Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101823\
Data File : VV032464.D
Acq On : 18 Oct 2023 12:18
Operator : SY/MD
Sample : 04903-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 19 04:28:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 19 04:26:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.667	114	103230	5.000	ug/L	0.13
28) Chlorobenzene-d5	8.847	117	110831	5.000	ug/L	0.06
58) 1,4-Dichlorobenzene-d4	11.207	152	55268	5.000	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	51835	6.174	ug/L	0.04
Spiked Amount 5.000	Range 40 - 130		Recovery = 123.400%			
7) Chloroethane-d5	1.645	69	42017	6.165	ug/L	0.11
Spiked Amount 5.000	Range 65 - 130		Recovery = 123.400%			
11) 1,1-Dichloroethene-d2	2.265	65	21681	6.123	ug/L	0.21
Spiked Amount 5.000	Range 60 - 125		Recovery = 122.400%			
20) 2-Butanone-d5	3.738	46	287	0.135	ug/L	-0.07
Spiked Amount 50.000	Range 40 - 130		Recovery = 0.280%#			
24) Chloroform-d	4.484	84	82561	5.574	ug/L	0.23
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.400%			
26) 1,2-Dichloroethane-d4	5.120	65	46733	6.661	ug/L	0.18
Spiked Amount 5.000	Range 70 - 130		Recovery = 133.200%#			
32) Benzene-d6	5.124	84	160220	4.913	ug/L	0.16
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.200%			
36) 1,2-Dichloropropane-d6	6.217	67	44406	4.110	ug/L	0.23
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.200%			
41) Toluene-d8	7.371	98	112062	3.758	ug/L	0.13
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.200%			
43) trans-1,3-Dichloroprop...	7.661	79	14059	3.672	ug/L	0.10
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.400%			
46) 2-Hexanone-d5	8.117	63	61758	34.282	ug/L	0.09
Spiked Amount 50.000	Range 45 - 130		Recovery = 68.560%			
56) 1,1,2,2-Tetrachloroeth...	10.185	84	35319	4.673	ug/L	0.03
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.400%			
66) 1,2-Dichlorobenzene-d4	11.577	152	50740	4.947	ug/L	0.01
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.000%			
Target Compounds						Qvalue
6) Bromomethane	1.587	94	559	0.084	ug/L	79
8) Chloroethane	1.667	64	1124	0.169	ug/L	89
13) Acetone	1.931	43	5151	3.147	ug/L	55
14) Carbon disulfide	2.458	76	19666	0.743	ug/L	99
15) Methyl Acetate	2.439	43	27459	7.451	ug/L #	54
34) Trichloroethene	6.024	95	1446	0.136	ug/L	92
35) Methylcyclohexane	6.217	83	11030	0.669	ug/L #	17
37) 1,2-Dichloropropane	5.985	63	1197	0.115	ug/L #	47
42) Toluene	7.445	91	5058	0.122	ug/L	96
47) Tetrachloroethene	7.998	164	5222	0.646	ug/L	95
49) Dibromochloromethane	8.265	129	715	0.093	ug/L	90
52) Ethylbenzene	9.008	91	3896	0.084	ug/L	99
53) m,p-Xylene	9.130	106	5807	0.338	ug/L	92
54) o-Xylene	9.522	106	2063	0.125	ug/L	97
63) 1,2,4-Trimethylbenzene	10.879	105	8883	0.255	ug/L	91
71) Naphthalene	13.451	128	7559	0.334	ug/L #	94

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

Instrument :
MSVOA_V
ClientSampleId :

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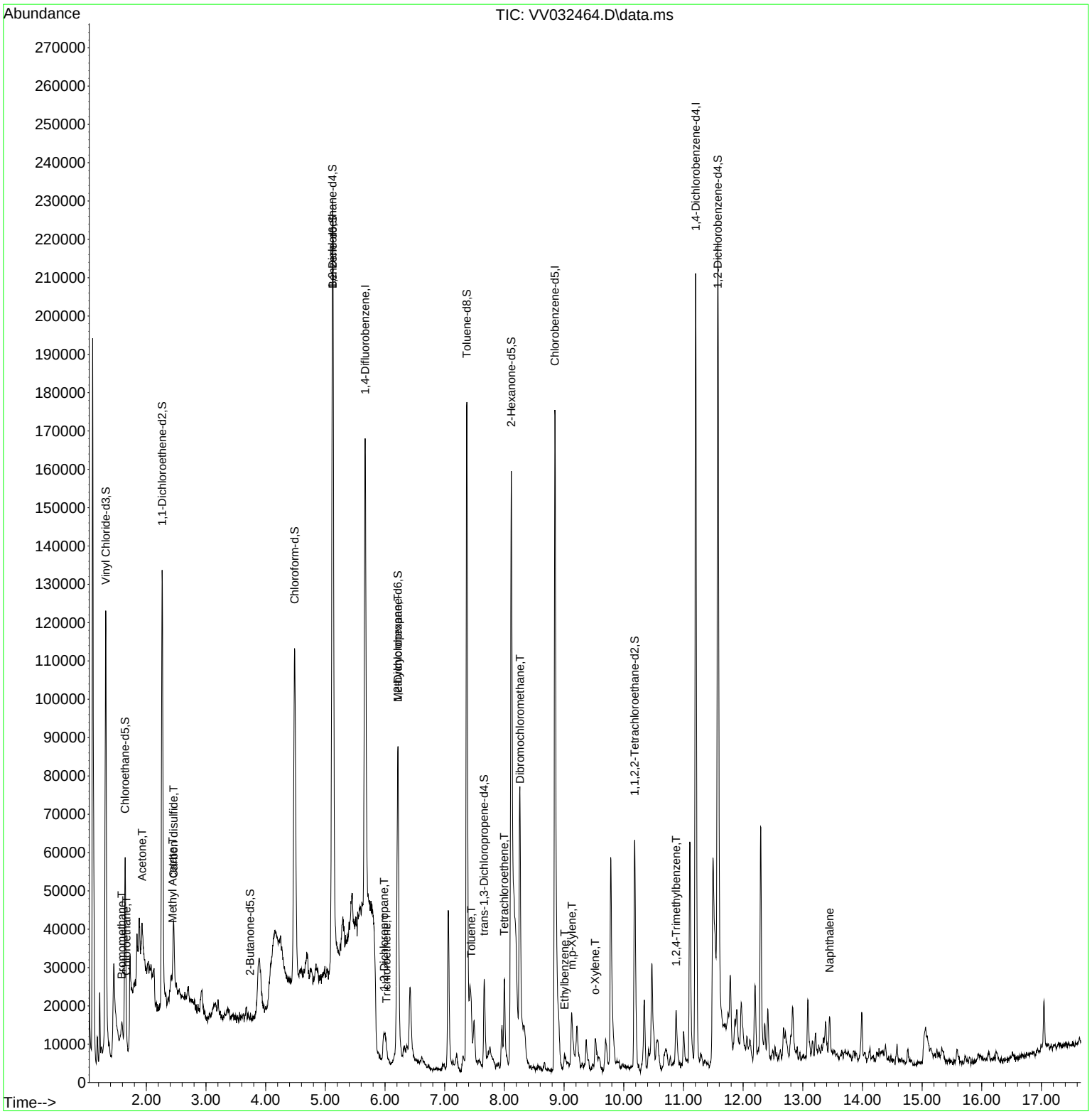
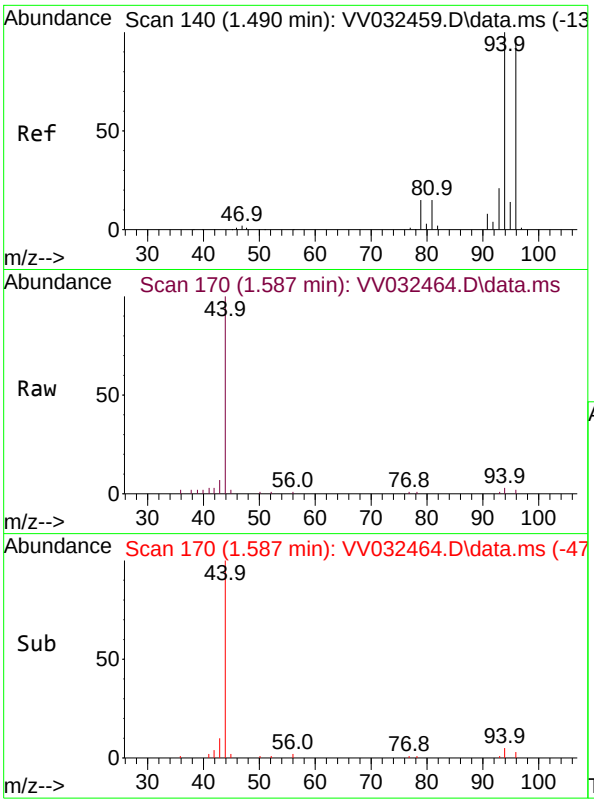
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 19 04:26:22 2023
Response via : Initial Calibration



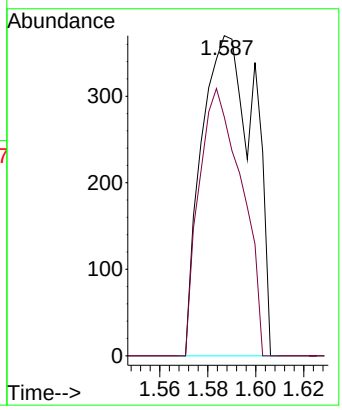


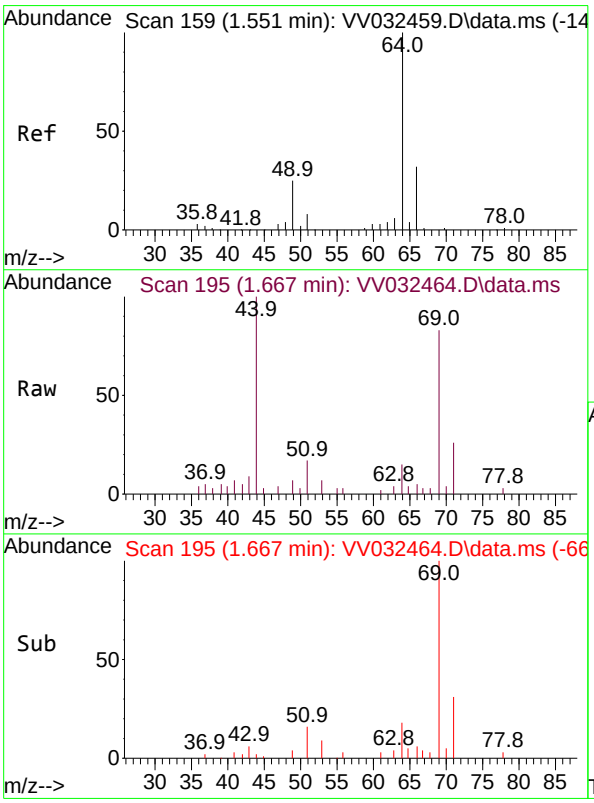
#6
Bromomethane
Concen: 0.084 ug/L
RT: 1.587 min Scan# 1
Delta R.T. 0.096 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 94 Resp: 559

Ion	Ratio	Lower	Upper
94	100		
96	74.6	66.8	124.2

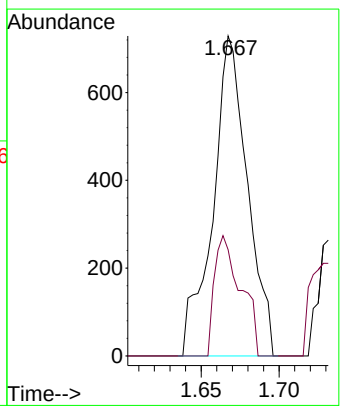


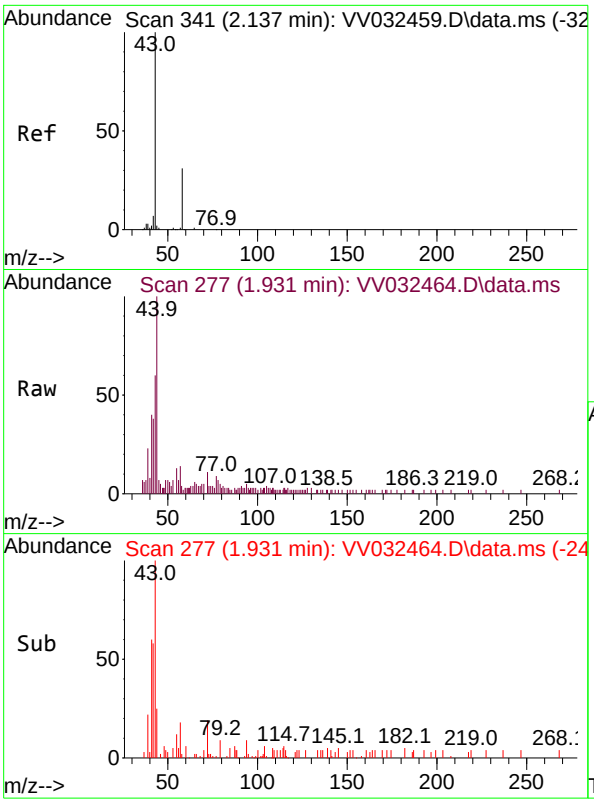


#8
Chloroethane
Concen: 0.169 ug/L
RT: 1.667 min Scan# 195
Delta R.T. 0.116 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Tgt Ion: 64 Resp: 1124

Ion	Ratio	Lower	Upper
64	100		
66	26.4	22.6	42.0



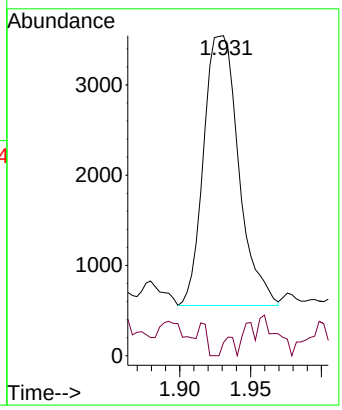


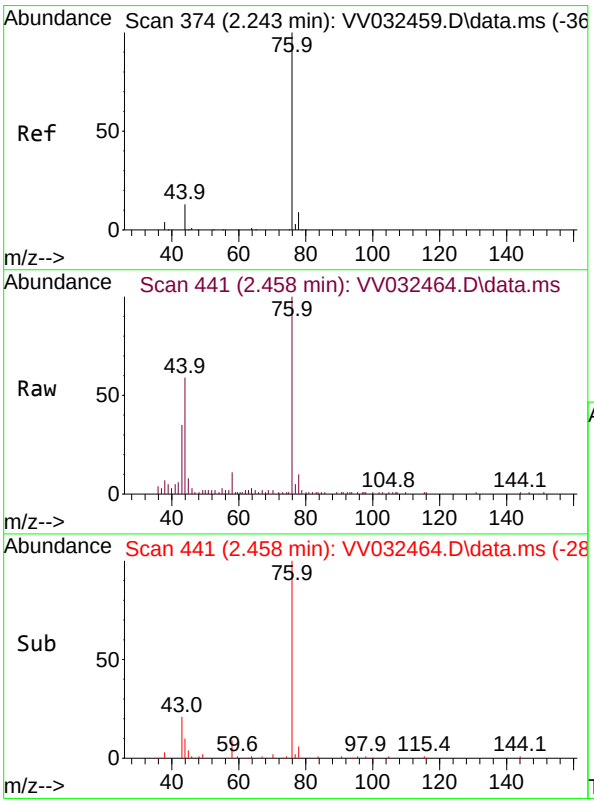
#13
Acetone
Concen: 3.147 ug/L
RT: 1.931 min Scan# 2
Delta R.T. -0.206 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 5151

Ion	Ratio	Lower	Upper
43	100		
58	7.4	0.0	66.0

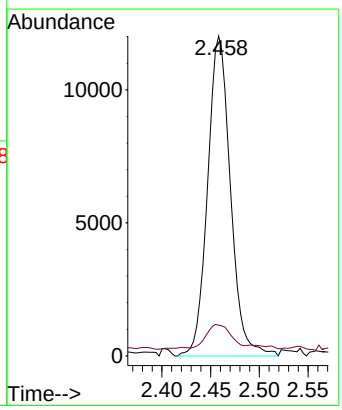


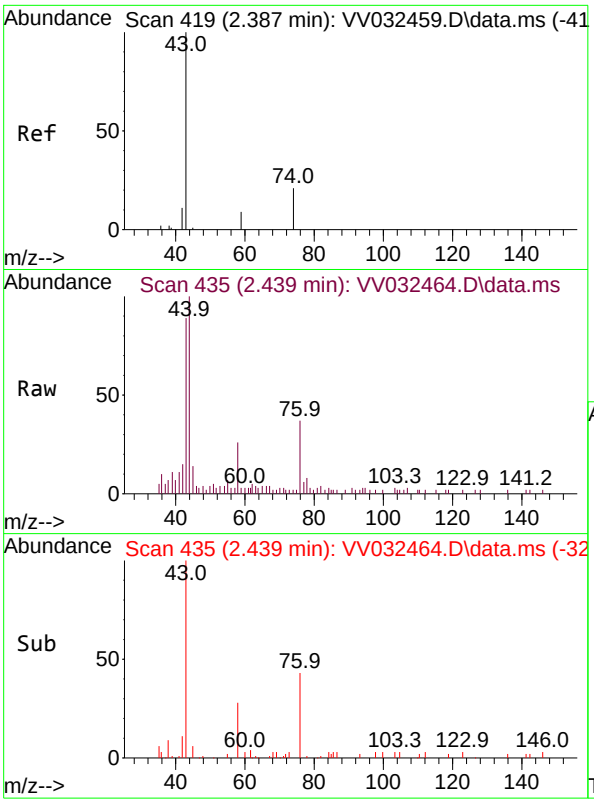


#14
Carbon disulfide
Concen: 0.743 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.215 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Tgt Ion: 76 Resp: 19666

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2



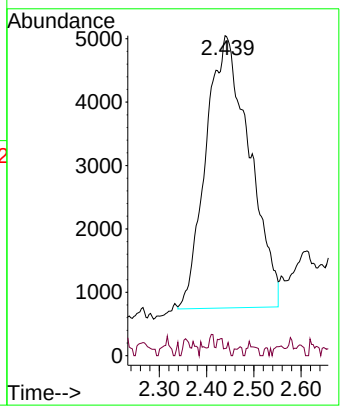


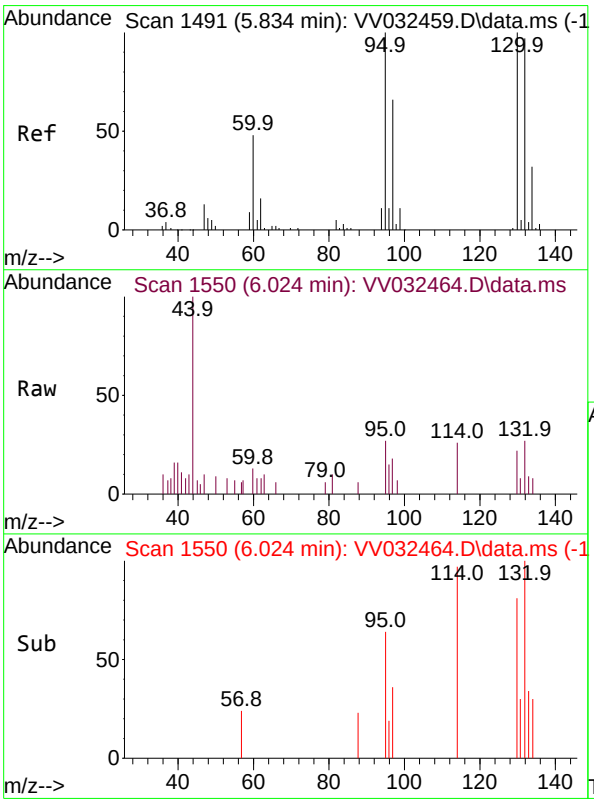
#15
Methyl Acetate
Concen: 7.451 ug/L
RT: 2.439 min Scan# 4
Delta R.T. 0.051 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 27459

Ion	Ratio	Lower	Upper
43	100		
74	0.3	18.0	27.0#

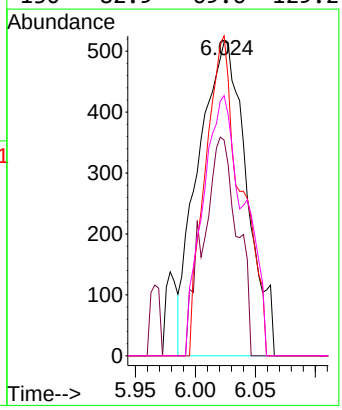


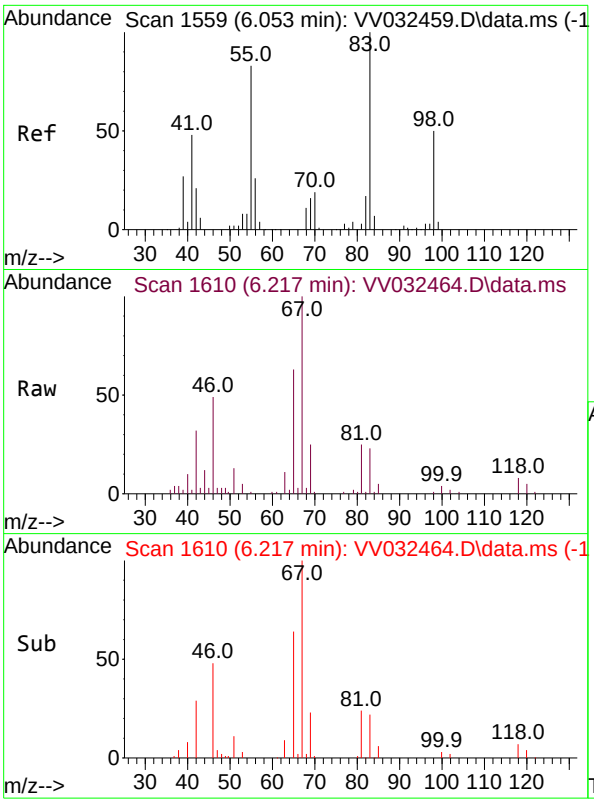


#34
Trichloroethene
Concen: 0.136 ug/L
RT: 6.024 min Scan# 1550
Delta R.T. 0.190 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Tgt Ion: 95 Resp: 1446

Ion	Ratio	Lower	Upper
95	100		
97	68.7	45.7	84.9
132	101.9	70.3	130.5
130	82.9	69.6	129.2



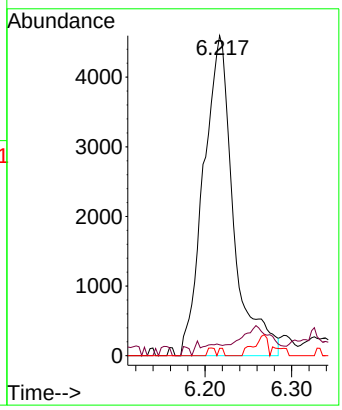


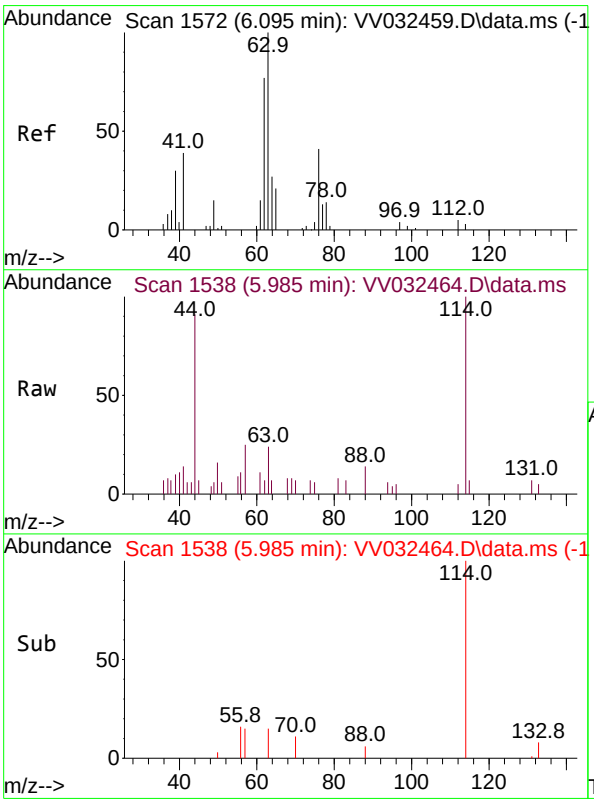
#35
Methylcyclohexane
Concen: 0.669 ug/L
RT: 6.217 min Scan# 1
Delta R.T. 0.164 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 11030

Ion	Ratio	Lower	Upper
83	100		
55	0.3	64.2	96.2#
98	0.4	39.6	59.4#

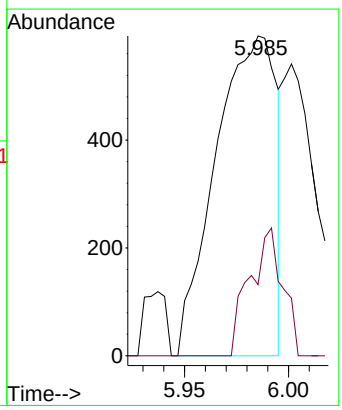


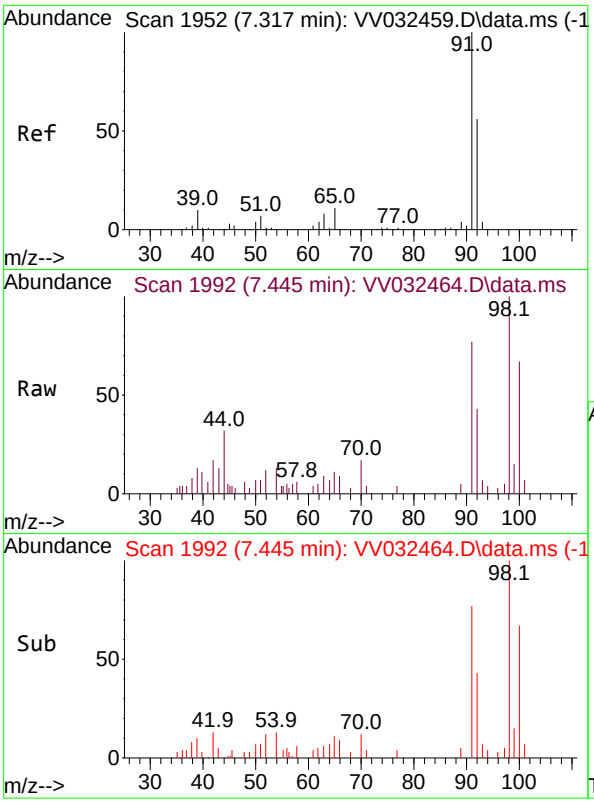


#37
1,2-Dichloropropane
Concen: 0.115 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.109 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Tgt Ion: 63 Resp: 1197

Ion	Ratio	Lower	Upper
63	100		
112	21.7	3.4	5.2#



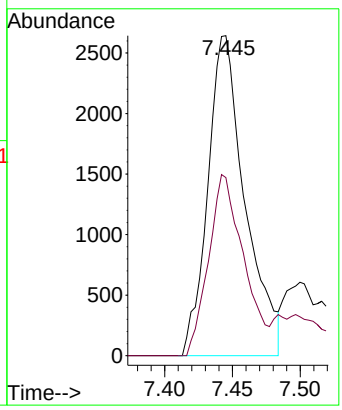


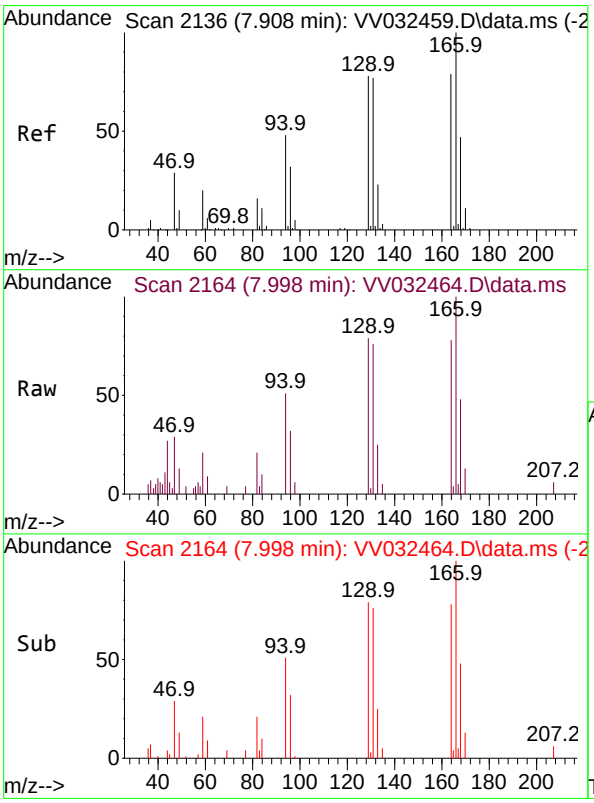
#42
Toluene
Concen: 0.122 ug/L
RT: 7.445 min Scan# 1
Delta R.T. 0.129 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 5058

Ion	Ratio	Lower	Upper
91	100		
92	55.7	40.8	75.8

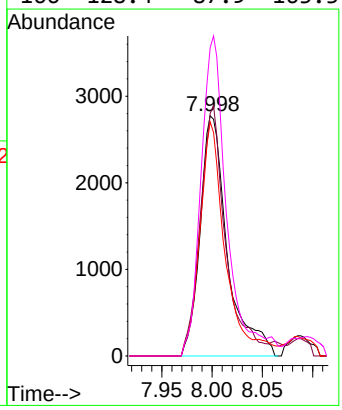


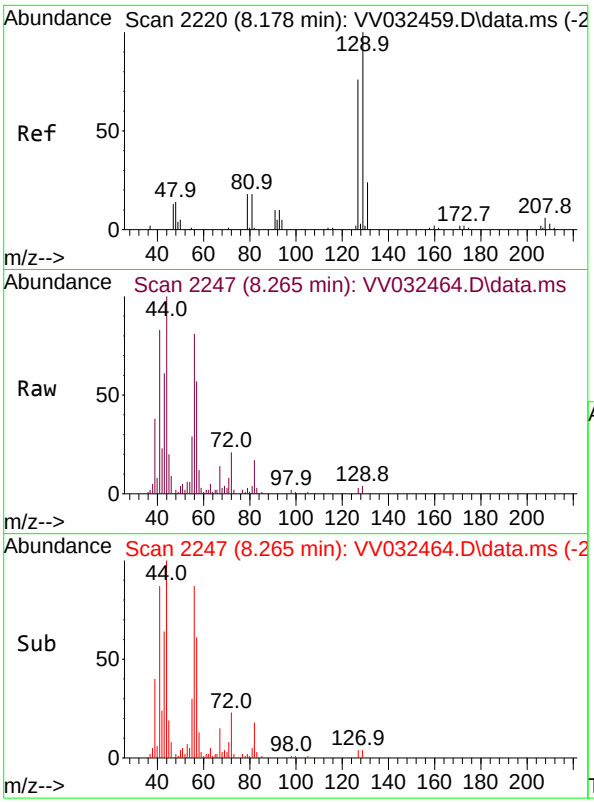


#47
Tetrachloroethene
Concen: 0.646 ug/L
RT: 7.998 min Scan# 2164
Delta R.T. 0.090 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Tgt Ion:164 Resp: 5222

Ion	Ratio	Lower	Upper
164	100		
129	101.1	66.4	123.4
131	97.4	63.7	118.3
166	128.4	87.9	163.3



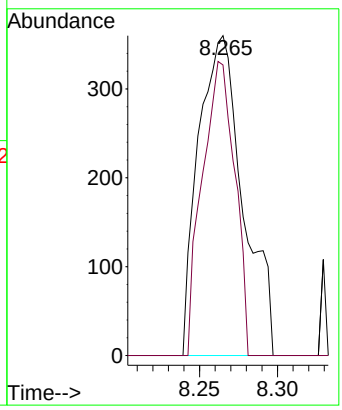


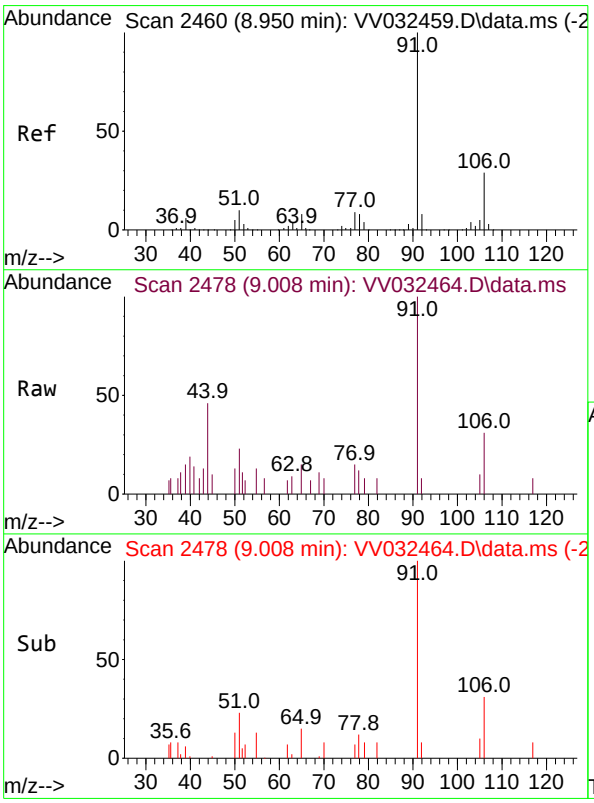
#49
Dibromochloromethane
Concen: 0.093 ug/L
RT: 8.265 min Scan# 2
Delta R.T. 0.087 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 715

Ion	Ratio	Lower	Upper
129	100		
127	90.8	57.2	106.2

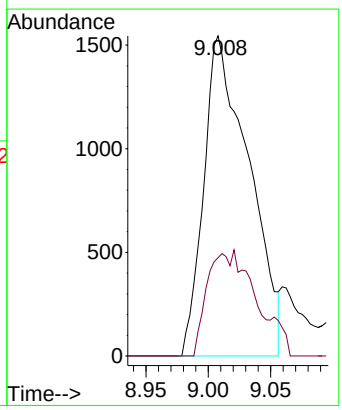


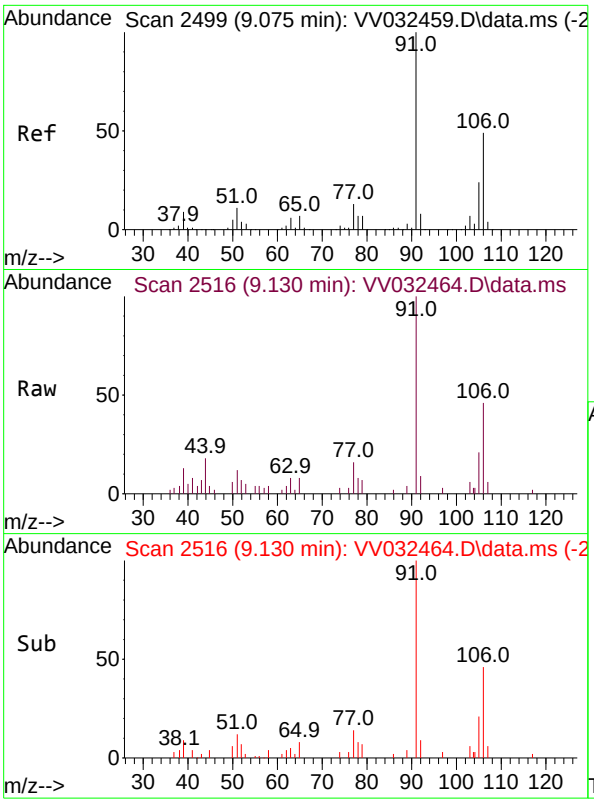


#52
Ethylbenzene
Concen: 0.084 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.058 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Tgt Ion: 91 Resp: 3896

Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.3	39.5



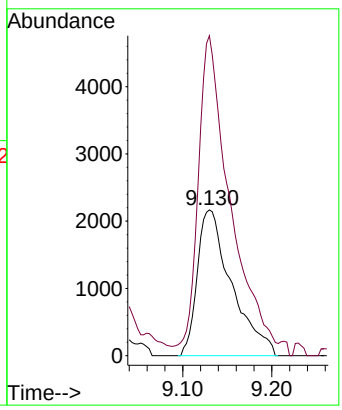


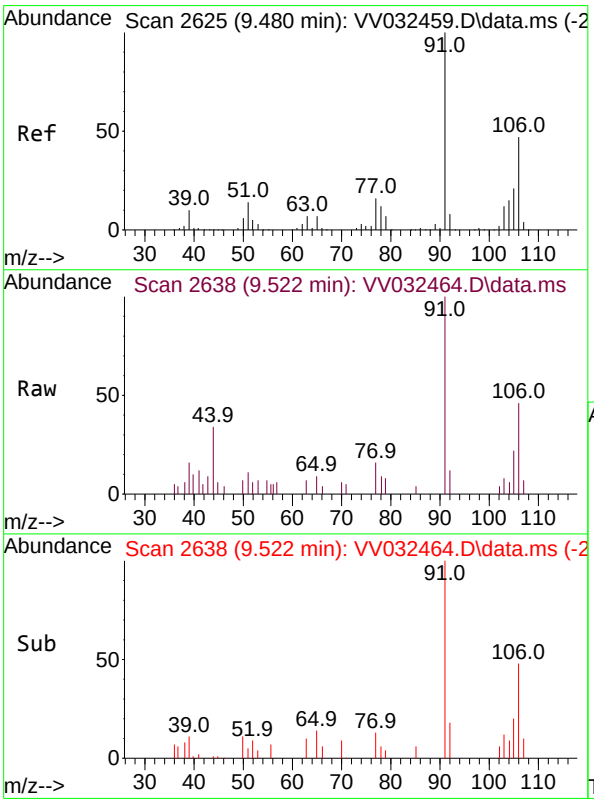
#53
m,p-Xylene
Concen: 0.338 ug/L
RT: 9.130 min Scan# 2
Delta R.T. 0.055 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 5807

Ion	Ratio	Lower	Upper
106	100		
91	219.5	144.5	268.3

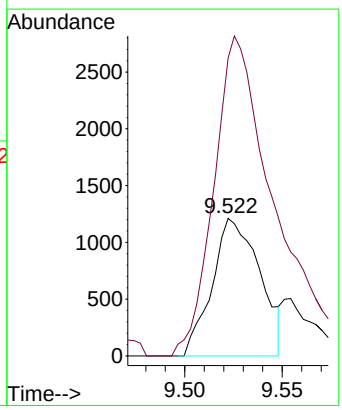


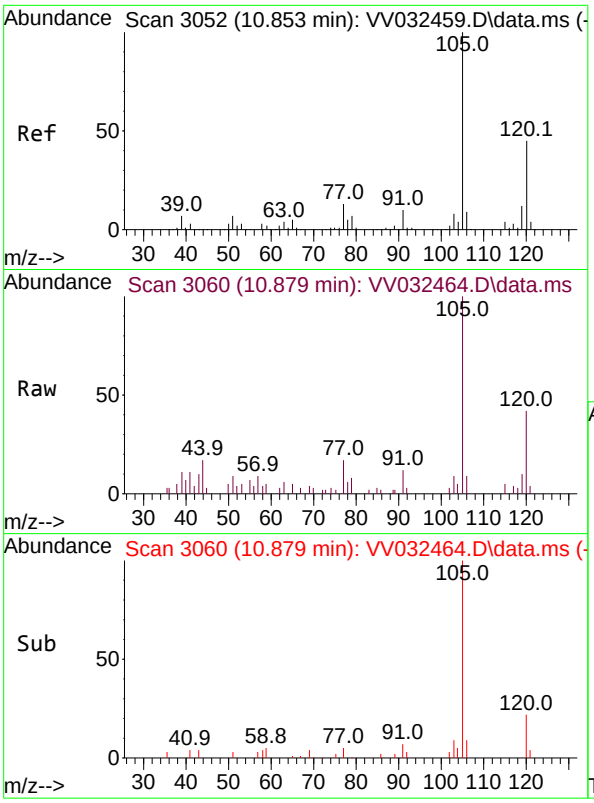


#54
o-Xylene
Concen: 0.125 ug/L
RT: 9.522 min Scan# 2638
Delta R.T. 0.042 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Tgt Ion:106 Resp: 2063

Ion	Ratio	Lower	Upper
106	100		
91	216.4	154.8	287.4



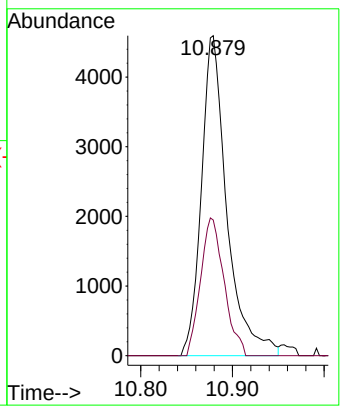


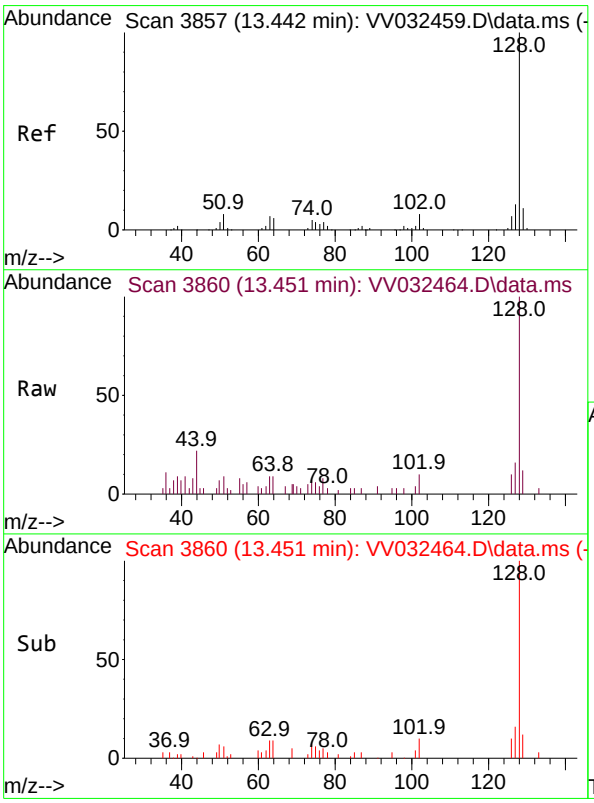
#63
1,2,4-Trimethylbenzene
Concen: 0.255 ug/L
RT: 10.879 min Scan# 3
Delta R.T. 0.026 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 8883

Ion	Ratio	Lower	Upper
105	100		
120	39.5	36.2	54.4





#71
Naphthalene
Concen: 0.334 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.010 min
Lab File: VV032464.D
Acq: 18 Oct 2023 12:18

Tgt Ion:128 Resp: 7559

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.4
127	16.1	10.2	15.2#