Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032614.D
Acq On : 25 Oct 2023 01:23
Operator : SY/MD
Sample : 04995-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 25 08:36:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 08:15:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	112622	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	128534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55120	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20744	2.265	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 45.200%			
7) Chloroethane-d5	1.532	69	25378	3.413	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 68.200%			
11) 1,1-Dichloroethene-d2	2.059	65	8891	2.302	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 46.000%#			
20) 2-Butanone-d5	3.799	46	91851	39.642	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.280%			
24) Chloroform-d	4.252	84	52161	3.228	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 64.600%#			
26) 1,2-Dichloroethane-d4	4.947	65	29491	3.853	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.000%			
32) Benzene-d6	4.963	84	94059	2.487	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 49.800%#			
36) 1,2-Dichloropropane-d6	5.992	67	33401	2.665	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 53.400%#			
41) Toluene-d8	7.246	98	78203	2.261	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 45.200%#			
43) trans-1,3-Dichloroprop...	7.561	79	11188	2.520	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 50.400%#			
46) 2-Hexanone-d5	8.027	63	74968	35.883	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 71.760%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32686	3.729	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 74.600%			
66) 1,2-Dichlorobenzene-d4	11.564	152	34099	3.334	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 66.600%#			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1082	0.086	ug/L	95
42) Toluene	7.326	91	6958	0.144	ug/L	97
52) Ethylbenzene	8.960	91	2693	0.050	ug/L	97
53) m,p-Xylene	9.082	106	3056	0.153	ug/L	76
54) o-Xylene	9.487	106	1097	0.057	ug/L	92
60) Isopropylbenzene	10.397	105	3440	0.080	ug/L	94
61) 1,2,3-Trichloropropane	11.188	75	7292	1.243	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.860	105	3259	0.094	ug/L	95

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

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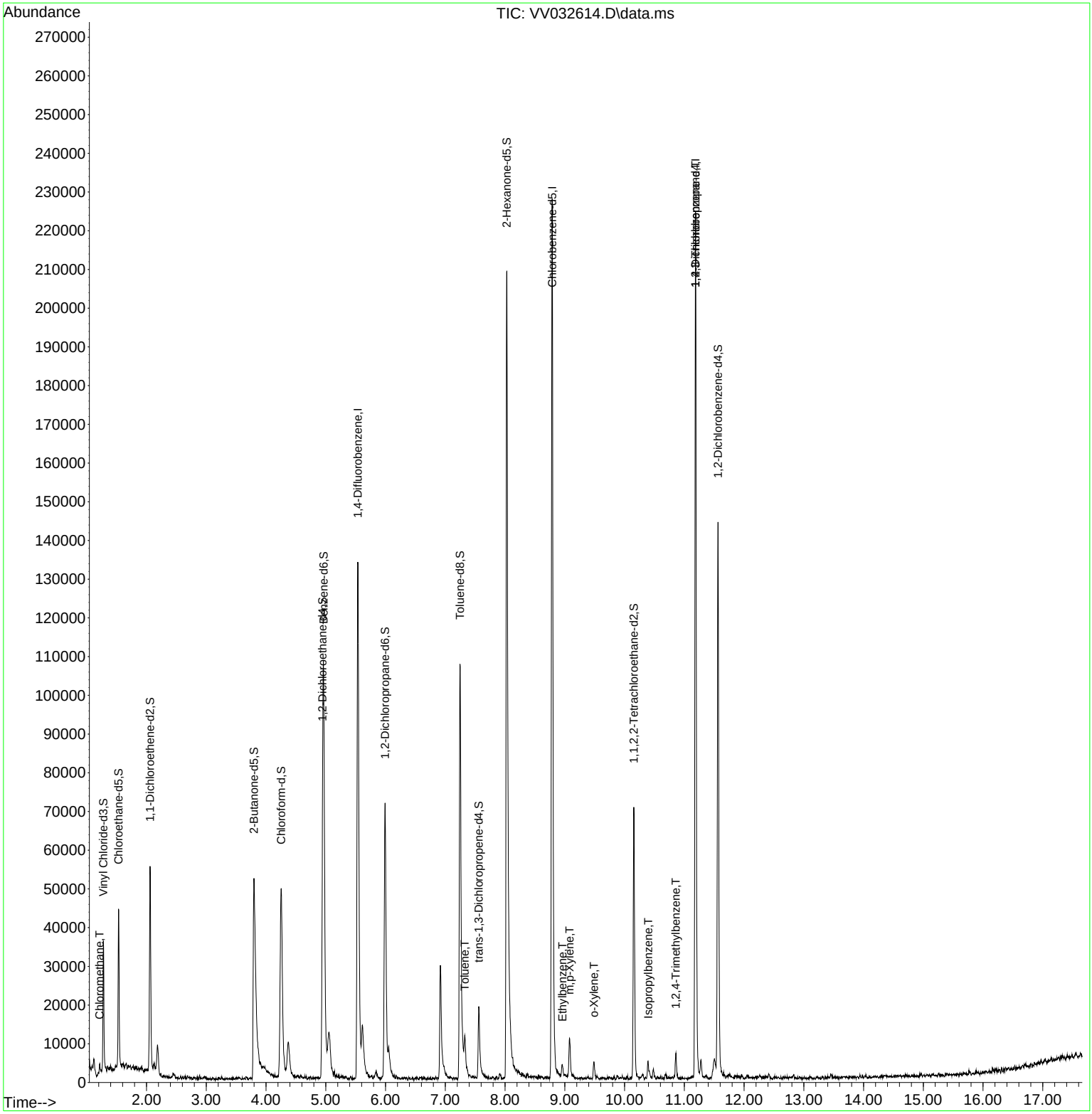
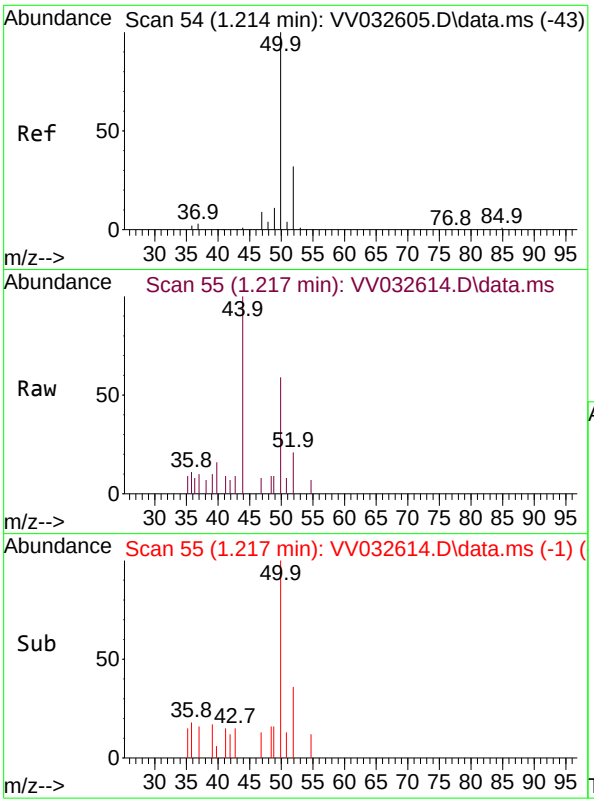
Quant Time: Oct 25 08:36:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 08:15:09 2023
Response via : Initial Calibration



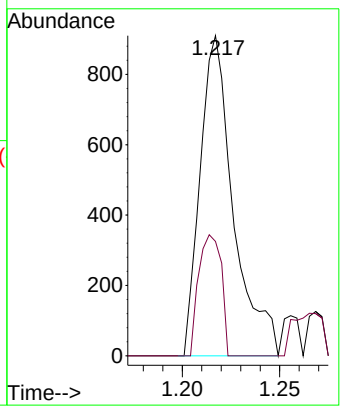


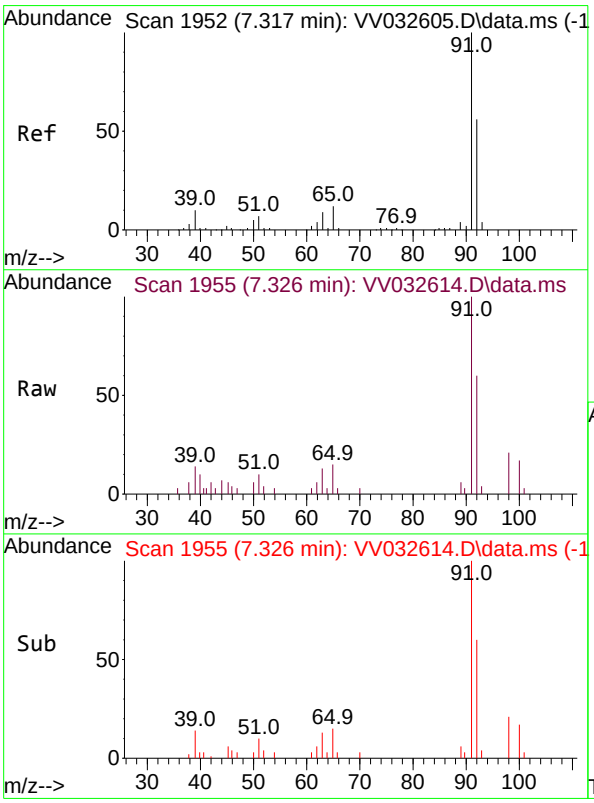
#3
Chloromethane
Concen: 0.086 ug/L
RT: 1.217 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV032614.D
Acq: 25 Oct 2023 01:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1082

Ion	Ratio	Lower	Upper
50	100		
52	35.7	23.0	42.6

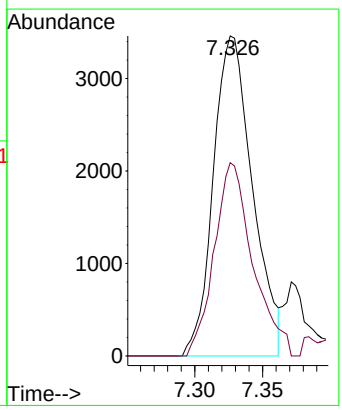


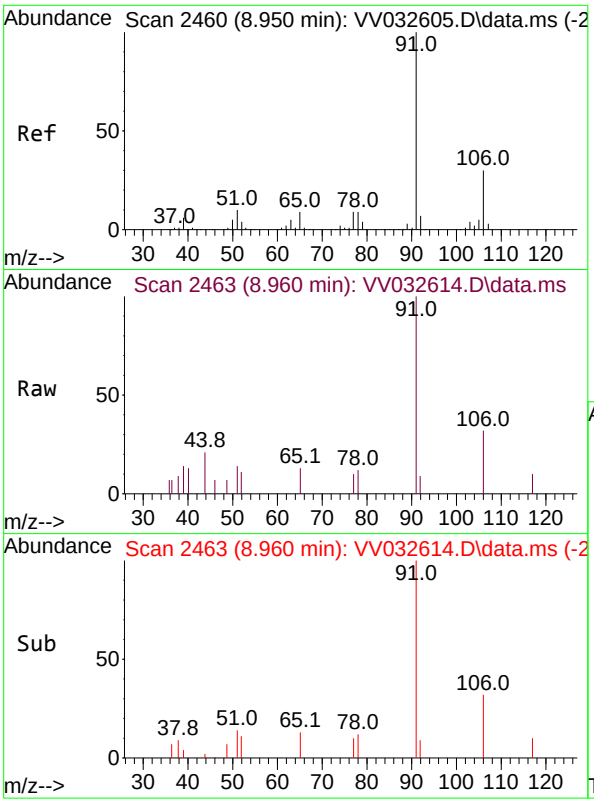


#42
Toluene
Concen: 0.144 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.009 min
Lab File: VV032614.D
Acq: 25 Oct 2023 01:23

Tgt Ion: 91 Resp: 6958

Ion	Ratio	Lower	Upper
91	100		
92	60.4	40.8	75.8



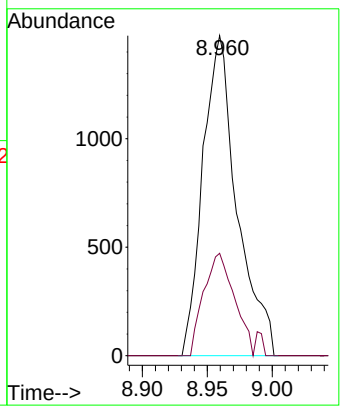


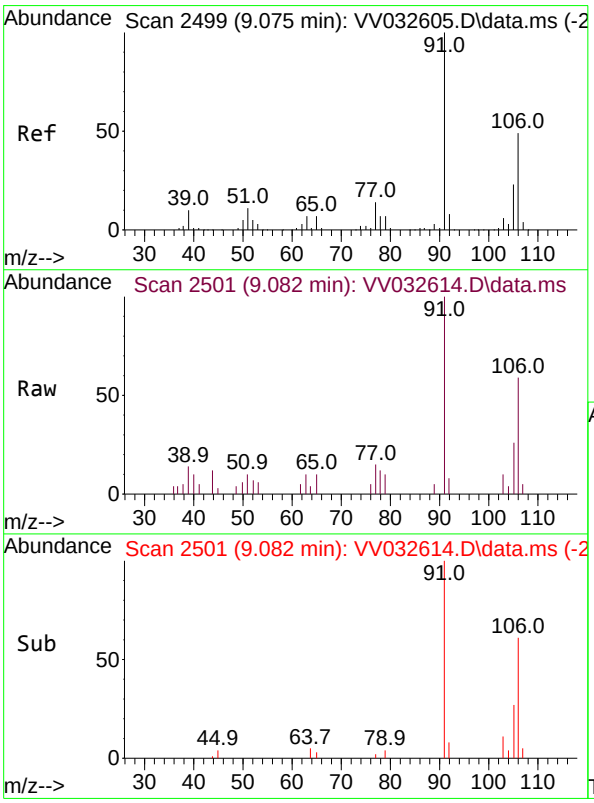
#52
Ethylbenzene
Concen: 0.050 ug/L
RT: 8.960 min Scan# 24
Delta R.T. 0.009 min
Lab File: VV032614.D
Acq: 25 Oct 2023 01:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 2693

Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.3	39.5

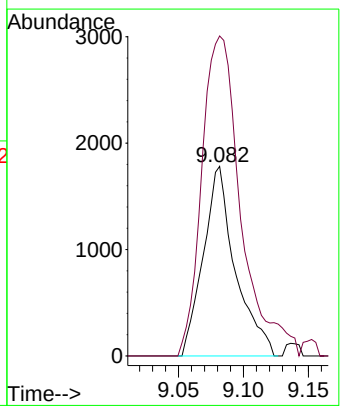


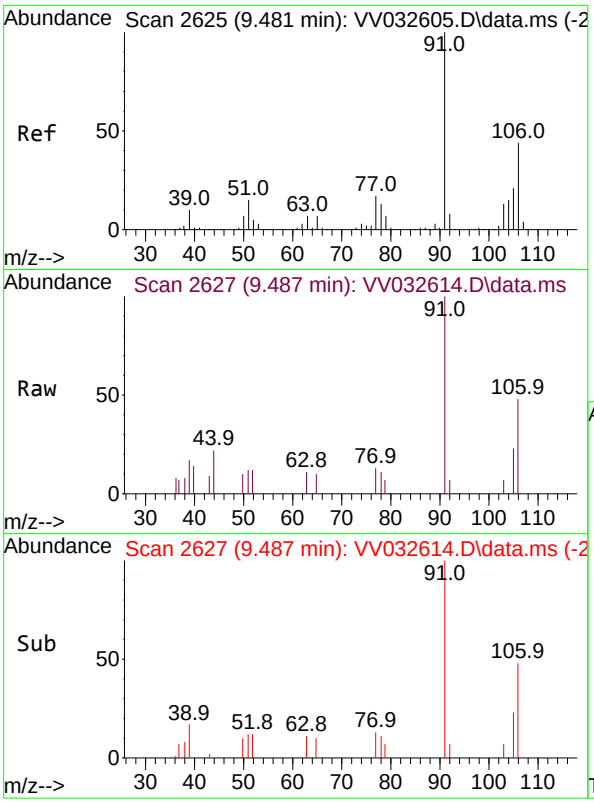


#53
m,p-Xylene
Concen: 0.153 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.006 min
Lab File: VV032614.D
Acq: 25 Oct 2023 01:23

Tgt Ion:106 Resp: 3056

Ion	Ratio	Lower	Upper
106	100		
91	168.8	144.5	268.3



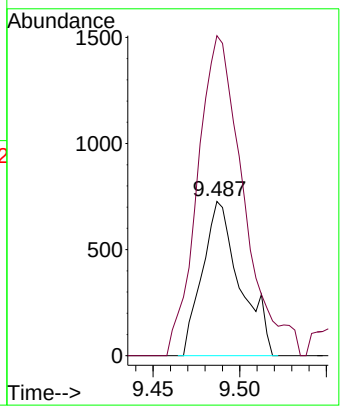


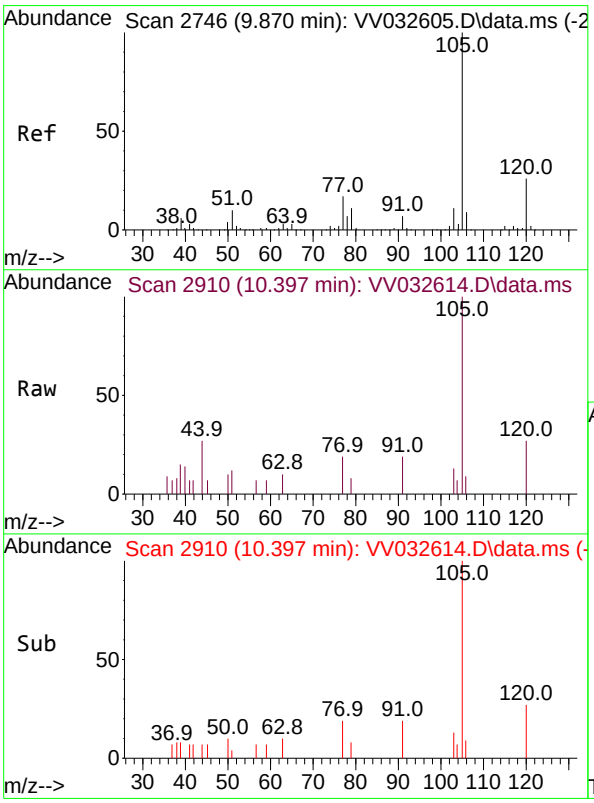
#54
o-Xylene
Concen: 0.057 ug/L
RT: 9.487 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV032614.D
Acq: 25 Oct 2023 01:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1097

Ion	Ratio	Lower	Upper
106	100		
91	207.4	154.8	287.4

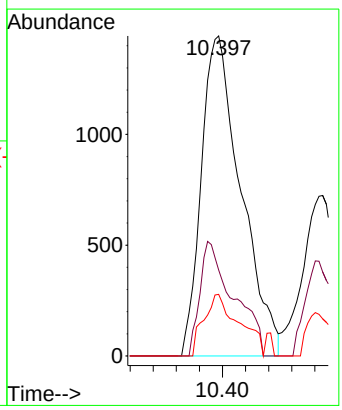


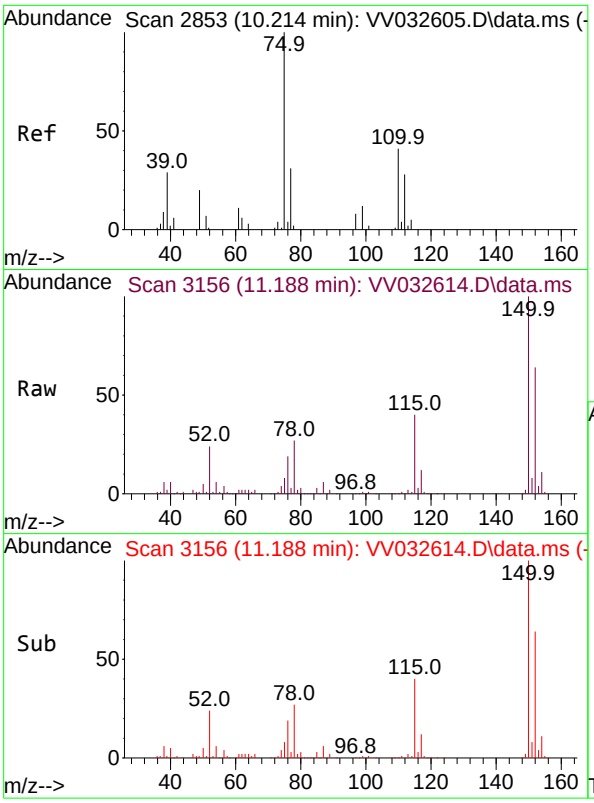


#60
Isopropylbenzene
Concen: 0.080 ug/L
RT: 10.397 min Scan# 2910
Delta R.T. 0.527 min
Lab File: VV032614.D
Acq: 25 Oct 2023 01:23

Tgt Ion:105 Resp: 3440

Ion	Ratio	Lower	Upper
105	100		
120	30.6	21.0	31.6
77	17.1	12.6	19.0



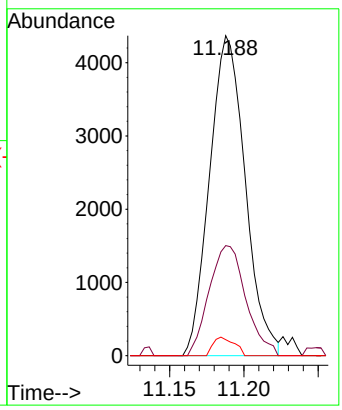


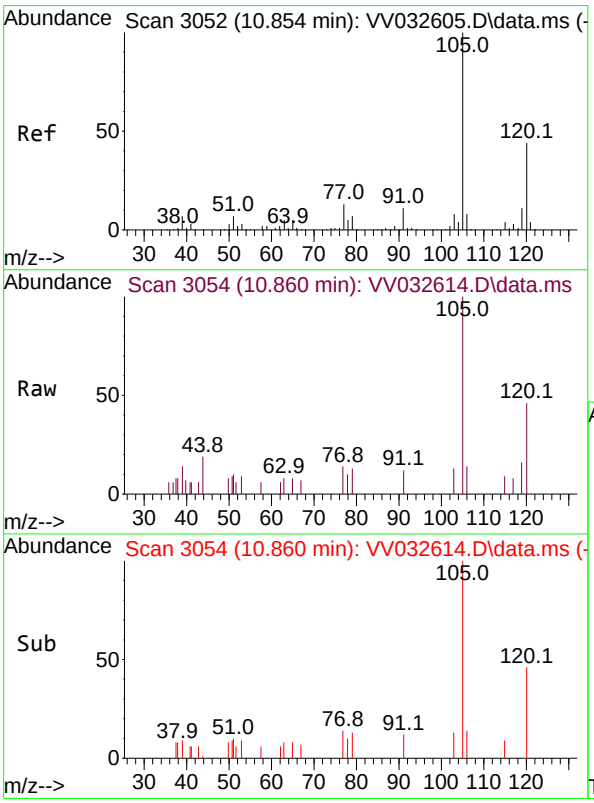
#61
1,2,3-Trichloropropane
Concen: 1.243 ug/L
RT: 11.188 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV032614.D
Acq: 25 Oct 2023 01:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 7292

Ion	Ratio	Lower	Upper
75	100		
77	35.4	26.2	39.2
110	3.4	30.6	46.0#





#63
1,2,4-Trimethylbenzene
Concen: 0.094 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.006 min
Lab File: VV032614.D
Acq: 25 Oct 2023 01:23

Tgt Ion:105 Resp: 3259

Ion	Ratio	Lower	Upper
105	100		
120	42.2	36.2	54.4