Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072924\
Data File : VX042705.D
Acq On : 29 Jul 2024 20:51
Operator : JC/MD
Sample : P3388-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E20R6

Quant Time: Jul 30 05:28:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM072624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 30 02:11:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	165628	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	145736	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	53612	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	29182	29.001	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 58.000%#			
7) Chloroethane-d5	1.648	69	15389	37.114	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 74.220%			
11) 1,1-Dichloroethene-d2	2.294	65	16452	33.184	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.360%			
21) 2-Butanone-d5	4.471	46	82148	110.149	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.150%			
24) Chloroform-d	5.062	84	90241	40.972	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.940%			
26) 1,2-Dichloroethane-d4	5.958	65	65620	46.181	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.360%			
32) Benzene-d6	5.970	84	171999	42.525	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.040%			
36) 1,2-Dichloropropane-d6	7.306	67	55388	46.270	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.540%			
41) Toluene-d8	8.647	98	140495	38.742	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.480%#			
43) trans-1,3-Dichloroprop...	8.952	79	20475	36.550	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.100%			
47) 2-Hexanone-d5	9.384	63	56654	105.855	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.850%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	87312	50.658	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.320%			
66) 1,2-Dichlorobenzene-d4	12.317	152	48170	47.542	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.080%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	10354	9.001	ug/L	86
13) Acetone	2.386	43	3947	6.771	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	25358	20.204	ug/L	95
34) Trichloroethene	7.123	95	151637	127.260	ug/L	98

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

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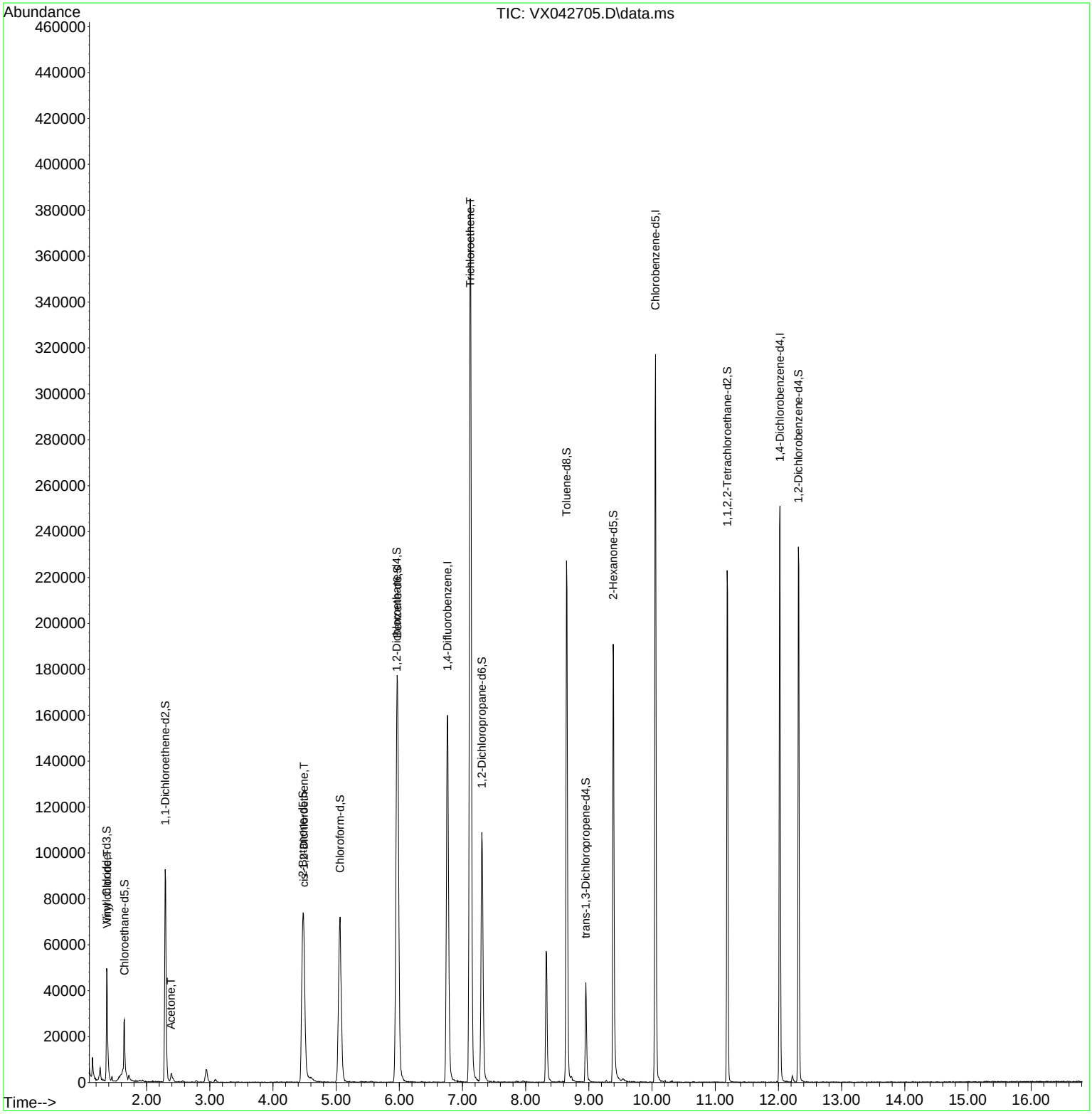
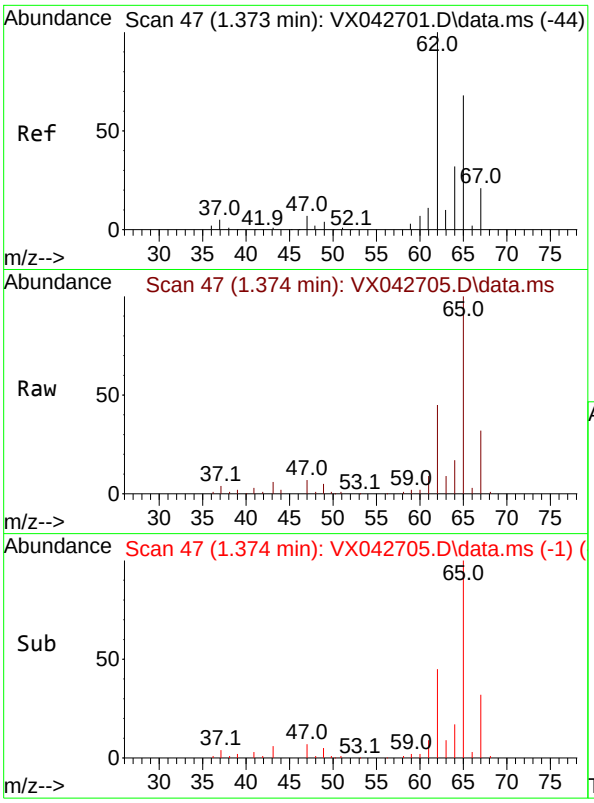


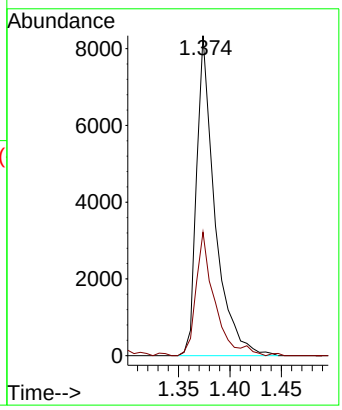


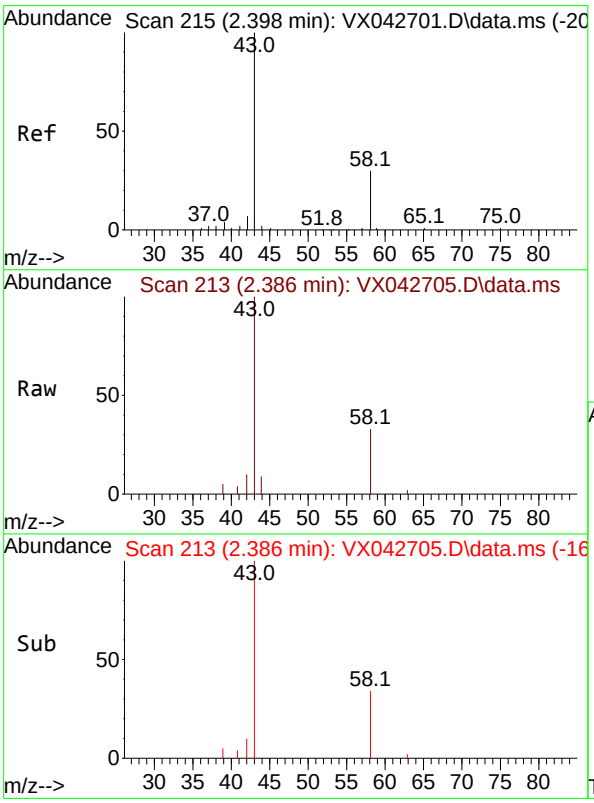
#5
Vinyl chloride
Concen: 9.001 ug/L
RT: 1.374 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX042705.D
Acq: 29 Jul 2024 20:51

Instrument :
MSVOA_X
ClientSampleId :
E20R6

Tgt Ion: 62 Resp: 10354

Ion	Ratio	Lower	Upper
62	100		
64	38.6	21.6	40.0

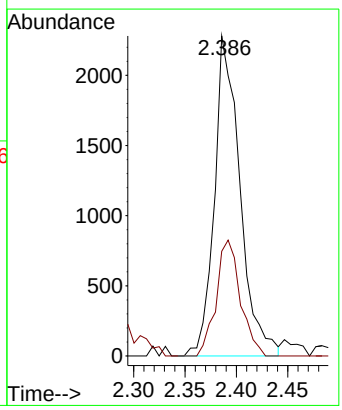


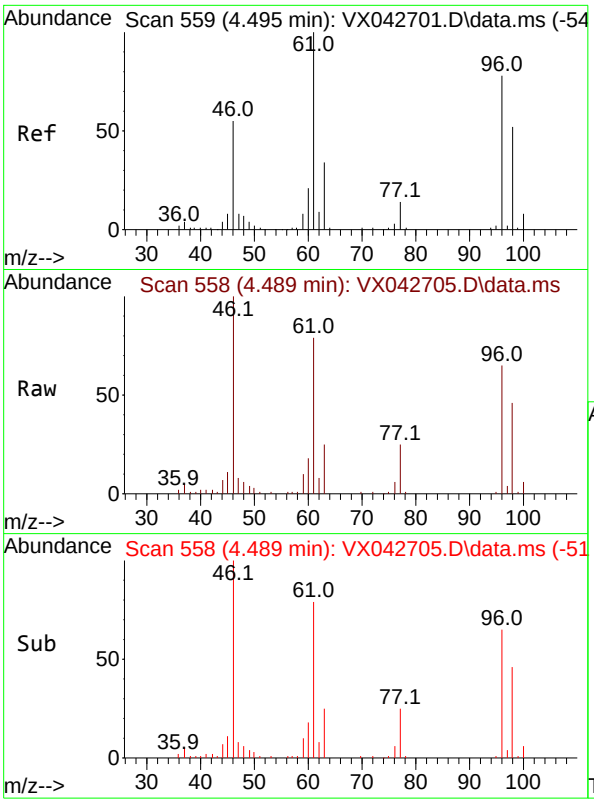


#13
Acetone
Concen: 6.771 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042705.D
Acq: 29 Jul 2024 20:51

Tgt Ion: 43 Resp: 3947

Ion	Ratio	Lower	Upper
43	100		
58	34.2	0.0	62.4



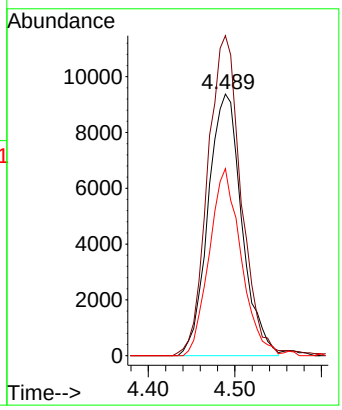


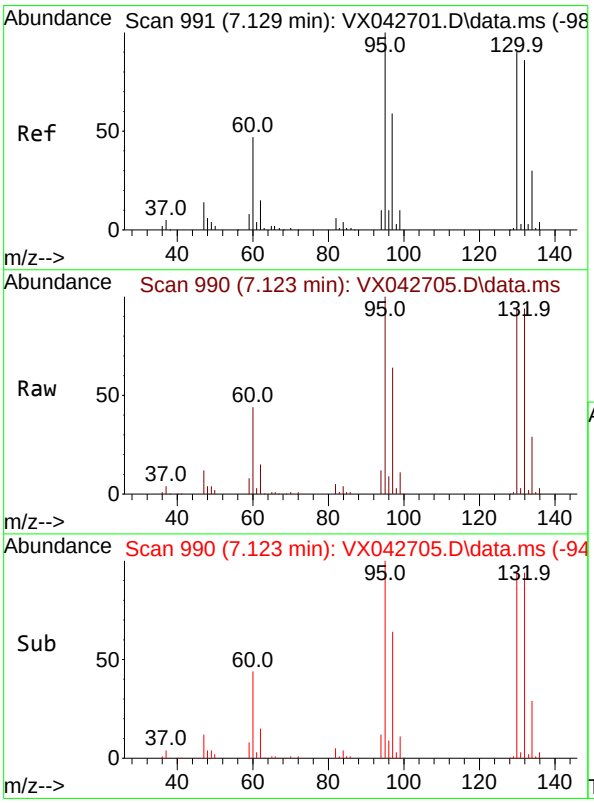
#20
cis-1,2-Dichloroethene
Concen: 20.204 ug/L
RT: 4.489 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX042705.D
Acq: 29 Jul 2024 20:51

Instrument :
MSVOA_X
ClientSampleId :
E20R6

Tgt Ion: 96 Resp: 25358

Ion	Ratio	Lower	Upper
96	100		
61	122.3	85.3	158.3
98	71.5	42.7	79.3





#34
Trichloroethene
Concen: 127.260 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042705.D
Acq: 29 Jul 2024 20:51

Tgt Ion: 95 Resp: 151637

Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.3	86.1
132	93.5	64.3	119.5
130	94.0	67.0	124.4