Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121222\
Data File : VV029592.D
Acq On : 12 Dec 2022 13:54
Operator : SY/MD
Sample : N5929-15DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZB7DL

Quant Time: Dec 13 03:37:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 13 03:35:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	529160	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	483298	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	262288	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	129281	39.897	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.800%			
7) Chloroethane-d5	1.561	69	114363	46.285	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.560%			
11) 1,1-Dichloroethene-d2	2.105	63	180001	35.615	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.240%			
21) 2-Butanone-d5	3.870	46	199917	101.137	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.140%			
24) Chloroform-d	4.339	84	270500	44.361	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.720%			
26) 1,2-Dichloroethane-d4	5.024	65	162995	46.802	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.600%			
32) Benzene-d6	5.043	84	579340	45.366	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.740%			
36) 1,2-Dichloropropane-d6	6.063	67	180231	46.204	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.400%			
41) Toluene-d8	7.310	98	527954	43.877	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.760%			
43) trans-1,3-Dichloroprop...	7.612	79	74603	37.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.740%			
47) 2-Hexanone-d5	8.082	63	165567	99.397	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.400%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	253333	45.448	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.900%			
66) 1,2-Dichlorobenzene-d4	11.612	152	220500	44.162	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.320%			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	60650	15.254	ug/L	96
8) Chloroethane	1.581	64	34035	15.373	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	5600	1.718	ug/L	88
19) 1,1-Dichloroethane	3.182	63	450897	80.759	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	277360	77.394	ug/L	94
27) 1,2-Dichloroethane	5.137	62	2868	0.701	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	7896	1.500	ug/L	97
54) o-Xylene	9.535	106	13461	2.230	ug/L	94
63) 1,2,4-Trimethylbenzene	10.905	105	29440	2.181	ug/L	100

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

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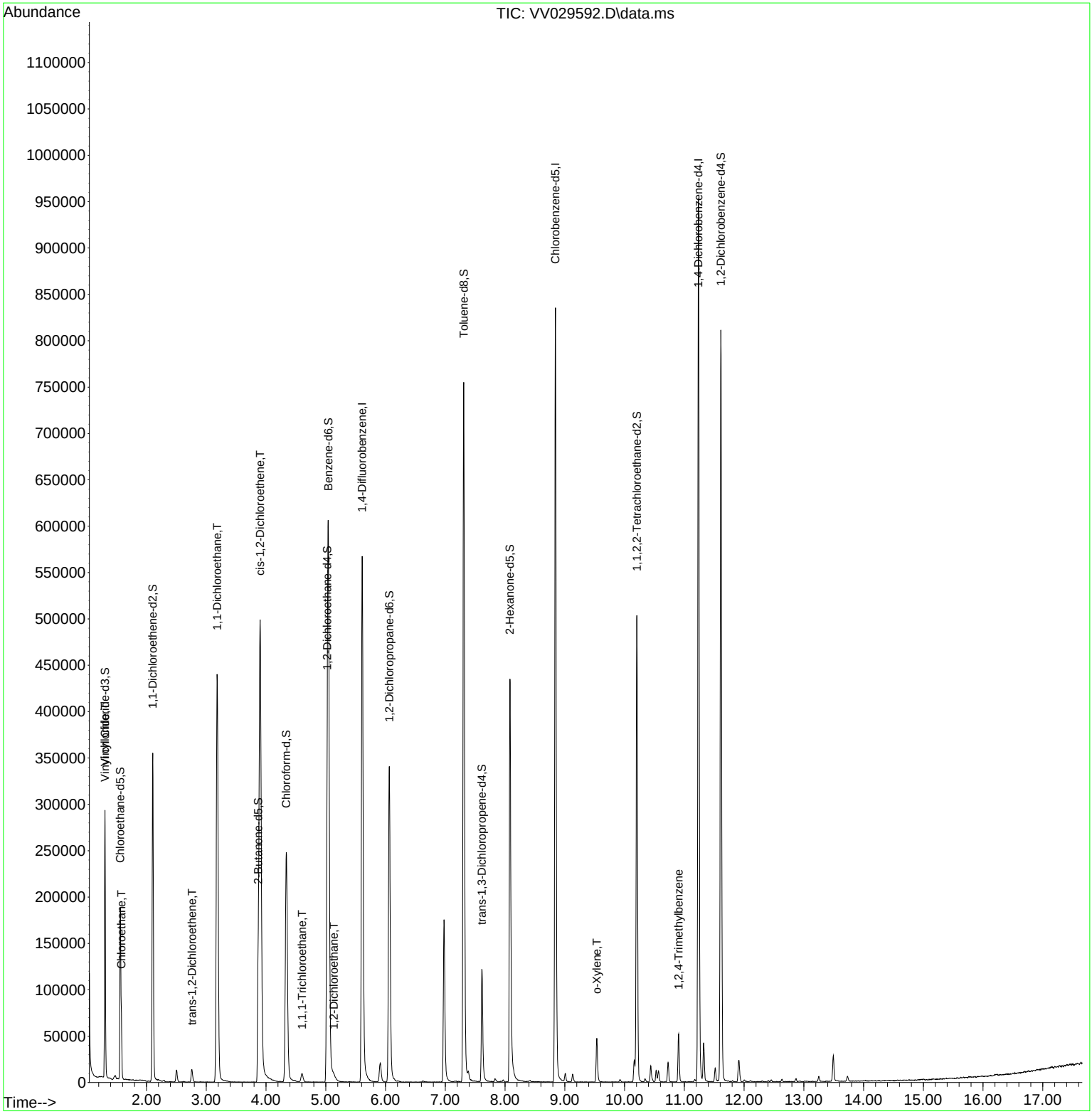
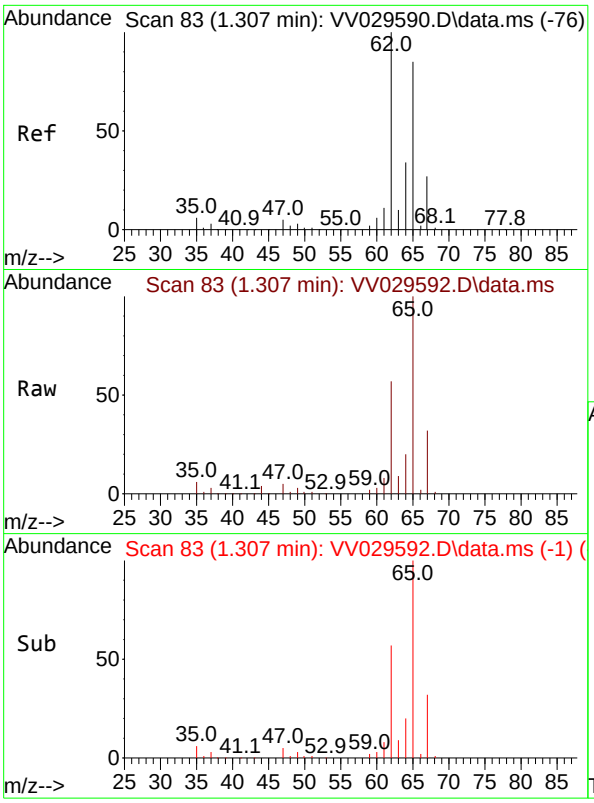


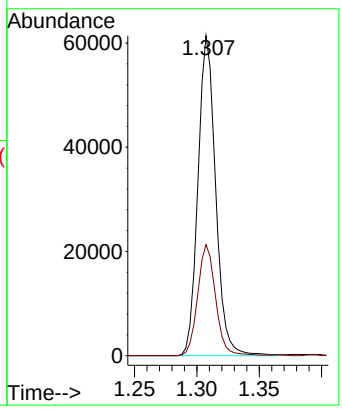


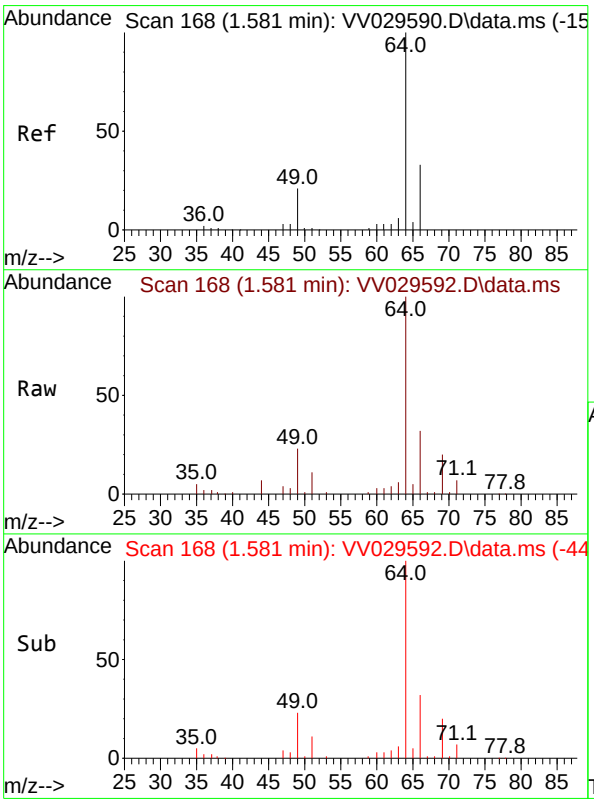
#5
Vinyl chloride
Concen: 15.254 ug/L
RT: 1.307 min Scan# 8
Delta R.T. -0.000 min
Lab File: VV029592.D
Acq: 12 Dec 2022 13:54

Instrument :
MSVOA_V
ClientSampleId :
EXZB7DL

Tgt Ion: 62 Resp: 60650

Ion	Ratio	Lower	Upper
62	100		
64	34.7	22.5	41.9

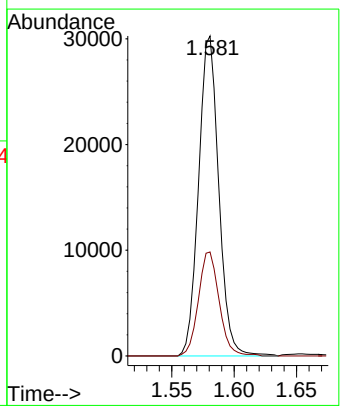


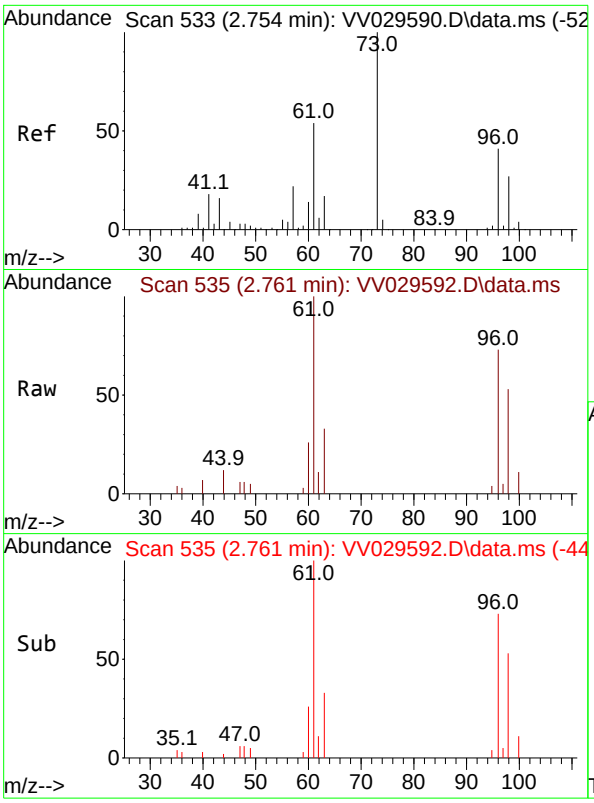


#8
Chloroethane
Concen: 15.373 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV029592.D
Acq: 12 Dec 2022 13:54

Tgt Ion: 64 Resp: 34035

Ion	Ratio	Lower	Upper
64	100		
66	32.5	22.5	41.9



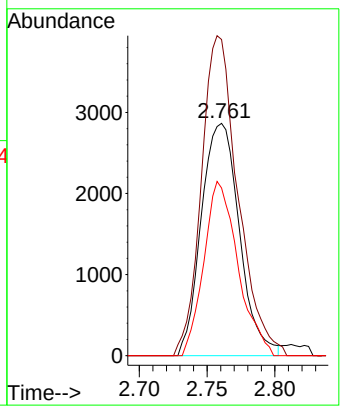


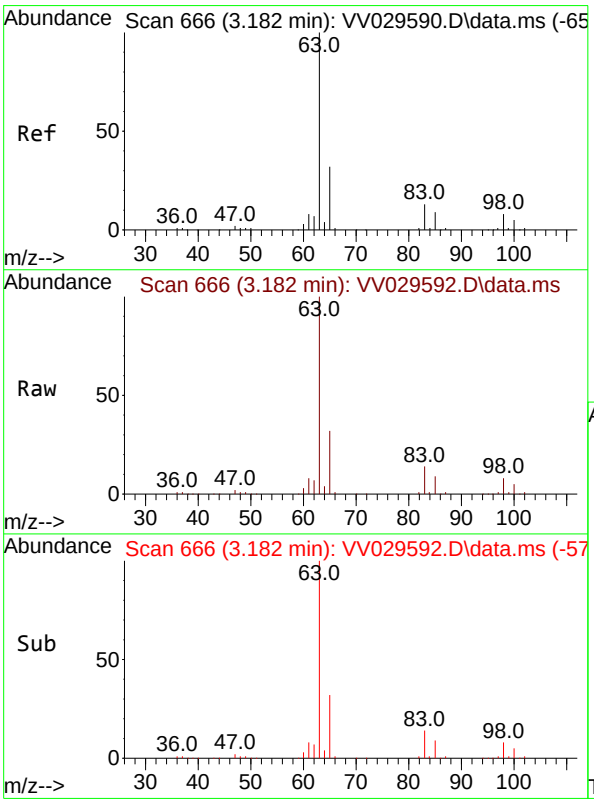
#17
trans-1,2-Dichloroethene
Concen: 1.718 ug/L
RT: 2.761 min Scan# 5
Delta R.T. 0.006 min
Lab File: VV029592.D
Acq: 12 Dec 2022 13:54

Instrument :
MSVOA_V
ClientSampleId :
EXZB7DL

Tgt Ion: 96 Resp: 5600

Ion	Ratio	Lower	Upper
96	100		
61	136.1	86.4	160.4
98	72.1	43.4	80.6

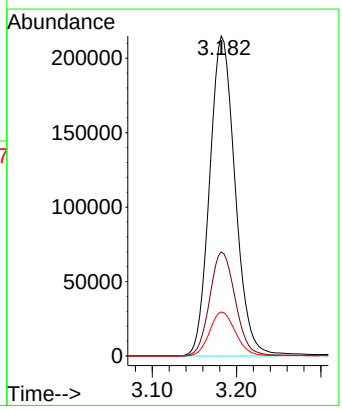


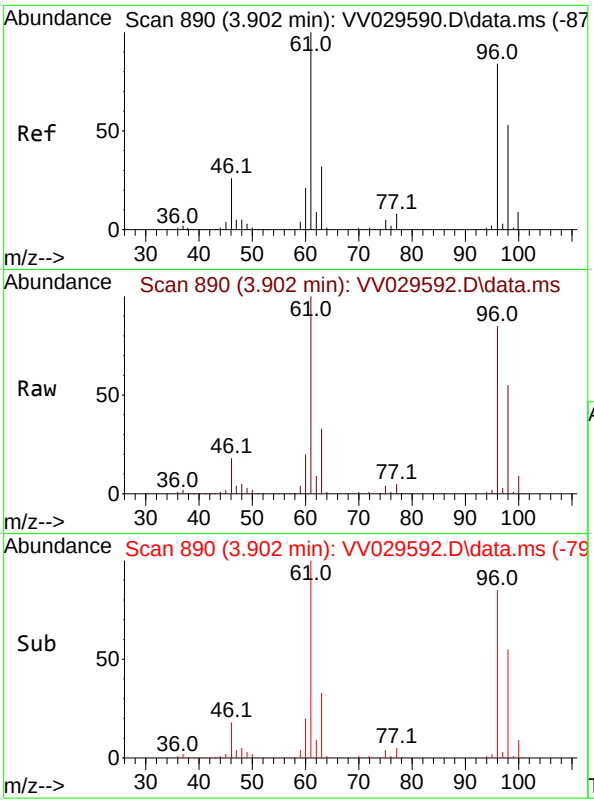


#19
1,1-Dichloroethane
Concen: 80.759 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV029592.D
Acq: 12 Dec 2022 13:54

Tgt Ion: 63 Resp: 450897

Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.5	41.7
83	13.7	10.4	19.2



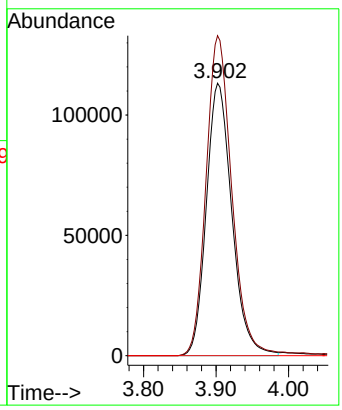


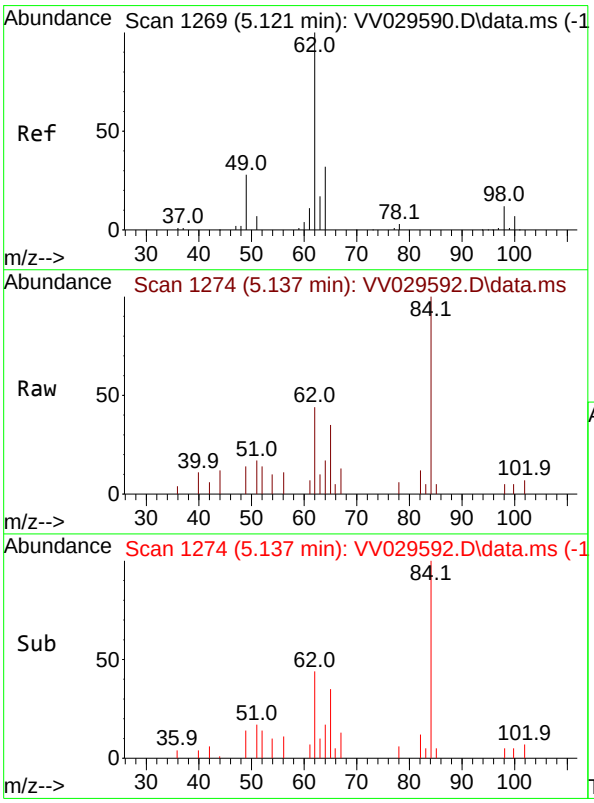
#20
cis-1,2-Dichloroethene
Concen: 77.394 ug/L
RT: 3.902 min Scan# 8
Delta R.T. -0.000 min
Lab File: VV029592.D
Acq: 12 Dec 2022 13:54

Instrument :
MSVOA_V
ClientSampleId :
EXZB7DL

Tgt Ion: 96 Resp: 277360

Ion	Ratio	Lower	Upper
96	100		
61	117.5	78.0	144.9
68	0.0	0.0	0.0

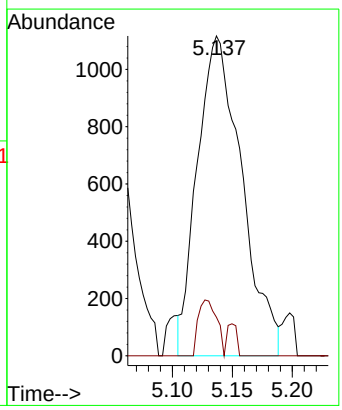


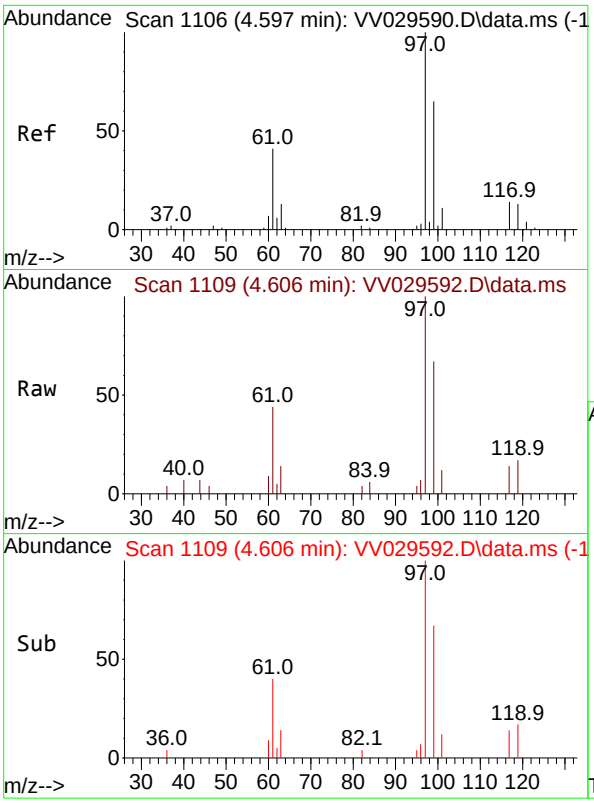


#27
1,2-Dichloroethane
Concen: 0.701 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.016 min
Lab File: VV029592.D
Acq: 12 Dec 2022 13:54

Tgt Ion: 62 Resp: 2868

Ion	Ratio	Lower	Upper
62	100		
98	12.1	9.4	14.0



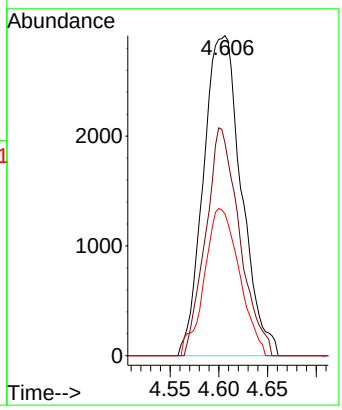


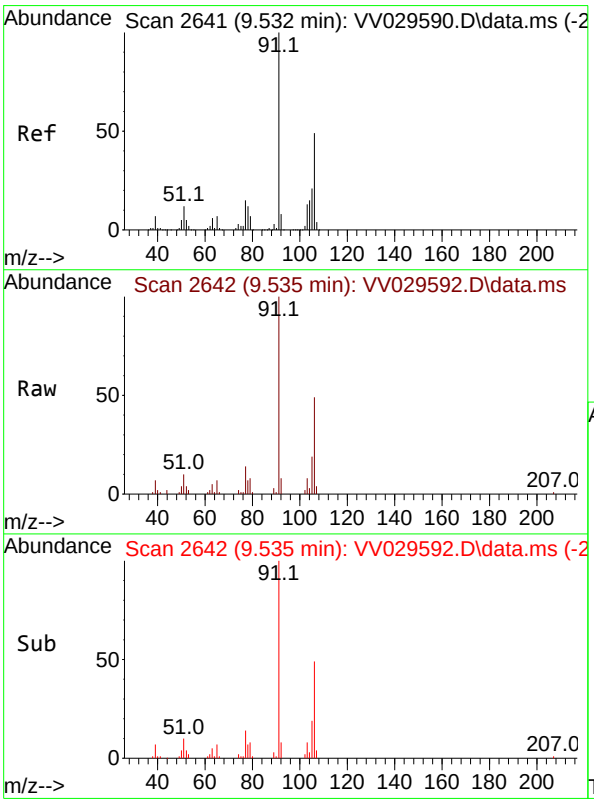
#30
1,1,1-Trichloroethane
Concen: 1.500 ug/L
RT: 4.606 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV029592.D
Acq: 12 Dec 2022 13:54

Instrument :
MSVOA_V
ClientSampleId :
EXZB7DL

Tgt Ion: 97 Resp: 7896

Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.1	78.1
61	42.4	31.8	47.8

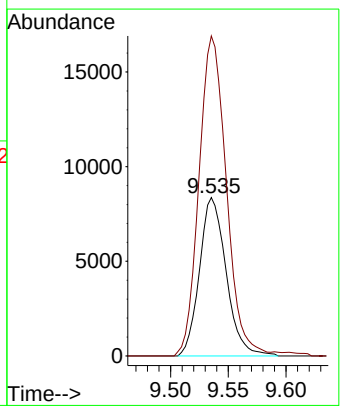


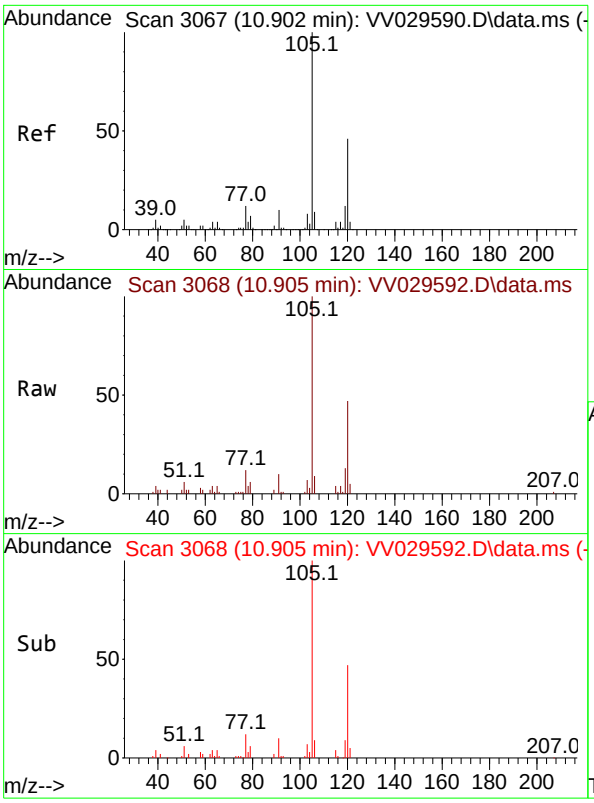


#54
o-Xylene
Concen: 2.230 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029592.D
Acq: 12 Dec 2022 13:54

Tgt Ion:106 Resp: 13461

Ion	Ratio	Lower	Upper
106	100		
91	202.1	148.0	274.8





#63
1,2,4-Trimethylbenzene
Concen: 2.181 ug/L
RT: 10.905 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV029592.D
Acq: 12 Dec 2022 13:54

Instrument :
MSVOA_V
ClientSampleId :
EXZB7DL

Tgt Ion:105 Resp: 29440

Ion	Ratio	Lower	Upper
105	100		
120	45.6	36.7	55.1