Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042123\
Data File : VD075783.D
Acq On : 21 Apr 2023 18:53
Operator : KP/SY
Sample : 02419-06
Misc : 5.36G/10.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW921

Quant Time: Apr 22 03:56:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 22 03:53:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	368081	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	217729	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	34005	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	246160	30.485	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.960%			
7) Chloroethane-d5	2.799	69	209681	30.054	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.200%			
11) 1,1-Dichloroethene-d2	3.917	65	47416	25.470	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.880%			
21) 2-Butanone-d5	6.981	46	35004	49.935	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.880%			
24) Chloroform-d	7.563	84	228658	24.842	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.360%			
26) 1,2-Dichloroethane-d4	8.228	65	101688	25.870	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.480%			
32) Benzene-d6	8.199	84	485888	38.288	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 153.160%#			
36) 1,2-Dichloropropane-d6	9.210	67	143169	40.760	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 163.040%#			
41) Toluene-d8	10.269	98	339045	28.538	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 114.160%			
43) trans-1,3-Dichloroprop...	10.522	79	36952	25.451	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.800%			
47) 2-Hexanone-d5	10.875	63	26643	62.996	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.000%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	85945	31.975	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 127.920%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	31266	25.994	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.960%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	3.170	101	2722	0.366	ug/L	99
13) Acetone	4.028	43	5176	8.628	ug/L	92
16) Methylene chloride	4.799	84	14909	1.997	ug/L	92
46) Tetrachloroethene	10.804	164	3850	1.378	ug/L	91

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

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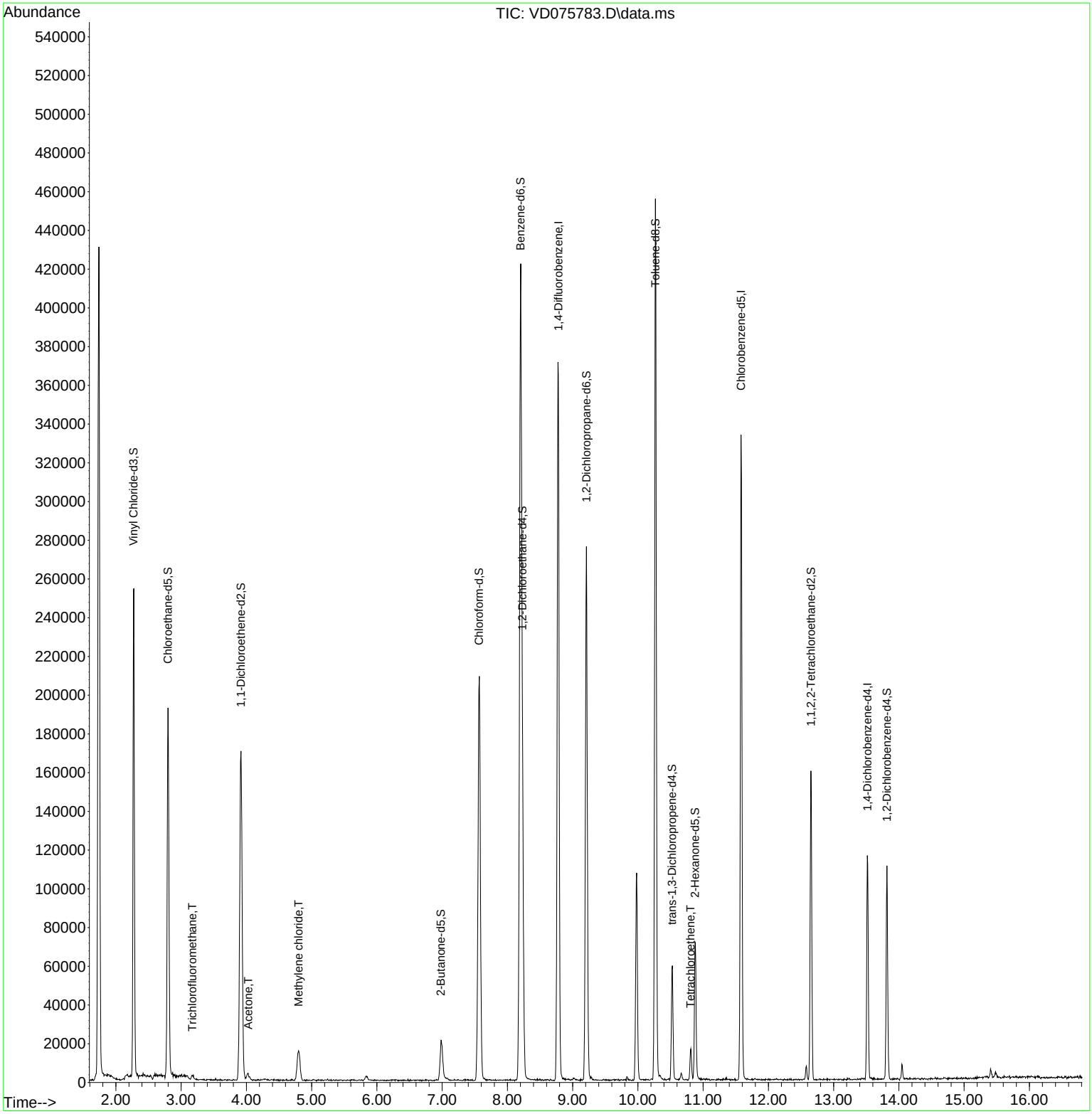
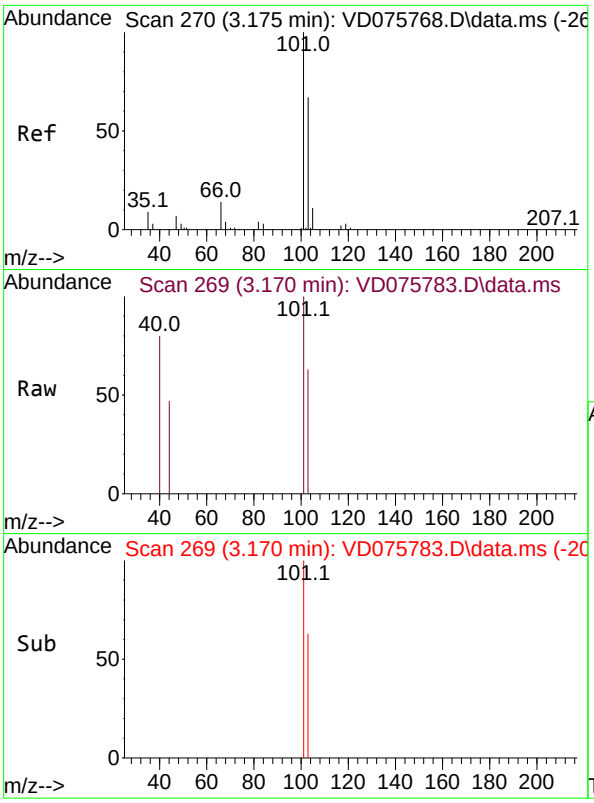


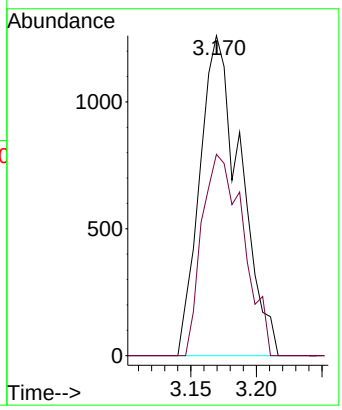


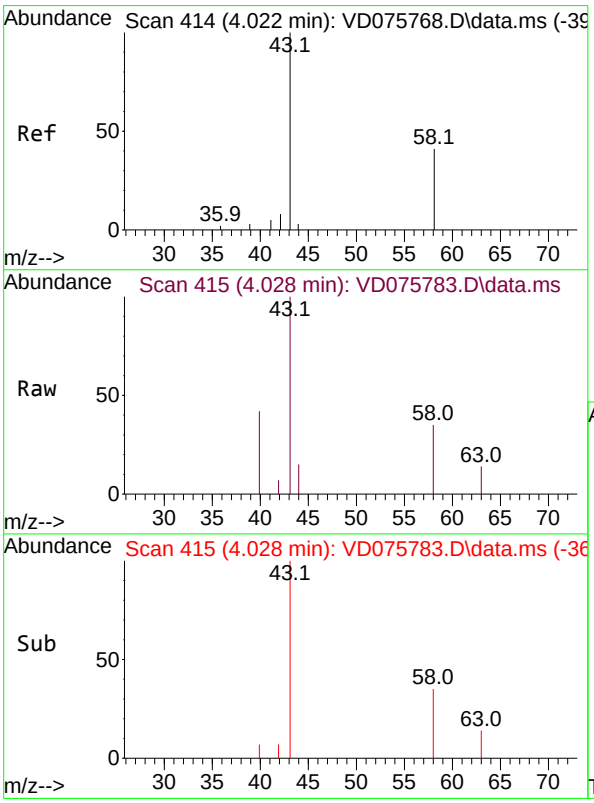
#9
Trichlorofluoromethane
Concen: 0.366 ug/L
RT: 3.170 min Scan# 2
Delta R.T. -0.006 min
Lab File: VD075783.D
Acq: 21 Apr 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :
EW921

Tgt Ion:101 Resp: 2722

Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.2	78.4

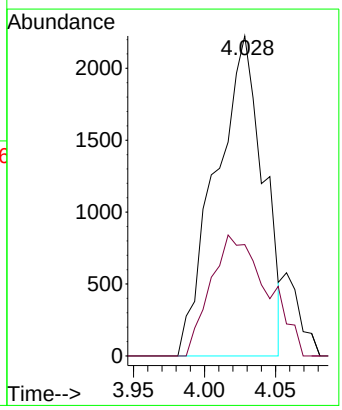


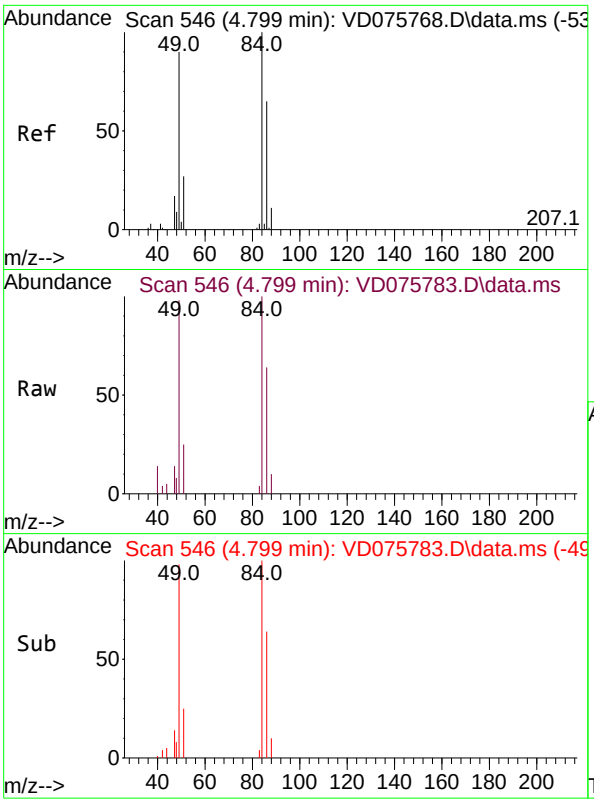


#13
Acetone
Concen: 8.628 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075783.D
Acq: 21 Apr 2023 18:53

Tgt Ion: 43 Resp: 5176

Ion	Ratio	Lower	Upper
43	100		
58	38.4	0.0	87.4



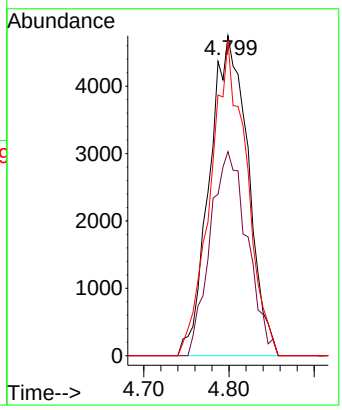


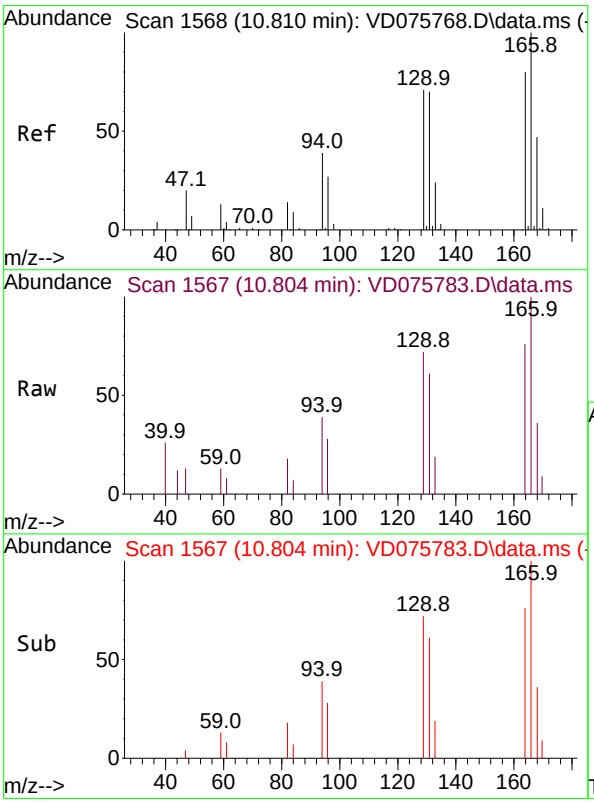
#16
Methylene chloride
Concen: 1.997 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD075783.D
Acq: 21 Apr 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :
EW921

Tgt Ion: 84 Resp: 14909

Ion	Ratio	Lower	Upper
84	100		
86	63.7	45.8	85.2
49	98.4	60.8	112.8





#46
Tetrachloroethene
Concen: 1.378 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD075783.D
Acq: 21 Apr 2023 18:53

Tgt Ion:164 Resp: 3850

Ion	Ratio	Lower	Upper
164	100		
129	95.1	60.3	112.1
131	81.2	58.9	109.3
166	132.4	83.0	154.1