

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026073.D
 Acq On : 09 Jun 2022 23:20
 Operator : SY/MD
 Sample : N3272-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B54

Quant Time: Jun 10 05:45:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 05:25:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	171283	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	163161	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66634	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	37694	3.749	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.581	69	46273	4.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.121	63	62847	2.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.200%#
20) 2-Butanone-d5	3.918	46	85714	57.638	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.280%
24) Chloroform-d	4.362	84	103637	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.043	65	46878	5.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.063	84	180667	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.079	67	62311	5.108	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.320	98	133089	3.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.632	79	14756	4.109	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.092	63	95997	60.745	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42644	5.185	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	54002	5.297	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.767	101	1749892	69.641	ug/L	99
12) 1,1-Dichloroethene	2.127	96	1146	0.083	ug/L #	1
18) trans-1,2-Dichloroethene	2.780	96	2141	0.165	ug/L	88
22) cis-1,2-Dichloroethene	3.928	96	21757	1.699	ug/L	96
25) Chloroform	4.397	83	12316	0.508	ug/L	96
29) 1,1,1-Trichloroethane	4.619	97	2252	0.105	ug/L	97
31) Carbon tetrachloride	4.841	117	36464	2.074	ug/L	96
35) Methylcyclohexane	6.079	83	14588	0.706	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	6727	0.541	ug/L #	89
45) 1,1,2-Trichloroethane	7.850	97	2714	0.336	ug/L	90
47) Tetrachloroethene	7.982	164	5911577	570.099	ug/L	97
49) Dibromochloromethane	7.982	129	5896433	669.392	ug/L #	9
51) Chlorobenzene	8.886	112	15935	0.457	ug/L	100
52) Ethylbenzene	9.021	91	2073	0.037	ug/L	95
53) m,p-Xylene	9.143	106	3435	0.158	ug/L	97
60) Isopropylbenzene	10.455	105	2527	0.057	ug/L #	68
61) 1,2,3-Trichloropropane	11.249	75	8389	1.613	ug/L #	66
63) 1,2,4-Trimethylbenzene	10.918	105	2627	0.075	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060922\
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Acq On : 09 Jun 2022 23:20
Operator : SY/MD
Sample : N3272-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

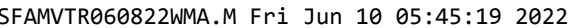
Instrument :
MSVOA_V
ClientSampleId :
C0B54

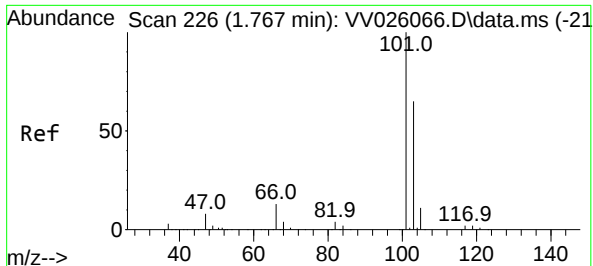
Quant Time: Jun 10 05:45:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 10 05:25:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jun 10 05:45:13 2022
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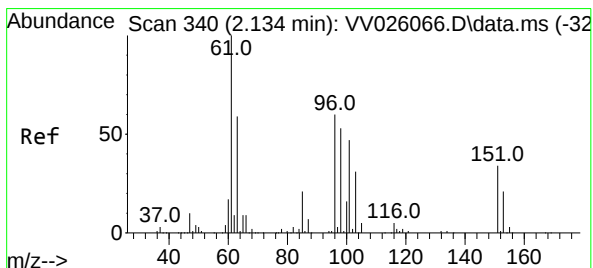
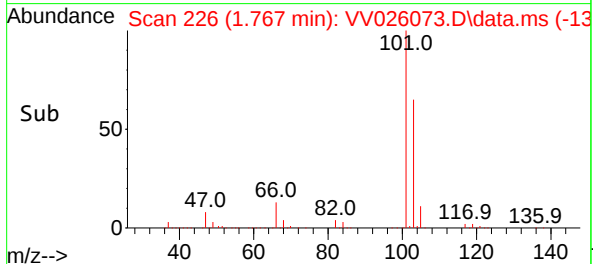
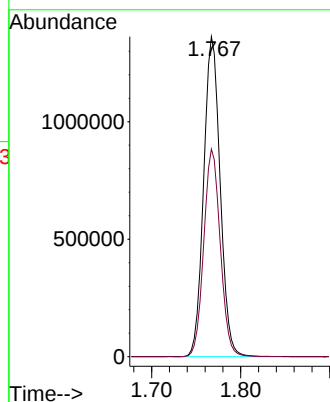
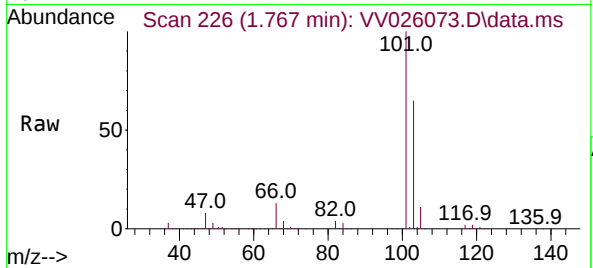




#9
 Trichlorofluoromethane
 Concen: 69.641 ug/L
 RT: 1.767 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026073.D
 Acq: 09 Jun 2022 23:20

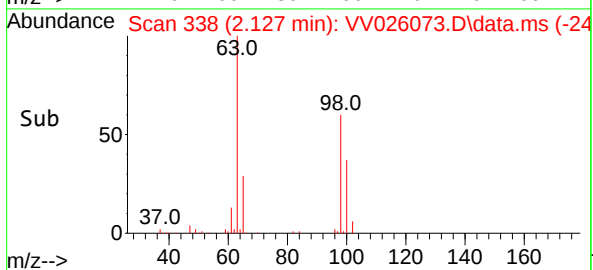
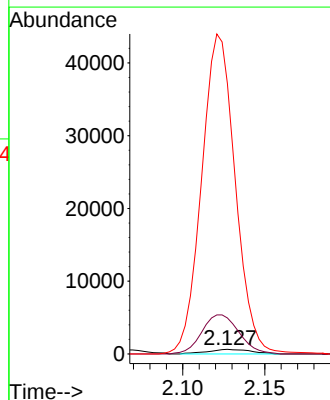
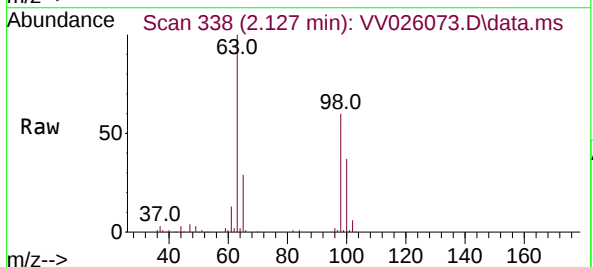
Instrument :
 MSVOA_V
 ClientSampleId :
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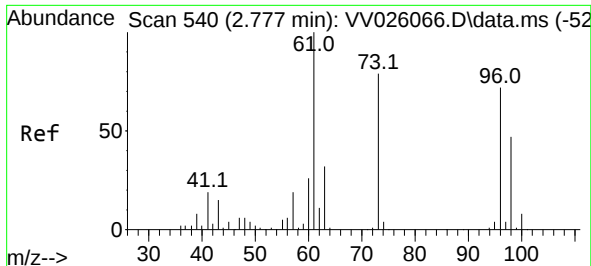
Tgt Ion:101 Resp: 1749892
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.6 78.8



#12
 1,1-Dichloroethene
 Concen: 0.083 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. -0.006 min
 Lab File: VV026073.D
 Acq: 09 Jun 2022 23:20

Tgt Ion: 96 Resp: 1146
 Ion Ratio Lower Upper
 96 100
 61 787.6 122.6 227.6#
 63 5907.8 78.5 145.9#

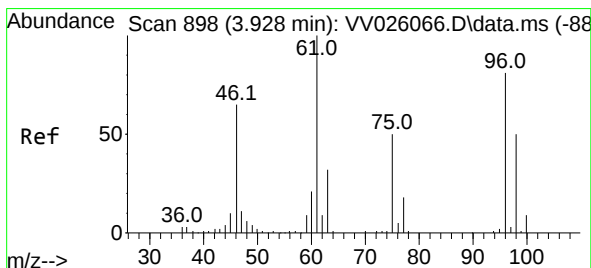
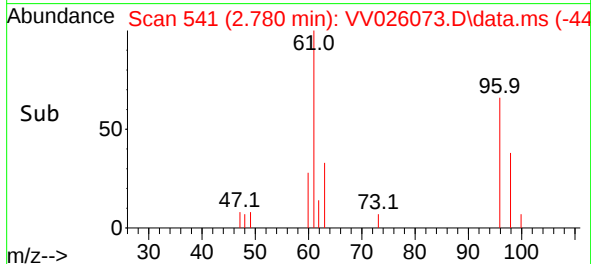
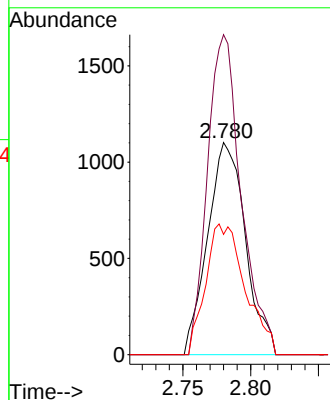
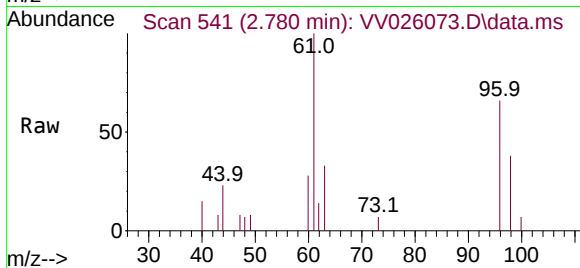




#18
trans-1,2-Dichloroethene
Concen: 0.165 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026073.D
Acq: 09 Jun 2022 23:20

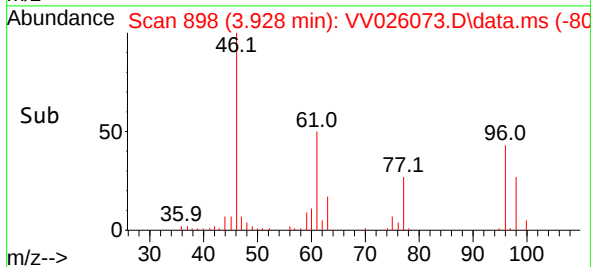
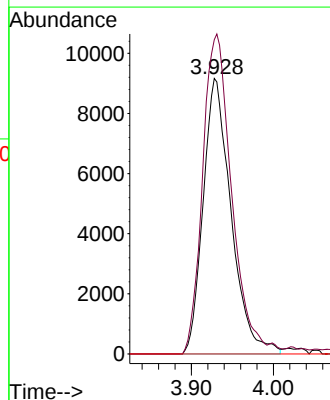
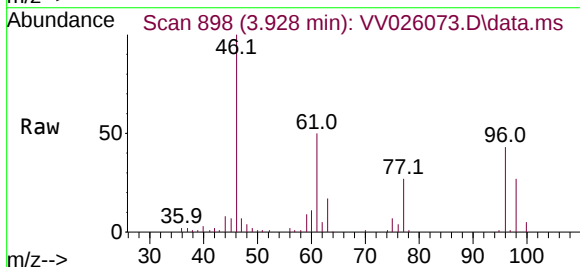
Instrument :
MSVOA_V
ClientSampleId :
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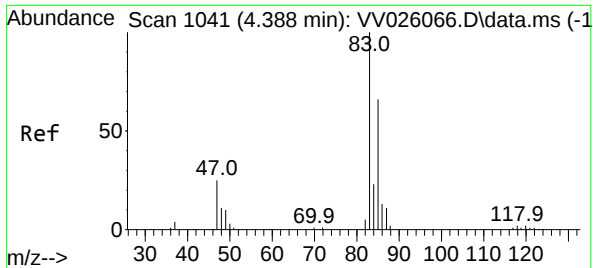
Tgt Ion: 96 Resp: 2141
Ion Ratio Lower Upper
96 100
61 150.8 94.3 175.1
98 56.7 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 1.699 ug/L
RT: 3.928 min Scan# 898
Delta R.T. 0.000 min
Lab File: VV026073.D
Acq: 09 Jun 2022 23:20

Tgt Ion: 96 Resp: 21757
Ion Ratio Lower Upper
96 100
61 114.1 83.1 154.3
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.508 ug/L

RT: 4.397 min Scan# 1104

Delta R.T. 0.010 min

Lab File: VV026073.D

Acq: 09 Jun 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

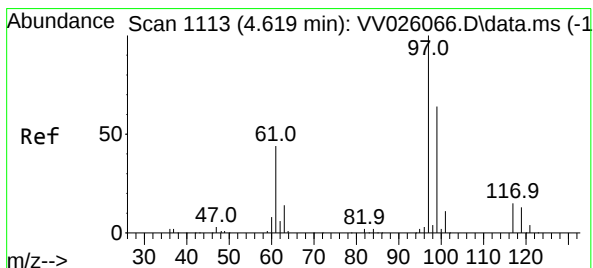
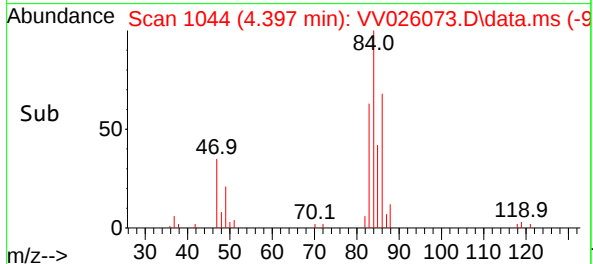
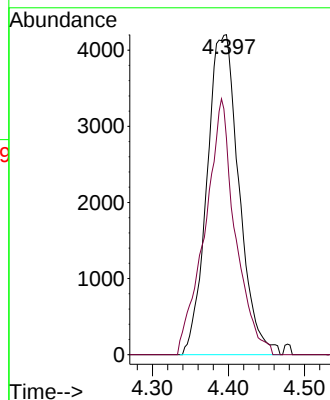
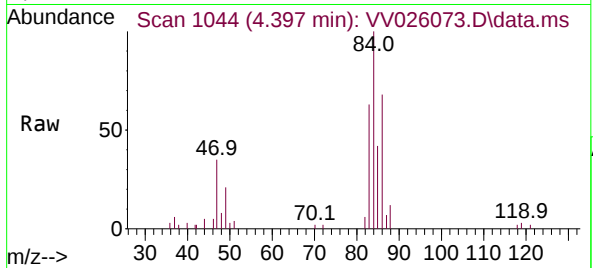
C0B54

Tgt Ion: 83 Resp: 12316

Ion Ratio Lower Upper

83 100

85 67.6 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 0.105 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VV026073.D

Acq: 09 Jun 2022 23:20

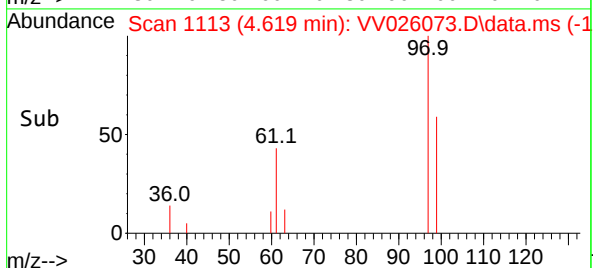
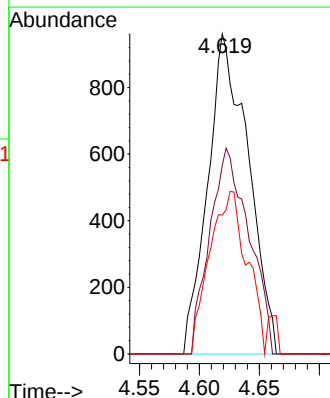
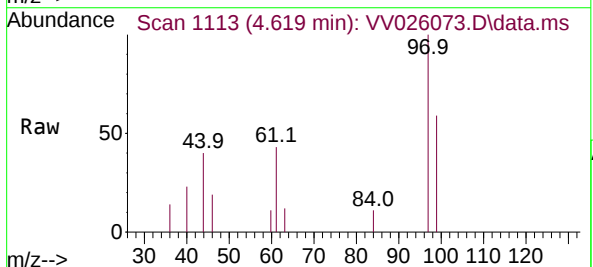
Tgt Ion: 97 Resp: 2252

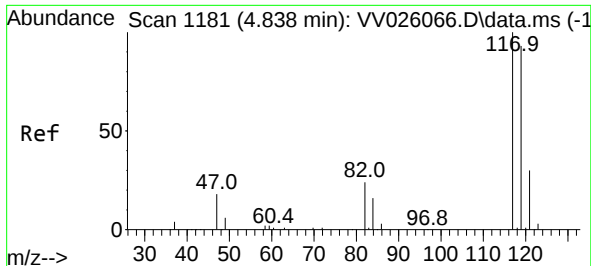
Ion Ratio Lower Upper

97 100

99 62.7 51.4 77.0

61 46.9 34.9 52.3

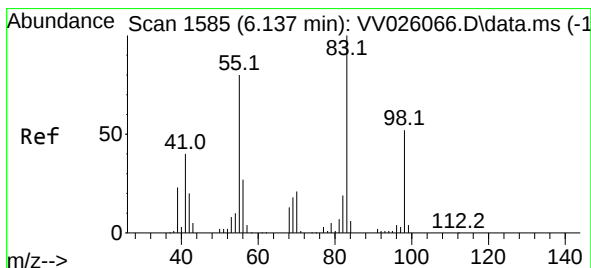
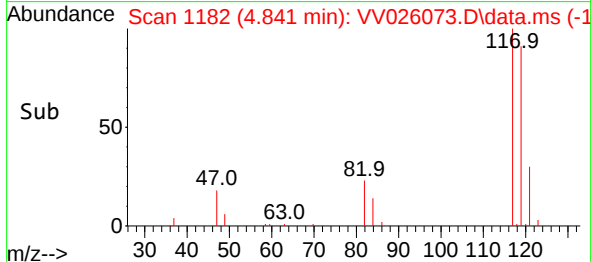
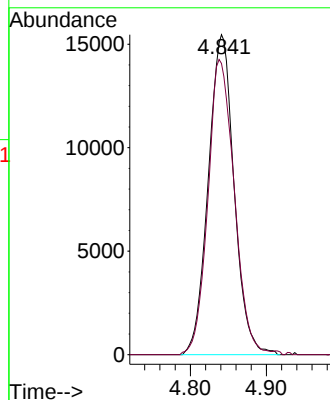
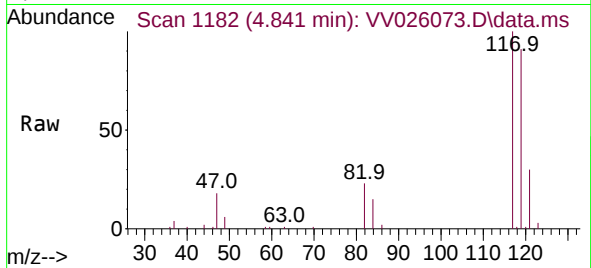




#31
Carbon tetrachloride
Concen: 2.074 ug/L
RT: 4.841 min Scan# 1181
Delta R.T. 0.003 min
Lab File: VV026073.D
Acq: 09 Jun 2022 23:20

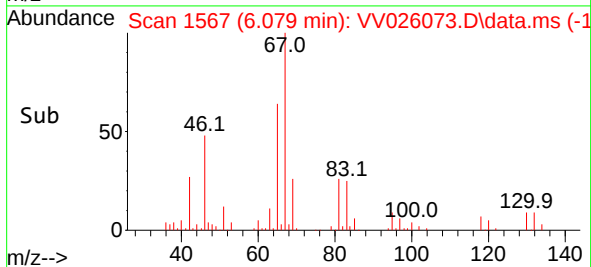
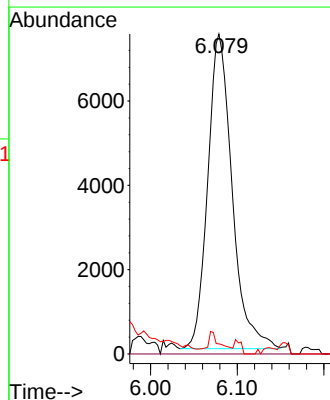
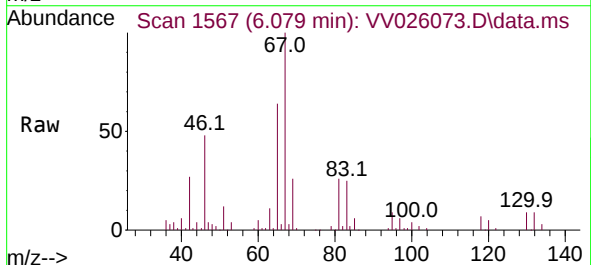
Instrument :
MSVOA_V
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C0B54

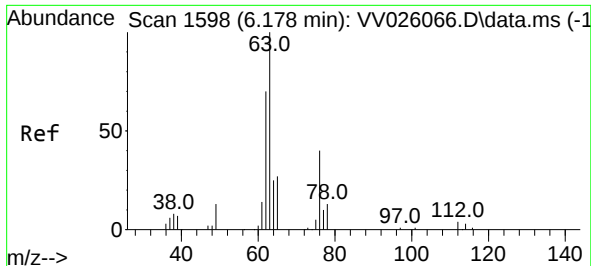
Tgt Ion:117 Resp: 36464
Ion Ratio Lower Upper
117 100
119 94.1 78.7 118.1



#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.058 min
Lab File: VV026073.D
Acq: 09 Jun 2022 23:20

Tgt Ion: 83 Resp: 14588
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.0 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 0.541 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026073.D

Acq: 09 Jun 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

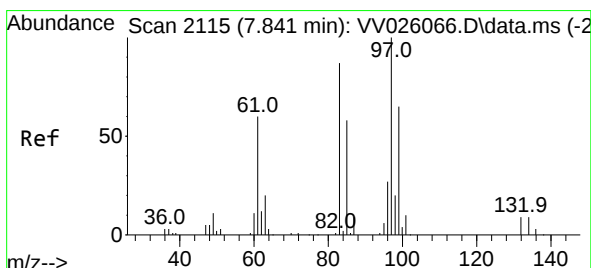
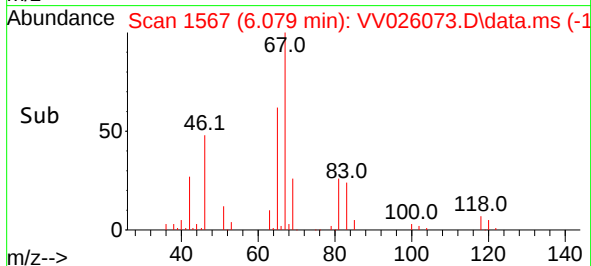
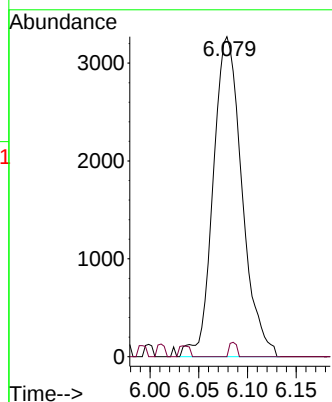
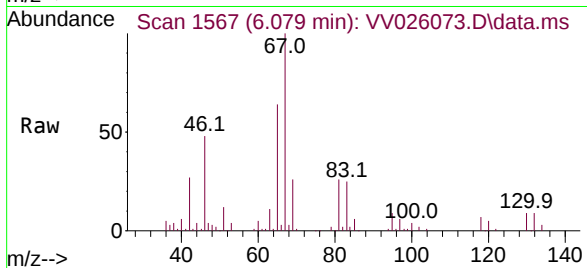
C0B54

Tgt Ion: 63 Resp: 6727

Ion Ratio Lower Upper

63 100

112 1.2 3.8 5.6#



#45

1,1,2-Trichloroethane

Concen: 0.336 ug/L

RT: 7.850 min Scan# 2118

Delta R.T. 0.010 min

Lab File: VV026073.D

Acq: 09 Jun 2022 23:20

Tgt Ion: 97 Resp: 2714

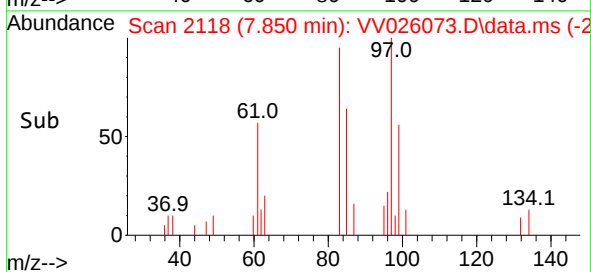
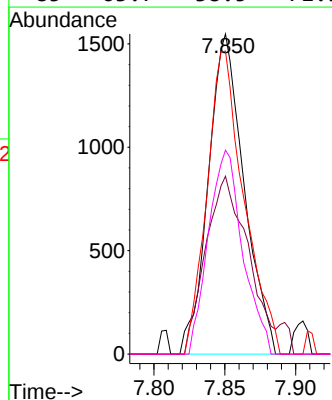
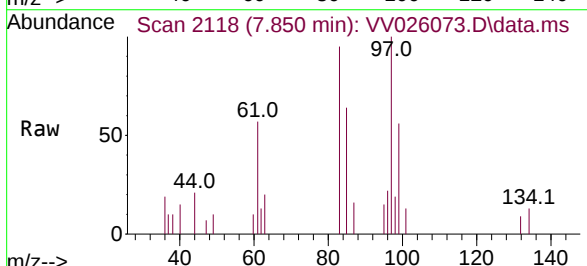
Ion Ratio Lower Upper

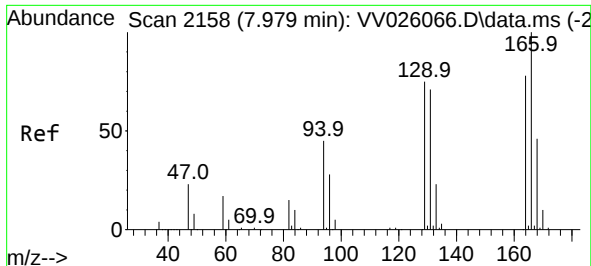
97 100

99 55.6 43.5 80.7

83 94.6 59.6 110.8

85 63.7 38.5 71.5



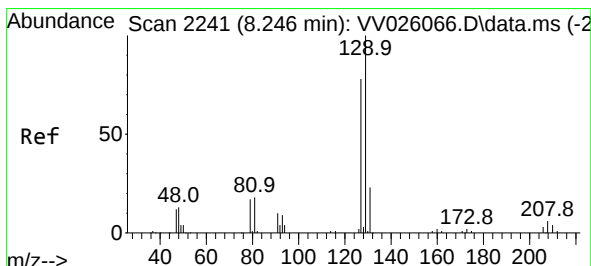
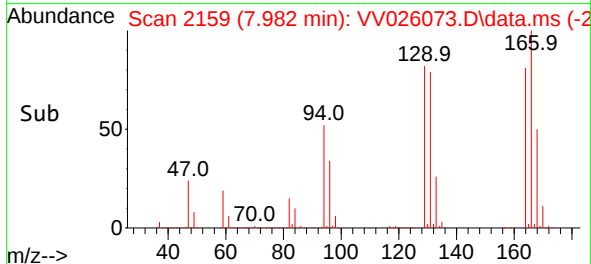
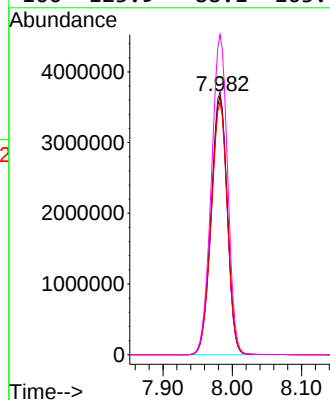
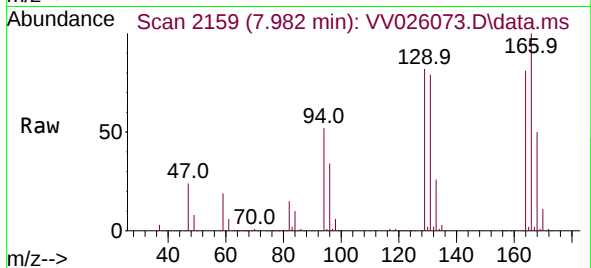


#47
Tetrachloroethene
Concen: 570.099 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV026073.D
Acq: 09 Jun 2022 23:20

Instrument :
MSVOA_V
ClientSampleId :
C0B54

Tgt Ion:164 Resp: 5911577

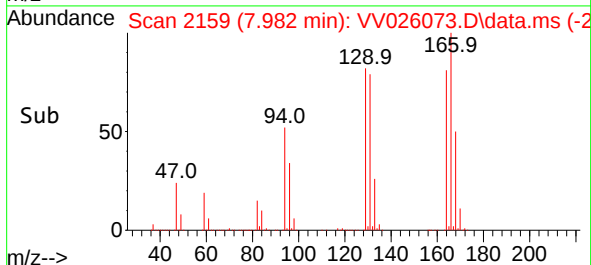
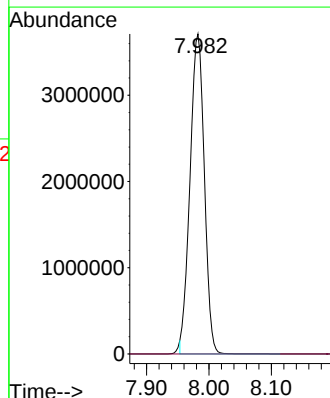
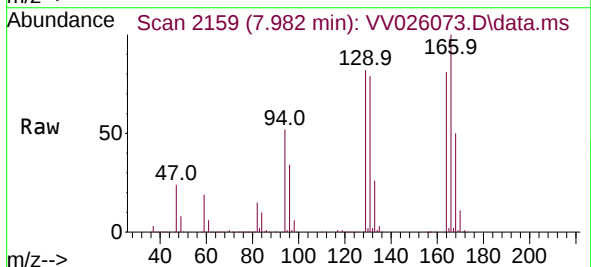
Ion	Ratio	Lower	Upper
164	100		
129	101.6	68.3	126.9
131	97.7	66.5	123.5
166	123.9	88.1	163.7

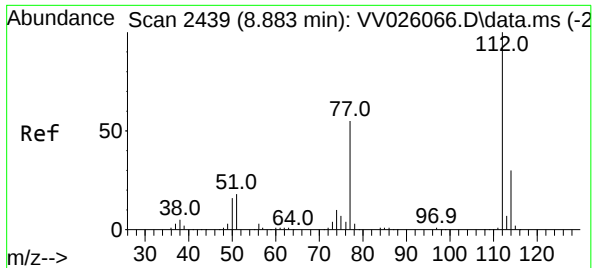


#49
Dibromochloromethane
Concen: 669.392 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.264 min
Lab File: VV026073.D
Acq: 09 Jun 2022 23:20

Tgt Ion:129 Resp: 5896433

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.9	103.7#

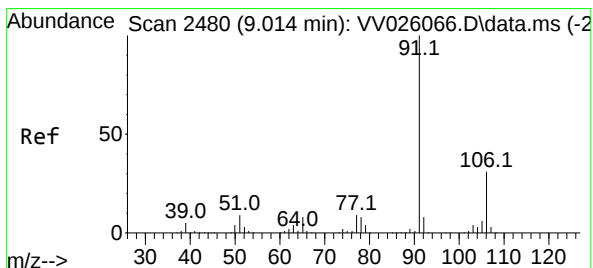
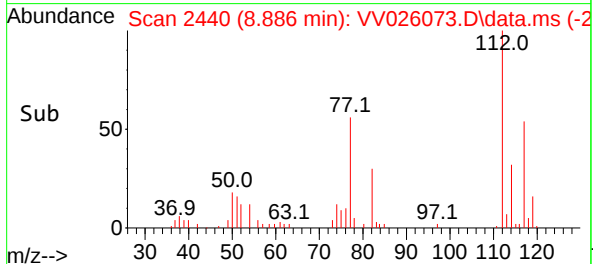
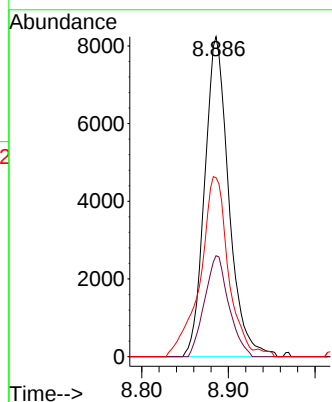
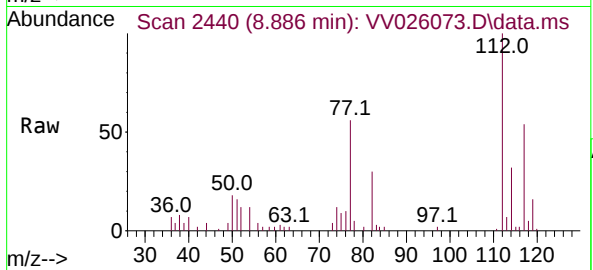




#51
Chlorobenzene
Concen: 0.457 ug/L
RT: 8.886 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV026073.D
Acq: 09 Jun 2022 23:20

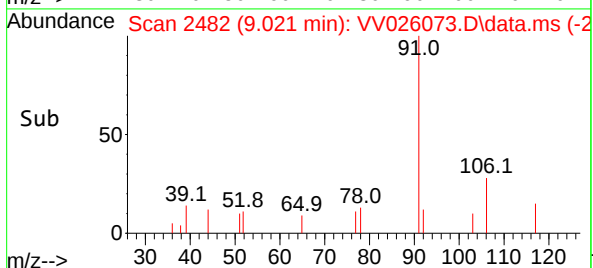
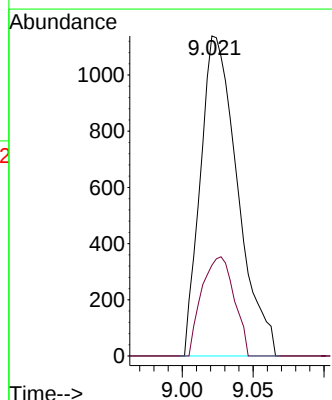
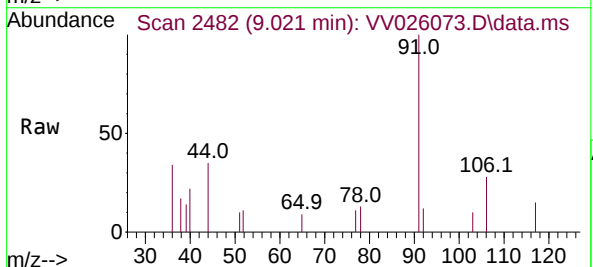
Instrument :
MSVOA_V
ClientSampleId :
C0B54

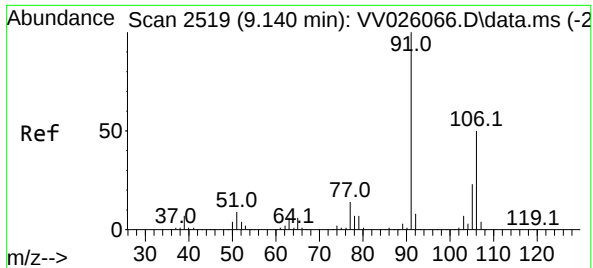
Tgt Ion:	112	Resp:	15935
Ion Ratio	Lower	Upper	
112	100		
114	31.5	22.3	41.5
77	55.9	44.6	66.8



#52
Ethylbenzene
Concen: 0.037 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.006 min
Lab File: VV026073.D
Acq: 09 Jun 2022 23:20

Tgt Ion:	91	Resp:	2073
Ion Ratio	Lower	Upper	
91	100		
106	28.4	21.8	40.6

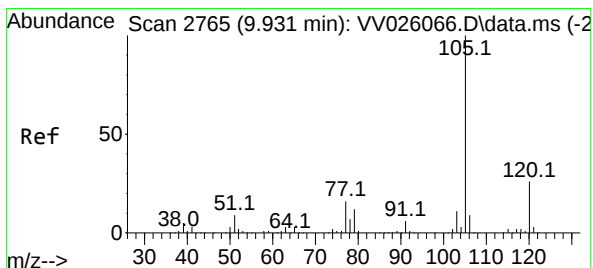
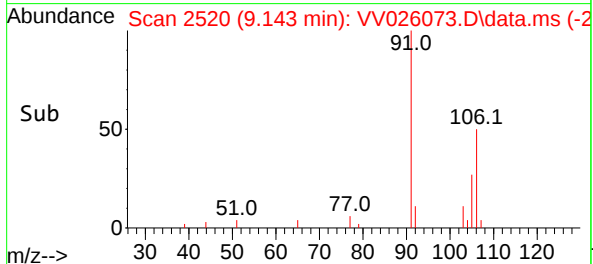
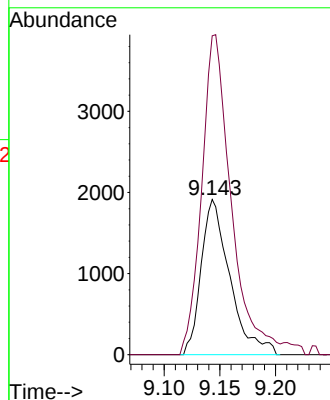
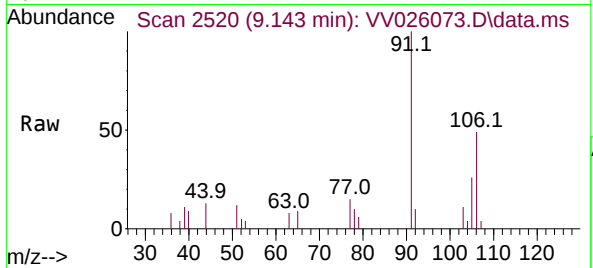




#53
m,p-Xylene
Concen: 0.158 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026073.D
Acq: 09 Jun 2022 23:20

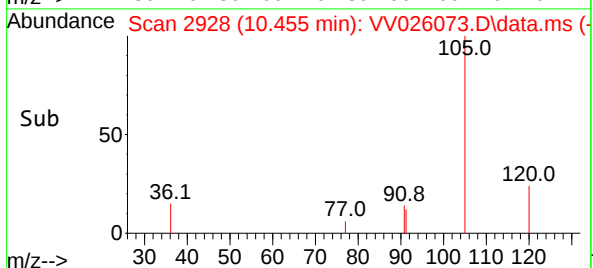
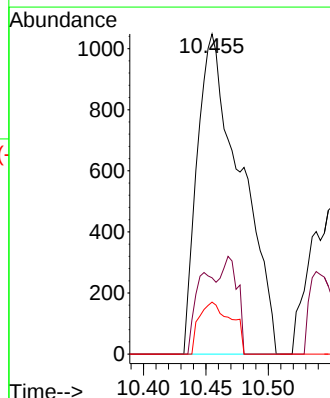
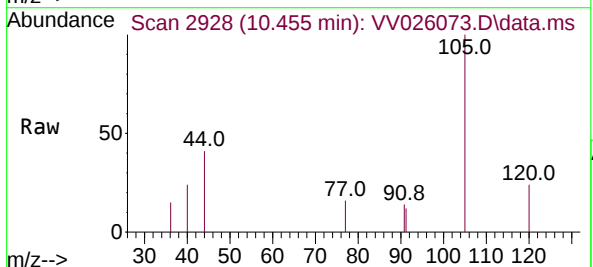
Instrument :
MSVOA_V
ClientSampleId :
C0B54

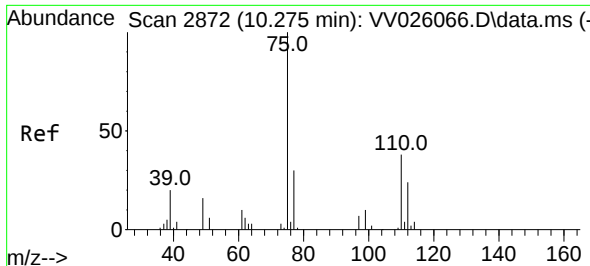
Tgt Ion:106 Resp: 3435
Ion Ratio Lower Upper
106 100
91 205.5 140.4 260.8



#60
Isopropylbenzene
Concen: 0.057 ug/L
RT: 10.455 min Scan# 2928
Delta R.T. 0.524 min
Lab File: VV026073.D
Acq: 09 Jun 2022 23:20

Tgt Ion:105 Resp: 2527
Ion Ratio Lower Upper
105 100
120 12.0 21.3 31.9#
77 0.0 12.4 18.6#

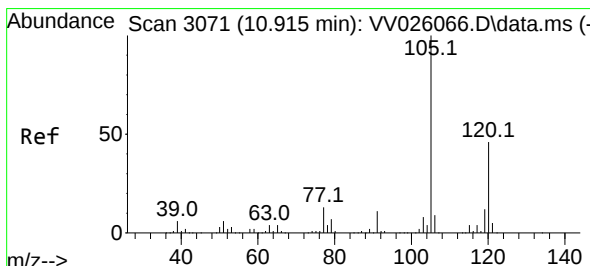
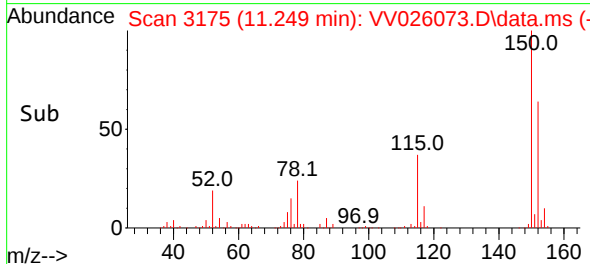
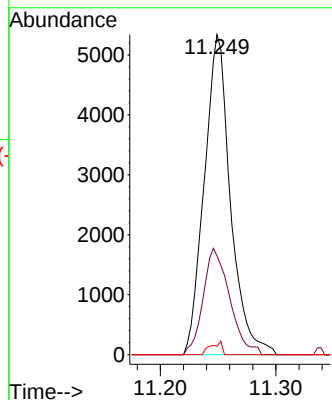
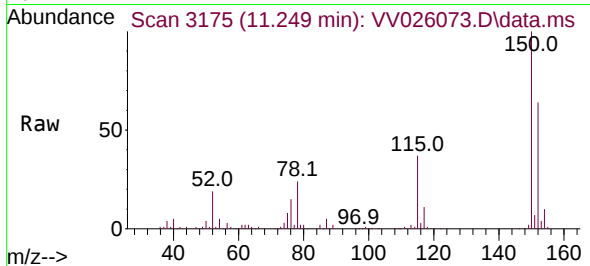




#61
1,2,3-Trichloropropane
Concen: 1.613 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV026073.D
Acq: 09 Jun 2022 23:20

Instrument :
MSVOA_V
ClientSampleId :
C0B54

Tgt Ion: 75 Resp: 8389
Ion Ratio Lower Upper
75 100
77 33.6 26.6 40.0
110 1.8 32.0 48.0#



#63
1,2,4-Trimethylbenzene
Concen: 0.075 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV026073.D
Acq: 09 Jun 2022 23:20

Tgt Ion: 105 Resp: 2627
Ion Ratio Lower Upper
105 100
120 41.9 36.7 55.1

