Quantitation Report (Not 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 :

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
3) Chloromethane	1.237	50	722	0.054	ug/L	86
5) Vinyl chloride	1.304	62	97951	6.494	ug/L	90
6) Bromomethane	1.526	94	300	0.042	ug/L #	2
8) Chloroethane	1.388	64	299546	29.798	ug/L #	52
12) 1,1-Dichloroethene	2.105	96	1210	0.096	ug/L #	1
14) Carbon disulfide	2.291	76	2867	0.073	ug/L #	92
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
25) Chloroform	4.375	83	4759	0.194	ug/L #	74
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
37) 1,2-Dichloropropane	6.066	63	8142	0.652	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1710	0.096	ug/L #	64
47) Tetrachloroethene	7.976	164	1529	0.130	ug/L #	72
52) Ethylbenzene	9.024	91	2532	0.042	ug/L	89
53) m,p-Xylene	9.143	106	1689	0.071	ug/L	98
54) o-Xylene	9.548	106	1294	0.058	ug/L	79
60) Isopropylbenzene	9.934	105	1748	0.033	ug/L #	95

Quantitation Report (Not 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 :

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)
61) 1,2,3-Trichloropropane	11.246	75	9049	1.340	ug/L	#	68
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
71) Naphthalene	13.509	128	2196	0.089	ug/L	#	87
72) 1,2,3-Trichlorobenzene	13.741	180	759	0.053	ug/L	#	16

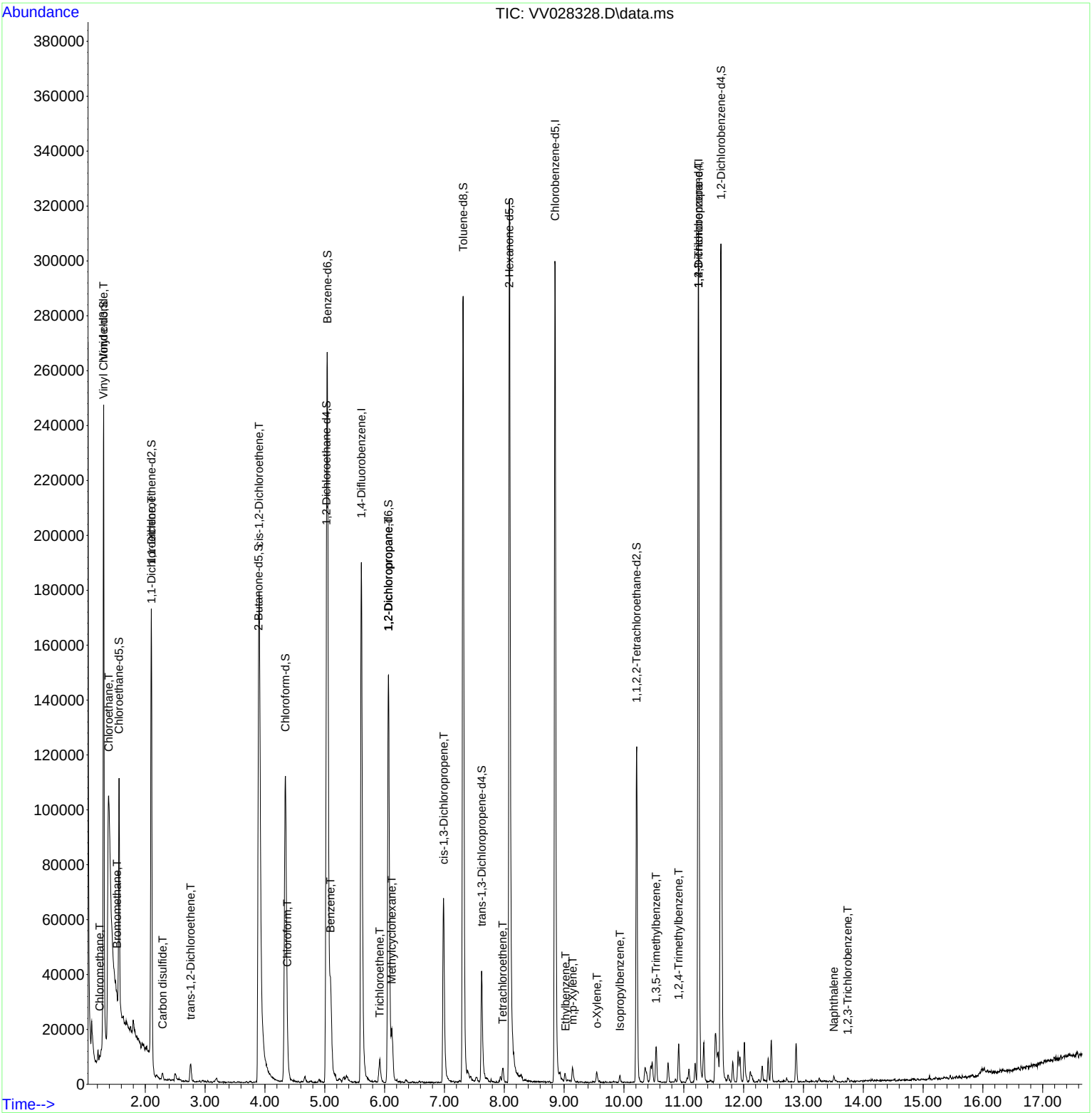
(#) = qualifier out of range (m) = manual integration (+) = signals summed

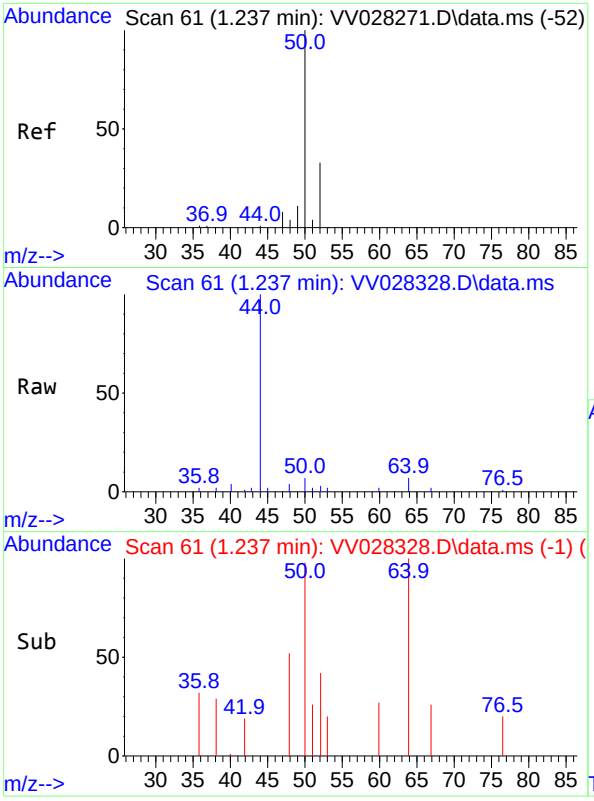
Quantitation Report (Not Reviewed)

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 :

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



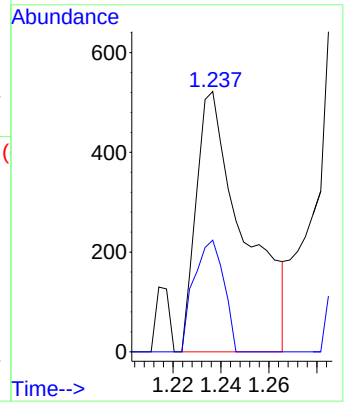


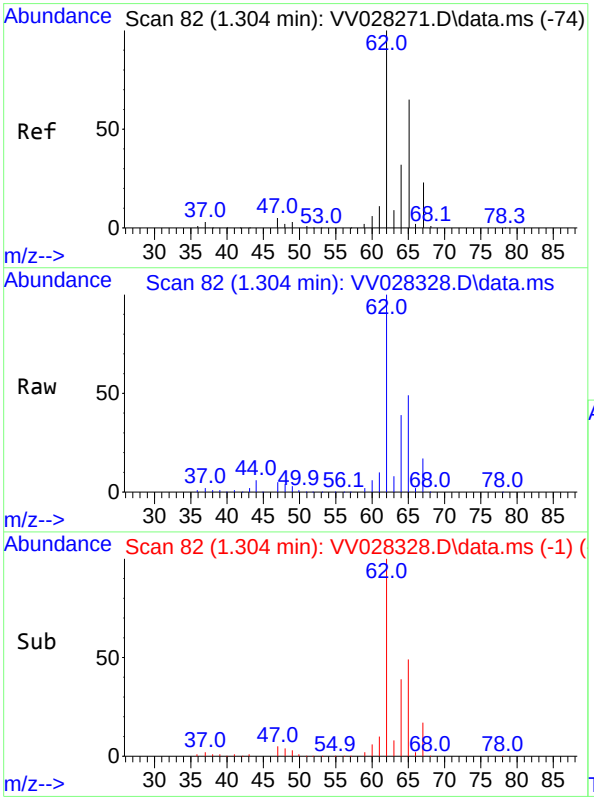
#3
Chloromethane
Concen: 0.054 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 722

Ion	Ratio	Lower	Upper
50	100		
52	42.9	24.4	45.2

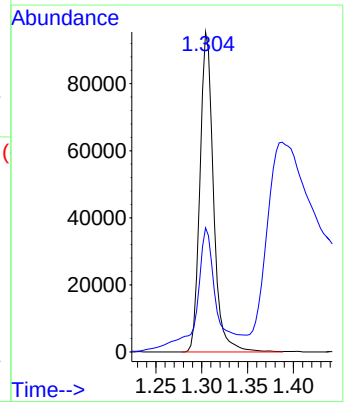


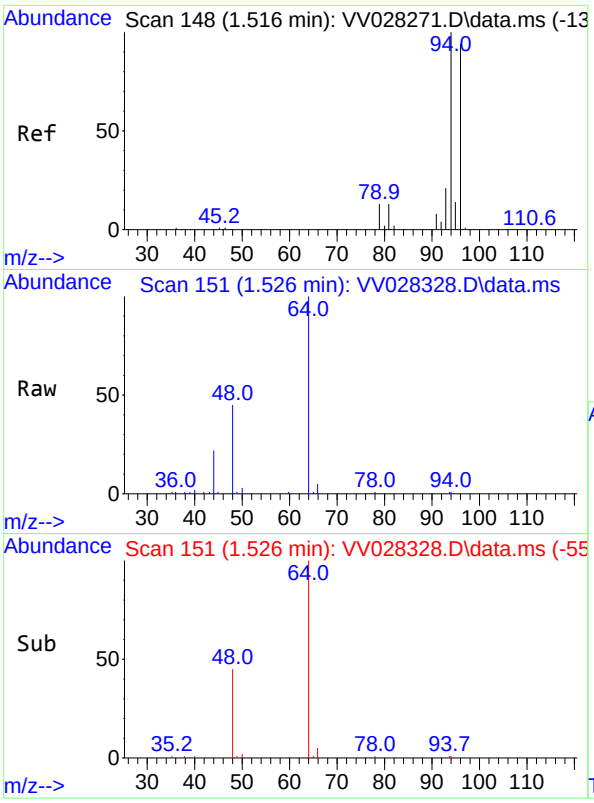


#5
Vinyl chloride
Concen: 6.494 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Tgt Ion: 62 Resp: 97951

Ion	Ratio	Lower	Upper
62	100		
64	38.8	23.0	42.8



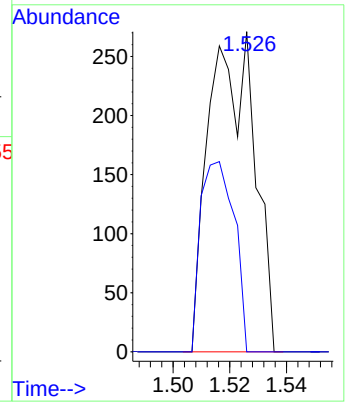


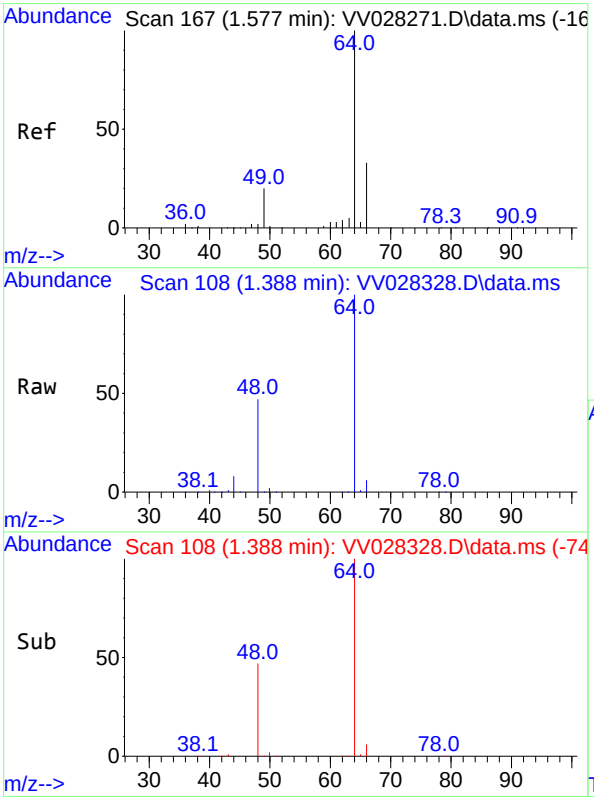
#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.526 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 94 Resp: 300

Ion	Ratio	Lower	Upper
94	100		
96	0.0	66.7	123.9#

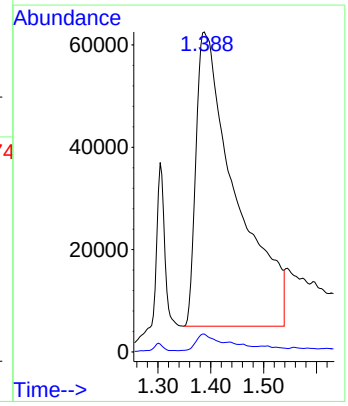


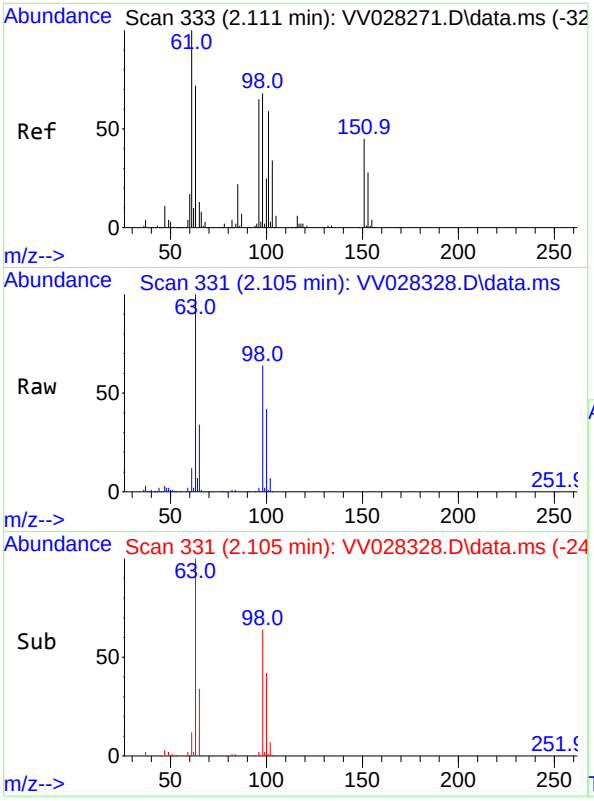


#8
Chloroethane
Concen: 29.798 ug/L
RT: 1.388 min Scan# 108
Delta R.T. -0.190 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Tgt Ion: 64 Resp: 299546

Ion	Ratio	Lower	Upper
64	100		
66	5.6	23.0	42.8#



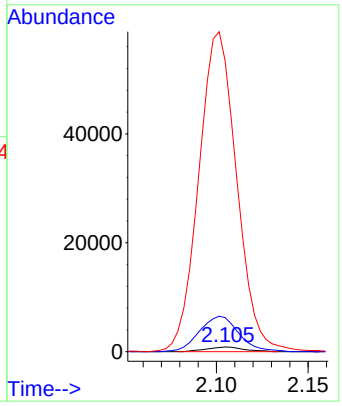


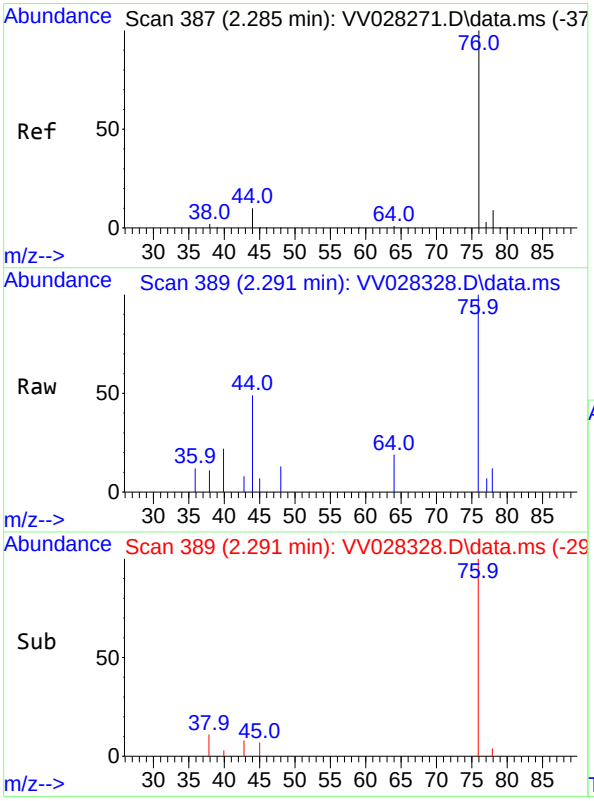
#12
1,1-Dichloroethene
Concen: 0.096 ug/L
RT: 2.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1210

Ion	Ratio	Lower	Upper
96	100		
61	739.8	128.3	238.3#
63	6317.7	112.7	209.3#

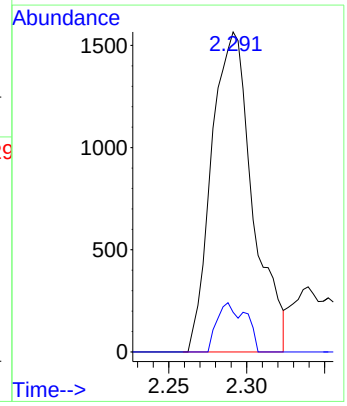


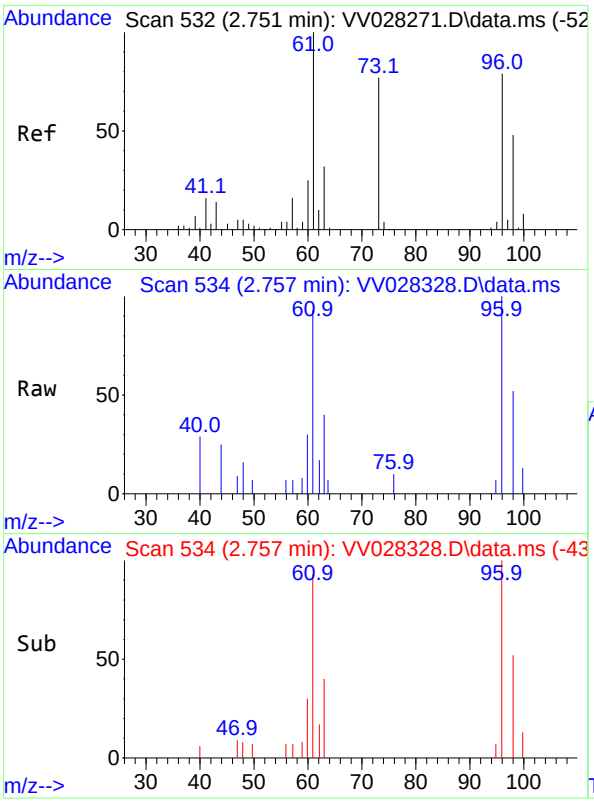


#14
Carbon disulfide
Concen: 0.073 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.007 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Tgt Ion: 76 Resp: 2867

Ion	Ratio	Lower	Upper
76	100		
78	12.4	7.6	11.4#



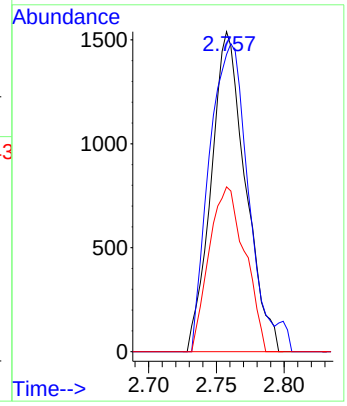


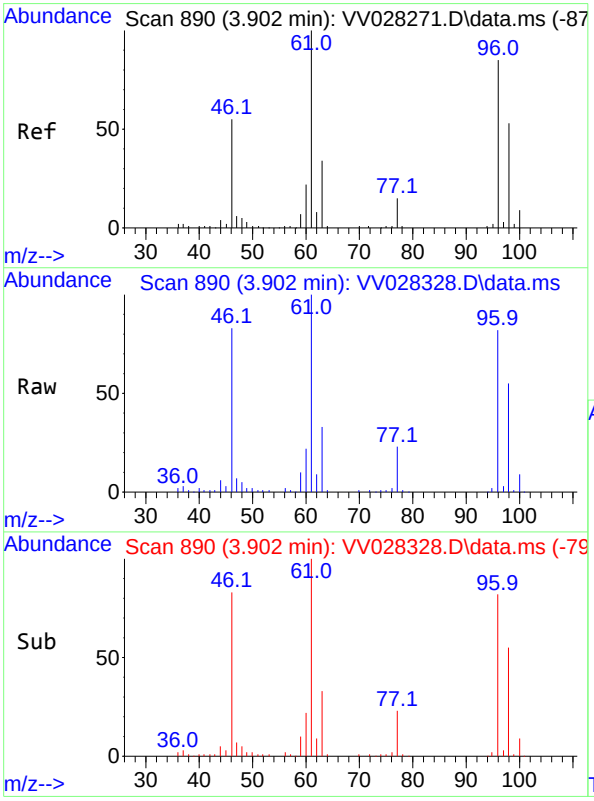
#18
trans-1,2-Dichloroethene
Concen: 0.207 ug/L
RT: 2.757 min Scan# 5
Delta R.T. 0.007 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :

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

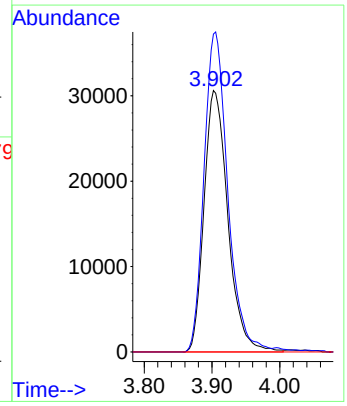


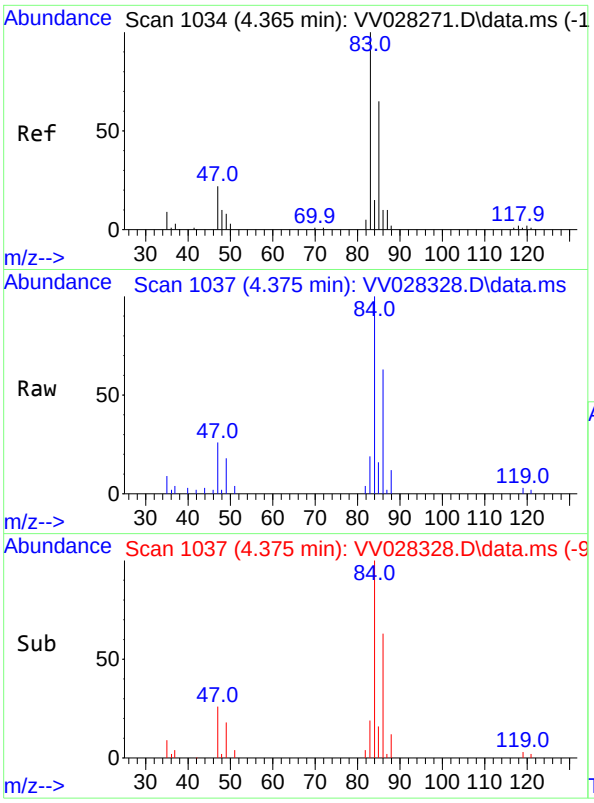


#22
cis-1,2-Dichloroethene
Concen: 5.676 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

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



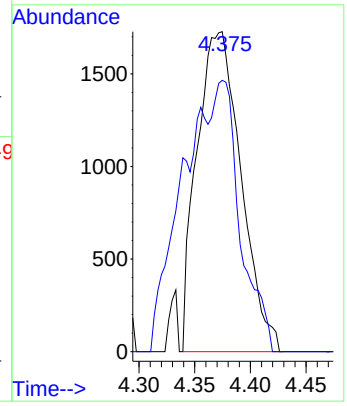


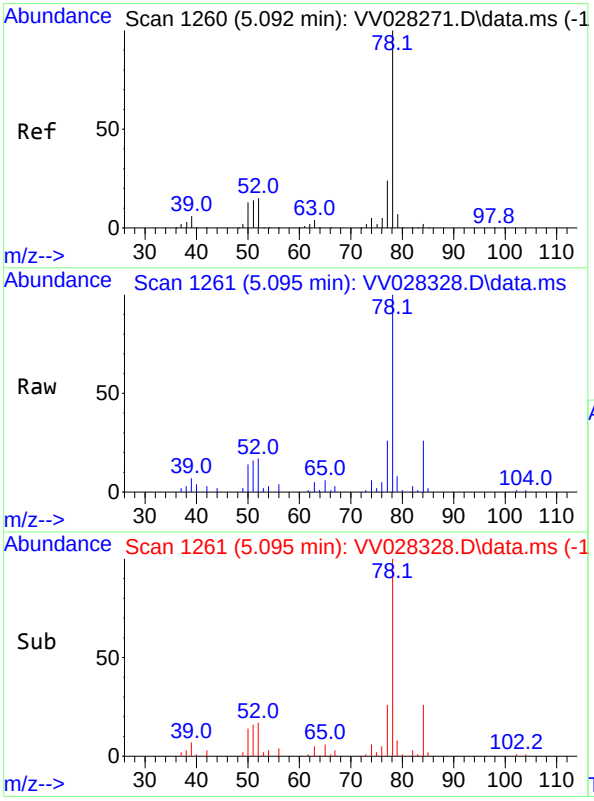
#25
Chloroform
Concen: 0.194 ug/L
RT: 4.375 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 4759

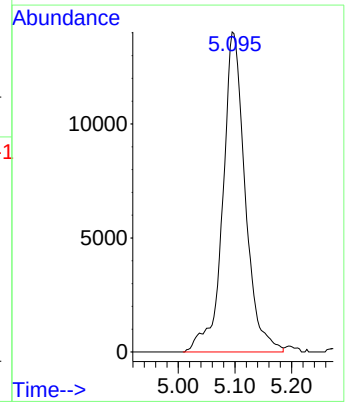
Ion	Ratio	Lower	Upper
83	100		
85	84.8	45.1	83.7#

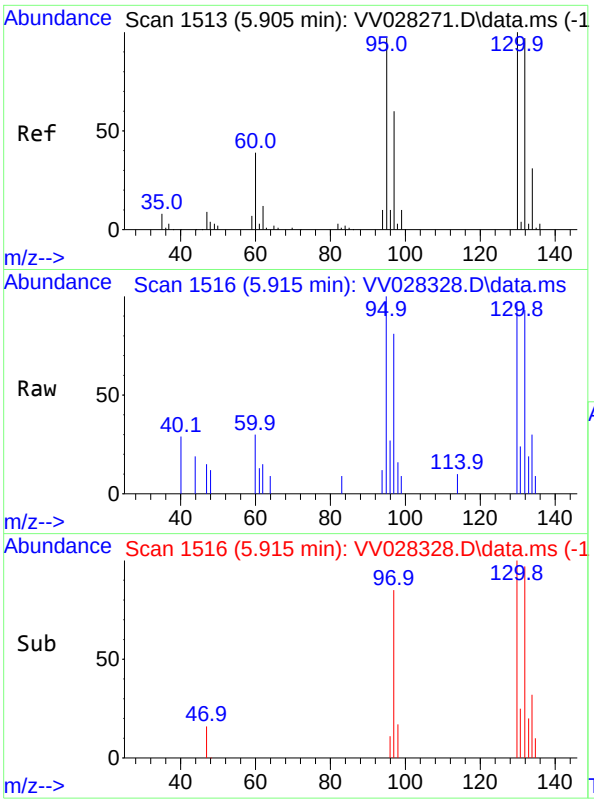




#33
Benzene
Concen: 0.715 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Tgt Ion: 78 Resp: 38524



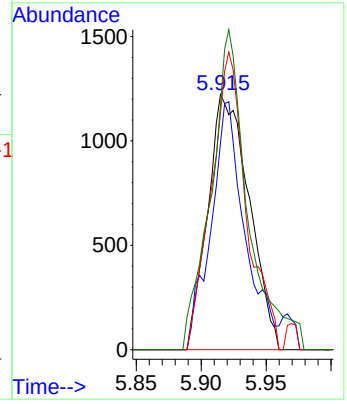


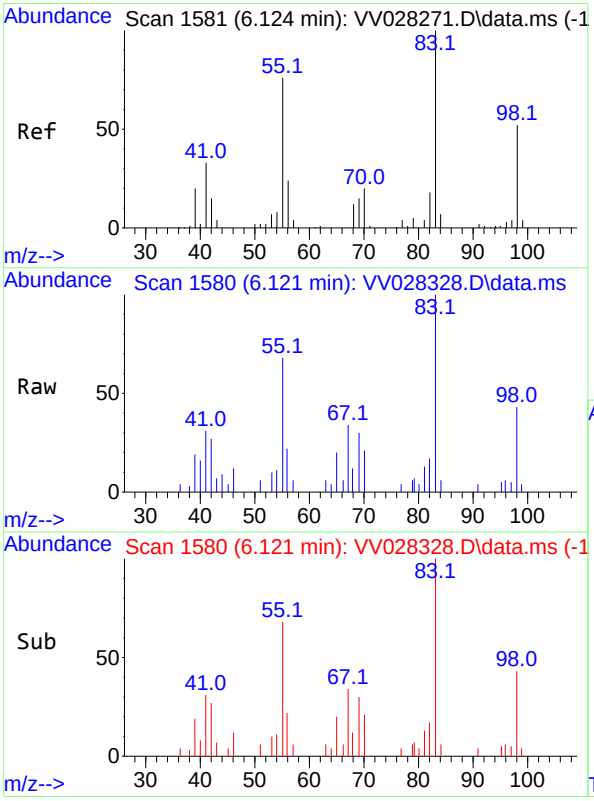
#34
Trichloroethene
Concen: 0.200 ug/L
RT: 5.915 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :

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

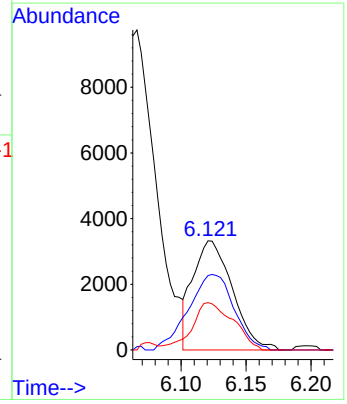


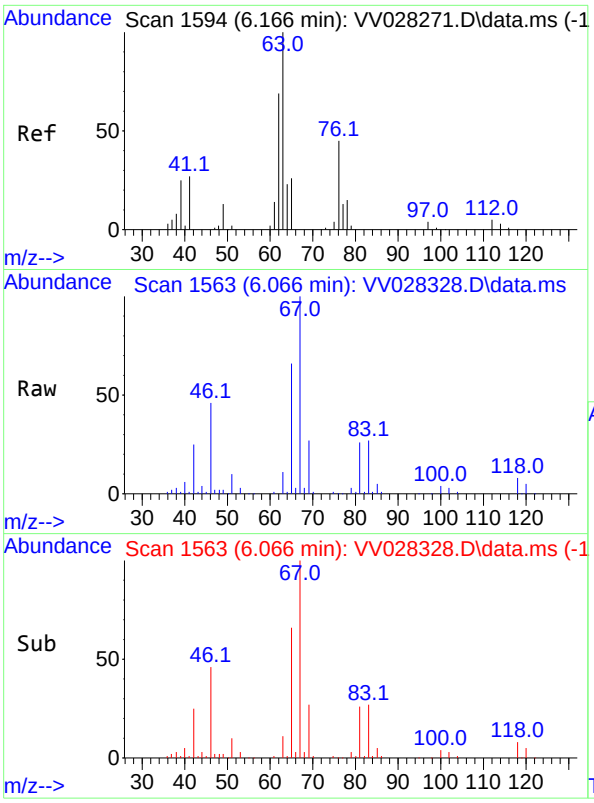


#35
Methylcyclohexane
Concen: 0.319 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. -0.003 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

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



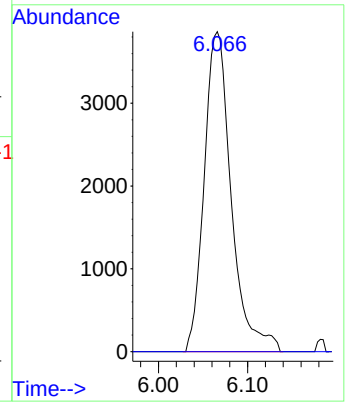


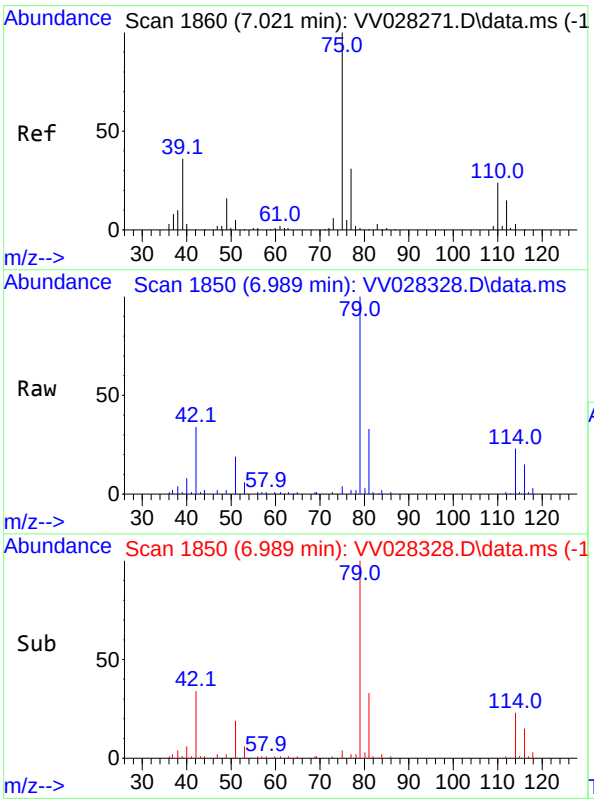
#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 8142

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

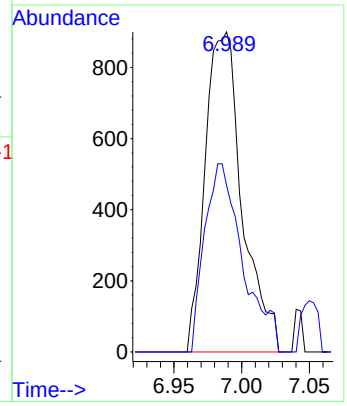


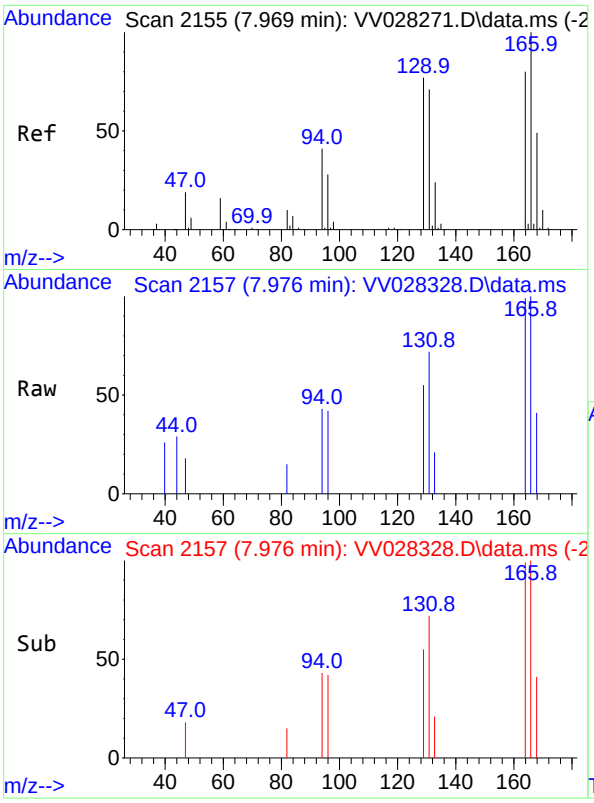


#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Tgt Ion: 75 Resp: 1710

Ion	Ratio	Lower	Upper
75	100		
77	52.1	22.4	41.6#



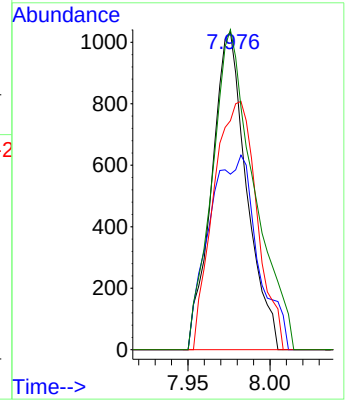


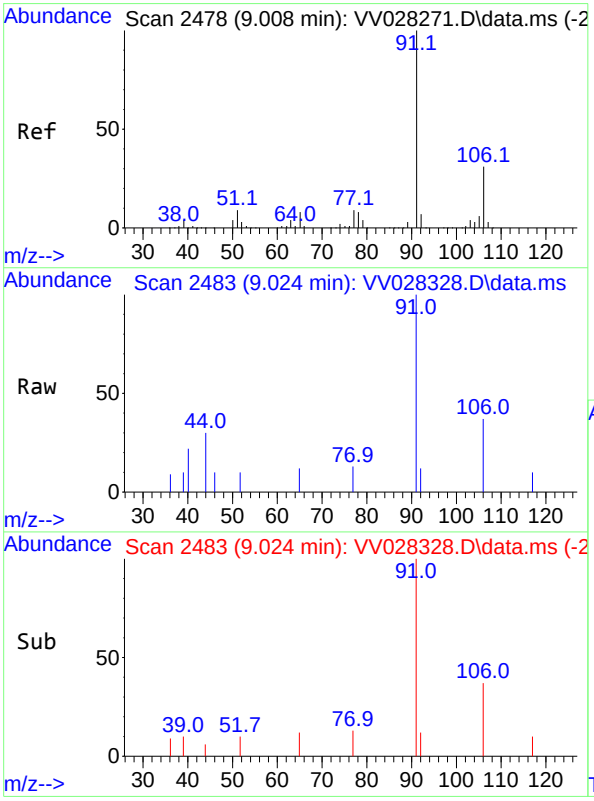
#47
Tetrachloroethene
Concen: 0.130 ug/L
RT: 7.976 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :

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

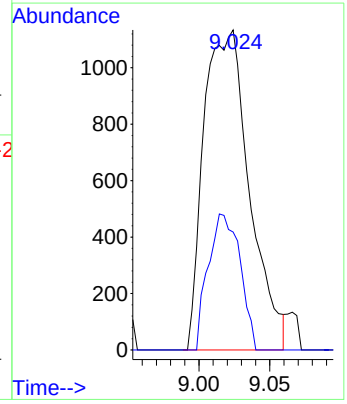


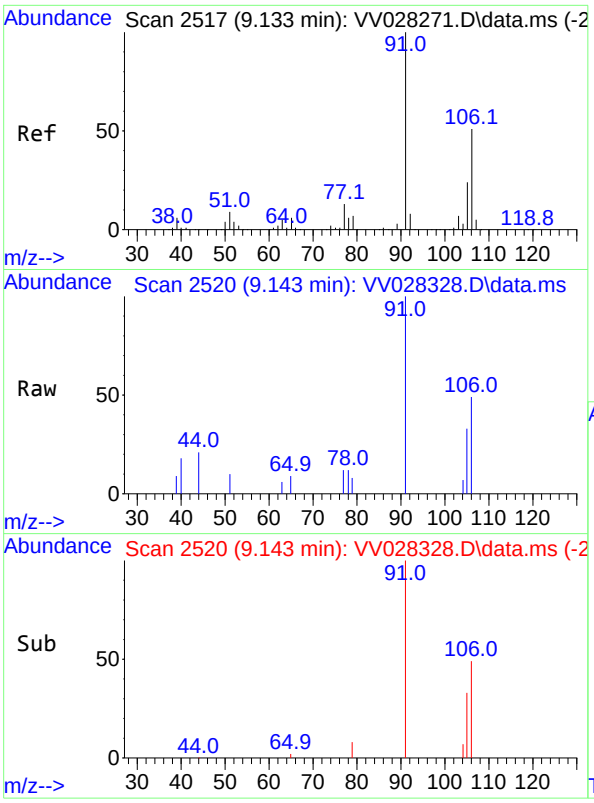


#52
Ethylbenzene
Concen: 0.042 ug/L
RT: 9.024 min Scan# 2483
Delta R.T. 0.016 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Tgt Ion: 91 Resp: 2532

Ion	Ratio	Lower	Upper
91	100		
106	36.9	21.5	39.9



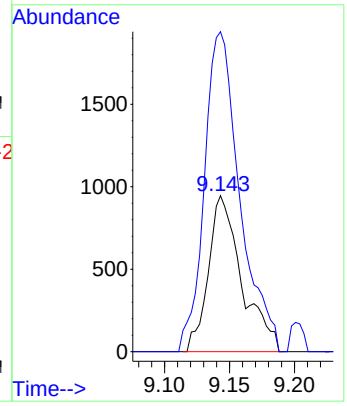


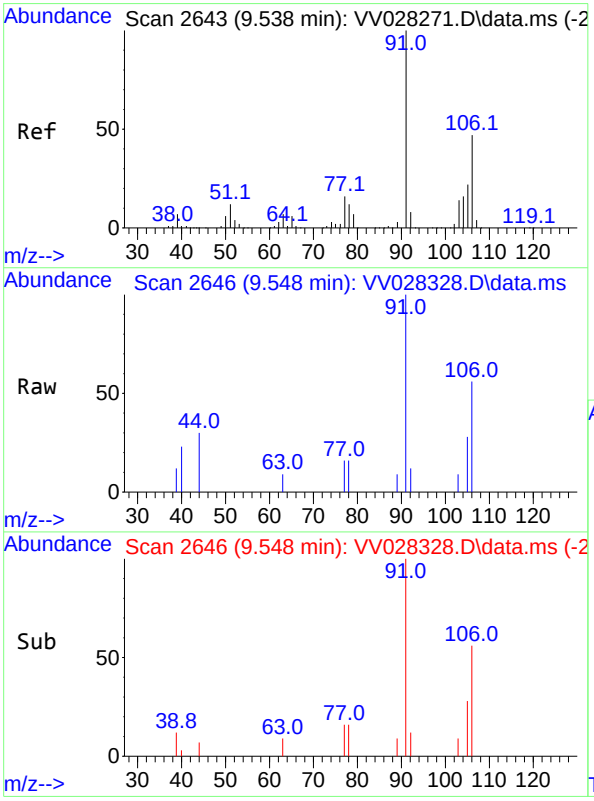
#53
m,p-Xylene
Concen: 0.071 ug/L
RT: 9.143 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1689

Ion	Ratio	Lower	Upper
106	100		
91	205.1	141.9	263.5

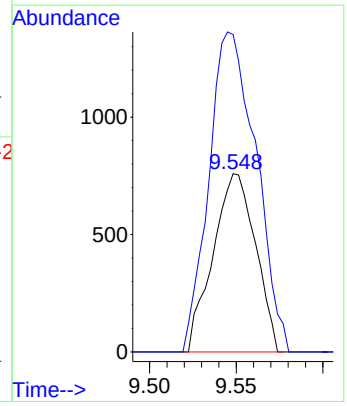


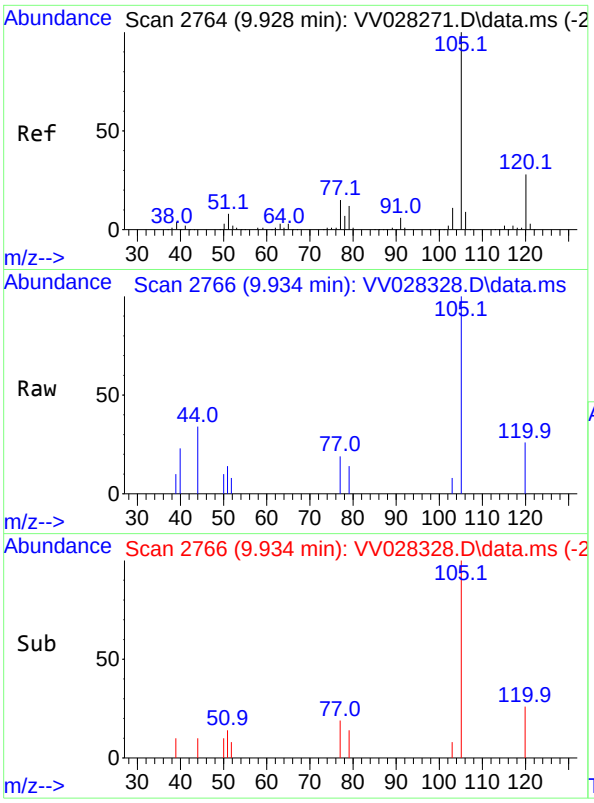


#54
o-Xylene
Concen: 0.058 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.007 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Tgt Ion:106 Resp: 1294

Ion	Ratio	Lower	Upper
106	100		
91	178.1	148.1	275.0



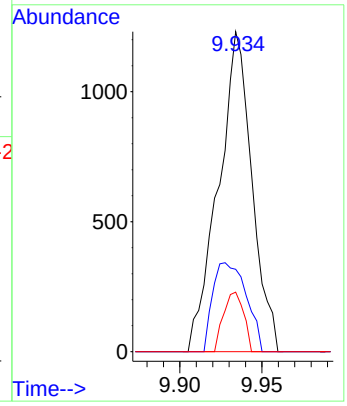


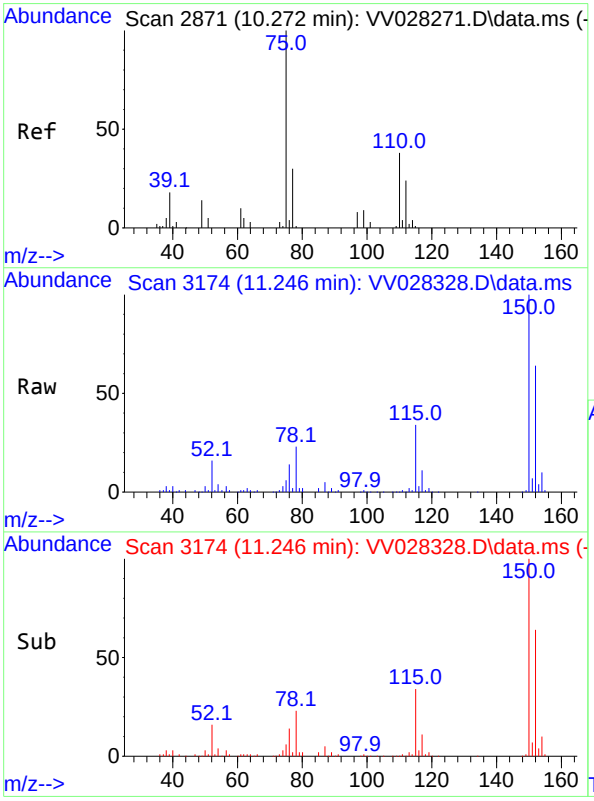
#60
Isopropylbenzene
Concen: 0.033 ug/L
RT: 9.934 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 1748

Ion	Ratio	Lower	Upper
105	100		
120	27.7	21.4	32.0
77	11.2	12.2	18.4#

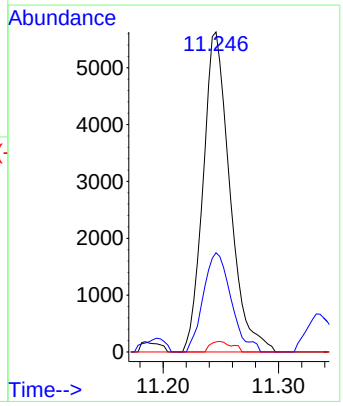


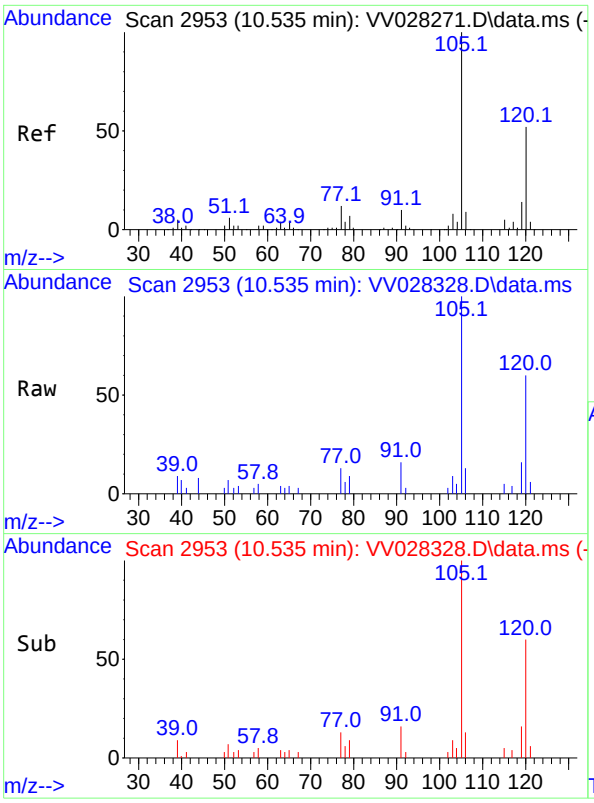


#61
1,2,3-Trichloropropane
Concen: 1.340 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.975 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Tgt Ion: 75 Resp: 9049

Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.7	40.1
110	2.7	30.1	45.1#



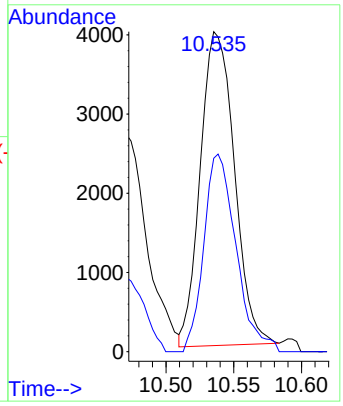


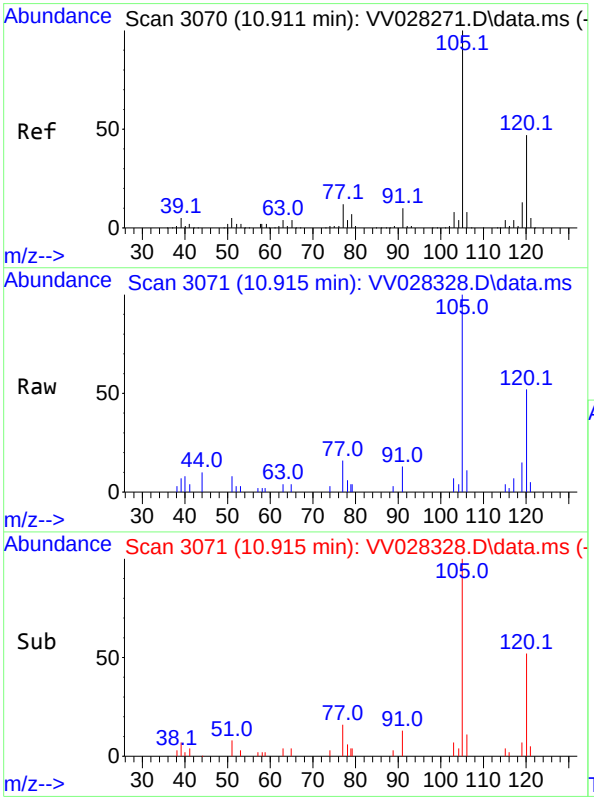
#62
1,3,5-Trimethylbenzene
Concen: 0.455 ug/L
RT: 10.535 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 6925

Ion	Ratio	Lower	Upper
105	100		
120	59.5	40.6	61.0

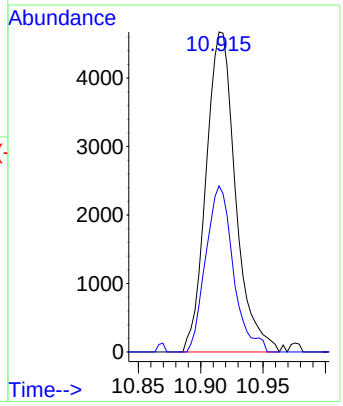


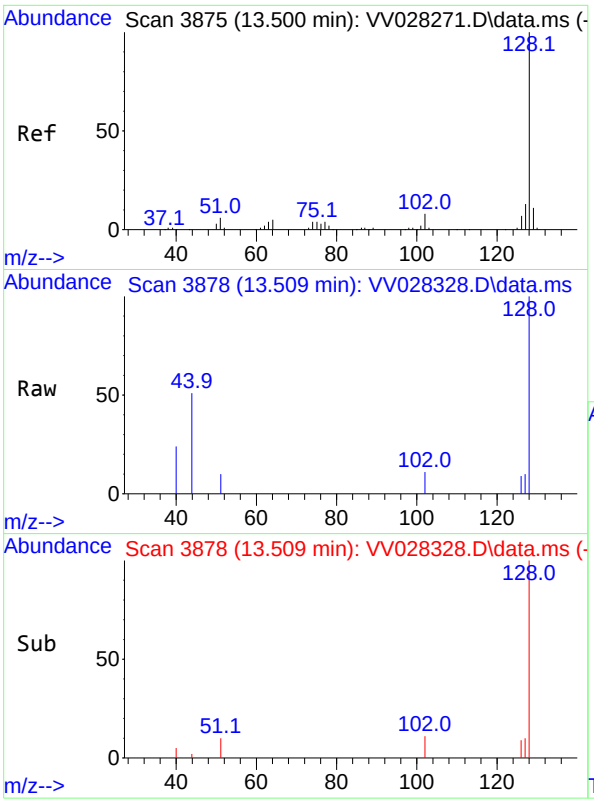


#63
1,2,4-Trimethylbenzene
Concen: 0.178 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Tgt Ion:105 Resp: 7683

Ion	Ratio	Lower	Upper
105	100		
120	48.5	37.8	56.8



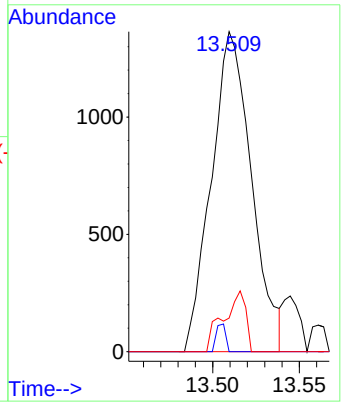


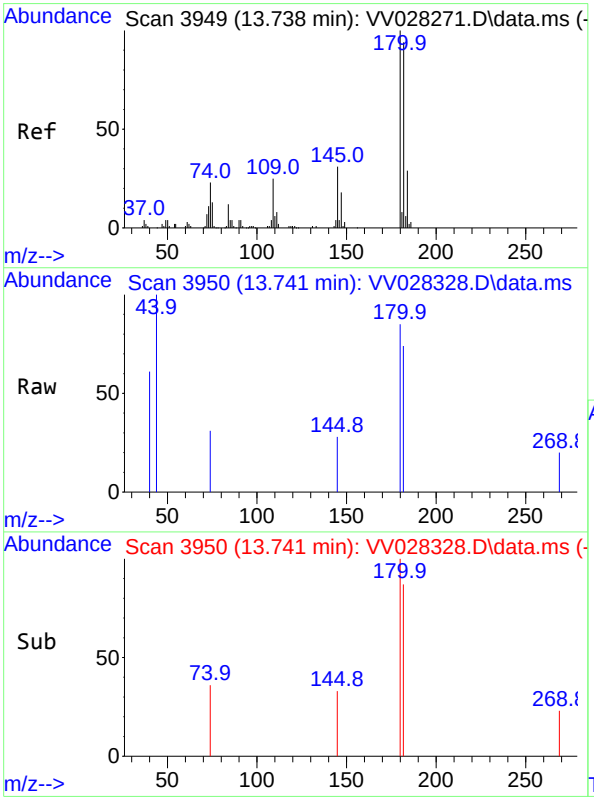
#71
Naphthalene
Concen: 0.089 ug/L
RT: 13.509 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 2196

Ion	Ratio	Lower	Upper
128	100		
129	2.0	8.2	12.2#
127	10.6	10.4	15.6





#72
1,2,3-Trichlorobenzene
Concen: 0.053 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV028328.D
Acq: 04 Oct 2022 14:40

Tgt Ion:180 Resp: 759

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.4	116.0#
145	10.3	24.6	36.8#