

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028198.D
 Acq On : 29 Sep 2022 20:05
 Operator : SY/MD
 Sample : N4865-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW845

Quant Time: Sep 30 01:50:05 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	159819	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	162686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77777	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	71186	4.296	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.561	69	59369	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.101	63	105302	3.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.895	46	121281	43.357	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.720%
24) Chloroform-d	4.339	84	124738	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.027	65	59854	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.043	84	248522	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.066	67	74670	4.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.313	98	205232	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.622	79	24749	4.120	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.085	63	112599	44.911	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.820%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	51422	4.524	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	78753	5.162	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	813	0.051	ug/L #	57
5) Vinyl chloride	1.304	62	2817	0.227	ug/L #	31
8) Chloroethane	1.606	64	10436	1.256	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1143	0.101	ug/L #	19
12) 1,1-Dichloroethene	2.098	96	1061	0.096	ug/L #	1
16) Methylene chloride	2.503	84	11011	0.893	ug/L	86
18) trans-1,2-Dichloroethene	2.757	96	13262	1.372	ug/L	97
22) cis-1,2-Dichloroethene	3.911	96	11884	0.937	ug/L	89
25) Chloroform	4.371	83	5901	0.261	ug/L	94
27) 1,2-Dichloroethane	5.043	62	1301	0.108	ug/L #	76
34) Trichloroethene	5.911	95	14633	1.301	ug/L	94
35) Methylcyclohexane	6.063	83	19035	1.234	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	7786	0.615	ug/L #	87
47) Tetrachloroethene	7.969	164	495354	55.185	ug/L	98
49) Dibromochloromethane	7.969	129	439572	43.065	ug/L #	11
61) 1,2,3-Trichloropropane	11.242	75	7910	1.213	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.258	75	358	0.250	ug/L #	1

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QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

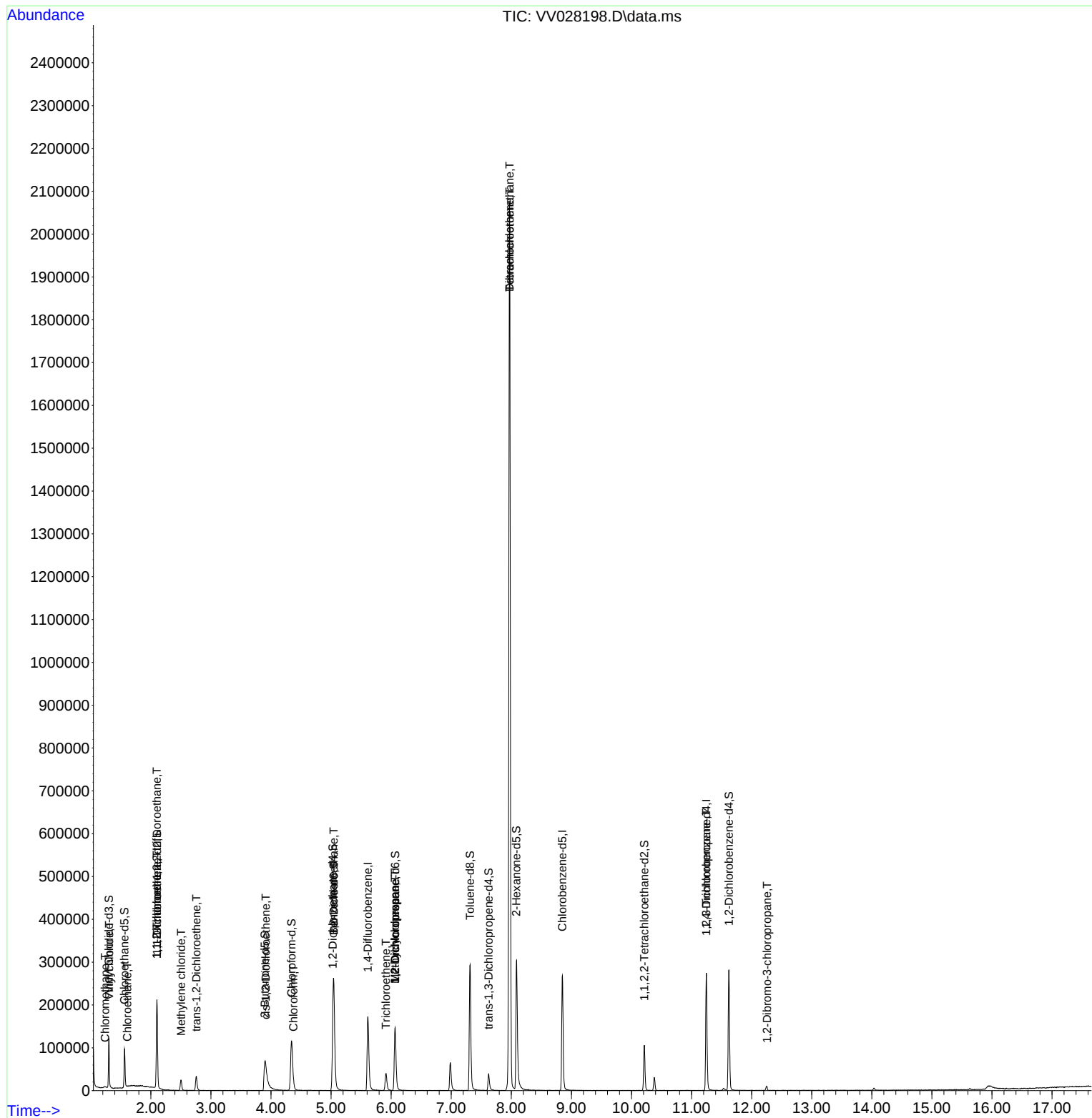
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

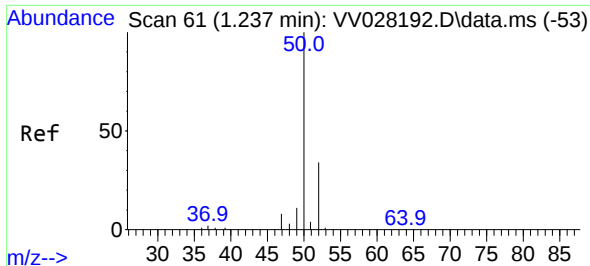
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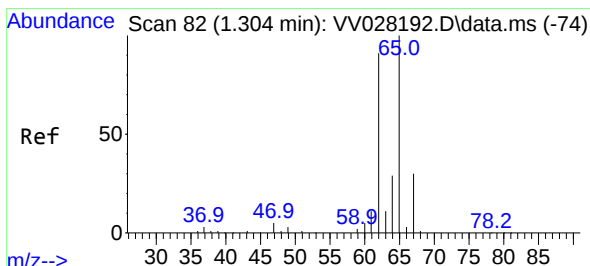
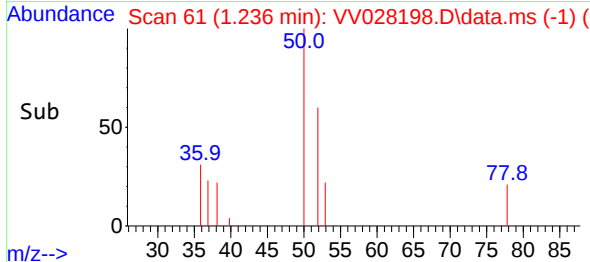
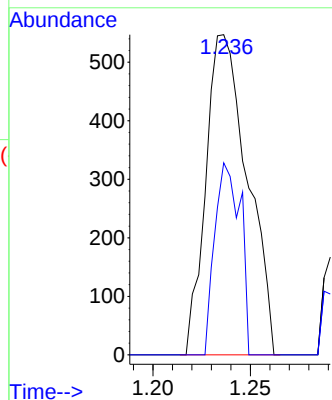
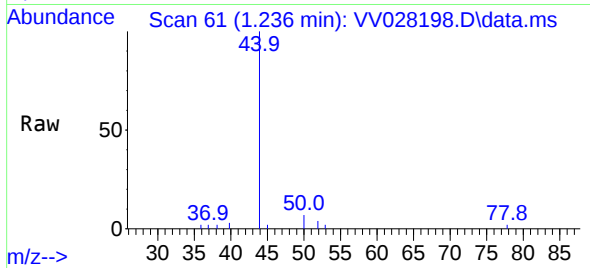




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028198.D
Acq: 29 Sep 2022 20:05

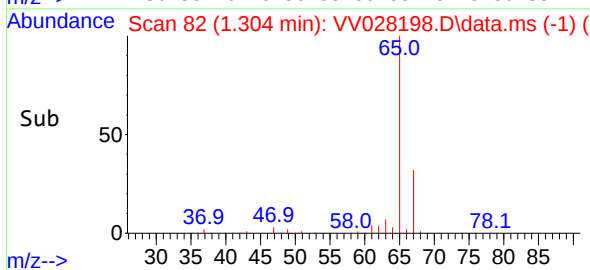
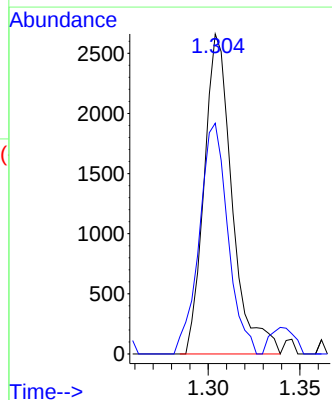
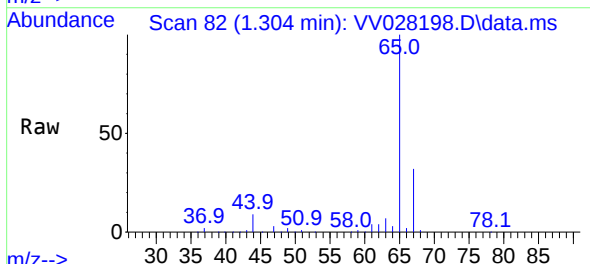
Instrument :
MSVOA_V
ClientSampleId :
EW845

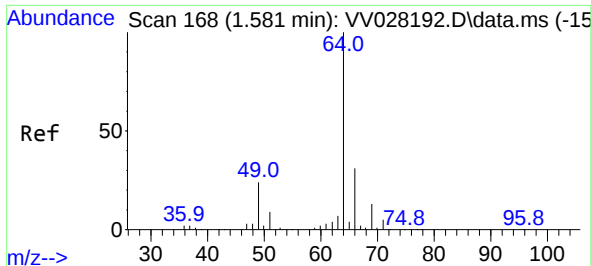
Tgt Ion: 50 Resp: 813
Ion Ratio Lower Upper
50 100
52 60.0 24.4 45.2#



#5
Vinyl chloride
Concen: 0.227 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV028198.D
Acq: 29 Sep 2022 20:05

Tgt Ion: 62 Resp: 2817
Ion Ratio Lower Upper
62 100
64 72.1 23.0 42.8#

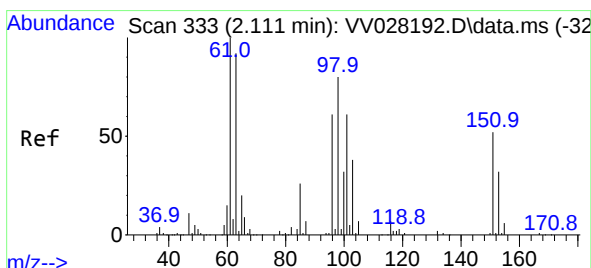
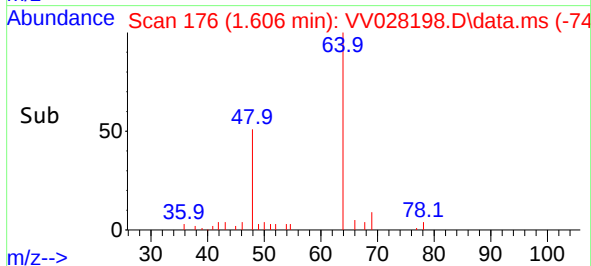
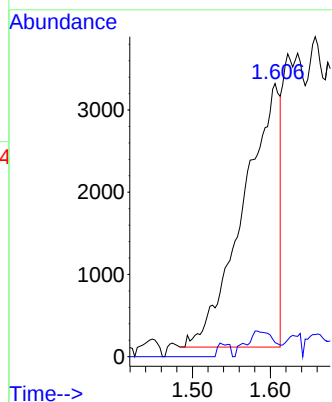
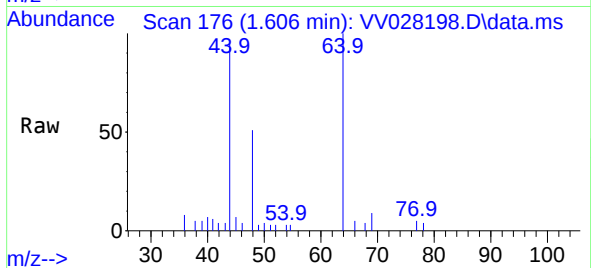




#8
Chloroethane
Concen: 1.256 ug/L
RT: 1.606 min Scan# 11
Delta R.T. 0.029 min
Lab File: VV028198.D
Acq: 29 Sep 2022 20:05

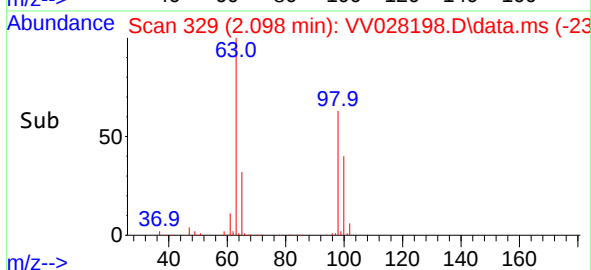
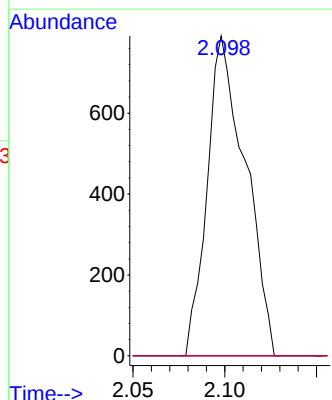
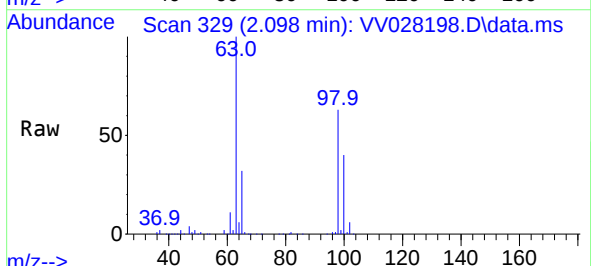
Instrument :
MSVOA_V
ClientSampleId :
EW845

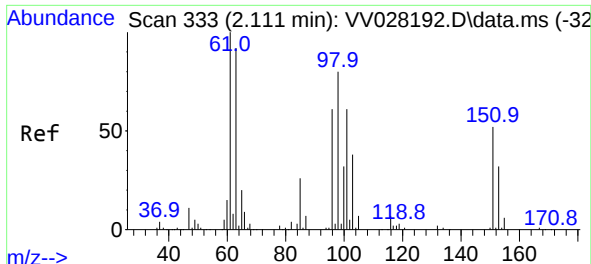
Tgt Ion: 64 Resp: 10436
Ion Ratio Lower Upper
64 100
66 5.2 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.101 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.010 min
Lab File: VV028198.D
Acq: 29 Sep 2022 20:05

Tgt Ion:101 Resp: 1143
Ion Ratio Lower Upper
101 100
85 0.0 34.4 51.6#
151 0.0 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.096 ug/L

RT: 2.098 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV028198.D

Acq: 29 Sep 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

EW845

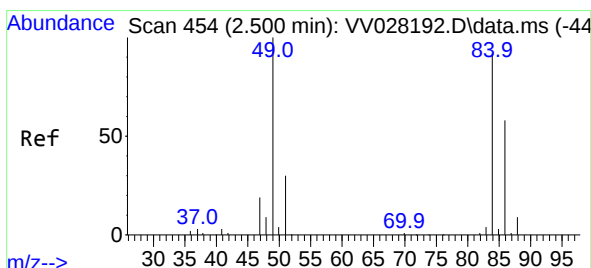
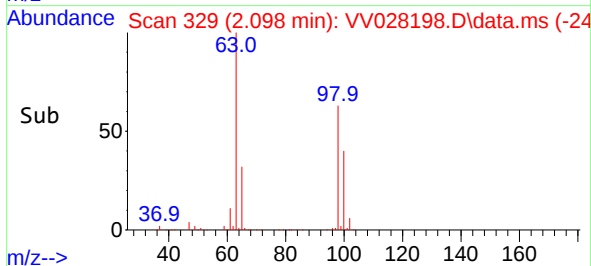
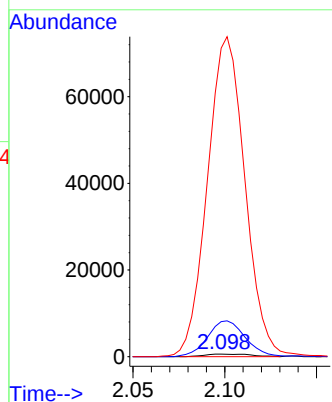
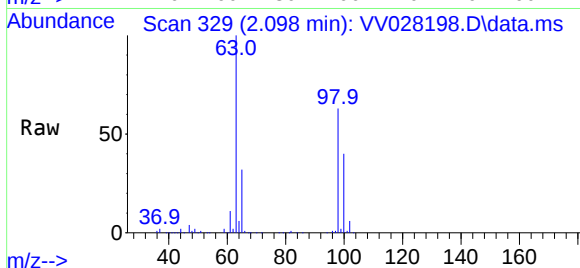
Tgt Ion: 96 Resp: 1061

Ion Ratio Lower Upper

96 100

61 1326.4 128.3 238.3#

63 11673.4 112.7 209.3#



#16

Methylene chloride

Concen: 0.893 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.006 min

Lab File: VV028198.D

Acq: 29 Sep 2022 20:05

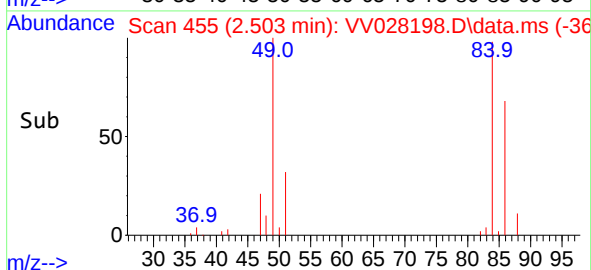
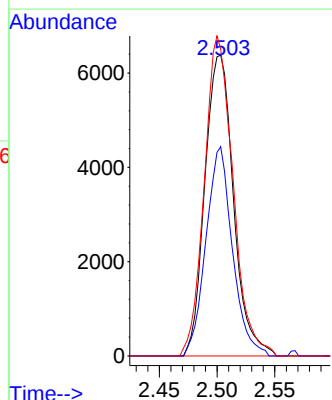
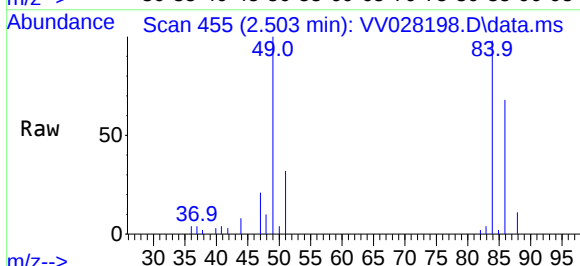
Tgt Ion: 84 Resp: 11011

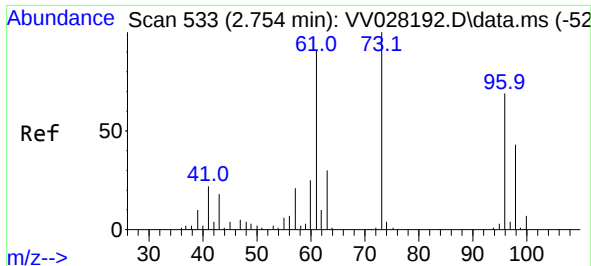
Ion Ratio Lower Upper

84 100

86 69.6 46.8 86.8

49 102.1 87.5 162.5

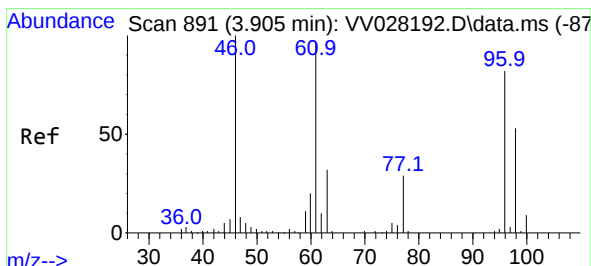
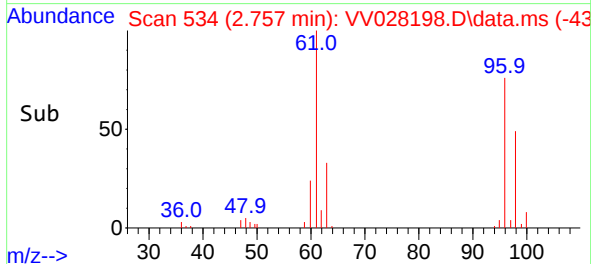
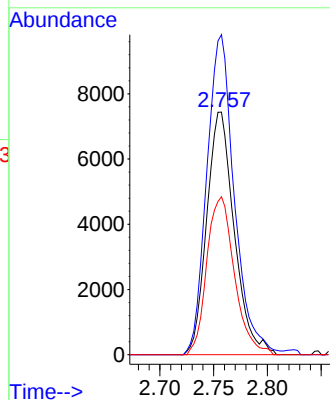
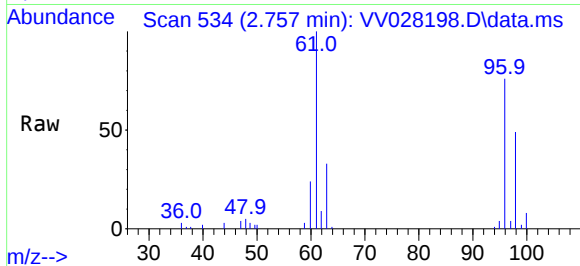




#18
trans-1,2-Dichloroethene
Concen: 1.372 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028198.D
Acq: 29 Sep 2022 20:05

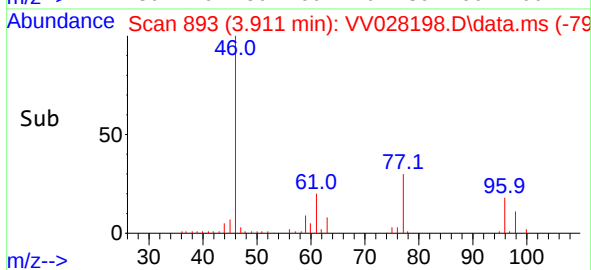
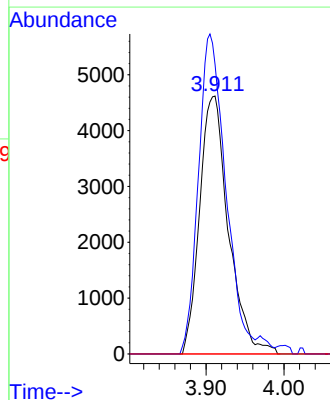
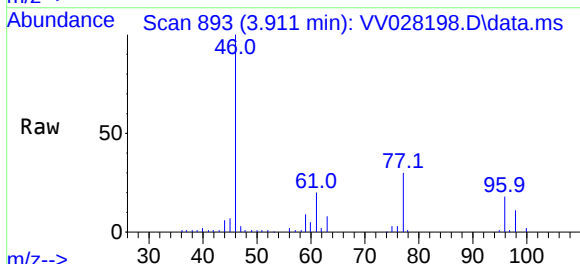
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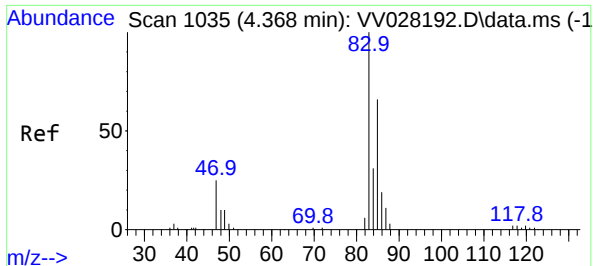
Tgt Ion: 96 Resp: 13262
Ion Ratio Lower Upper
96 100
61 131.9 96.2 178.6
98 65.1 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 0.937 ug/L
RT: 3.911 min Scan# 893
Delta R.T. 0.013 min
Lab File: VV028198.D
Acq: 29 Sep 2022 20:05

Tgt Ion: 96 Resp: 11884
Ion Ratio Lower Upper
96 100
61 112.2 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.261 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.009 min

Lab File: VV028198.D

Acq: 29 Sep 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

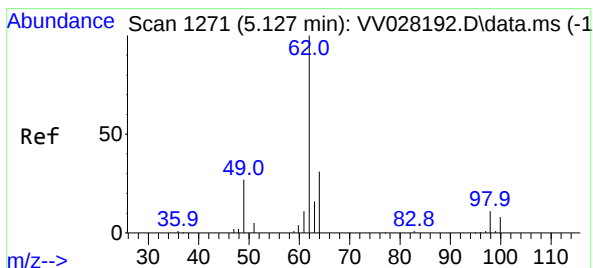
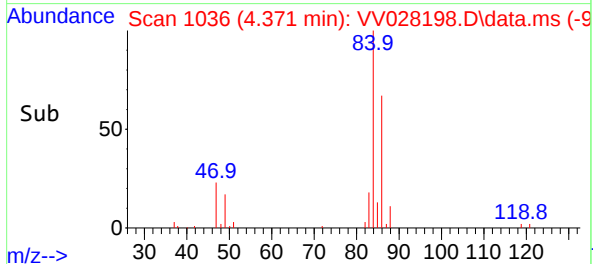
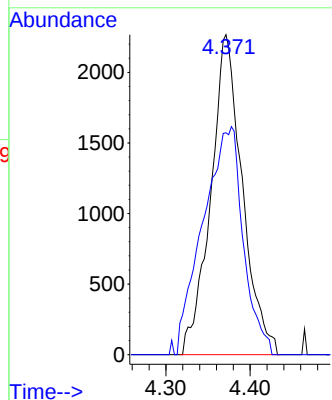
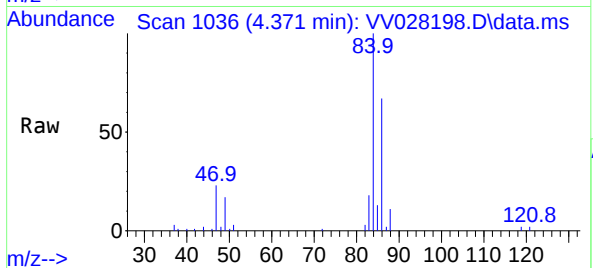
EW845

Tgt Ion: 83 Resp: 5901

Ion Ratio Lower Upper

83 100

85 69.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 0.108 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.081 min

Lab File: VV028198.D

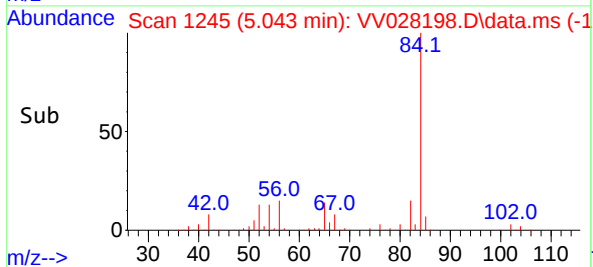
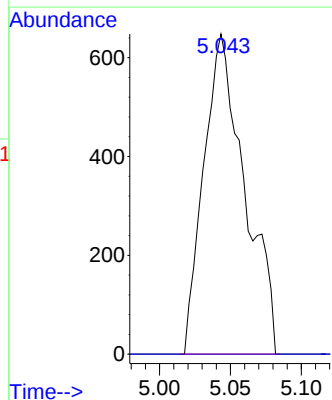
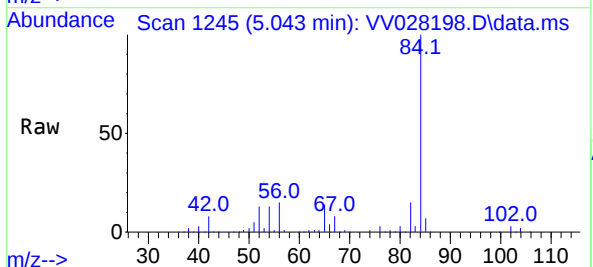
Acq: 29 Sep 2022 20:05

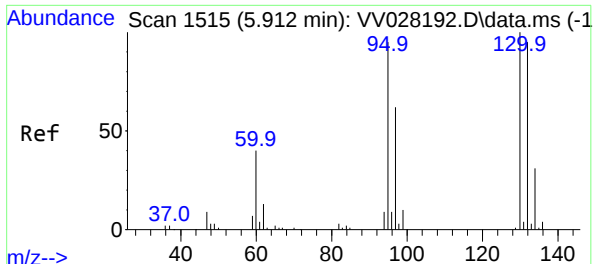
Tgt Ion: 62 Resp: 1301

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#





#34

Trichloroethene

Concen: 1.301 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VV028198.D

Acq: 29 Sep 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion: 95 Resp: 14633

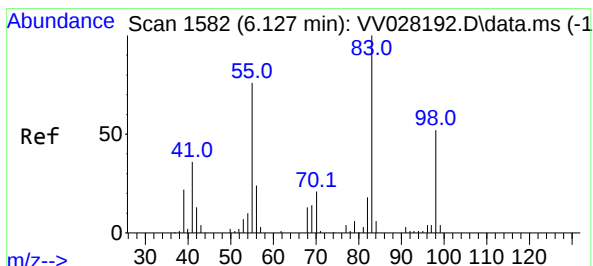
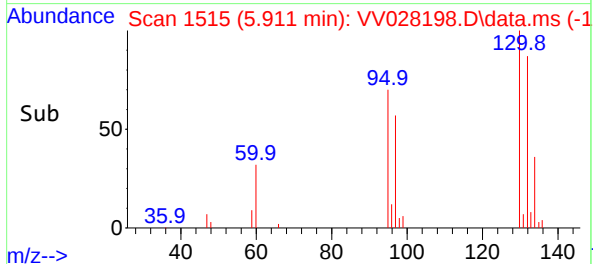
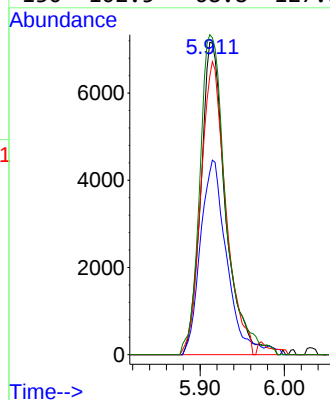
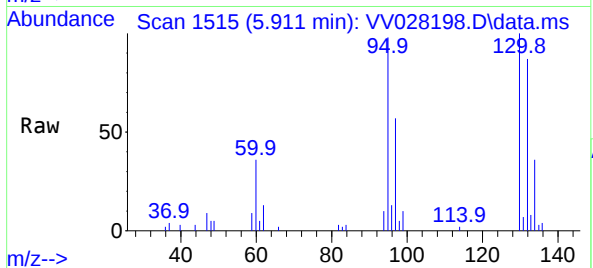
Ion Ratio Lower Upper

95 100

97 58.4 44.2 82.0

132 89.2 67.8 126.0

130 102.5 68.8 127.8



#35

Methylcyclohexane

Concen: 1.234 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV028198.D

Acq: 29 Sep 2022 20:05

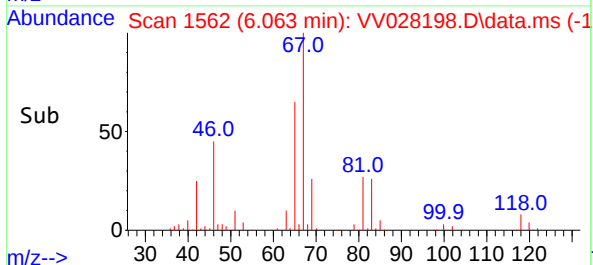
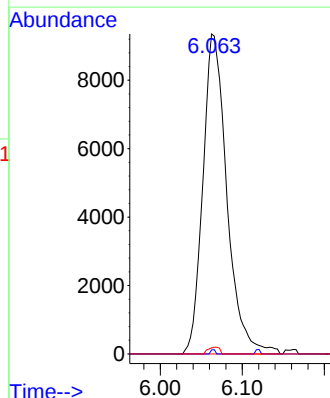
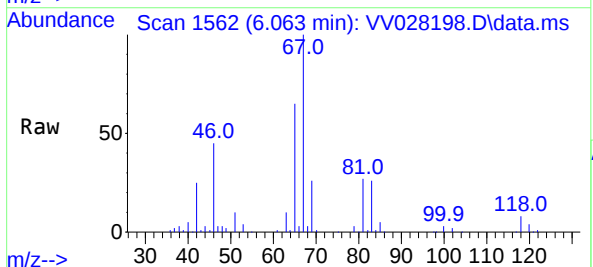
Tgt Ion: 83 Resp: 19035

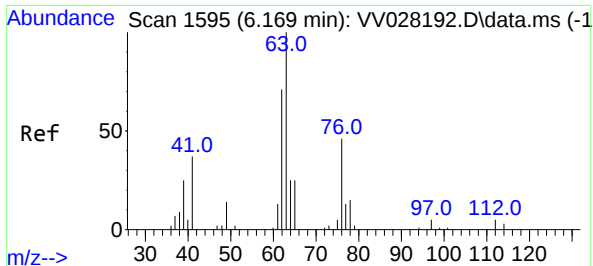
Ion Ratio Lower Upper

83 100

55 0.2 64.7 97.1#

98 1.0 39.5 59.3#

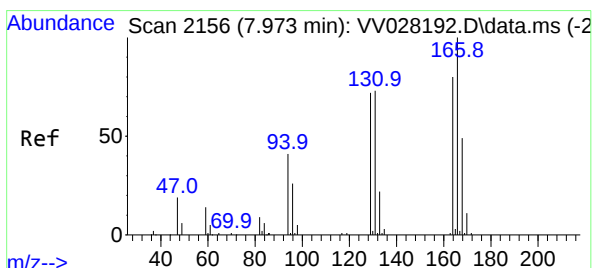
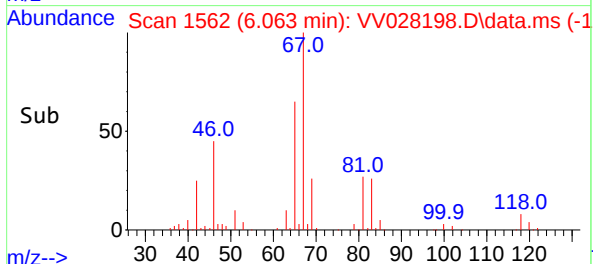
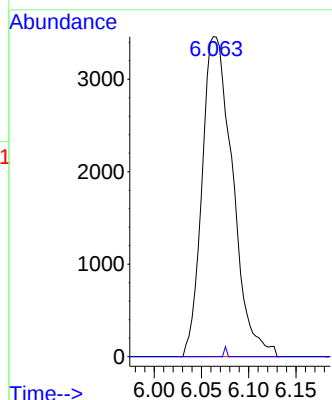
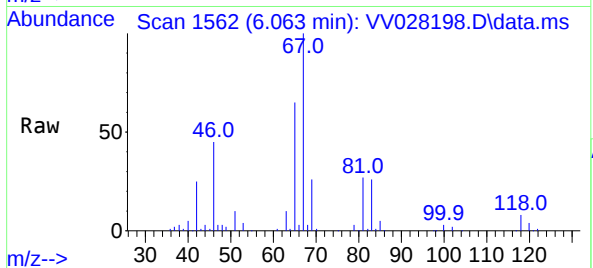




#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028198.D
Acq: 29 Sep 2022 20:05

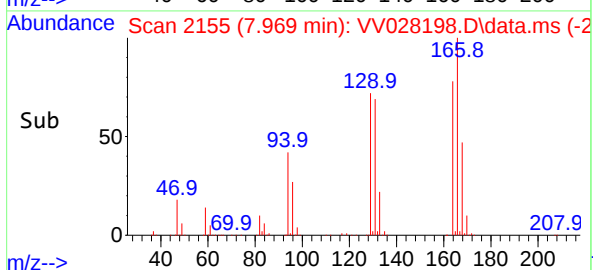
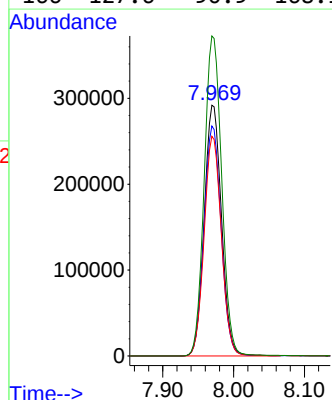
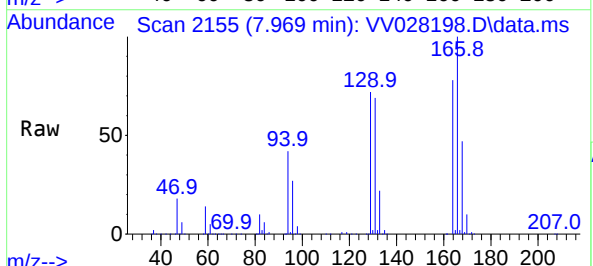
Instrument :
MSVOA_V
ClientSampleId :
EW845

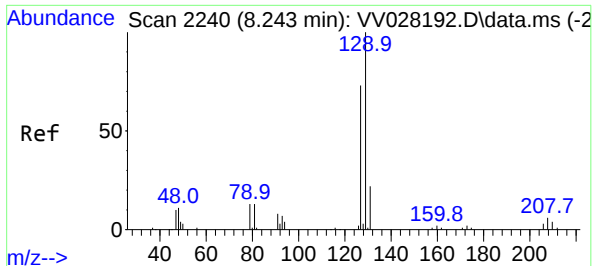
Tgt Ion: 63 Resp: 7786
Ion Ratio Lower Upper
63 100
112 0.3 3.5 5.3#



#47
Tetrachloroethene
Concen: 55.185 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV028198.D
Acq: 29 Sep 2022 20:05

Tgt Ion:164 Resp: 495354
Ion Ratio Lower Upper
164 100
129 91.7 66.7 123.9
131 87.6 61.7 114.5
166 127.6 90.9 168.9





#49

Dibromochloromethane

Concen: 43.065 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV028198.D

Acq: 29 Sep 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

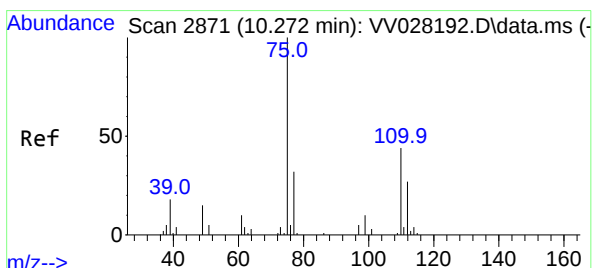
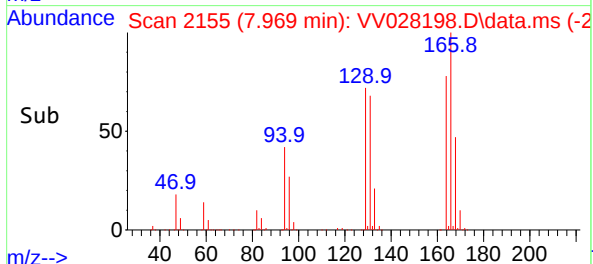
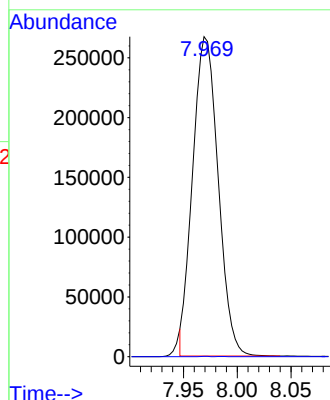
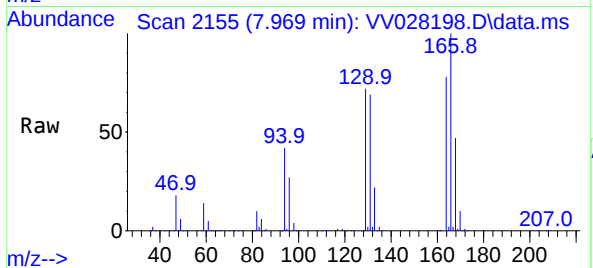
EW845

Tgt Ion:129 Resp: 439572

Ion Ratio Lower Upper

129 100

127 0.1 54.3 100.9#



#61

1,2,3-Trichloropropane

Concen: 1.213 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV028198.D

Acq: 29 Sep 2022 20:05

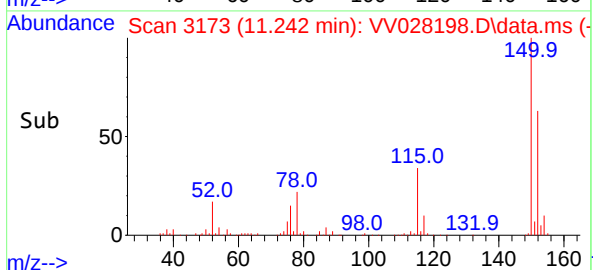
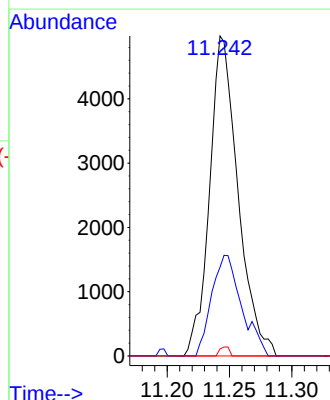
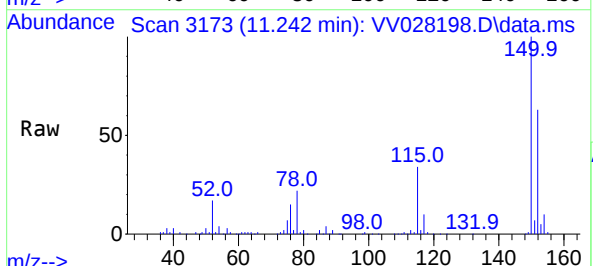
Tgt Ion: 75 Resp: 7910

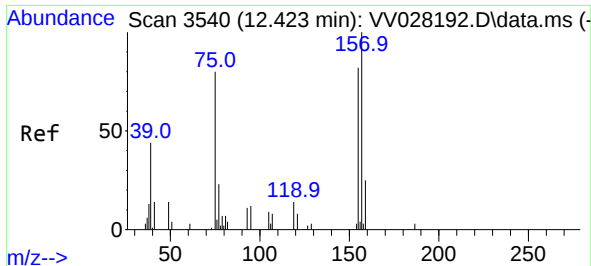
Ion Ratio Lower Upper

75 100

77 33.1 26.7 40.1

110 0.9 30.1 45.1#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.250 ug/L

RT: 12.258 min Scan# 34

Delta R.T. -0.164 min

Lab File: VV028198.D

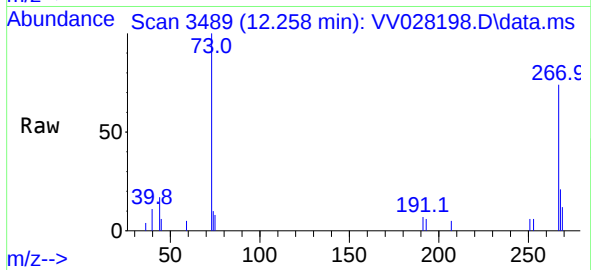
Acq: 29 Sep 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

EW845



Tgt Ion: 75 Resp: 358

Ion Ratio Lower Upper

75 100

155 0.0 73.6 110.4#

157 0.0 90.7 136.1#

