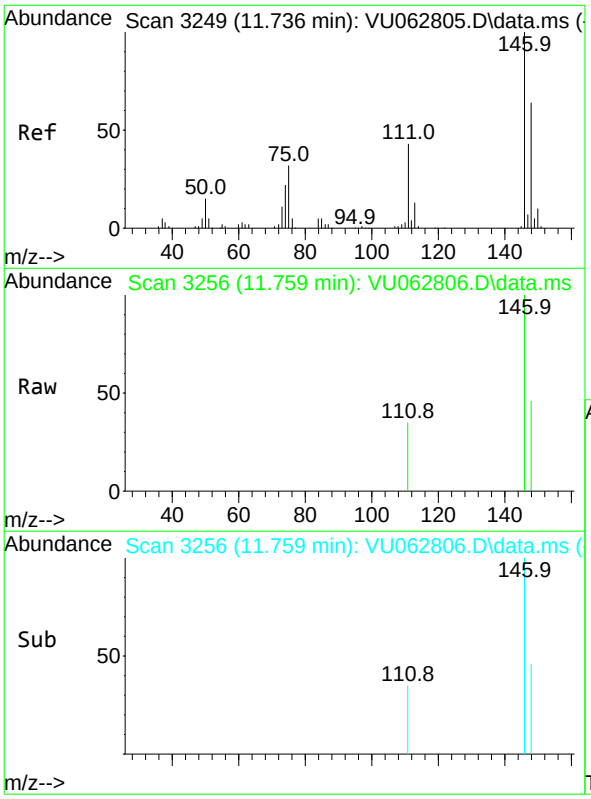
#63
1,2,4-Trimethylbenzene
Concen: 10.186 ug/L
RT: 11.476 min Scan# 31
Delta R.T. 0.020 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Instrument :
MSVOA_U
ClientSampleId :
VBLK142

Tgt Ion:105 Resp: 733

Ion	Ratio	Lower	Upper
105	100		
120	9.8	34.2	51.2#

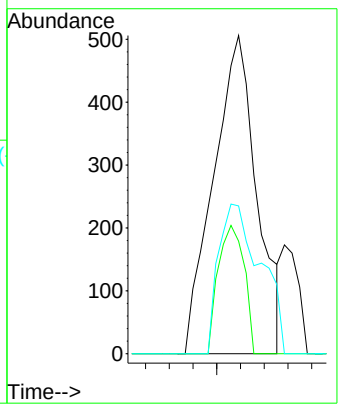


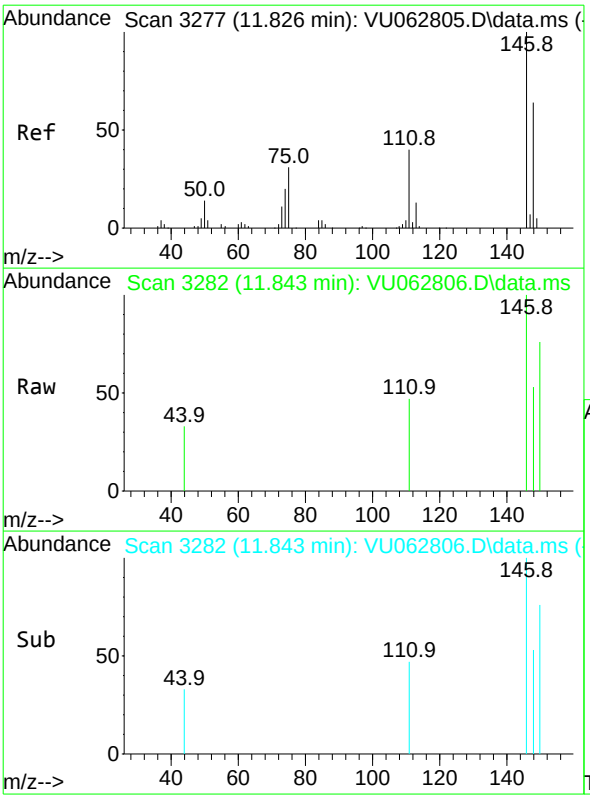


#64
1,3-Dichlorobenzene
Concen: 15.848 ug/L
RT: 11.759 min Scan# 3256
Delta R.T. 0.023 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Tgt Ion:146 Resp: 643

Ion	Ratio	Lower	Upper
146	100		
111	35.4	28.6	53.0
148	46.4	44.0	81.6



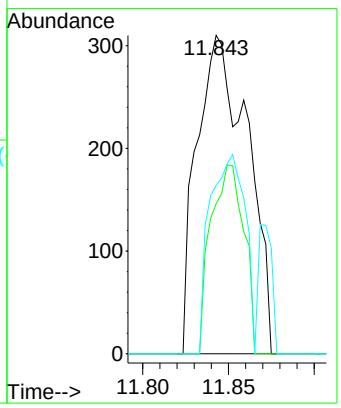


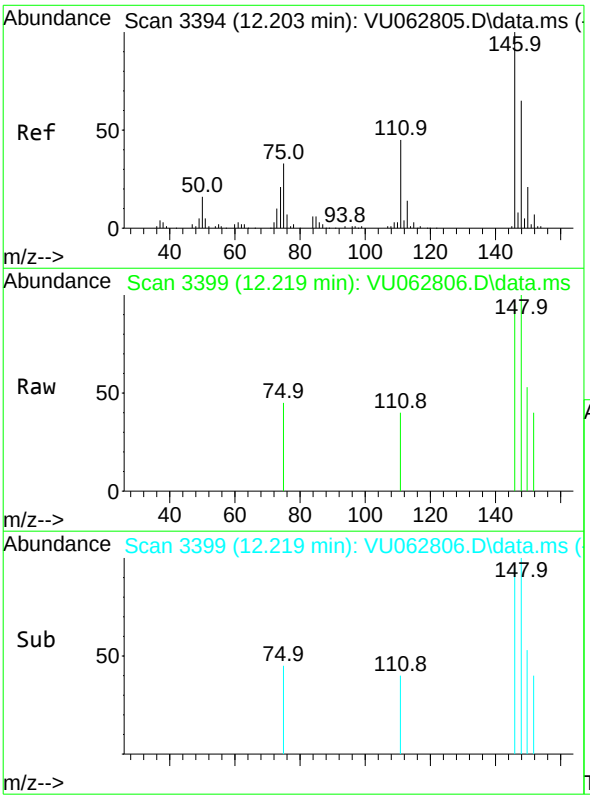
#65
1,4-Dichlorobenzene
Concen: 15.521 ug/L
RT: 11.843 min Scan# 32
Delta R.T. 0.016 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Instrument :
MSVOA_U
ClientSampleId :
VBLK142

Tgt Ion:146 Resp: 635

Ion	Ratio	Lower	Upper
146	100		
111	47.1	29.5	54.9
148	52.9	45.1	83.9

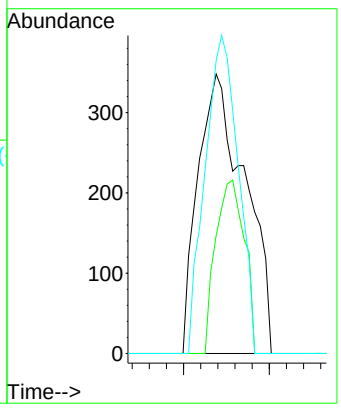


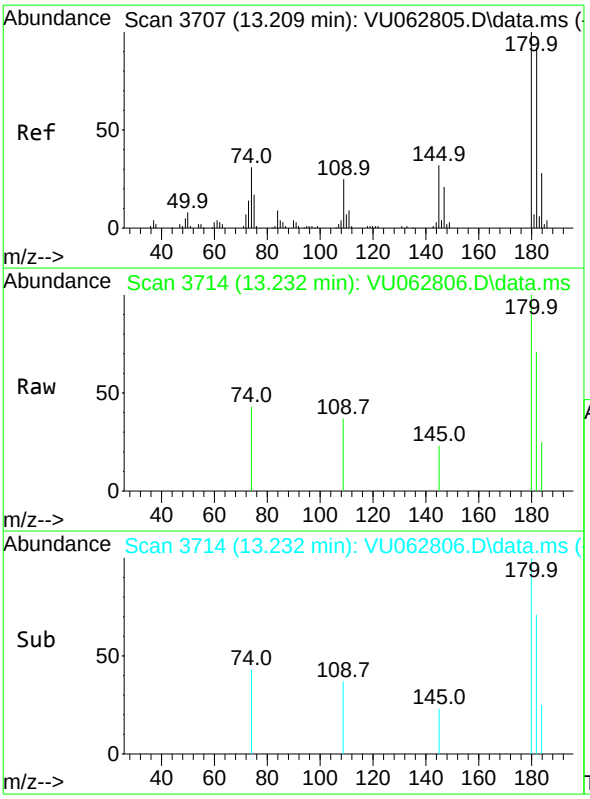


#67
1,2-Dichlorobenzene
Concen: 17.409 ug/L
RT: 12.219 min Scan# 3399
Delta R.T. 0.016 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Tgt Ion:146 Resp: 662

Ion	Ratio	Lower	Upper
146	100		
111	42.2	36.3	54.5
148	104.9	52.0	78.0#



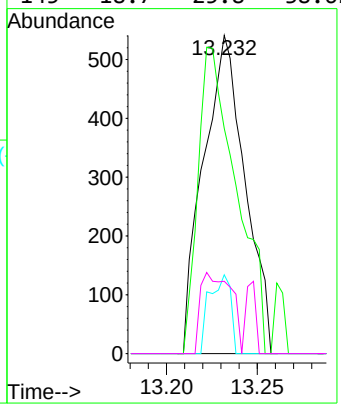


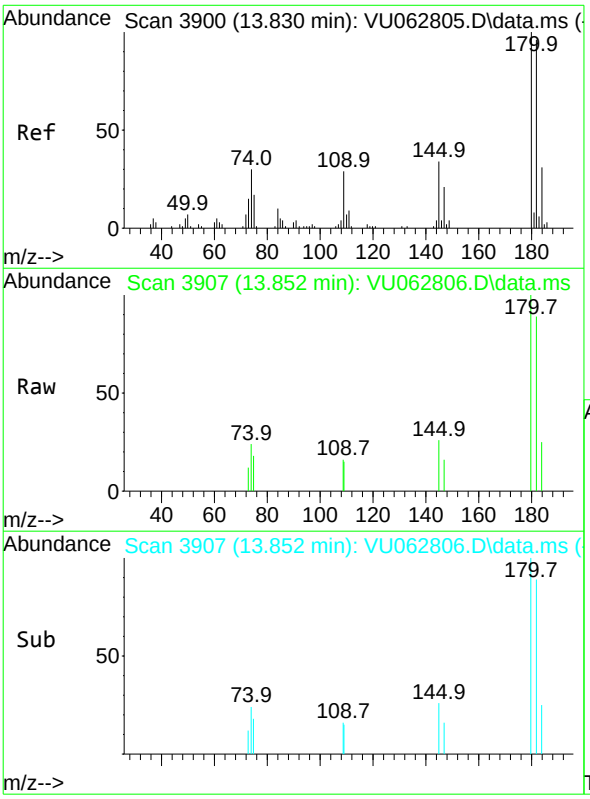
#69
1,3,5-Trichlorobenzene
Concen: 28.177 ug/L
RT: 13.232 min Scan# 37
Delta R.T. 0.023 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Instrument :
MSVOA_U
ClientSampleId :
VBLK142

Tgt Ion:180 Resp: 861

Ion	Ratio	Lower	Upper
180	100		
182	89.2	75.8	113.8
184	12.7	24.7	37.1#
145	18.7	25.8	38.6#

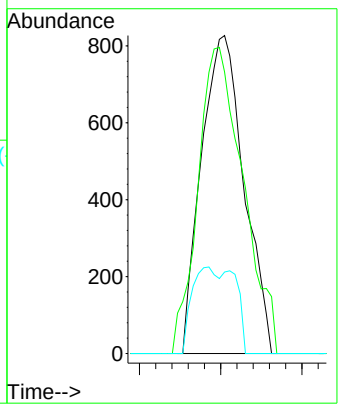


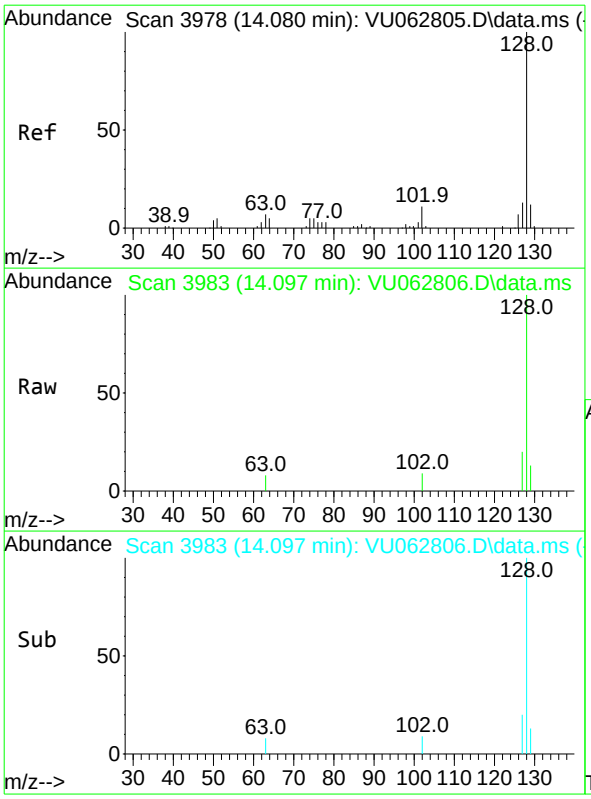


#70
1,2,4-trichlorobenzene
Concen: 61.070 ug/L
RT: 13.852 min Scan# 3907
Delta R.T. 0.023 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Tgt Ion:180 Resp: 1503

Ion	Ratio	Lower	Upper
180	100		
182	102.4	77.1	115.7
145	17.3	26.9	40.3#



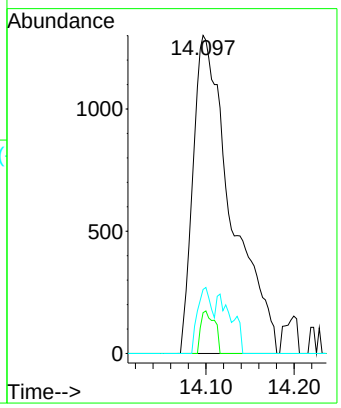


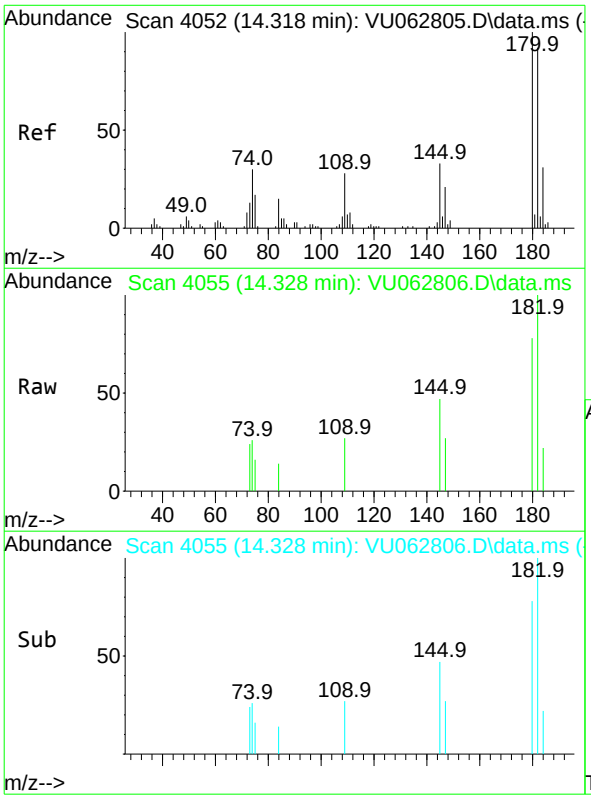
#71
Naphthalene
Concen: 108.718 ug/L
RT: 14.097 min Scan# 39
Delta R.T. 0.016 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Instrument :
MSVOA_U
ClientSampleId :
VBLK142

Tgt Ion:128 Resp: 3915

Ion	Ratio	Lower	Upper
128	100		
129	4.8	8.5	12.7#
127	7.8	10.2	15.2#





#72
1,2,3-Trichlorobenzene
Concen: 77.749 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.010 min
Lab File: VU062806.D
Acq: 16 Jan 2025 09:31

Tgt Ion:180 Resp: 1668

Ion	Ratio	Lower	Upper
180	100		
182	106.0	79.8	119.6
145	42.7	29.2	43.8