Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
Data File : VV028328.D
Acq On : 04 Oct 2022 14:40
Operator : SY/MD
Sample : N4730-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXFS7

Quant Time: Oct 04 23:24:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	175722	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	181026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87524	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	57059	4.321	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.400%			
7) Chloroethane-d5	1.561	69	52976	4.740	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.800%			
11) 1,1-Dichloroethene-d2	2.102	63	84765	3.406	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.200%			
20) 2-Butanone-d5	3.892	46	137106	61.373	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.740%			
24) Chloroform-d	4.343	84	121857	5.095	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.800%			
26) 1,2-Dichloroethane-d4	5.027	65	64405	5.808	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.200%			
32) Benzene-d6	5.043	84	250982	5.054	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
36) 1,2-Dichloropropane-d6	6.063	67	76867	5.396	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.000%			
41) Toluene-d8	7.314	98	203528	4.456	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.200%			
43) trans-1,3-Dichloroprop...	7.622	79	26663	4.914	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.200%			
46) 2-Hexanone-d5	8.085	63	124171	55.915	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.820%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61660	5.710	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	83082	5.516	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	97951	6.494	ug/L	90
18) trans-1,2-Dichloroethene	2.757	96	2714	0.207	ug/L #	69
22) cis-1,2-Dichloroethene	3.902	96	75040	5.676	ug/L	97
33) Benzene	5.095	78	38524	0.715	ug/L	100
34) Trichloroethene	5.915	95	2703	0.200	ug/L	92
35) Methylcyclohexane	6.121	83	7027	0.319	ug/L	97
47) Tetrachloroethene	7.976	164	1529	0.130	ug/L #	72
62) 1,3,5-Trimethylbenzene	10.535	105	6925	0.455	ug/L	87
63) 1,2,4-Trimethylbenzene	10.915	105	7683	0.178	ug/L	98

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

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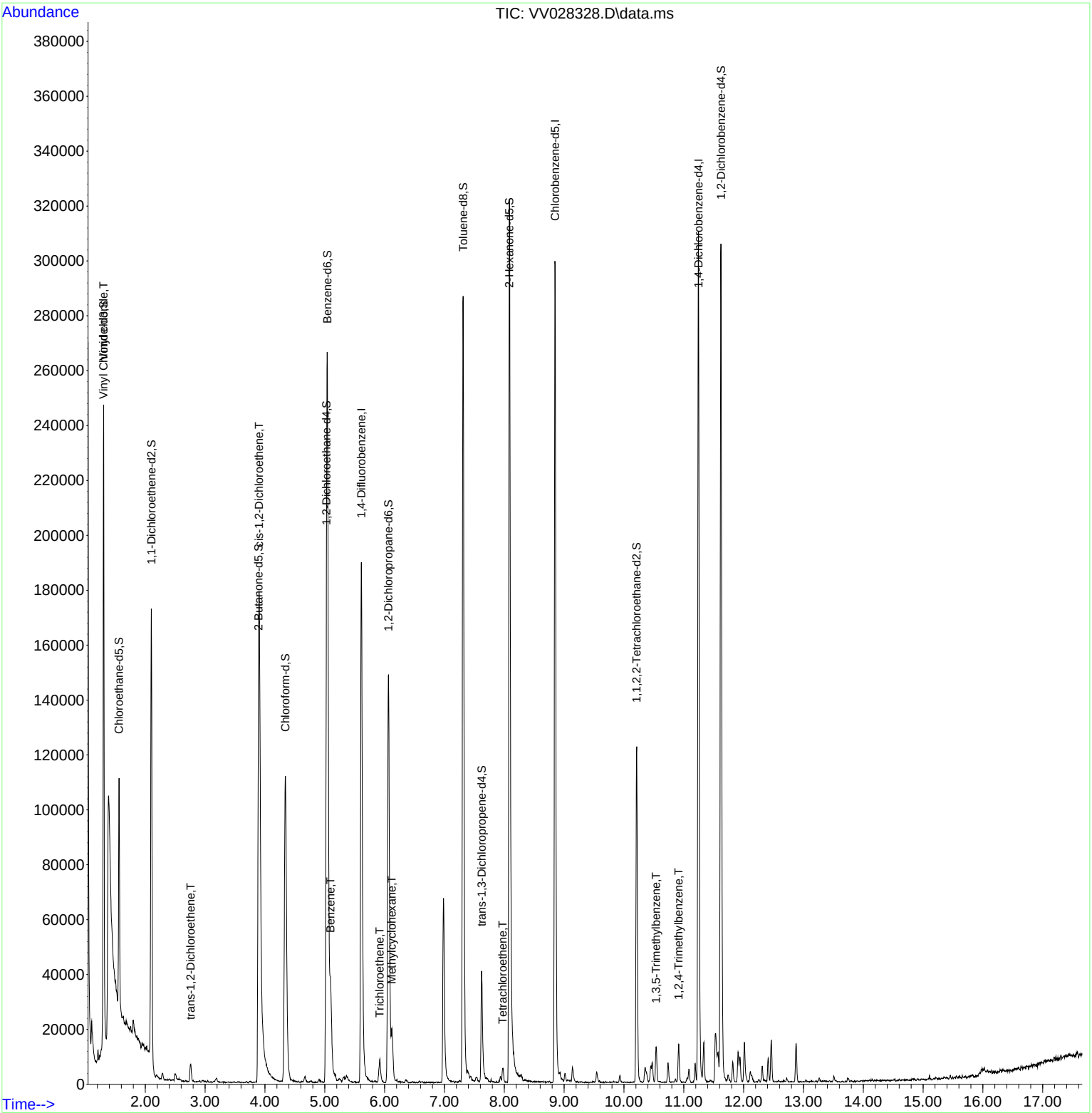
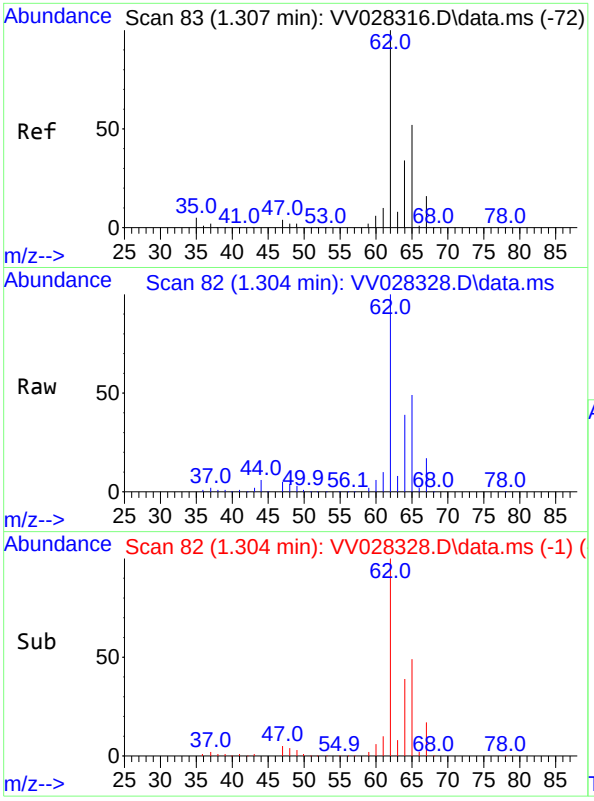


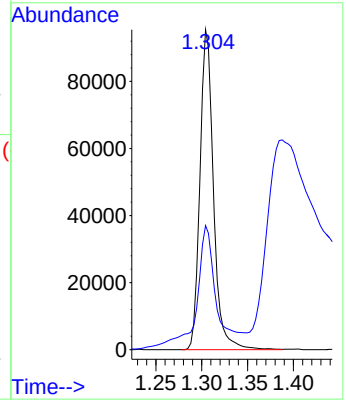


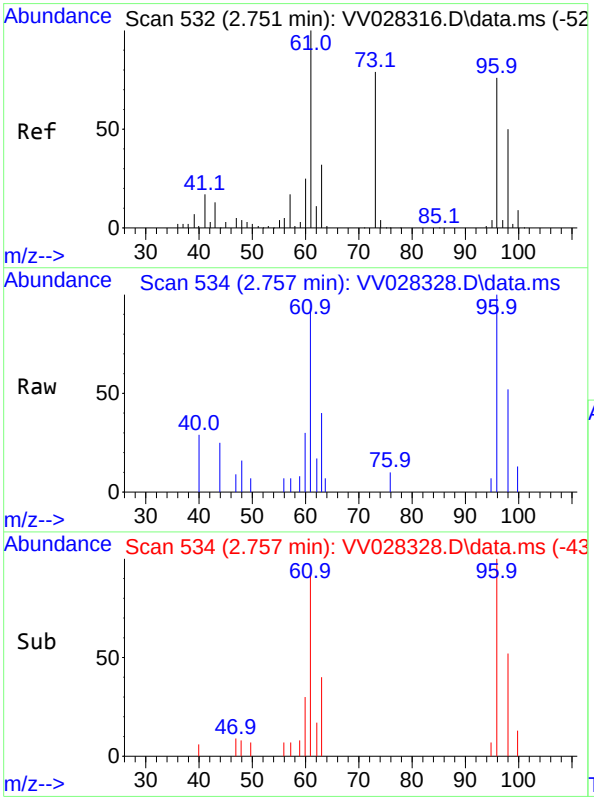
#5
Vinyl chloride
Concen: 6.494 ug/L
RT: 1.304 min Scan# 8
Delta R.T. 0.000 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :
EXFS7

Tgt Ion: 62 Resp: 97951

Ion	Ratio	Lower	Upper
62	100		
64	38.8	23.0	42.8

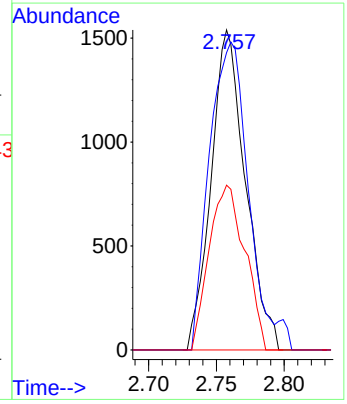


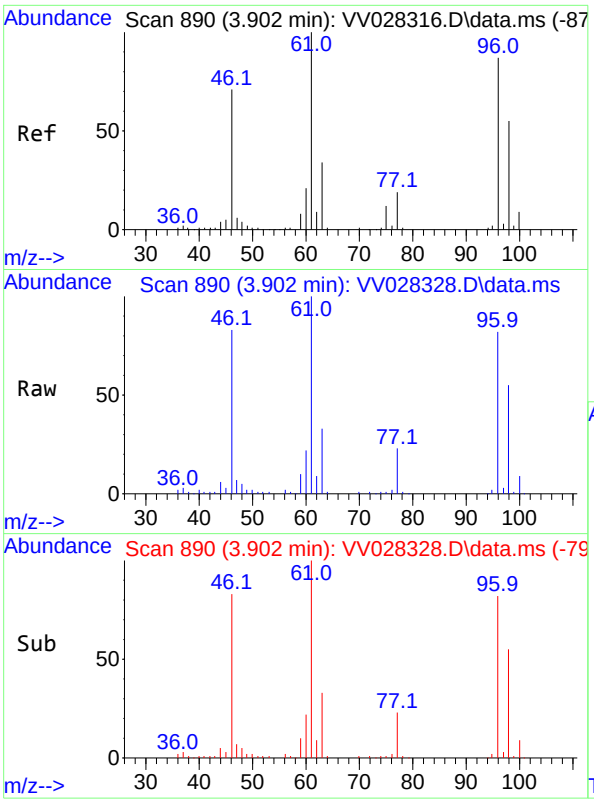


#18
trans-1,2-Dichloroethene
Concen: 0.207 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.007 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Tgt Ion: 96 Resp: 2714

Ion	Ratio	Lower	Upper
96	100		
61	92.9	96.2	178.6#
98	51.5	45.7	84.9



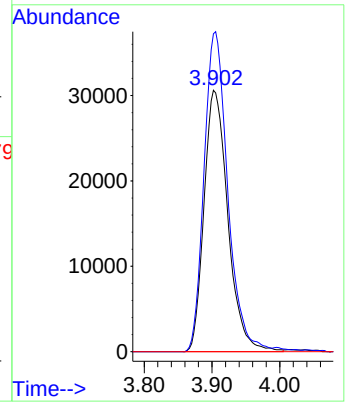


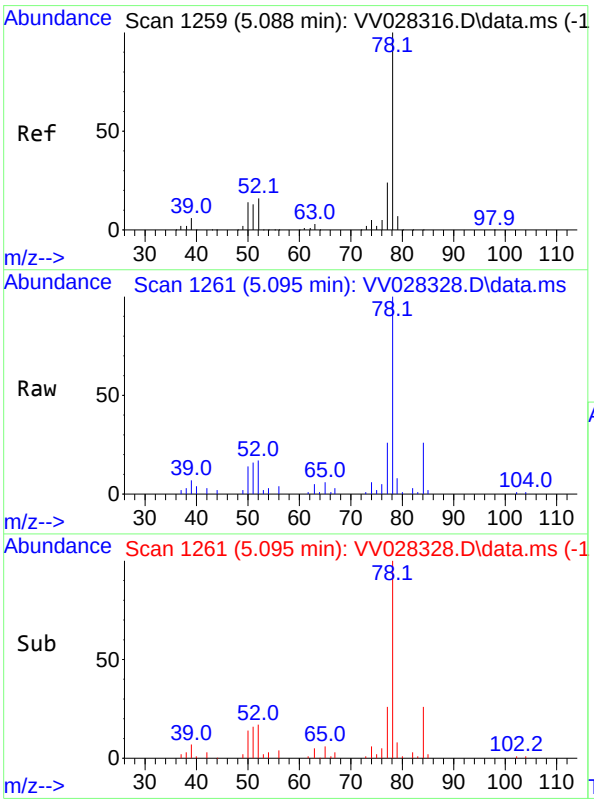
#22
cis-1,2-Dichloroethene
Concen: 5.676 ug/L
RT: 3.902 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :
EXFS7

Tgt Ion: 96 Resp: 75040

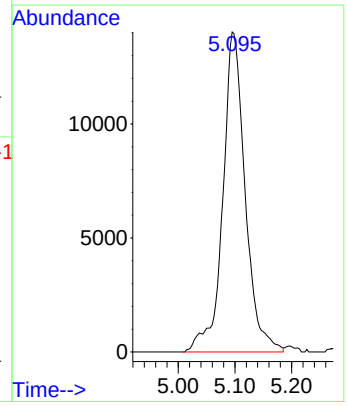
Ion	Ratio	Lower	Upper
96	100		
61	121.6	87.2	161.9
68	0.0	0.0	0.0

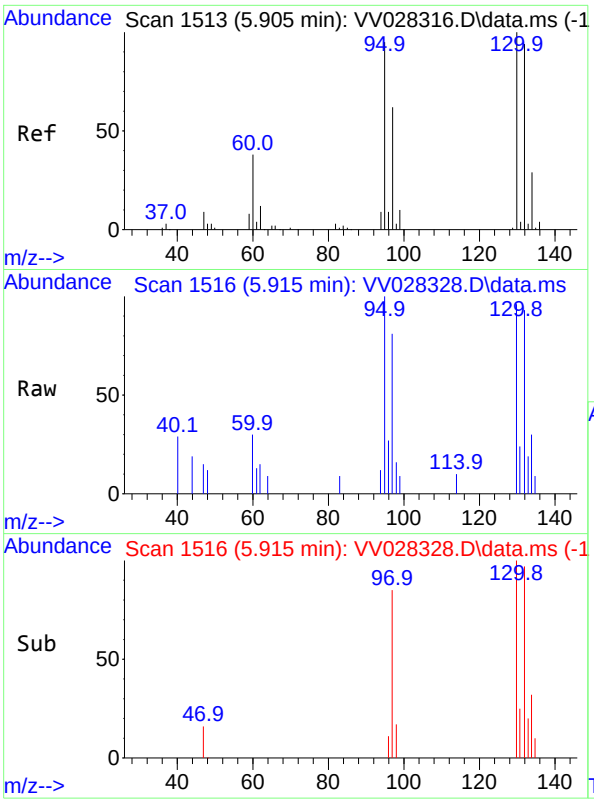




#33
Benzene
Concen: 0.715 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Tgt Ion: 78 Resp: 38524



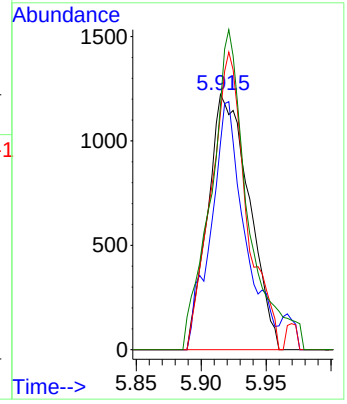


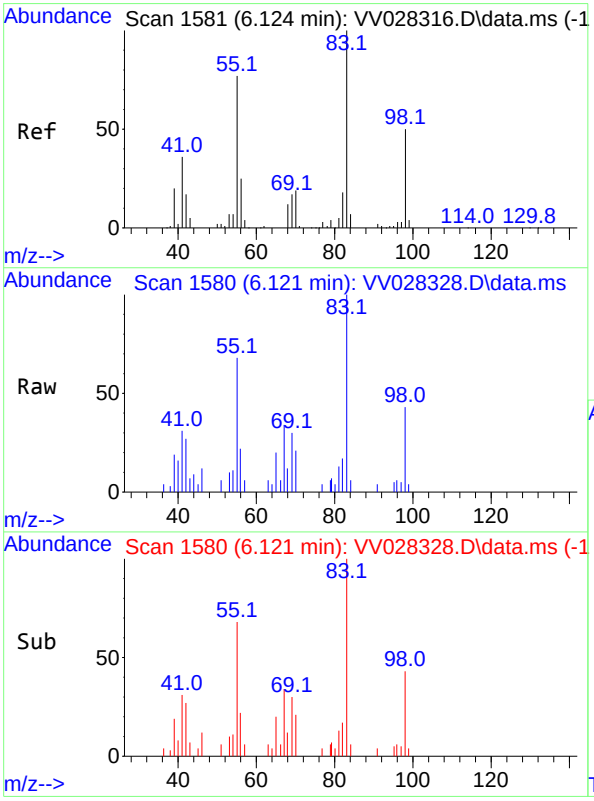
#34
Trichloroethene
Concen: 0.200 ug/L
RT: 5.915 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :
EXFS7

Tgt Ion: 95 Resp: 2703

Ion	Ratio	Lower	Upper
95	100		
97	80.9	44.2	82.0
132	92.6	67.8	126.0
130	95.7	68.8	127.8

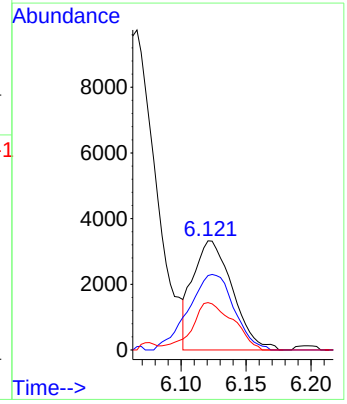


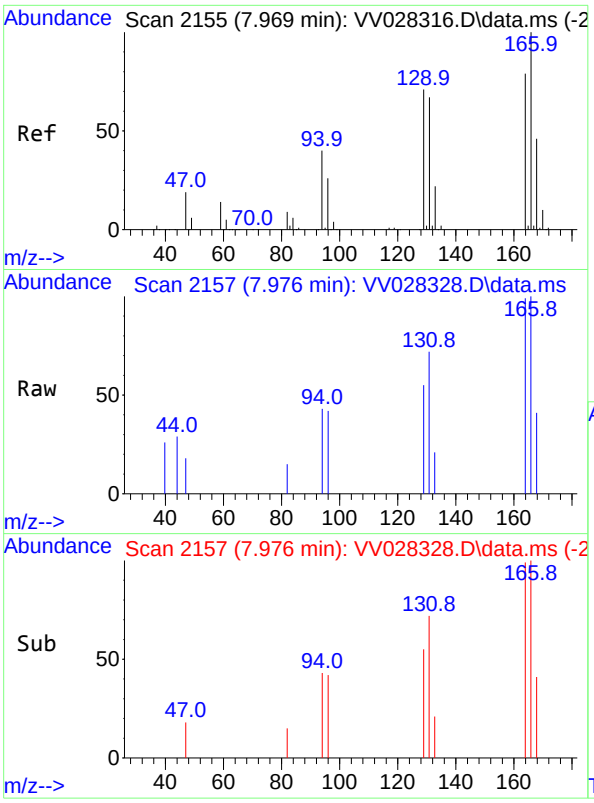


#35
Methylcyclohexane
Concen: 0.319 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. -0.003 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Tgt Ion: 83 Resp: 7027

Ion	Ratio	Lower	Upper
83	100		
55	79.6	64.7	97.1
98	45.3	39.5	59.3



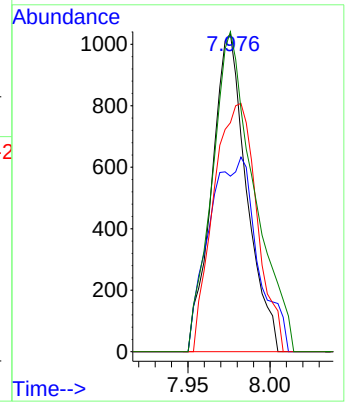


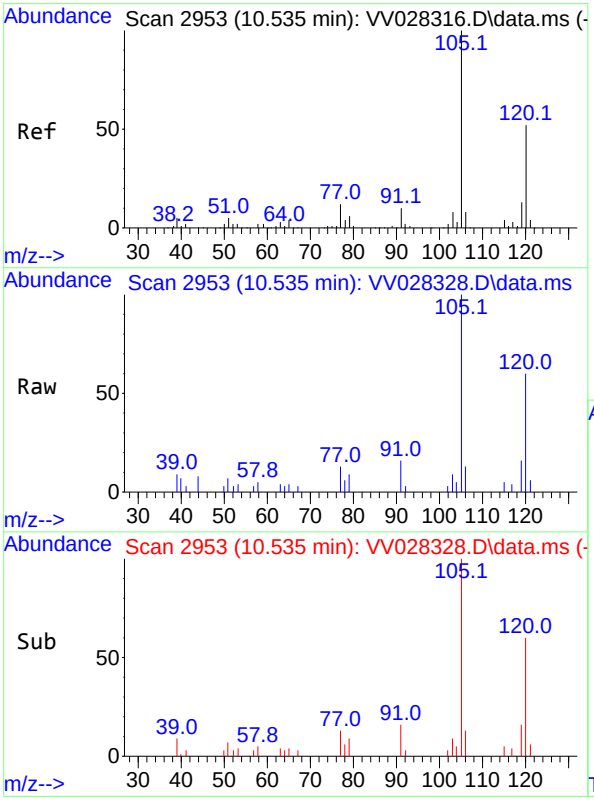
#47
Tetrachloroethene
Concen: 0.130 ug/L
RT: 7.976 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :
EXFS7

Tgt Ion:164 Resp: 1529

Ion	Ratio	Lower	Upper
164	100		
129	55.2	66.7	123.9#
131	72.1	61.7	114.5
166	100.7	90.9	168.9

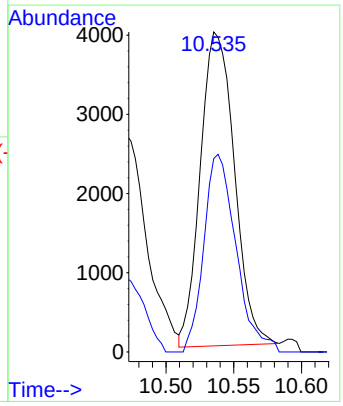


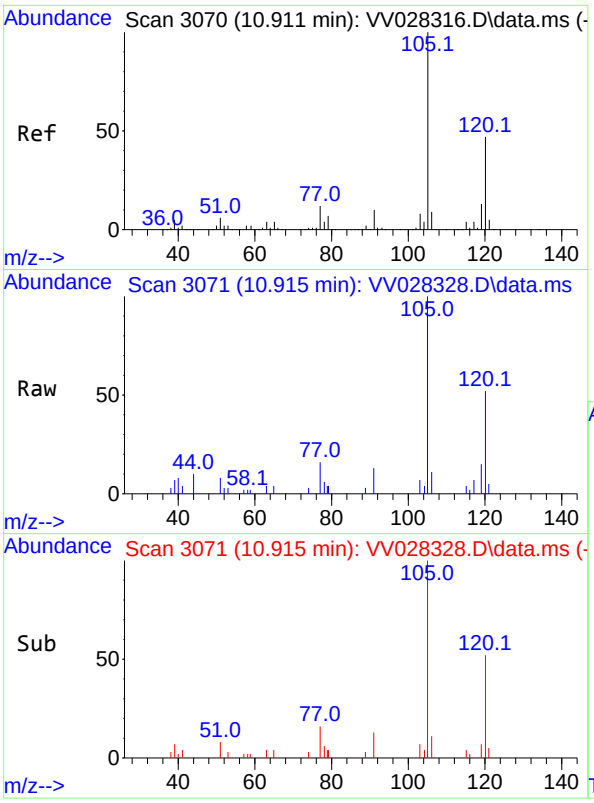


#62
1,3,5-Trimethylbenzene
Concen: 0.455 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Tgt Ion:105 Resp: 6925

Ion	Ratio	Lower	Upper
105	100		
120	59.5	40.6	61.0





#63
1,2,4-Trimethylbenzene
Concen: 0.178 ug/L
RT: 10.915 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :
EXFS7

Tgt Ion:105 Resp: 7683

Ion	Ratio	Lower	Upper
105	100		
120	48.5	37.8	56.8