

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
 Data File : VV029124.D
 Acq On : 18 Nov 2022 17:36
 Operator : SY/MD
 Sample : N5688-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCE6

Quant Time: Nov 18 23:35:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

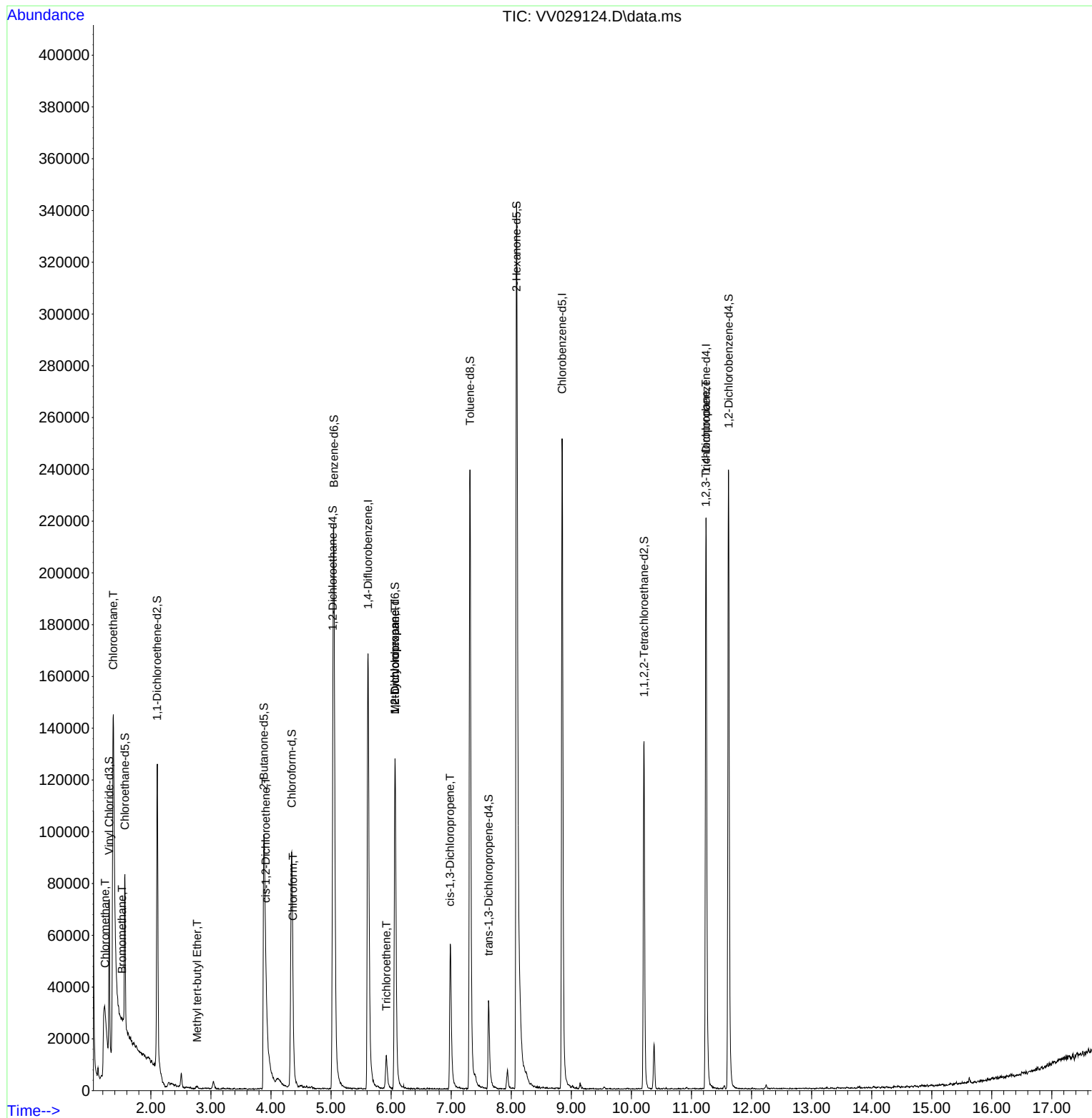
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	160933	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	150972	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	65629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41395	4.219	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.400%	
7) Chloroethane-d5	1.568	69	38652	4.481	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.600%	
11) 1,1-Dichloroethene-d2	2.105	63	61524	3.441	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.800%	
20) 2-Butanone-d5	3.883	46	198426	120.817	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	241.640%#	
24) Chloroform-d	4.346	84	101603	5.044	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	5.031	65	59098	6.521	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	130.400%#	
32) Benzene-d6	5.047	84	208849	4.635	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
36) 1,2-Dichloropropane-d6	6.066	67	68410	5.437	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.800%	
41) Toluene-d8	7.313	98	180405	4.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
43) trans-1,3-Dichloroprop...	7.622	79	23684	5.771	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	115.400%	
46) 2-Hexanone-d5	8.088	63	137495	78.488	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	156.980%#	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	67748	7.765	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	155.400%#	
66) 1,2-Dichlorobenzene-d4	11.619	152	69621	5.929	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.600%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1724	0.155	ug/L	82
6) Bromomethane	1.519	94	479	0.063	ug/L	75
8) Chloroethane	1.375	64	293743	39.360	ug/L #	51
17) Methyl tert-butyl Ether	2.770	73	701	0.034	ug/L #	82
22) cis-1,2-Dichloroethene	3.912	96	633	0.055	ug/L	79
25) Chloroform	4.365	83	1374	0.071	ug/L #	61
34) Trichloroethene	5.921	95	4890	0.414	ug/L	93
35) Methylcyclohexane	6.066	83	16150	0.778	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	7044	0.662	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1463	0.099	ug/L #	54
61) 1,2,3-Trichloropropane	11.239	75	7106	1.584	ug/L #	38

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

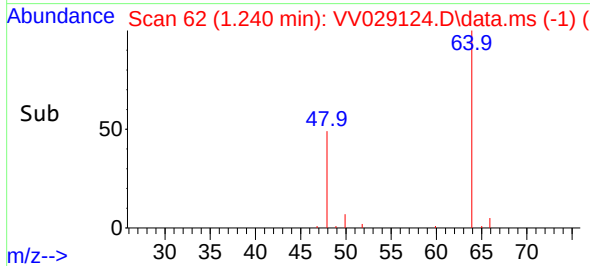
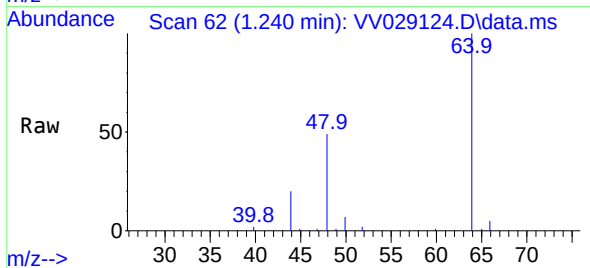
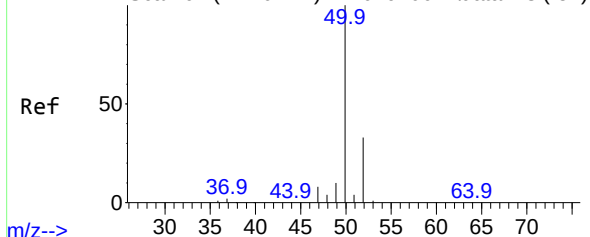
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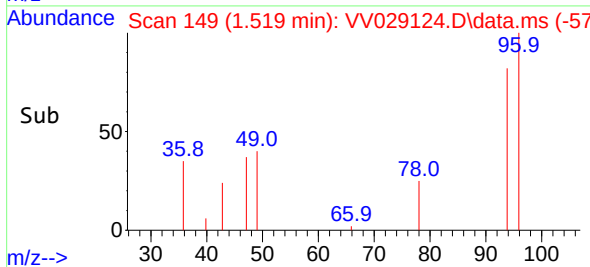
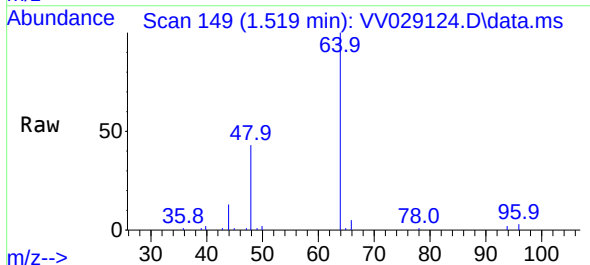
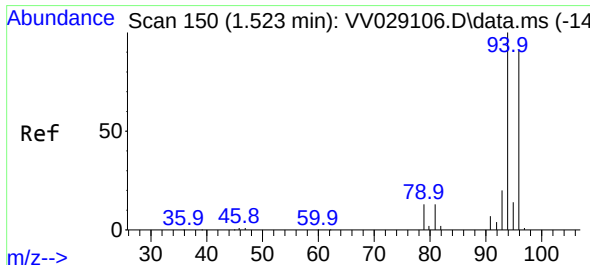
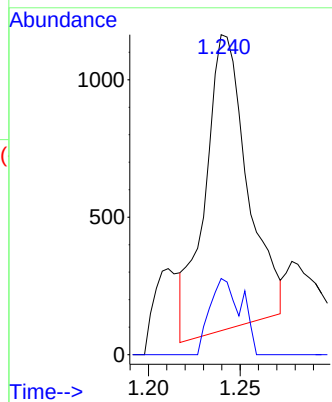
Abundance Scan 62 (1.240 min): VV029106.D\data.ms (-54)



#3
Chloromethane
Concen: 0.155 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029124.D
Acq: 18 Nov 2022 17:36

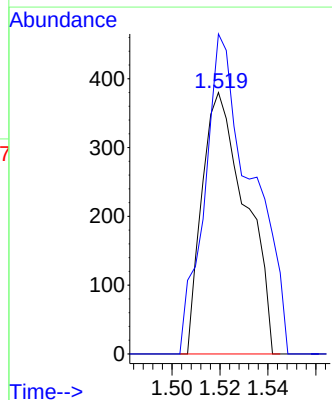
Instrument :
MSVOA_V
ClientSampleId :
BGCE6

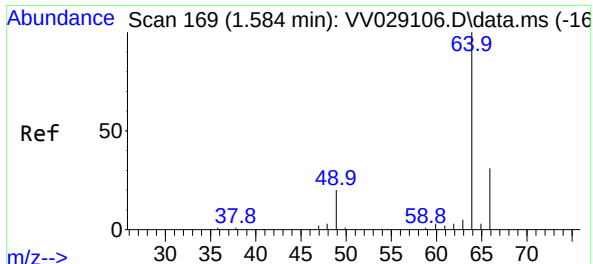
Tgt Ion: 50 Resp: 1724
Ion Ratio Lower Upper
50 100
52 23.8 23.7 43.9



#6
Bromomethane
Concen: 0.063 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.003 min
Lab File: VV029124.D
Acq: 18 Nov 2022 17:36

Tgt Ion: 94 Resp: 479
Ion Ratio Lower Upper
94 100
96 122.4 68.5 127.3

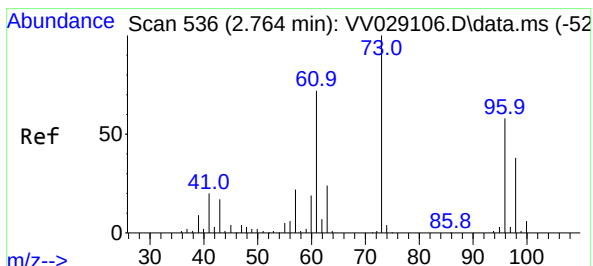
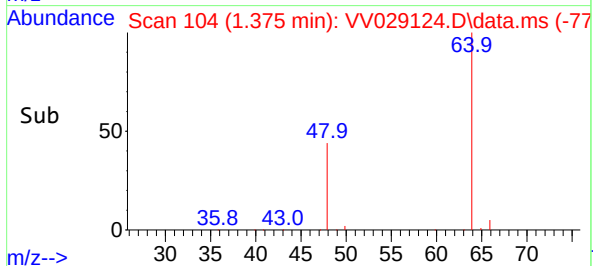
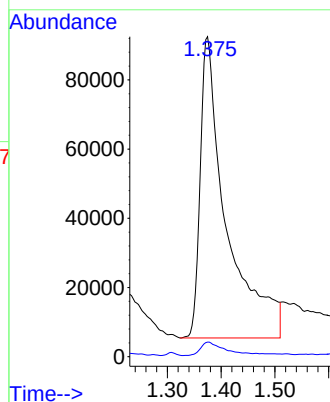
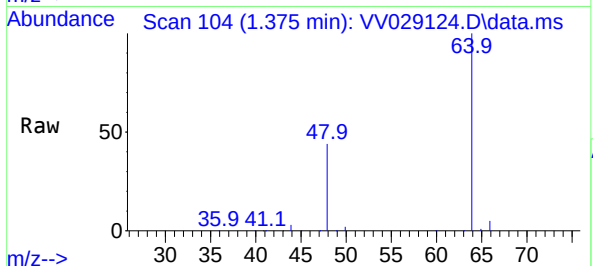




#8
Chloroethane
Concen: 39.360 ug/L
RT: 1.375 min Scan# 104
Delta R.T. -0.212 min
Lab File: VV029124.D
Acq: 18 Nov 2022 17:36

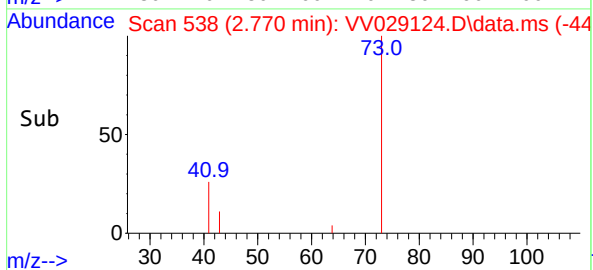
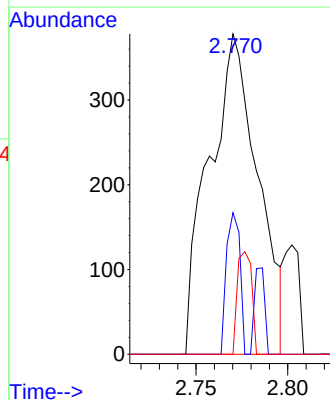
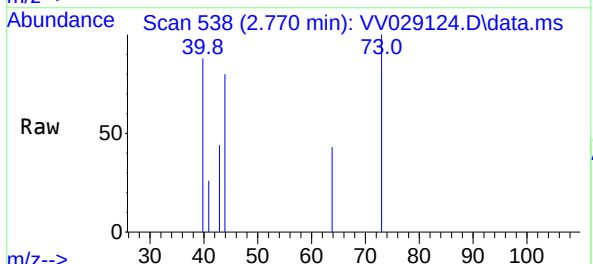
Instrument :
MSVOA_V
ClientSampleId :
BGCE6

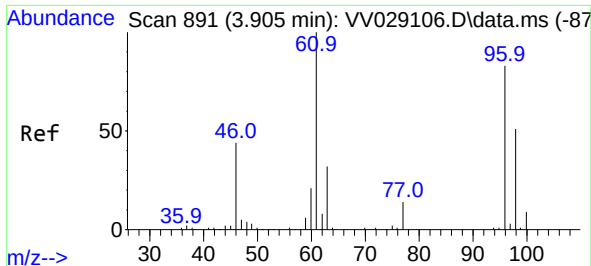
Tgt Ion: 64 Resp: 293743
Ion Ratio Lower Upper
64 100
66 4.6 22.0 40.8#



#17
Methyl tert-butyl Ether
Concen: 0.034 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV029124.D
Acq: 18 Nov 2022 17:36

Tgt Ion: 73 Resp: 701
Ion Ratio Lower Upper
73 100
43 12.1 13.0 19.4#
57 9.4 16.6 24.8#





#22

cis-1,2-Dichloroethene

Concen: 0.055 ug/L

RT: 3.912 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV029124.D

Acq: 18 Nov 2022 17:36

Instrument :

MSVOA_V

ClientSampleId :

BGCE6

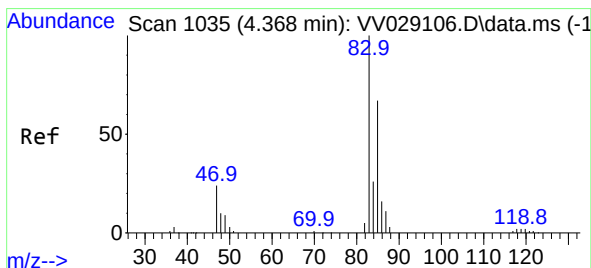
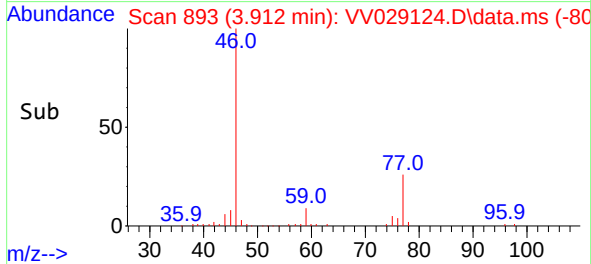
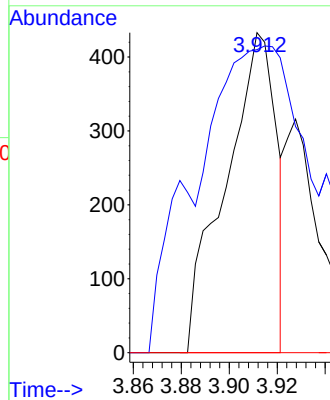
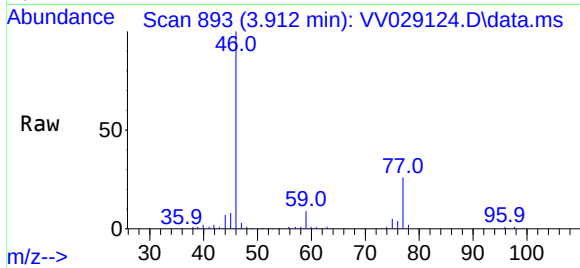
Tgt Ion: 96 Resp: 633

Ion Ratio Lower Upper

96 100

61 94.7 82.3 152.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.071 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.010 min

Lab File: VV029124.D

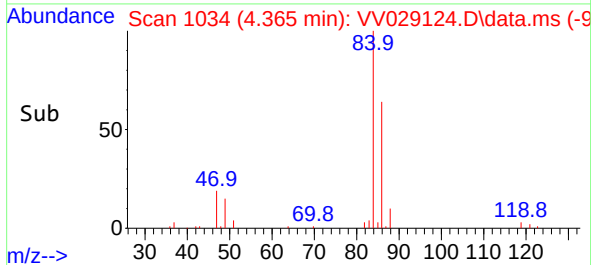
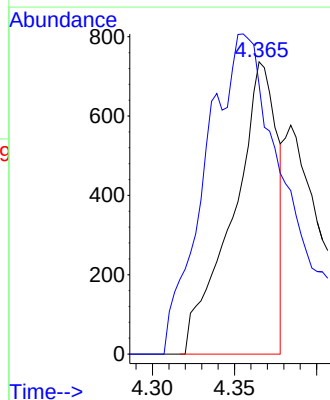
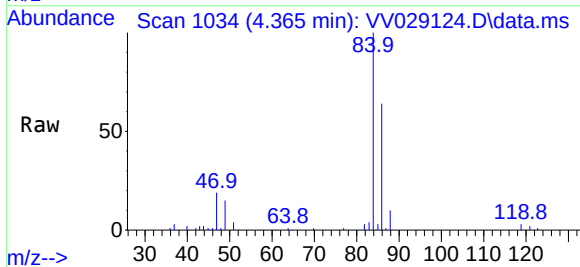
Acq: 18 Nov 2022 17:36

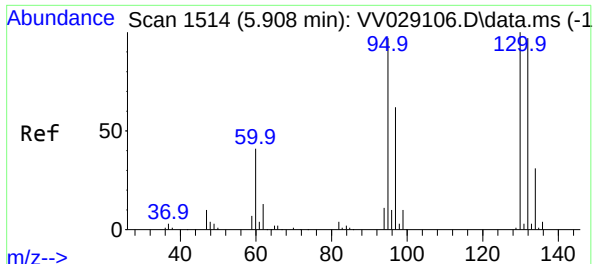
Tgt Ion: 83 Resp: 1374

Ion Ratio Lower Upper

83 100

85 92.1 43.7 81.1#



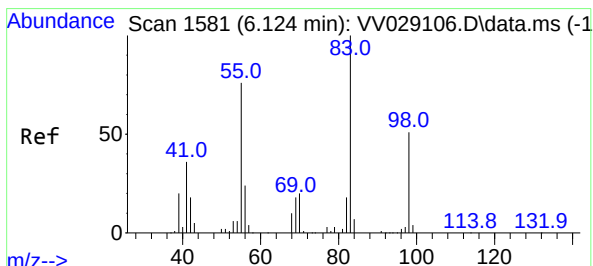
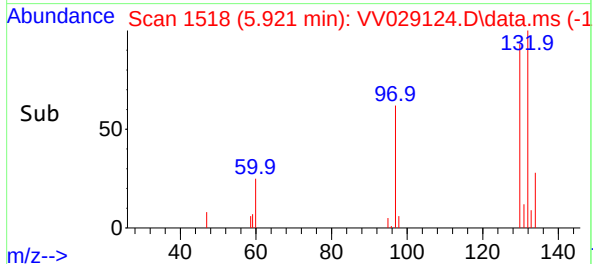
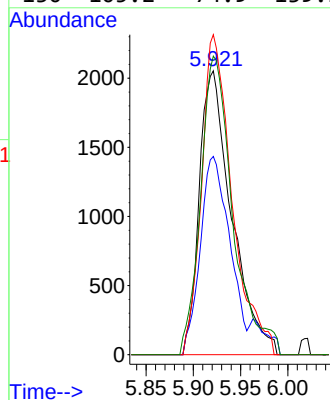
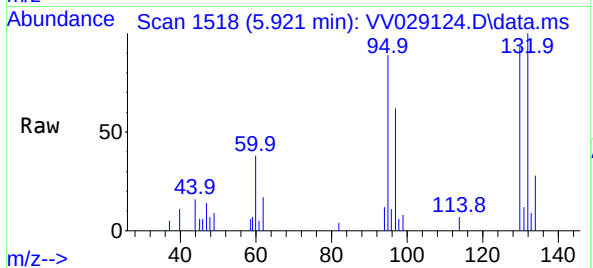


#34
Trichloroethene
Concen: 0.414 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029124.D
Acq: 18 Nov 2022 17:36

Instrument :
MSVOA_V
ClientSampleId :
BGCE6

Tgt Ion: 95 Resp: 4890

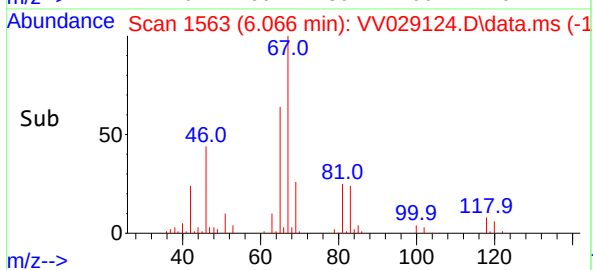
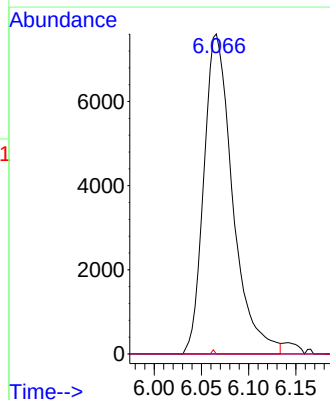
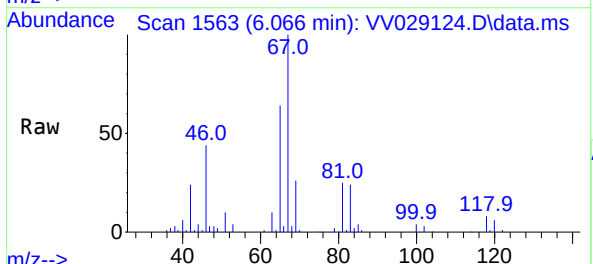
Ion	Ratio	Lower	Upper
95	100		
97	69.8	45.6	84.8
132	112.8	69.1	128.3
130	105.2	74.9	139.1

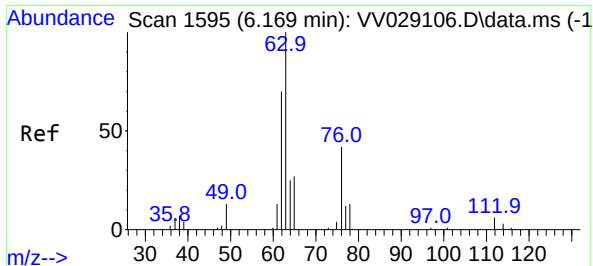


#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029124.D
Acq: 18 Nov 2022 17:36

Tgt Ion: 83 Resp: 16150

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.8	83.6#
98	0.1	38.2	57.2#

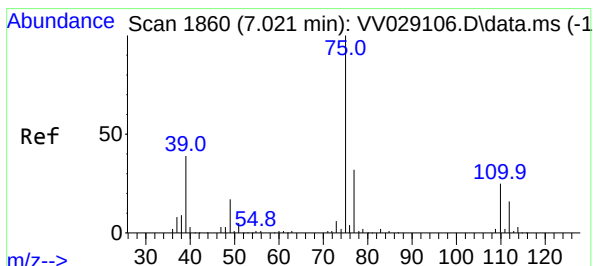
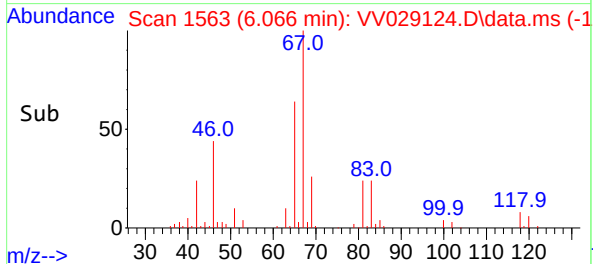
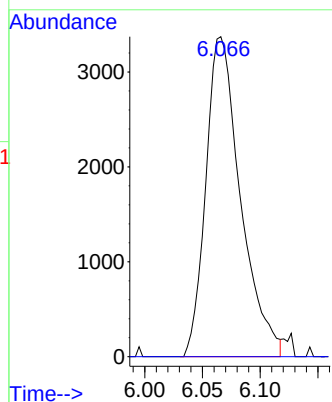
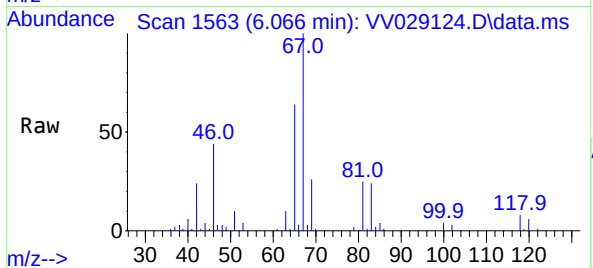




#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV029124.D
Acq: 18 Nov 2022 17:36

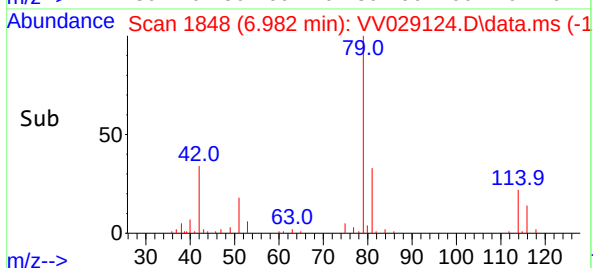
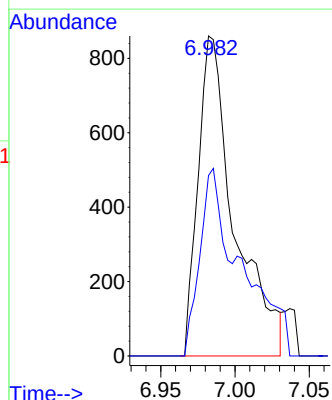
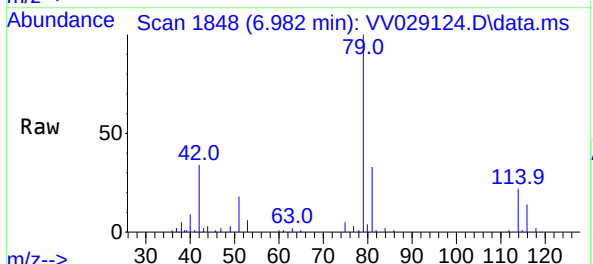
Instrument :
MSVOA_V
ClientSampleId :
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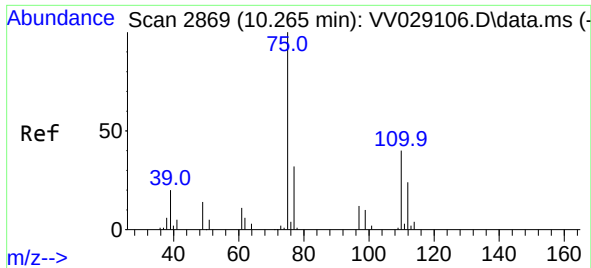
Tgt Ion: 63 Resp: 7044
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.045 min
Lab File: VV029124.D
Acq: 18 Nov 2022 17:36

Tgt Ion: 75 Resp: 1463
Ion Ratio Lower Upper
75 100
77 56.4 21.8 40.6#





#61
1,2,3-Trichloropropane
Concen: 1.584 ug/L
RT: 11.239 min Scan# 31
Delta R.T. 0.971 min
Lab File: VV029124.D
Acq: 18 Nov 2022 17:36

Instrument :
MSVOA_V
ClientSampleId :
BGCE6

Tgt Ion:	75	Resp:	7106
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
110	0.6	32.6	48.8#

