

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100422\
 Data File : VW028343.D
 Acq On : 04 Oct 2022 22:32
 Operator : SY/MD
 Sample : N4872-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 23:35:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	172267	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	174002	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83047	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	60021	4.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.561	69	56153	5.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.101	63	88555	3.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.905	46	139859	63.861	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.720%
24) Chloroform-d	4.339	84	127233	5.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	5.027	65	62546	5.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.000%
32) Benzene-d6	5.043	84	258723	5.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
36) 1,2-Dichloropropane-d6	6.066	67	81066	5.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.400%
41) Toluene-d8	7.313	98	206609	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.622	79	25624	4.913	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.088	63	119994	56.215	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.420%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60832	5.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	82642	5.782	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1033	0.079	ug/L	84
5) Vinyl chloride	1.301	62	593	0.040	ug/L #	1
6) Bromomethane	1.513	94	417	0.059	ug/L	79
8) Chloroethane	1.394	64	303204	30.767	ug/L #	50
13) Acetone	2.195	43	80100	55.699	ug/L	97
15) Methyl Acetate	2.195	43	78644	20.093	ug/L #	55
25) Chloroform	4.368	83	6936	0.289	ug/L	95
30) Cyclohexane	4.661	56	2165	0.117	ug/L	98
31) Carbon tetrachloride	4.825	117	1031	0.054	ug/L	95
35) Methylcyclohexane	6.066	83	20109	0.950	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8491	0.708	ug/L #	87
39) cis-1,3-Dichloropropene	6.985	75	1342	0.078	ug/L #	22
47) Tetrachloroethene	7.976	164	3660	0.323	ug/L	96
49) Dibromochloromethane	7.972	129	3593	0.319	ug/L #	11
61) 1,2,3-Trichloropropane	10.011	75	2001	0.312	ug/L #	52
64) 1,3-Dichlorobenzene	11.185	146	4799	0.192	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	14508	0.580	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	14735	0.651	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	1455	0.097	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028343.D
 Acq On : 04 Oct 2022 22:32
 Operator : SY/MD
 Sample : N4872-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 23:35:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

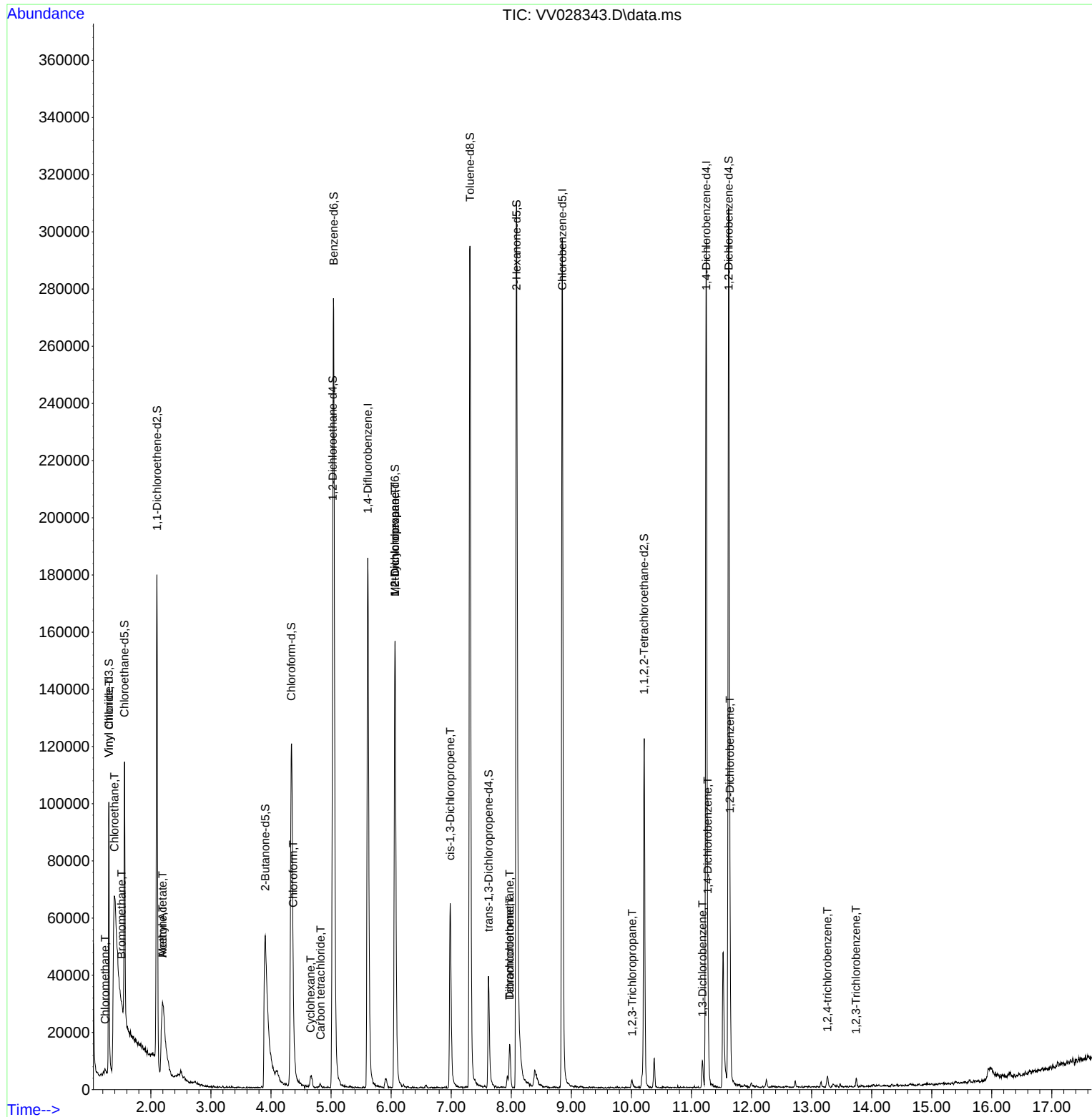
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	13.741	180	871	0.064	ug/L	# 90

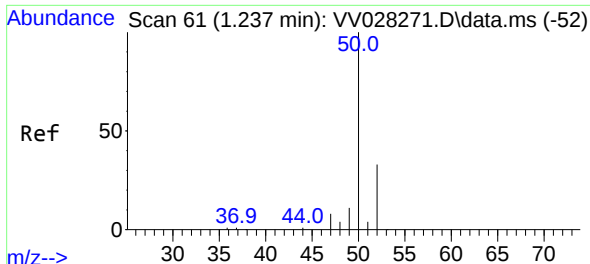
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
Data File : VV028343.D
Acq On : 04 Oct 2022 22:32
Operator : SY/MD
Sample : N4872-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 04 23:35:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

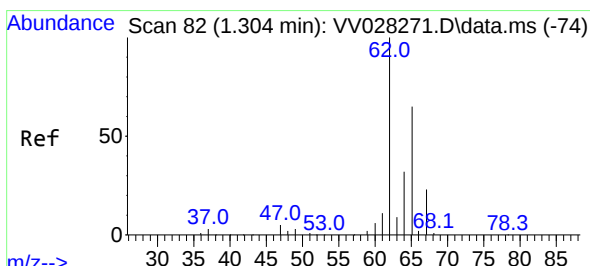
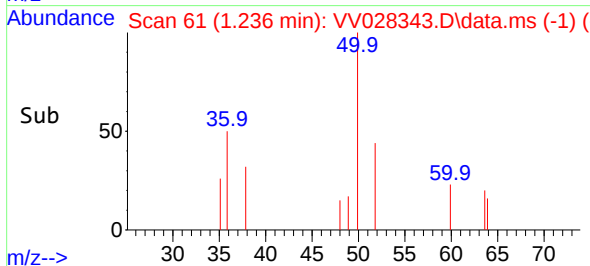
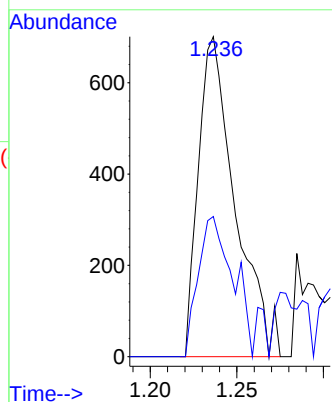
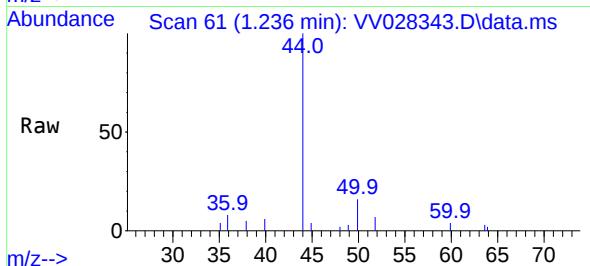




#3
Chloromethane
Concen: 0.079 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028343.D
Acq: 04 Oct 2022 22:32

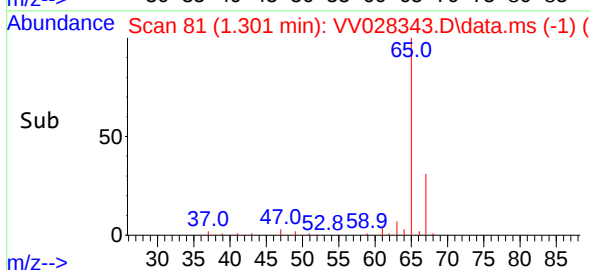
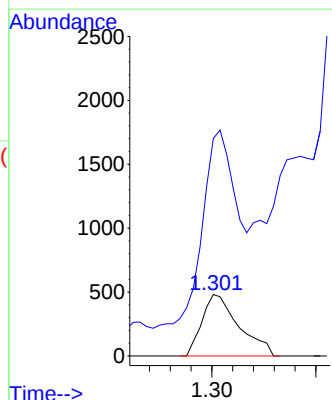
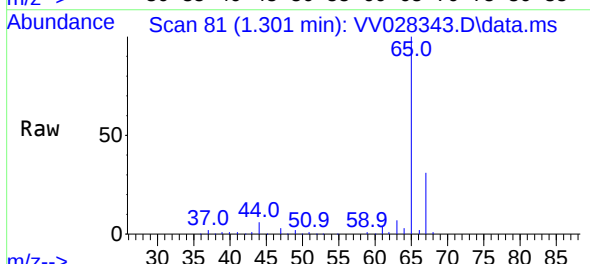
Instrument :
MSVOA_V
ClientSampleId :

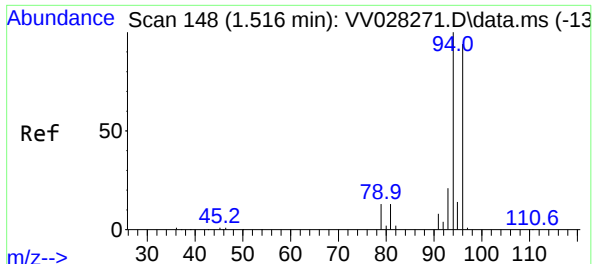
Tgt Ion: 50 Resp: 1033
Ion Ratio Lower Upper
50 100
52 43.8 24.4 45.2



#5
Vinyl chloride
Concen: 0.040 ug/L
RT: 1.301 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV028343.D
Acq: 04 Oct 2022 22:32

Tgt Ion: 62 Resp: 593
Ion Ratio Lower Upper
62 100
64 353.8 23.0 42.8#

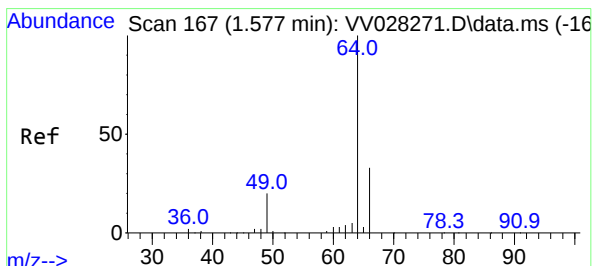
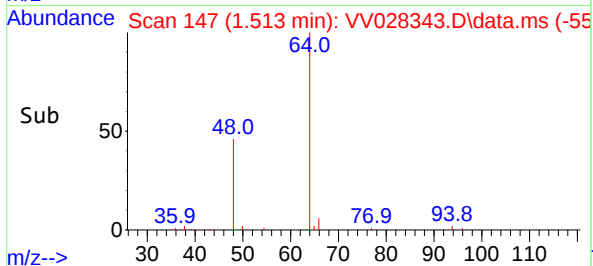
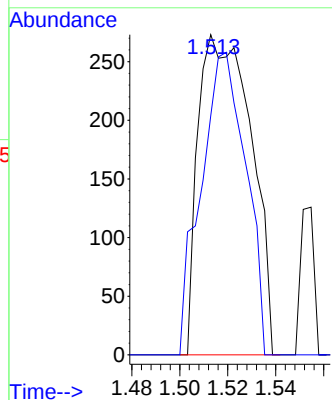
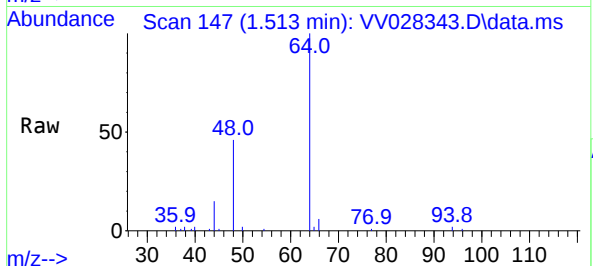




#6
Bromomethane
Concen: 0.059 ug/L
RT: 1.513 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV028343.D
Acq: 04 Oct 2022 22:32

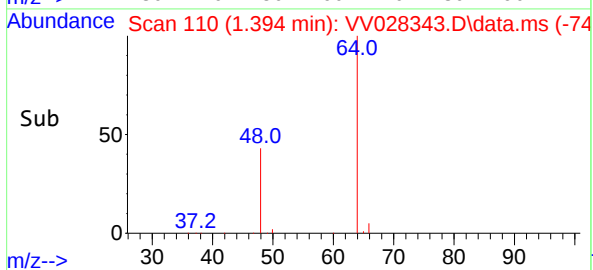
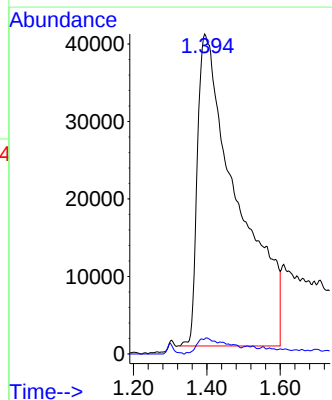
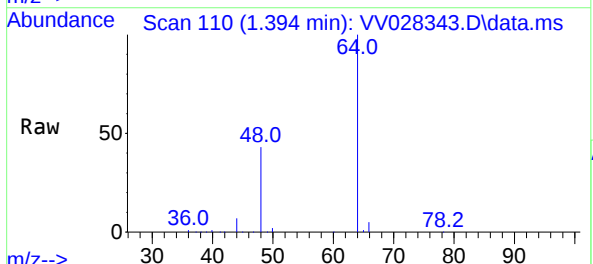
Instrument :
MSVOA_V
ClientSampleId :

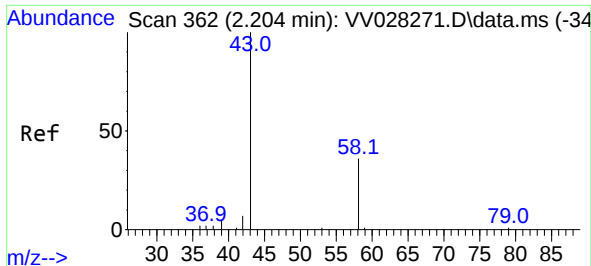
Tgt Ion: 94 Resp: 417
Ion Ratio Lower Upper
94 100
96 74.7 66.7 123.9



#8
Chloroethane
Concen: 30.767 ug/L
RT: 1.394 min Scan# 110
Delta R.T. -0.183 min
Lab File: VV028343.D
Acq: 04 Oct 2022 22:32

Tgt Ion: 64 Resp: 303204
Ion Ratio Lower Upper
64 100
66 4.7 23.0 42.8#

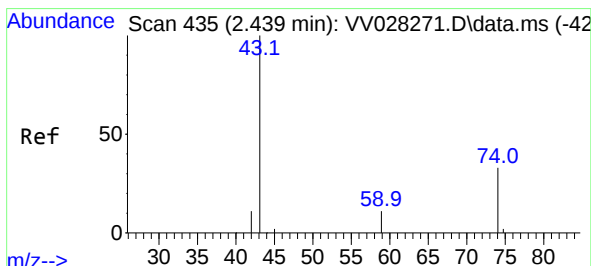
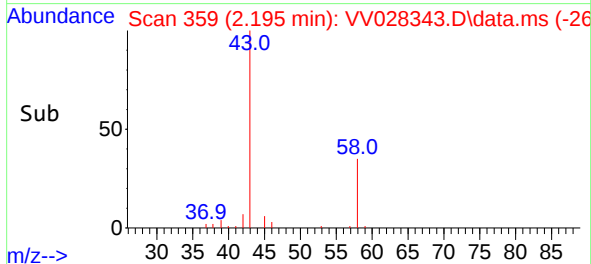
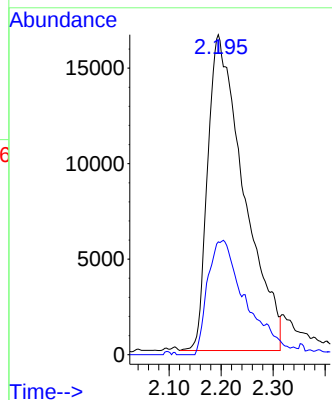
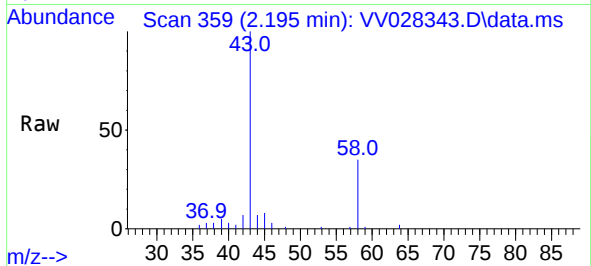




#13
Acetone
Concen: 55.699 ug/L
RT: 2.195 min Scan# 31
Delta R.T. 0.020 min
Lab File: VV028343.D
Acq: 04 Oct 2022 22:32

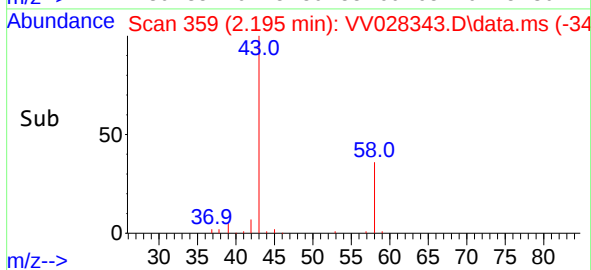
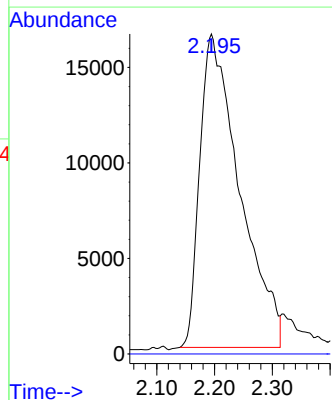
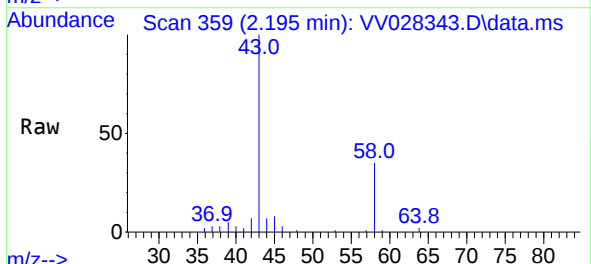
Instrument :
MSVOA_V
ClientSampleId :

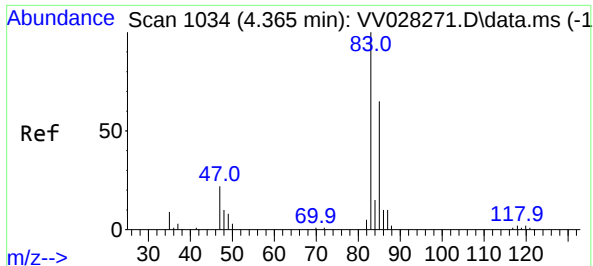
Tgt Ion: 43 Resp: 80100
Ion Ratio Lower Upper
43 100
58 34.4 0.0 65.6



#15
Methyl Acetate
Concen: 20.093 ug/L
RT: 2.195 min Scan# 359
Delta R.T. -0.238 min
Lab File: VV028343.D
Acq: 04 Oct 2022 22:32

Tgt Ion: 43 Resp: 78644
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#





#25

Chloroform

Concen: 0.289 ug/L

RT: 4.368 min Scan# 110

Delta R.T. 0.000 min

Lab File: VV028343.D

Acq: 04 Oct 2022 22:32

Instrument :

MSVOA_V

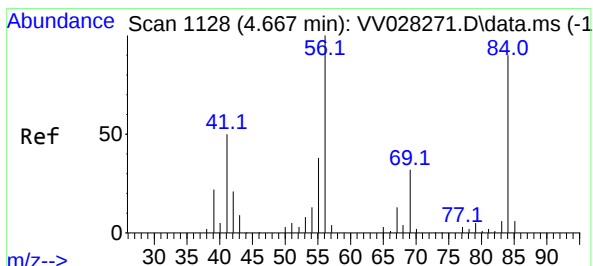
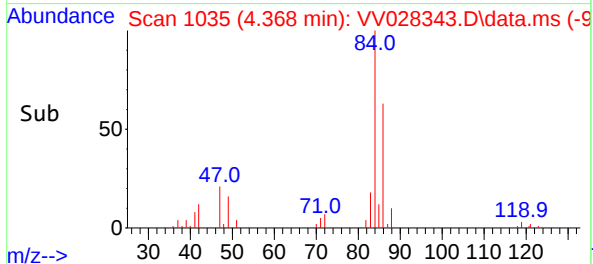
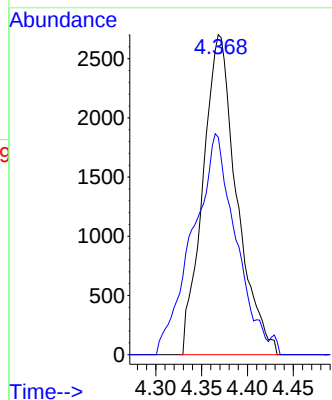
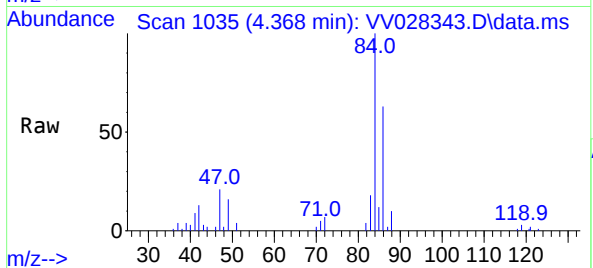
ClientSampleId :

Tgt Ion: 83 Resp: 6936

Ion Ratio Lower Upper

83 100

85 68.0 45.1 83.7



#30

Cyclohexane

Concen: 0.117 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VV028343.D

Acq: 04 Oct 2022 22:32

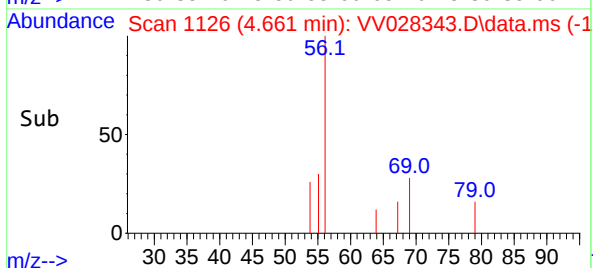
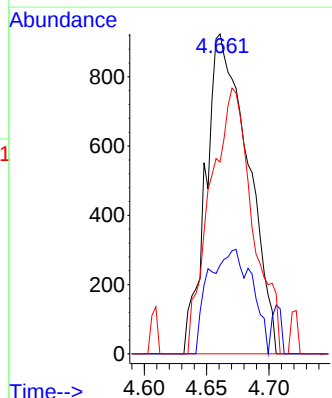
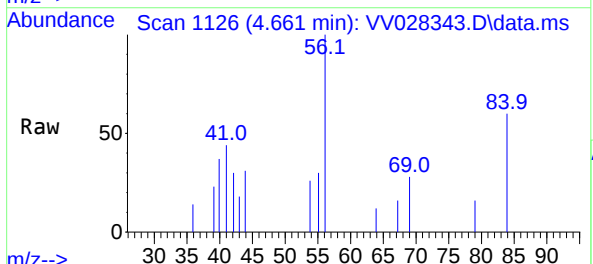
Tgt Ion: 56 Resp: 2165

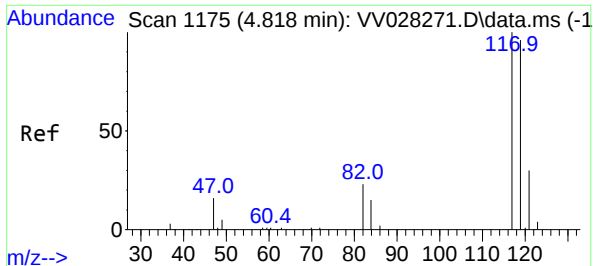
Ion Ratio Lower Upper

56 100

69 33.6 23.7 35.5

84 83.5 67.3 100.9

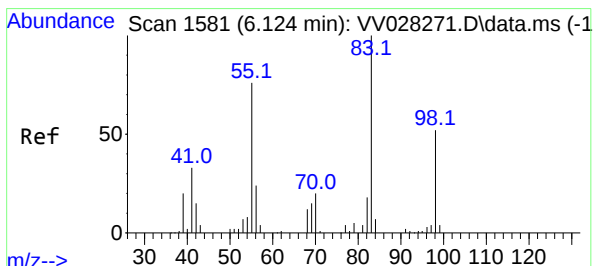
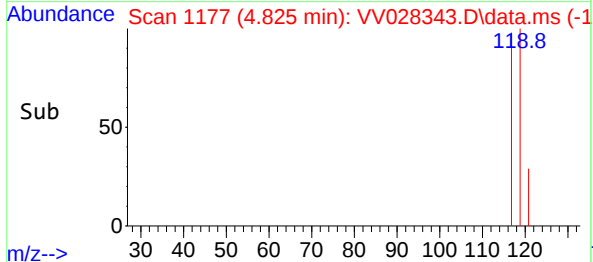
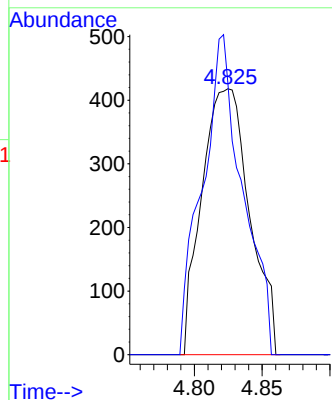
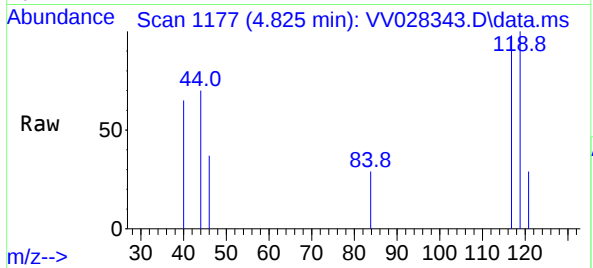




#31
Carbon tetrachloride
Concen: 0.054 ug/L
RT: 4.825 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VV028343.D
Acq: 04 Oct 2022 22:32

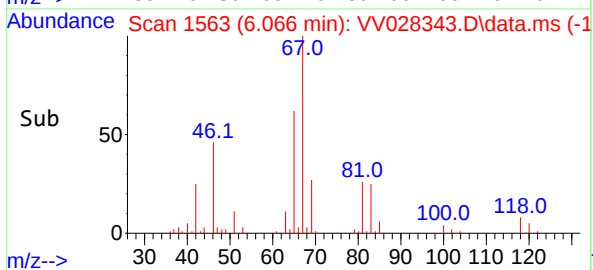
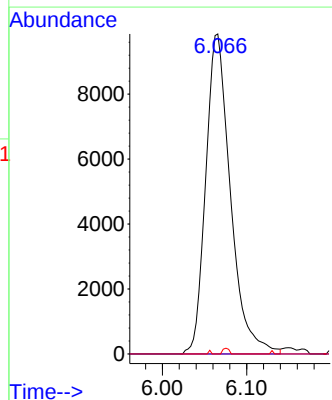
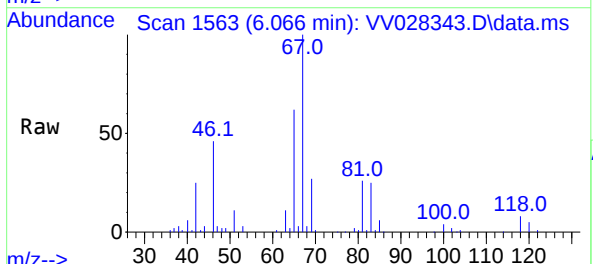
Instrument :
MSVOA_V
ClientSampleId :

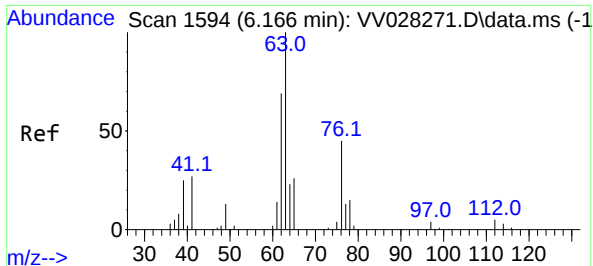
Tgt Ion:117 Resp: 1031
Ion Ratio Lower Upper
117 100
119 100.8 76.9 115.3



#35
Methylcyclohexane
Concen: 0.950 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028343.D
Acq: 04 Oct 2022 22:32

Tgt Ion: 83 Resp: 20109
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 0.5 39.5 59.3#

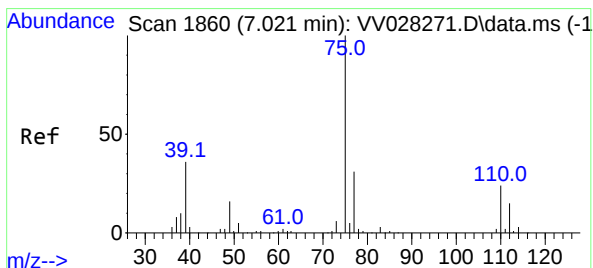
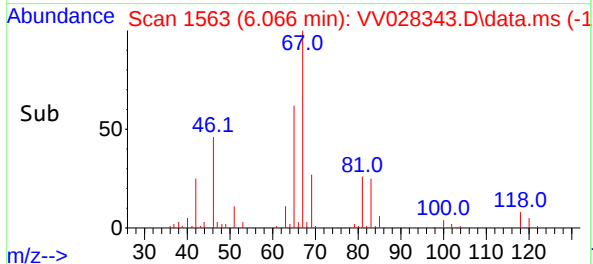
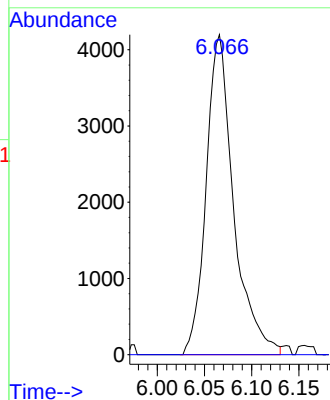
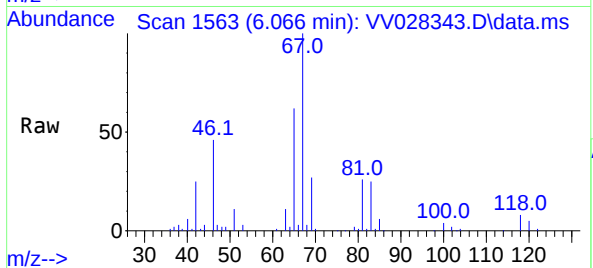




#37
1,2-Dichloropropane
Concen: 0.708 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028343.D
Acq: 04 Oct 2022 22:32

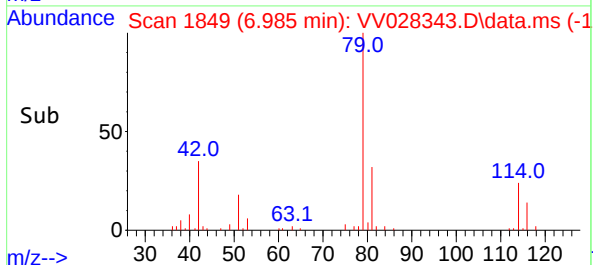
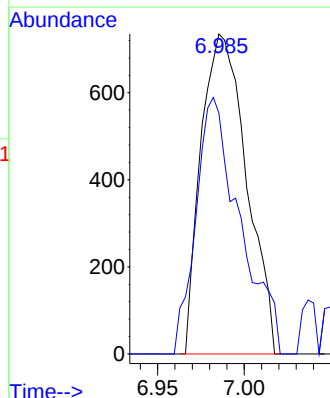
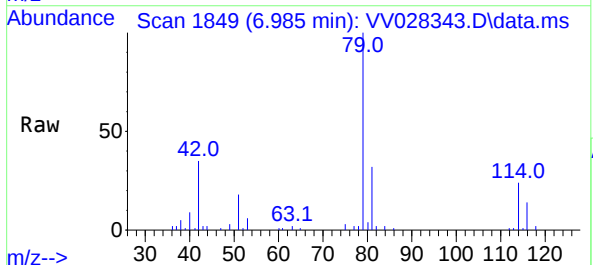
Instrument :
MSVOA_V
ClientSampleId :

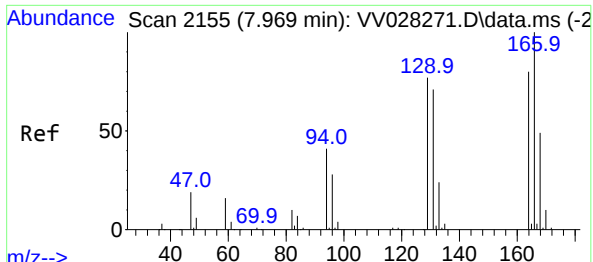
Tgt Ion: 63 Resp: 8491
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV028343.D
Acq: 04 Oct 2022 22:32

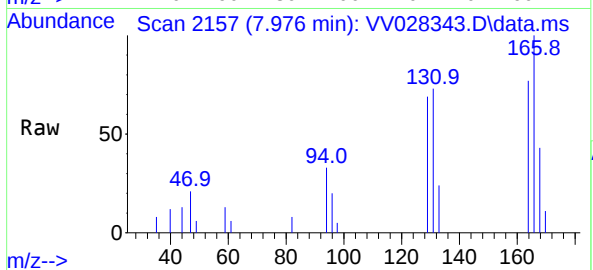
Tgt Ion: 75 Resp: 1342
Ion Ratio Lower Upper
75 100
77 75.2 22.4 41.6#





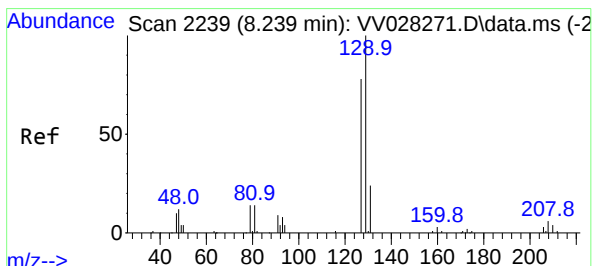
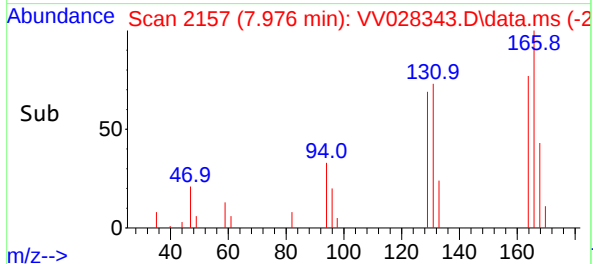
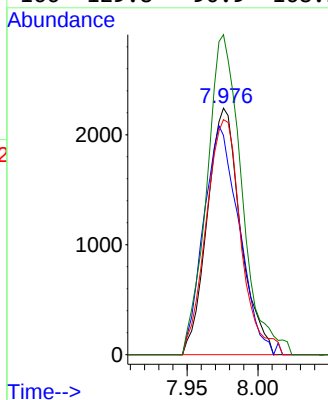
#47
Tetrachloroethene
Concen: 0.323 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.007 min
Lab File: VV028343.D
Acq: 04 Oct 2022 22:32

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 3660

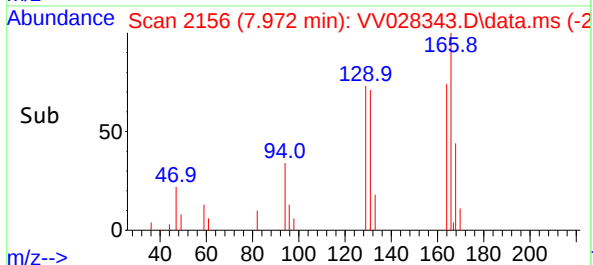
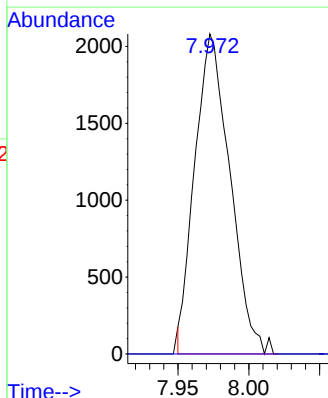
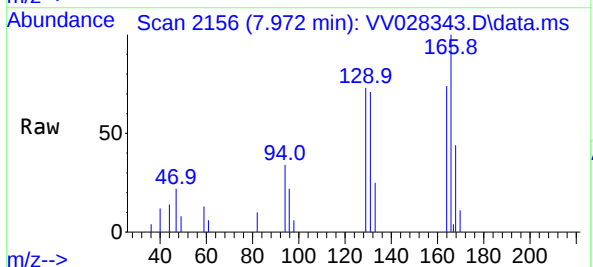
Ion	Ratio	Lower	Upper
164	100		
129	88.9	66.7	123.9
131	95.3	61.7	114.5
166	129.8	90.9	168.9

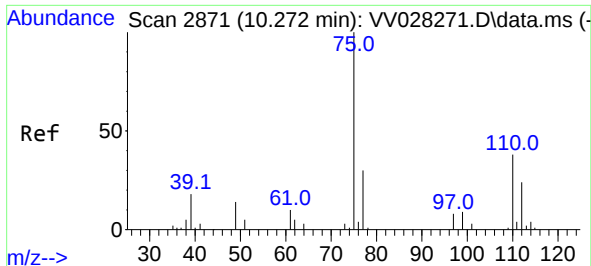


#49
Dibromochloromethane
Concen: 0.319 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.270 min
Lab File: VV028343.D
Acq: 04 Oct 2022 22:32

Tgt Ion:129 Resp: 3593

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#





#61

1,2,3-Trichloropropane

Concen: 0.312 ug/L

RT: 10.011 min Scan# 21

Delta R.T. -0.260 min

Lab File: VV028343.D

Acq: 04 Oct 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

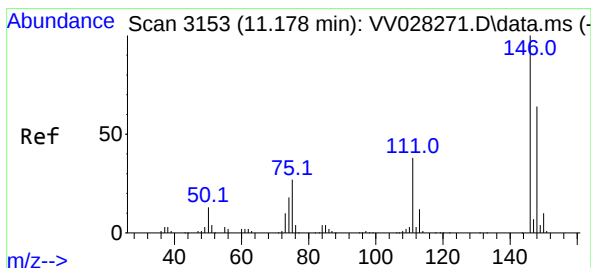
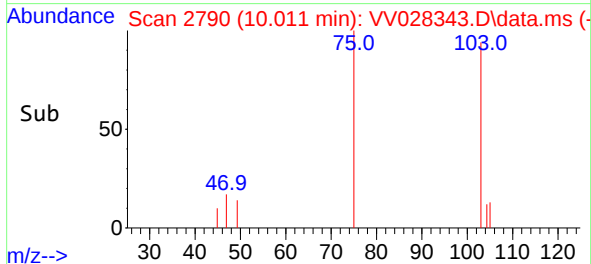
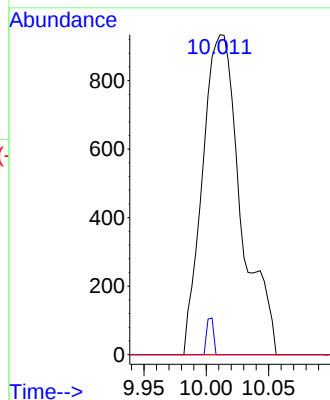
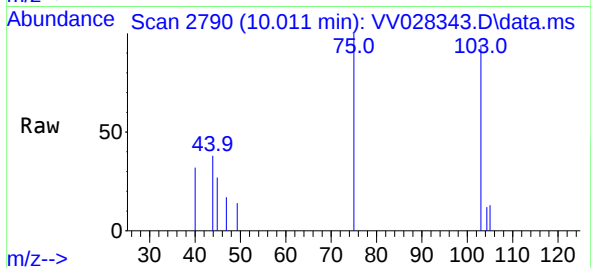
Tgt Ion: 75 Resp: 2001

Ion Ratio Lower Upper

75 100

77 15.6 26.7 40.1#

110 0.0 30.1 45.1#



#64

1,3-Dichlorobenzene

Concen: 0.192 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.006 min

Lab File: VV028343.D

Acq: 04 Oct 2022 22:32

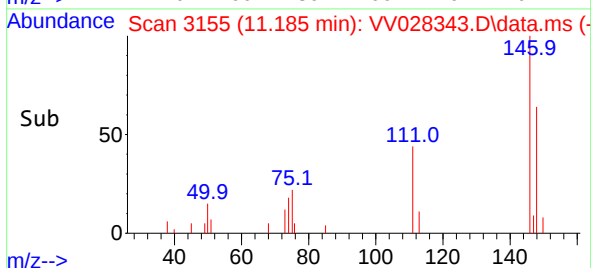
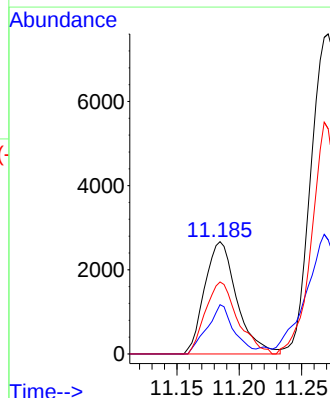
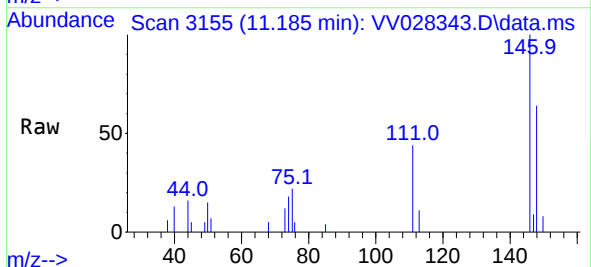
Tgt Ion: 146 Resp: 4799

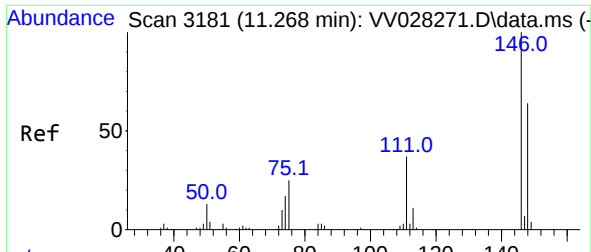
Ion Ratio Lower Upper

146 100

111 43.9 27.1 50.3

148 64.1 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 0.580 ug/L

RT: 11.271 min Scan# 3181

Delta R.T. 0.003 min

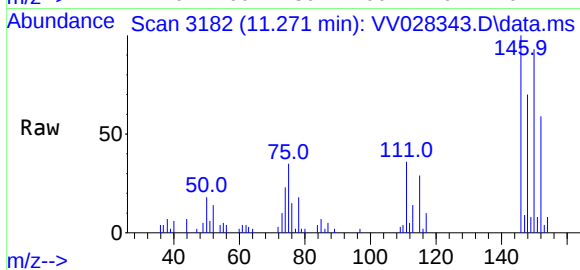
Lab File: VV028343.D

Acq: 04 Oct 2022 22:32

Instrument :

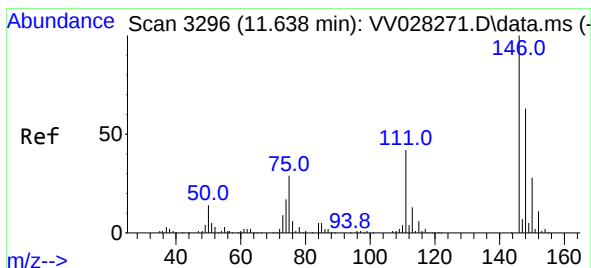
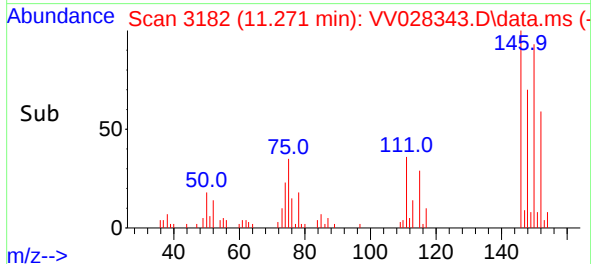
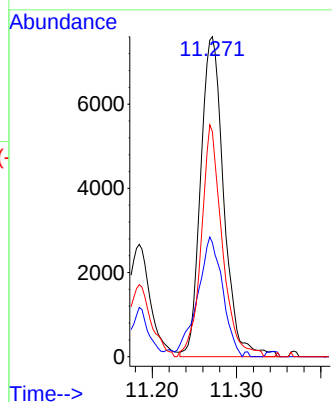
MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 14508

Ion	Ratio	Lower	Upper
146	100		
111	35.6	26.2	48.8
148	70.3	45.8	85.2



#67

1,2-Dichlorobenzene

Concen: 0.651 ug/L

RT: 11.641 min Scan# 3297

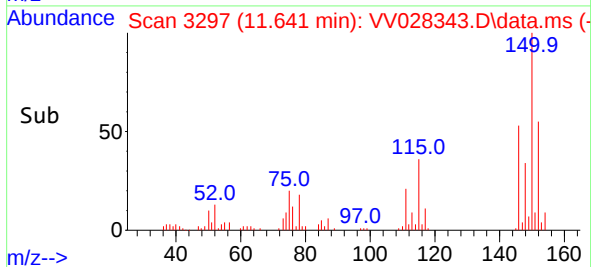
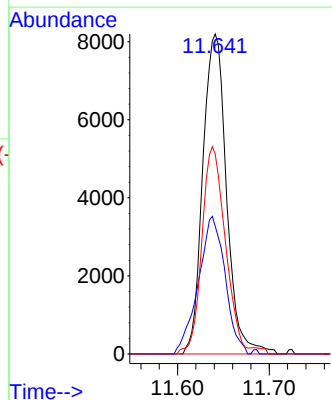
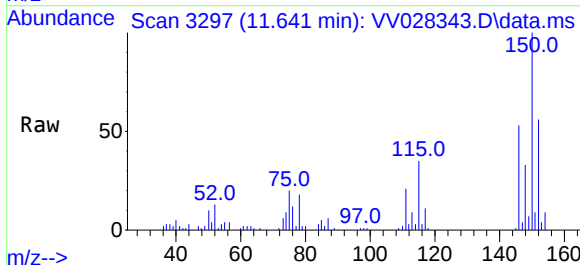
Delta R.T. 0.000 min

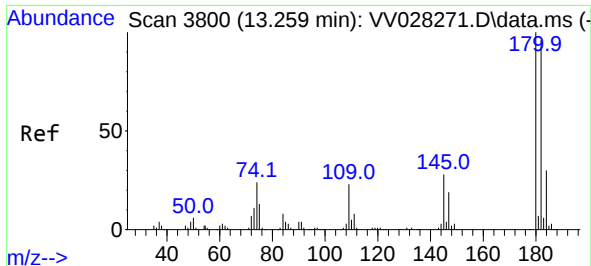
Lab File: VV028343.D

Acq: 04 Oct 2022 22:32

Tgt Ion:146 Resp: 14735

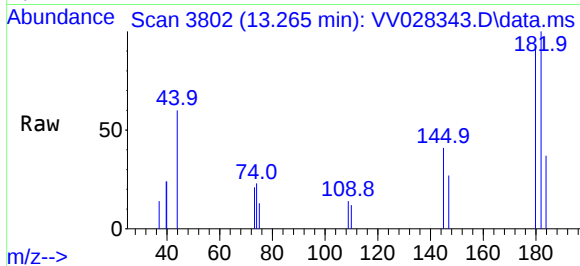
Ion	Ratio	Lower	Upper
146	100		
111	39.9	32.6	49.0
148	62.5	50.1	75.1



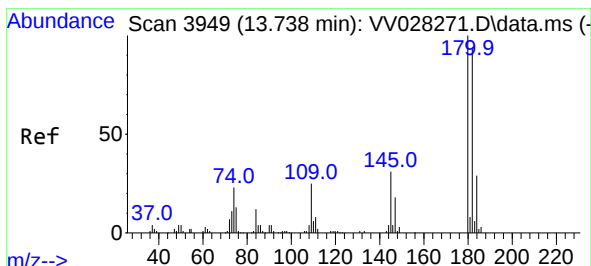
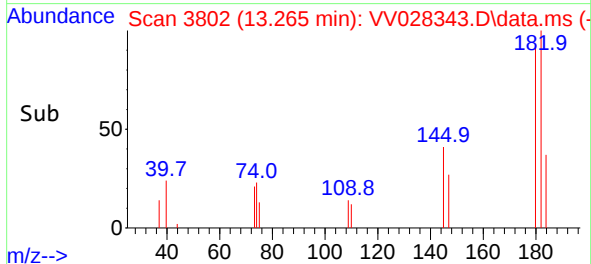
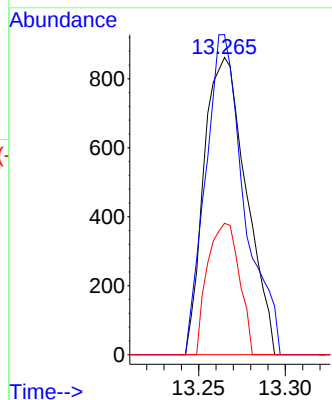


#70
1,2,4-trichlorobenzene
Concen: 0.097 ug/L
RT: 13.265 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV028343.D
Acq: 04 Oct 2022 22:32

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 1455
Ion Ratio Lower Upper
180 100
182 99.3 76.3 114.5
145 33.2 22.9 34.3



#72
1,2,3-Trichlorobenzene
Concen: 0.064 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV028343.D
Acq: 04 Oct 2022 22:32

Tgt Ion:180 Resp: 871
Ion Ratio Lower Upper
180 100
182 101.3 77.4 116.0
145 45.6 24.6 36.8#

