

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
 Data File : VV028097.D
 Acq On : 23 Sep 2022 12:37
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 01:26:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 24 01:23:44 2022
 Response via : Initial Calibration

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

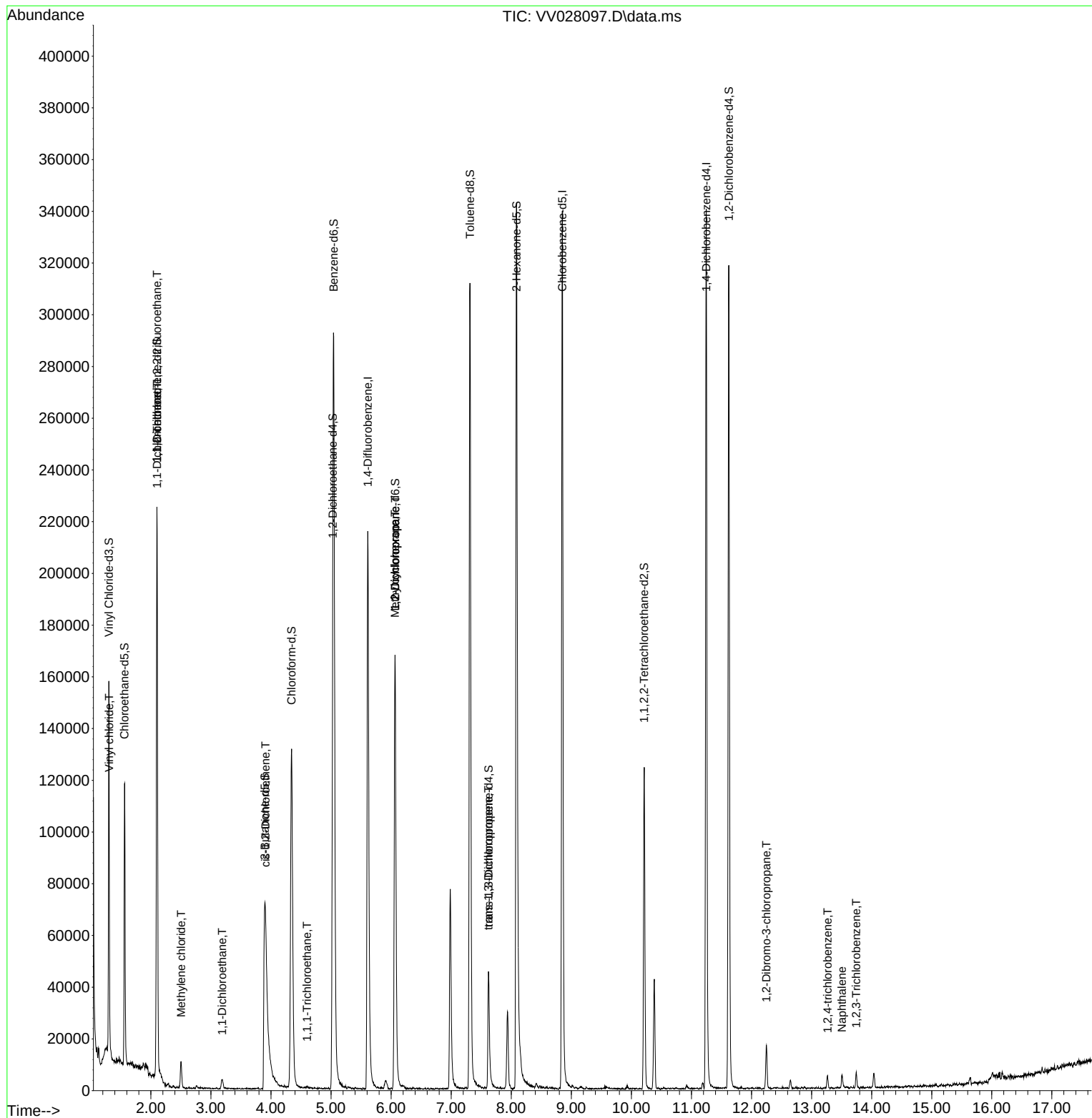
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	195982	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	194427	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	88085	4.335	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.561	69	71639	4.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.101	63	116408	3.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	3.895	46	155308	45.277	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.560%
24) Chloroform-d	4.342	84	141101	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.027	65	68556	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.043	84	272601	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.066	67	84355	4.244	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.313	98	219052	3.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.622	79	29347	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.088	63	128735	42.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.920%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59667	4.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	86108	4.688	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	2414	0.159	ug/L #	45
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1244	0.089	ug/L #	26
12) 1,1-Dichloroethene	2.105	96	1168	0.086	ug/L #	1
16) Methylene chloride	2.503	84	4063	0.269	ug/L	95
19) 1,1-Dichloroethane	3.185	63	4161	0.161	ug/L #	86
22) cis-1,2-Dichloroethene	3.908	96	4729	0.304	ug/L	89
29) 1,1,1-Trichloroethane	4.600	97	390	0.016	ug/L #	70
35) Methylcyclohexane	6.063	83	20309	1.102	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	9469	0.626	ug/L #	87
44) trans-1,3-Dichloropropene	7.619	75	1311	0.081	ug/L	85
68) 1,2-Dibromo-3-chloropr...	12.246	75	496	0.288	ug/L #	1
70) 1,2,4-trichlorobenzene	13.268	180	1796	0.104	ug/L #	89
71) Naphthalene	13.506	128	5049	0.178	ug/L	96
72) 1,2,3-Trichlorobenzene	13.744	180	1967	0.126	ug/L	98

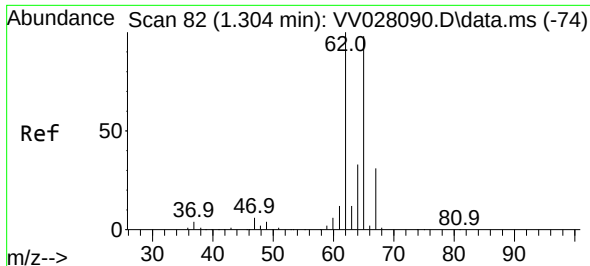
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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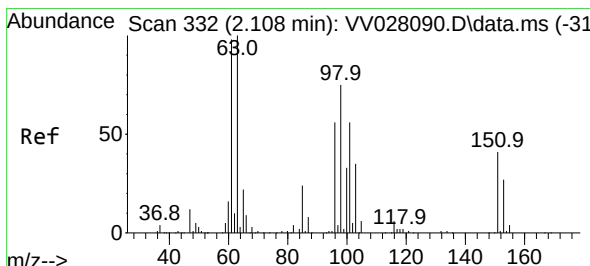
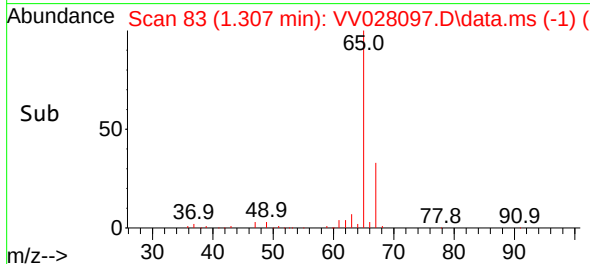
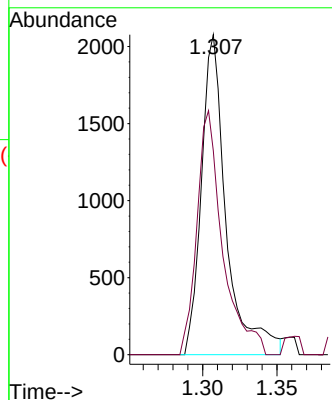
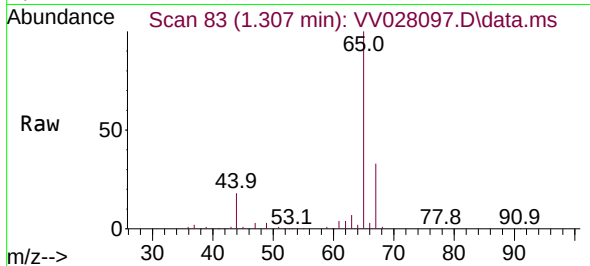




#5
 Vinyl chloride
 Concen: 0.159 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV028097.D
 Acq: 23 Sep 2022 12:37

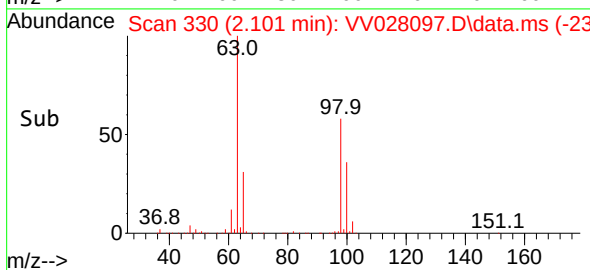
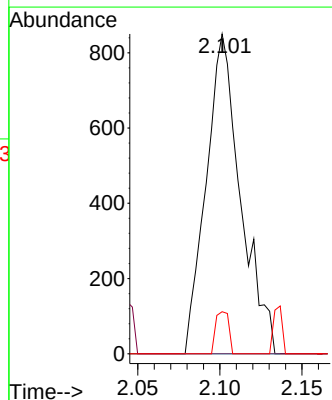
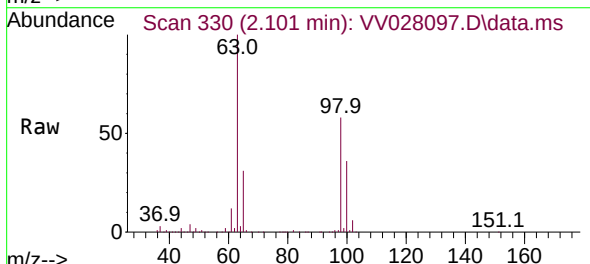
Instrument :
 MSVOA_V
 ClientSampleId :

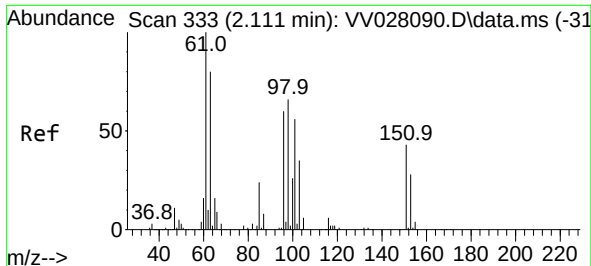
Tgt Ion: 62 Resp: 2414
 Ion Ratio Lower Upper
 62 100
 64 63.7 23.0 42.8#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.089 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.007 min
 Lab File: VV028097.D
 Acq: 23 Sep 2022 12:37

Tgt Ion: 101 Resp: 1244
 Ion Ratio Lower Upper
 101 100
 85 6.0 34.4 51.6#
 151 5.0 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV028097.D

Acq: 23 Sep 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

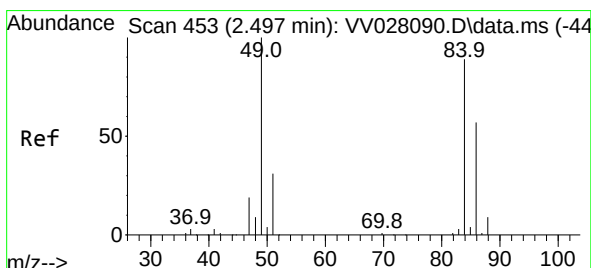
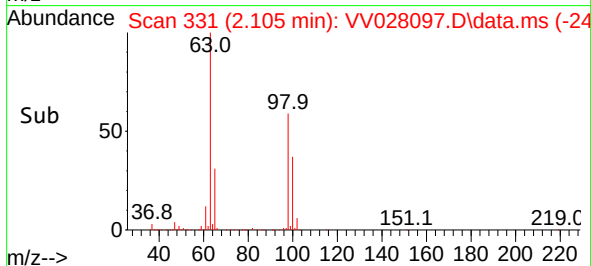
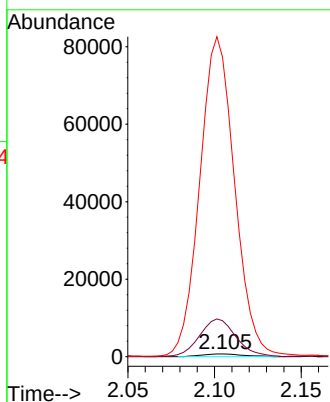
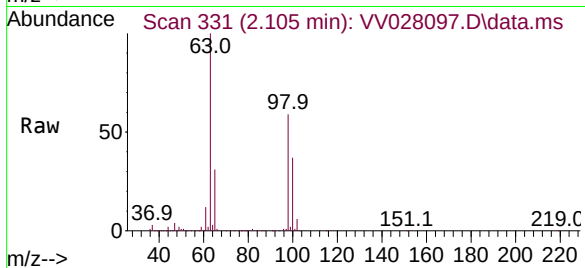
Tgt Ion: 96 Resp: 1168

Ion Ratio Lower Upper

96 100

61 1305.2 128.3 238.3#

63 10845.4 112.7 209.3#



#16

Methylene chloride

Concen: 0.269 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.006 min

Lab File: VV028097.D

Acq: 23 Sep 2022 12:37

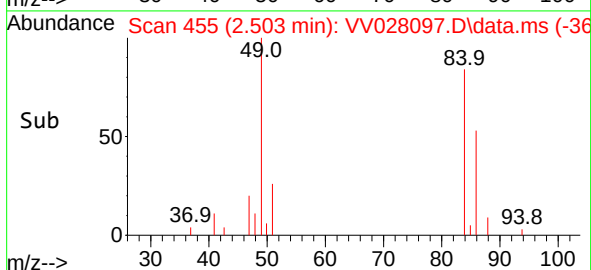
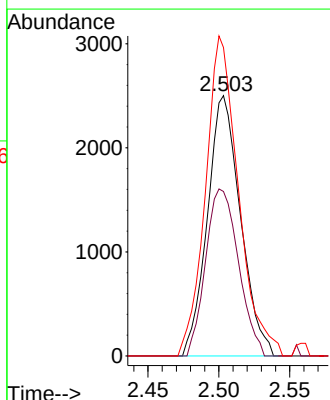
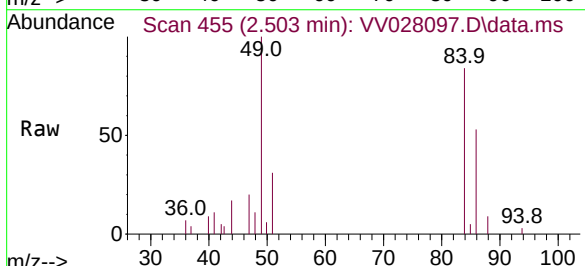
Tgt Ion: 84 Resp: 4063

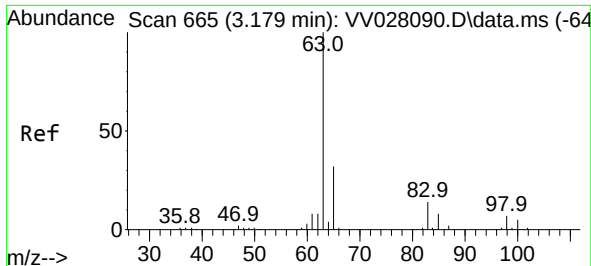
Ion Ratio Lower Upper

84 100

86 63.2 46.8 86.8

49 118.5 87.5 162.5





#19

1,1-Dichloroethane

Concen: 0.161 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV028097.D

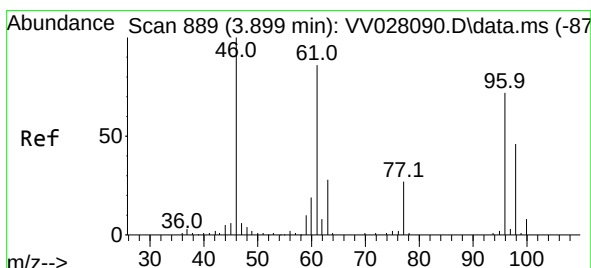
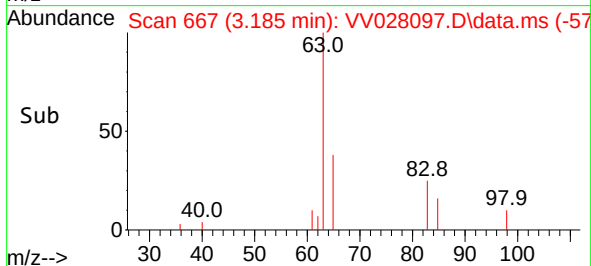
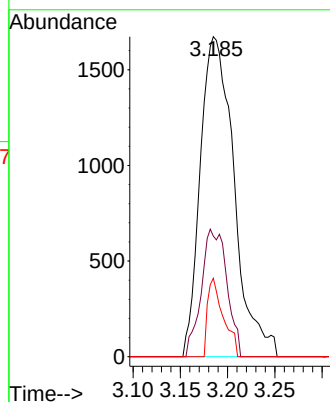
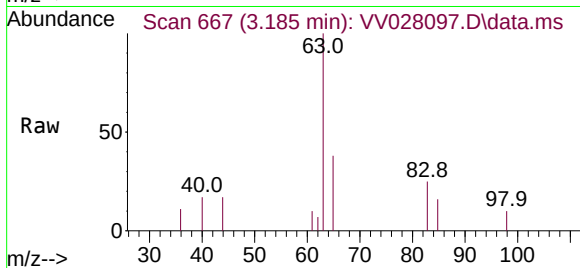
Acq: 23 Sep 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	4161
Ion	Ratio	Lower	Upper
63	100		
65	37.7	23.0	42.8
83	24.5	9.2	17.2#



#22

cis-1,2-Dichloroethene

Concen: 0.304 ug/L

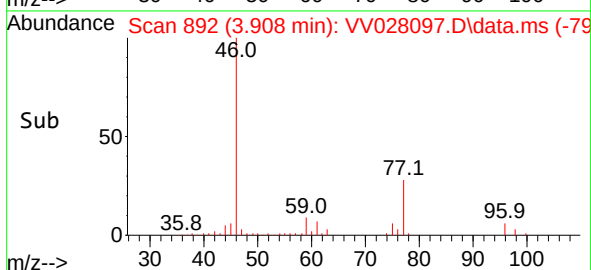
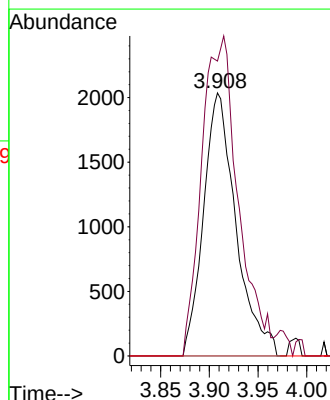
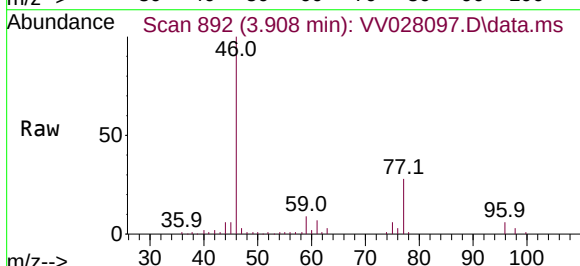
RT: 3.908 min Scan# 892

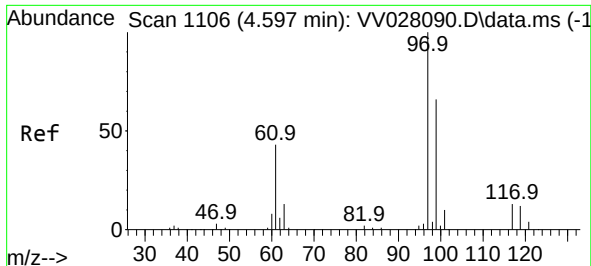
Delta R.T. 0.010 min

Lab File: VV028097.D

Acq: 23 Sep 2022 12:37

Tgt Ion:	96	Resp:	4729
Ion	Ratio	Lower	Upper
96	100		
61	112.1	87.2	161.9
68	0.0	0.0	0.0





#29

1,1,1-Trichloroethane

Concen: 0.016 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV028097.D

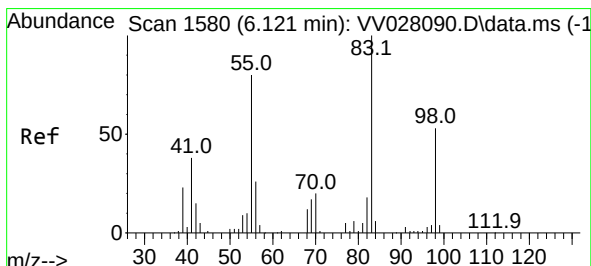
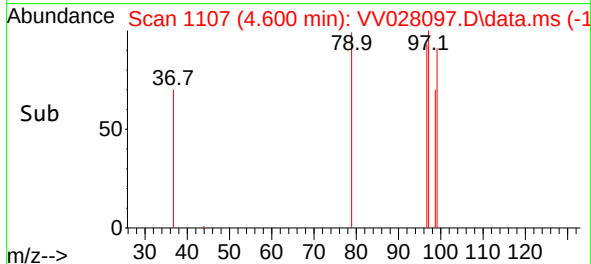
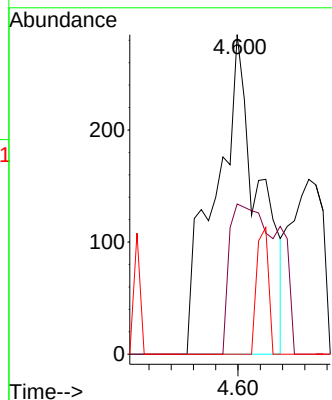
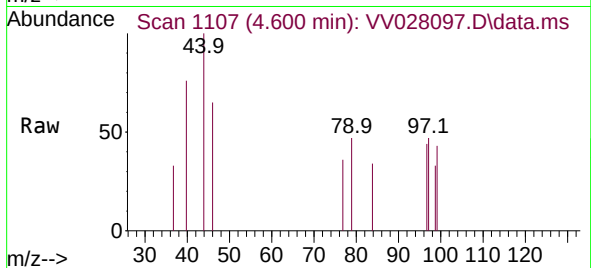
Acq: 23 Sep 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	390
Ion	Ratio	Lower	Upper
97	100		
99	52.3	51.9	77.9
61	10.5	34.8	52.2#



#35

Methylcyclohexane

Concen: 1.102 ug/L

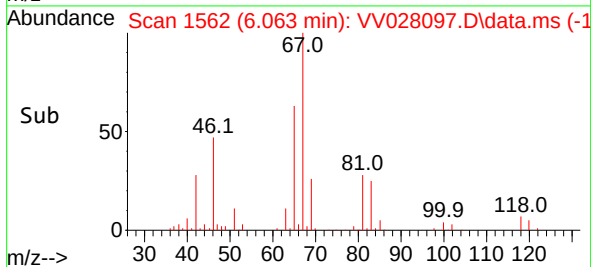
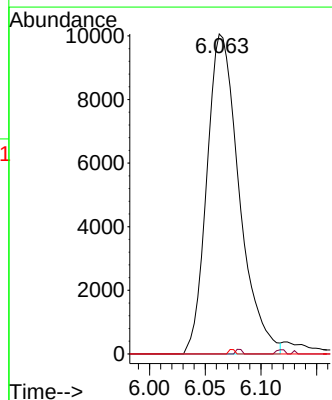
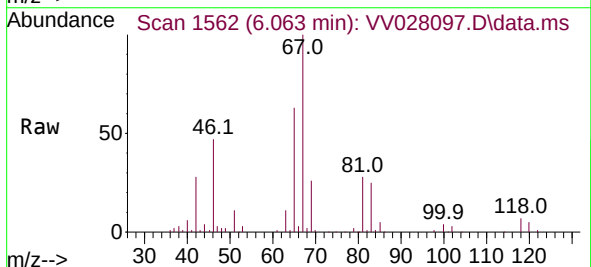
RT: 6.063 min Scan# 1562

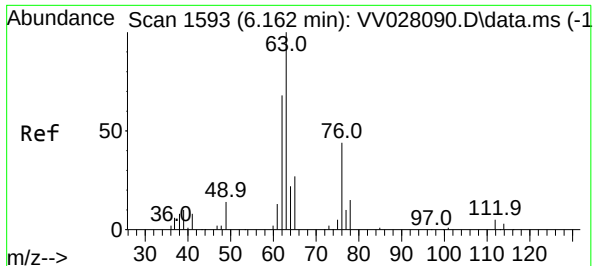
Delta R.T. -0.058 min

Lab File: VV028097.D

Acq: 23 Sep 2022 12:37

Tgt Ion:	83	Resp:	20309
Ion	Ratio	Lower	Upper
83	100		
55	0.3	64.7	97.1#
98	0.3	39.5	59.3#





#37

1,2-Dichloropropane

Concen: 0.626 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV028097.D

Acq: 23 Sep 2022 12:37

Instrument :

MSVOA_V

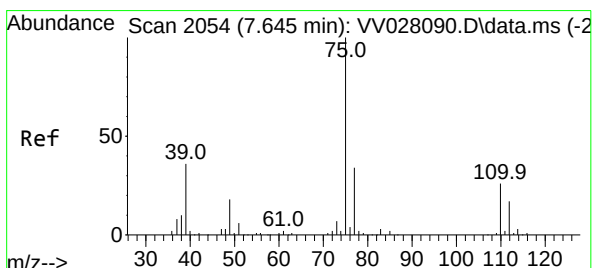
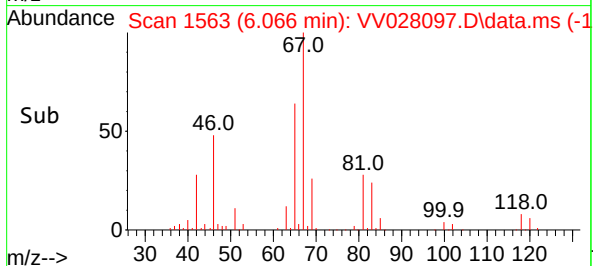
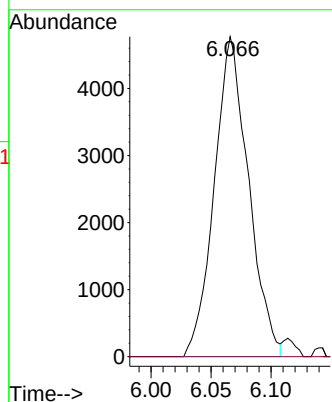
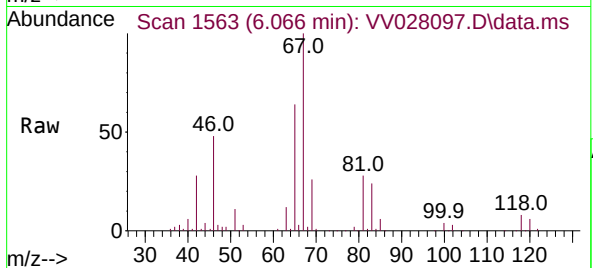
ClientSampleId :

Tgt Ion: 63 Resp: 9469

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.026 min

Lab File: VV028097.D

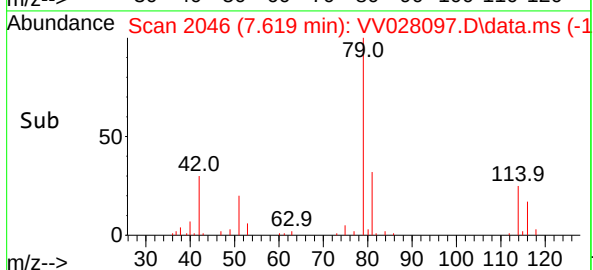
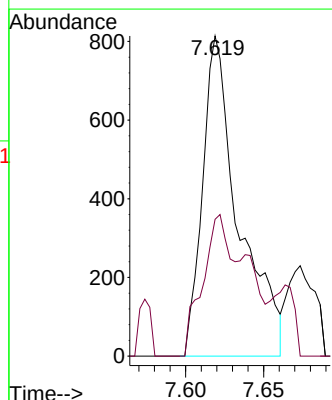
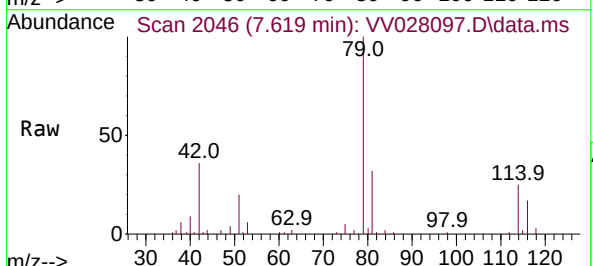
Acq: 23 Sep 2022 12:37

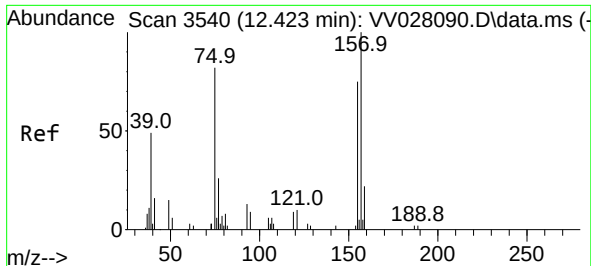
Tgt Ion: 75 Resp: 1311

Ion Ratio Lower Upper

75 100

77 42.8 23.9 44.3

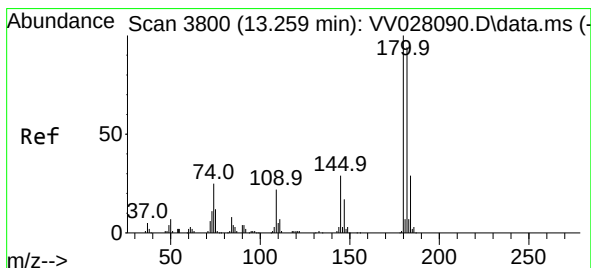
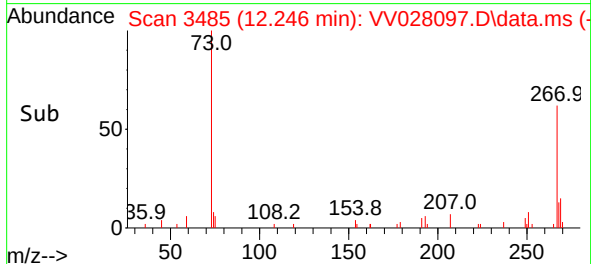
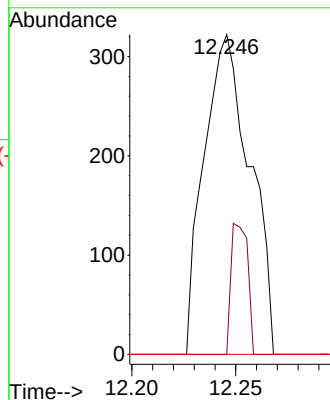
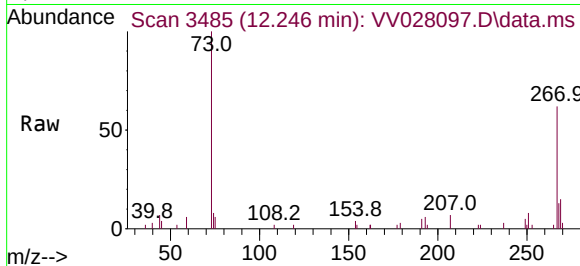




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.288 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.177 min
 Lab File: VV028097.D
 Acq: 23 Sep 2022 12:37

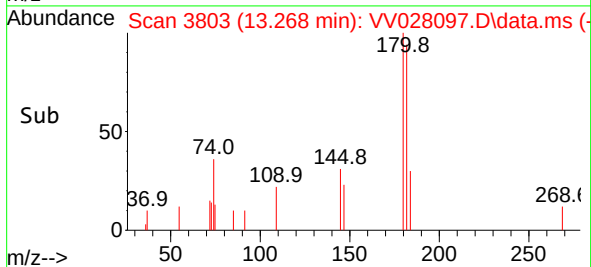
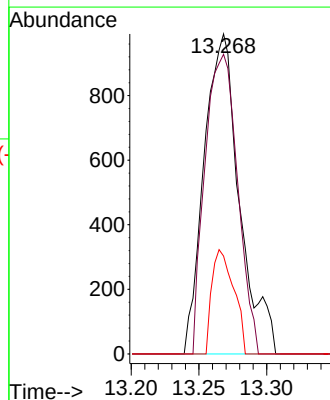
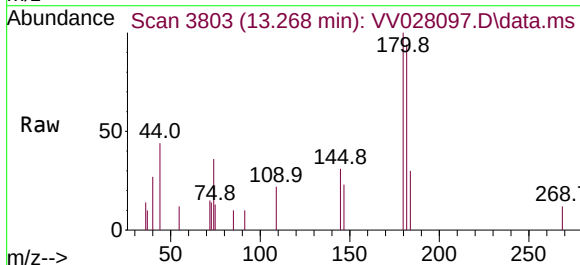
Instrument :
 MSVOA_V
 ClientSampleId :

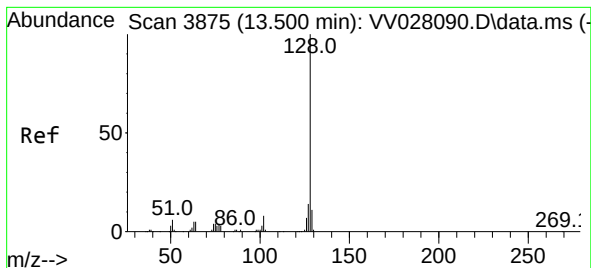
Tgt Ion: 75 Resp: 496
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.6 110.4#
 157 0.0 90.7 136.1#



#70
 1,2,4-trichlorobenzene
 Concen: 0.104 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.010 min
 Lab File: VV028097.D
 Acq: 23 Sep 2022 12:37

Tgt Ion: 180 Resp: 1796
 Ion Ratio Lower Upper
 180 100
 182 86.1 76.3 114.5
 145 20.2 22.9 34.3#





#71

Naphthalene

Concen: 0.178 ug/L

RT: 13.506 min Scan# 3875

Delta R.T. 0.006 min

Lab File: VV028097.D

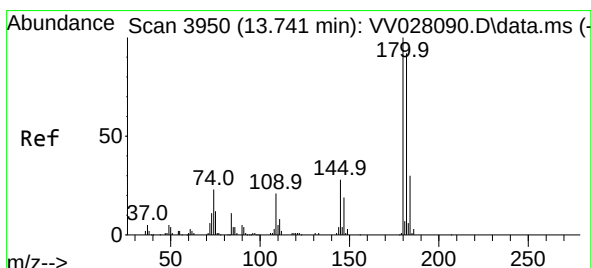
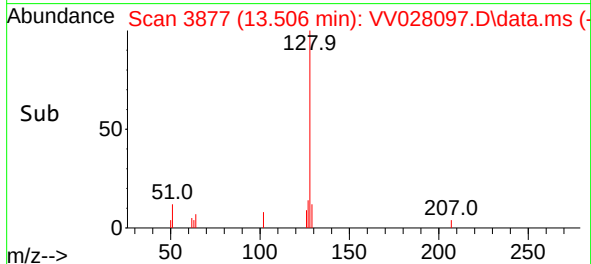
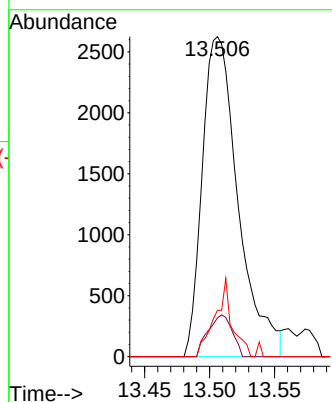
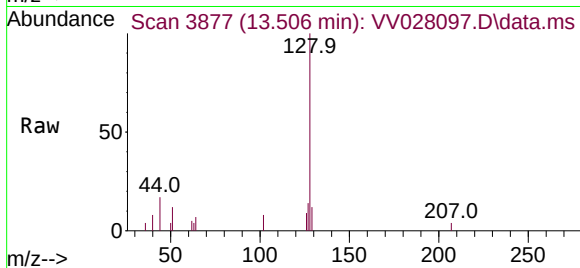
Acq: 23 Sep 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	5049
Ion Ratio	Lower	Upper
128	100	
129	8.8	8.2 12.2
127	11.7	10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 0.126 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV028097.D

Acq: 23 Sep 2022 12:37

Tgt Ion:180	Resp:	1967
Ion Ratio	Lower	Upper
180	100	
182	97.9	77.4 116.0
145	27.5	24.6 36.8

