Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029193.D
Acq On : 20 Nov 2022 00:31
Operator : SY/MD
Sample : N5648-11DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46E9DL

Quant Time: Nov 20 04:30:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Nov 20 03:53:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	314970	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	287178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	135337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	99619	5.188	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.800%			
7) Chloroethane-d5	1.568	69	80218	4.752	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.000%			
11) 1,1-Dichloroethene-d2	2.108	63	124559	3.559	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.200%			
20) 2-Butanone-d5	3.892	46	190486	59.261	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.520%			
24) Chloroform-d	4.342	84	176730	4.483	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.600%			
26) 1,2-Dichloroethane-d4	5.027	65	81000	4.567	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.400%			
32) Benzene-d6	5.046	84	373337	4.355	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.200%			
36) 1,2-Dichloropropane-d6	6.063	67	107970	4.511	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.200%			
41) Toluene-d8	7.310	98	322510	4.180	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.600%			
43) trans-1,3-Dichloroprop...	7.622	79	30786	3.944	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.800%			
46) 2-Hexanone-d5	8.088	63	149807	44.957	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.920%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	77305	4.658	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.200%			
66) 1,2-Dichlorobenzene-d4	11.615	152	115360	4.764	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.200%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	903	0.041	ug/L	100
5) Vinyl chloride	1.310	62	98188	3.950	ug/L	98
8) Chloroethane	1.439	64	112811	7.724	ug/L #	52
16) Methylene chloride	2.506	84	5132	0.208	ug/L	82
17) Methyl tert-butyl Ether	2.767	73	15355	0.376	ug/L #	92
18) trans-1,2-Dichloroethene	2.764	96	14459	0.654	ug/L	99
19) 1,1-Dichloroethane	3.188	63	11265	0.312	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	45267	2.013	ug/L	98
27) 1,2-Dichloroethane	5.040	62	1984	0.102	ug/L	99
33) Benzene	5.101	78	10579	0.121	ug/L	100
35) Methylcyclohexane	6.066	83	26306	0.666	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	11279	0.557	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	14023	1.516	ug/L #	65

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

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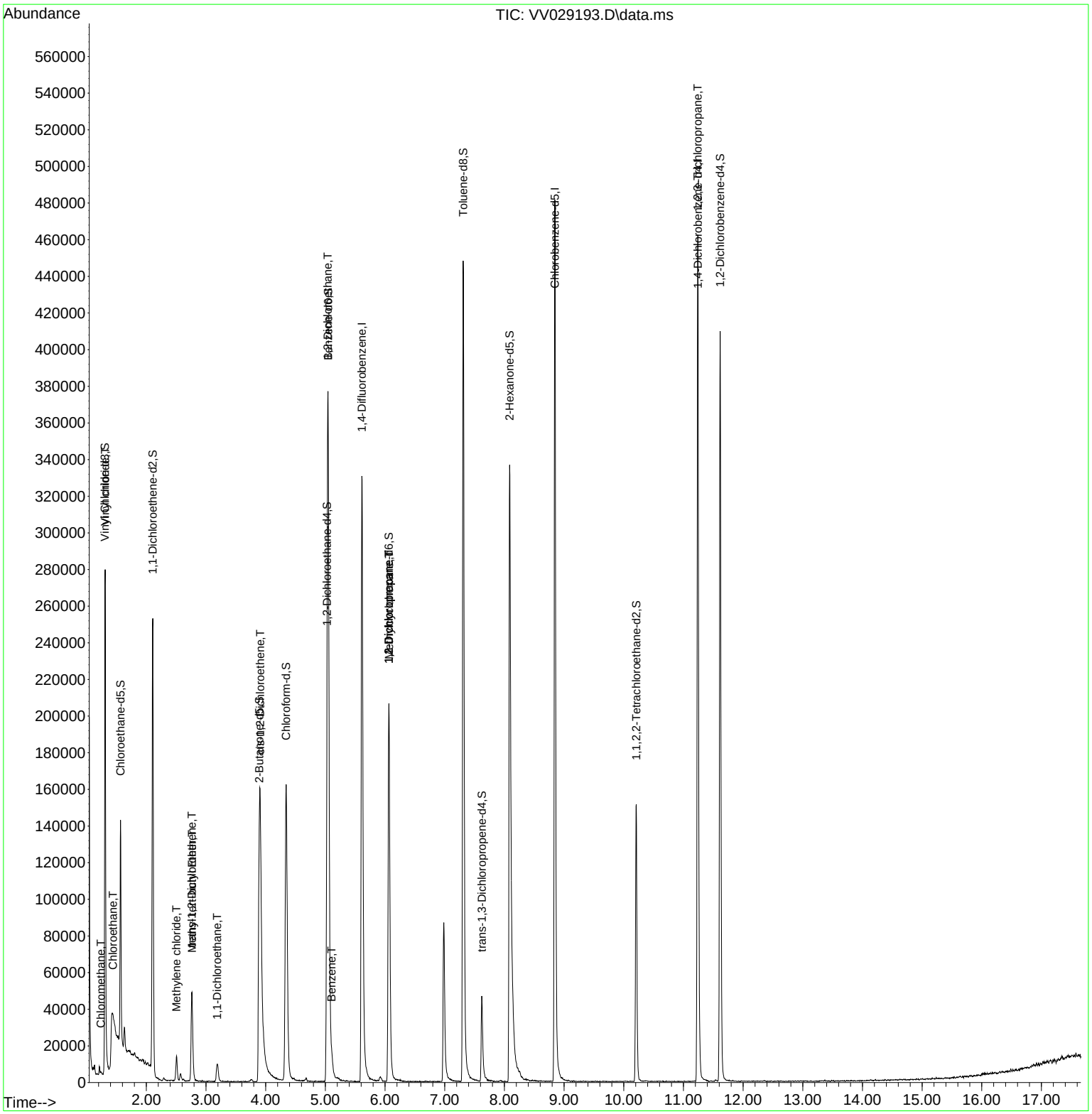
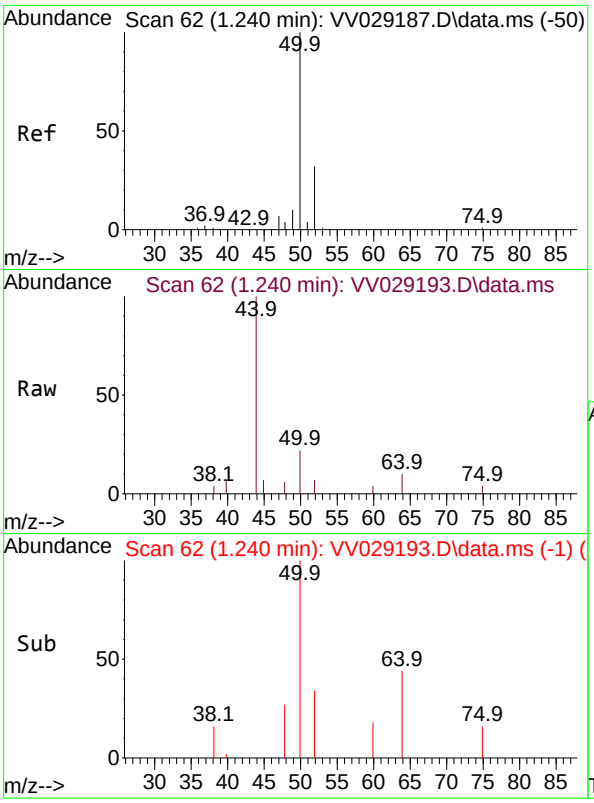
H46E9DL

Quant Time: Nov 20 04:30:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Nov 20 03:53:06 2022
Response via : Initial Calibration



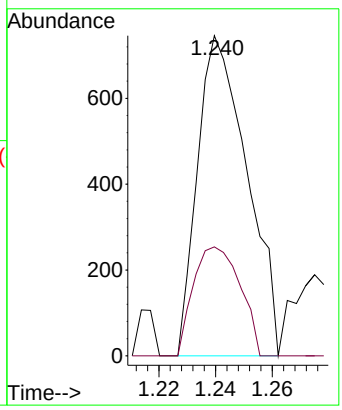


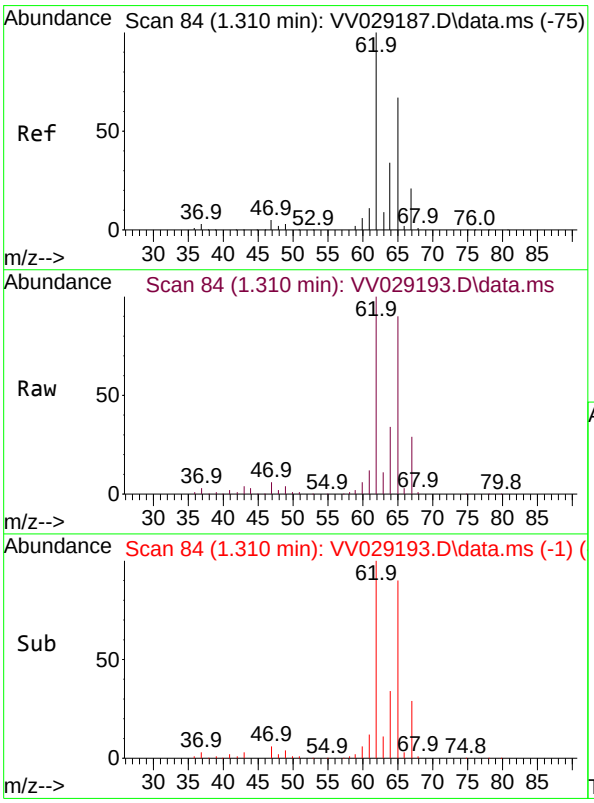
#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.240 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Instrument :
MSVOA_V
ClientSampleId :
H46E9DL

Tgt Ion: 50 Resp: 903

Ion	Ratio	Lower	Upper
50	100		
52	34.0	23.7	43.9

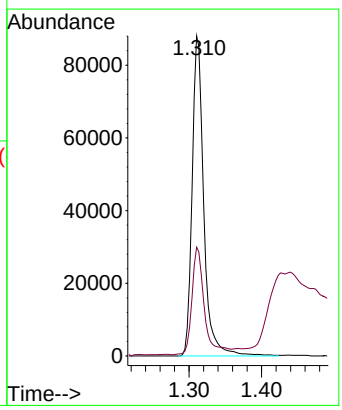


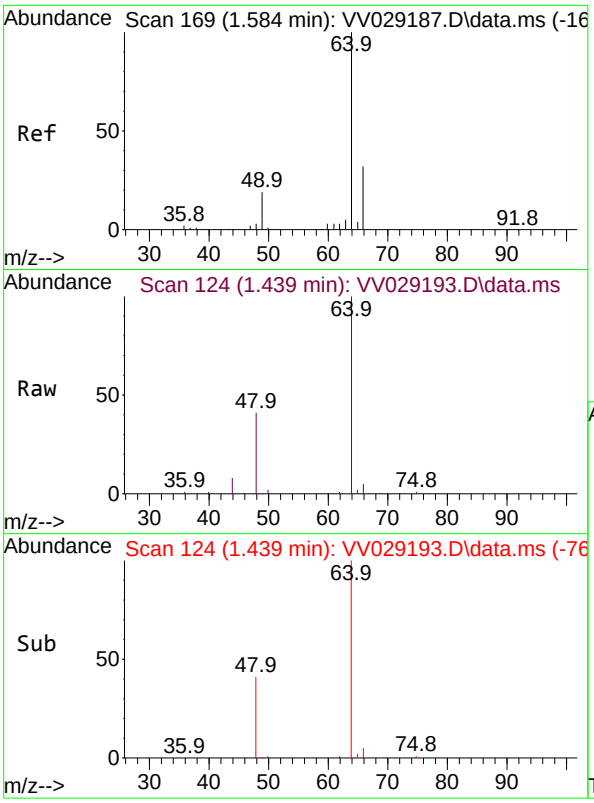


#5
Vinyl chloride
Concen: 3.950 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Tgt Ion: 62 Resp: 98188

Ion	Ratio	Lower	Upper
62	100		
64	34.0	22.8	42.4



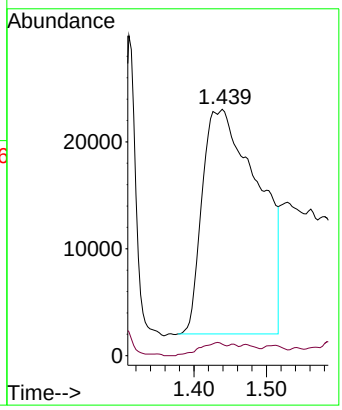


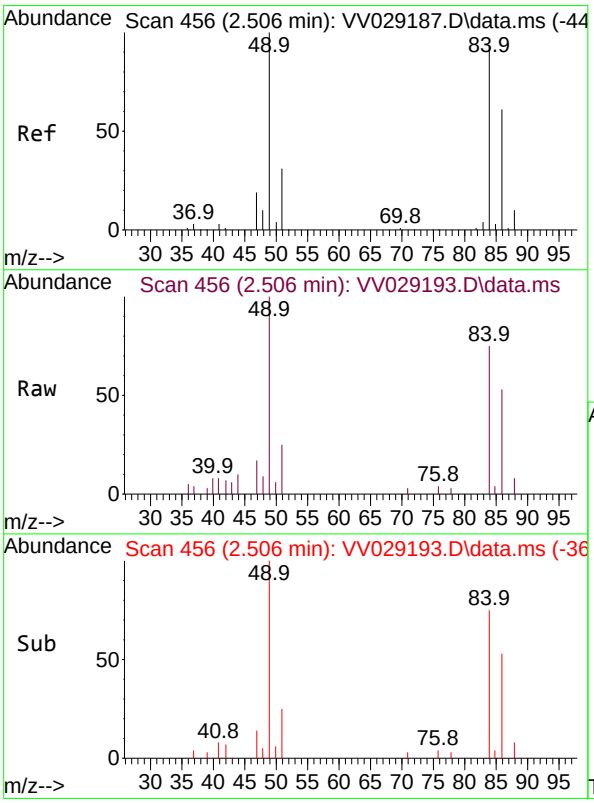
#8
Chloroethane
Concen: 7.724 ug/L
RT: 1.439 min Scan# 1
Delta R.T. -0.145 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Instrument :
MSVOA_V
ClientSampleId :
H46E9DL

Tgt Ion: 64 Resp: 112811

Ion	Ratio	Lower	Upper
64	100		
66	4.7	22.0	40.8#

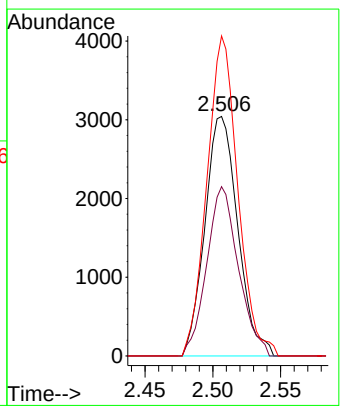


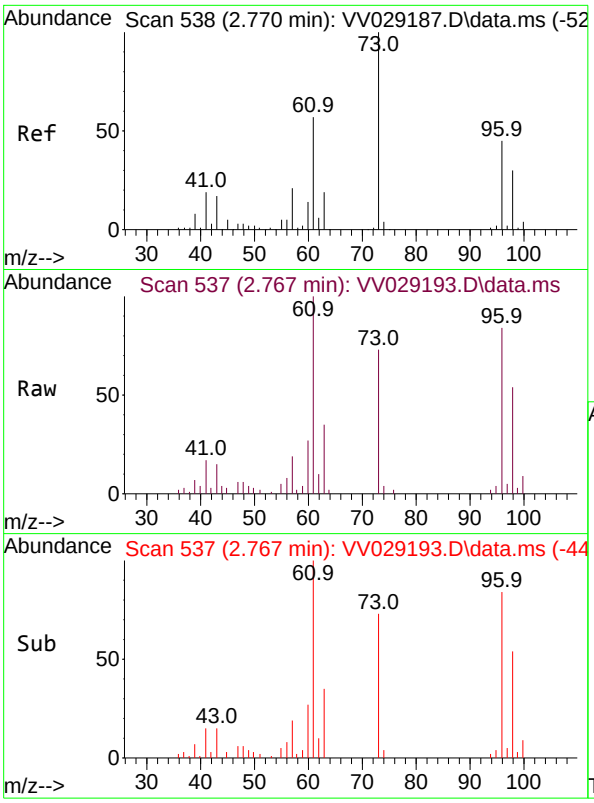


#16
Methylene chloride
Concen: 0.208 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Tgt Ion: 84 Resp: 5132

Ion	Ratio	Lower	Upper
84	100		
86	70.7	45.8	85.0
49	133.6	75.5	140.1



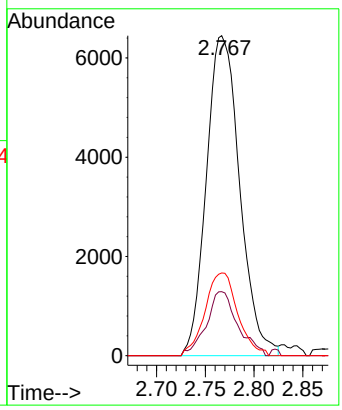


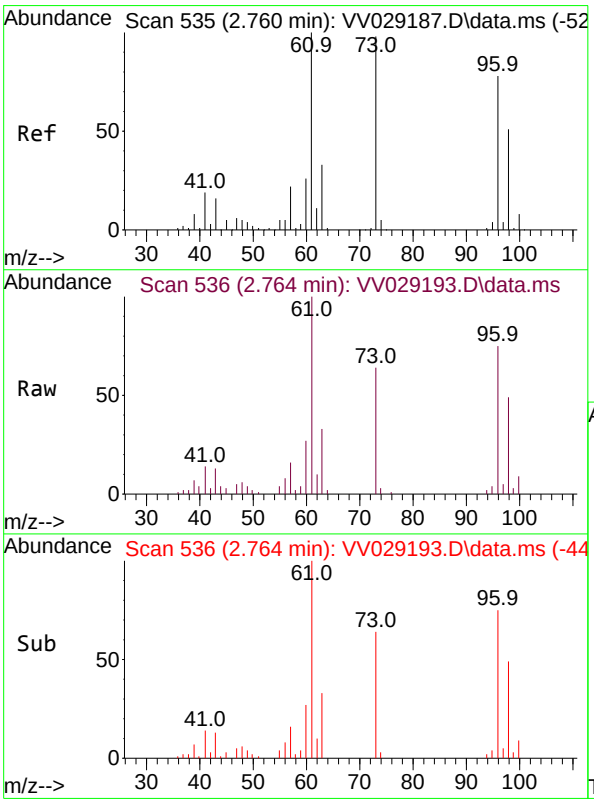
#17
Methyl tert-butyl Ether
Concen: 0.376 ug/L
RT: 2.767 min Scan# 5
Delta R.T. -0.003 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Instrument :
MSVOA_V
ClientSampleId :
H46E9DL

Tgt Ion: 73 Resp: 15355

Ion	Ratio	Lower	Upper
73	100		
43	18.8	13.0	19.4
57	25.3	16.6	24.8#

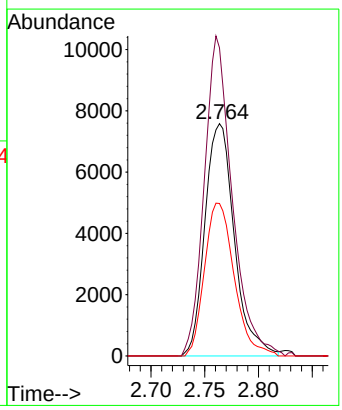


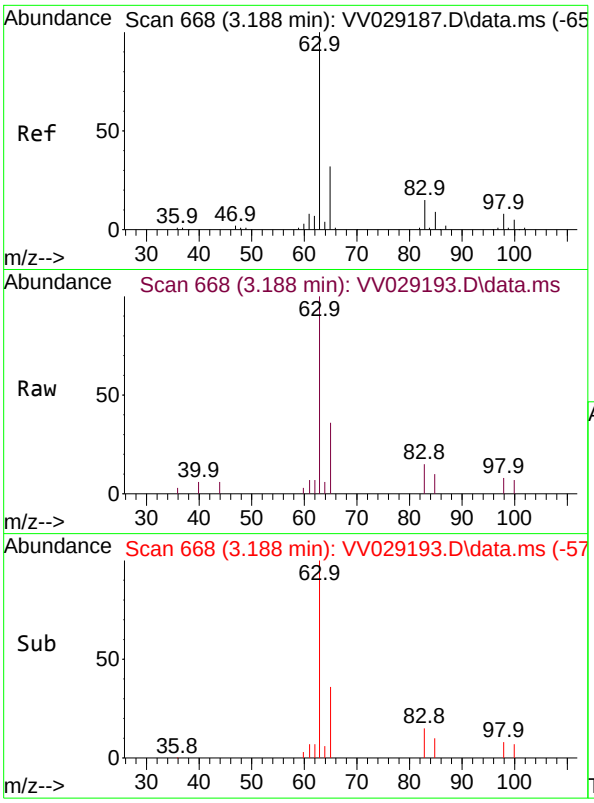


#18
trans-1,2-Dichloroethene
Concen: 0.654 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Tgt Ion: 96 Resp: 14459

Ion	Ratio	Lower	Upper
96	100		
61	132.7	91.8	170.6
98	65.7	46.4	86.2



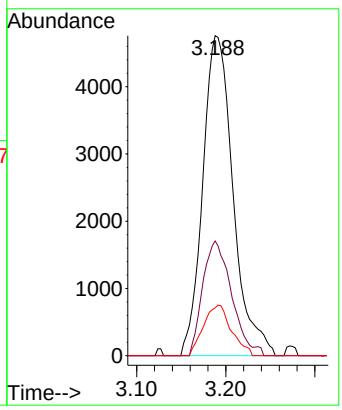


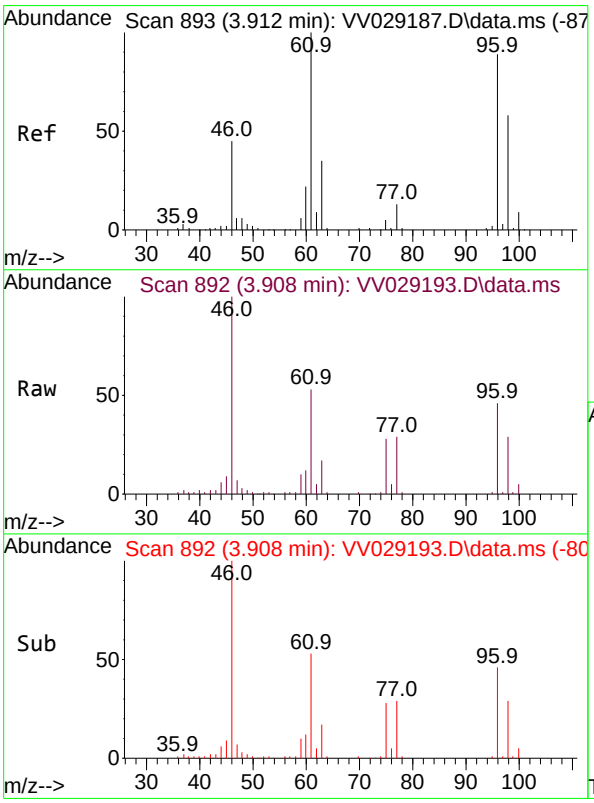
#19
1,1-Dichloroethane
Concen: 0.312 ug/L
RT: 3.188 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Instrument :
MSVOA_V
ClientSampleId :
H46E9DL

Tgt Ion: 63 Resp: 11265

Ion	Ratio	Lower	Upper
63	100		
65	35.8	23.0	42.6
83	14.9	9.4	17.6

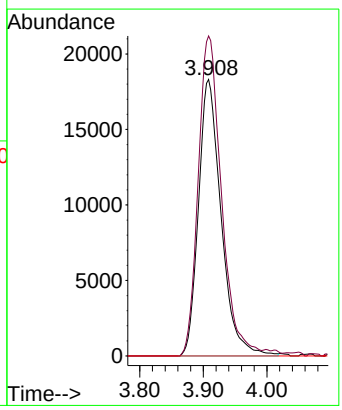


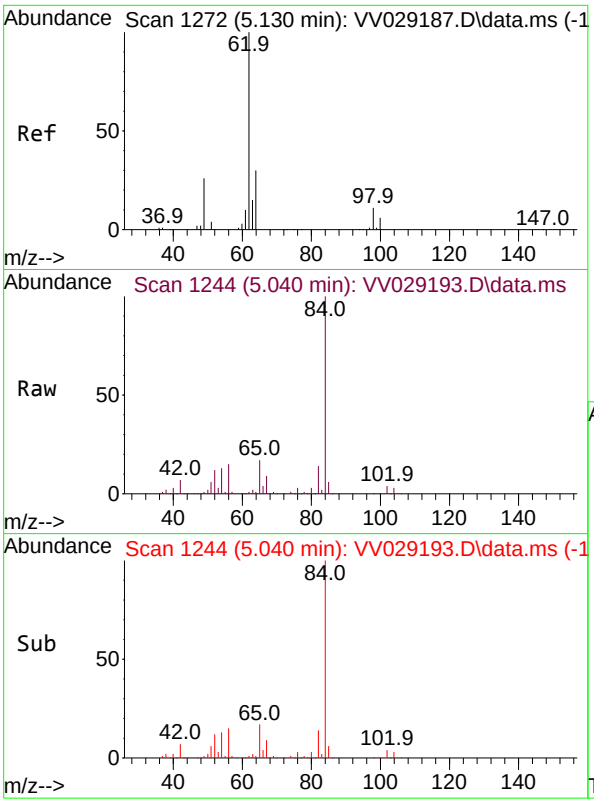


#22
cis-1,2-Dichloroethene
Concen: 2.013 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Tgt Ion: 96 Resp: 45267

Ion	Ratio	Lower	Upper
96	100		
61	115.7	82.3	152.9
68	0.0	0.0	0.0



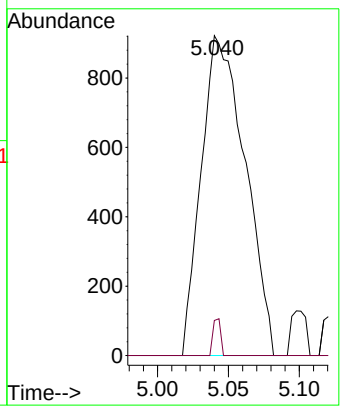


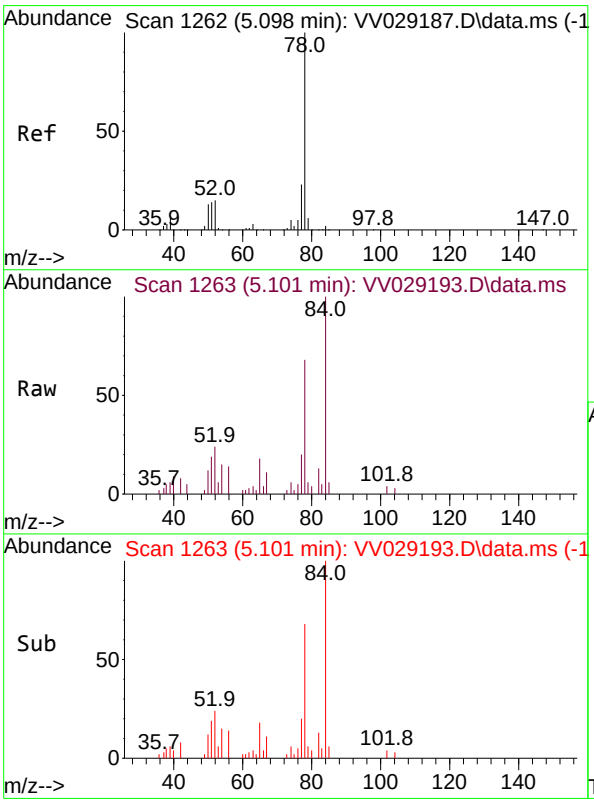
#27
1,2-Dichloroethane
Concen: 0.102 ug/L
RT: 5.040 min Scan# 1
Delta R.T. -0.090 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Instrument :
MSVOA_V
ClientSampleId :
H46E9DL

Tgt Ion: 62 Resp: 1984

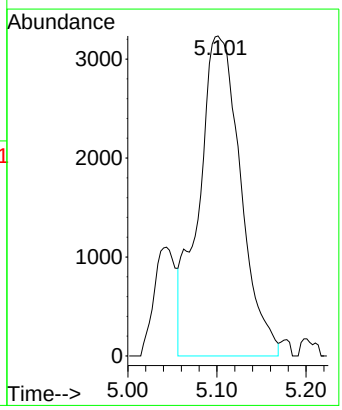
Ion	Ratio	Lower	Upper
62	100		
98	11.0	9.0	13.6

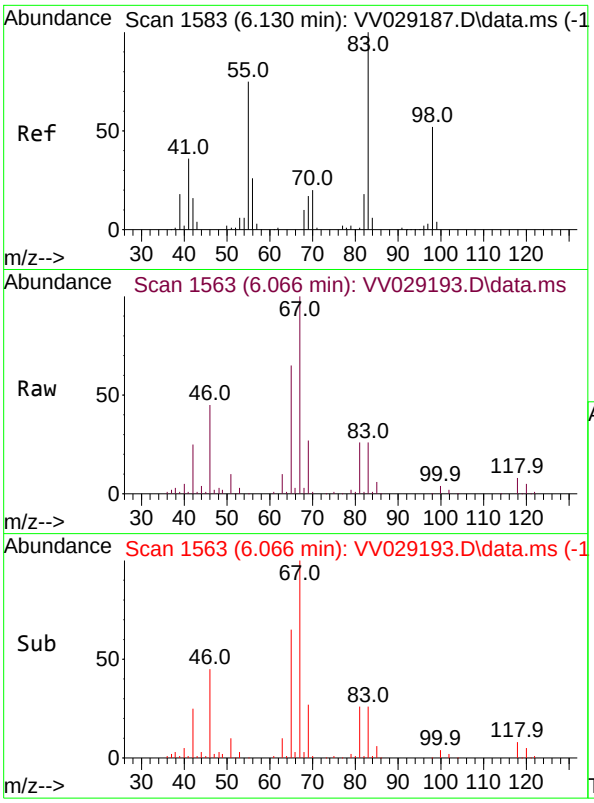




#33
Benzene
Concen: 0.121 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Tgt Ion: 78 Resp: 10579



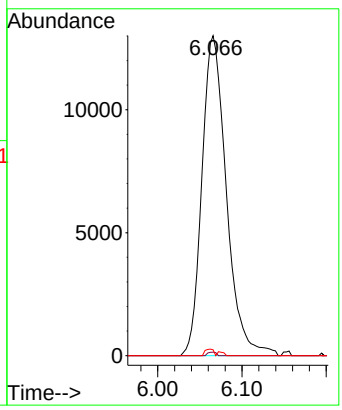


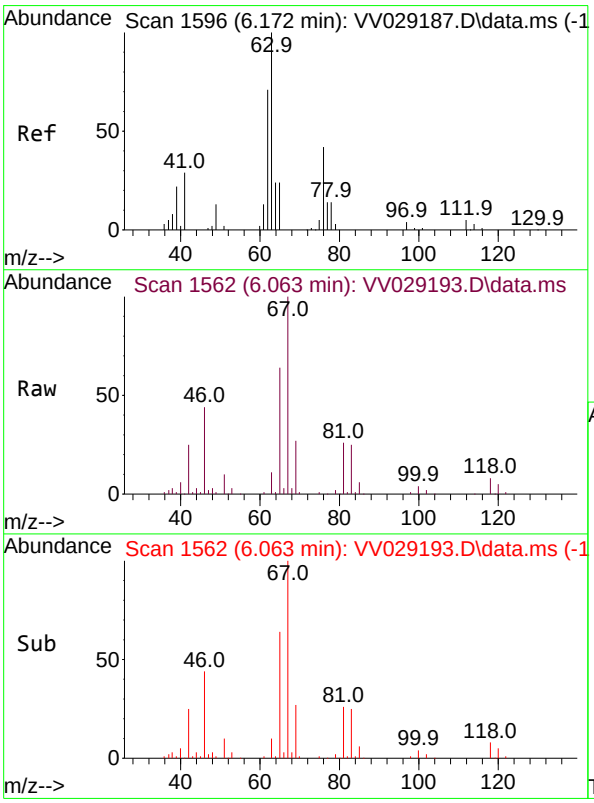
#35
Methylcyclohexane
Concen: 0.666 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.064 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Instrument :
MSVOA_V
ClientSampleId :
H46E9DL

Tgt Ion: 83 Resp: 26306

Ion	Ratio	Lower	Upper
83	100		
55	0.4	55.8	83.6#
98	0.7	38.2	57.2#

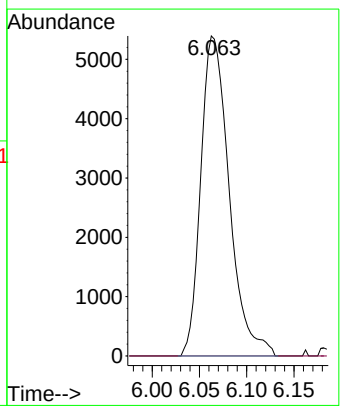


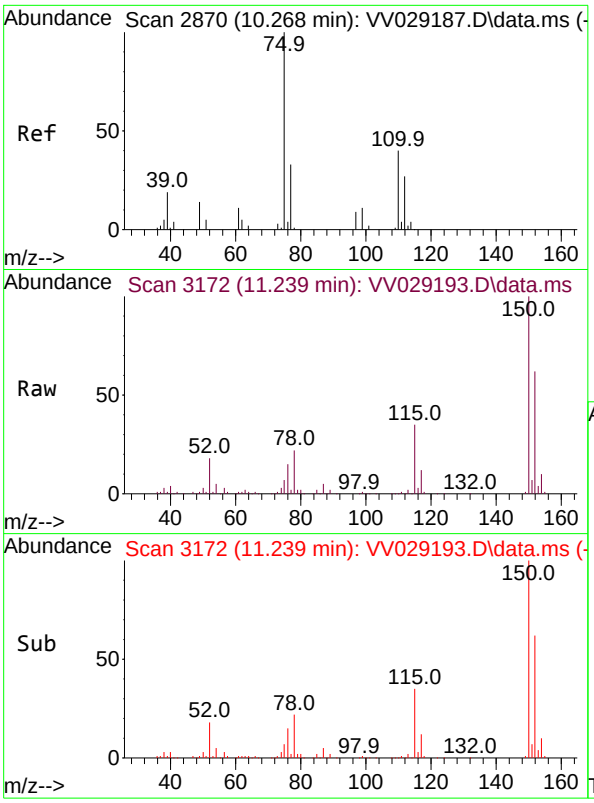


#37
1,2-Dichloropropane
Concen: 0.557 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.109 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Tgt Ion: 63 Resp: 11279

Ion	Ratio	Lower	Upper
63	100		
112	0.2	4.0	6.0#





#61
1,2,3-Trichloropropane
Concen: 1.516 ug/L
RT: 11.239 min Scan# 3
Delta R.T. 0.971 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Instrument :
MSVOA_V
ClientSampleId :
H46E9DL

Tgt Ion: 75 Resp: 14023

Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.2	39.2
110	3.0	32.6	48.8#