

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110821\
 Data File : VV023276.D
 Acq On : 08 Nov 2021 14:07
 Operator : SY/MD
 Sample : M4492-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 09 05:15:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 05:13:22 2021
 Response via : Initial Calibration

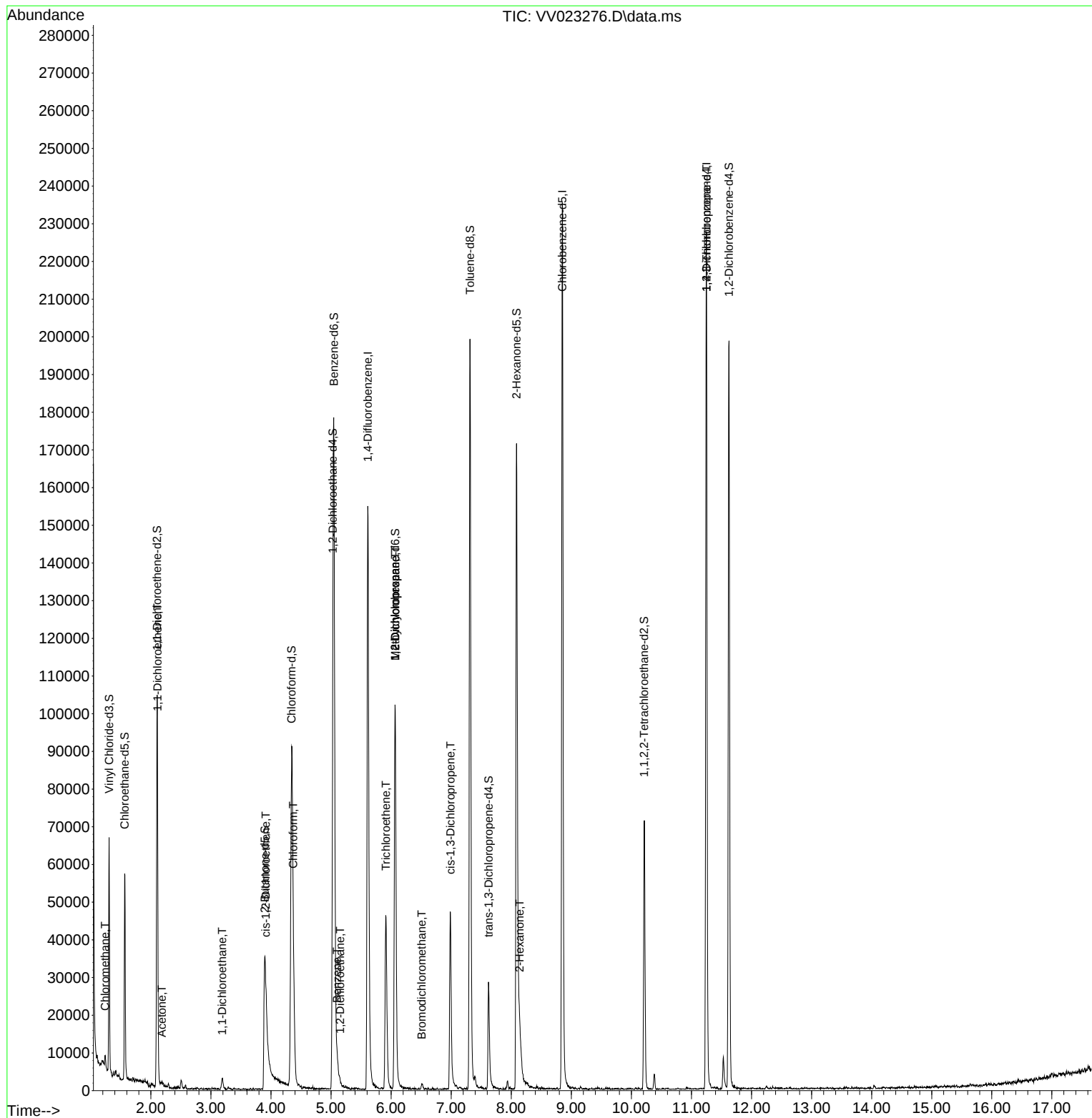
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	137455	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	134513	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61754	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35936	4.173	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.564	69	32598	4.645	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.105	63	54867	3.404	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.000%	
20) 2-Butanone-d5	3.895	46	70814	47.734	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.460%	
24) Chloroform-d	4.342	84	85716	4.671	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.030	65	39978	4.844	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
32) Benzene-d6	5.047	84	159732	4.628	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
36) 1,2-Dichloropropane-d6	6.066	67	50094	4.931	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.313	98	135249	4.182	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	7.622	79	16863	4.377	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5	8.088	63	64393	45.430	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.860%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33912	4.641	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	52991	5.153	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2179	0.191	ug/L	98
12) 1,1-Dichloroethene	2.111	96	742	0.091	ug/L #	1
13) Acetone	2.182	43	1648	1.818	ug/L	94
19) 1,1-Dichloroethane	3.185	63	2954	0.174	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	1361	0.140	ug/L #	80
25) Chloroform	4.371	83	25708	1.418	ug/L	98
27) 1,2-Dichloroethane	5.149	62	1250	0.130	ug/L #	72
33) Benzene	5.098	78	6027	0.160	ug/L	100
34) Trichloroethene	5.911	95	16048	1.605	ug/L	97
35) Methylcyclohexane	6.066	83	12261	0.777	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	5912	0.674	ug/L #	85
38) Bromodichloromethane	6.510	83	1262	0.107	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1136	0.090	ug/L #	60
48) 2-Hexanone	8.140	43	3775	1.323	ug/L #	57
61) 1,2,3-Trichloropropane	11.249	75	6688	1.630	ug/L #	66

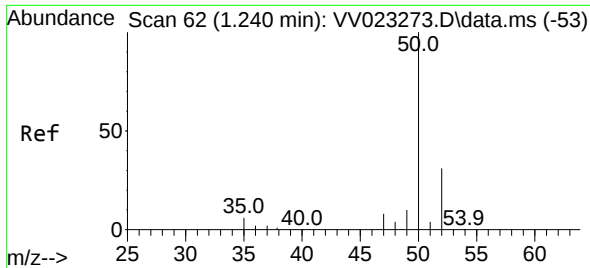
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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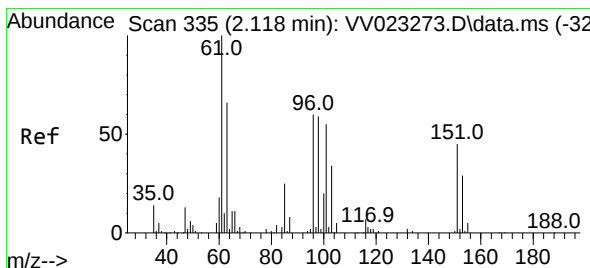
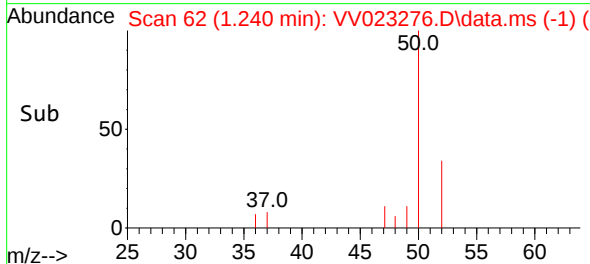
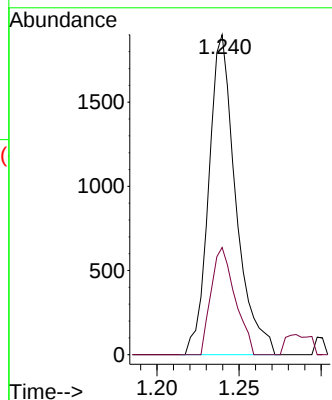
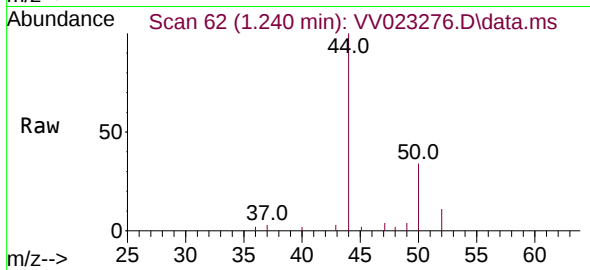




#3
Chloromethane
Concen: 0.191 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023276.D
Acq: 08 Nov 2021 14:07

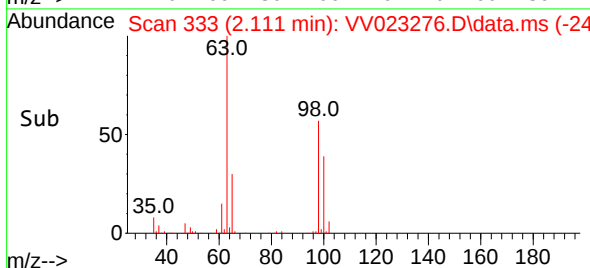
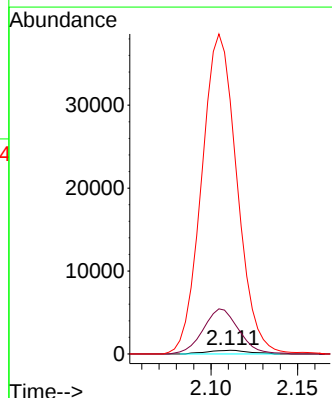
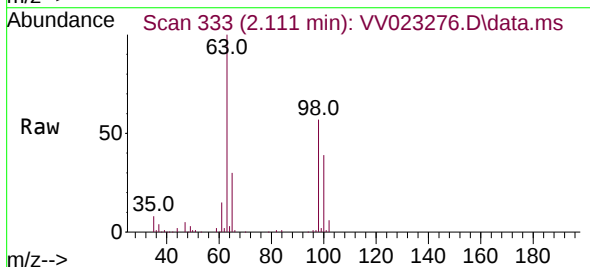
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MSVOA_V
ClientSampleId :

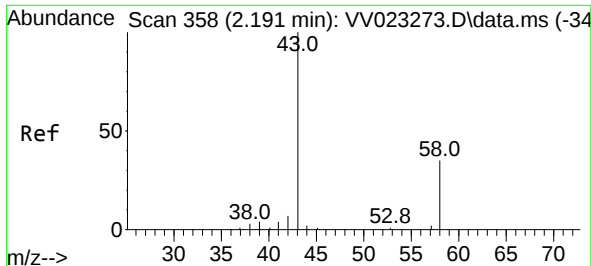
Tgt Ion: 50 Resp: 2179
Ion Ratio Lower Upper
50 100
52 33.5 24.3 45.1



#12
1,1-Dichloroethene
Concen: 0.091 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.007 min
Lab File: VV023276.D
Acq: 08 Nov 2021 14:07

Tgt Ion: 96 Resp: 742
Ion Ratio Lower Upper
96 100
61 1018.4 121.5 225.7#
63 6965.5 99.6 185.0#

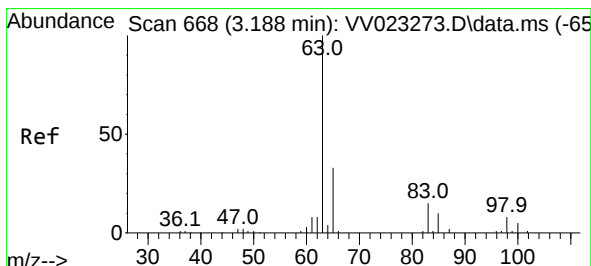
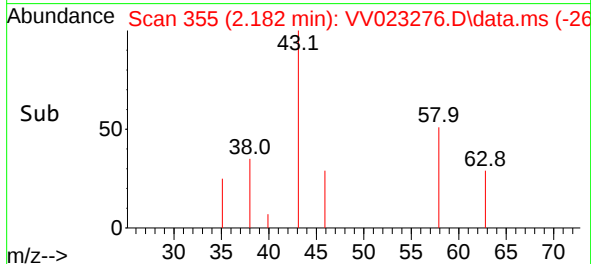
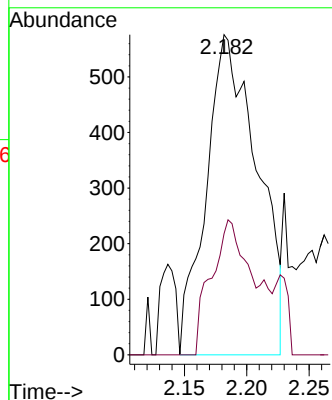
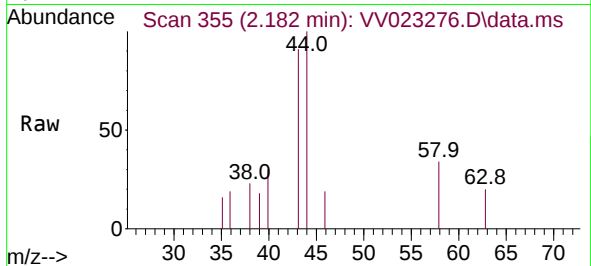




#13
Acetone
Concen: 1.818 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.010 min
Lab File: VV023276.D
Acq: 08 Nov 2021 14:07

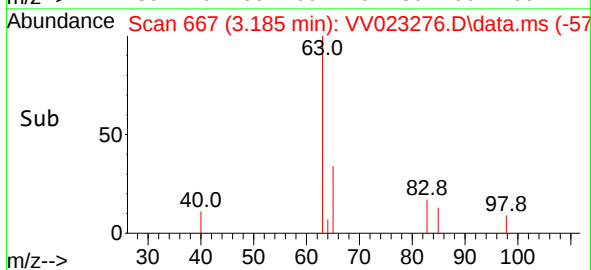
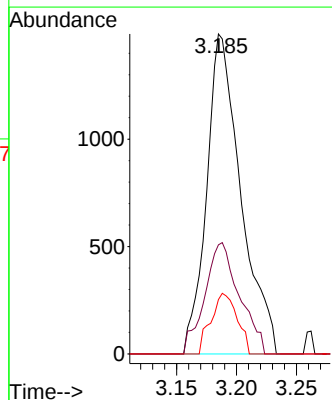
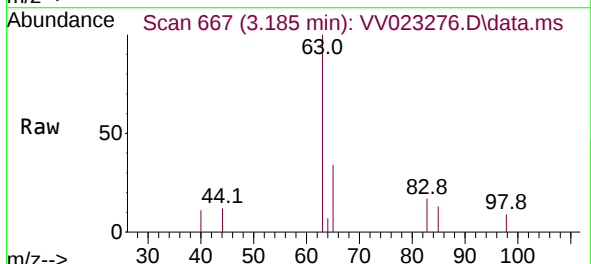
Instrument :
MSVOA_V
ClientSampleId :

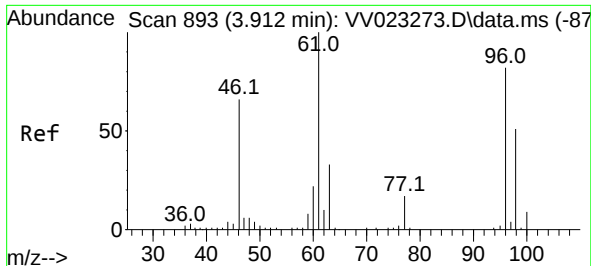
Tgt Ion: 43 Resp: 1648
Ion Ratio Lower Upper
43 100
58 30.9 0.0 55.4



#19
1,1-Dichloroethane
Concen: 0.174 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV023276.D
Acq: 08 Nov 2021 14:07

Tgt Ion: 63 Resp: 2954
Ion Ratio Lower Upper
63 100
65 34.1 22.6 42.0
83 17.0 11.1 20.7

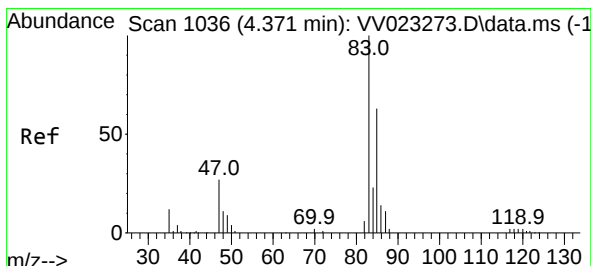
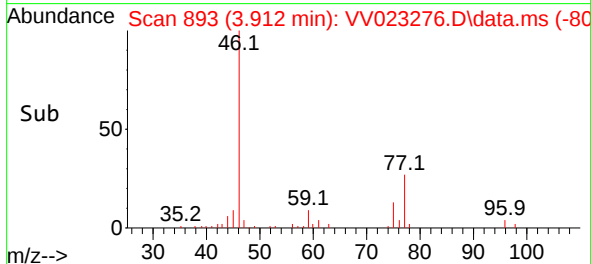
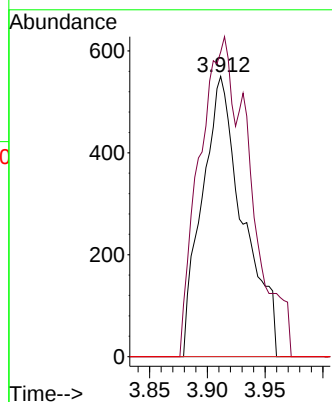
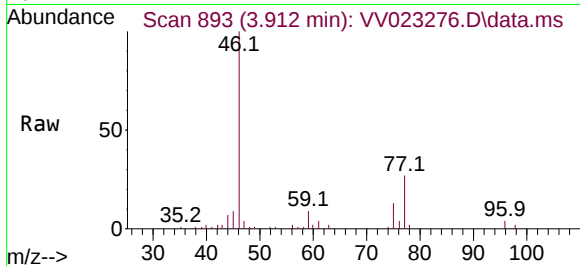




#22
 cis-1,2-Dichloroethene
 Concen: 0.140 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. -0.000 min
 Lab File: VV023276.D
 Acq: 08 Nov 2021 14:07

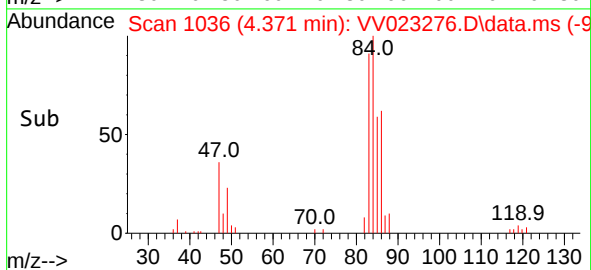
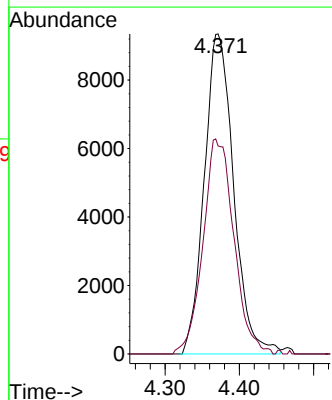
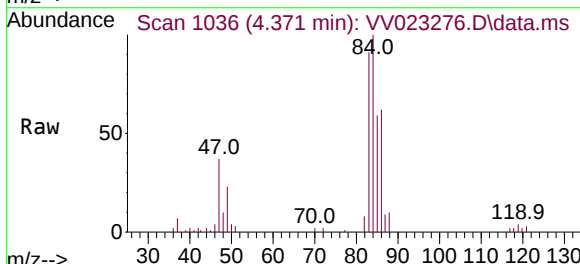
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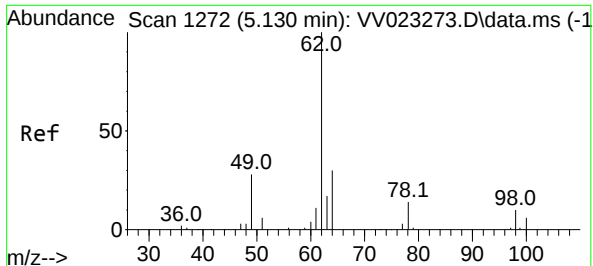
Tgt Ion: 96 Resp: 1361
 Ion Ratio Lower Upper
 96 100
 61 108.7 92.3 171.3
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 1.418 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VV023276.D
 Acq: 08 Nov 2021 14:07

Tgt Ion: 83 Resp: 25708
 Ion Ratio Lower Upper
 83 100
 85 65.0 46.8 86.8

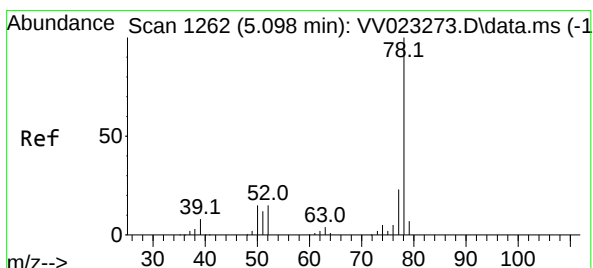
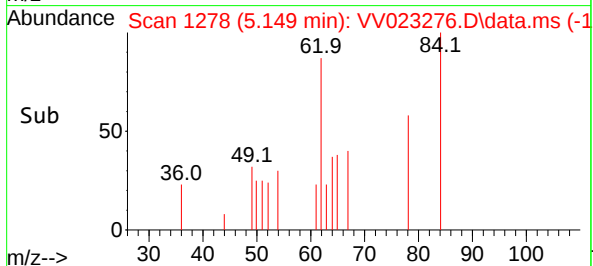
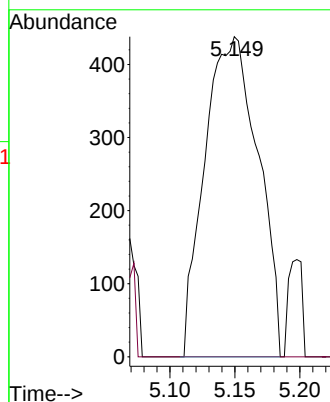
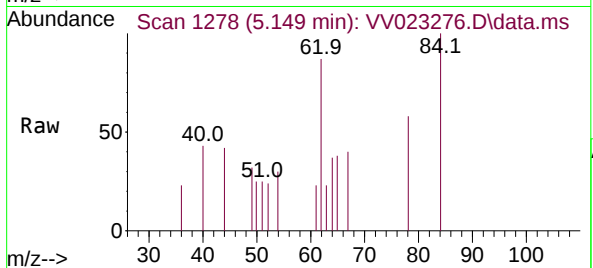




#27
1,2-Dichloroethane
Concen: 0.130 ug/L
RT: 5.149 min Scan# 1278
Delta R.T. 0.019 min
Lab File: VV023276.D
Acq: 08 Nov 2021 14:07

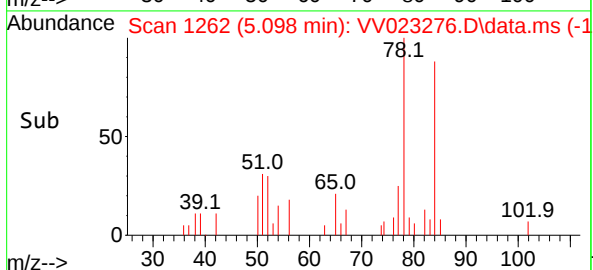
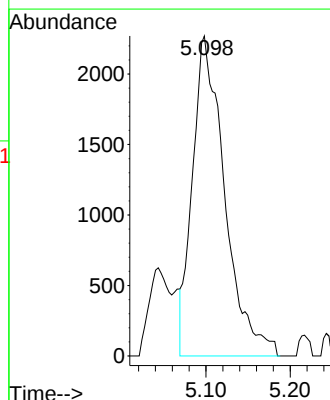
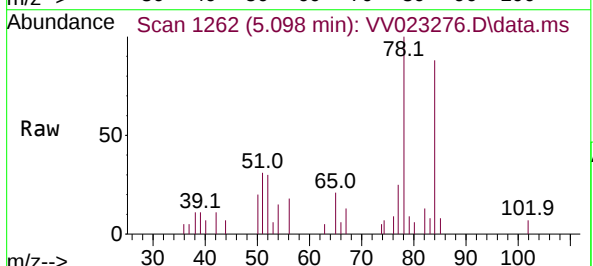
Instrument :
MSVOA_V
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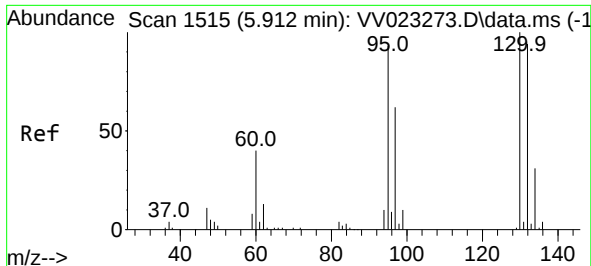
Tgt Ion: 62 Resp: 1250
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#33
Benzene
Concen: 0.160 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV023276.D
Acq: 08 Nov 2021 14:07

Tgt Ion: 78 Resp: 6027



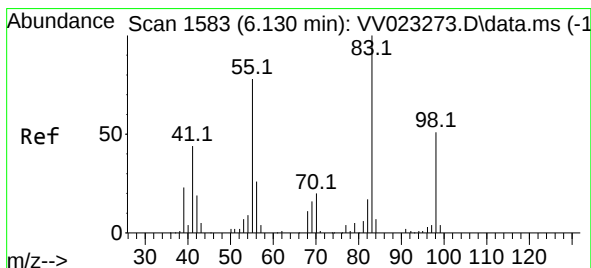
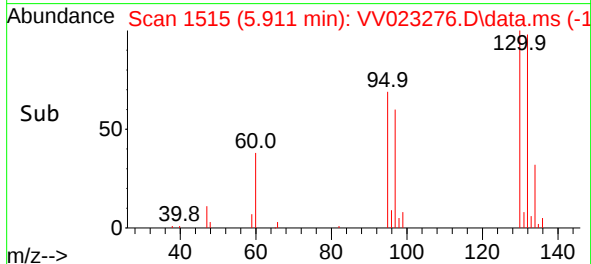
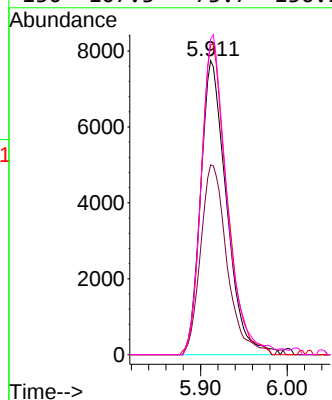
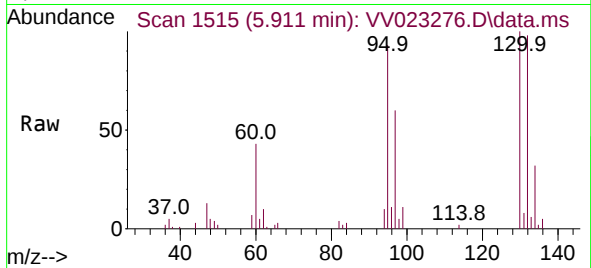


#34
Trichloroethene
Concen: 1.605 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV023276.D
Acq: 08 Nov 2021 14:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 16048

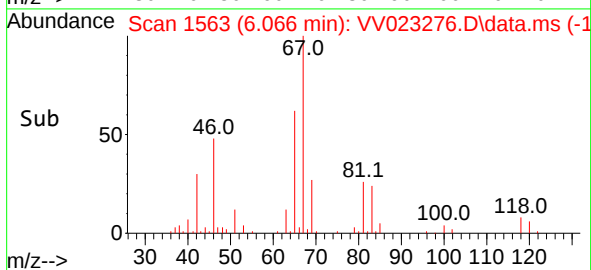
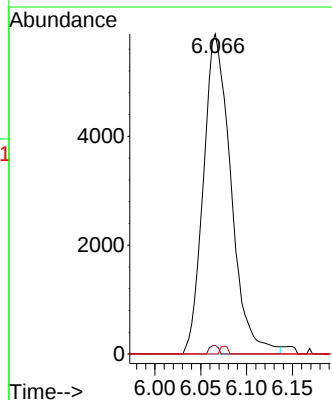
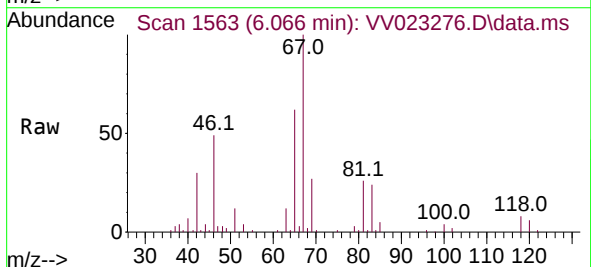
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.0	83.6
132	105.3	69.7	129.4
130	107.3	73.7	136.9

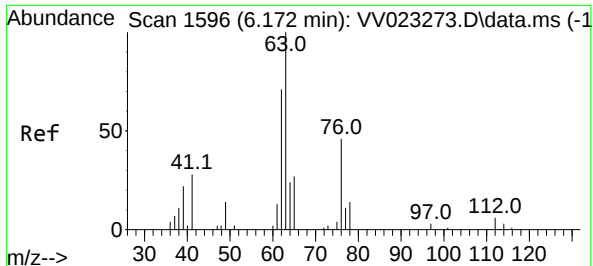


#35
Methylcyclohexane
Concen: 0.777 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV023276.D
Acq: 08 Nov 2021 14:07

Tgt Ion: 83 Resp: 12261

Ion	Ratio	Lower	Upper
83	100		
55	0.8	62.8	94.2#
98	0.6	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.674 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV023276.D

Acq: 08 Nov 2021 14:07

Instrument :

MSVOA_V

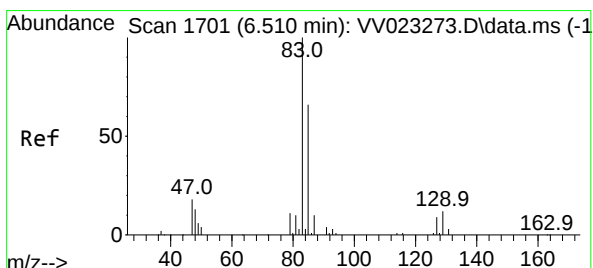
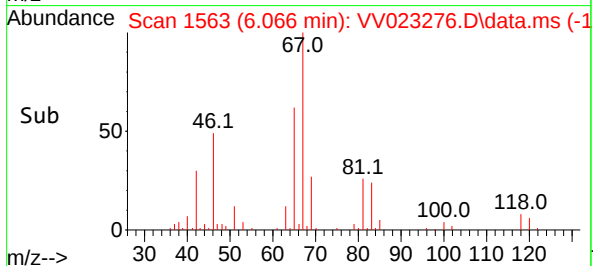
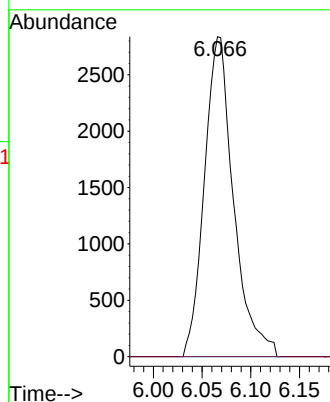
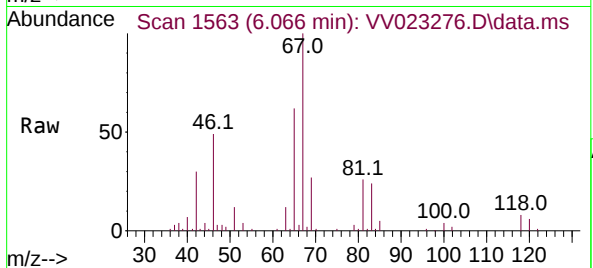
ClientSampleId :

Tgt Ion: 63 Resp: 5912

Ion Ratio Lower Upper

63 100

112 0.7 4.6 6.8#



#38

Bromodichloromethane

Concen: 0.107 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV023276.D

Acq: 08 Nov 2021 14:07

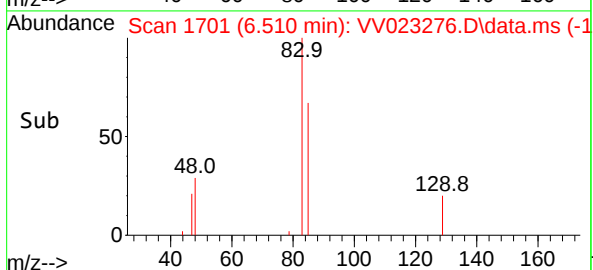
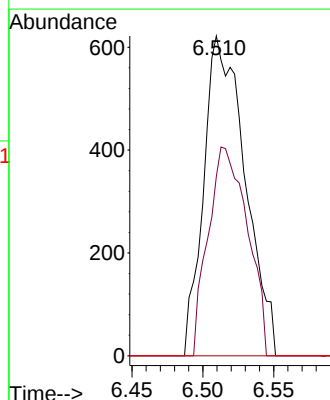
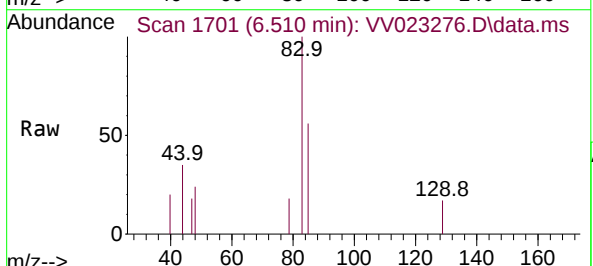
Tgt Ion: 83 Resp: 1262

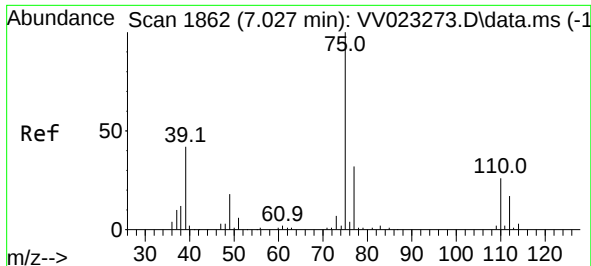
Ion Ratio Lower Upper

83 100

85 56.1 46.1 85.7

127 0.0 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.989 min Scan# 1136

Delta R.T. -0.039 min

Lab File: VV023276.D

Acq: 08 Nov 2021 14:07

Instrument :

MSVOA_V

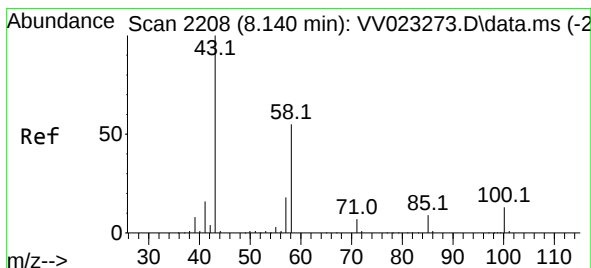
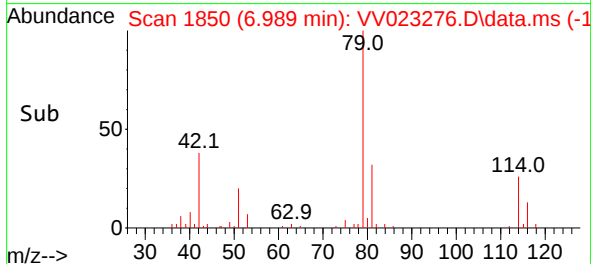
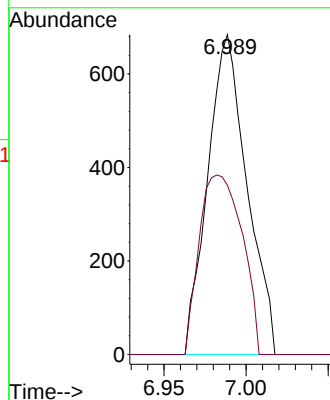
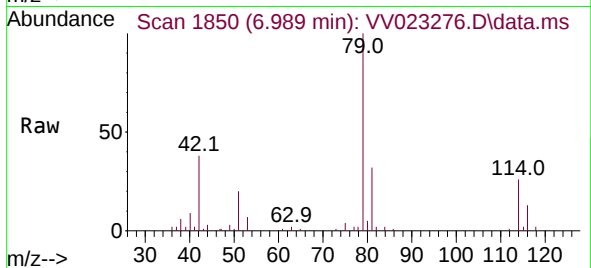
ClientSampleId :

Tgt Ion: 75 Resp: 1136

Ion Ratio Lower Upper

75 100

77 52.9 21.6 40.2#



#48

2-Hexanone

Concen: 1.323 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VV023276.D

Acq: 08 Nov 2021 14:07

Tgt Ion: 43 Resp: 3775

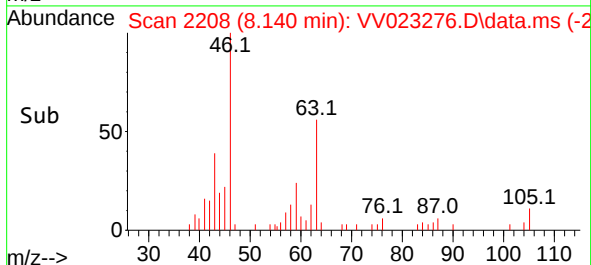
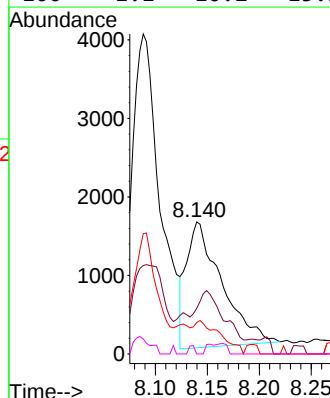
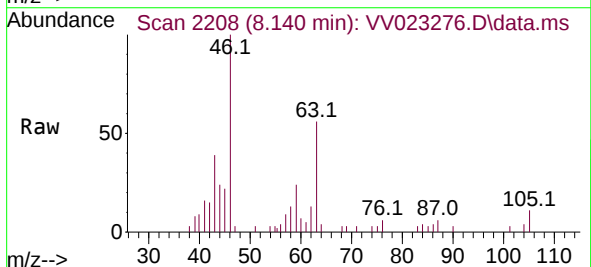
Ion Ratio Lower Upper

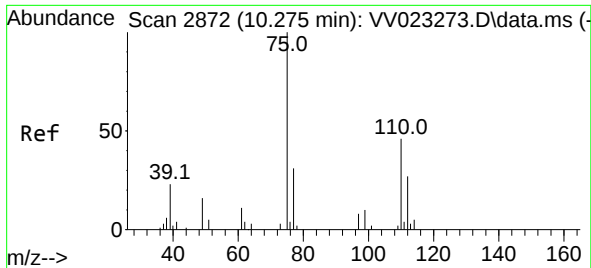
43 100

58 12.4 43.7 65.5#

57 20.1 14.1 21.1

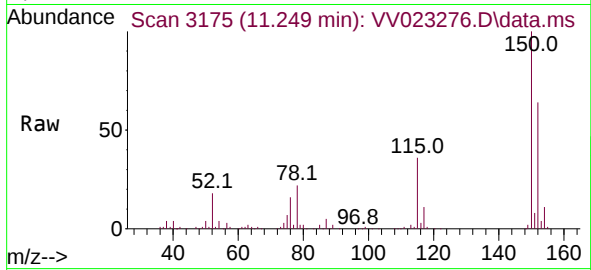
100 1.1 10.2 15.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.630 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023276.D
 Acq: 08 Nov 2021 14:07

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6688

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.6	39.8
110	3.3	31.8	47.6#

