Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033294.D
Acq On : 13 Dec 2023 22:20
Operator : SY/MD
Sample : 05731-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y66

Quant Time: Dec 13 23:37:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	122689	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	117493	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	62196	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37450	4.761	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.200%			
7) Chloroethane-d5	1.532	69	29370	5.021	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.400%			
11) 1,1-Dichloroethene-d2	2.060	65	15219	4.862	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.200%			
20) 2-Butanone-d5	3.806	46	49930	53.645	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.280%			
24) Chloroform-d	4.249	84	83838	5.111	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.200%			
26) 1,2-Dichloroethane-d4	4.944	65	40763	5.718	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.400%			
32) Benzene-d6	4.963	84	162944	5.361	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.200%			
36) 1,2-Dichloropropane-d6	5.989	67	39062	5.646	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.000%			
41) Toluene-d8	7.243	98	149543	5.049	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.000%			
43) trans-1,3-Dichloroprop...	7.558	79	15610	4.946	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.000%			
46) 2-Hexanone-d5	8.027	63	52100	59.133	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.260%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	26379	5.638	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.800%			
66) 1,2-Dichlorobenzene-d4	11.561	152	62021	5.662	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.200%			
Target Compounds						Qvalue
13) Acetone	2.137	43	1725	2.619	ug/L #	58
14) Carbon disulfide	2.246	76	2113	0.092	ug/L #	91
25) Chloroform	4.281	83	8494	0.540	ug/L	98
30) Cyclohexane	4.580	56	2878	0.277	ug/L #	82
33) Benzene	5.021	78	8471	0.269	ug/L	100
34) Trichloroethene	5.841	95	5085	0.554	ug/L	85
35) Methylcyclohexane	6.050	83	4948	0.364	ug/L	87
38) Bromodichloromethane	6.439	83	1107	0.109	ug/L #	90
42) Toluene	7.320	91	27311	0.757	ug/L	92
47) Tetrachloroethene	7.908	164	1886	0.217	ug/L	97
52) Ethylbenzene	8.953	91	9118	0.226	ug/L	89
53) m,p-Xylene	9.075	106	5339	0.321	ug/L	73
54) o-Xylene	9.484	106	2157	0.137	ug/L	84
63) 1,2,4-Trimethylbenzene	10.857	105	4051	0.122	ug/L	95

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

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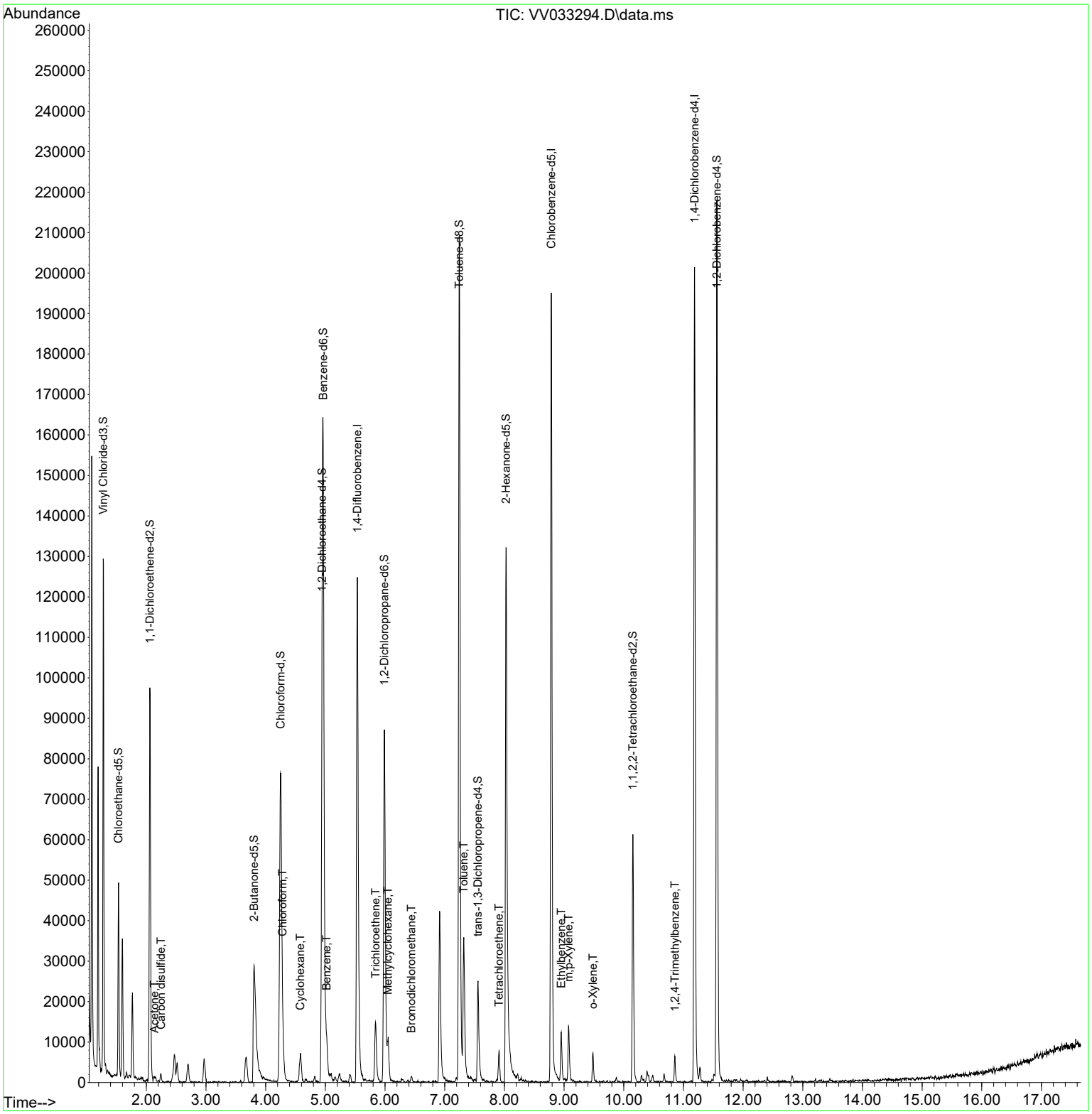
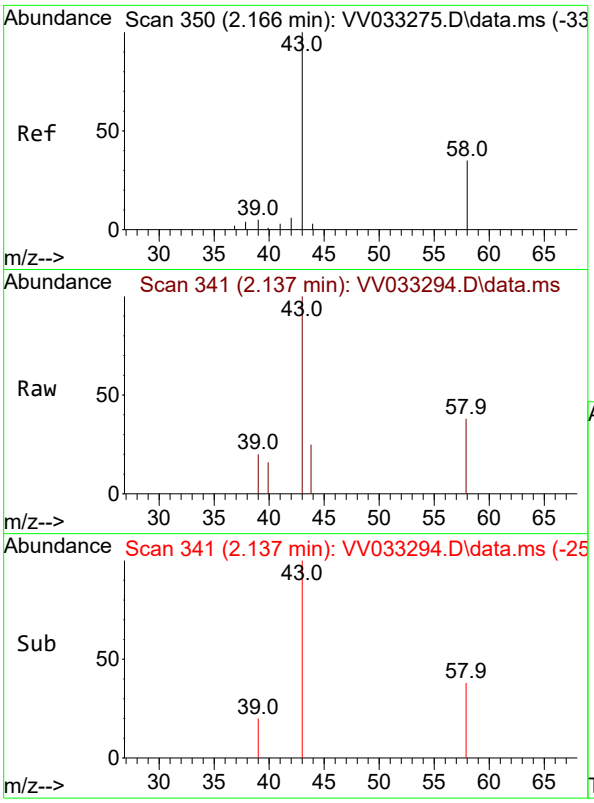
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 2023
Response via : Initial Calibration



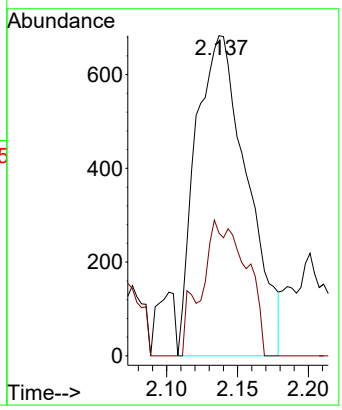


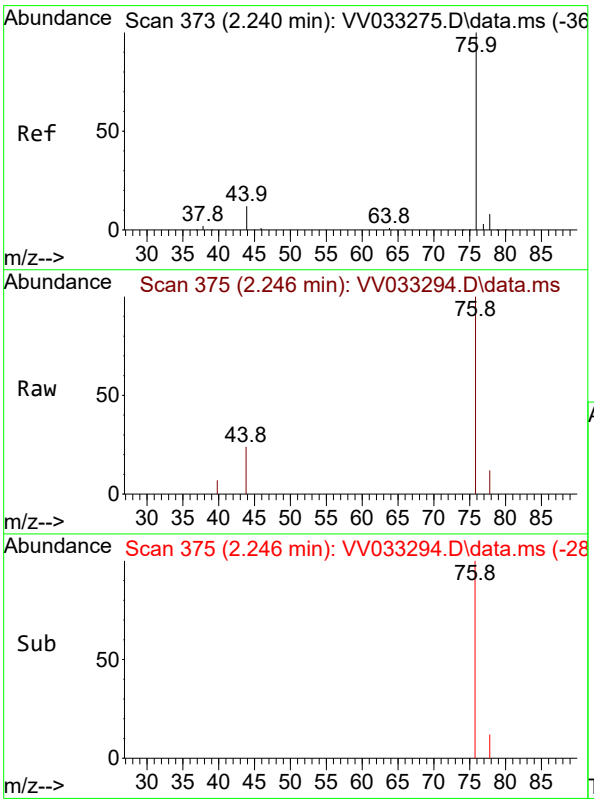
#13
Acetone
Concen: 2.619 ug/L
RT: 2.137 min Scan# 34
Delta R.T. -0.029 min
Lab File: VV033294.D
Acq: 13 Dec 2023 22:20

Instrument :
MSVOA_V
ClientSampleId :
E0Y66

Tgt Ion: 43 Resp: 1725

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	30.2#

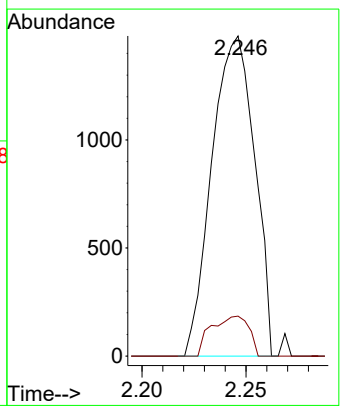


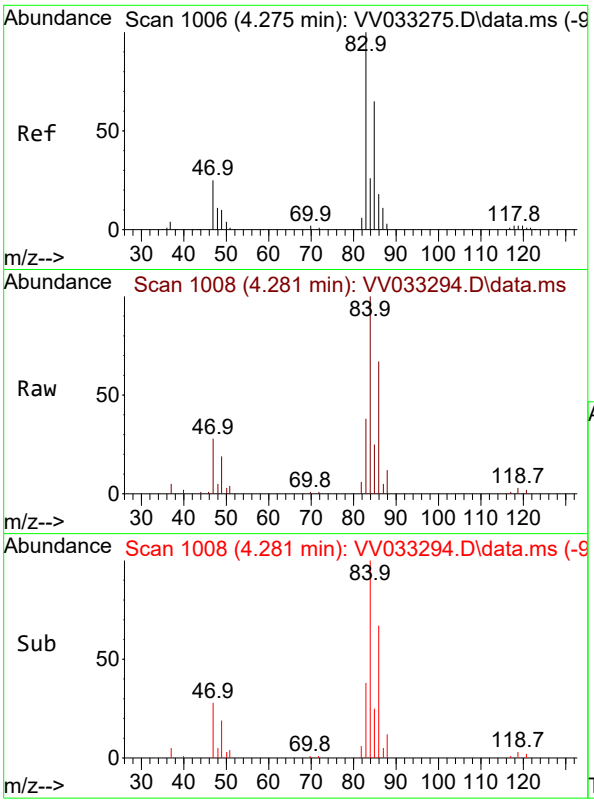


#14
Carbon disulfide
Concen: 0.092 ug/L
RT: 2.246 min Scan# 375
Delta R.T. 0.007 min
Lab File: VV033294.D
Acq: 13 Dec 2023 22:20

Tgt Ion: 76 Resp: 2113

Ion	Ratio	Lower	Upper
76	100		
78	12.5	7.4	11.0#



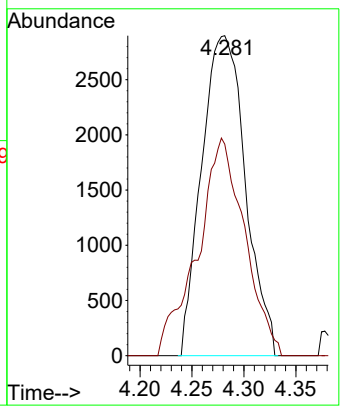


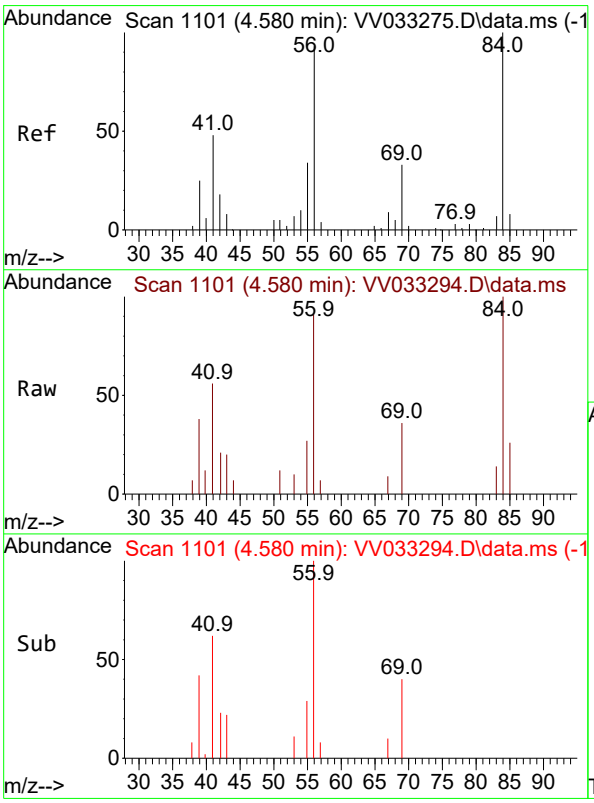
#25
Chloroform
Concen: 0.540 ug/L
RT: 4.281 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV033294.D
Acq: 13 Dec 2023 22:20

Instrument :
MSVOA_V
ClientSampleId :
E0Y66

Tgt Ion: 83 Resp: 8494

Ion	Ratio	Lower	Upper
83	100		
85	66.1	45.3	84.1

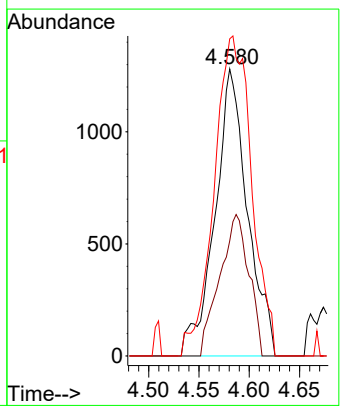


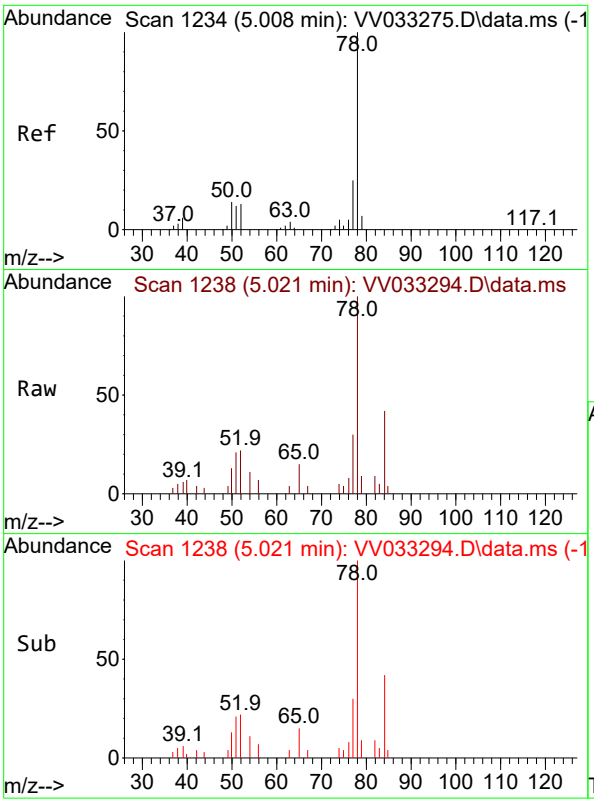


#30
Cyclohexane
Concen: 0.277 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV033294.D
Acq: 13 Dec 2023 22:20

Tgt Ion: 56 Resp: 2878

Ion	Ratio	Lower	Upper
56	100		
69	44.1	28.8	43.2#
84	128.4	86.2	129.4

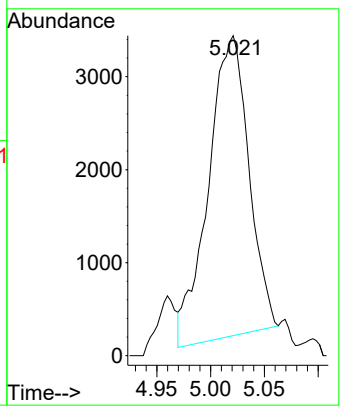


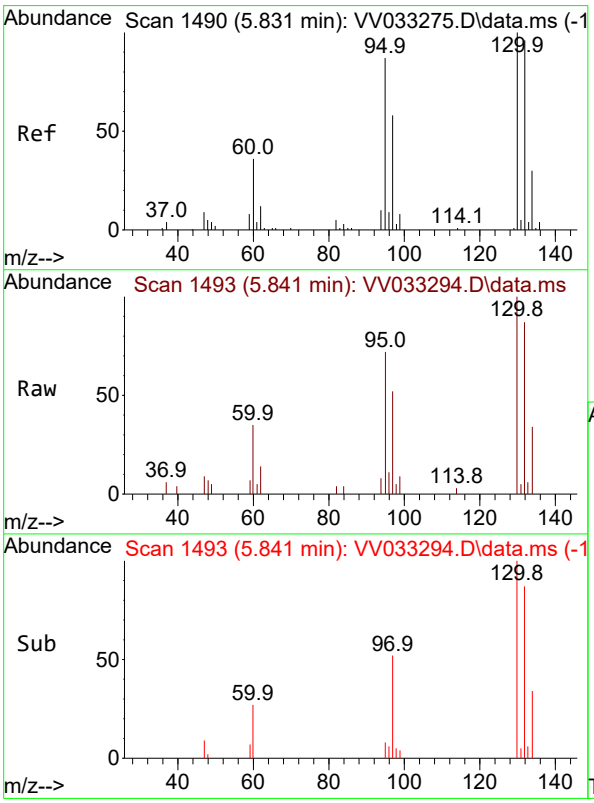


#33
Benzene
Concen: 0.269 ug/L
RT: 5.021 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV033294.D
Acq: 13 Dec 2023 22:20

Instrument :
MSVOA_V
ClientSampleId :
E0Y66

Tgt Ion: 78 Resp: 8471

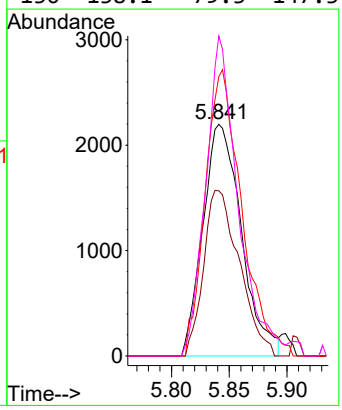


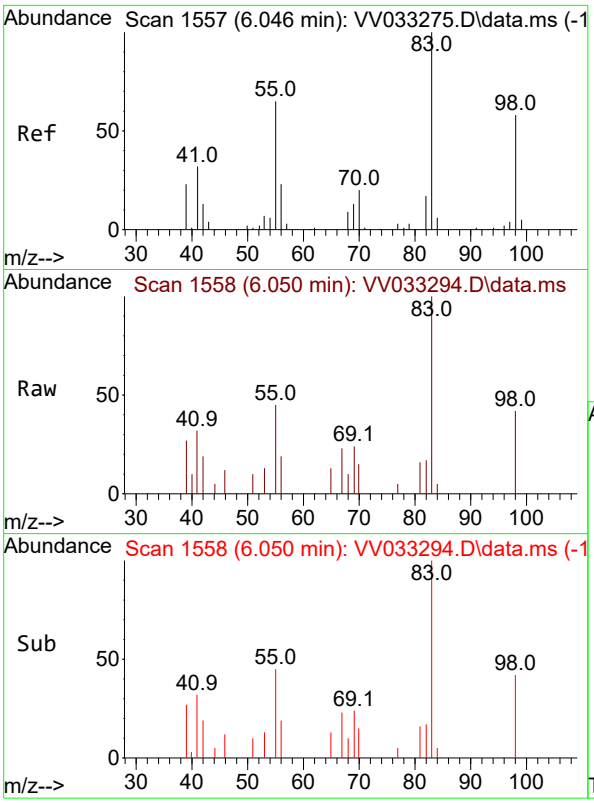


#34
Trichloroethene
Concen: 0.554 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV033294.D
Acq: 13 Dec 2023 22:20

Tgt Ion: 95 Resp: 5085

Ion	Ratio	Lower	Upper
95	100		
97	71.3	46.5	86.5
132	120.6	75.1	139.5
130	138.1	79.3	147.3



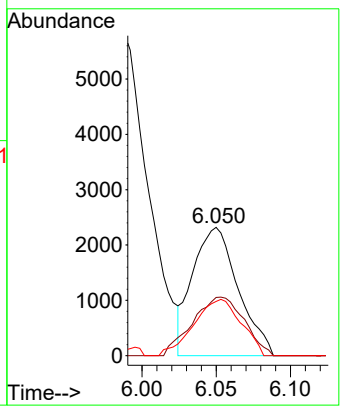


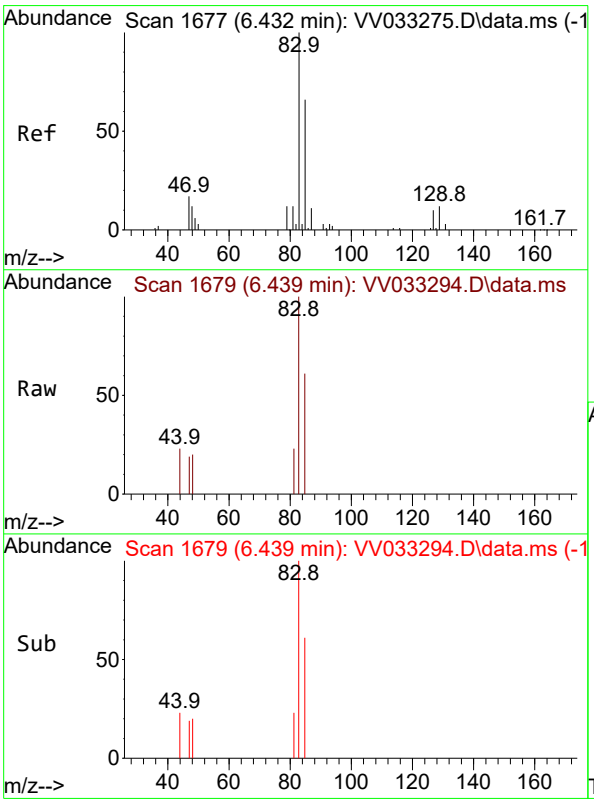
#35
Methylcyclohexane
Concen: 0.364 ug/L
RT: 6.050 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV033294.D
Acq: 13 Dec 2023 22:20

Instrument :
MSVOA_V
ClientSampleId :
E0Y66

Tgt Ion: 83 Resp: 4948

Ion	Ratio	Lower	Upper
83	100		
55	51.7	50.7	76.1
98	45.6	42.4	63.6

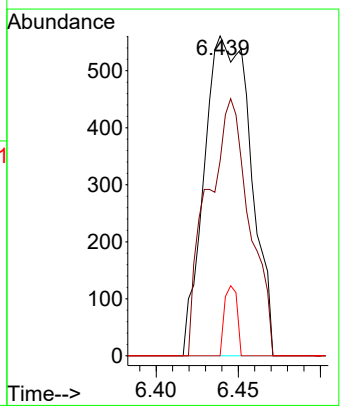


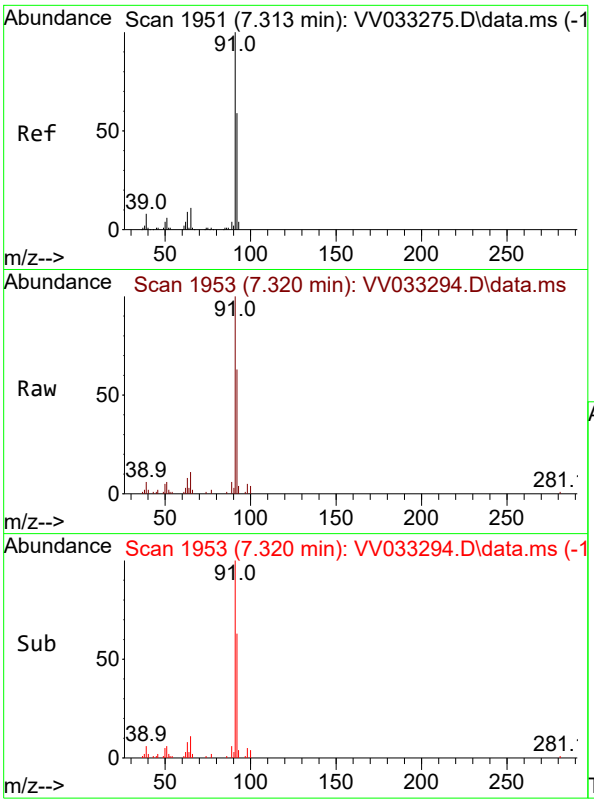


#38
Bromodichloromethane
Concen: 0.109 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.007 min
Lab File: VV033294.D
Acq: 13 Dec 2023 22:20

Tgt Ion: 83 Resp: 1107

Ion	Ratio	Lower	Upper
83	100		
85	61.0	46.6	86.6
127	0.0	8.6	13.0#



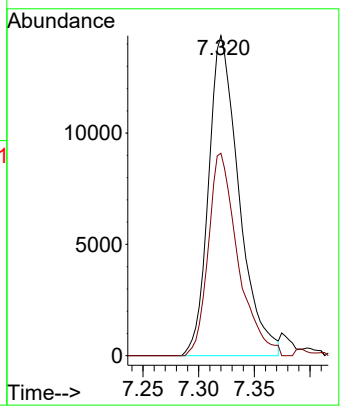


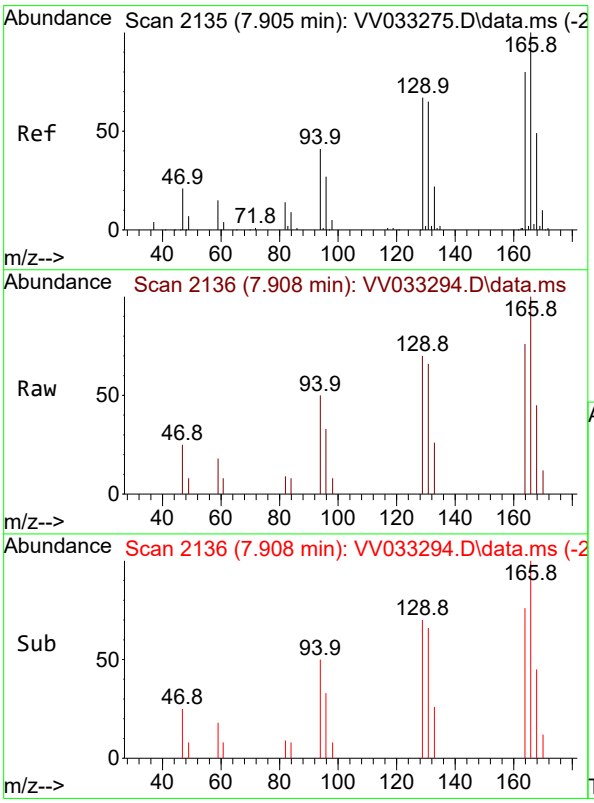
#42
Toluene
Concen: 0.757 ug/L
RT: 7.320 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV033294.D
Acq: 13 Dec 2023 22:20

Instrument :
MSVOA_V
ClientSampleId :
E0Y66

Tgt Ion: 91 Resp: 27311

Ion	Ratio	Lower	Upper
91	100		
92	63.3	40.2	74.6

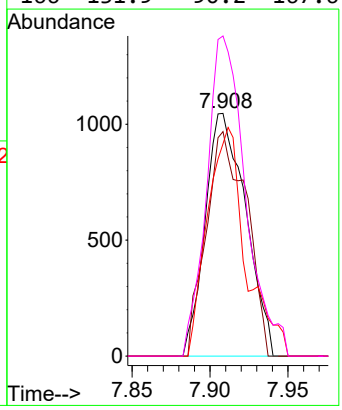


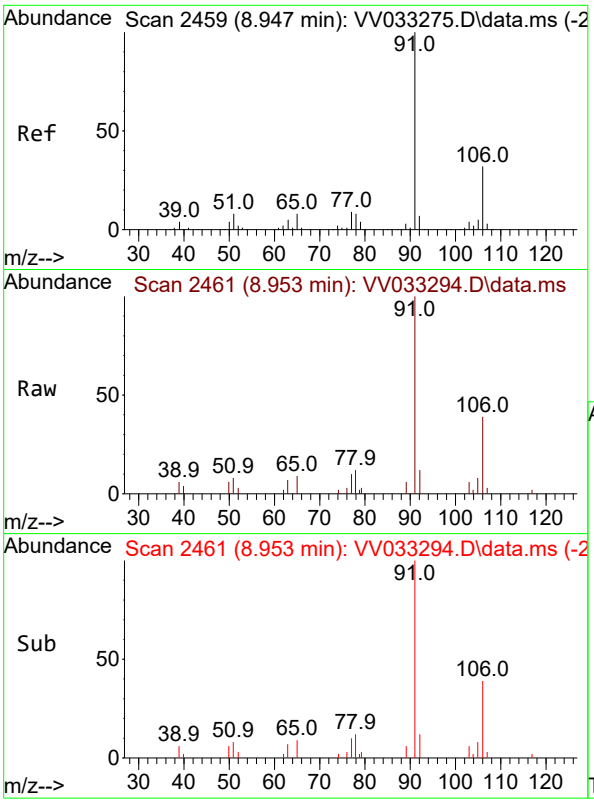


#47
Tetrachloroethene
Concen: 0.217 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV033294.D
Acq: 13 Dec 2023 22:20

Tgt Ion:164 Resp: 1886

Ion	Ratio	Lower	Upper
164	100		
129	92.5	62.6	116.3
131	87.5	62.6	116.3
166	131.9	90.2	167.6



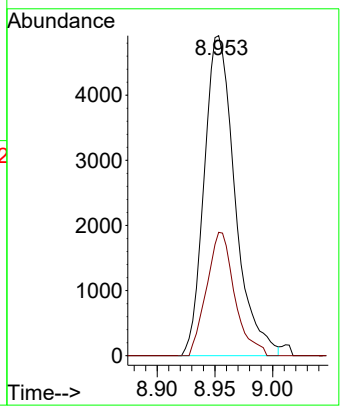


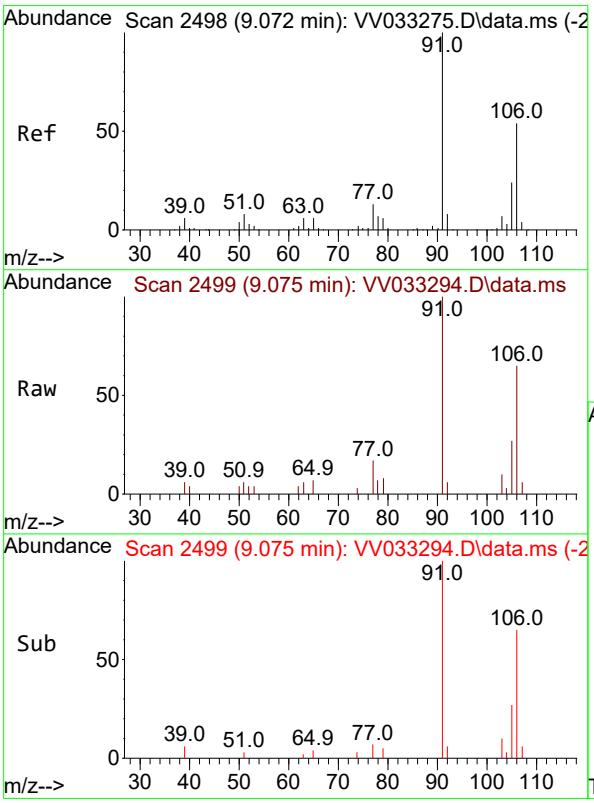
#52
Ethylbenzene
Concen: 0.226 ug/L
RT: 8.953 min Scan# 24
Delta R.T. 0.007 min
Lab File: VV033294.D
Acq: 13 Dec 2023 22:20

Instrument :
MSVOA_V
ClientSampleId :
E0Y66

Tgt Ion: 91 Resp: 9118

Ion	Ratio	Lower	Upper
91	100		
106	38.6	22.7	42.3

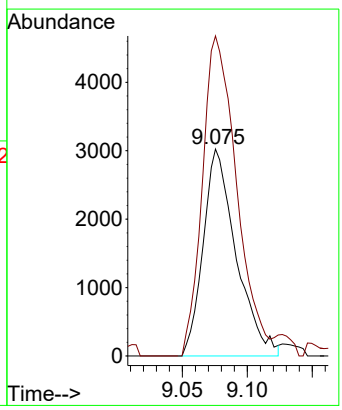


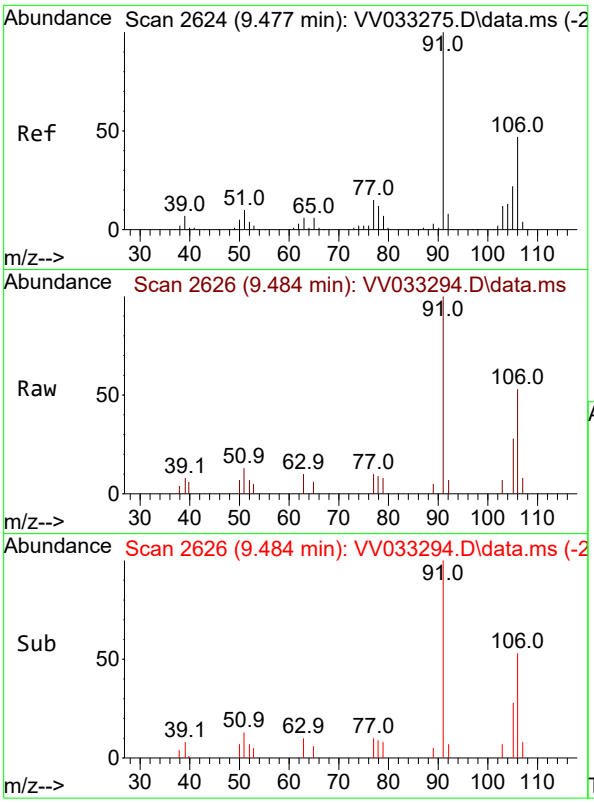


#53
m,p-Xylene
Concen: 0.321 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV033294.D
Acq: 13 Dec 2023 22:20

Tgt Ion:106 Resp: 5339

Ion	Ratio	Lower	Upper
106	100		
91	154.6	136.8	254.0



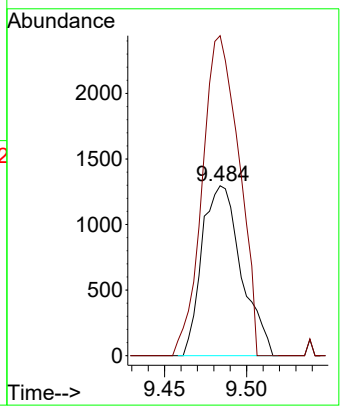


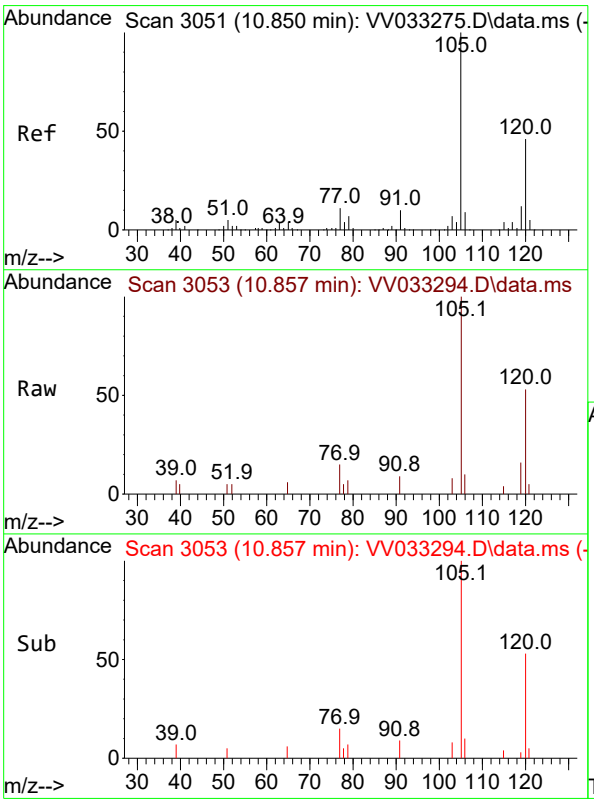
#54
o-Xylene
Concen: 0.137 ug/L
RT: 9.484 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV033294.D
Acq: 13 Dec 2023 22:20

Instrument :
MSVOA_V
ClientSampleId :
E0Y66

Tgt Ion:106 Resp: 2157

Ion	Ratio	Lower	Upper
106	100		
91	188.3	149.9	278.5





#63
1,2,4-Trimethylbenzene
Concen: 0.122 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.007 min
Lab File: VV033294.D
Acq: 13 Dec 2023 22:20

Tgt Ion:105 Resp: 4051

Ion	Ratio	Lower	Upper
105	100		
120	50.8	38.1	57.1