

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029326.D
 Acq On : 24 Nov 2022 04:49
 Operator : SY/MD
 Sample : N5694-04DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 25 00:22:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:08:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	248220	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	216841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	110790	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	91178	5.969	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.400%
7) Chloroethane-d5	1.564	69	70644	6.318	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.400%
11) 1,1-Dichloroethene-d2	2.105	63	112118	4.587	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	3.905	46	148040	57.932	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.860%
24) Chloroform-d	4.339	84	166151	6.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.800%
26) 1,2-Dichloroethane-d4	5.024	65	77677	6.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.400%
32) Benzene-d6	5.043	84	366494	6.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.400%
36) 1,2-Dichloropropane-d6	6.063	67	107733	6.397	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	128.000%
41) Toluene-d8	7.307	98	332494	5.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.600%
43) trans-1,3-Dichloroprop...	7.616	79	36268	5.586	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.800%
46) 2-Hexanone-d5	8.085	63	153400	66.283	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.560%#
56) 1,1,2,2-Tetrachloroeth...	10.207	84	68270	6.570	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	131.400%#
66) 1,2-Dichlorobenzene-d4	11.612	152	118632	6.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.217	85	1726	0.093	ug/L	94
3) Chloromethane	1.240	50	722	0.043	ug/L #	70
5) Vinyl chloride	1.307	62	7345	0.434	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1185	0.090	ug/L #	17
12) 1,1-Dichloroethene	2.114	96	9818	0.769	ug/L #	1
16) Methylene chloride	2.500	84	15923	0.817	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	2713	0.185	ug/L	94
19) 1,1-Dichloroethane	3.182	63	94678	3.591	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	144466	8.622	ug/L	96
27) 1,2-Dichloroethane	5.137	62	3043	0.204	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	853	0.034	ug/L #	60
33) Benzene	5.095	78	11616	0.179	ug/L	100
34) Trichloroethene	5.908	95	23841	1.441	ug/L	97
35) Methylcyclohexane	6.063	83	25357	0.908	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	11570	0.757	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2527	0.113	ug/L #	60
44) trans-1,3-Dichloropropene	7.619	75	1752	0.099	ug/L #	81
61) 1,2,3-Trichloropropane	11.236	75	12063	1.570	ug/L #	65
71) Naphthalene	13.493	128	2762	0.143	ug/L #	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 04:08:22 2022
Response via : Initial Calibration

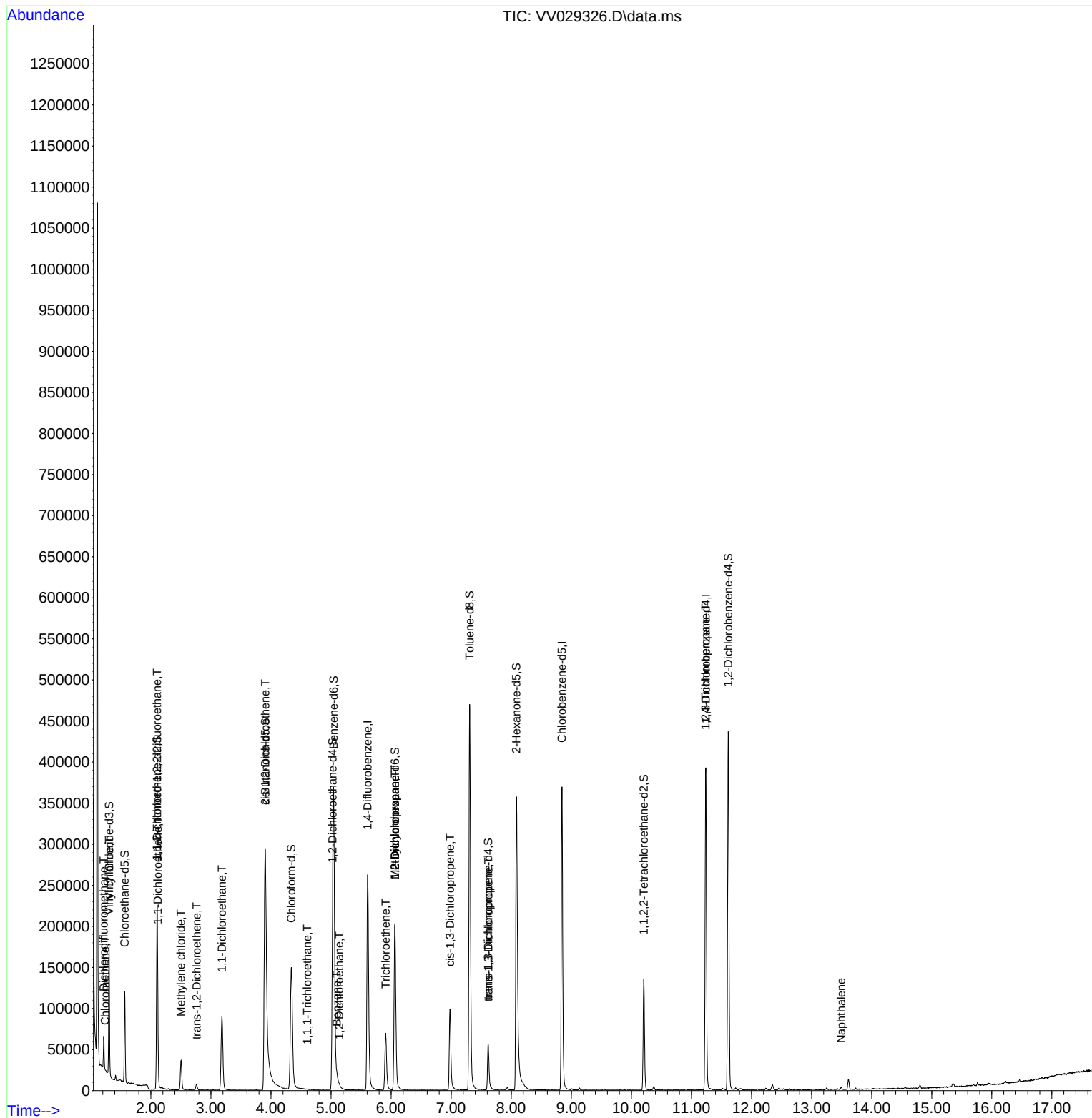
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

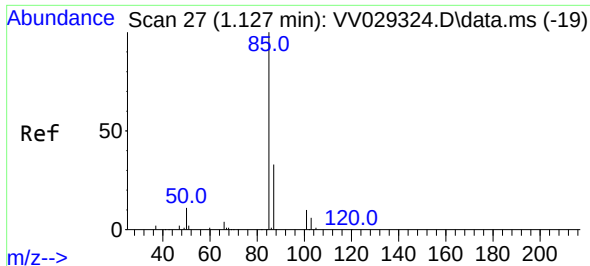
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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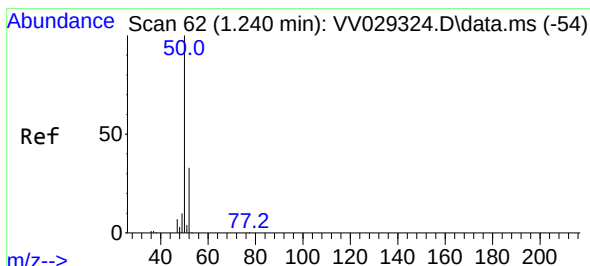
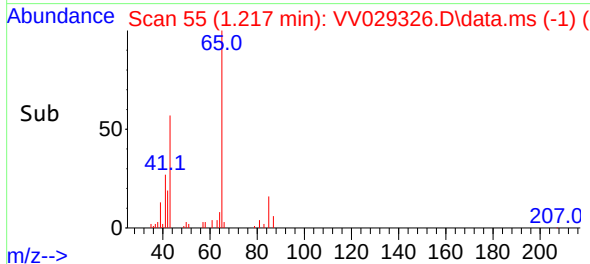
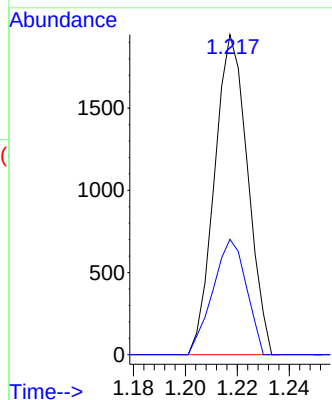
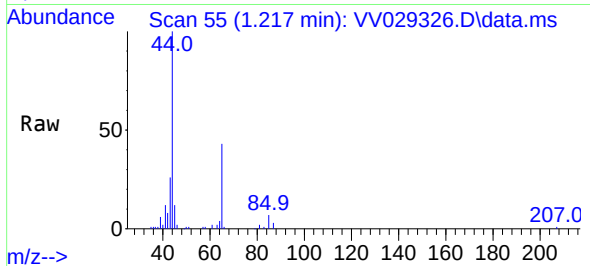




#2
Dichlorodifluoromethane
Concen: 0.093 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.090 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

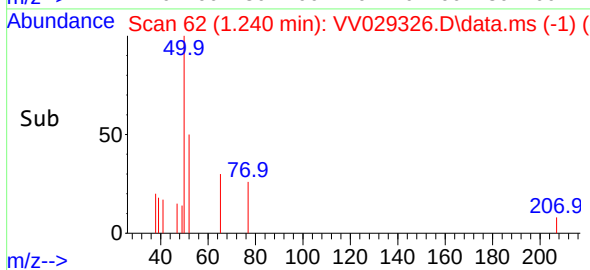
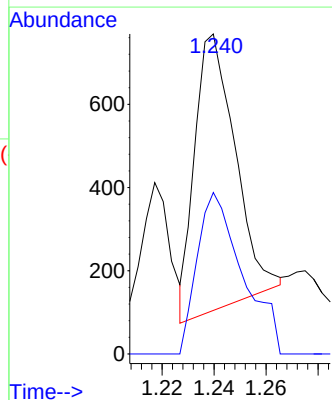
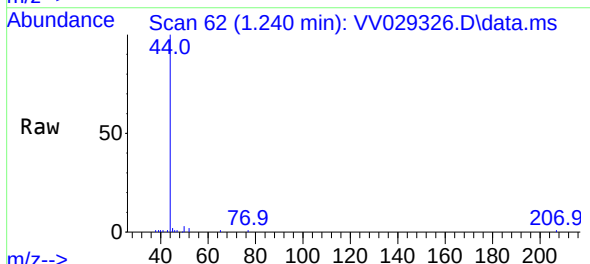
Instrument :
MSVOA_V
ClientSampleId :

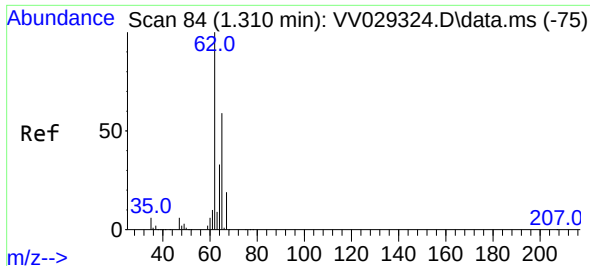
Tgt Ion: 85 Resp: 1726
Ion Ratio Lower Upper
85 100
87 36.4 26.2 39.4



#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

Tgt Ion: 50 Resp: 722
Ion Ratio Lower Upper
50 100
52 50.5 23.2 43.2#

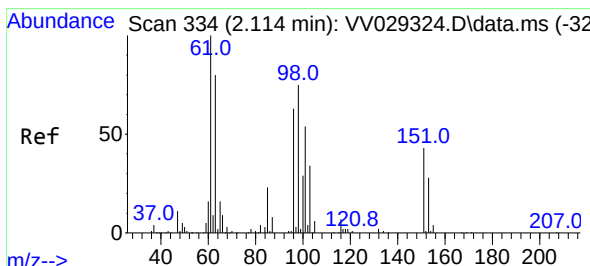
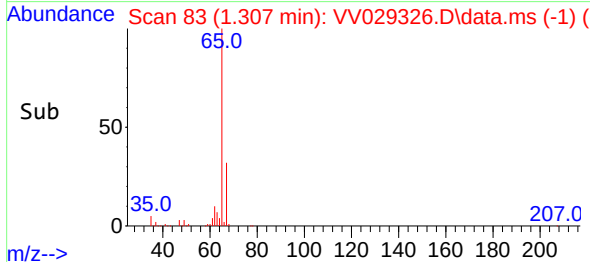
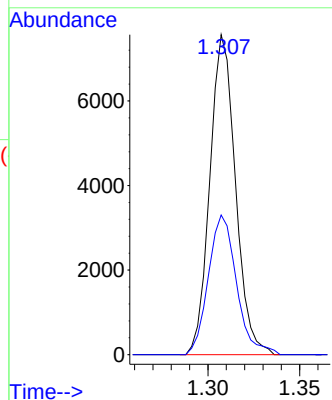
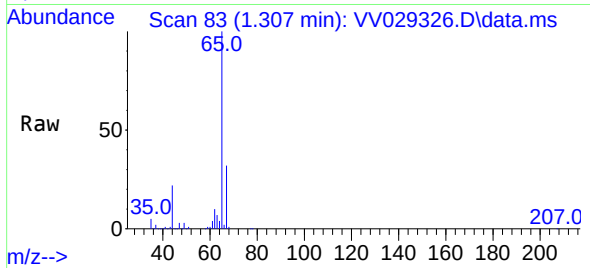




#5
Vinyl chloride
Concen: 0.434 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

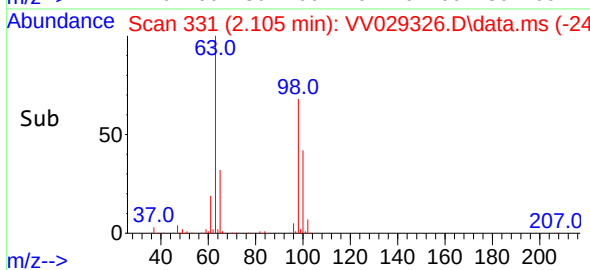
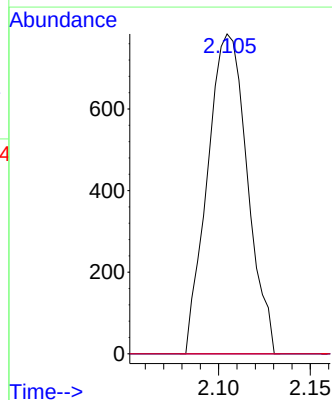
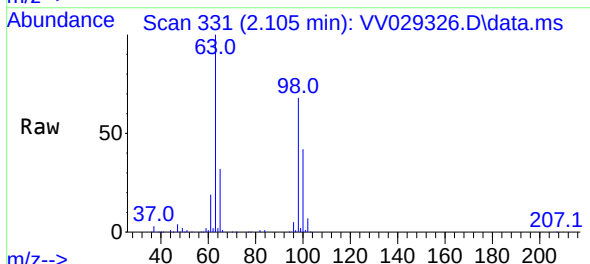
Instrument :
MSVOA_V
ClientSampleId :

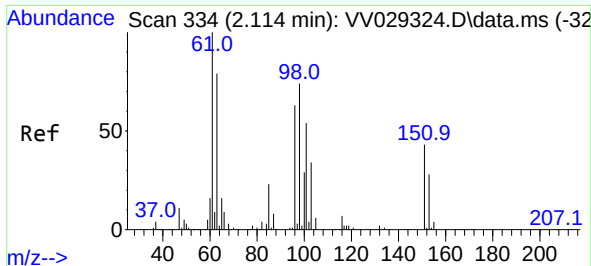
Tgt Ion: 62 Resp: 7345
Ion Ratio Lower Upper
62 100
64 43.7 23.4 43.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

Tgt Ion: 101 Resp: 1185
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 0.0 65.3 97.9#





#12

1,1-Dichloroethene

Concen: 0.769 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.000 min

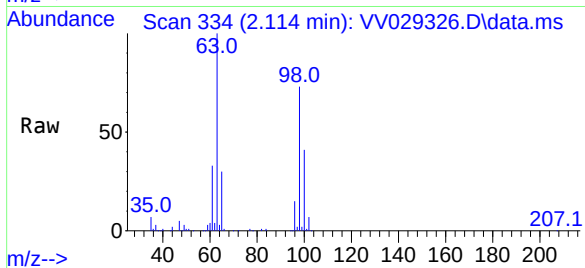
Lab File: VV029326.D

Acq: 24 Nov 2022 04:49

Instrument :

MSVOA_V

ClientSampleId :



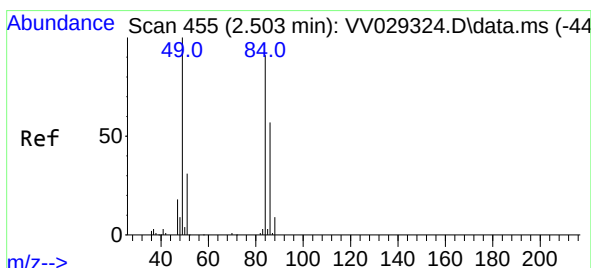
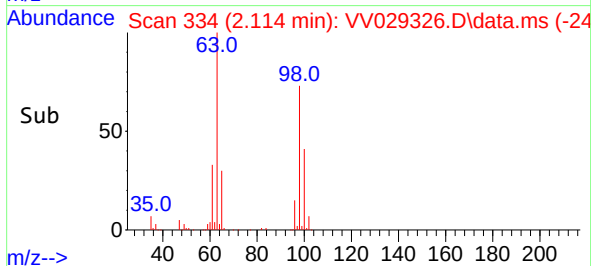
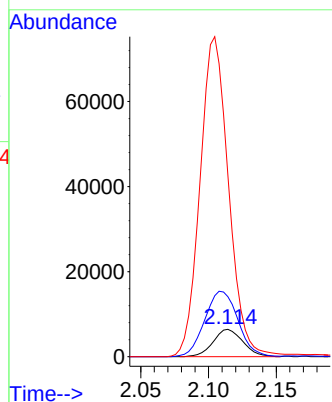
Tgt Ion: 96 Resp: 9818

Ion Ratio Lower Upper

96 100

61 219.3 110.3 204.9#

63 663.1 84.4 156.8#



#16

Methylene chloride

Concen: 0.817 ug/L

RT: 2.500 min Scan# 454

Delta R.T. -0.003 min

Lab File: VV029326.D

Acq: 24 Nov 2022 04:49

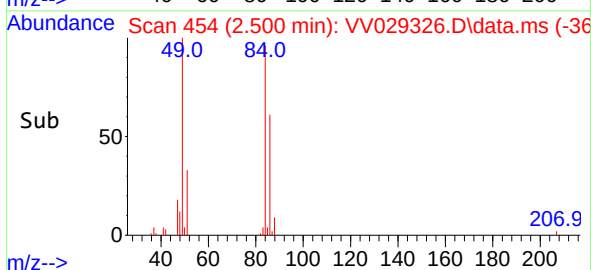
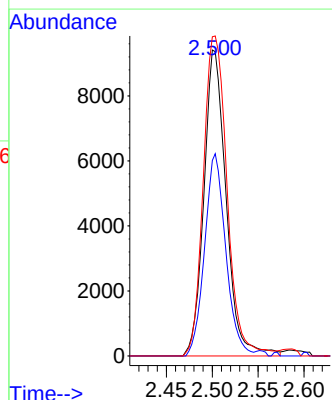
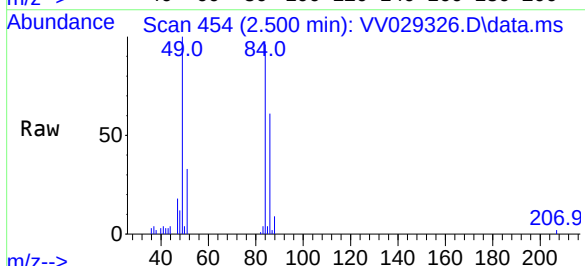
Tgt Ion: 84 Resp: 15923

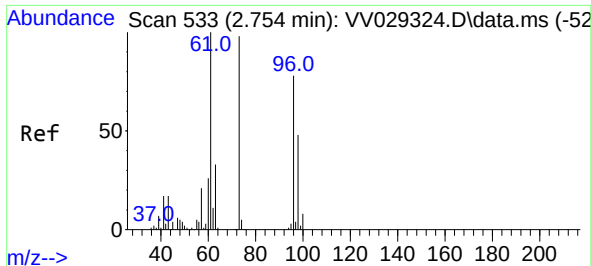
Ion Ratio Lower Upper

84 100

86 63.9 45.6 84.6

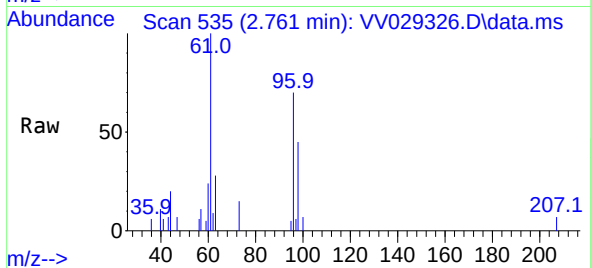
49 104.4 77.8 144.4



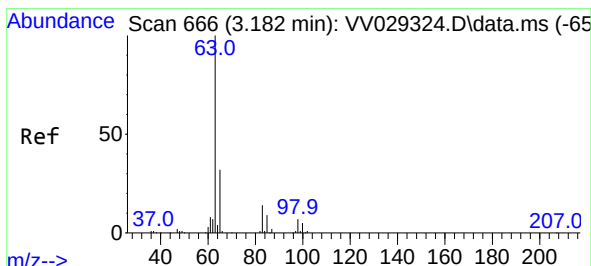
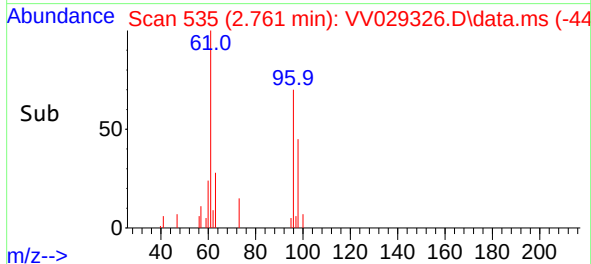
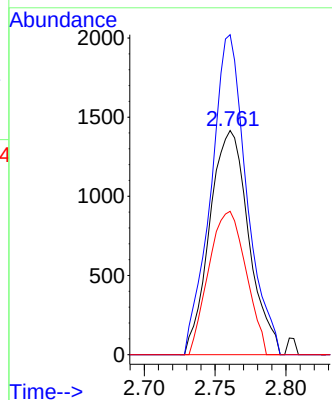


#18
trans-1,2-Dichloroethene
Concen: 0.185 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

Instrument :
MSVOA_V
ClientSampleId :

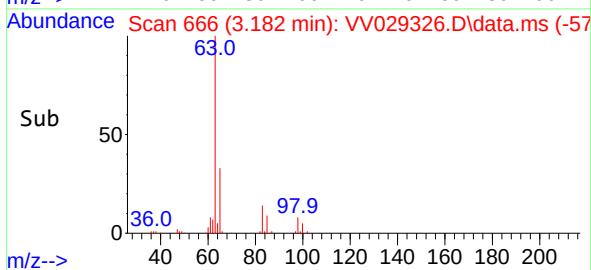
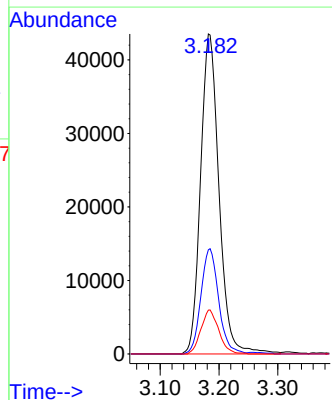
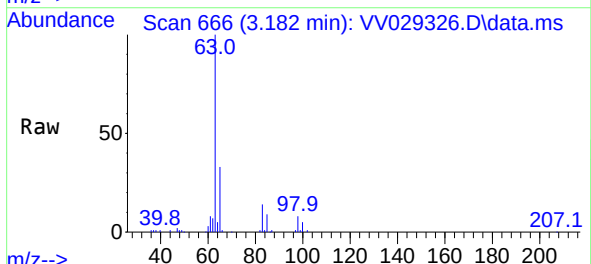


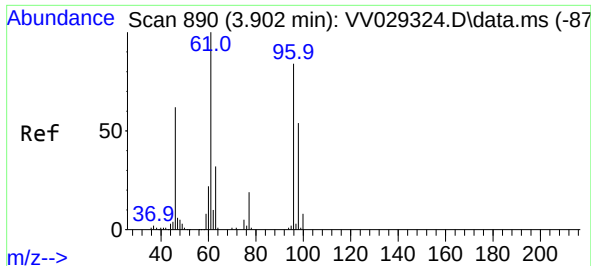
Tgt Ion: 96 Resp: 2713
Ion Ratio Lower Upper
96 100
61 142.7 93.0 172.6
98 63.9 44.0 81.8



#19
1,1-Dichloroethane
Concen: 3.591 ug/L
RT: 3.182 min Scan# 666
Delta R.T. -0.000 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

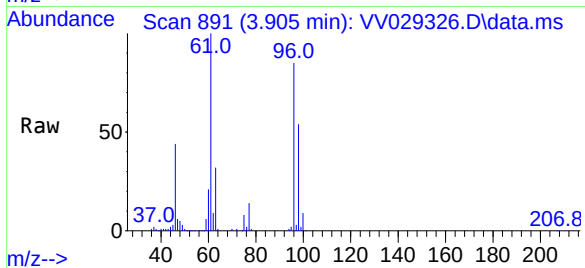
Tgt Ion: 63 Resp: 94678
Ion Ratio Lower Upper
63 100
65 32.5 21.6 40.2
83 13.7 10.3 19.1





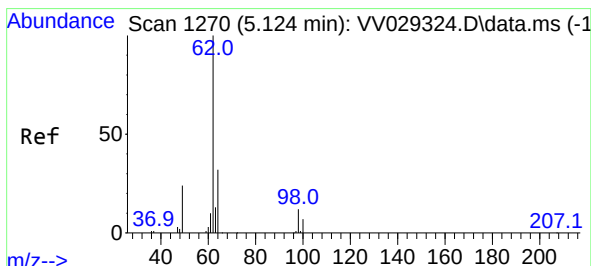
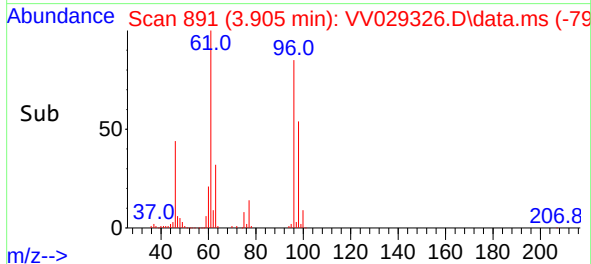
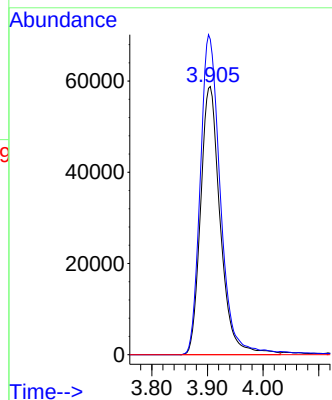
#22
 cis-1,2-Dichloroethene
 Concen: 8.622 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029326.D
 Acq: 24 Nov 2022 04:49

Instrument :
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Tgt Ion: 96 Resp: 144466

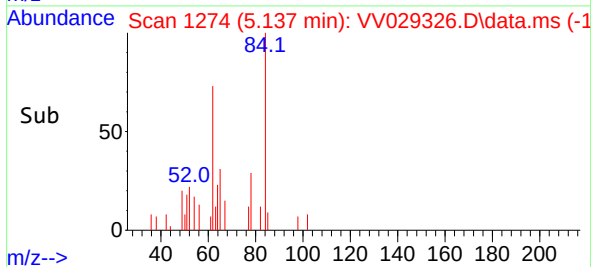
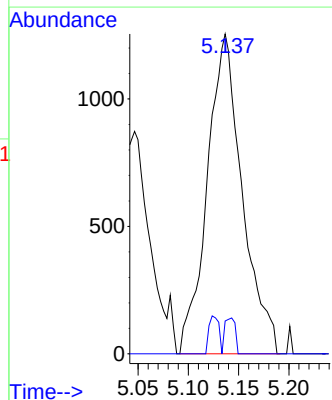
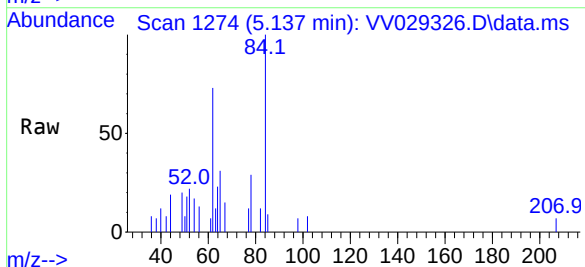
Ion	Ratio	Lower	Upper
96	100		
61	117.6	85.8	159.3
68	0.0	0.0	0.0

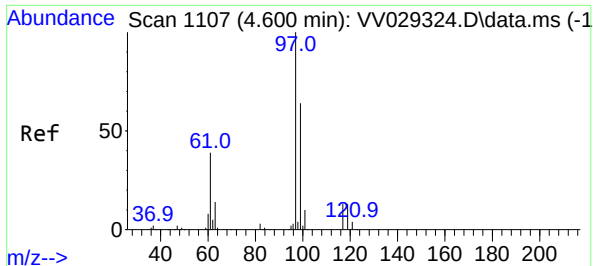


#27
 1,2-Dichloroethane
 Concen: 0.204 ug/L
 RT: 5.137 min Scan# 1274
 Delta R.T. 0.013 min
 Lab File: VV029326.D
 Acq: 24 Nov 2022 04:49

Tgt Ion: 62 Resp: 3043

Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.4	12.6

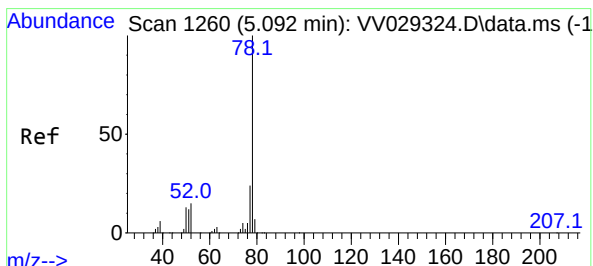
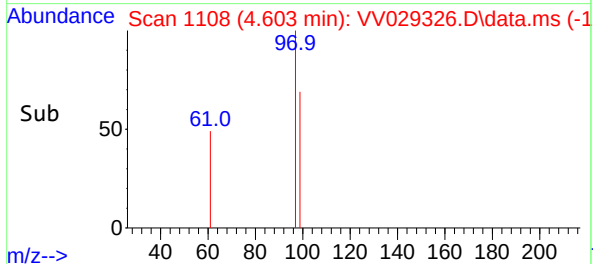
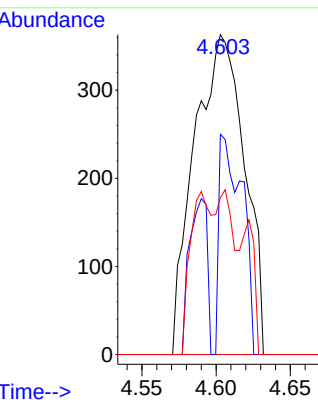
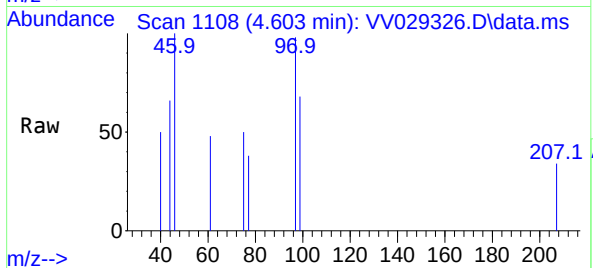




#29
1,1,1-Trichloroethane
Concen: 0.034 ug/L
RT: 4.603 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

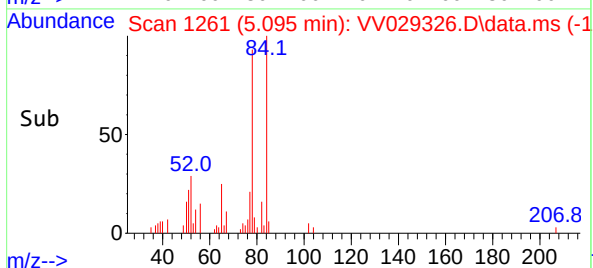
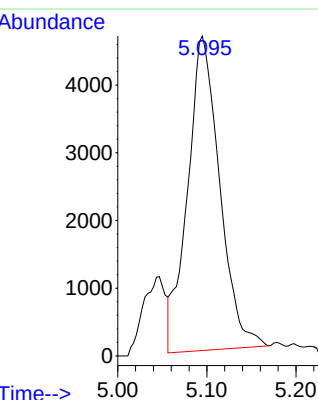
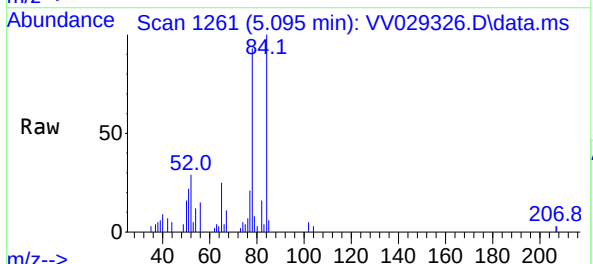
Instrument :
MSVOA_V
ClientSampleId :

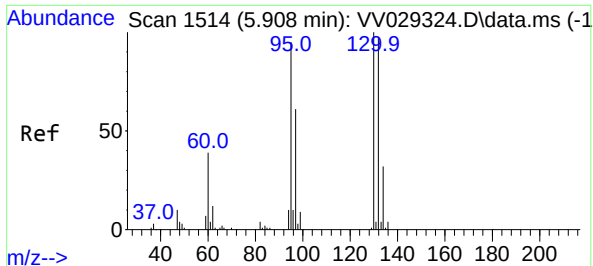
Tgt Ion	Ratio	Lower	Upper
97	100		
99	31.9	51.2	76.8#
61	17.2	33.3	49.9#



#33
Benzene
Concen: 0.179 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

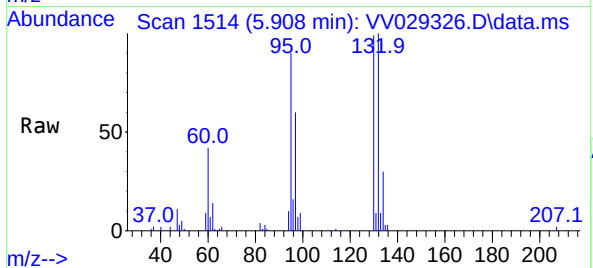
Tgt Ion: 78 Resp: 11616





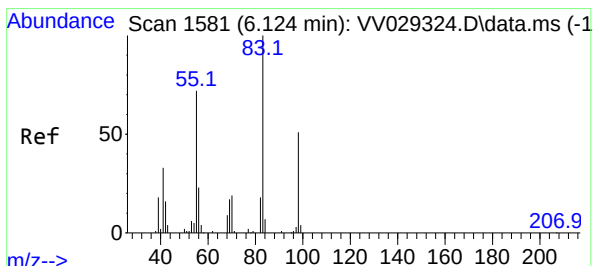
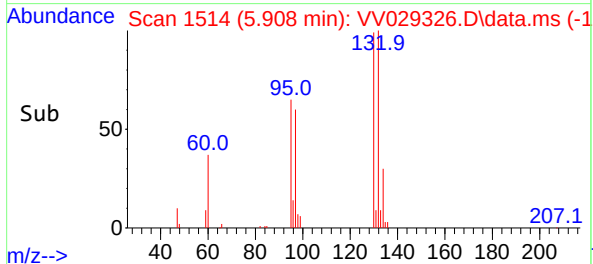
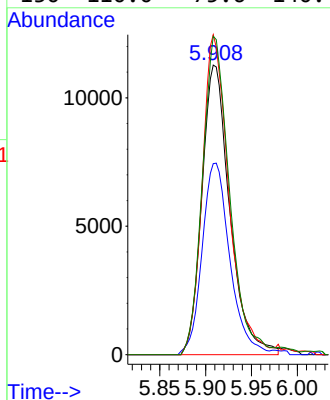
#34
Trichloroethene
Concen: 1.441 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 23841

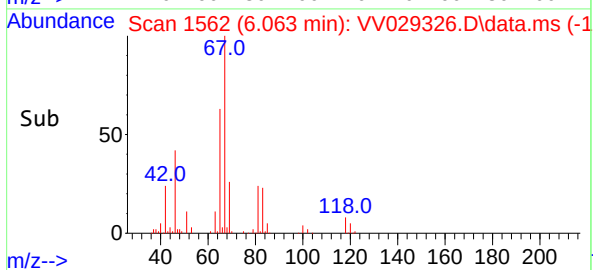
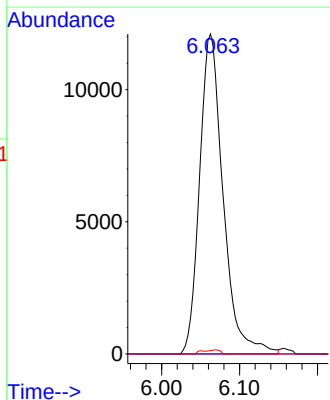
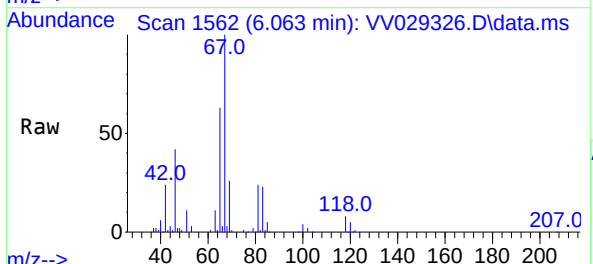
Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.4	84.4
132	110.5	73.3	136.1
130	110.0	75.6	140.4

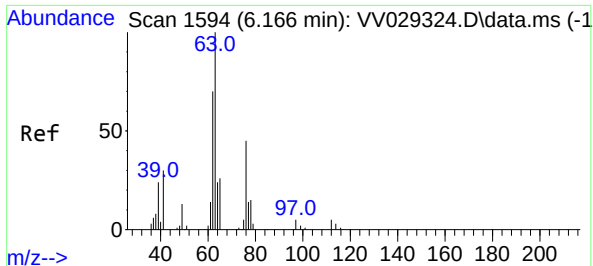


#35
Methylcyclohexane
Concen: 0.908 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

Tgt Ion: 83 Resp: 25357

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	0.6	39.4	59.2#

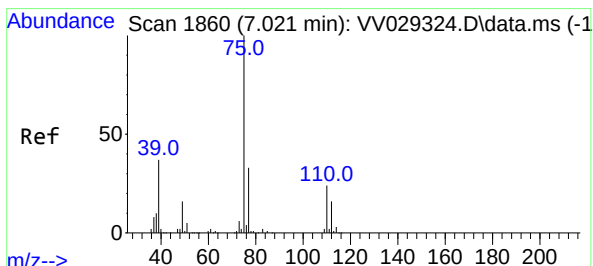
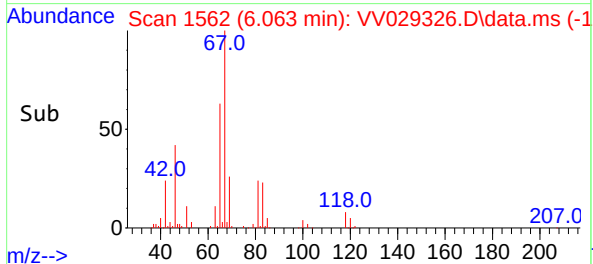
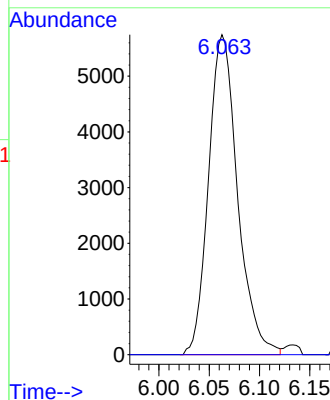
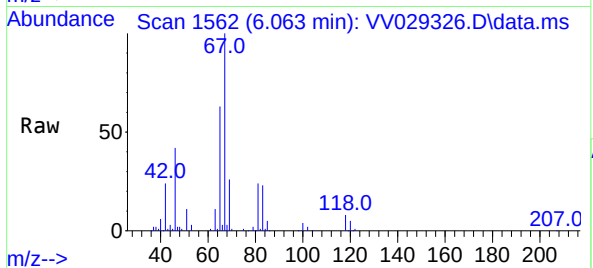




#37
1,2-Dichloropropane
Concen: 0.757 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

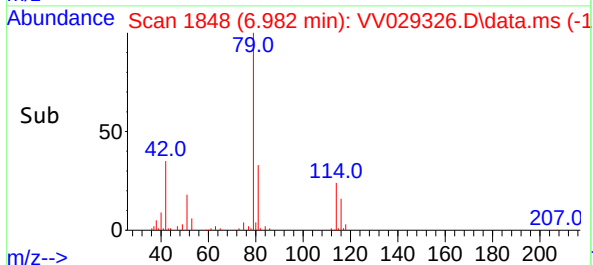
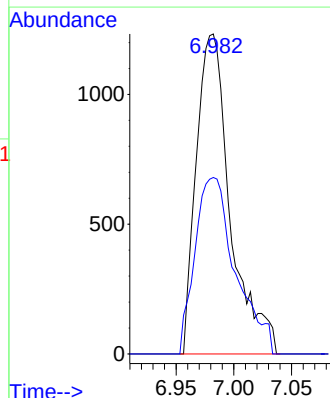
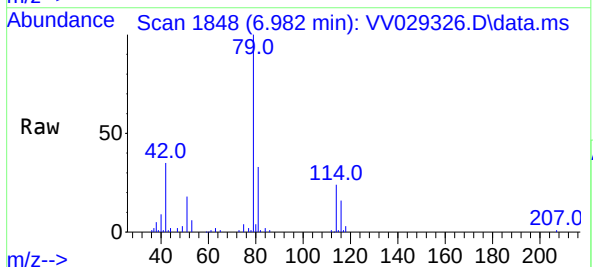
Instrument :
MSVOA_V
ClientSampleId :

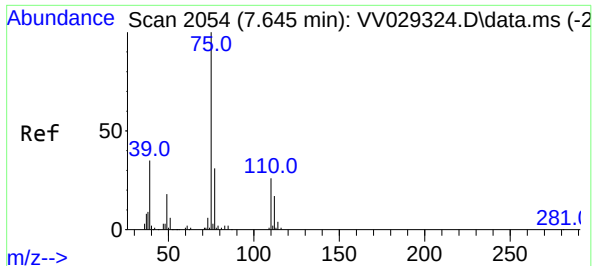
Tgt Ion: 63 Resp: 11570
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.039 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

Tgt Ion: 75 Resp: 2527
Ion Ratio Lower Upper
75 100
77 55.2 22.7 42.3#

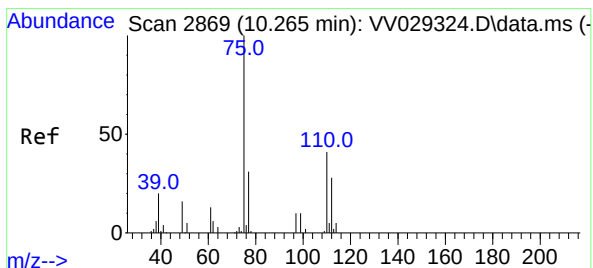
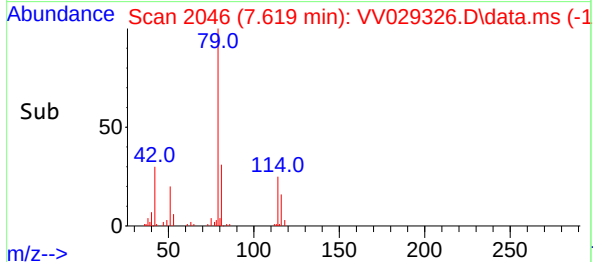
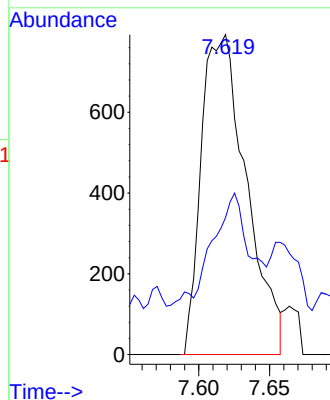
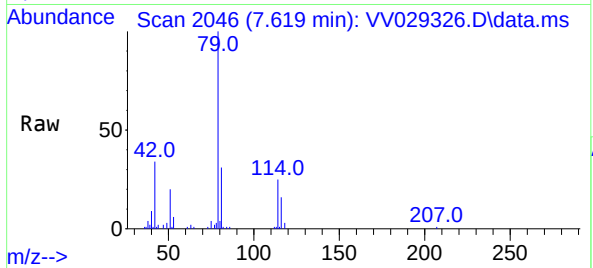




#44
trans-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.026 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

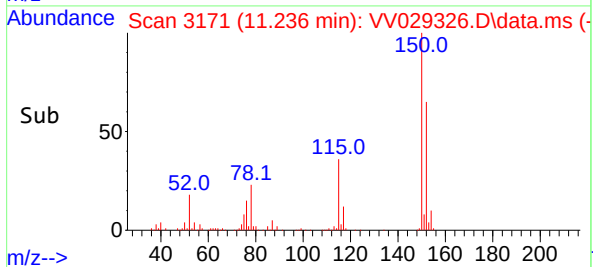
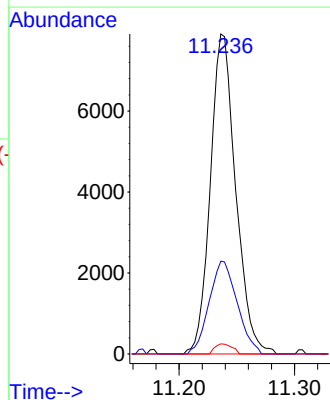
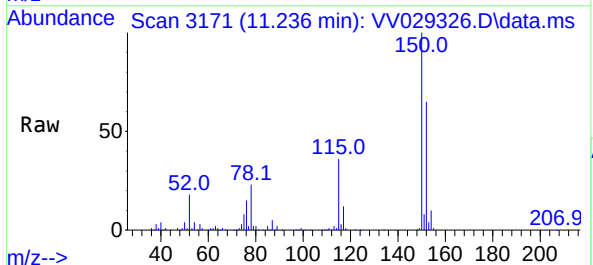
Instrument :
MSVOA_V
ClientSampleId :

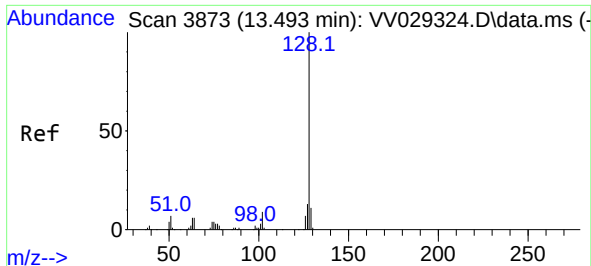
Tgt Ion: 75 Resp: 1752
Ion Ratio Lower Upper
75 100
77 42.8 22.4 41.6#



#61
1,2,3-Trichloropropane
Concen: 1.570 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.971 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

Tgt Ion: 75 Resp: 12063
Ion Ratio Lower Upper
75 100
77 32.0 26.7 40.1
110 2.1 32.2 48.4#





#71

Naphthalene

Concen: 0.143 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

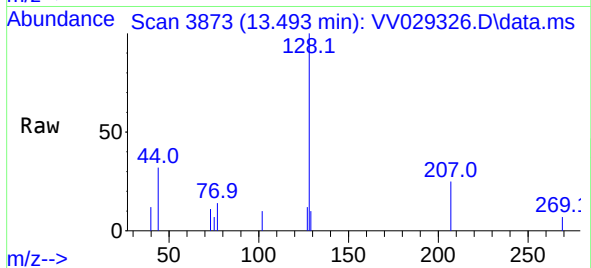
Lab File: VV029326.D

Acq: 24 Nov 2022 04:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 2762

Ion Ratio Lower Upper

128 100

129 8.3 8.9 13.3#

127 9.9 10.6 15.8#

