

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
 Data File : VV028099.D
 Acq On : 23 Sep 2022 13:25
 Operator : SY/MD
 Sample : N4652-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

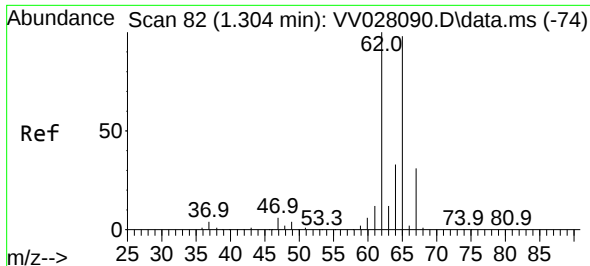
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 01:27:02 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	192864	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	189453	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	90043	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	81280	4.065	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.564	69	69642	4.381	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.101	63	109406	3.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	3.899	46	154318	45.716	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.440%
24) Chloroform-d	4.342	84	139845	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.030	65	69608	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.043	84	262258	4.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.066	67	83351	4.304	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.313	98	209162	3.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.622	79	27682	3.957	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.088	63	125179	42.875	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.740%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	60049	4.536	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	84403	4.779	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
5) Vinyl chloride	1.307	62	780	0.052	ug/L #	1
12) 1,1-Dichloroethene	2.101	96	1245	0.093	ug/L #	1
16) Methylene chloride	2.500	84	4925	0.331	ug/L	93
22) cis-1,2-Dichloroethene	3.908	96	577	0.038	ug/L	93
25) Chloroform	4.358	83	2372	0.087	ug/L #	70
29) 1,1,1-Trichloroethane	4.603	97	647	0.028	ug/L #	29
35) Methylcyclohexane	6.063	83	20961	1.167	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	9121	0.618	ug/L #	87
44) trans-1,3-Dichloropropene	7.622	75	1293	0.082	ug/L #	64
61) 1,2,3-Trichloropropane	11.246	75	9614	1.273	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.239	75	422	0.255	ug/L #	1

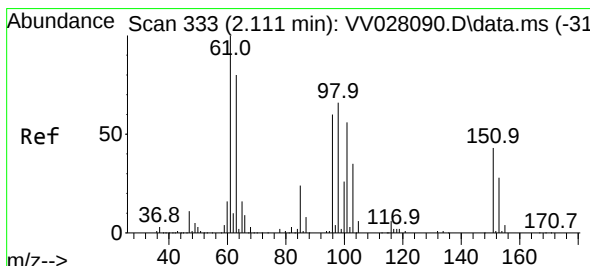
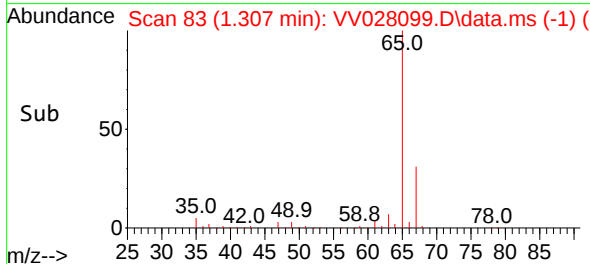
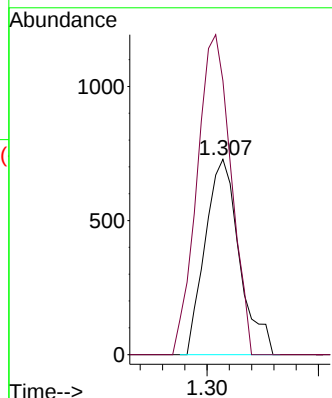
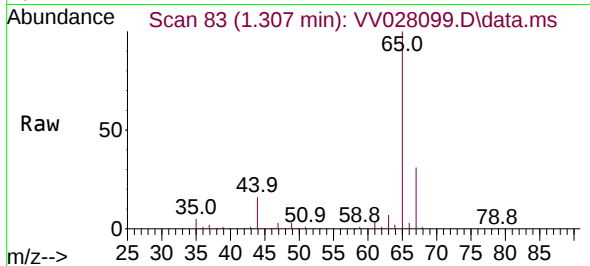
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.052 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV028099.D
 Acq: 23 Sep 2022 13:25

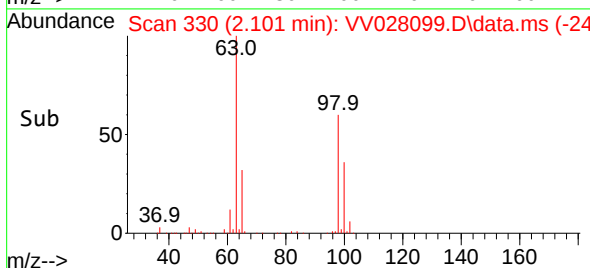
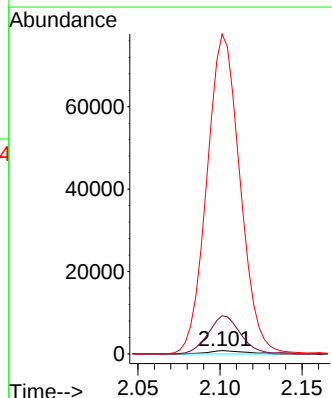
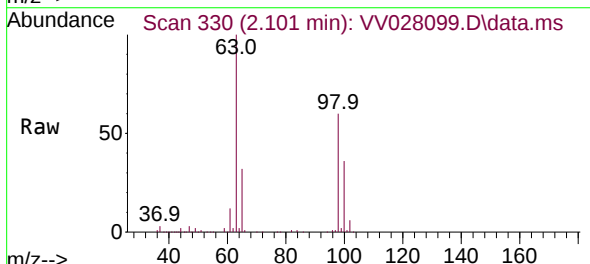
Instrument :
 MSVOA_V
 ClientSampleId :

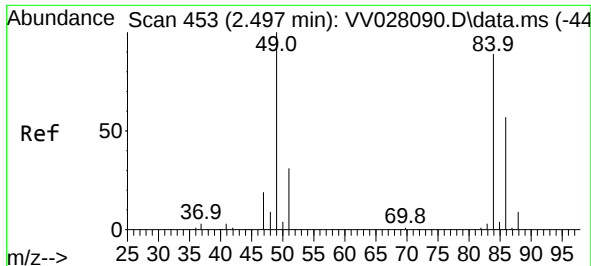
Tgt Ion: 62 Resp: 780
 Ion Ratio Lower Upper
 62 100
 64 140.2 23.0 42.8#



#12
 1,1-Dichloroethene
 Concen: 0.093 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.010 min
 Lab File: VV028099.D
 Acq: 23 Sep 2022 13:25

Tgt Ion: 96 Resp: 1245
 Ion Ratio Lower Upper
 96 100
 61 1138.7 128.3 238.3#
 63 9542.0 112.7 209.3#

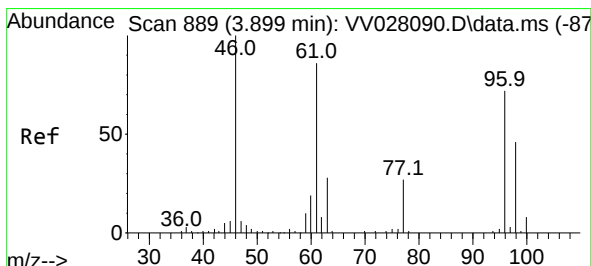
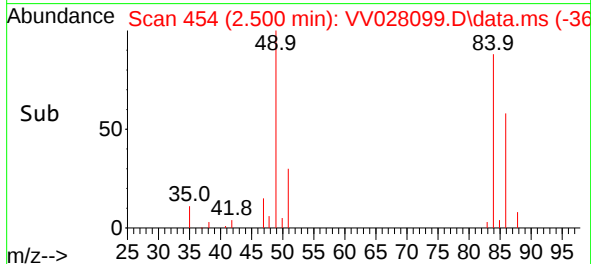
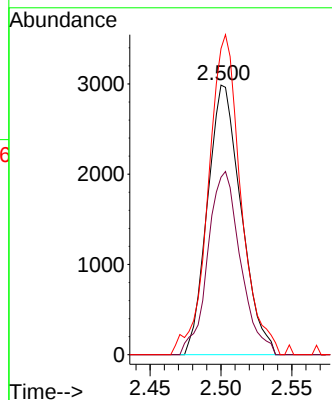
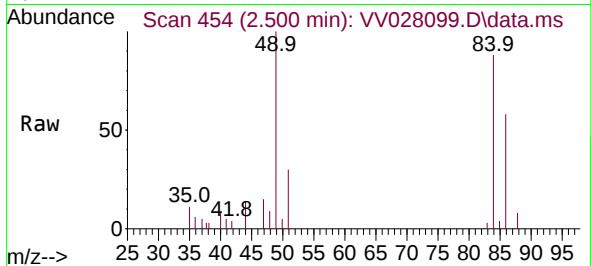




#16
Methylene chloride
Concen: 0.331 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028099.D
Acq: 23 Sep 2022 13:25

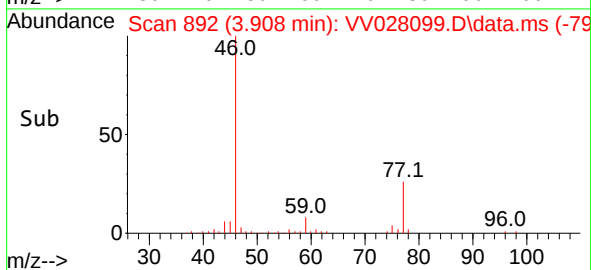
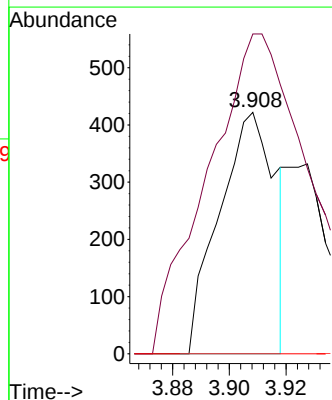
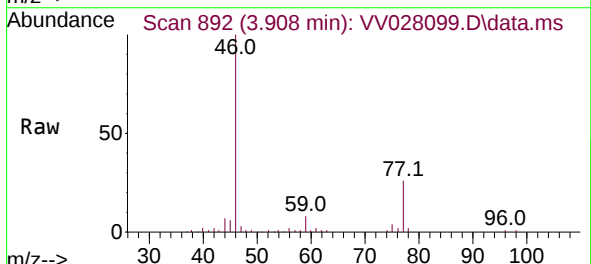
Instrument :
MSVOA_V
ClientSampleId :

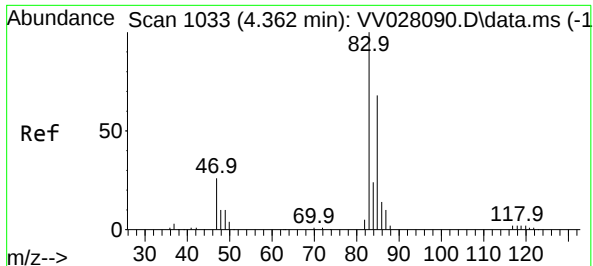
Tgt Ion: 84 Resp: 4925
Ion Ratio Lower Upper
84 100
86 65.8 46.8 86.8
49 113.5 87.5 162.5



#22
cis-1,2-Dichloroethene
Concen: 0.038 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.009 min
Lab File: VV028099.D
Acq: 23 Sep 2022 13:25

Tgt Ion: 96 Resp: 577
Ion Ratio Lower Upper
96 100
61 132.5 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.087 ug/L

RT: 4.358 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV028099.D

Acq: 23 Sep 2022 13:25

Instrument :

MSVOA_V

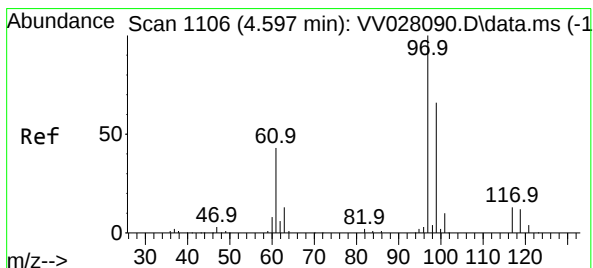
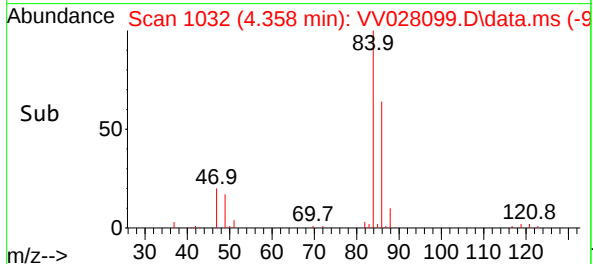
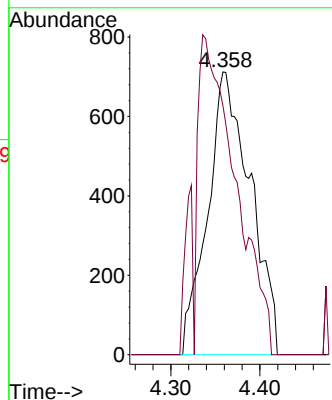
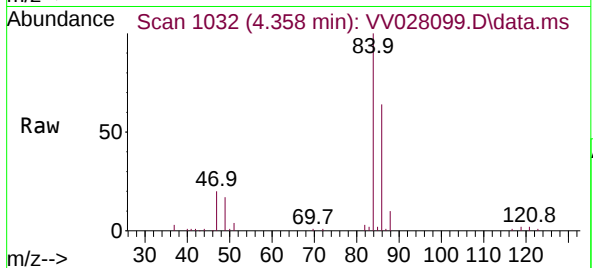
ClientSampleId :

Tgt Ion: 83 Resp: 2372

Ion Ratio Lower Upper

83 100

85 88.1 45.1 83.7#



#29

1,1,1-Trichloroethane

Concen: 0.028 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV028099.D

Acq: 23 Sep 2022 13:25

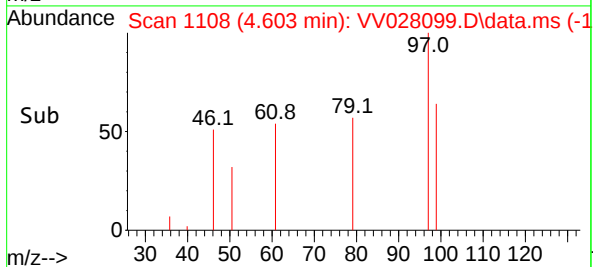
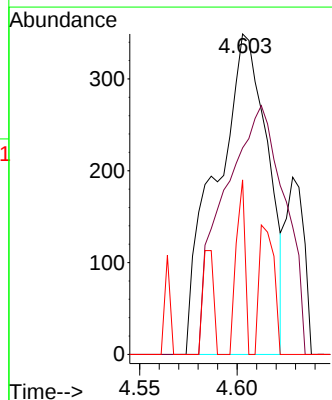
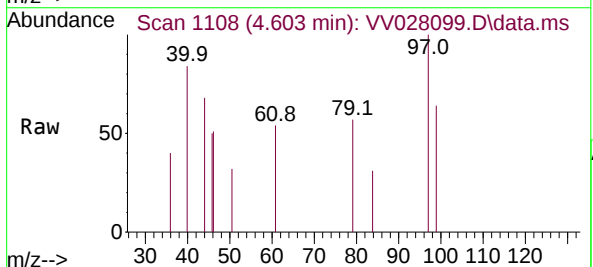
Tgt Ion: 97 Resp: 647

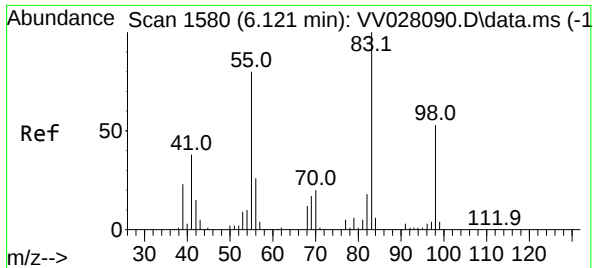
Ion Ratio Lower Upper

97 100

99 0.0 51.9 77.9#

61 9.3 34.8 52.2#

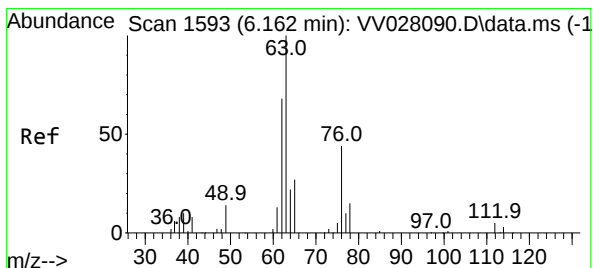
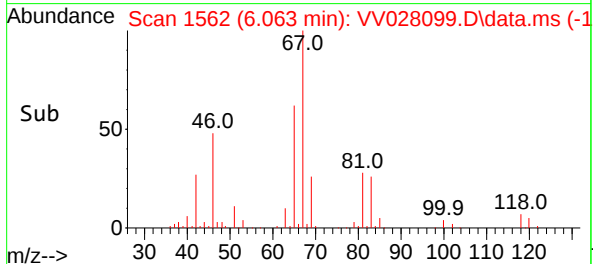
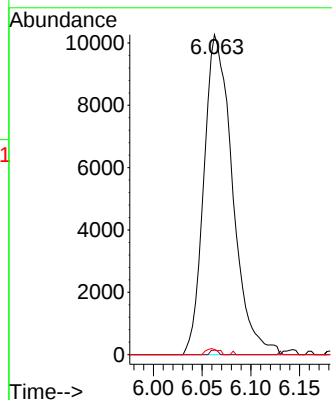
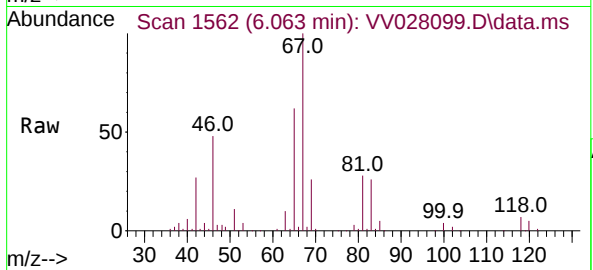




#35
Methylcyclohexane
Concen: 1.167 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV028099.D
Acq: 23 Sep 2022 13:25

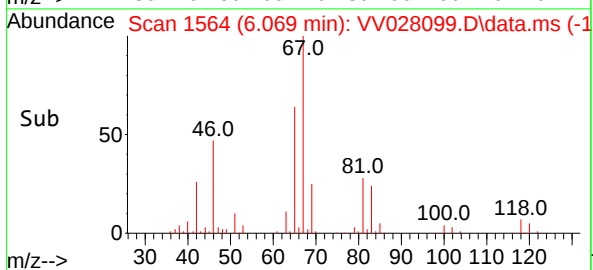
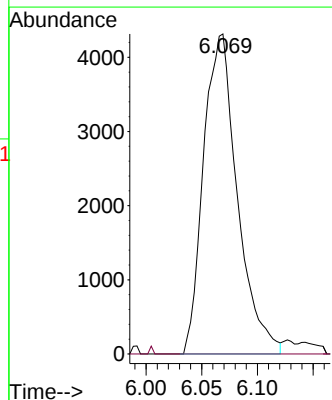
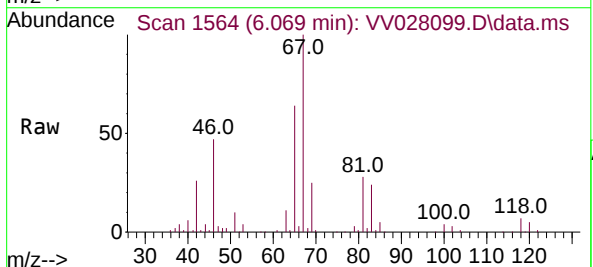
Instrument :
MSVOA_V
ClientSampleId :

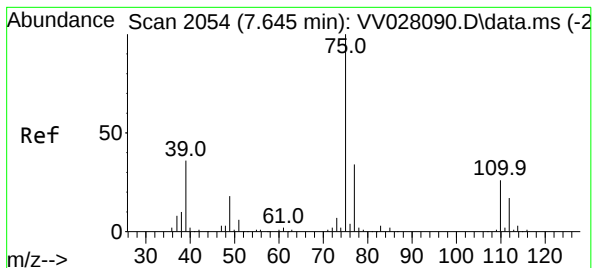
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	64.7	97.1#
98	0.8	39.5	59.3#



#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.093 min
Lab File: VV028099.D
Acq: 23 Sep 2022 13:25

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.5	5.3#





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.622 min Scan# 2054

Delta R.T. -0.023 min

Lab File: VV028099.D

Acq: 23 Sep 2022 13:25

Instrument :

MSVOA_V

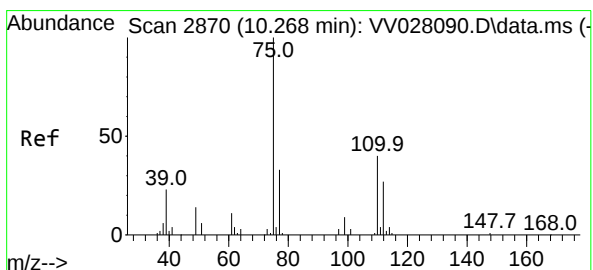
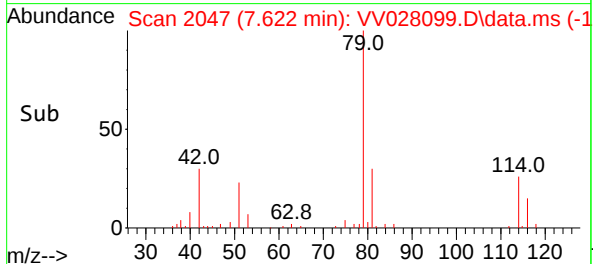
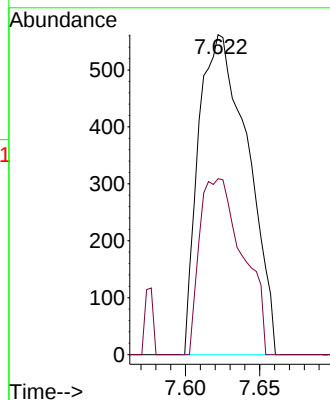
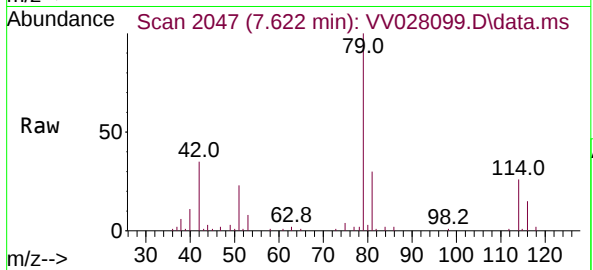
ClientSampleId :

Tgt Ion: 75 Resp: 1293

Ion Ratio Lower Upper

75 100

77 55.0 23.9 44.3#



#61

1,2,3-Trichloropropane

Concen: 1.273 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV028099.D

Acq: 23 Sep 2022 13:25

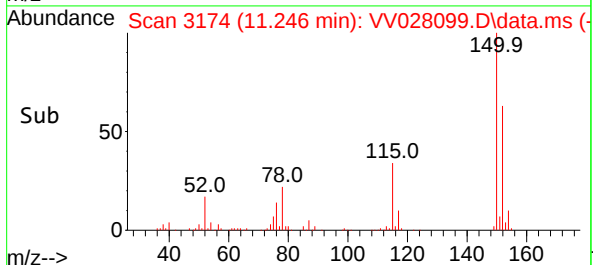
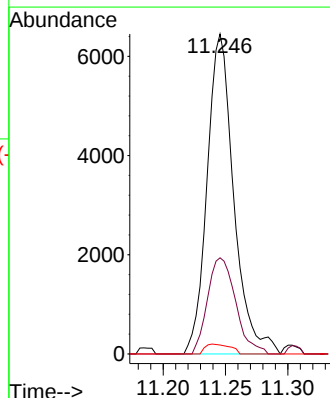
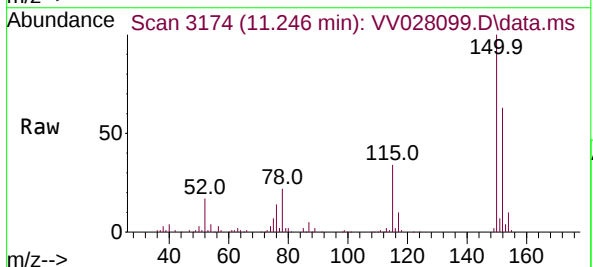
Tgt Ion: 75 Resp: 9614

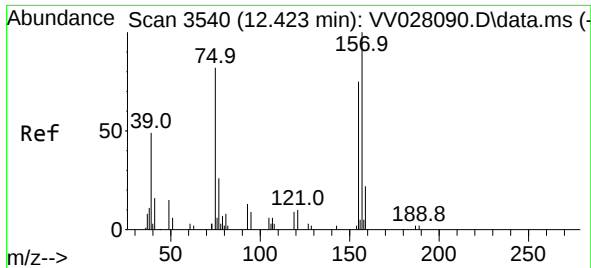
Ion Ratio Lower Upper

75 100

77 31.6 26.7 40.1

110 2.9 30.1 45.1#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.255 ug/L

RT: 12.239 min Scan# 34

Delta R.T. -0.183 min

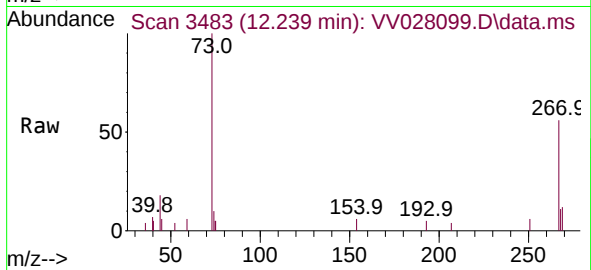
Lab File: VV028099.D

Acq: 23 Sep 2022 13:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 422

Ion Ratio Lower Upper

75 100

155 0.0 73.6 110.4#

157 0.0 90.7 136.1#

