

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
 Data File : VV028106.D
 Acq On : 23 Sep 2022 16:15
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 01:28:36 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)

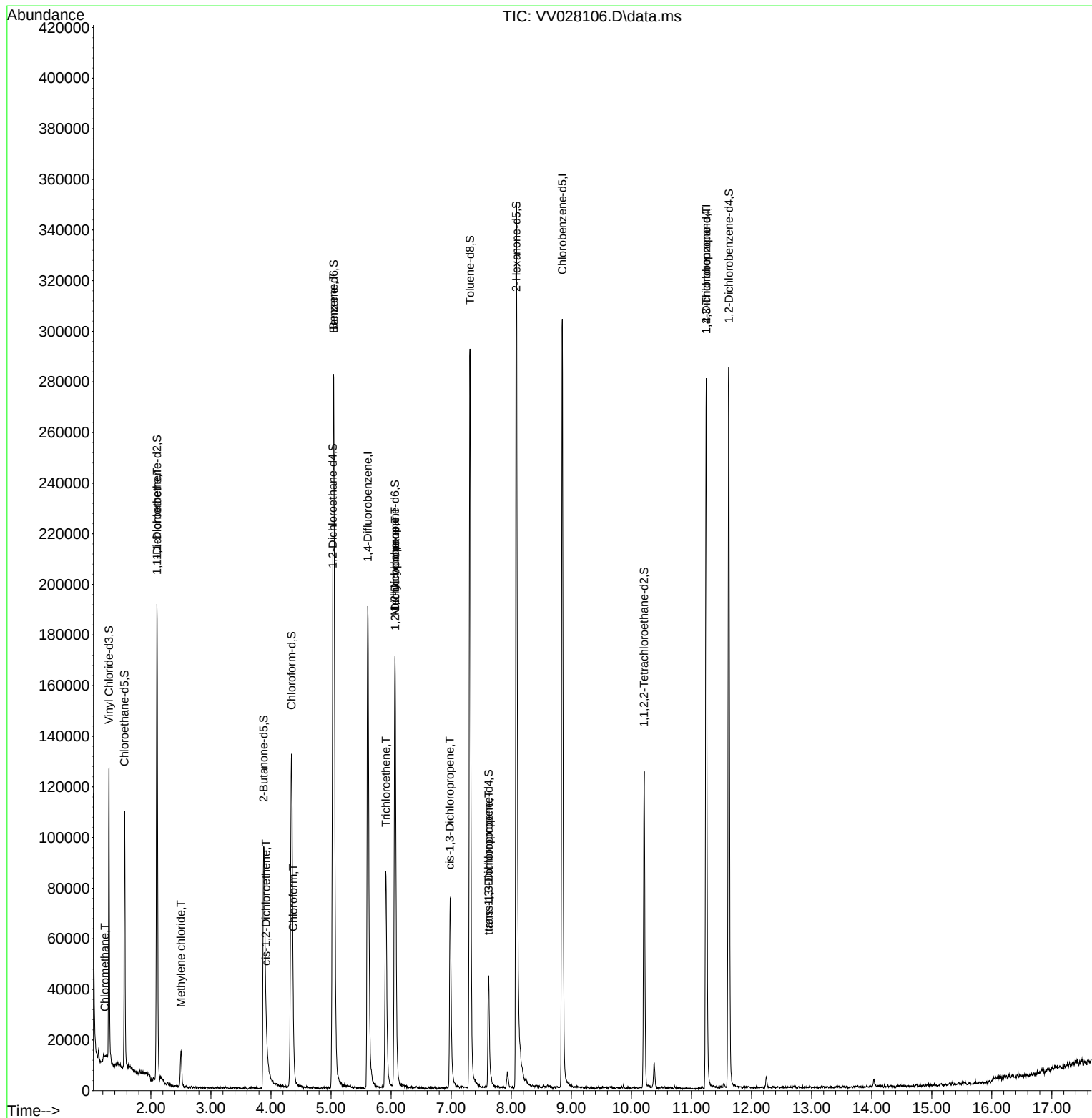
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	171899	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	174138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	75444	4.233	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.561	69	65459	4.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.101	63	100266	3.244	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	3.880	46	163645	54.391	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.780%
24) Chloroform-d	4.343	84	140796	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.027	65	69006	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.043	84	259118	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.066	67	87701	4.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.313	98	199829	3.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	7.622	79	27511	4.279	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.085	63	125507	46.768	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.540%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59887	4.922	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	77946	5.119	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
3) Chloromethane	1.233	50	631	0.037	ug/L	95
12) 1,1-Dichloroethene	2.105	96	975	0.082	ug/L #	1
16) Methylene chloride	2.500	84	5897	0.445	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	351	0.026	ug/L	81
25) Chloroform	4.368	83	1786	0.073	ug/L	100
33) Benzene	5.040	78	2142	0.044	ug/L	100
34) Trichloroethene	5.912	95	31461	2.614	ug/L	99
35) Methylcyclohexane	6.063	83	21603	1.309	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	9308	0.687	ug/L #	87
39) cis-1,3-Dichloropropene	6.979	75	2064	0.123	ug/L	85
44) trans-1,3-Dichloropropene	7.625	75	1188	0.082	ug/L #	72
61) 1,2,3-Trichloropropane	11.246	75	8226	1.263	ug/L #	68

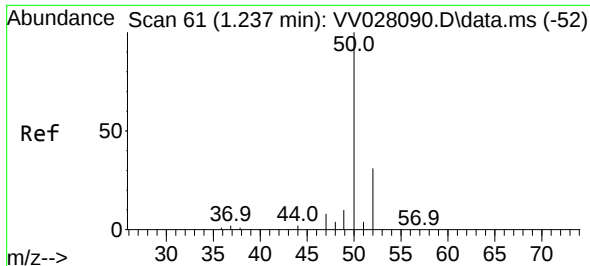
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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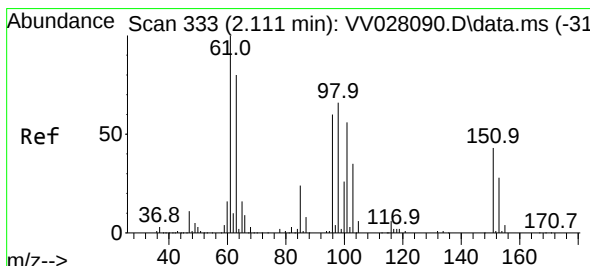
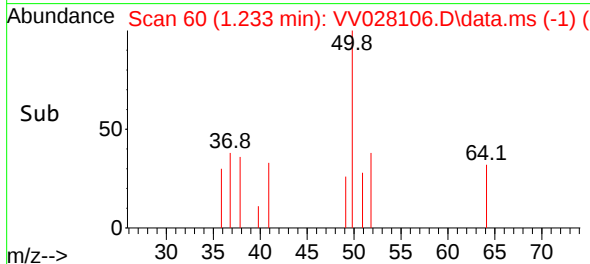
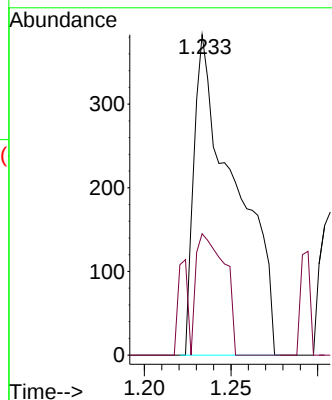
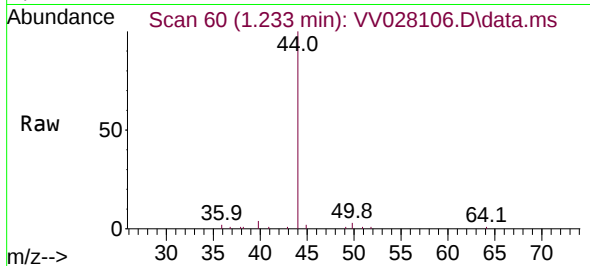




#3
Chloromethane
Concen: 0.037 ug/L
RT: 1.233 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV028106.D
Acq: 23 Sep 2022 16:15

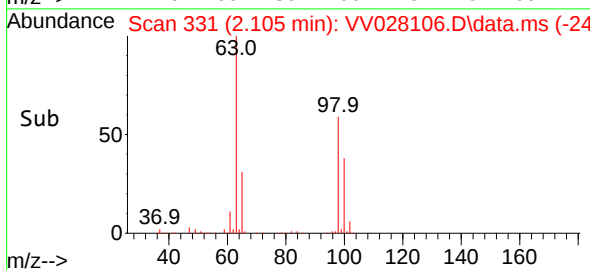
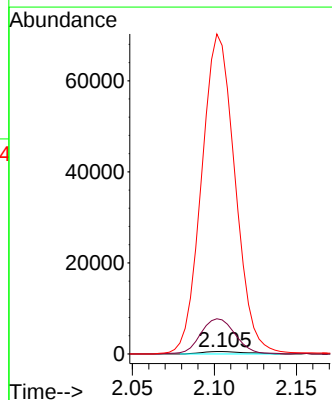
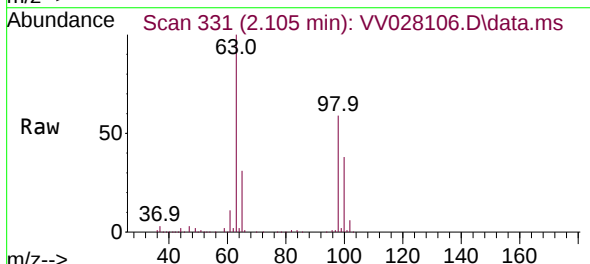
Instrument :
MSVOA_V
ClientSampleId :

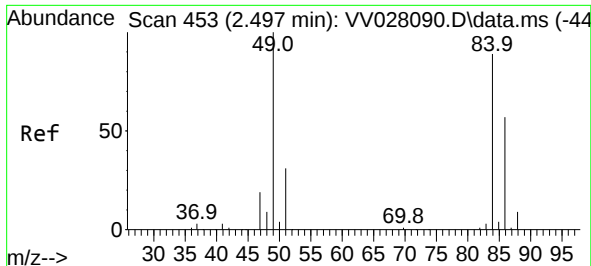
Tgt Ion: 50 Resp: 631
Ion Ratio Lower Upper
50 100
52 37.9 24.4 45.2



#12
1,1-Dichloroethene
Concen: 0.082 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV028106.D
Acq: 23 Sep 2022 16:15

Tgt Ion: 96 Resp: 975
Ion Ratio Lower Upper
96 100
61 1394.8 128.3 238.3#
63 12643.3 112.7 209.3#

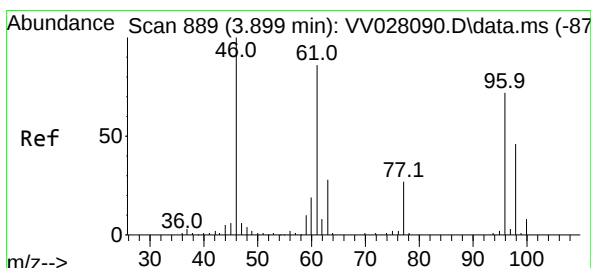
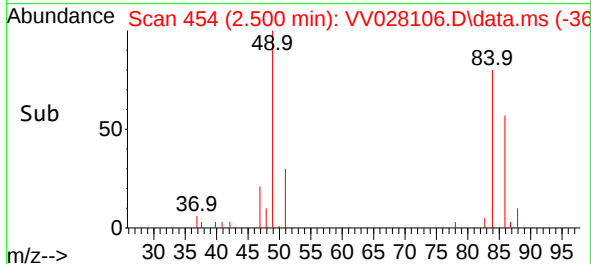
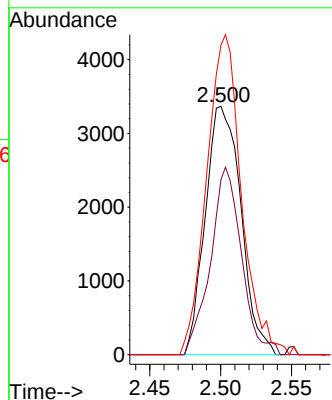
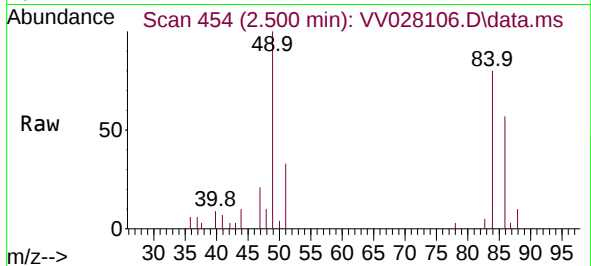




#16
Methylene chloride
Concen: 0.445 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028106.D
Acq: 23 Sep 2022 16:15

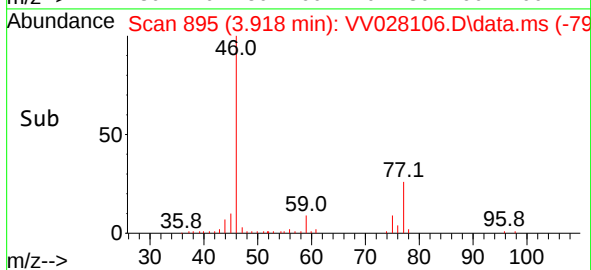
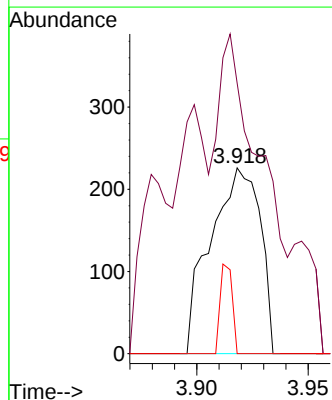
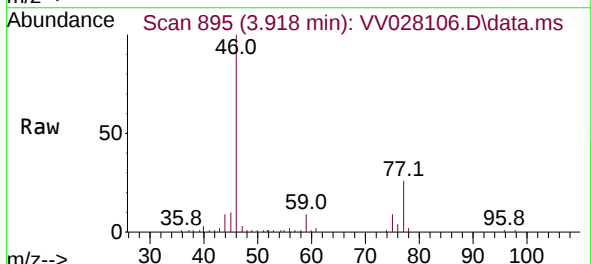
Instrument :
MSVOA_V
ClientSampleId :

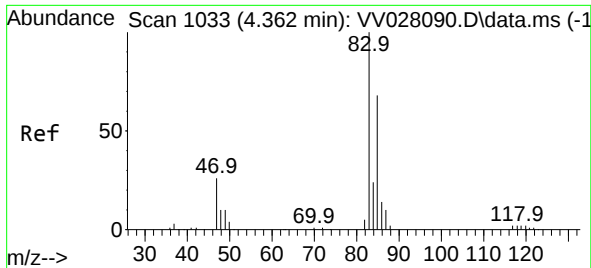
Tgt Ion: 84 Resp: 5897
Ion Ratio Lower Upper
84 100
86 70.5 46.8 86.8
49 124.7 87.5 162.5



#22
cis-1,2-Dichloroethene
Concen: 0.026 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.019 min
Lab File: VV028106.D
Acq: 23 Sep 2022 16:15

Tgt Ion: 96 Resp: 351
Ion Ratio Lower Upper
96 100
61 145.6 87.2 161.9
68 0.0 0.0 0.0

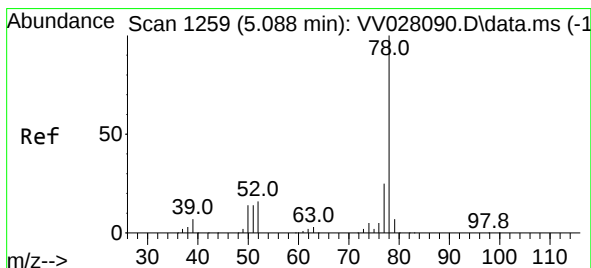
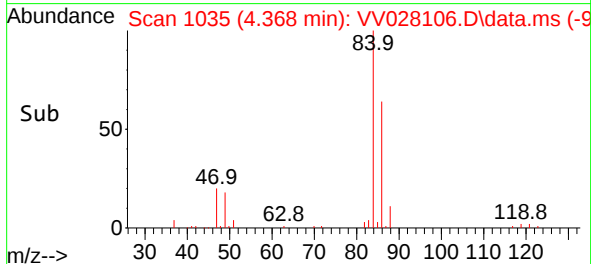
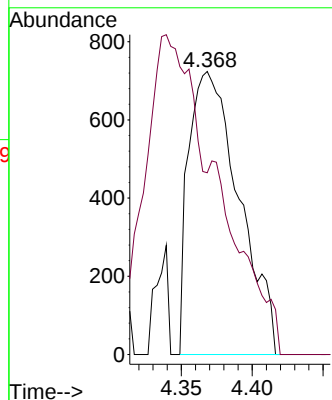
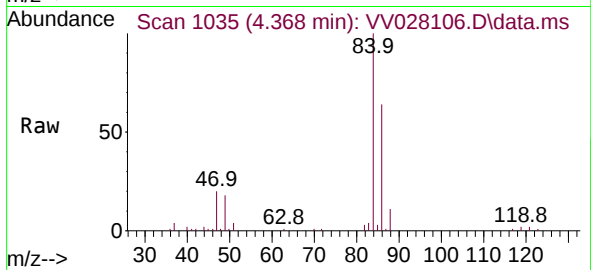




#25
Chloroform
Concen: 0.073 ug/L
RT: 4.368 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VV028106.D
Acq: 23 Sep 2022 16:15

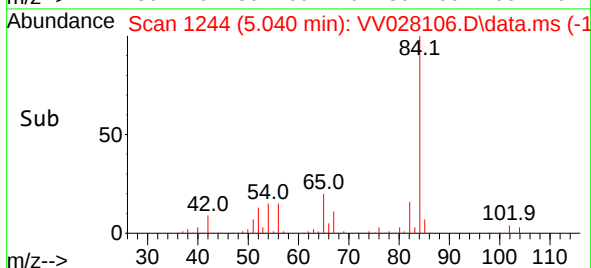
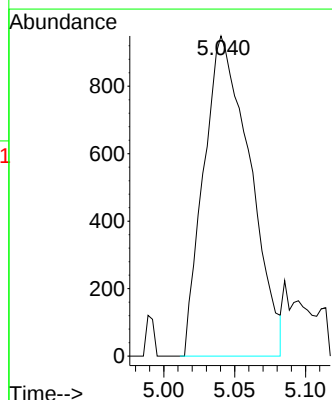
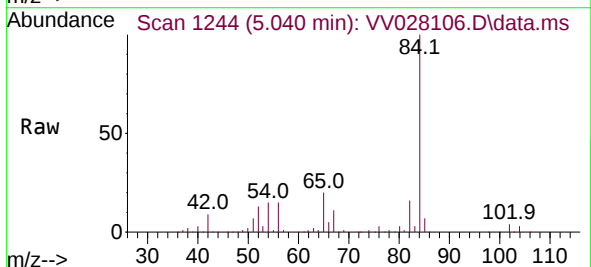
Instrument :
MSVOA_V
ClientSampleId :

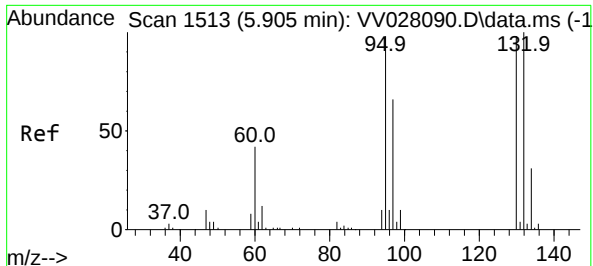
Tgt Ion: 83 Resp: 1786
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.7



#33
Benzene
Concen: 0.044 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.048 min
Lab File: VV028106.D
Acq: 23 Sep 2022 16:15

Tgt Ion: 78 Resp: 2142

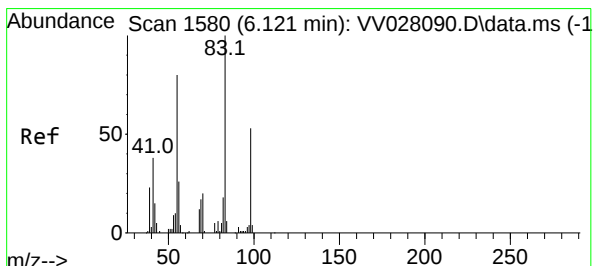
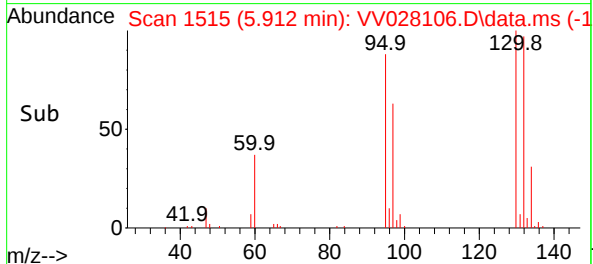
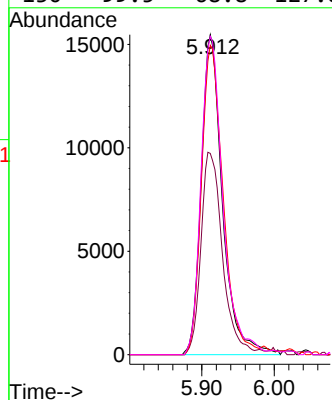
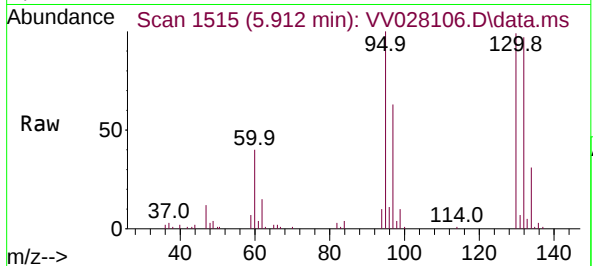




#34
Trichloroethene
Concen: 2.614 ug/L
RT: 5.912 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VV028106.D
Acq: 23 Sep 2022 16:15

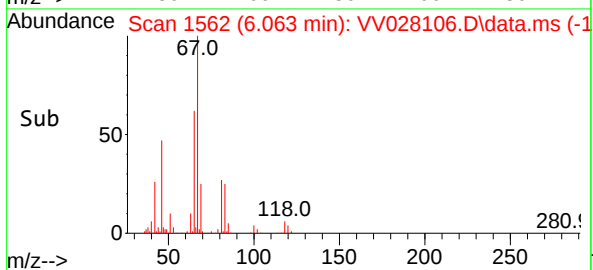
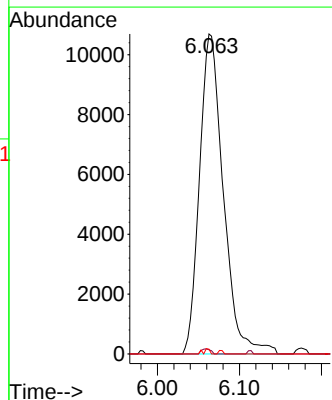
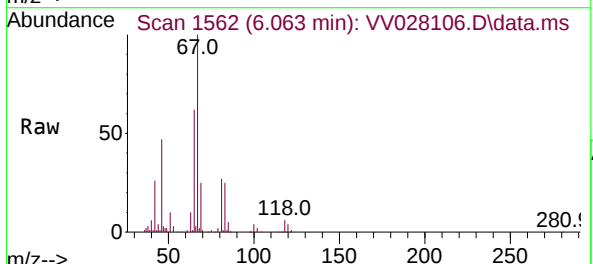
Instrument :
MSVOA_V
ClientSampleId :

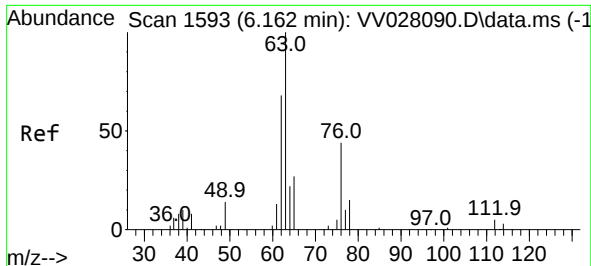
Tgt Ion: 95 Resp: 31461
Ion Ratio Lower Upper
95 100
97 62.9 44.2 82.0
132 96.7 67.8 126.0
130 99.5 68.8 127.8



#35
Methylcyclohexane
Concen: 1.309 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV028106.D
Acq: 23 Sep 2022 16:15

Tgt Ion: 83 Resp: 21603
Ion Ratio Lower Upper
83 100
55 0.6 64.7 97.1#
98 0.4 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.687 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV028106.D

Acq: 23 Sep 2022 16:15

Instrument :

MSVOA_V

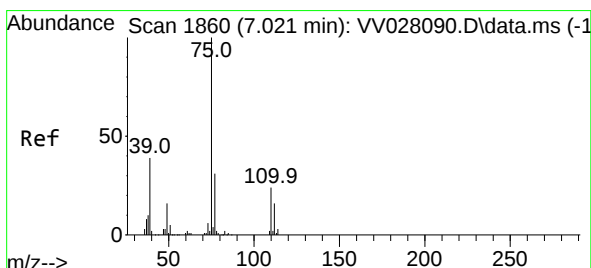
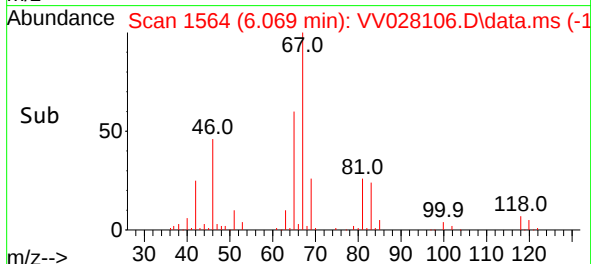
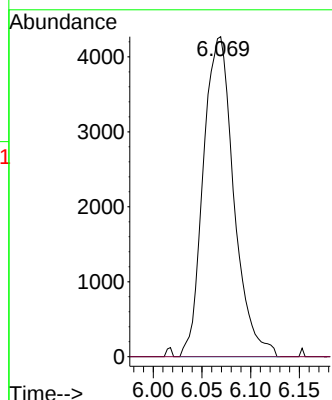
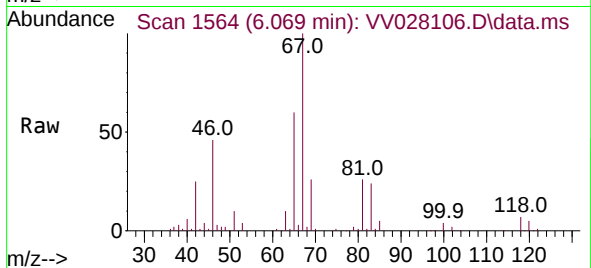
ClientSampleId :

Tgt Ion: 63 Resp: 9308

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.042 min

Lab File: VV028106.D

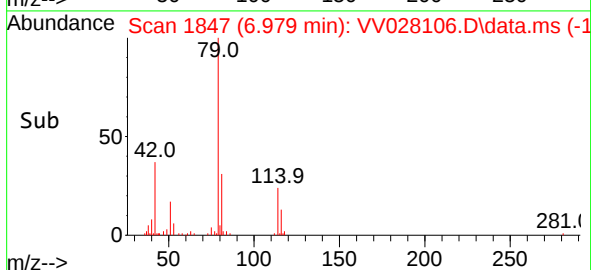
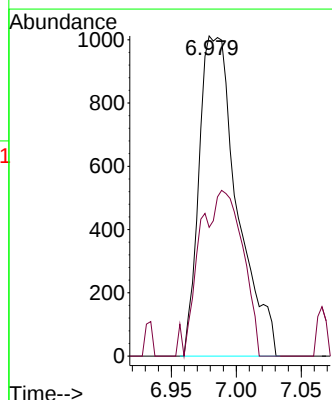
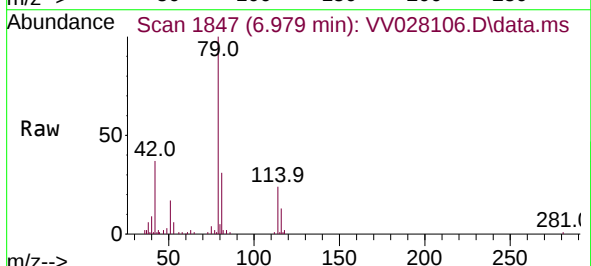
Acq: 23 Sep 2022 16:15

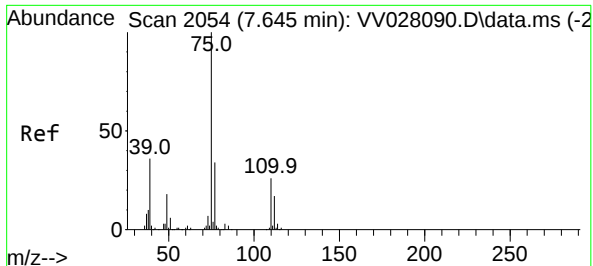
Tgt Ion: 75 Resp: 2064

Ion Ratio Lower Upper

75 100

77 40.2 22.4 41.6





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.625 min Scan# 2054

Delta R.T. -0.019 min

Lab File: VV028106.D

Acq: 23 Sep 2022 16:15

Instrument :

MSVOA_V

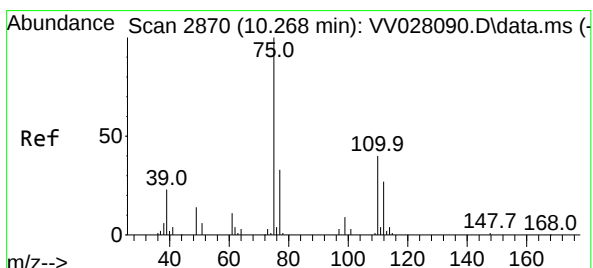
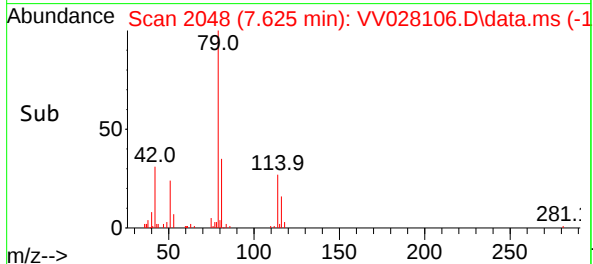
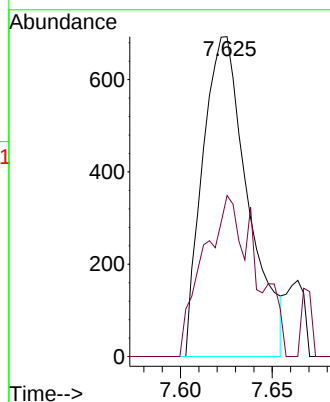
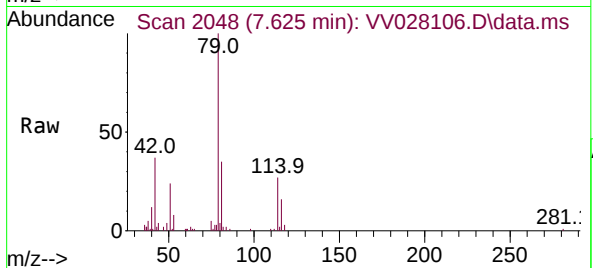
ClientSampleId :

Tgt Ion: 75 Resp: 1188

Ion Ratio Lower Upper

75 100

77 50.4 23.9 44.3#



#61

1,2,3-Trichloropropane

Concen: 1.263 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV028106.D

Acq: 23 Sep 2022 16:15

Tgt Ion: 75 Resp: 8226

Ion Ratio Lower Upper

75 100

77 32.8 26.7 40.1

110 1.9 30.1 45.1#

