Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028225.D
Acq On : 30 Sep 2022 14:27
Operator : SY/MD
Sample : N4866-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXFQ5

Quant Time: Sep 30 22:58:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	102153	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	103755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	47842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	35399	3.343	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.800%			
7) Chloroethane-d5	1.561	69	30141	3.580	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.600%			
11) 1,1-Dichloroethene-d2	2.101	63	40272	2.192	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 43.800%#			
20) 2-Butanone-d5	3.886	46	165874	92.774	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 185.540%#			
24) Chloroform-d	4.346	84	78042	4.618	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.400%			
26) 1,2-Dichloroethane-d4	5.027	65	45451	5.652	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.000%			
32) Benzene-d6	5.046	84	137036	4.028	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.600%			
36) 1,2-Dichloropropane-d6	6.066	67	46906	4.423	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.400%			
41) Toluene-d8	7.313	98	100428	3.261	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 65.200%#			
43) trans-1,3-Dichloroprop...	7.625	79	14516	3.789	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.800%			
46) 2-Hexanone-d5	8.085	63	137884	86.233	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 172.460%#			
56) 1,1,2,2-Tetrachloroeth...	10.213	84	53017	7.313	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 146.200%#			
66) 1,2-Dichlorobenzene-d4	11.622	152	49119	5.234	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.600%			
Target Compounds						Qvalue
3) Chloromethane	1.236	50	838	0.083	ug/L	98
5) Vinyl chloride	1.307	62	832376	105.078	ug/L	99
6) Bromomethane	1.516	94	1054	0.204	ug/L	81
8) Chloroethane	1.429	64	69127	13.013	ug/L #	50
12) 1,1-Dichloroethene	2.108	96	1039	0.147	ug/L #	1
14) Carbon disulfide	2.288	76	2723	0.201	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	4248	0.687	ug/L	91
22) cis-1,2-Dichloroethene	3.902	96	597524	73.687	ug/L	93
30) Cyclohexane	4.673	56	1432	0.155	ug/L #	74
33) Benzene	5.101	78	17944	0.623	ug/L	100
35) Methylcyclohexane	6.066	83	12219	1.242	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	5203	0.644	ug/L #	87
39) cis-1,3-Dichloropropene	6.985	75	883	0.088	ug/L #	64
61) 1,2,3-Trichloropropane	11.246	75	4940	1.231	ug/L #	66

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

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Acq On : 30 Sep 2022 14:27
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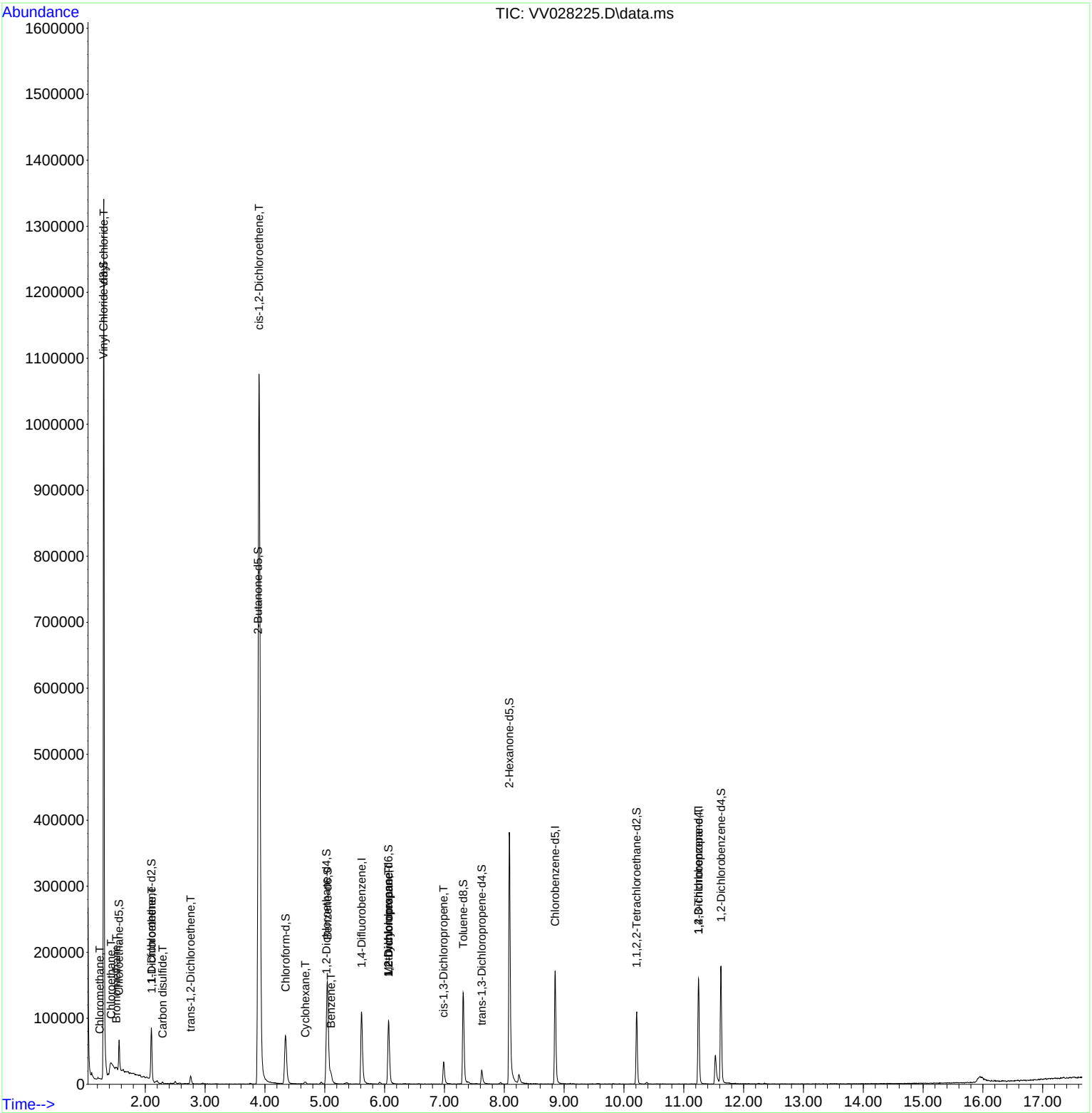
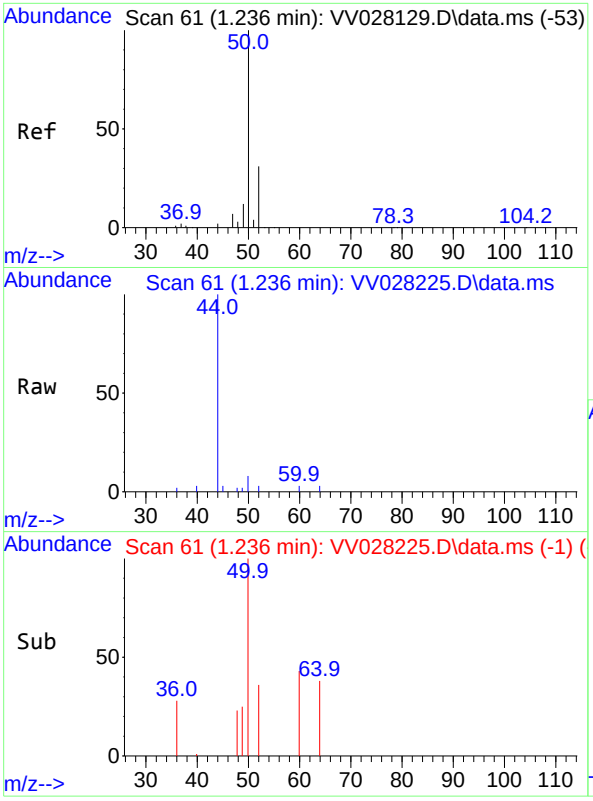
EXFQ5

Quant Time: Sep 30 22:58:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration



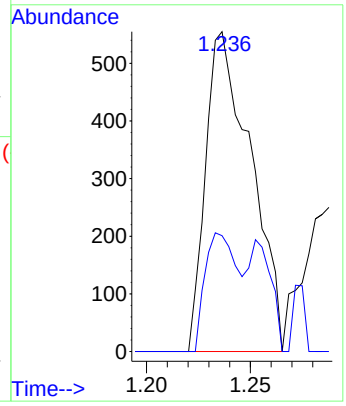


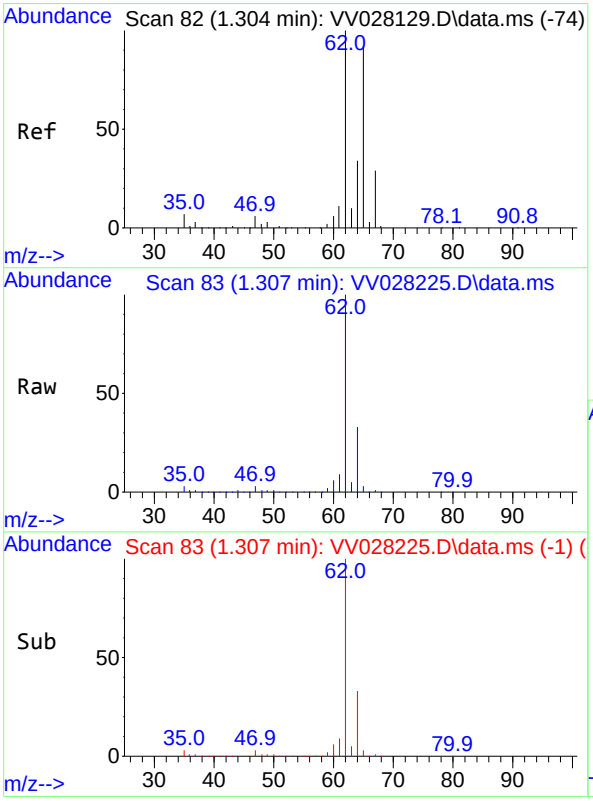
#3
Chloromethane
Concen: 0.083 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Instrument :
MSVOA_V
ClientSampleId :
EXFQ5

Tgt Ion: 50 Resp: 838

Ion	Ratio	Lower	Upper
50	100		
52	36.2	24.4	45.2

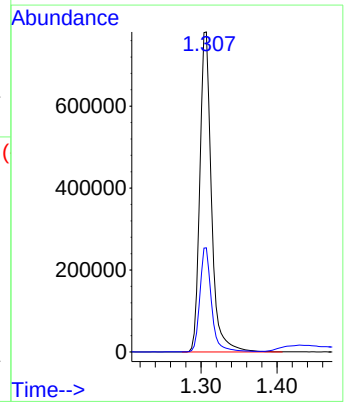


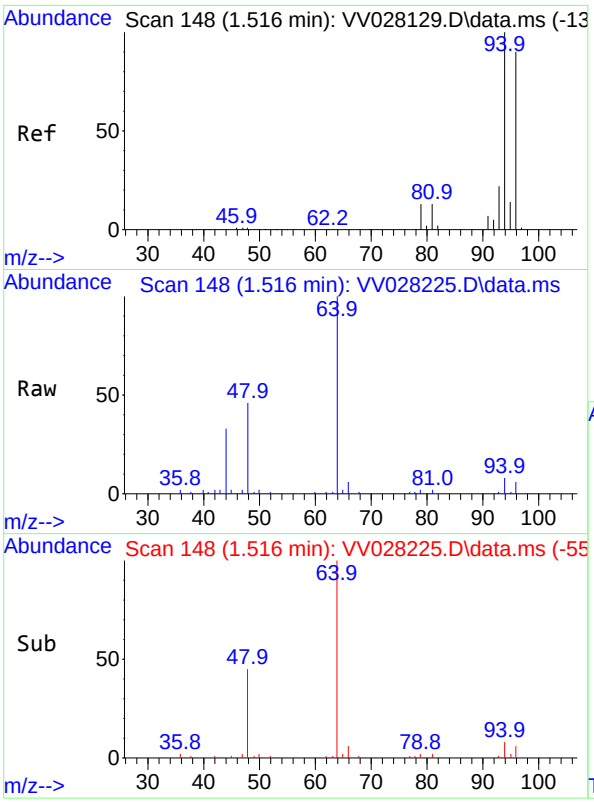


#5
Vinyl chloride
Concen: 105.078 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Tgt Ion: 62 Resp: 832376

Ion	Ratio	Lower	Upper
62	100		
64	32.6	23.0	42.8



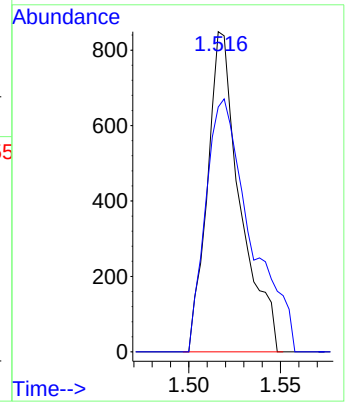


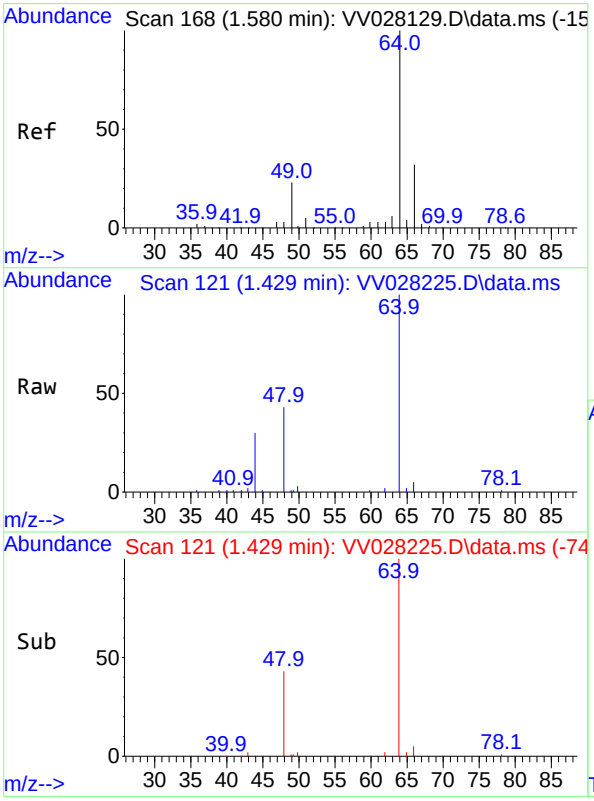
#6
Bromomethane
Concen: 0.204 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.000 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Instrument :
MSVOA_V
ClientSampleId :
EXFQ5

Tgt Ion: 94 Resp: 1054

Ion	Ratio	Lower	Upper
94	100		
96	76.4	66.7	123.9

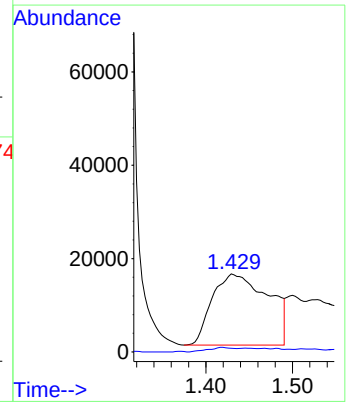


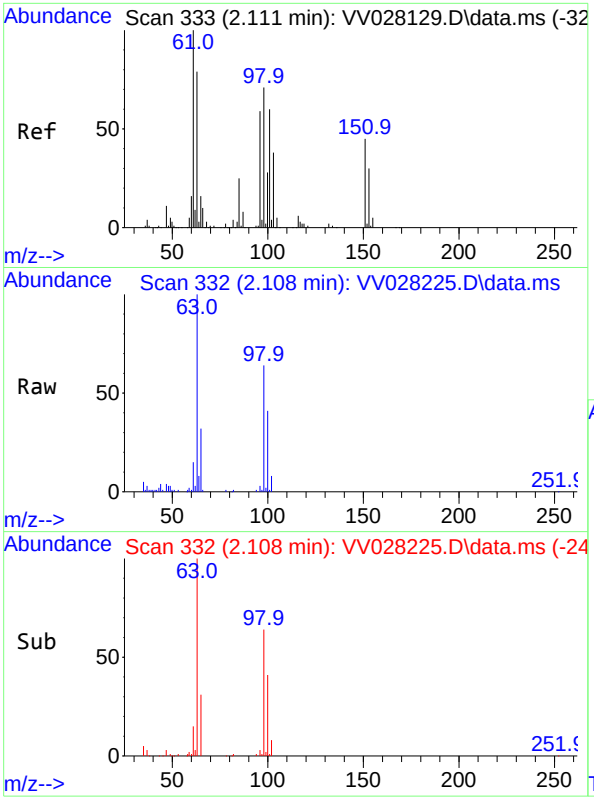


#8
Chloroethane
Concen: 13.013 ug/L
RT: 1.429 min Scan# 121
Delta R.T. -0.148 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Tgt Ion: 64 Resp: 69127

Ion	Ratio	Lower	Upper
64	100		
66	4.7	23.0	42.8#



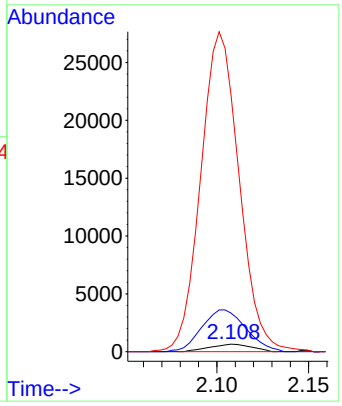


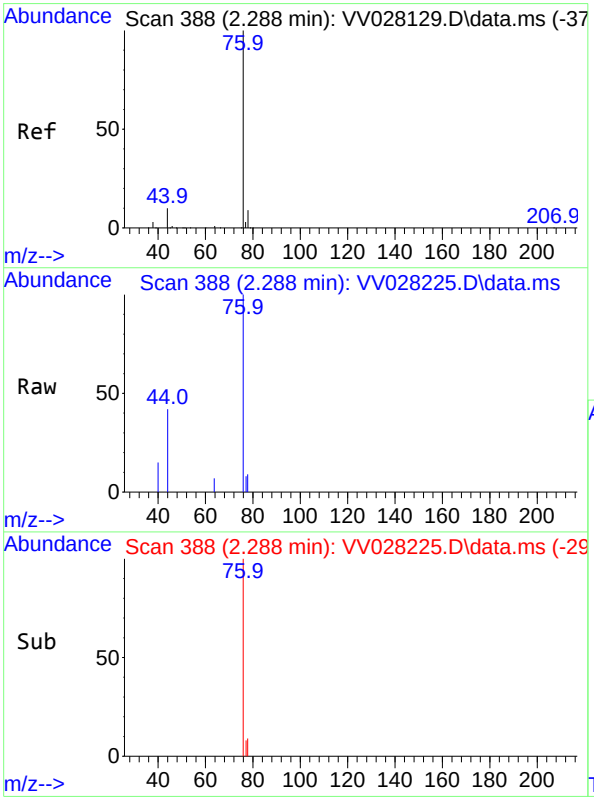
#12
1,1-Dichloroethene
Concen: 0.147 ug/L
RT: 2.108 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Instrument :
MSVOA_V
ClientSampleId :
EXFQ5

Tgt Ion: 96 Resp: 1039

Ion	Ratio	Lower	Upper
96	100		
61	515.5	128.3	238.3#
63	3436.2	112.7	209.3#

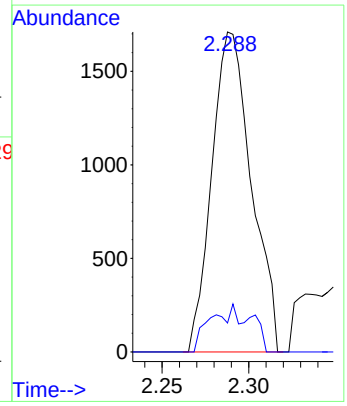


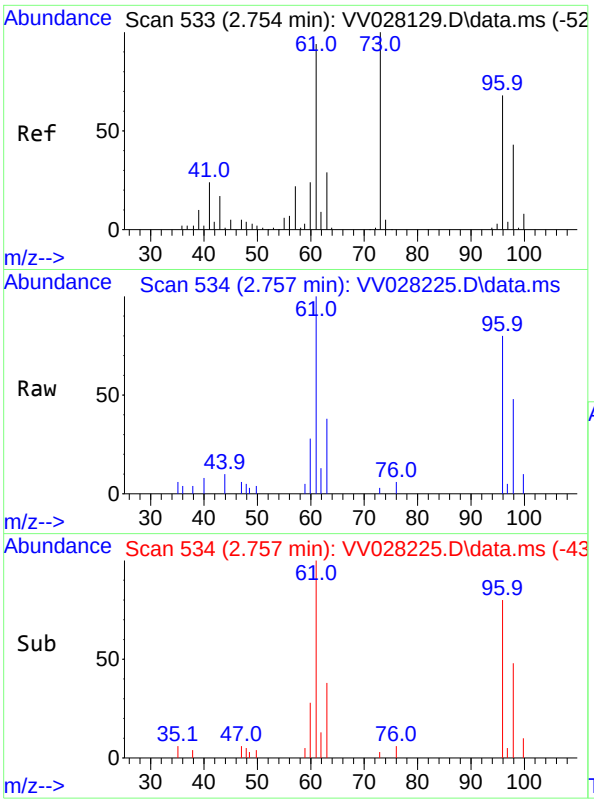


#14
Carbon disulfide
Concen: 0.201 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Tgt Ion: 76 Resp: 2723

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.6	11.4



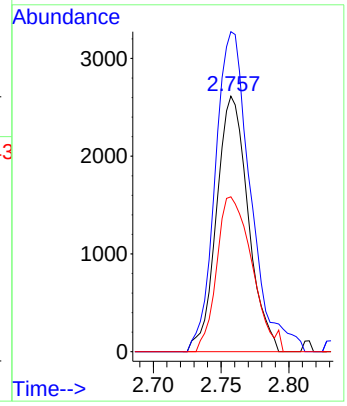


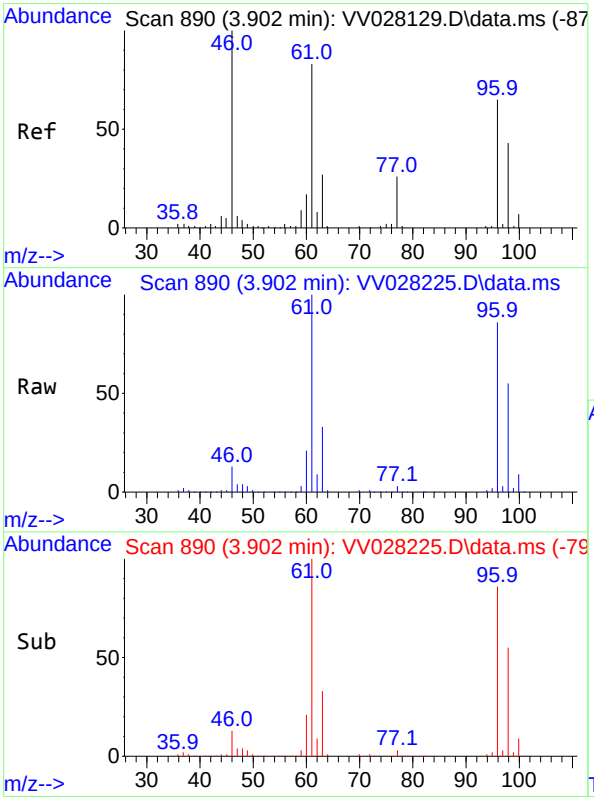
#18
trans-1,2-Dichloroethene
Concen: 0.687 ug/L
RT: 2.757 min Scan# 5
Delta R.T. 0.006 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Instrument :
MSVOA_V
ClientSampleId :
EXFQ5

Tgt Ion: 96 Resp: 4248

Ion	Ratio	Lower	Upper
96	100		
61	125.2	96.2	178.6
98	60.6	45.7	84.9

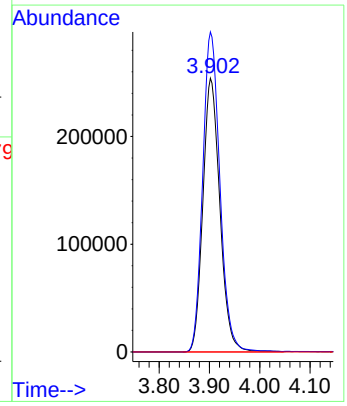


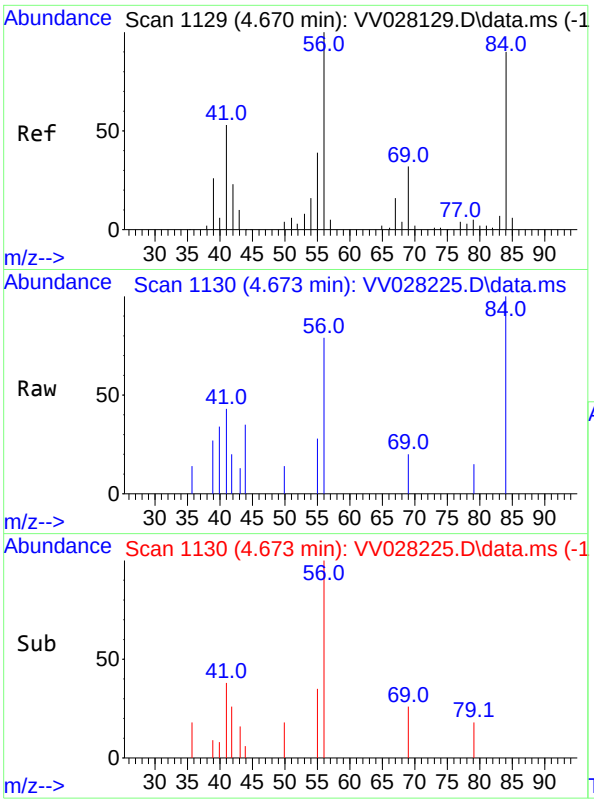


#22
cis-1,2-Dichloroethene
Concen: 73.687 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Tgt Ion: 96 Resp: 597524

Ion	Ratio	Lower	Upper
96	100		
61	116.9	87.2	161.9
68	0.0	0.0	0.0



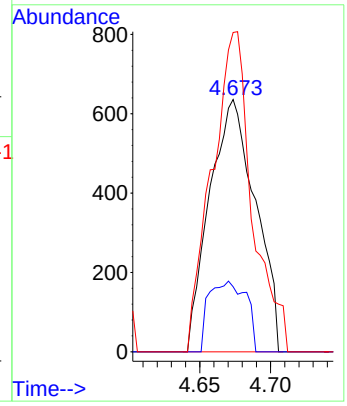


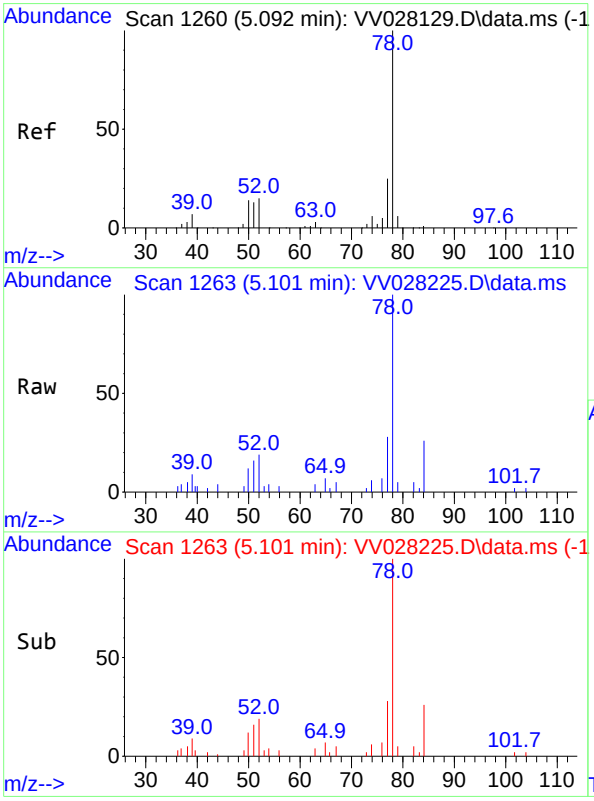
#30
Cyclohexane
Concen: 0.155 ug/L
RT: 4.673 min Scan# 11
Delta R.T. 0.009 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Instrument :
MSVOA_V
ClientSampleId :
EXFQ5

Tgt Ion: 56 Resp: 1432

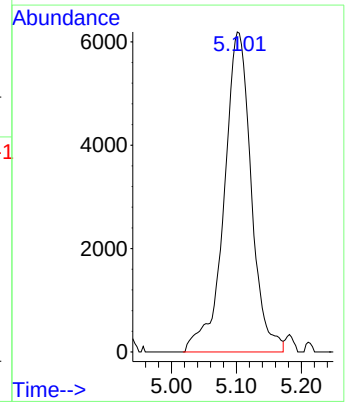
Ion	Ratio	Lower	Upper
56	100		
69	22.6	23.7	35.5#
84	111.7	67.3	100.9#

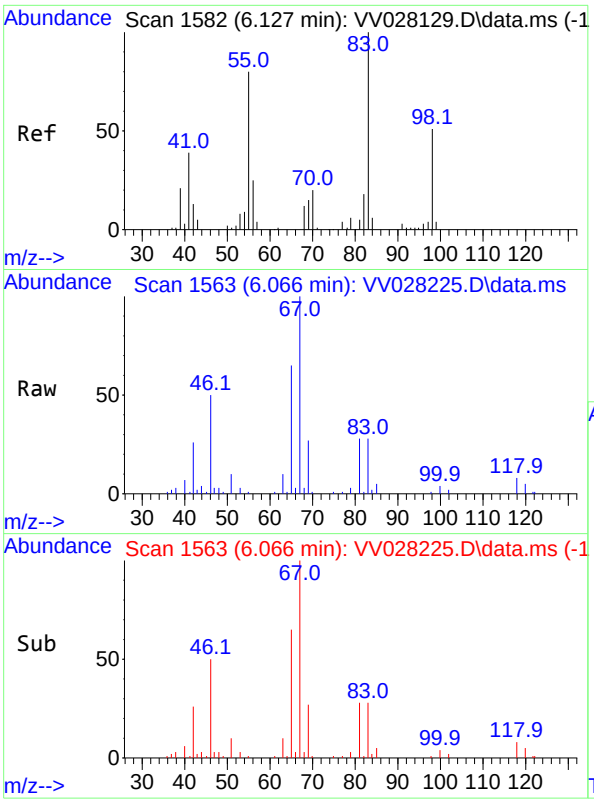




#33
Benzene
Concen: 0.623 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.013 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Tgt Ion: 78 Resp: 17944



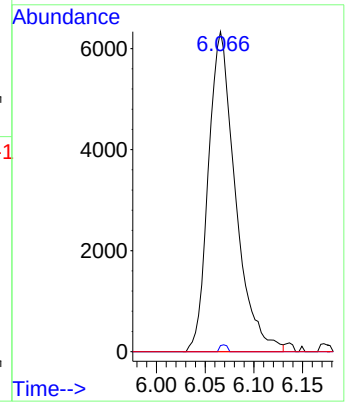


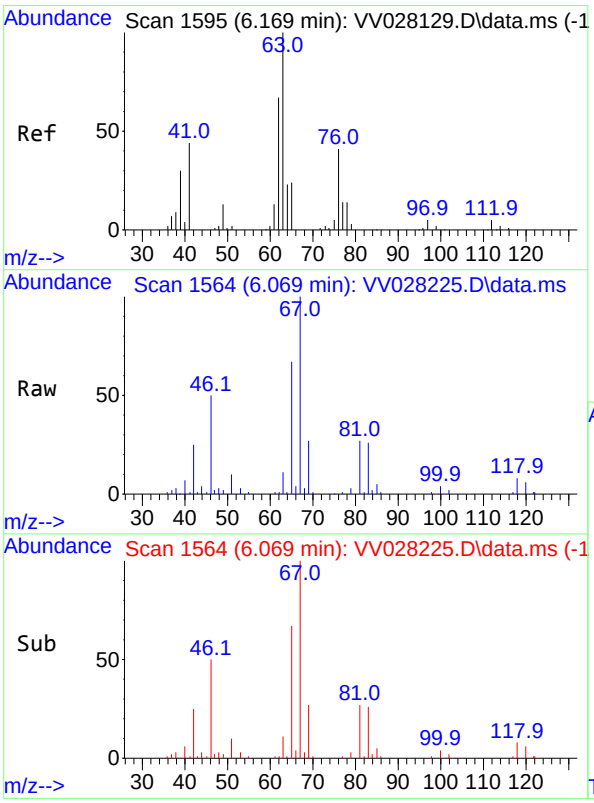
#35
Methylcyclohexane
Concen: 1.242 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.055 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Instrument :
MSVOA_V
ClientSampleId :
EXFQ5

Tgt Ion: 83 Resp: 12219

Ion	Ratio	Lower	Upper
83	100		
55	0.6	64.7	97.1#
98	0.6	39.5	59.3#

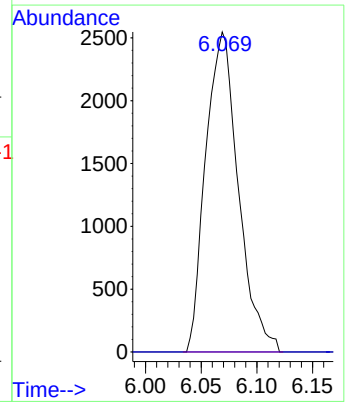


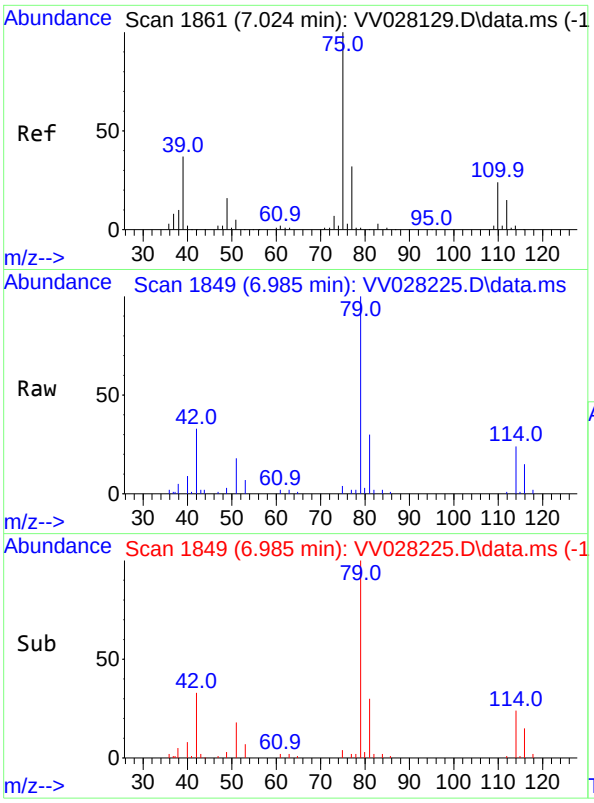


#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.097 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Tgt Ion: 63 Resp: 5203

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



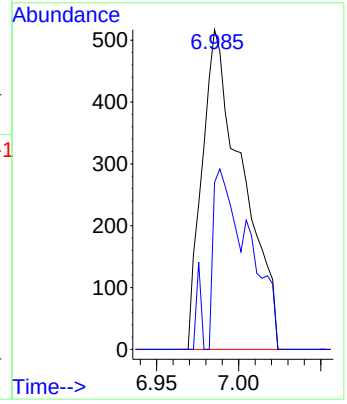


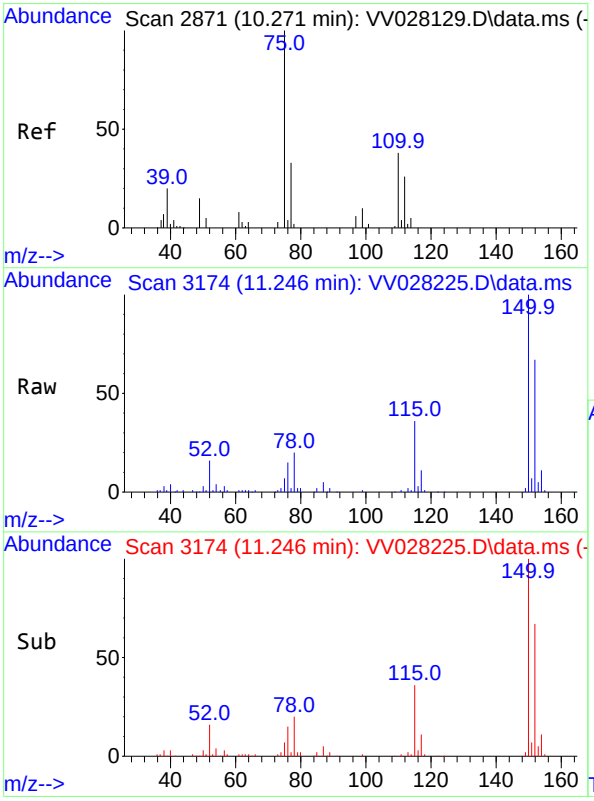
#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 6.985 min Scan# 1
Delta R.T. -0.036 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Instrument :
MSVOA_V
ClientSampleId :
EXFQ5

Tgt Ion: 75 Resp: 883

Ion	Ratio	Lower	Upper
75	100		
77	52.2	22.4	41.6#





#61
1,2,3-Trichloropropane
Concen: 1.231 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Tgt Ion: 75 Resp: 4940

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.7	40.1
110	0.4	30.1	45.1#