Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028233.D
Acq On : 30 Sep 2022 17:47
Operator : SY/MD
Sample : N4873-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ51

Quant Time: Sep 30 23:01:04 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	5.609	114	161827	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	74011	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	65357	3.896	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.000%			
7) Chloroethane-d5	1.561	69	59148	4.434	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.600%			
11) 1,1-Dichloroethene-d2	2.098	63	96263	3.308	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.200%			
20) 2-Butanone-d5	3.896	46	128627	45.413	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.820%			
24) Chloroform-d	4.339	84	134973	5.042	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.800%			
26) 1,2-Dichloroethane-d4	5.024	65	61525	4.830	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.600%			
32) Benzene-d6	5.043	84	256792	4.908	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.200%			
36) 1,2-Dichloropropane-d6	6.063	67	74552	4.571	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.400%			
41) Toluene-d8	7.310	98	211816	4.473	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.400%			
43) trans-1,3-Dichloroprop...	7.622	79	24060	4.084	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.600%			
46) 2-Hexanone-d5	8.085	63	110232	44.830	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.660%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52279	4.689	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.800%			
66) 1,2-Dichlorobenzene-d4	11.622	152	77651	5.349	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.000%			
Target Compounds						Qvalue
3) Chloromethane	1.237	50	792	0.049	ug/L #	66
5) Vinyl chloride	1.307	62	663	0.053	ug/L #	1
6) Bromomethane	1.516	94	687	0.084	ug/L	87
8) Chloroethane	1.407	64	230169	27.352	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1306	0.114	ug/L #	21
12) 1,1-Dichloroethene	2.101	96	929	0.083	ug/L #	1
14) Carbon disulfide	2.285	76	1680	0.078	ug/L #	74
25) Chloroform	4.368	83	89965	3.926	ug/L	98
35) Methylcyclohexane	6.063	83	19386	1.282	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8049	0.648	ug/L #	87
38) Bromodichloromethane	6.513	83	2087	0.136	ug/L #	75
39) cis-1,3-Dichloropropene	6.986	75	1897	0.123	ug/L #	66
42) Toluene	7.387	91	19433	0.420	ug/L	93
61) 1,2,3-Trichloropropane	11.246	75	7514	1.211	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.918	105	687	0.056	ug/L	93

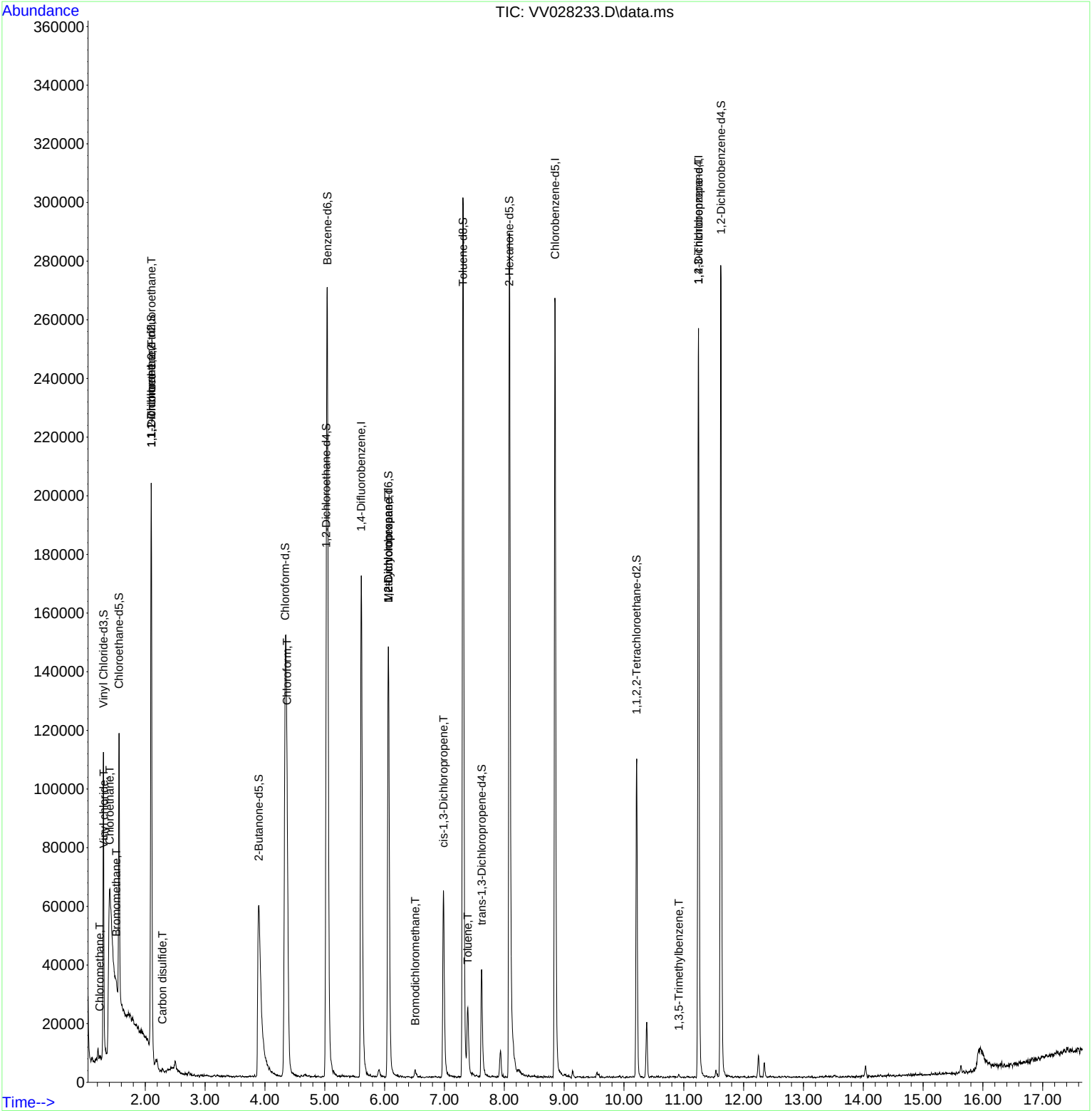
(#) = qualifier out of range (m) = manual integration (+) = signals summed

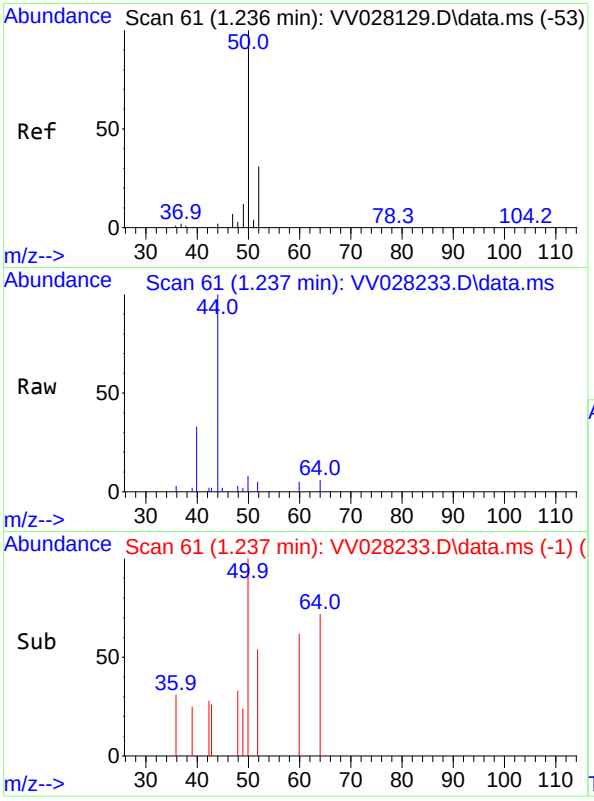
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028233.D
Acq On : 30 Sep 2022 17:47
Operator : SY/MD
Sample : N4873-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ51

Quant Time: Sep 30 23:01:04 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



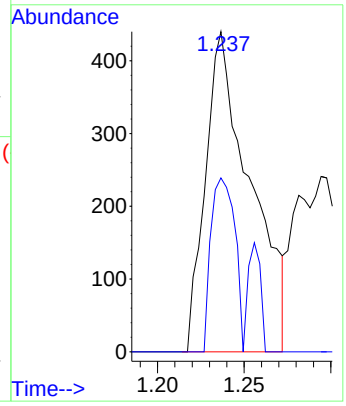


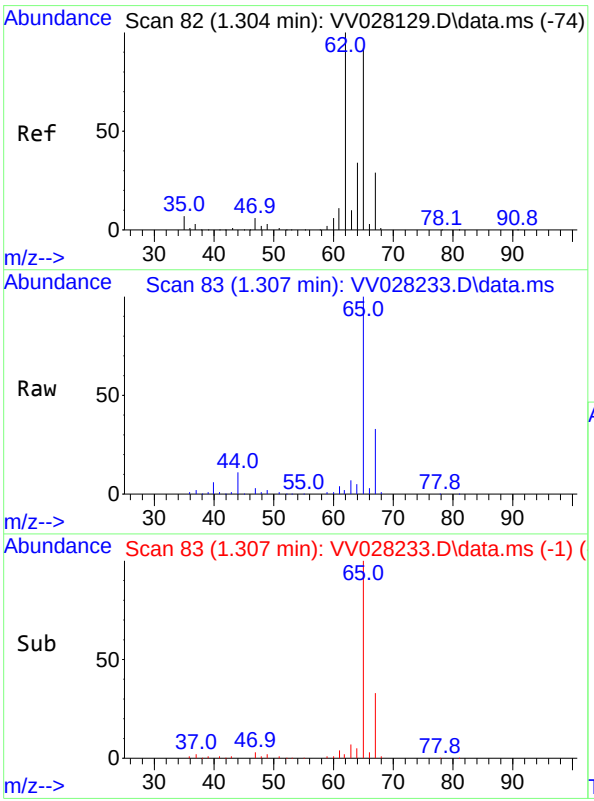
#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Instrument :
MSVOA_V
ClientSampleId :
EXZ51

Tgt Ion: 50 Resp: 792

Ion	Ratio	Lower	Upper
50	100		
52	54.3	24.4	45.2#

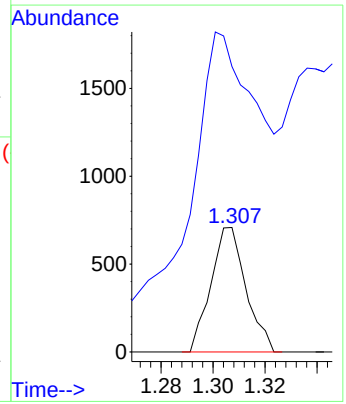


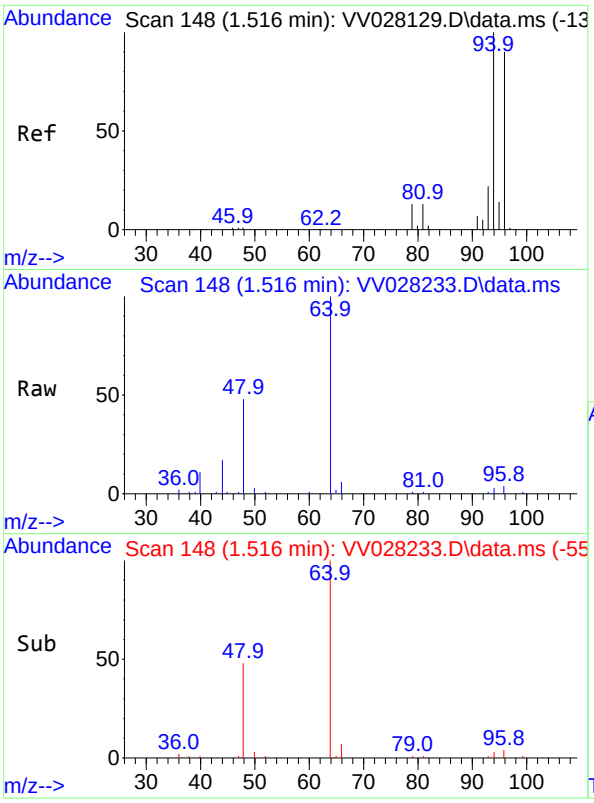


#5
Vinyl chloride
Concen: 0.053 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Tgt Ion: 62 Resp: 663

Ion	Ratio	Lower	Upper
62	100		
64	229.4	23.0	42.8#



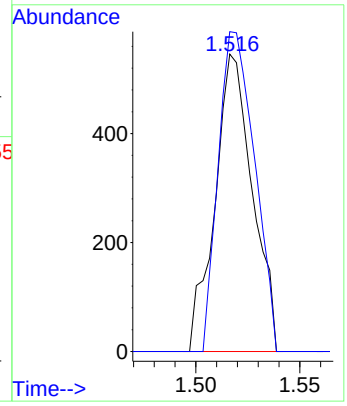


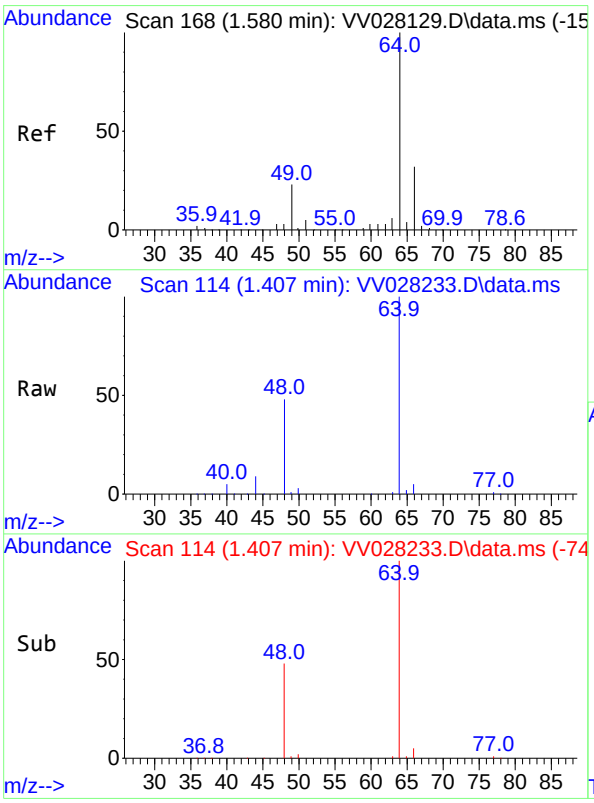
#6
Bromomethane
Concen: 0.084 ug/L
RT: 1.516 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Instrument :
MSVOA_V
ClientSampleId :
EXZ51

Tgt Ion: 94 Resp: 687

Ion	Ratio	Lower	Upper
94	100		
96	107.5	66.7	123.9

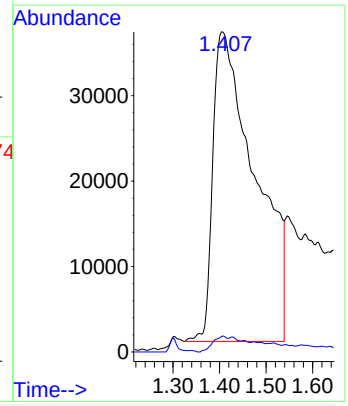


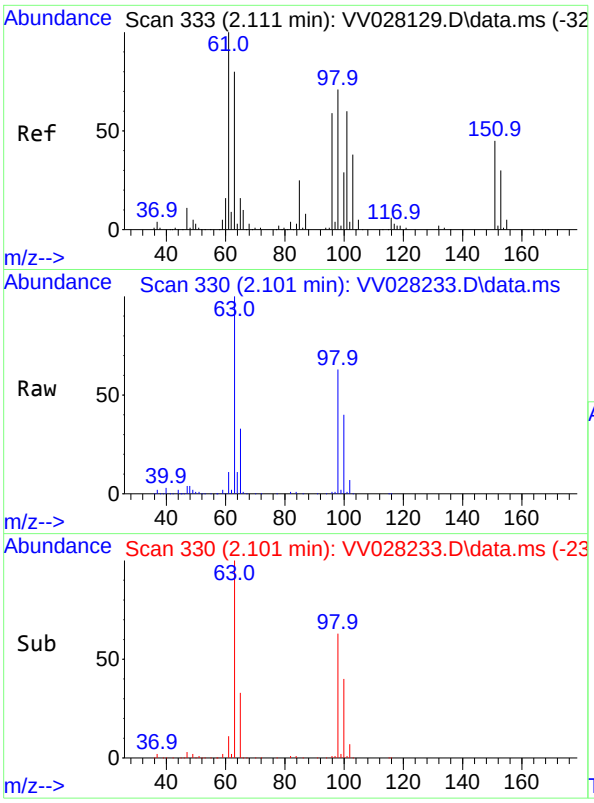


#8
Chloroethane
Concen: 27.352 ug/L
RT: 1.407 min Scan# 114
Delta R.T. -0.170 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Tgt Ion: 64 Resp: 230169

Ion	Ratio	Lower	Upper
64	100		
66	5.0	23.0	42.8#



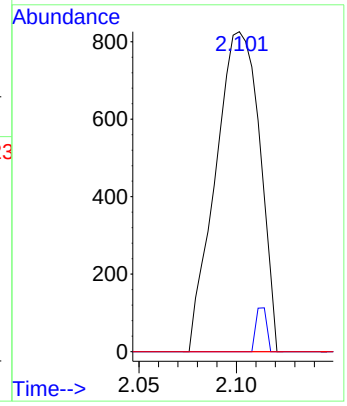


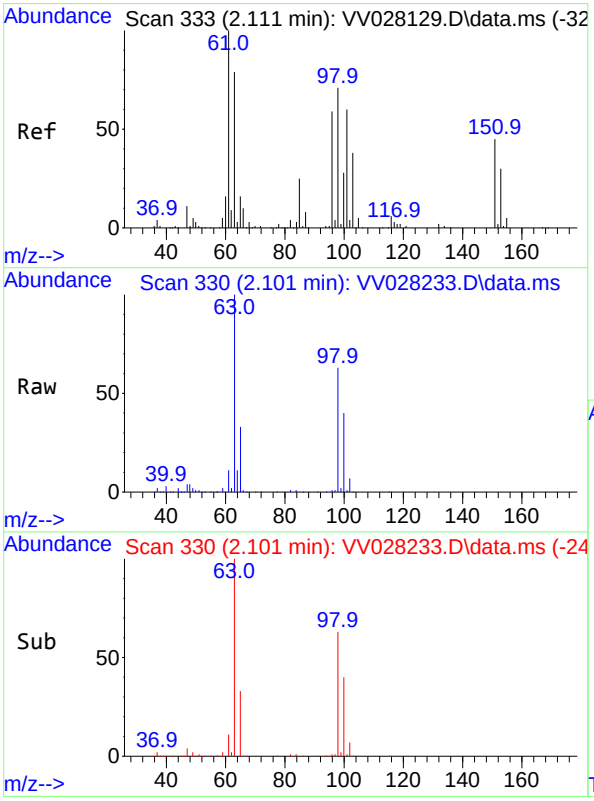
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.114 ug/L
RT: 2.101 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Instrument :
MSVOA_V
ClientSampleId :
EXZ51

Tgt Ion:101 Resp: 1306

Ion	Ratio	Lower	Upper
101	100		
85	3.3	34.4	51.6#
151	0.0	61.1	91.7#

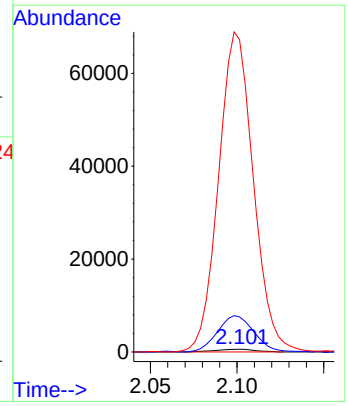


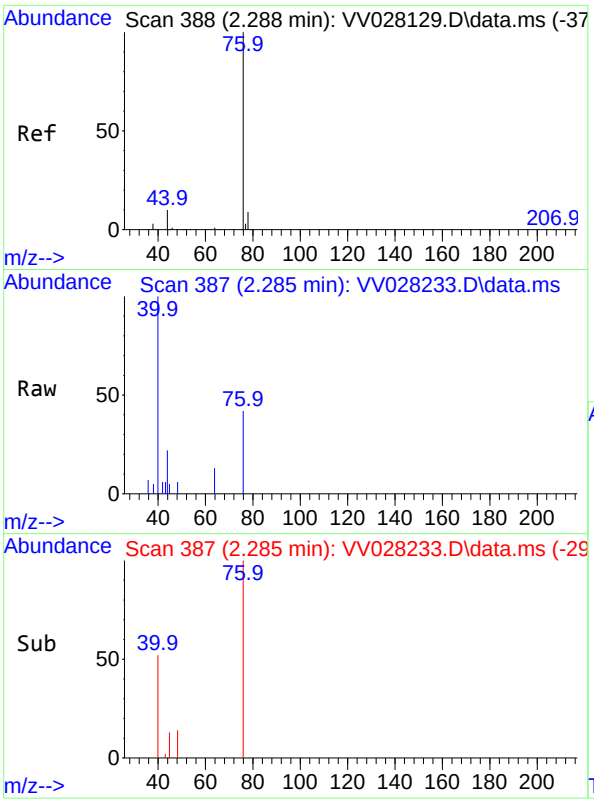


#12
1,1-Dichloroethene
Concen: 0.083 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.010 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Tgt Ion: 96 Resp: 929

Ion	Ratio	Lower	Upper
96	100		
61	1264.9	128.3	238.3#
63	11248.2	112.7	209.3#



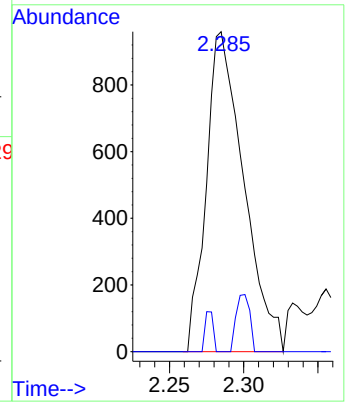


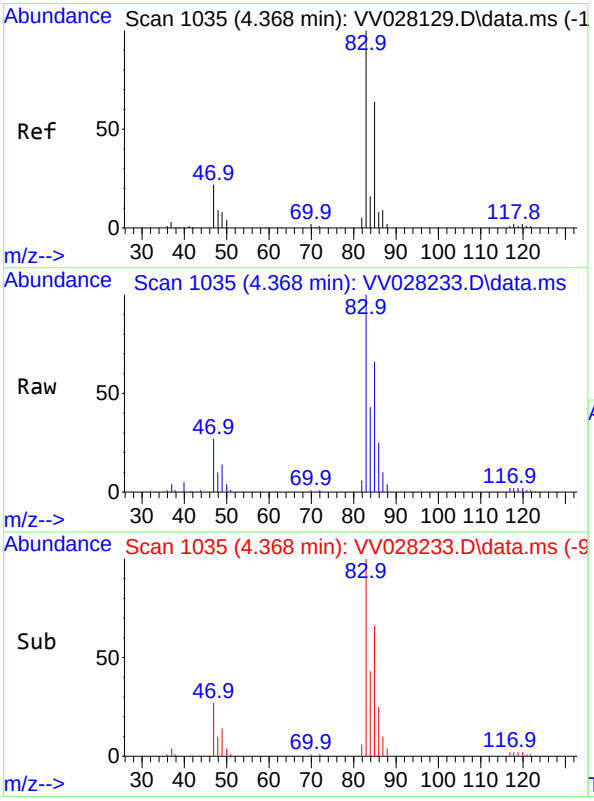
#14
Carbon disulfide
Concen: 0.078 ug/L
RT: 2.285 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Instrument :
MSVOA_V
ClientSampleId :
EXZ51

Tgt Ion: 76 Resp: 1680

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#

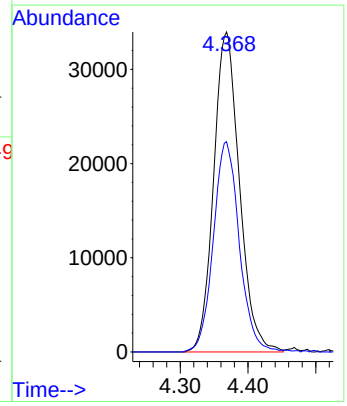


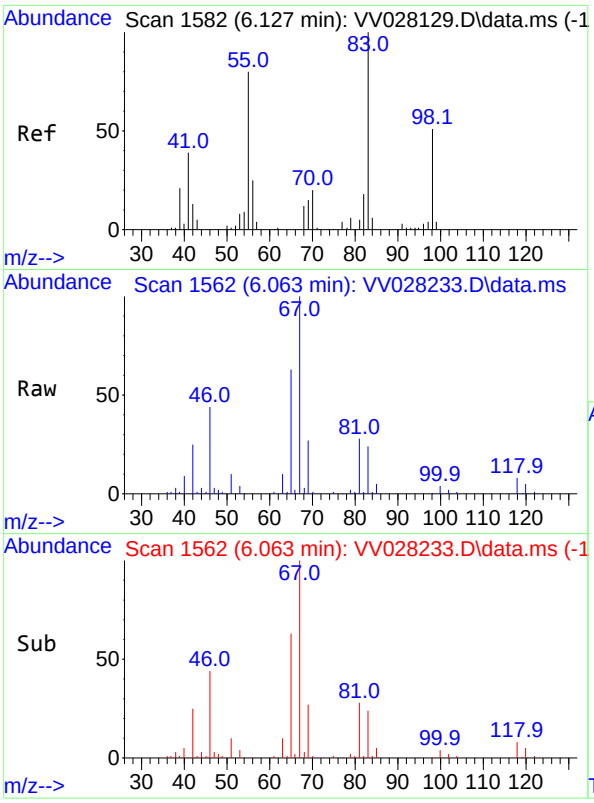


#25
Chloroform
Concen: 3.926 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Tgt Ion: 83 Resp: 89965

Ion	Ratio	Lower	Upper
83	100		
85	65.7	45.1	83.7



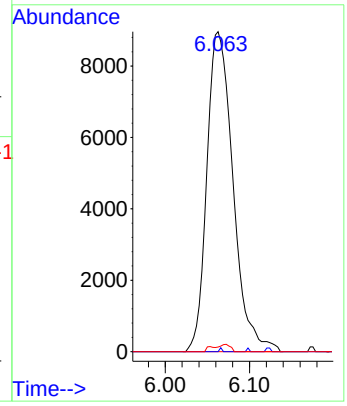


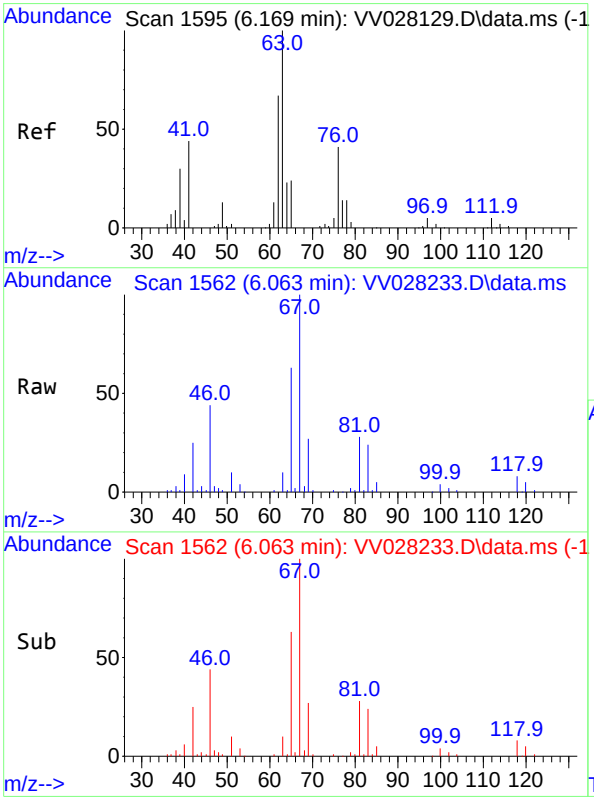
#35
Methylcyclohexane
Concen: 1.282 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Instrument :
MSVOA_V
ClientSampleId :
EXZ51

Tgt Ion: 83 Resp: 19386

Ion	Ratio	Lower	Upper
83	100		
55	0.1	64.7	97.1#
98	1.0	39.5	59.3#

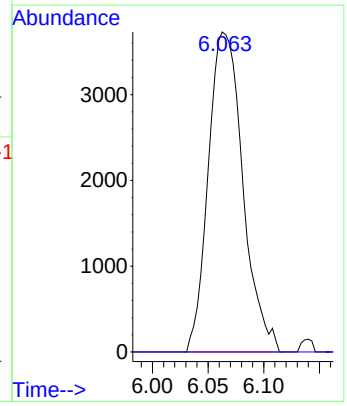


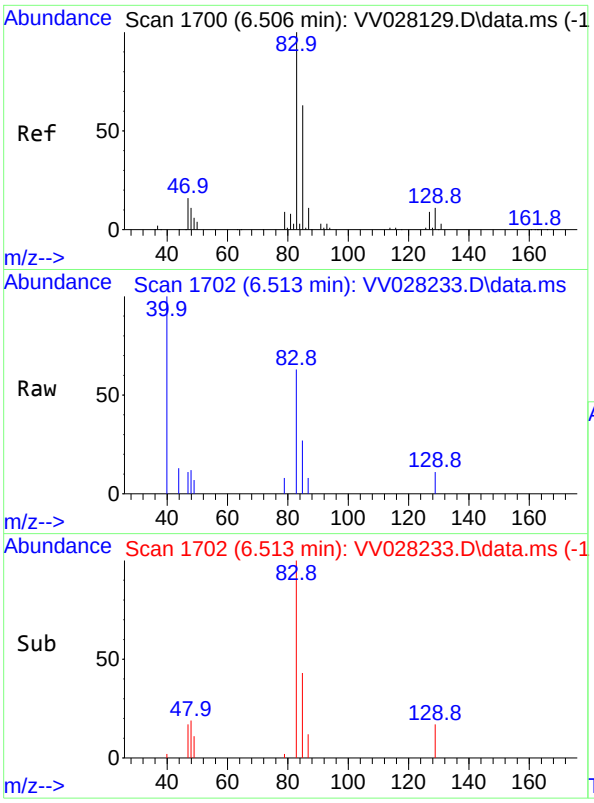


#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Tgt Ion: 63 Resp: 8049

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



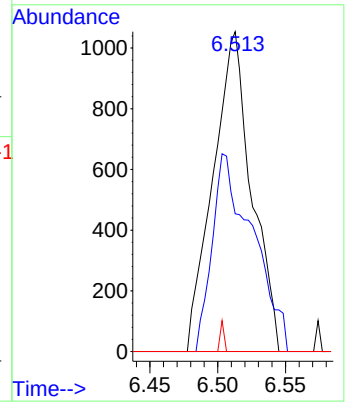


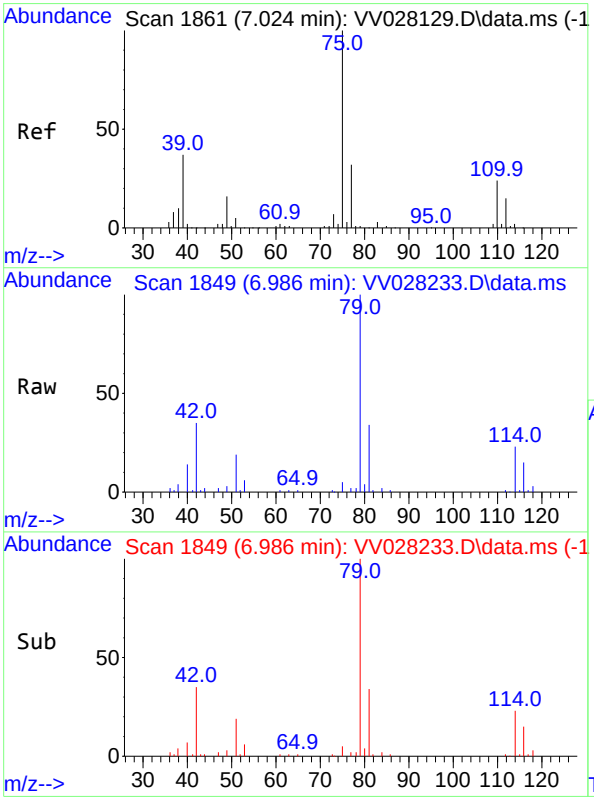
#38
Bromodichloromethane
Concen: 0.136 ug/L
RT: 6.513 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Instrument :
MSVOA_V
ClientSampleId :
EXZ51

Tgt Ion: 83 Resp: 2087

Ion	Ratio	Lower	Upper
83	100		
85	43.1	43.8	81.4#
127	0.0	6.3	9.5#

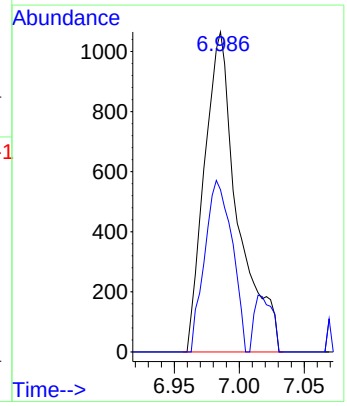


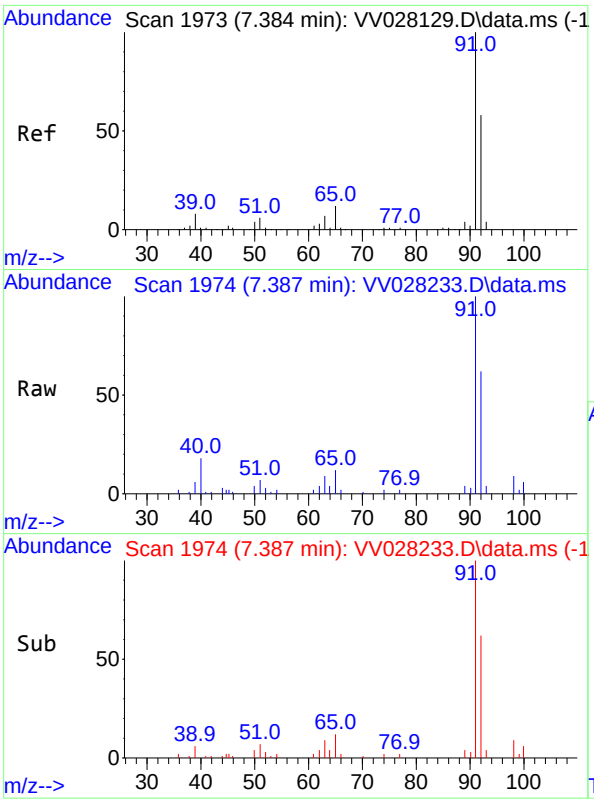


#39
cis-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.035 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Tgt Ion: 75 Resp: 1897

Ion	Ratio	Lower	Upper
75	100		
77	50.7	22.4	41.6#



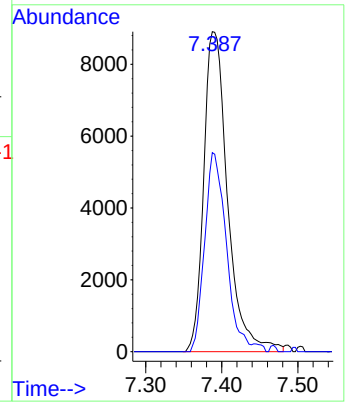


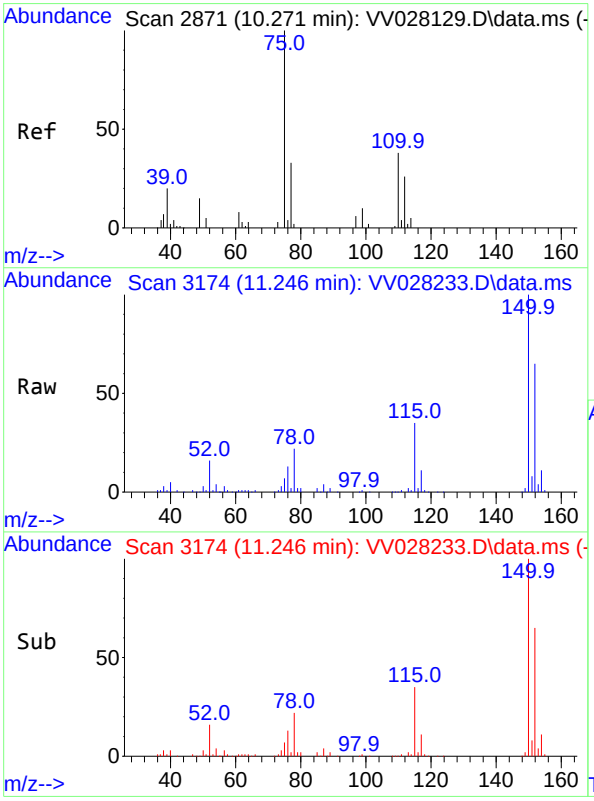
#42
Toluene
Concen: 0.420 ug/L
RT: 7.387 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Instrument :
MSVOA_V
ClientSampleId :
EXZ51

Tgt Ion: 91 Resp: 19433

Ion	Ratio	Lower	Upper
91	100		
92	62.2	40.2	74.6

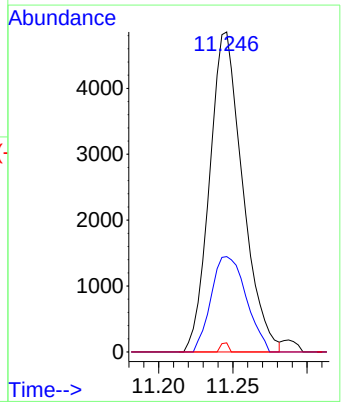


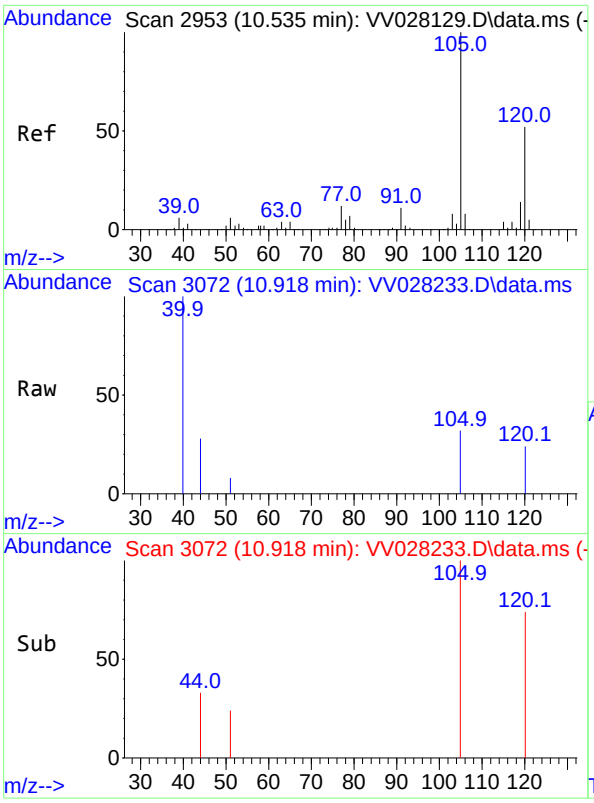


#61
1,2,3-Trichloropropane
Concen: 1.211 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Tgt Ion: 75 Resp: 7514

Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.7	40.1
110	0.7	30.1	45.1#





#62
1,3,5-Trimethylbenzene
Concen: 0.056 ug/L
RT: 10.918 min Scan# 3
Delta R.T. 0.383 min
Lab File: VV028233.D
Acq: 30 Sep 2022 17:47

Instrument :
MSVOA_V
ClientSampleId :
EXZ51

Tgt Ion:105 Resp: 687

Ion	Ratio	Lower	Upper
105	100		
120	55.7	40.6	61.0