Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029163.D
Acq On : 19 Nov 2022 12:09
Operator : SY/MD
Sample : N5687-12DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGCD5DL

Quant Time: Nov 20 00:56:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Nov 20 00:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	258400	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	241773	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	115776	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43768	2.778	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 55.600%			
7) Chloroethane-d5	1.564	69	41668	3.009	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 60.200%#			
11) 1,1-Dichloroethene-d2	2.105	63	58332	2.032	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 40.600%#			
20) 2-Butanone-d5	3.905	46	159902	60.637	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.280%			
24) Chloroform-d	4.342	84	118316	3.658	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.200%			
26) 1,2-Dichloroethane-d4	5.027	65	57118	3.925	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.600%			
32) Benzene-d6	5.047	84	211307	2.928	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 58.600%#			
36) 1,2-Dichloropropane-d6	6.066	67	74549	3.699	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 74.000%			
41) Toluene-d8	7.313	98	171118	2.634	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 52.600%#			
43) trans-1,3-Dichloroprop...	7.622	79	21847	3.324	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 66.400%			
46) 2-Hexanone-d5	8.088	63	141989	50.613	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.220%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70578	5.052	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.000%			
66) 1,2-Dichlorobenzene-d4	11.619	152	82318	3.974	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 79.400%#			
Target Compounds						Qvalue
3) Chloromethane	1.236	50	1374	0.077	ug/L	95
6) Bromomethane	1.523	94	713	0.059	ug/L	85
8) Chloroethane	1.526	64	46610	3.890	ug/L #	51
16) Methylene chloride	2.503	84	7807	0.386	ug/L	94
19) 1,1-Dichloroethane	3.188	63	7104	0.240	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	47633	2.583	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	6835	0.241	ug/L	97
31) Carbon tetrachloride	4.612	117	734	0.030	ug/L #	64
33) Benzene	5.098	78	3810	0.052	ug/L	100
34) Trichloroethene	5.911	95	84352	4.460	ug/L	98
35) Methylcyclohexane	6.066	83	18140	0.546	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	7853	0.461	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1639	0.069	ug/L	85
61) 1,2,3-Trichloropropane	11.242	75	12045	1.522	ug/L #	63

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

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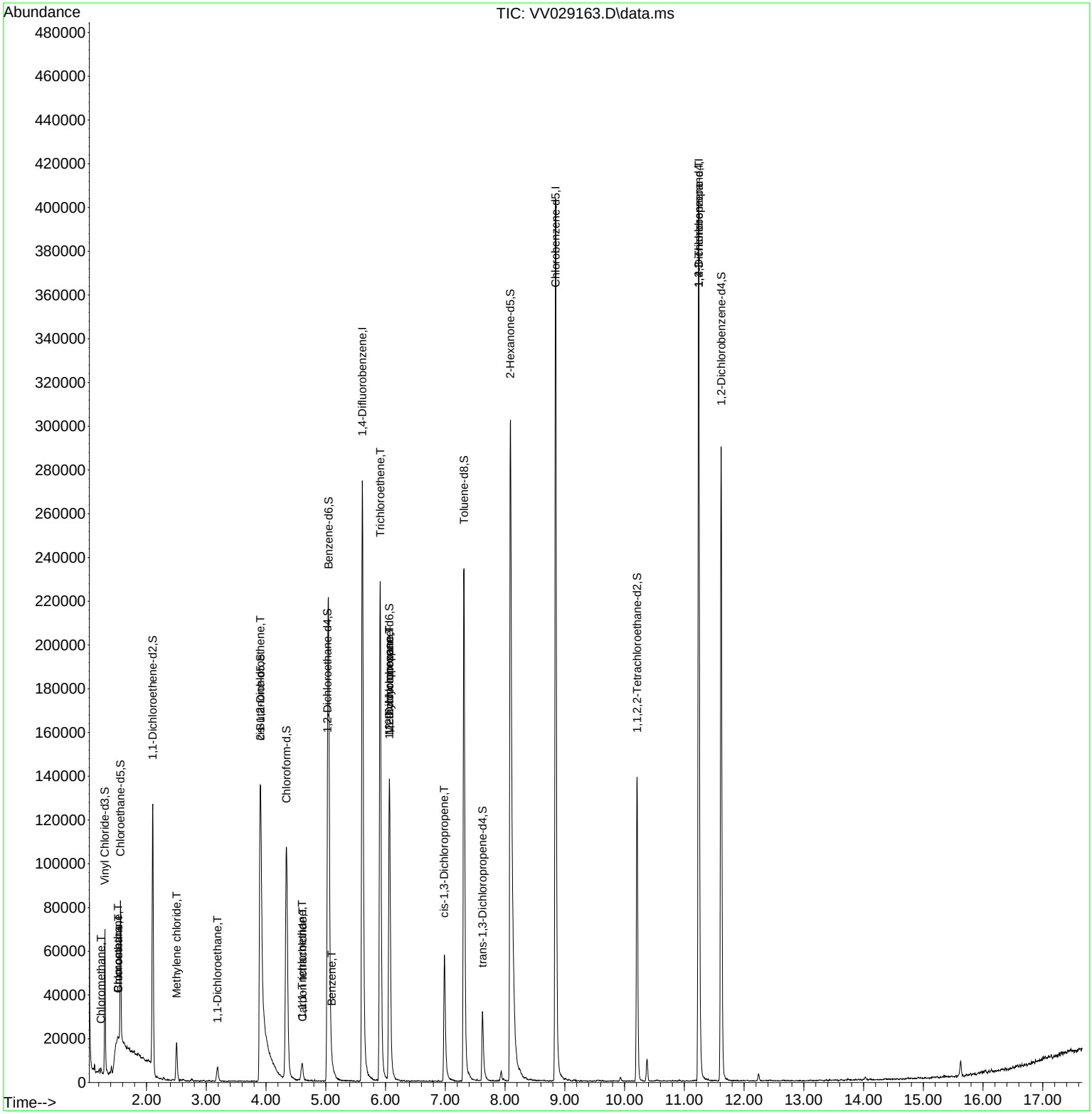
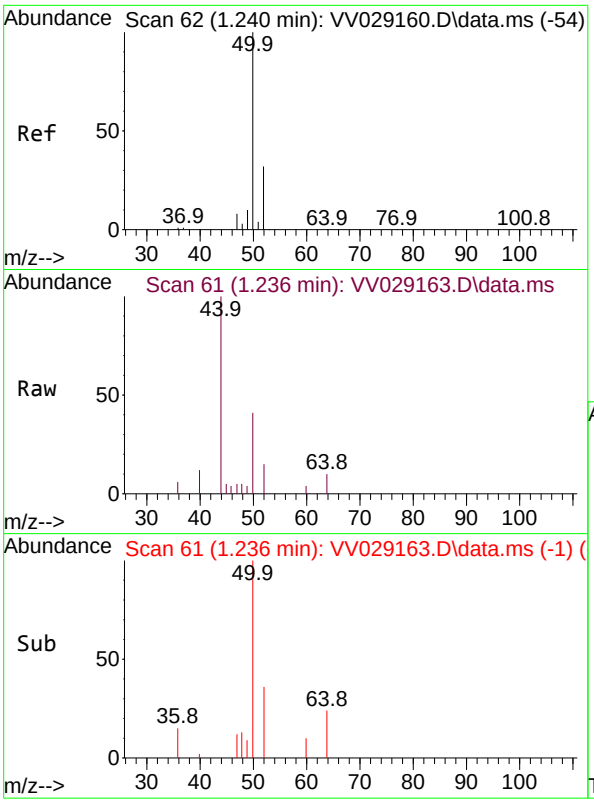
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Nov 20 00:53:03 2022
Response via : Initial Calibration



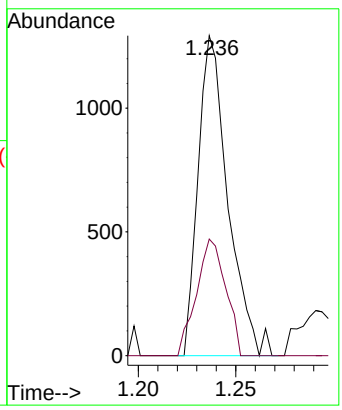


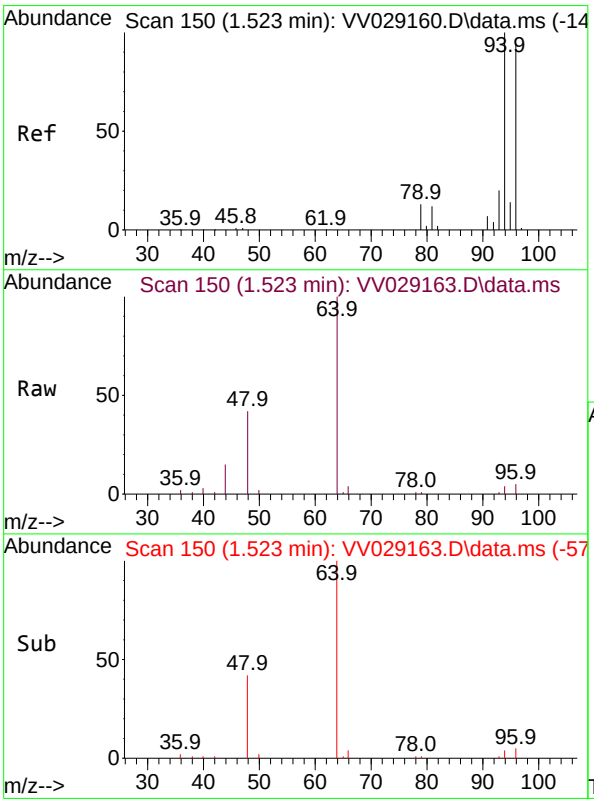
#3
Chloromethane
Concen: 0.077 ug/L
RT: 1.236 min Scan# 6
Delta R.T. -0.003 min
Lab File: VV029163.D
Acq: 19 Nov 2022 12:09

Instrument :
MSVOA_V
ClientSampleId :
BGCD5DL

Tgt Ion: 50 Resp: 1374

Ion	Ratio	Lower	Upper
50	100		
52	36.4	23.7	43.9

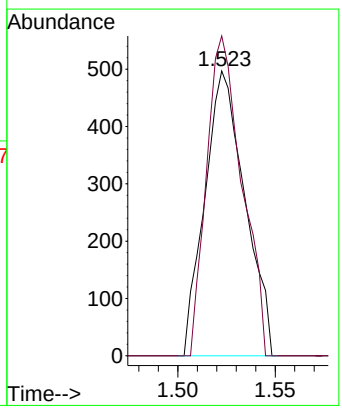


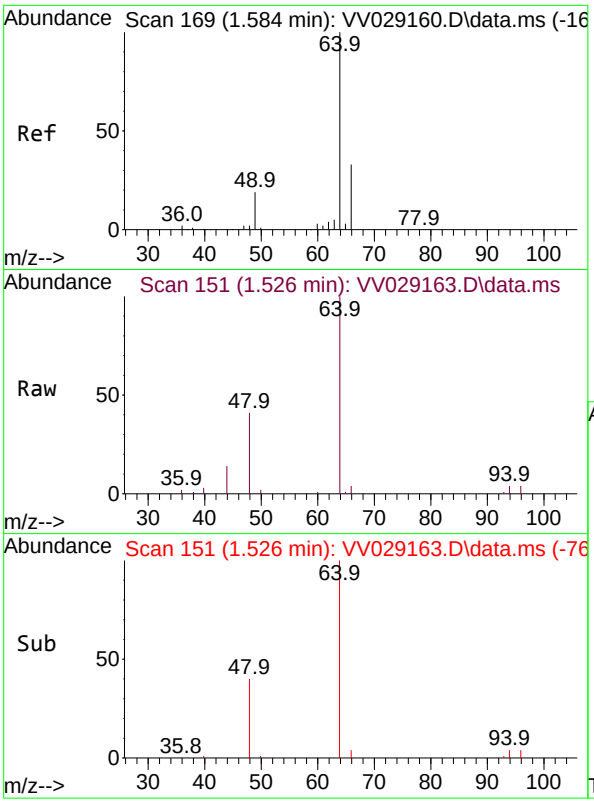


#6
Bromomethane
Concen: 0.059 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV029163.D
Acq: 19 Nov 2022 12:09

Tgt Ion: 94 Resp: 713

Ion	Ratio	Lower	Upper
94	100		
96	112.3	68.5	127.3



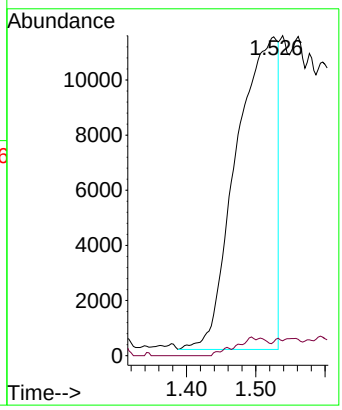


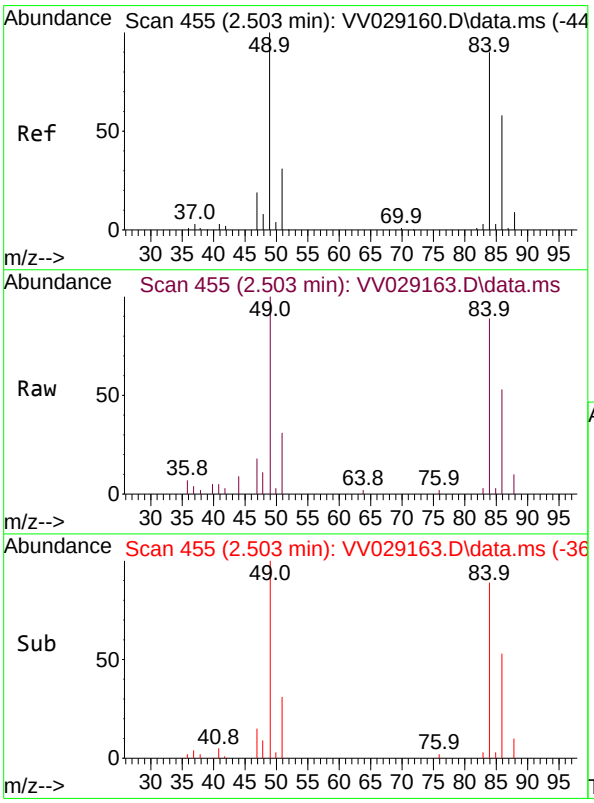
#8
Chloroethane
Concen: 3.890 ug/L
RT: 1.526 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV029163.D
Acq: 19 Nov 2022 12:09

Instrument :
MSVOA_V
ClientSampleId :
BGCD5DL

Tgt Ion: 64 Resp: 46610

Ion	Ratio	Lower	Upper
64	100		
66	4.3	22.0	40.8#

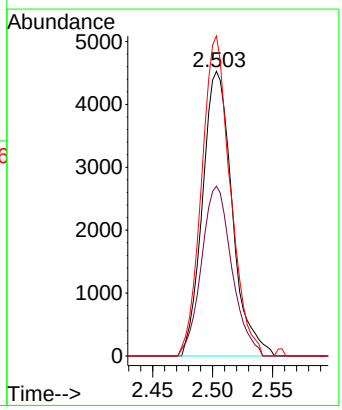


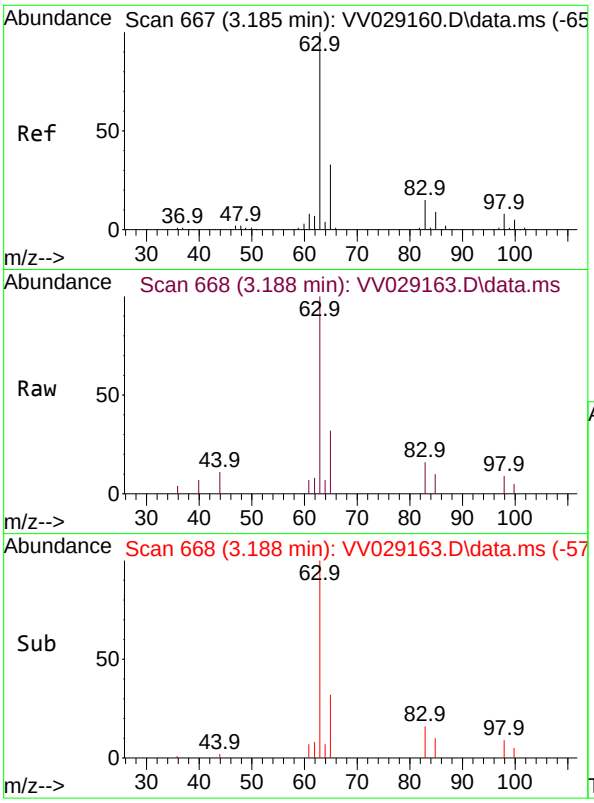


#16
Methylene chloride
Concen: 0.386 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV029163.D
Acq: 19 Nov 2022 12:09

Tgt Ion: 84 Resp: 7807

Ion	Ratio	Lower	Upper
84	100		
86	59.6	45.8	85.0
49	112.4	75.5	140.1



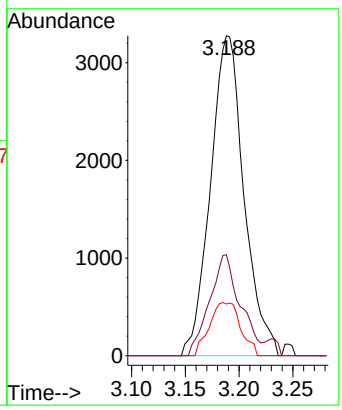


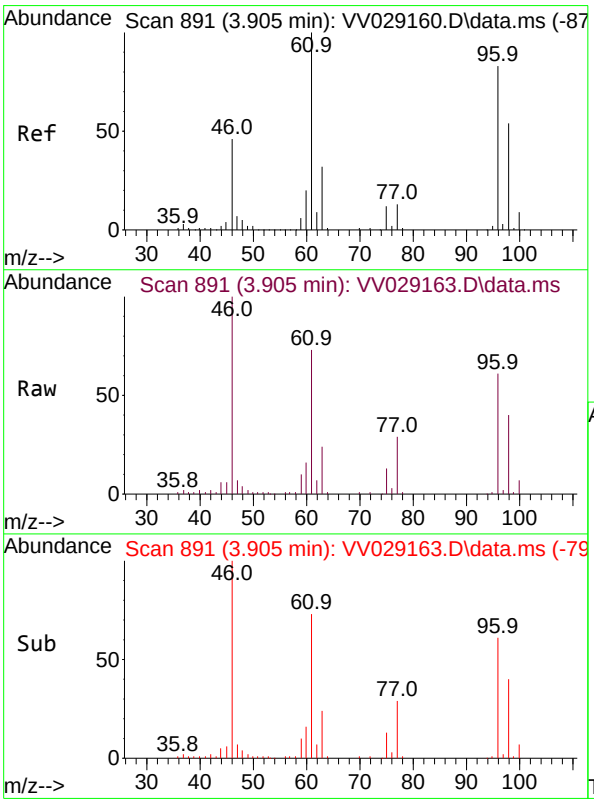
#19
1,1-Dichloroethane
Concen: 0.240 ug/L
RT: 3.188 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV029163.D
Acq: 19 Nov 2022 12:09

Instrument :
MSVOA_V
ClientSampleId :
BGCD5DL

Tgt Ion: 63 Resp: 7104

Ion	Ratio	Lower	Upper
63	100		
65	31.6	23.0	42.6
83	16.2	9.4	17.6

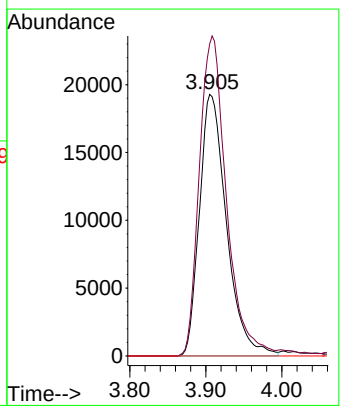


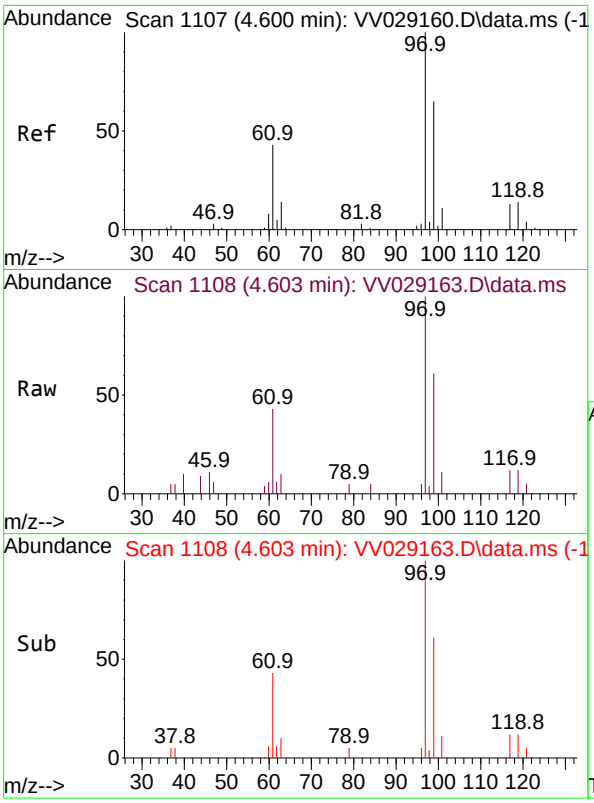


#22
cis-1,2-Dichloroethene
Concen: 2.583 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.000 min
Lab File: VV029163.D
Acq: 19 Nov 2022 12:09

Tgt Ion: 96 Resp: 47633

Ion	Ratio	Lower	Upper
96	100		
61	119.3	82.3	152.9
68	0.0	0.0	0.0



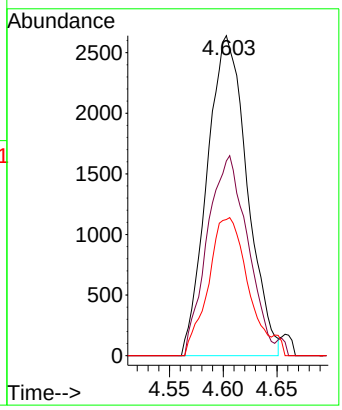


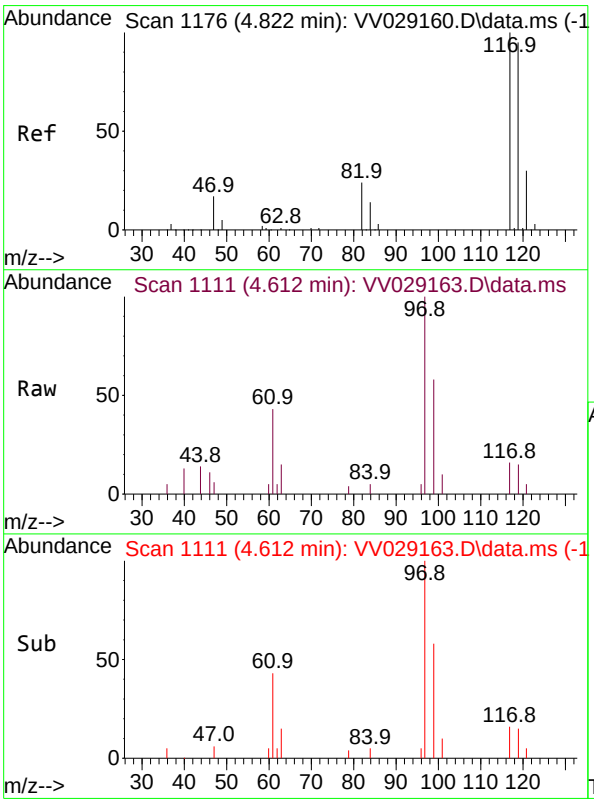
#29
1,1,1-Trichloroethane
Concen: 0.241 ug/L
RT: 4.603 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029163.D
Acq: 19 Nov 2022 12:09

Instrument :
MSVOA_V
ClientSampleId :
BGCD5DL

Tgt Ion: 97 Resp: 6835

Ion	Ratio	Lower	Upper
97	100		
99	63.0	52.7	79.1
61	43.4	33.8	50.6

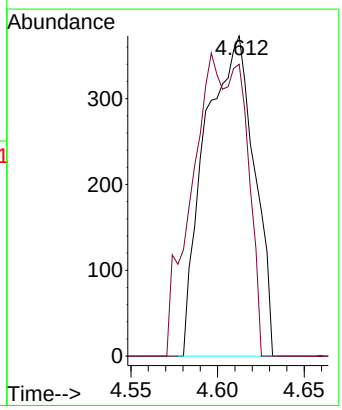


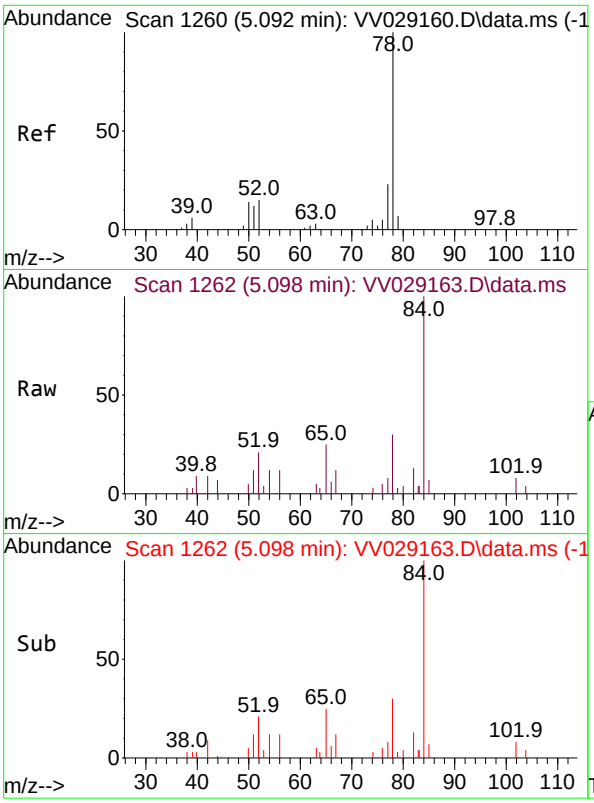


#31
Carbon tetrachloride
Concen: 0.030 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. -0.209 min
Lab File: VV029163.D
Acq: 19 Nov 2022 12:09

Tgt Ion:117 Resp: 734

Ion	Ratio	Lower	Upper
117	100		
119	60.8	77.0	115.6#

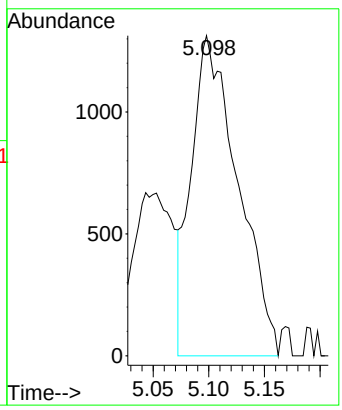


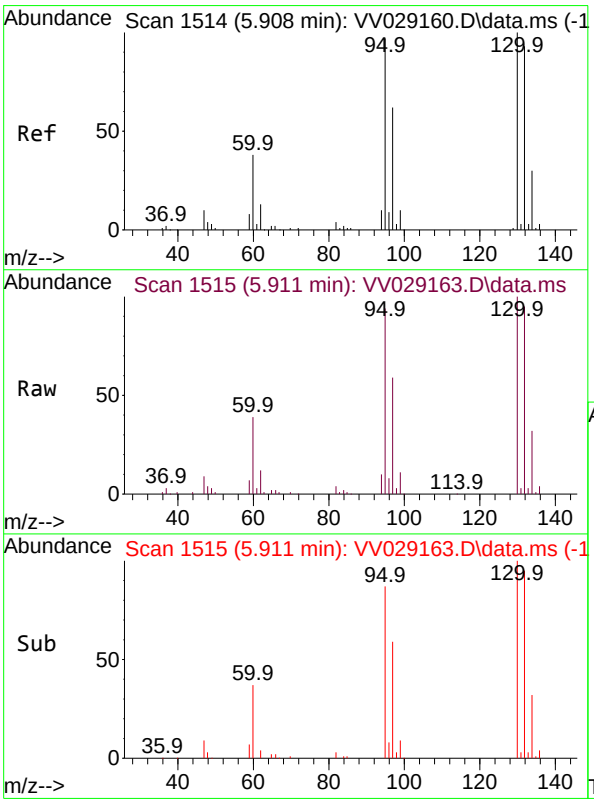


#33
Benzene
Concen: 0.052 ug/L
RT: 5.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV029163.D
Acq: 19 Nov 2022 12:09

Instrument :
MSVOA_V
ClientSampleId :
BGCD5DL

Tgt Ion: 78 Resp: 3810

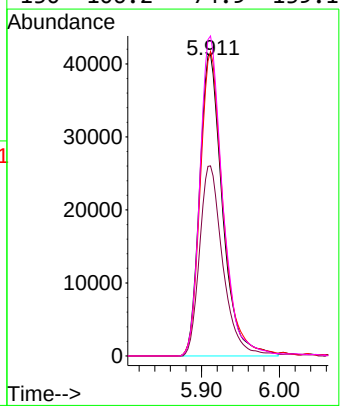


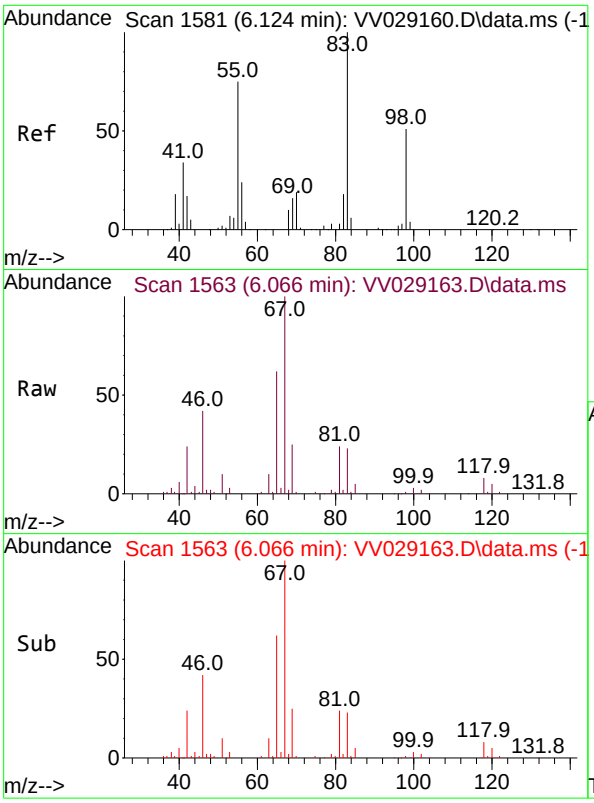


#34
Trichloroethene
Concen: 4.460 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029163.D
Acq: 19 Nov 2022 12:09

Tgt Ion: 95 Resp: 84352

Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.6	84.8
132	101.0	69.1	128.3
130	106.2	74.9	139.1



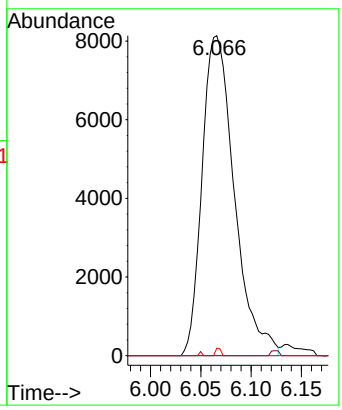


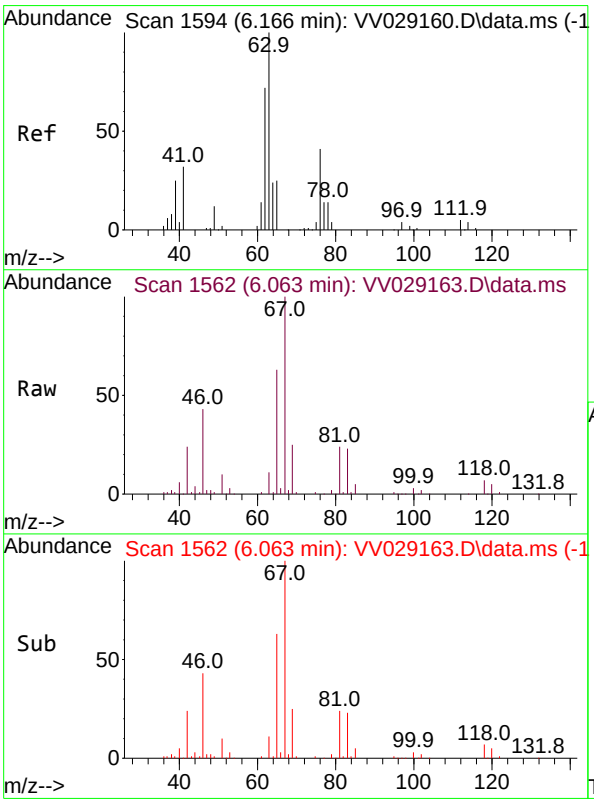
#35
Methylcyclohexane
Concen: 0.546 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV029163.D
Acq: 19 Nov 2022 12:09

Instrument :
MSVOA_V
ClientSampleId :
BGCD5DL

Tgt Ion: 83 Resp: 18140

Ion	Ratio	Lower	Upper
83	100		
55	0.4	55.8	83.6#
98	0.4	38.2	57.2#

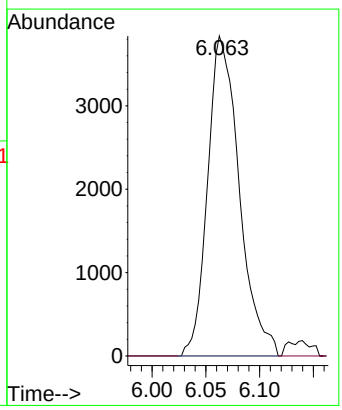


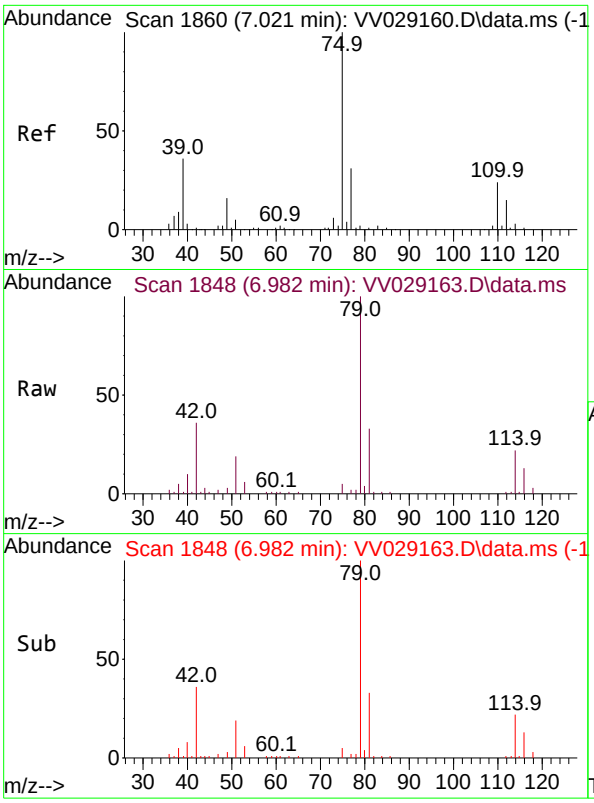


#37
1,2-Dichloropropane
Concen: 0.461 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV029163.D
Acq: 19 Nov 2022 12:09

Tgt Ion: 63 Resp: 7853

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#



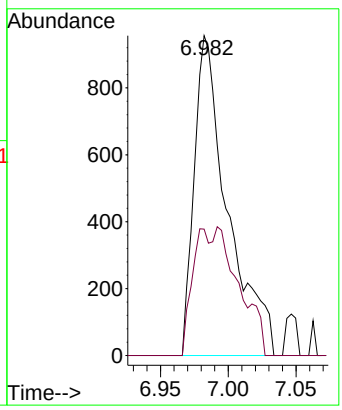


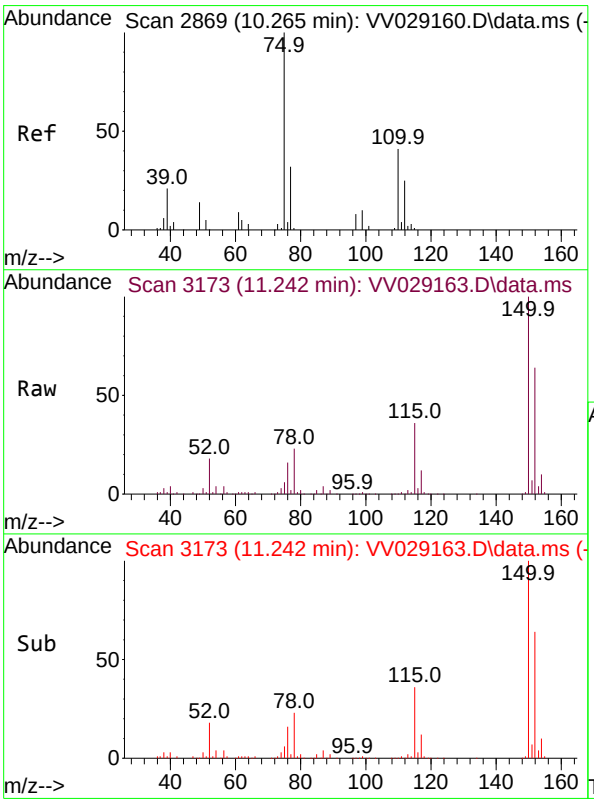
#39
cis-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 6.982 min Scan# 1
Delta R.T. -0.039 min
Lab File: VV029163.D
Acq: 19 Nov 2022 12:09

Instrument :
MSVOA_V
ClientSampleId :
BGCD5DL

Tgt Ion: 75 Resp: 1639

Ion	Ratio	Lower	Upper
75	100		
77	39.5	21.8	40.6





#61
1,2,3-Trichloropropane
Concen: 1.522 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.977 min
Lab File: VV029163.D
Acq: 19 Nov 2022 12:09

Tgt Ion: 75 Resp: 12045

Ion	Ratio	Lower	Upper
75	100		
77	35.9	26.2	39.2
110	2.5	32.6	48.8#