

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092922\
 Data File : VW028197.D
 Acq On : 29 Sep 2022 19:41
 Operator : SY/MD
 Sample : N4865-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW844

Quant Time: Sep 30 01:49:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	146076	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	151385	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67981	4.489	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.561	69	55222	4.586	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.101	63	94106	3.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.895	46	110024	43.034	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.060%
24) Chloroform-d	4.342	84	102668	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.027	65	49511	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.043	84	207930	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.066	67	60670	3.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.313	98	176045	3.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.622	79	20531	3.673	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.085	63	91657	39.287	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.580%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41959	3.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	67169	4.550	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	2796	0.247	ug/L #	60
8) Chloroethane	1.597	64	6598	0.869	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	976	0.094	ug/L #	22
12) 1,1-Dichloroethene	2.101	96	1052	0.104	ug/L #	1
16) Methylene chloride	2.500	84	10650	0.945	ug/L	88
18) trans-1,2-Dichloroethene	2.754	96	13383	1.514	ug/L	87
22) cis-1,2-Dichloroethene	3.908	96	11599	1.000	ug/L	85
25) Chloroform	4.365	83	4525	0.219	ug/L	79
34) Trichloroethene	5.911	95	12363	1.181	ug/L	93
35) Methylcyclohexane	6.066	83	15239	1.062	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	6707	0.569	ug/L #	87
45) 1,1,2-Trichloroethane	7.972	97	3232	0.409	ug/L #	1
47) Tetrachloroethene	7.969	164	458098	54.844	ug/L	97
49) Dibromochloromethane	7.969	129	400382	42.153	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7210	1.142	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.246	75	198	0.143	ug/L #	1

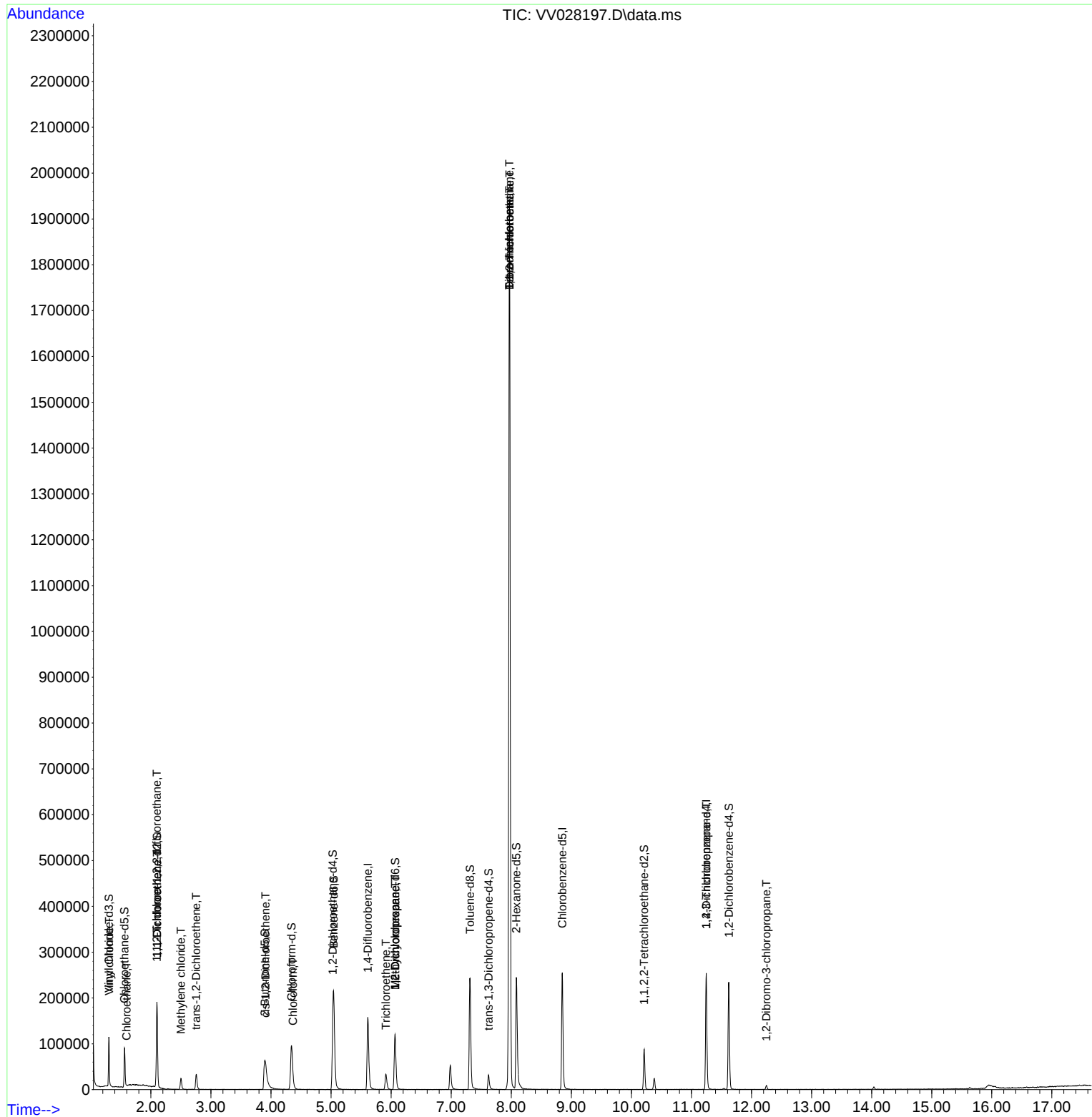
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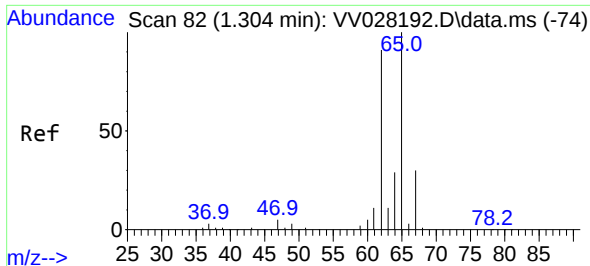
Instrument :
MSVOA_V
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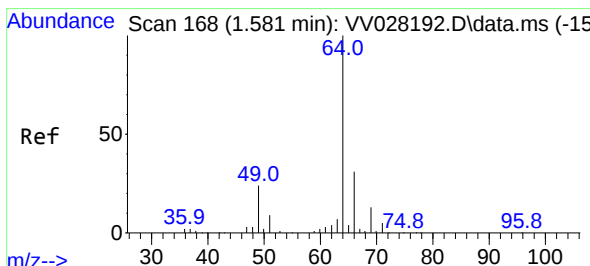
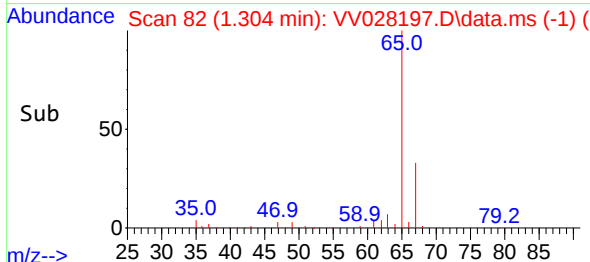
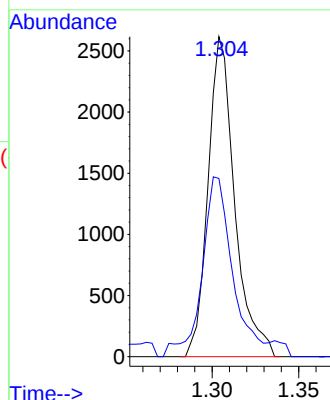
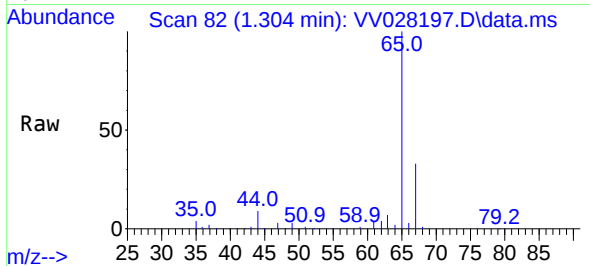




#5
 Vinyl chloride
 Concen: 0.247 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028197.D
 Acq: 29 Sep 2022 19:41

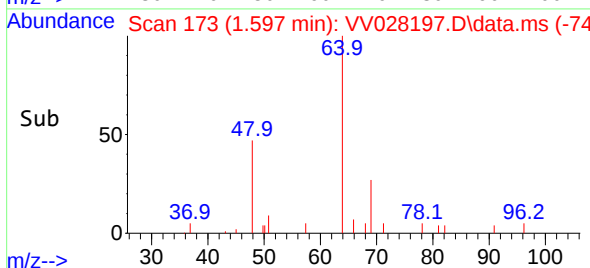
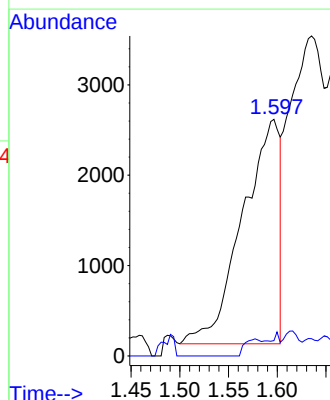
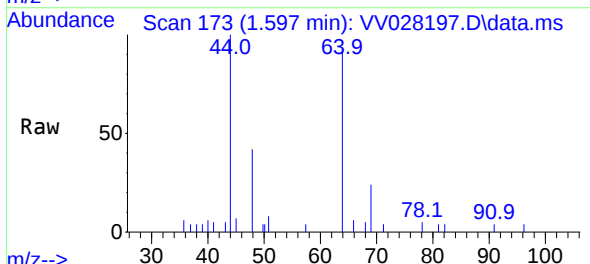
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 ClientSampleId :
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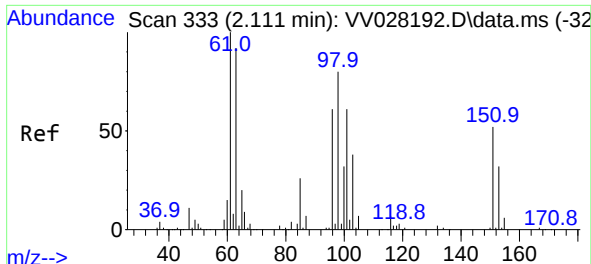
Tgt Ion: 62 Resp: 2796
 Ion Ratio Lower Upper
 62 100
 64 55.7 23.0 42.8#



#8
 Chloroethane
 Concen: 0.869 ug/L
 RT: 1.597 min Scan# 173
 Delta R.T. 0.019 min
 Lab File: VV028197.D
 Acq: 29 Sep 2022 19:41

Tgt Ion: 64 Resp: 6598
 Ion Ratio Lower Upper
 64 100
 66 6.5 23.0 42.8#

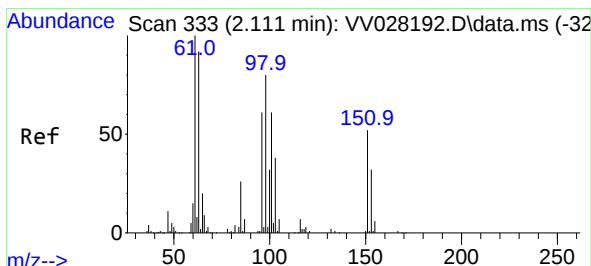
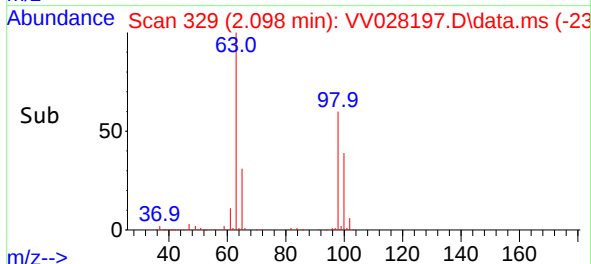
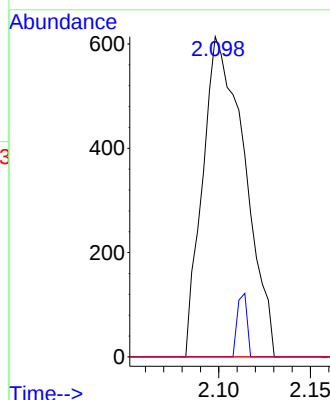
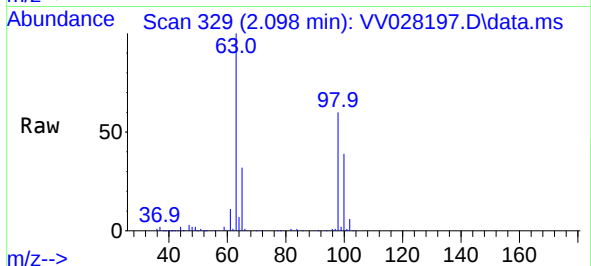




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.094 ug/L
 RT: 2.098 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VV028197.D
 Acq: 29 Sep 2022 19:41

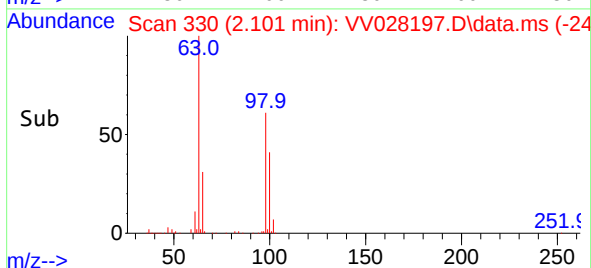
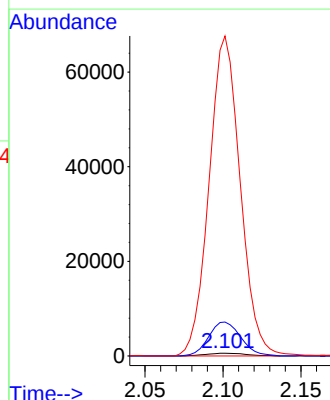
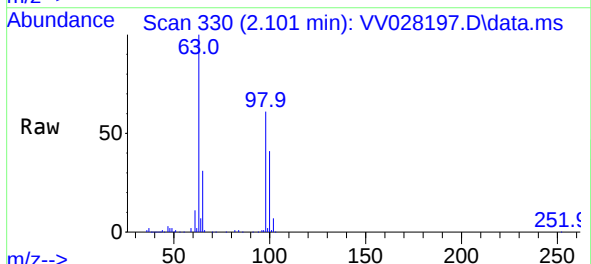
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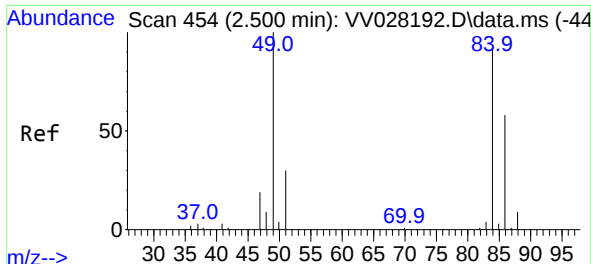
Tgt Ion:101 Resp: 976
 Ion Ratio Lower Upper
 101 100
 85 4.6 34.4 51.6#
 151 0.0 61.1 91.7#



#12
 1,1-Dichloroethene
 Concen: 0.104 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.010 min
 Lab File: VV028197.D
 Acq: 29 Sep 2022 19:41

Tgt Ion: 96 Resp: 1052
 Ion Ratio Lower Upper
 96 100
 61 1239.6 128.3 238.3#
 63 11702.4 112.7 209.3#

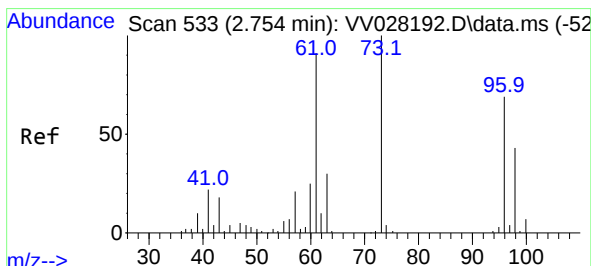
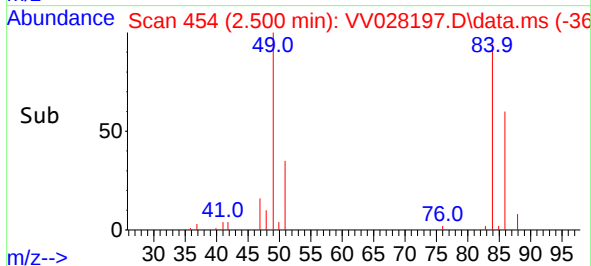
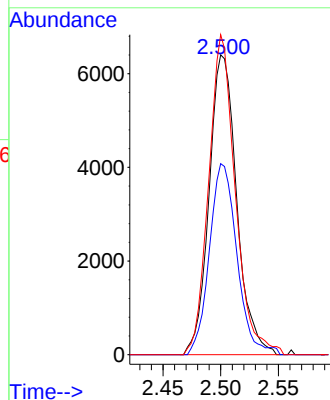
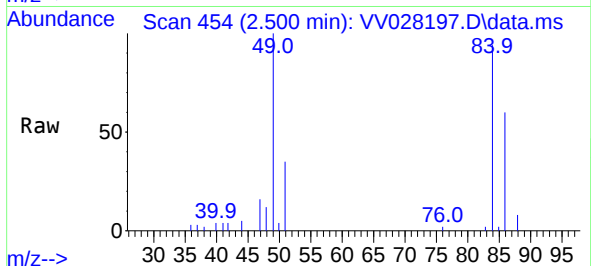




#16
Methylene chloride
Concen: 0.945 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028197.D
Acq: 29 Sep 2022 19:41

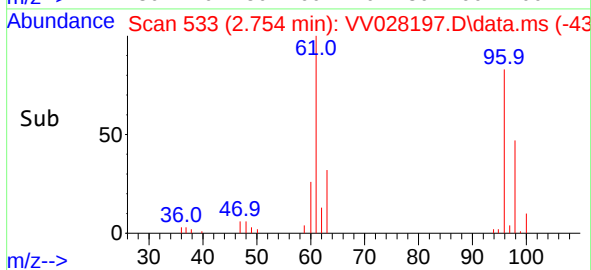
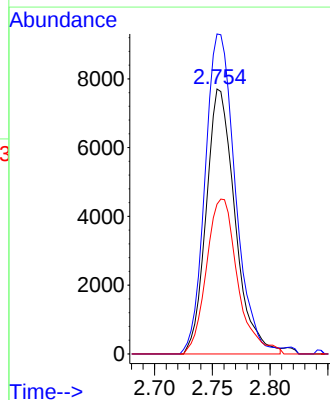
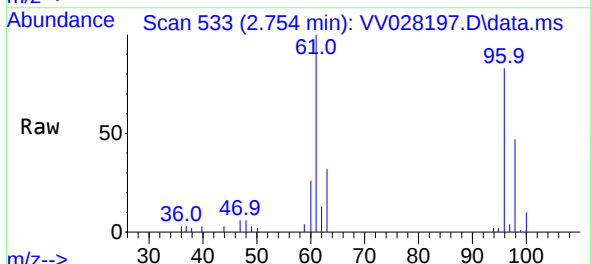
Instrument :
MSVOA_V
ClientSampleId :
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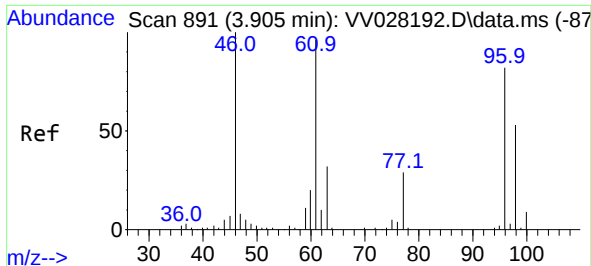
Tgt Ion: 84 Resp: 10650
Ion Ratio Lower Upper
84 100
86 63.7 46.8 86.8
49 106.7 87.5 162.5



#18
trans-1,2-Dichloroethene
Concen: 1.514 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028197.D
Acq: 29 Sep 2022 19:41

Tgt Ion: 96 Resp: 13383
Ion Ratio Lower Upper
96 100
61 120.8 96.2 178.6
98 56.5 45.7 84.9

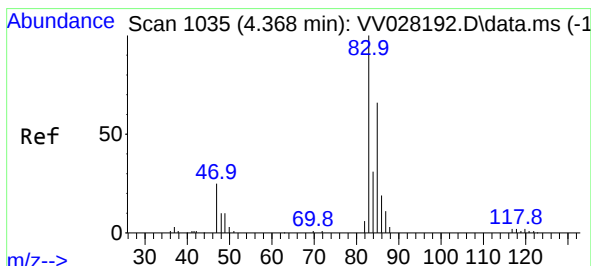
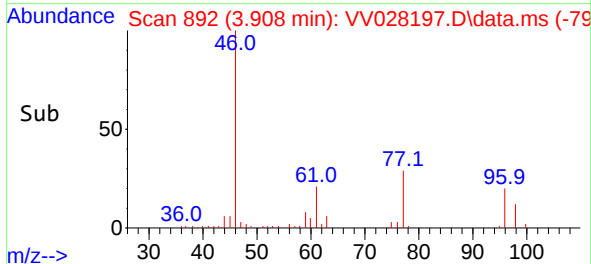
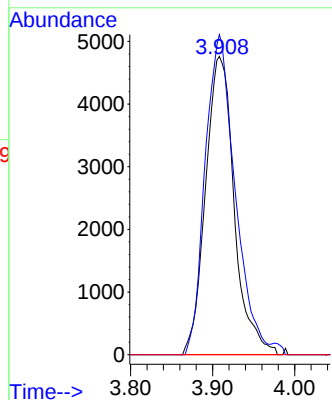
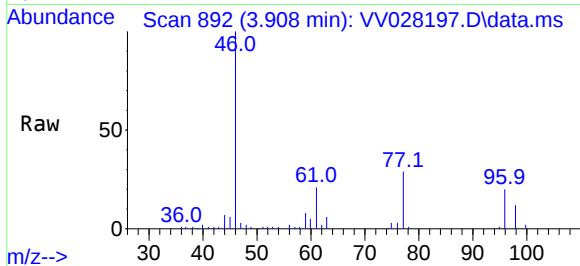




#22
cis-1,2-Dichloroethene
Concen: 1.000 ug/L
RT: 3.908 min Scan# 891
Delta R.T. 0.010 min
Lab File: VV028197.D
Acq: 29 Sep 2022 19:41

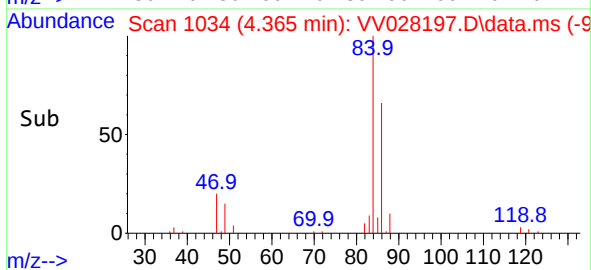
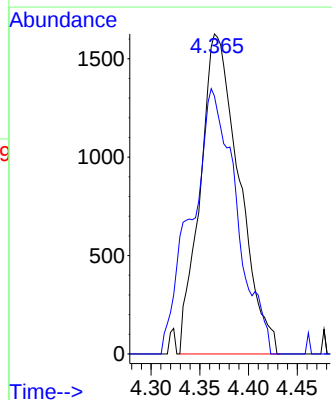
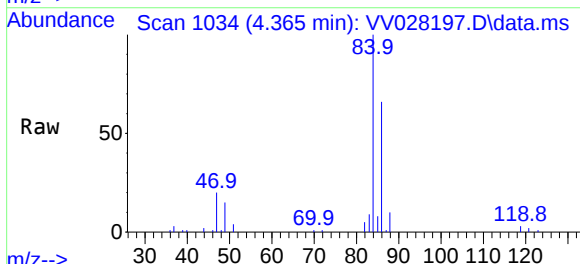
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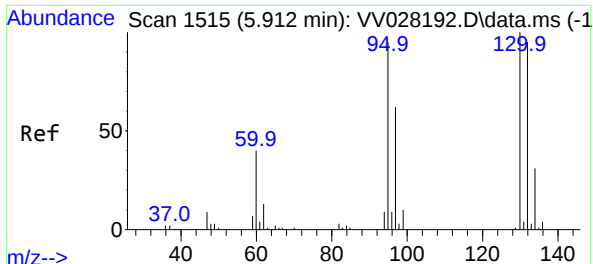
Tgt Ion: 96 Resp: 11599
Ion Ratio Lower Upper
96 100
61 107.3 87.2 161.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.219 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VV028197.D
Acq: 29 Sep 2022 19:41

Tgt Ion: 83 Resp: 4525
Ion Ratio Lower Upper
83 100
85 80.6 45.1 83.7

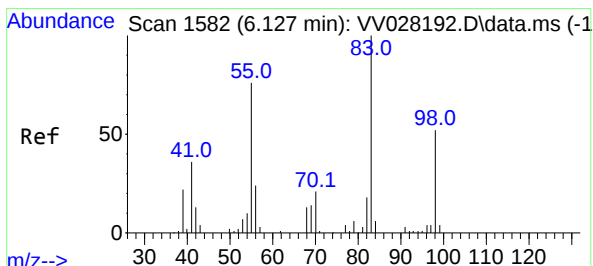
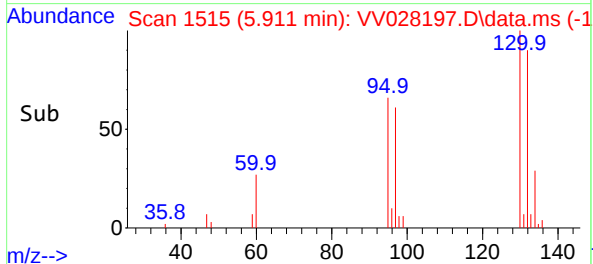
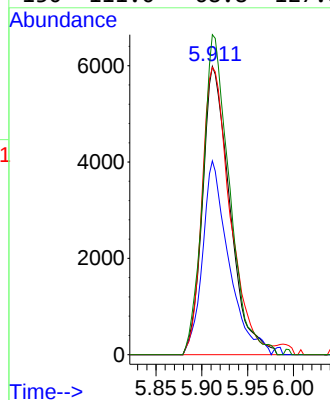
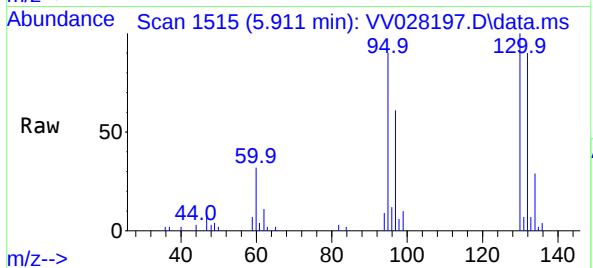




#34
Trichloroethene
Concen: 1.181 ug/L
RT: 5.911 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028197.D
Acq: 29 Sep 2022 19:41

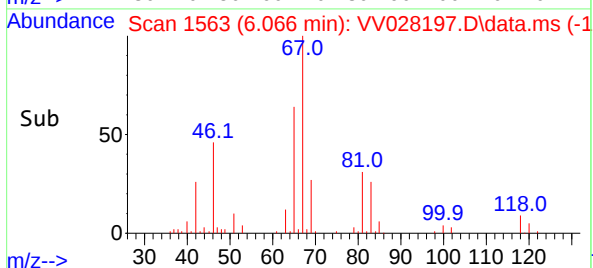
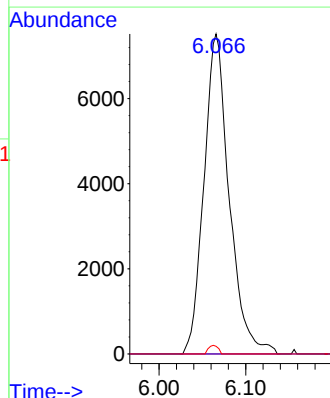
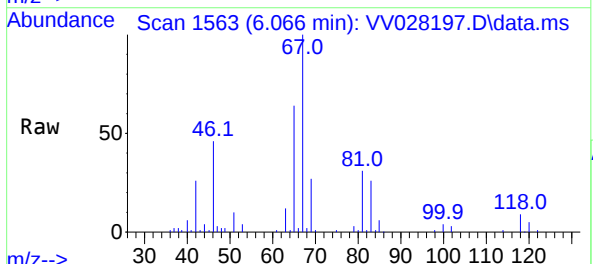
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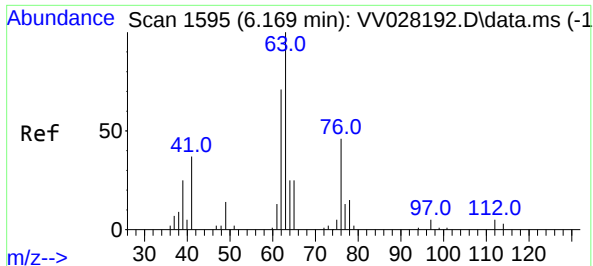
Tgt Ion: 95 Resp: 12363
Ion Ratio Lower Upper
95 100
97 67.2 44.2 82.0
132 99.6 67.8 126.0
130 111.0 68.8 127.8



#35
Methylcyclohexane
Concen: 1.062 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028197.D
Acq: 29 Sep 2022 19:41

Tgt Ion: 83 Resp: 15239
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 1.0 39.5 59.3#

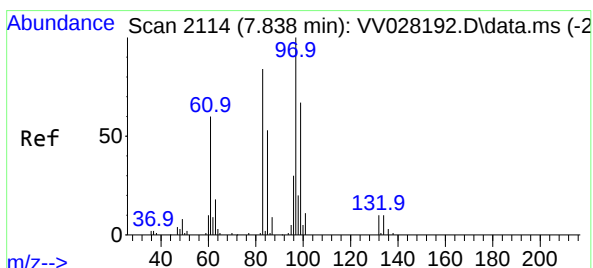
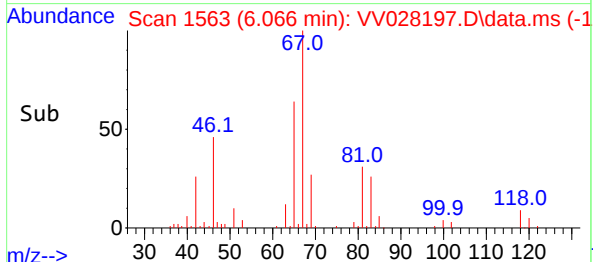
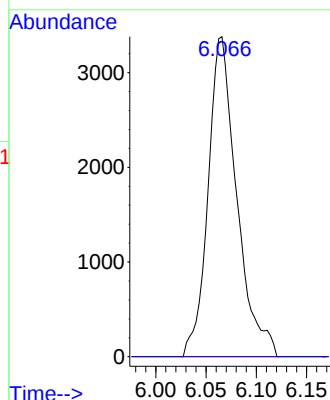
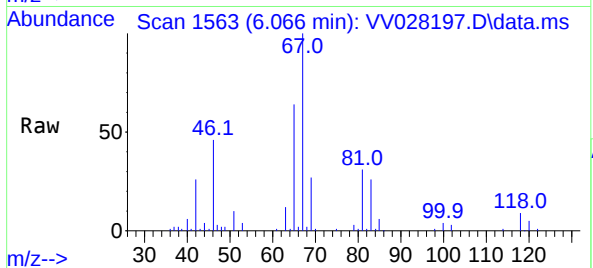




#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV028197.D
Acq: 29 Sep 2022 19:41

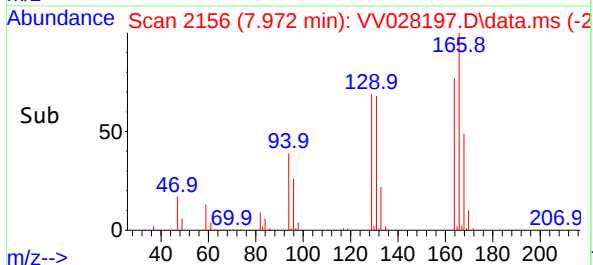
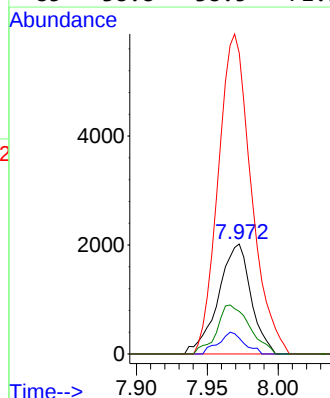
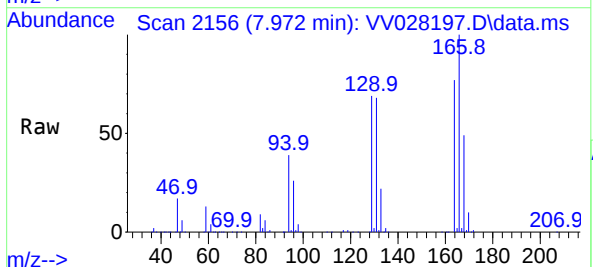
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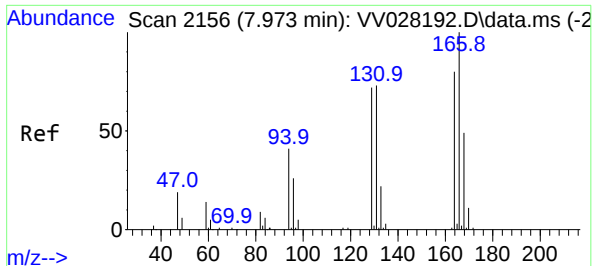
Tgt Ion: 63 Resp: 6707
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#45
1,1,2-Trichloroethane
Concen: 0.409 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.138 min
Lab File: VV028197.D
Acq: 29 Sep 2022 19:41

Tgt Ion: 97 Resp: 3232
Ion Ratio Lower Upper
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99 14.4 43.2 80.2#
83 273.7 59.1 109.9#
85 38.8 38.5 71.5

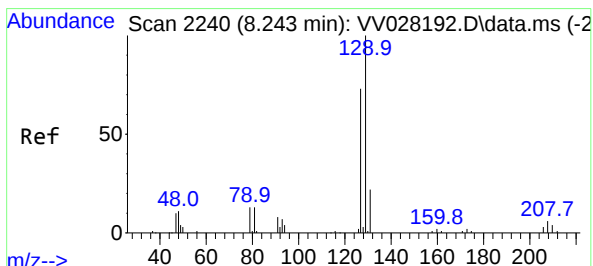
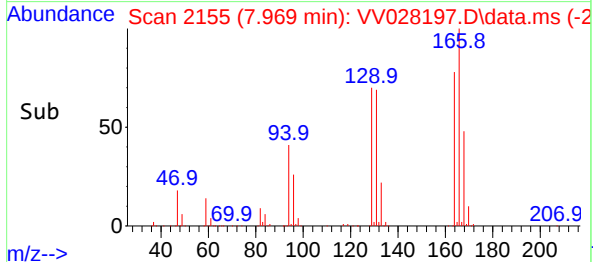
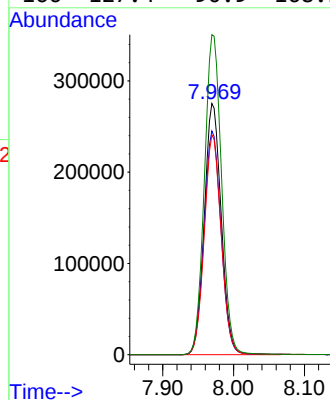
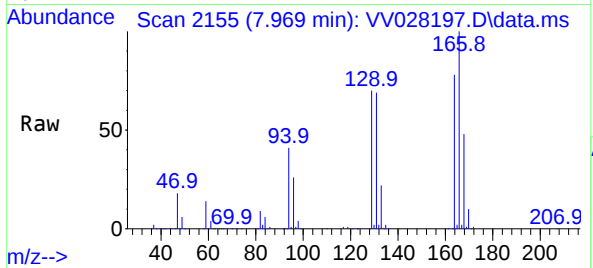




#47
Tetrachloroethene
Concen: 54.844 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV028197.D
Acq: 29 Sep 2022 19:41

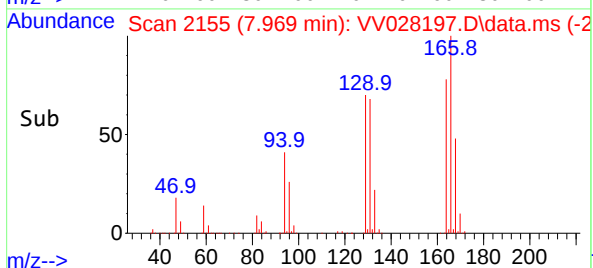
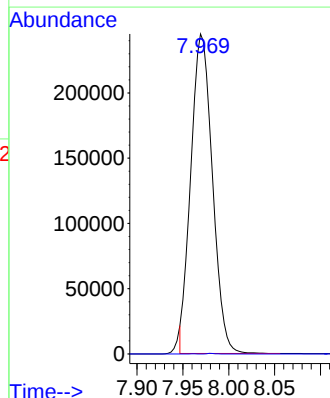
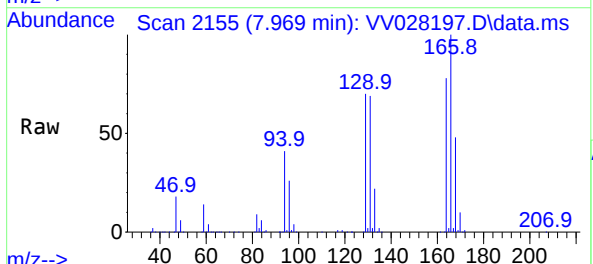
Instrument :
MSVOA_V
ClientSampleId :
EW844

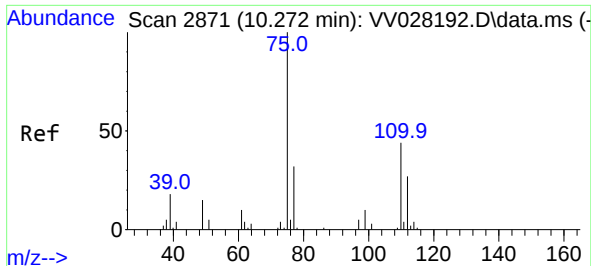
Tgt Ion:164 Resp: 458098
Ion Ratio Lower Upper
164 100
129 89.1 66.7 123.9
131 87.5 61.7 114.5
166 127.4 90.9 168.9



#49
Dibromochloromethane
Concen: 42.153 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.270 min
Lab File: VV028197.D
Acq: 29 Sep 2022 19:41

Tgt Ion:129 Resp: 400382
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.9#





#61

1,2,3-Trichloropropane

Concen: 1.142 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV028197.D

Acq: 29 Sep 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

EW844

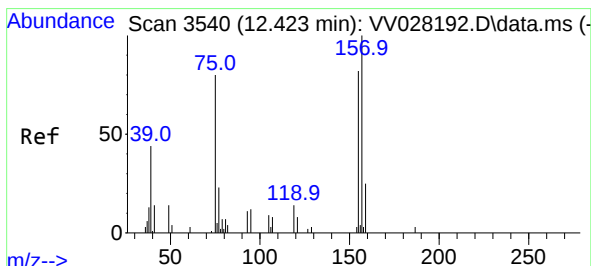
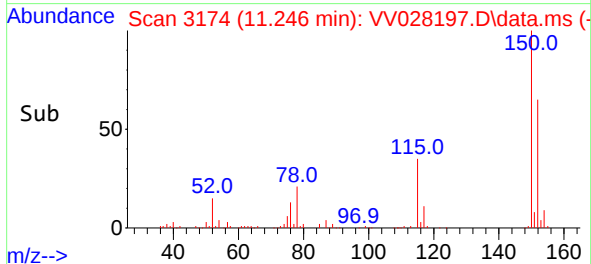
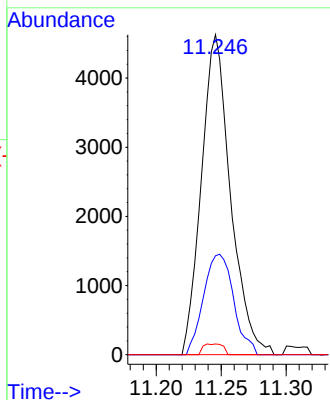
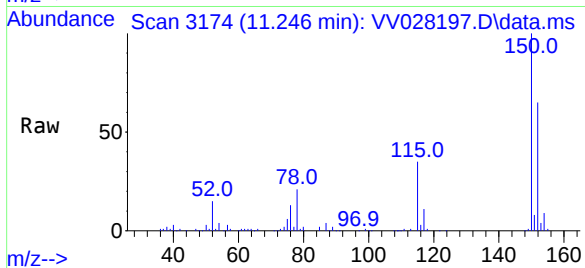
Tgt Ion: 75 Resp: 7210

Ion Ratio Lower Upper

75 100

77 32.4 26.7 40.1

110 2.3 30.1 45.1#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.143 ug/L

RT: 12.246 min Scan# 3485

Delta R.T. -0.177 min

Lab File: VV028197.D

Acq: 29 Sep 2022 19:41

Tgt Ion: 75 Resp: 198

Ion Ratio Lower Upper

75 100

155 0.0 73.6 110.4#

157 0.0 90.7 136.1#

