Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092023\
Data File : VV032149.D
Acq On : 20 Sep 2023 15:56
Operator : SY/MD
Sample : 04472-21
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 21 01:40:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 21 01:37:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	274351	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	269861	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	152062	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	70241	40.909	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.820%			
7) Chloroethane-d5	1.503	69	17576	11.677	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 23.360%#			
11) 1,1-Dichloroethene-d2	2.037	65	28074	34.919	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.840%			
21) 2-Butanone-d5	3.806	46	97650	72.312	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 72.310%			
24) Chloroform-d	4.249	84	123631	32.943	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 65.880%#			
26) 1,2-Dichloroethane-d4	4.941	65	81387	32.679	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 65.360%#			
32) Benzene-d6	4.957	84	260110	35.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.640%			
36) 1,2-Dichloropropane-d6	5.992	67	87790	37.040	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 74.080%			
41) Toluene-d8	7.246	98	236235	34.817	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 69.640%#			
43) trans-1,3-Dichloroprop...	7.558	79	40119	32.658	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.320%			
47) 2-Hexanone-d5	8.047	63	66637	91.731	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.730%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	119268	38.941	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 77.880%			
66) 1,2-Dichlorobenzene-d4	11.567	152	100085	36.106	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 72.220%#			
Target Compounds						Qvalue
14) Carbon disulfide	2.220	76	4039	1.233	ug/L #	91
29) Cyclohexane	4.574	56	1804	0.642	ug/L #	94
35) Methylcyclohexane	6.043	83	13335	4.521	ug/L	92
45) 1,1,2-Trichloroethane	7.719	97	6437	3.100	ug/L #	19
48) 2-Hexanone	8.018	43	15150	6.082	ug/L #	37
52) Ethylbenzene	8.956	91	34113	3.611	ug/L	99
53) m,p-Xylene	9.075	106	54720	15.598	ug/L	98
54) o-Xylene	9.484	106	33029	9.466	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	10265	3.492	ug/L #	55
60) Isopropylbenzene	10.680	105	39910	3.919	ug/L	93
62) 1,3,5-Trimethylbenzene	10.481	105	77696	9.068	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	129672	15.044	ug/L	98
71) Naphthalene	13.445	128	68281	6.691	ug/L #	96

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

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ClientSampleId :

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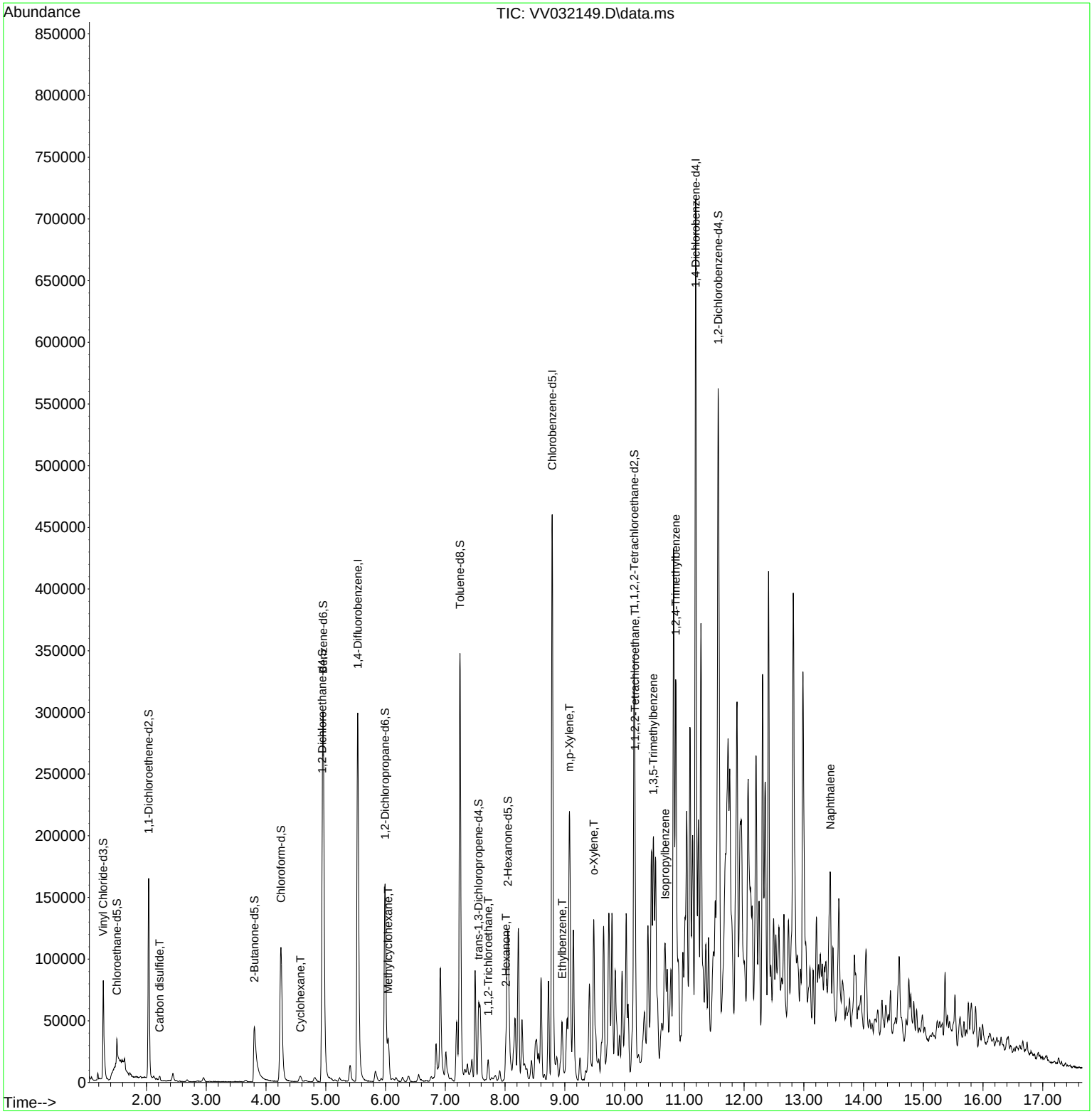
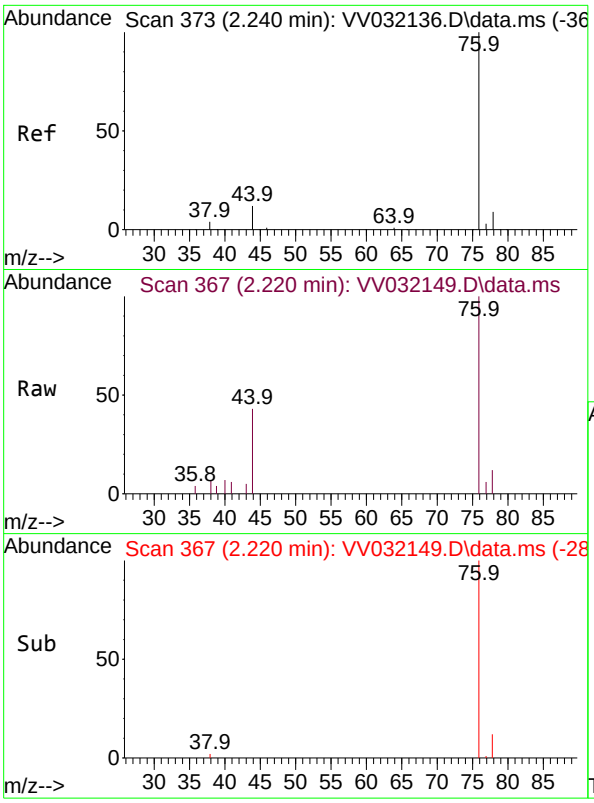
Quant Title : VOC Analysis
QLast Update : Thu Sep 21 01:37:00 2023
Response via : Initial Calibration



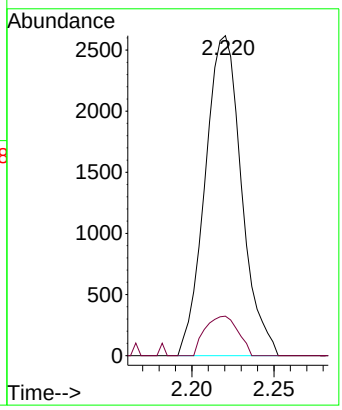


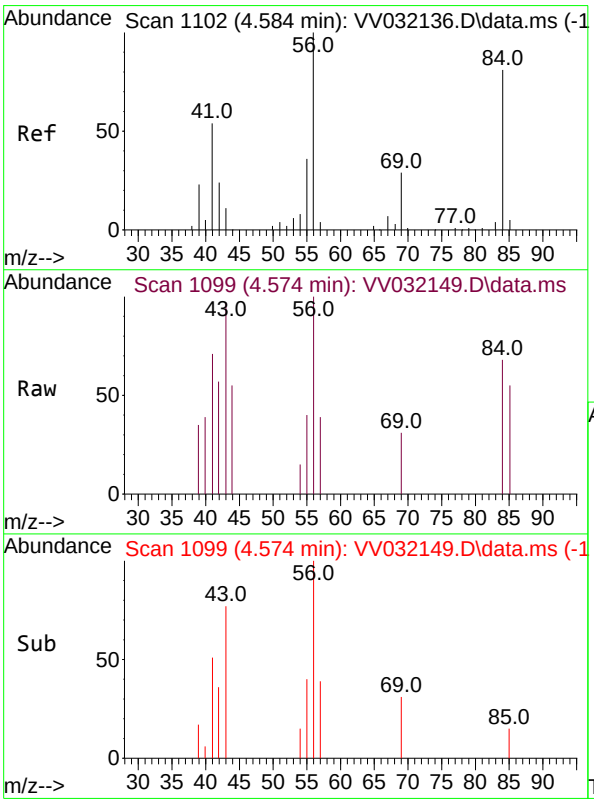
#14
Carbon disulfide
Concen: 1.233 ug/L
RT: 2.220 min Scan# 3
Delta R.T. -0.019 min
Lab File: VV032149.D
Acq: 20 Sep 2023 15:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 4039

Ion	Ratio	Lower	Upper
76	100		
78	12.3	7.4	11.0#

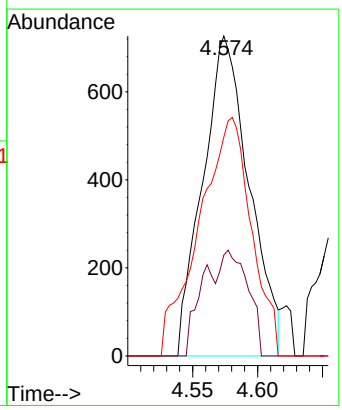


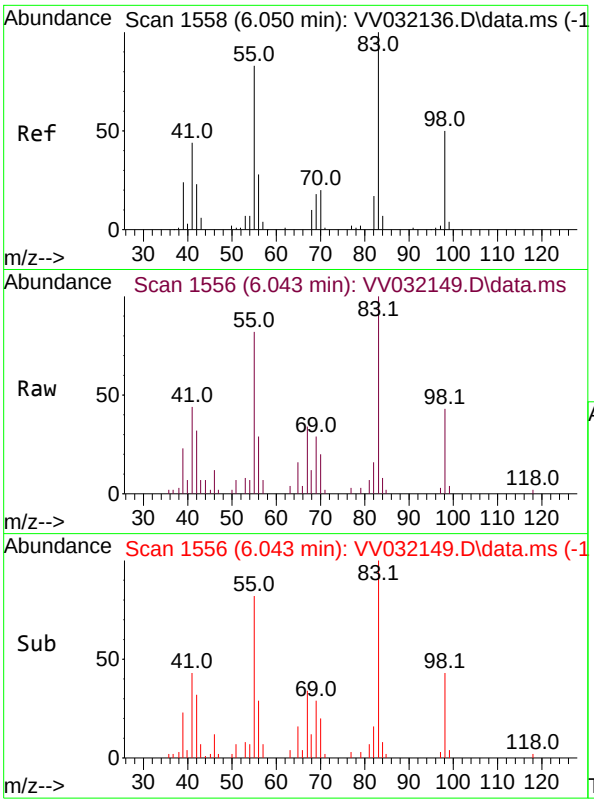


#29
Cyclohexane
Concen: 0.642 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.010 min
Lab File: VV032149.D
Acq: 20 Sep 2023 15:56

Tgt Ion: 56 Resp: 1804

Ion	Ratio	Lower	Upper
56	100		
69	20.0	24.2	36.4#
84	83.6	67.5	101.3



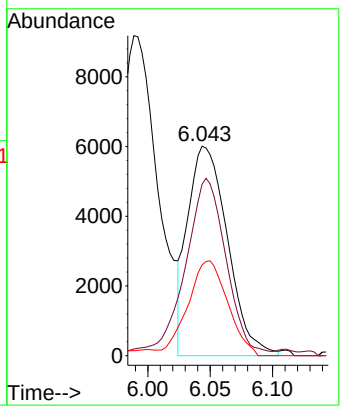


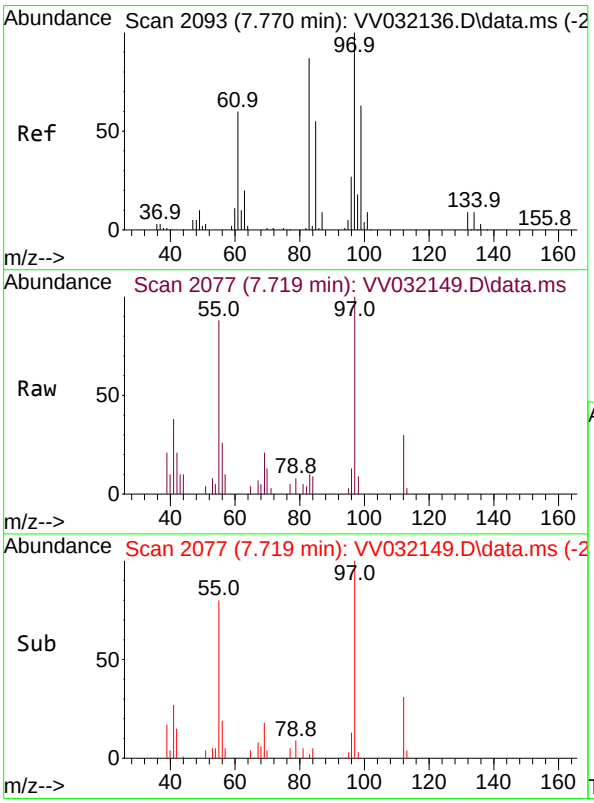
#35
Methylcyclohexane
Concen: 4.521 ug/L
RT: 6.043 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV032149.D
Acq: 20 Sep 2023 15:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 13335

Ion	Ratio	Lower	Upper
83	100		
55	88.5	62.2	93.2
98	45.5	36.7	55.1

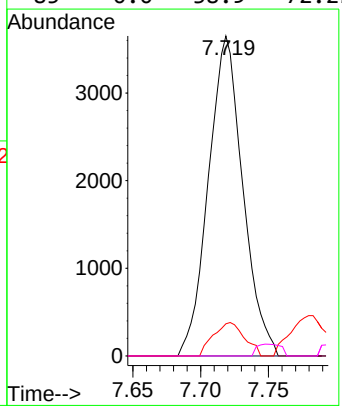


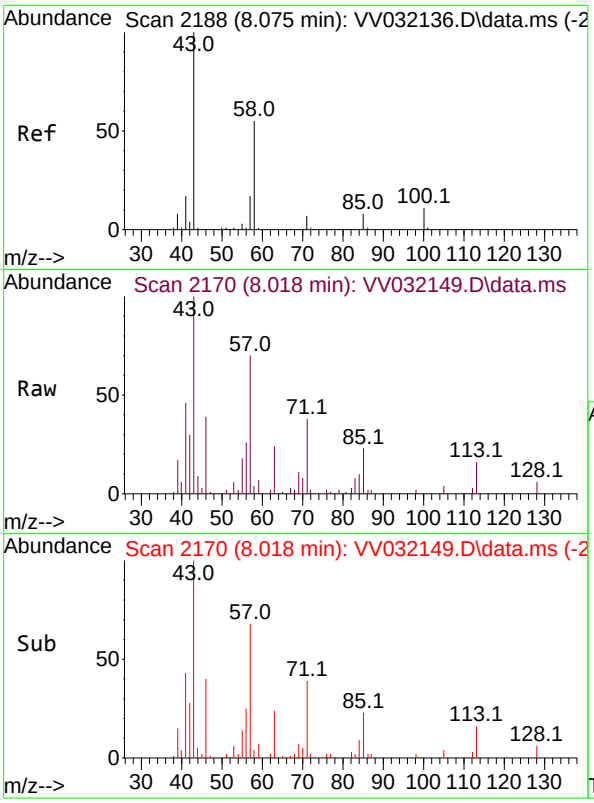


#45
1,1,2-Trichloroethane
Concen: 3.100 ug/L
RT: 7.719 min Scan# 2077
Delta R.T. -0.051 min
Lab File: VV032149.D
Acq: 20 Sep 2023 15:56

Tgt Ion: 97 Resp: 6437

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.0	79.8#
83	10.1	61.2	113.6#
85	0.0	38.9	72.2#



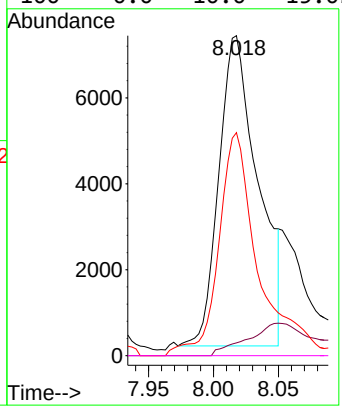


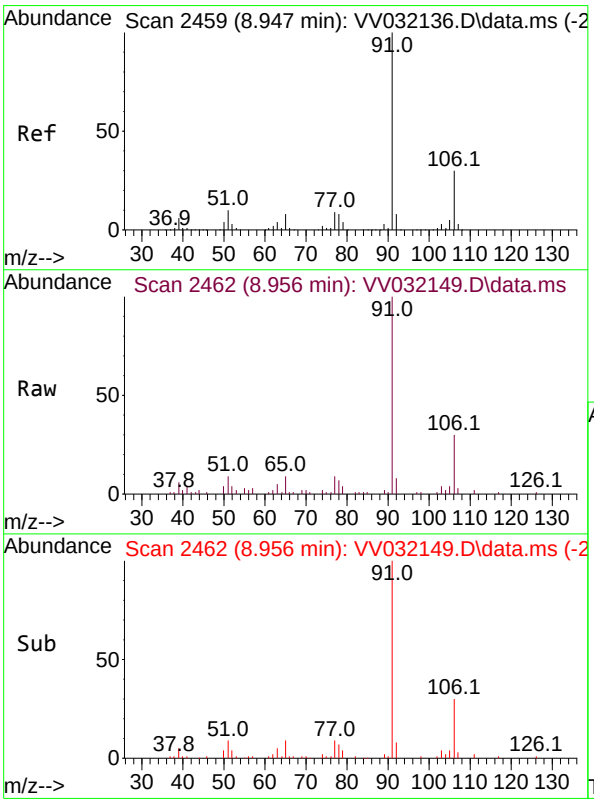
#48
2-Hexanone
Concen: 6.082 ug/L
RT: 8.018 min Scan# 21
Delta R.T. -0.058 min
Lab File: VV032149.D
Acq: 20 Sep 2023 15:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 15150

Ion	Ratio	Lower	Upper
43	100		
58	17.2	44.0	66.0#
57	72.4	15.9	23.9#
100	0.0	10.0	15.0#

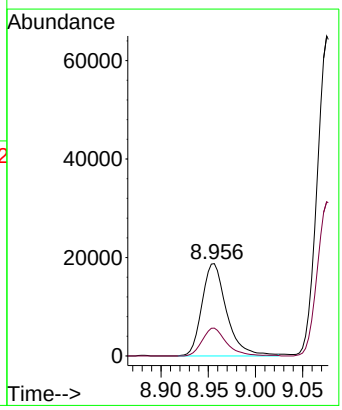


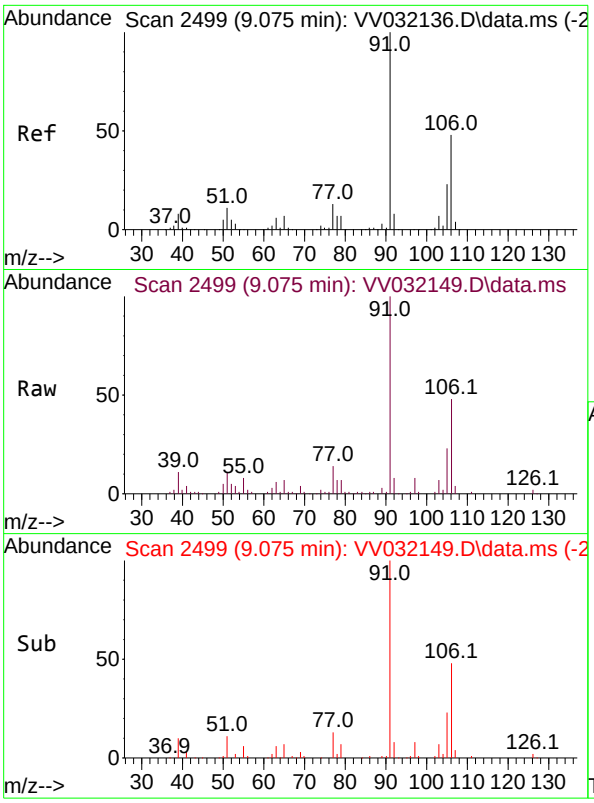


#52
Ethylbenzene
Concen: 3.611 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.010 min
Lab File: VV032149.D
Acq: 20 Sep 2023 15:56

Tgt Ion: 91 Resp: 34113

Ion	Ratio	Lower	Upper
91	100		
106	30.2	21.5	39.9



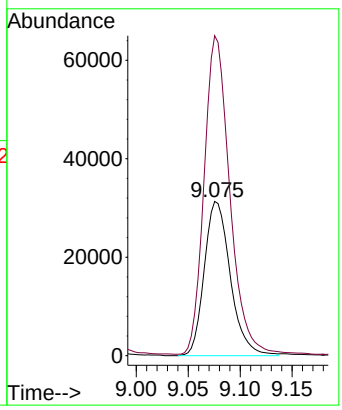


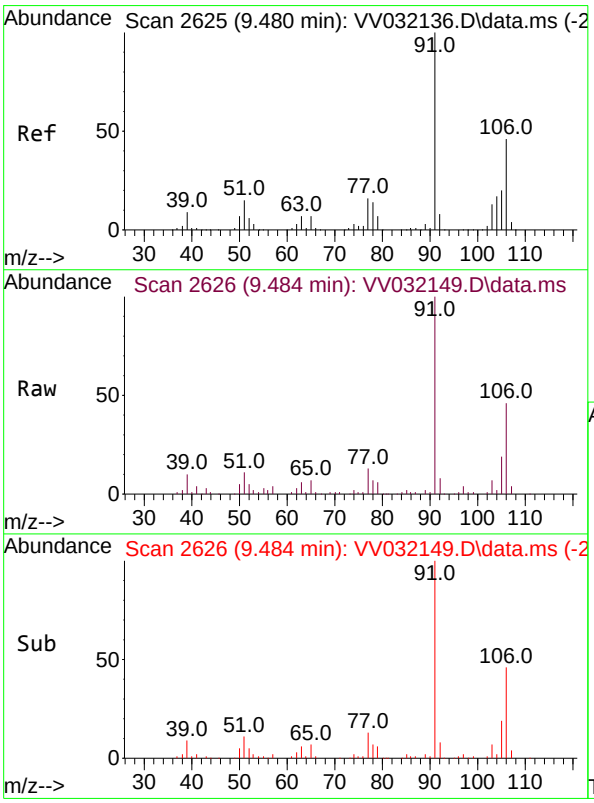
#53
m,p-Xylene
Concen: 15.598 ug/L
RT: 9.075 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV032149.D
Acq: 20 Sep 2023 15:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 54720

Ion	Ratio	Lower	Upper
106	100		
91	207.5	147.0	273.0

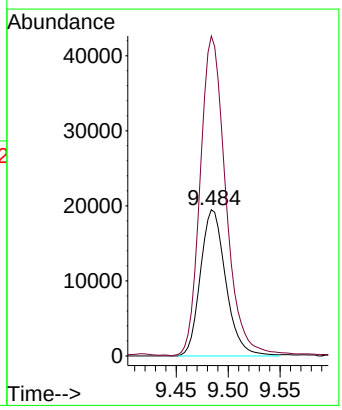


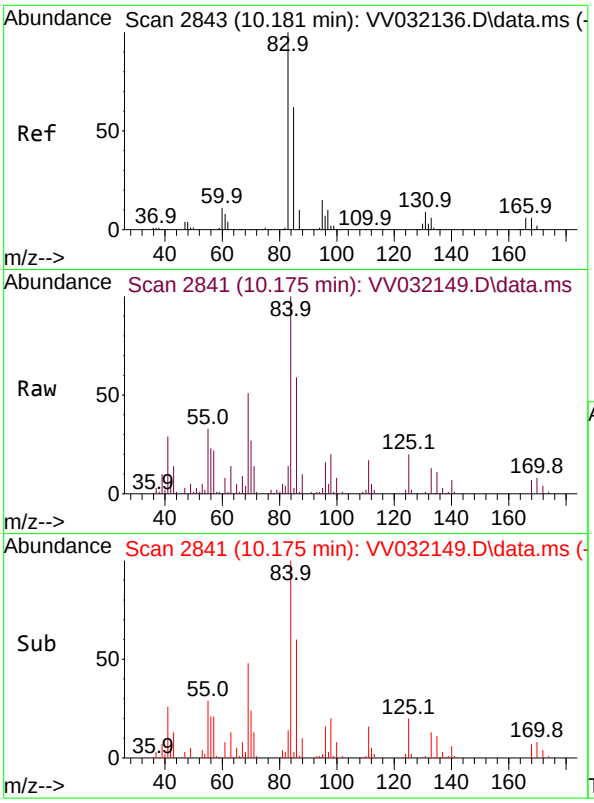


#54
o-Xylene
Concen: 9.466 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VV032149.D
Acq: 20 Sep 2023 15:56

Tgt Ion:106 Resp: 33029

Ion	Ratio	Lower	Upper
106	100		
91	218.8	154.3	286.5



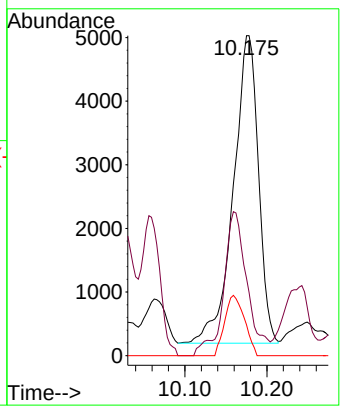


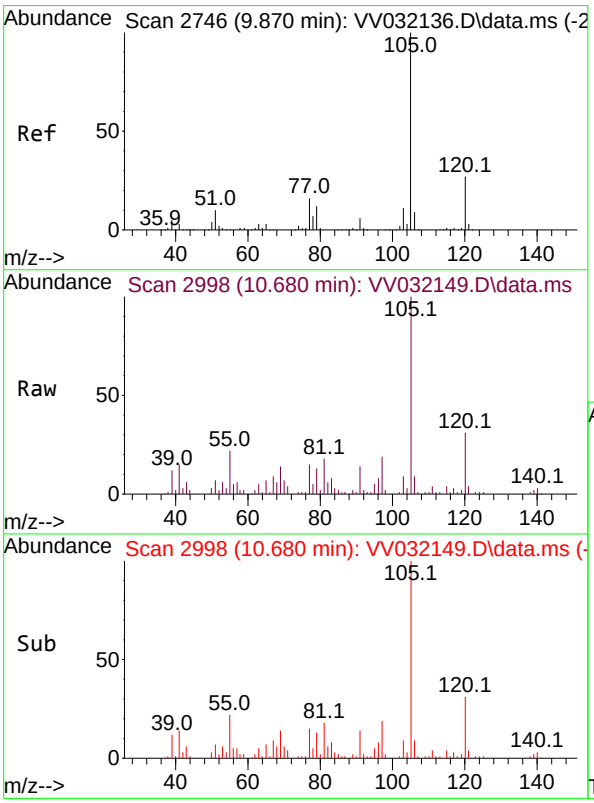
#57
1,1,2,2-Tetrachloroethane
Concen: 3.492 ug/L
RT: 10.175 min Scan# 2
Delta R.T. -0.006 min
Lab File: VV032149.D
Acq: 20 Sep 2023 15:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 10265

Ion	Ratio	Lower	Upper
83	100		
85	24.2	45.1	83.9#
131	9.6	7.4	11.2

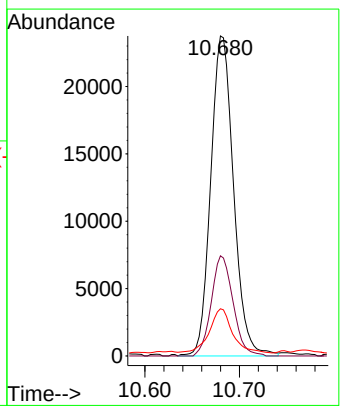


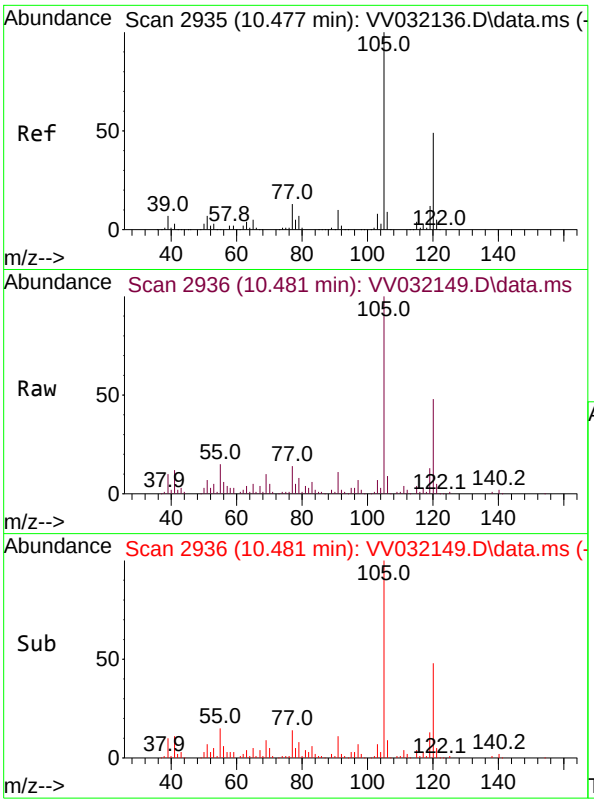


#60
Isopropylbenzene
Concen: 3.919 ug/L
RT: 10.680 min Scan# 2998
Delta R.T. 0.810 min
Lab File: VV032149.D
Acq: 20 Sep 2023 15:56

Tgt Ion:105 Resp: 39910

Ion	Ratio	Lower	Upper
105	100		
120	29.7	20.6	31.0
77	13.7	12.8	19.2



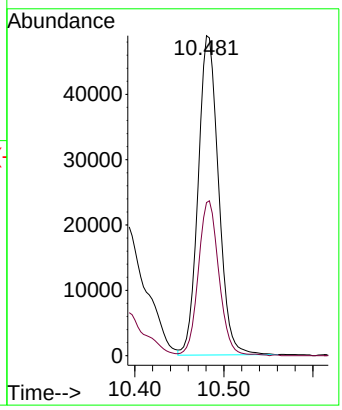


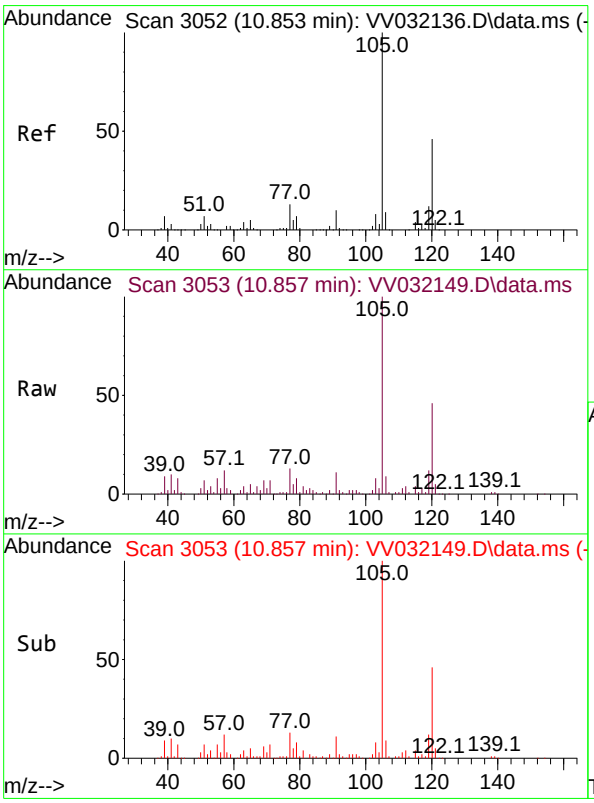
#62
1,3,5-Trimethylbenzene
Concen: 9.068 ug/L
RT: 10.481 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV032149.D
Acq: 20 Sep 2023 15:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 77696

Ion	Ratio	Lower	Upper
105	100		
120	47.8	38.2	57.4

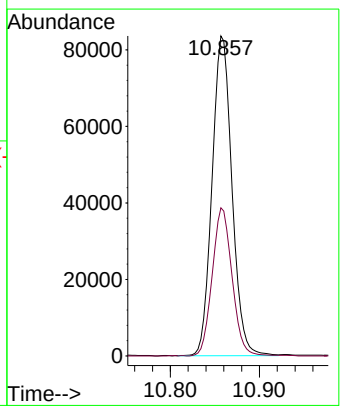


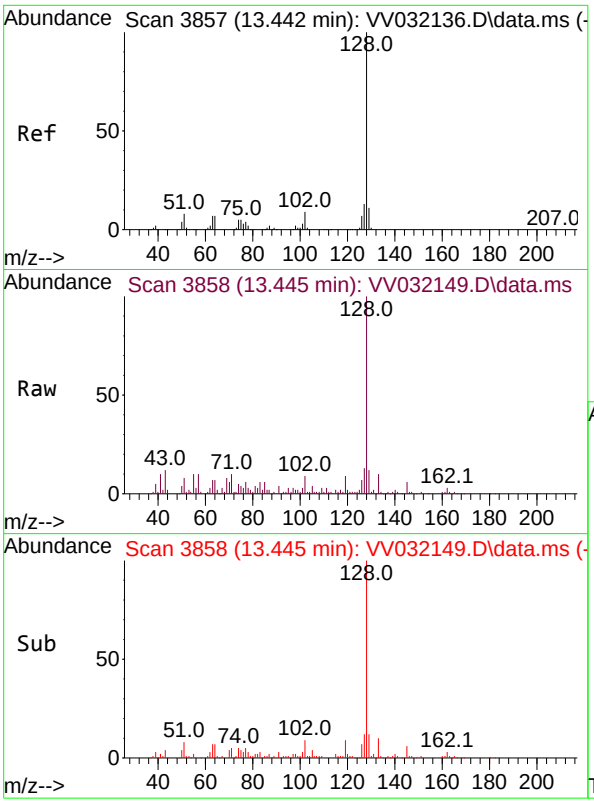


#63
1,2,4-Trimethylbenzene
Concen: 15.044 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV032149.D
Acq: 20 Sep 2023 15:56

Tgt Ion:105 Resp: 129672

Ion	Ratio	Lower	Upper
105	100		
120	46.2	35.9	53.9





#71
Naphthalene
Concen: 6.691 ug/L
RT: 13.445 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV032149.D
Acq: 20 Sep 2023 15:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 68281

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.4	15.6
129	13.4	8.7	13.1#