Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
Data File : VV032260.D
Acq On : 05 Oct 2023 16:58
Operator : SY/MD
Sample : 04748-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 06 01:30:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 01:20:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	86865	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	86834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	41345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	28149	3.985	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.600%			
7) Chloroethane-d5	1.532	69	25963	4.527	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.600%			
11) 1,1-Dichloroethene-d2	2.060	65	11812	3.965	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.200%			
20) 2-Butanone-d5	3.799	46	95076	53.201	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.400%			
24) Chloroform-d	4.256	84	56755	4.554	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
26) 1,2-Dichloroethane-d4	4.947	65	29634	5.020	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.400%			
32) Benzene-d6	4.966	84	109368	4.280	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.600%			
36) 1,2-Dichloropropane-d6	5.995	67	38833	4.587	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.800%			
41) Toluene-d8	7.249	98	92783	3.971	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.400%			
43) trans-1,3-Dichloroprop...	7.561	79	12554	4.185	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.600%			
46) 2-Hexanone-d5	8.030	63	71475	50.640	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.280%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29950	5.058	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.200%			
66) 1,2-Dichlorobenzene-d4	11.564	152	34769	4.532	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.600%			
Target Compounds						Qvalue
15) Methyl Acetate	2.474	43	9685	3.123	ug/L #	53
18) trans-1,2-Dichloroethene	2.699	96	35005	4.797	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	253726	32.293	ug/L	97
25) Chloroform	4.285	83	25860	1.920	ug/L	97
30) Cyclohexane	4.587	56	3156	0.243	ug/L	97
31) Carbon tetrachloride	4.741	117	16856	1.687	ug/L	98
33) Benzene	5.024	78	4809	0.157	ug/L	100
34) Trichloroethene	5.838	95	3996086	478.810	ug/L	97
35) Methylcyclohexane	6.056	83	5388	0.417	ug/L #	72
37) 1,2-Dichloropropane	5.992	63	3973	0.486	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	864	0.074	ug/L #	36
42) Toluene	7.326	91	14852	0.456	ug/L	100
47) Tetrachloroethene	7.911	164	1237	0.195	ug/L	93
49) Dibromochloromethane	7.911	129	1157	0.193	ug/L #	8
52) Ethylbenzene	8.953	91	5267	0.145	ug/L	97
53) m,p-Xylene	9.082	106	3447	0.256	ug/L	98
54) o-Xylene	9.484	106	1370	0.106	ug/L	92
60) Isopropylbenzene	10.390	105	2351	0.073	ug/L	98
61) 1,2,3-Trichloropropane	11.188	75	5141	1.168	ug/L #	65

Quantitation Report (Not Reviewed)

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Sample : 04748-05
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Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 06 01:30:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 01:20:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	10.860	105	4104	0.157	ug/L	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
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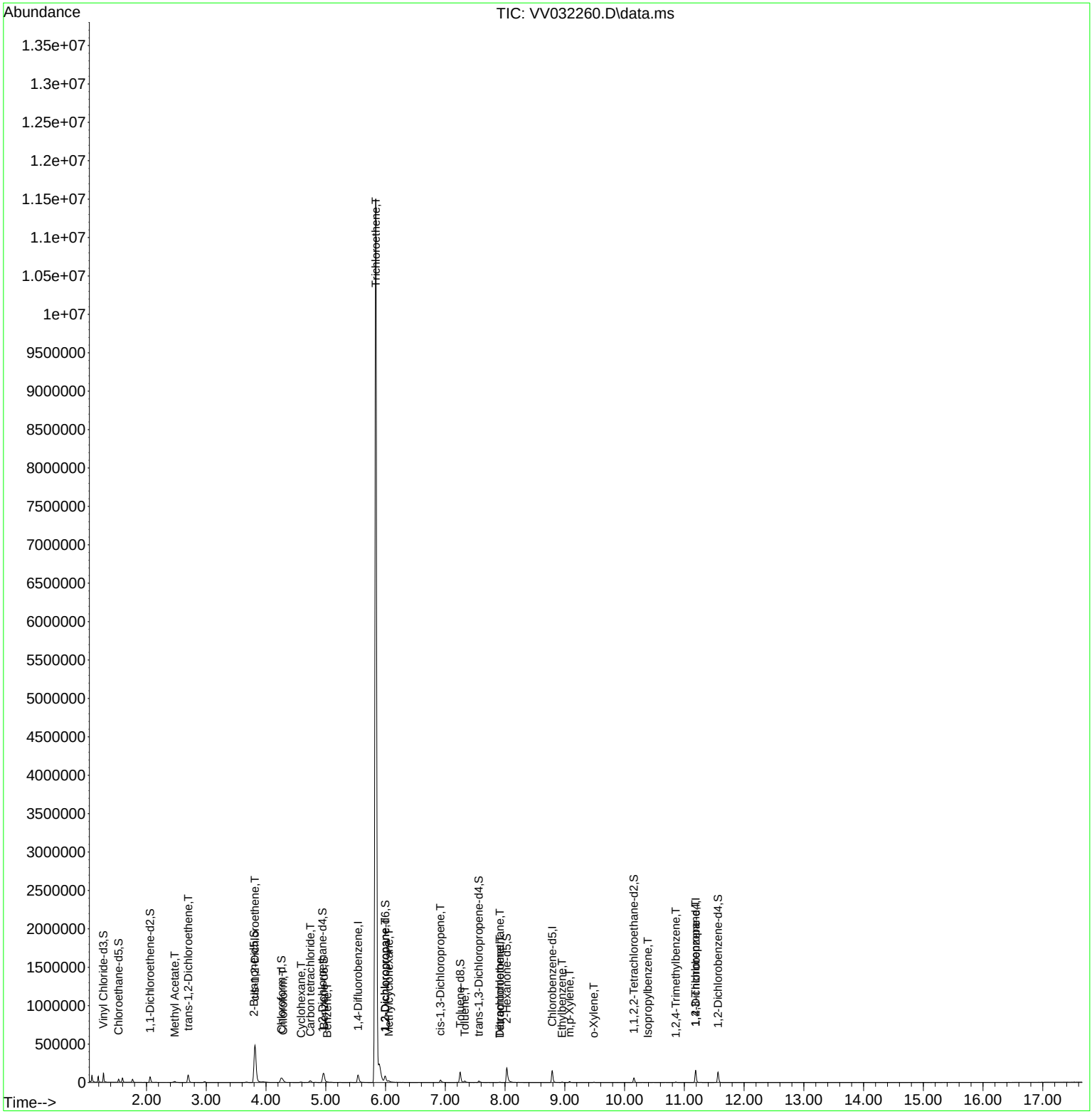
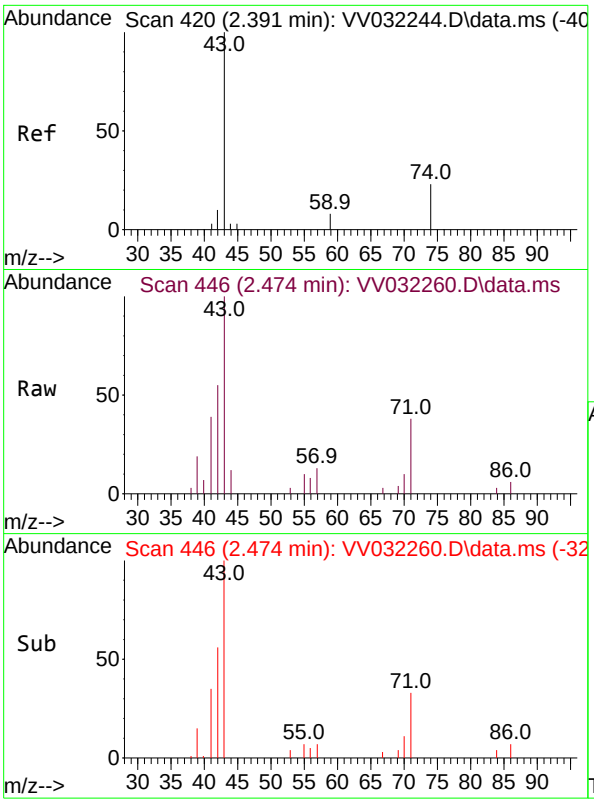
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 01:20:04 2023
Response via : Initial Calibration



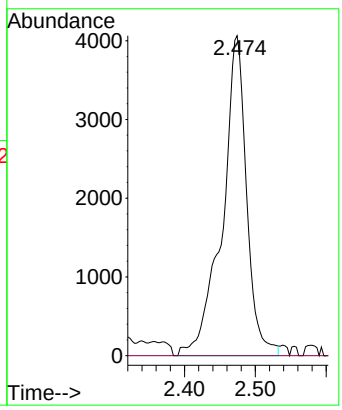


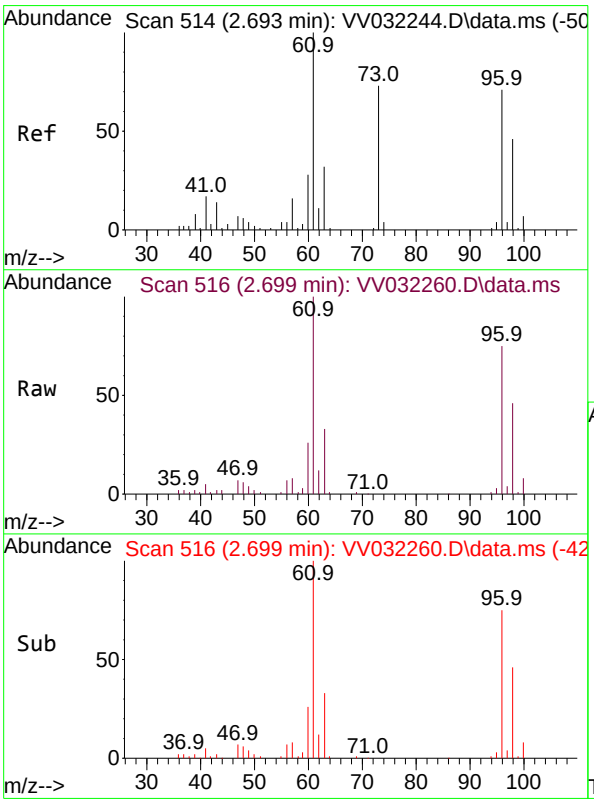
#15
Methyl Acetate
Concen: 3.123 ug/L
RT: 2.474 min Scan# 44
Delta R.T. 0.084 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 9685

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#

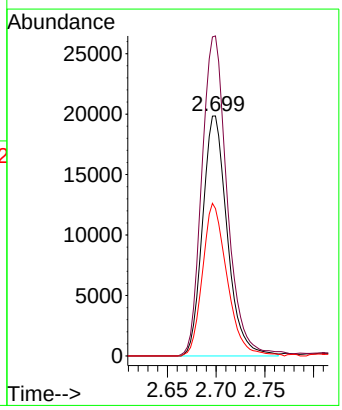


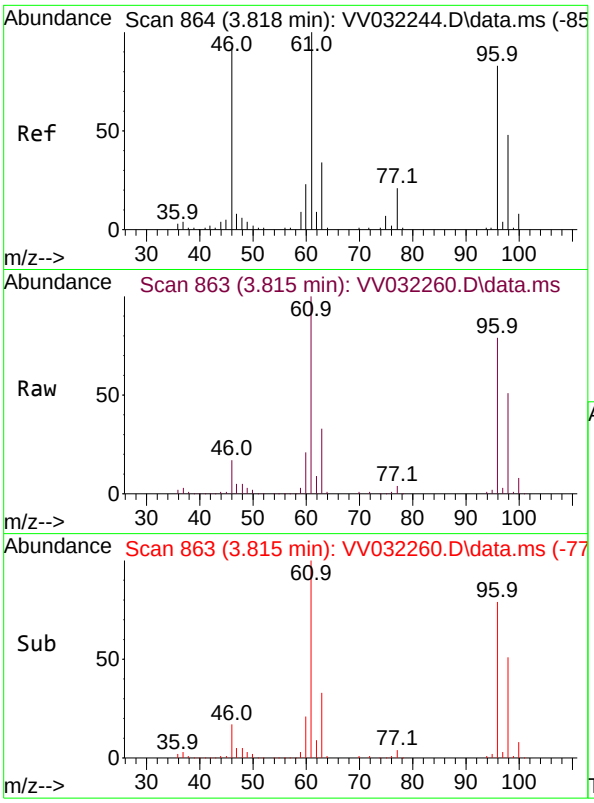


#18
trans-1,2-Dichloroethene
Concen: 4.797 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Tgt Ion: 96 Resp: 35005

Ion	Ratio	Lower	Upper
96	100		
61	133.3	96.9	180.1
98	61.4	45.3	84.1



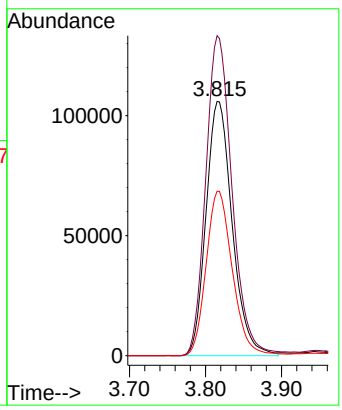


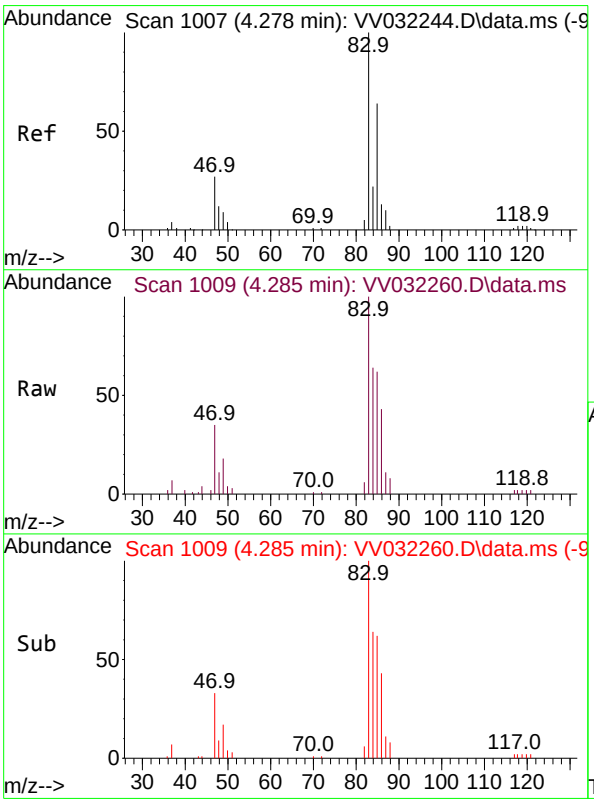
#22
cis-1,2-Dichloroethene
Concen: 32.293 ug/L
RT: 3.815 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 253726

Ion	Ratio	Lower	Upper
96	100		
61	125.9	85.8	159.4
98	64.7	44.0	81.6

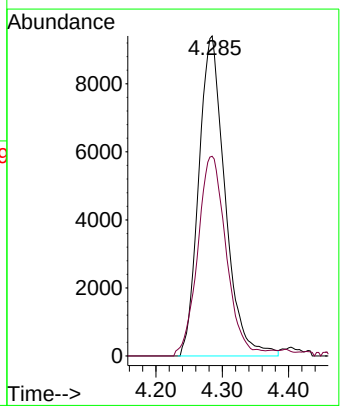


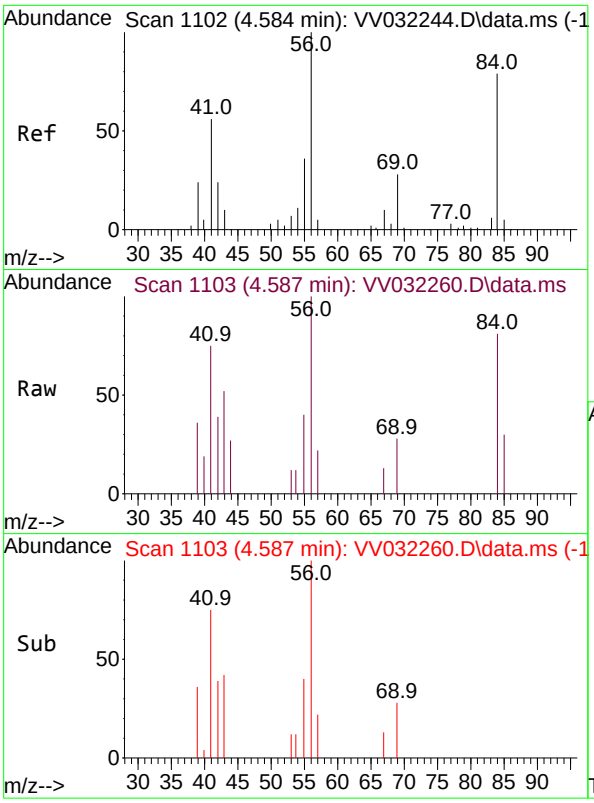


#25
Chloroform
Concen: 1.920 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.006 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Tgt Ion: 83 Resp: 25860

Ion	Ratio	Lower	Upper
83	100		
85	62.4	45.4	84.4



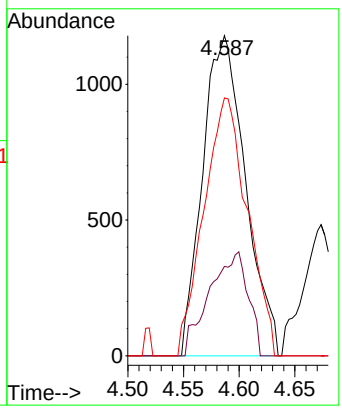


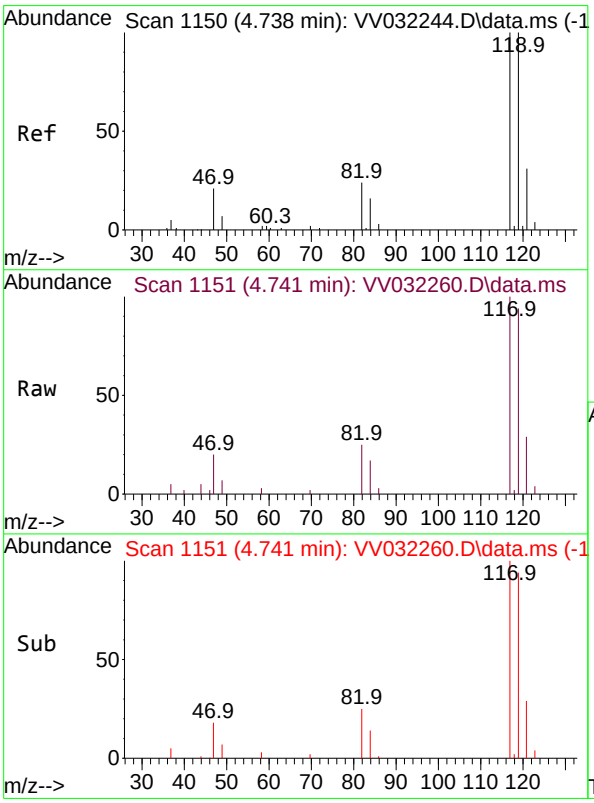
#30
Cyclohexane
Concen: 0.243 ug/L
RT: 4.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 3156

Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.2	36.2
84	81.7	68.1	102.1

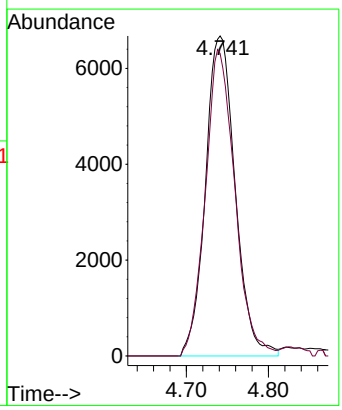


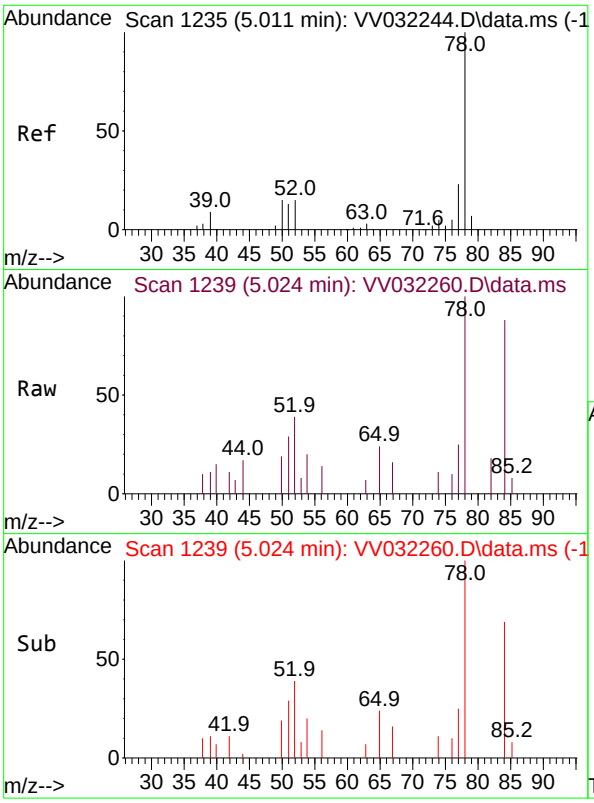


#31
Carbon tetrachloride
Concen: 1.687 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.003 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Tgt Ion:117 Resp: 16856

Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.6	116.4

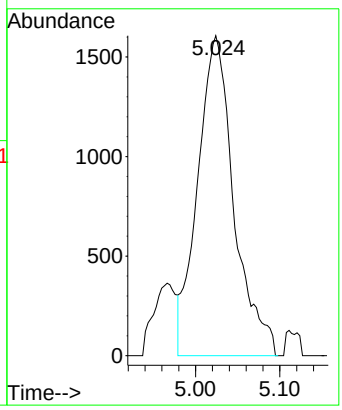


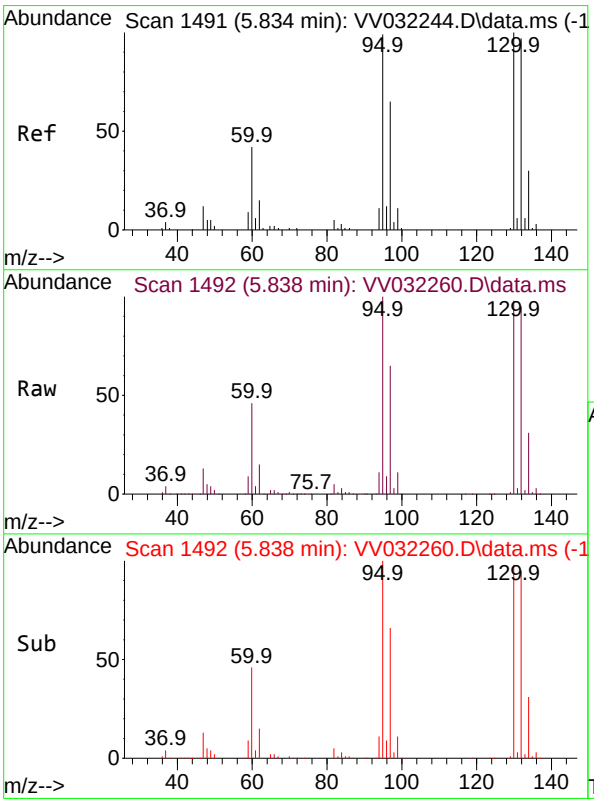


#33
Benzene
Concen: 0.157 ug/L
RT: 5.024 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 4809

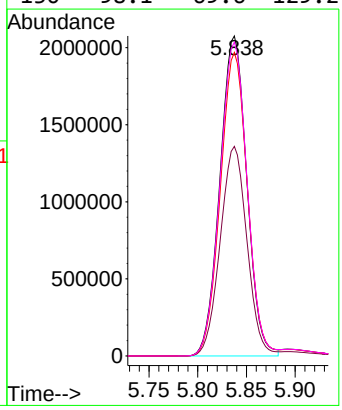


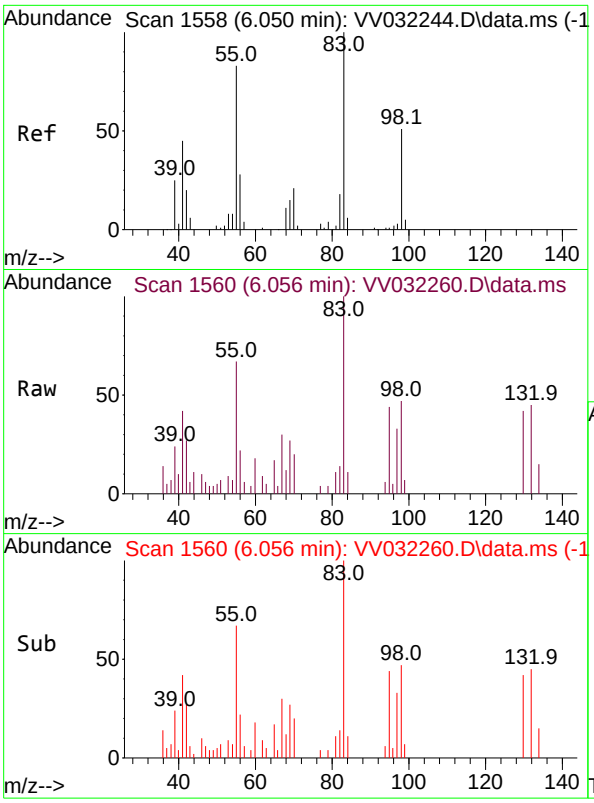


#34
Trichloroethene
Concen: 478.810 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Tgt Ion: 95 Resp: 3996086

Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.7	84.9
132	94.9	70.3	130.5
130	98.1	69.6	129.2



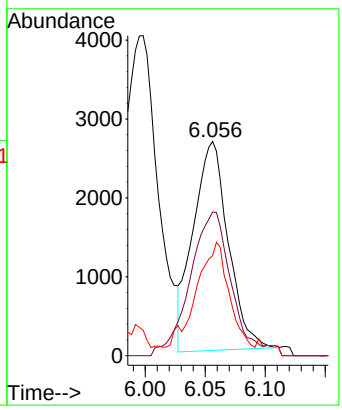


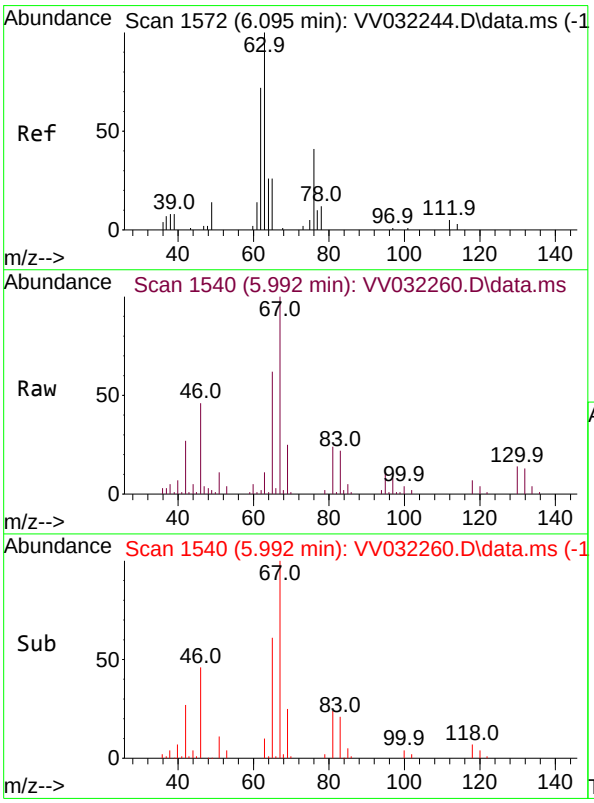
#35
Methylcyclohexane
Concen: 0.417 ug/L
RT: 6.056 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 5388

Ion	Ratio	Lower	Upper
83	100		
55	79.2	64.2	96.2
98	0.0	39.6	59.4#

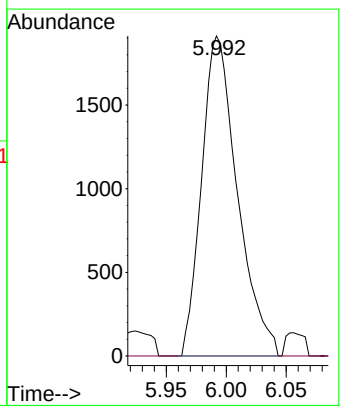


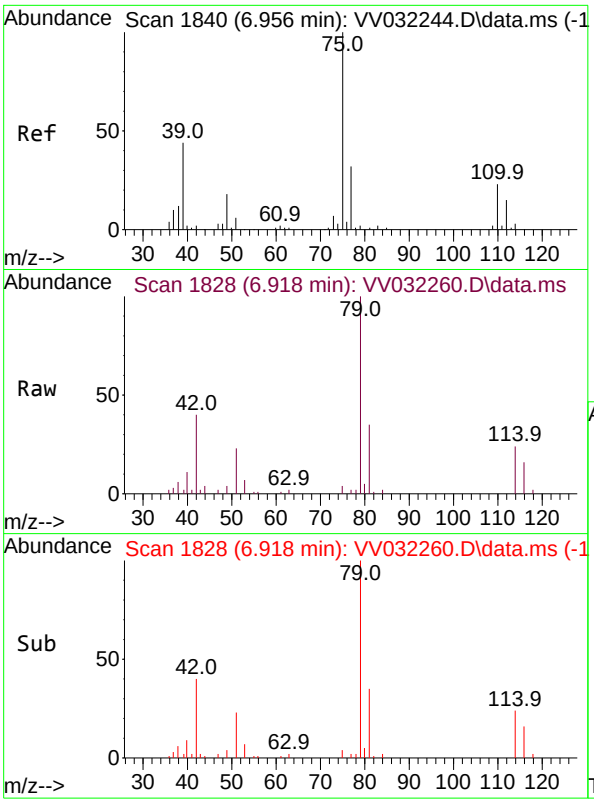


#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.103 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Tgt Ion: 63 Resp: 3973

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



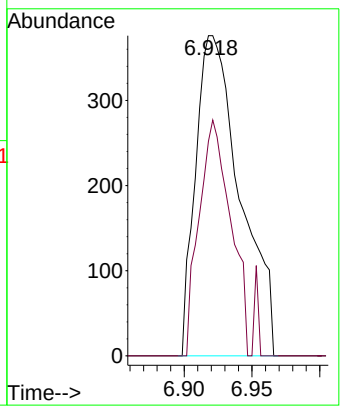


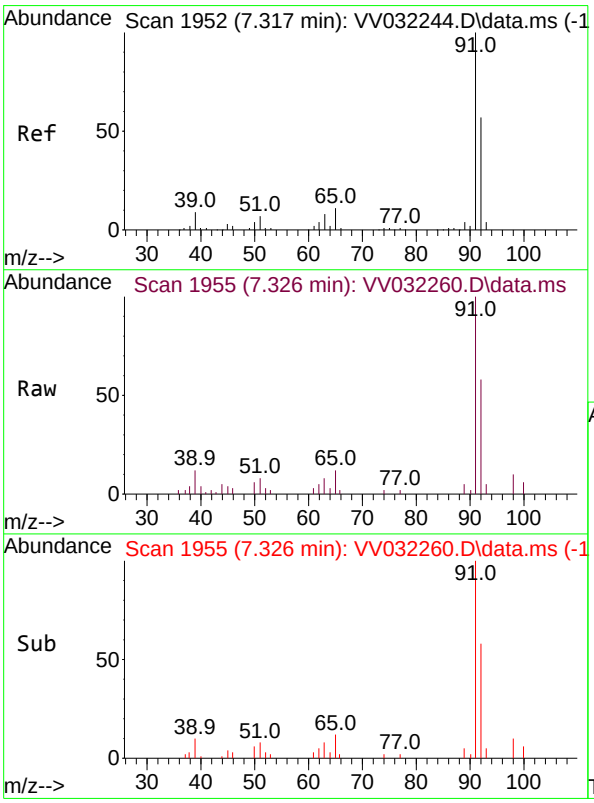
#39
cis-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 6.918 min Scan# 1
Delta R.T. -0.039 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 864

Ion	Ratio	Lower	Upper
75	100		
77	67.0	22.2	41.2#

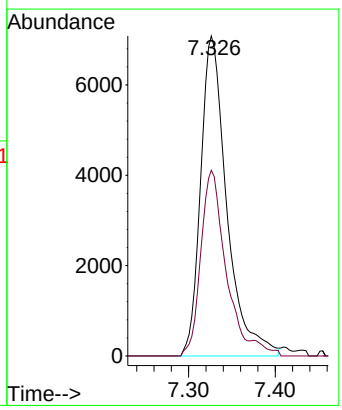


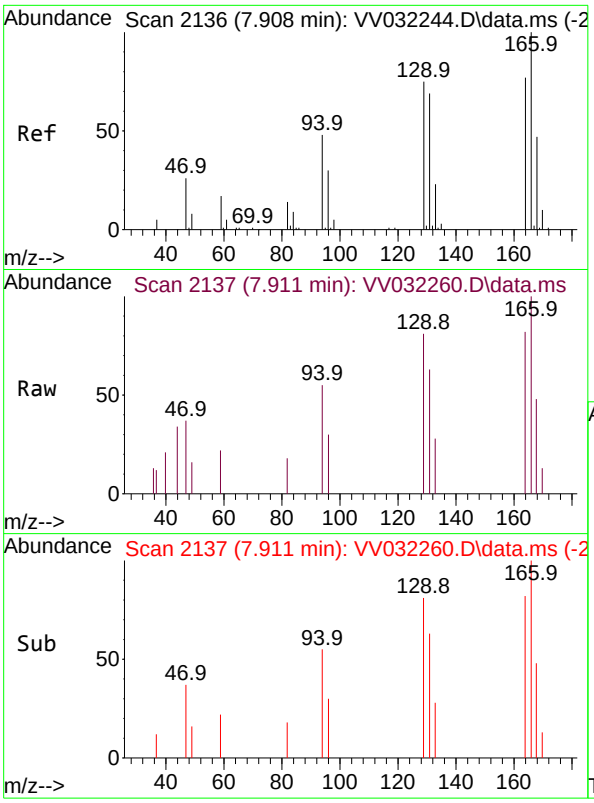


#42
Toluene
Concen: 0.456 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.010 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Tgt Ion: 91 Resp: 14852

Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.8	75.8



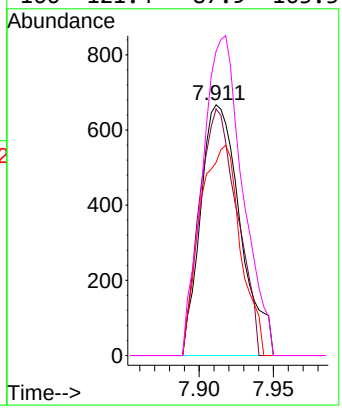


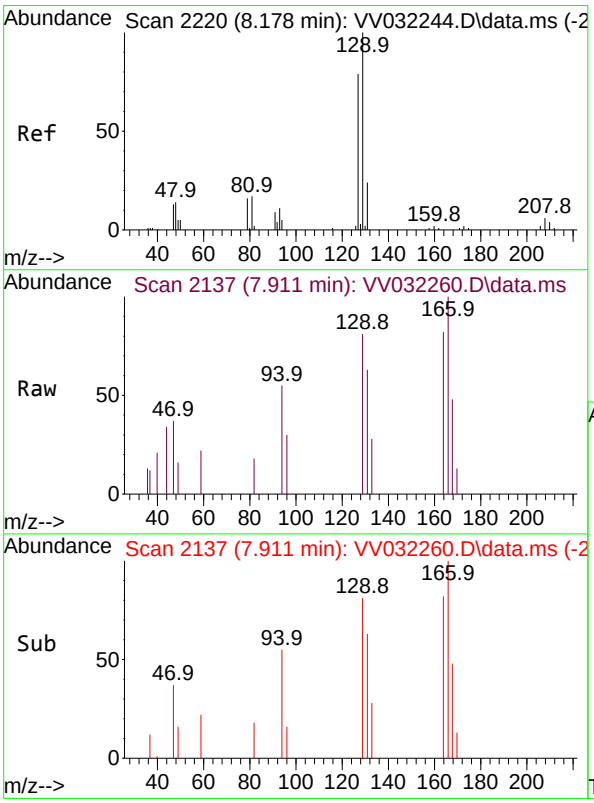
#47
Tetrachloroethene
Concen: 0.195 ug/L
RT: 7.911 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 1237

Ion	Ratio	Lower	Upper
164	100		
129	98.4	66.4	123.4
131	77.1	63.7	118.3
166	121.4	87.9	163.3

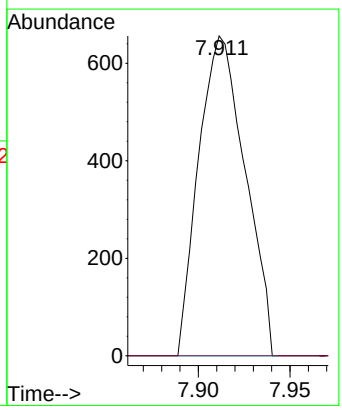


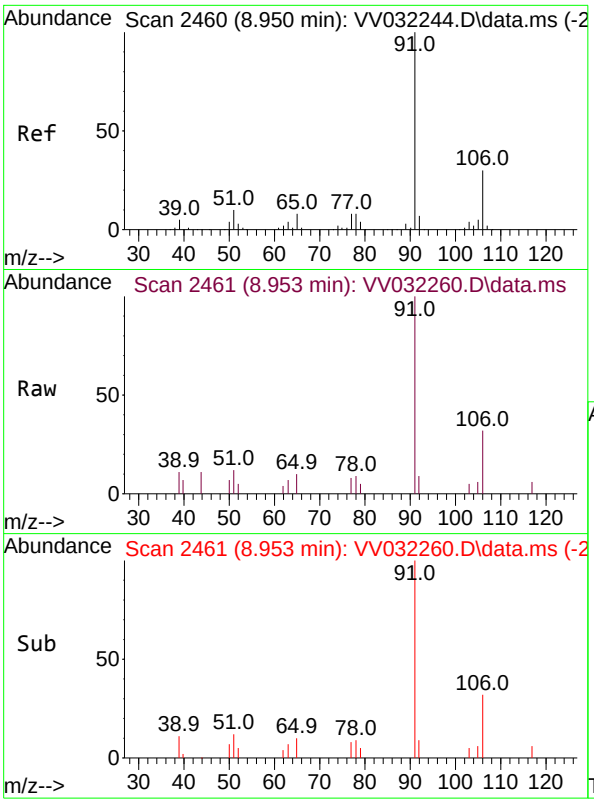


#49
Dibromochloromethane
Concen: 0.193 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.267 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Tgt Ion:129 Resp: 1157

Ion	Ratio	Lower	Upper
129	100		
127	0.0	57.2	106.2#



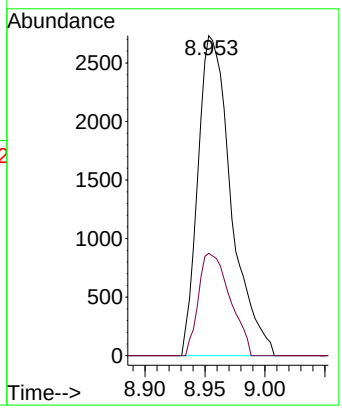


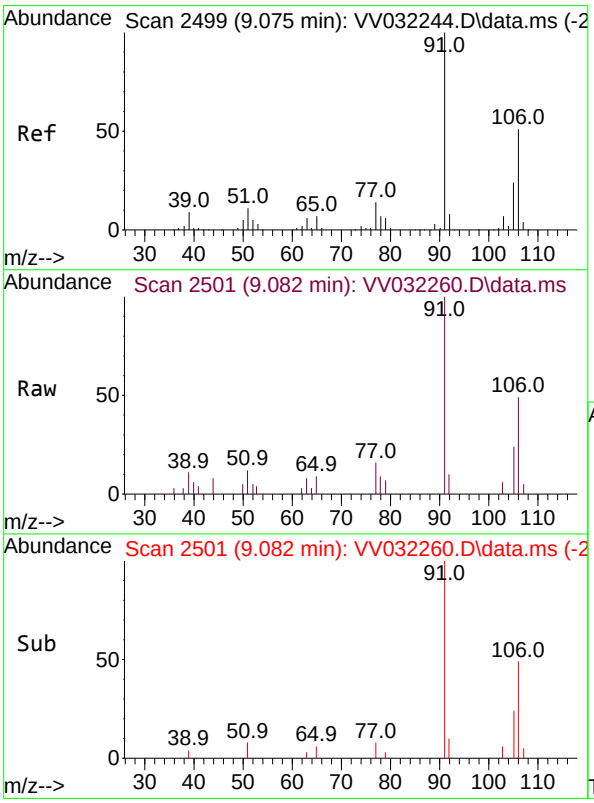
#52
Ethylbenzene
Concen: 0.145 ug/L
RT: 8.953 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 5267

Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.3	39.5

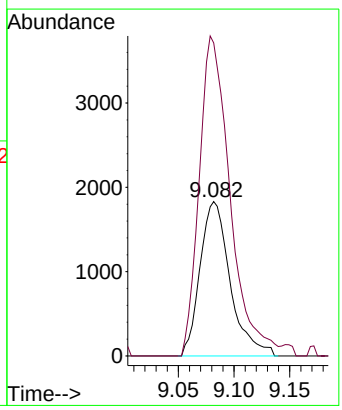


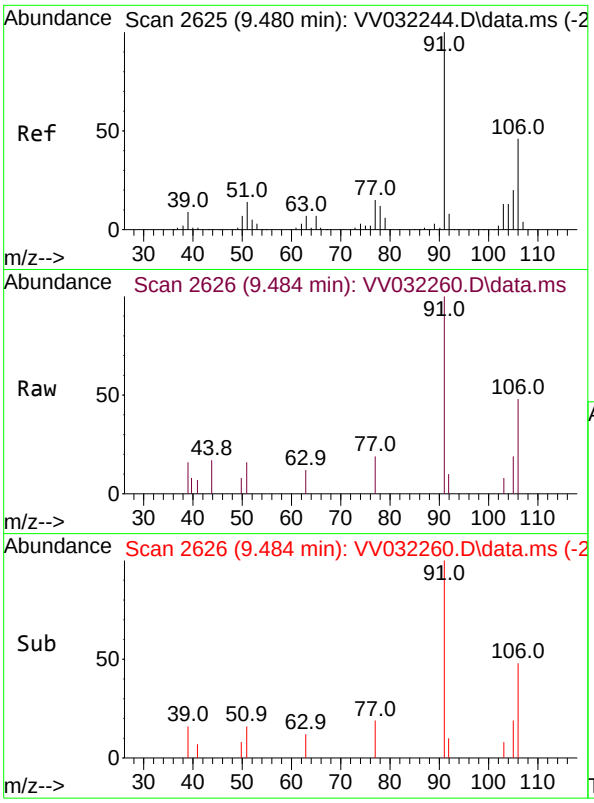


#53
m,p-Xylene
Concen: 0.256 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.006 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Tgt Ion:106 Resp: 3447

Ion	Ratio	Lower	Upper
106	100		
91	202.8	144.5	268.3



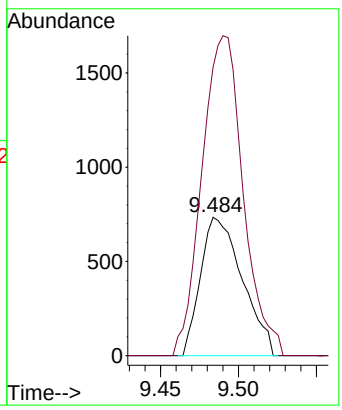


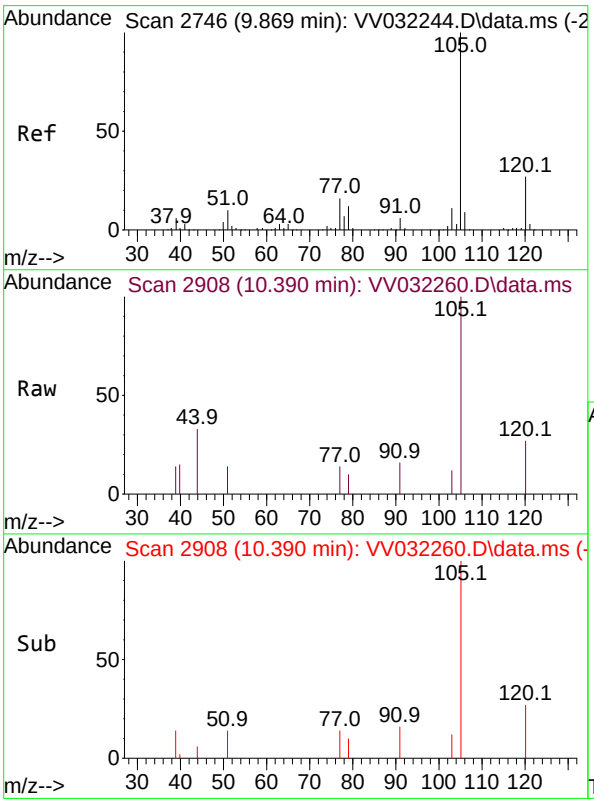
#54
o-Xylene
Concen: 0.106 ug/L
RT: 9.484 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1370

Ion	Ratio	Lower	Upper
106	100		
91	208.7	154.8	287.4

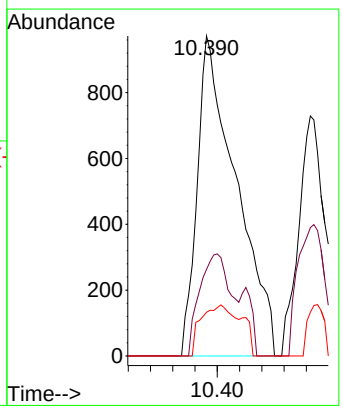


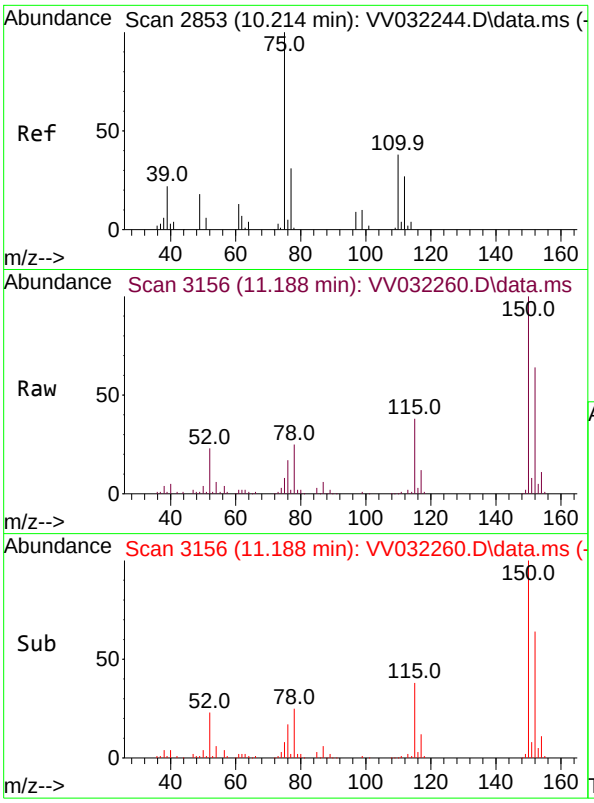


#60
Isopropylbenzene
Concen: 0.073 ug/L
RT: 10.390 min Scan# 2908
Delta R.T. 0.521 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Tgt Ion:105 Resp: 2351

Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.0	31.6
77	13.7	12.6	19.0



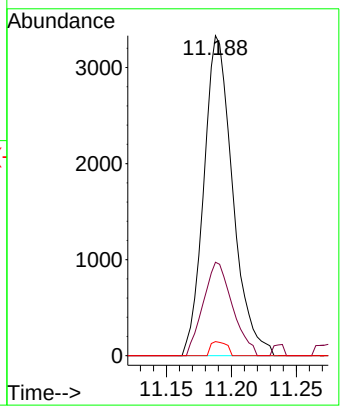


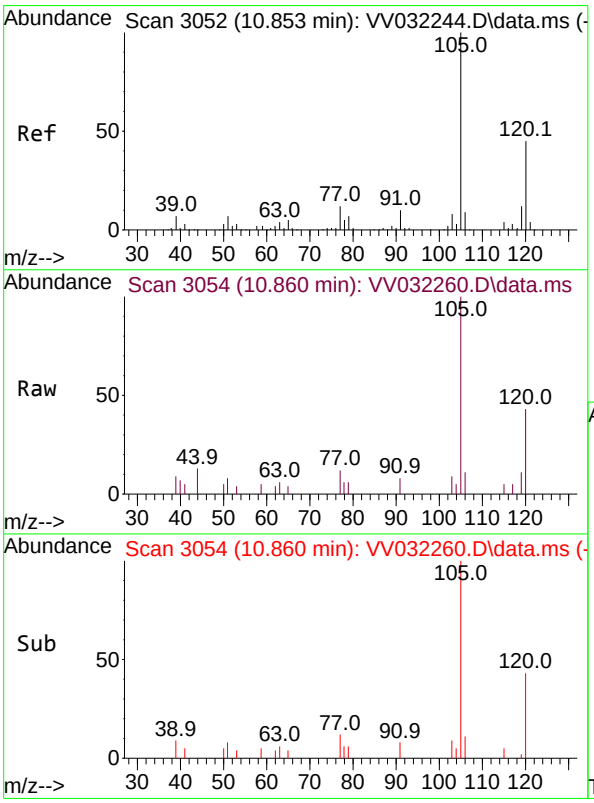
#61
1,2,3-Trichloropropane
Concen: 1.168 ug/L
RT: 11.188 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 5141

Ion	Ratio	Lower	Upper
75	100		
77	29.6	26.2	39.2
110	2.4	30.6	46.0#





#63
1,2,4-Trimethylbenzene
Concen: 0.157 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.006 min
Lab File: VV032260.D
Acq: 05 Oct 2023 16:58

Tgt Ion:105 Resp: 4104

Ion	Ratio	Lower	Upper
105	100		
120	41.4	36.2	54.4