

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092922\
 Data File : VW028199.D
 Acq On : 29 Sep 2022 20:30
 Operator : SY/MD
 Sample : N4865-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW846

Quant Time: Sep 30 01:50:12 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	139466	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	143394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67233	4.650	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.561	69	54464	4.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.101	63	92639	3.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.892	46	95138	38.975	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.940%
24) Chloroform-d	4.342	84	97272	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.027	65	47824	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.043	84	201263	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.063	67	56681	3.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.400%
41) Toluene-d8	7.310	98	175610	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.622	79	21004	3.967	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.085	63	82977	37.549	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.100%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	39368	3.929	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	67330	4.819	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1051	0.076	ug/L #	81
5) Vinyl chloride	1.304	62	1237	0.114	ug/L #	24
8) Chloroethane	1.587	64	6829	0.942	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-...	2.104	101	960	0.097	ug/L #	20
12) 1,1-Dichloroethene	2.101	96	954	0.099	ug/L #	1
14) Carbon disulfide	2.291	76	1532	0.083	ug/L #	74
16) Methylene chloride	2.500	84	30278	2.814	ug/L	88
22) cis-1,2-Dichloroethene	3.899	96	308	0.028	ug/L	92
25) Chloroform	4.362	83	3088	0.156	ug/L	99
27) 1,2-Dichloroethane	5.043	62	999	0.095	ug/L #	76
35) Methylcyclohexane	6.063	83	14809	1.089	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	6005	0.538	ug/L #	87
39) cis-1,3-Dichloropropene	6.985	75	1424	0.103	ug/L	85
44) trans-1,3-Dichloropropene	7.619	75	941	0.079	ug/L	93
45) 1,1,2-Trichloroethane	7.779	97	544	0.073	ug/L #	16
47) Tetrachloroethene	7.976	164	1199	0.152	ug/L	85
49) Dibromochloromethane	7.976	129	1020	0.113	ug/L #	11
61) 1,2,3-Trichloropropane	11.242	75	6263	1.048	ug/L #	67

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
Data File : VV028199.D
Acq On : 29 Sep 2022 20:30
Operator : SY/MD
Sample : N4865-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW846

Quant Time: Sep 30 01:50:12 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

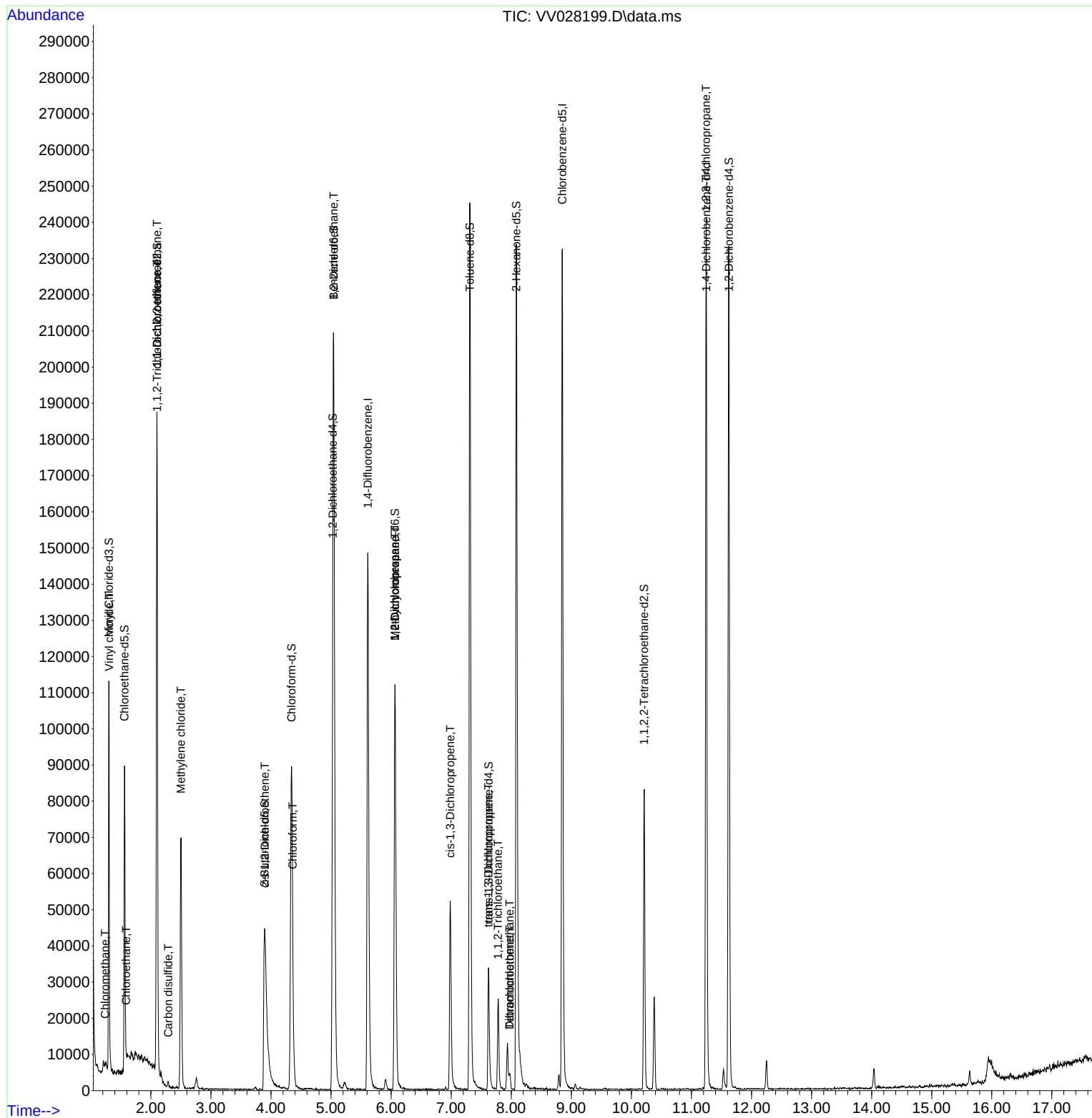
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

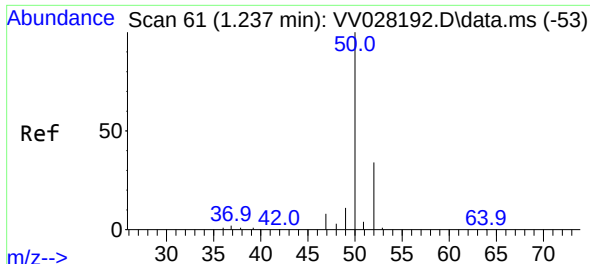
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028199.D
 Acq On : 29 Sep 2022 20:30
 Operator : SY/MD
 Sample : N4865-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW846

Quant Time: Sep 30 01:50:12 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

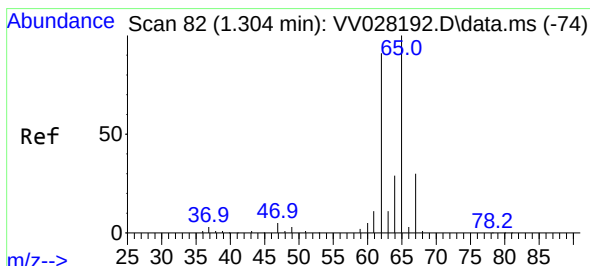
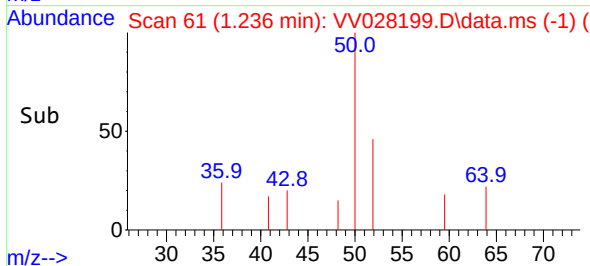
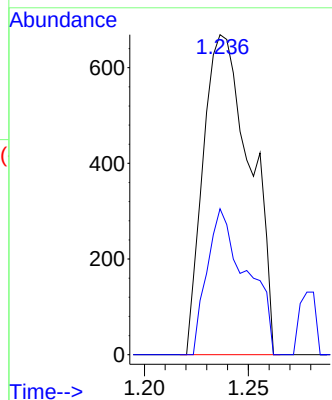
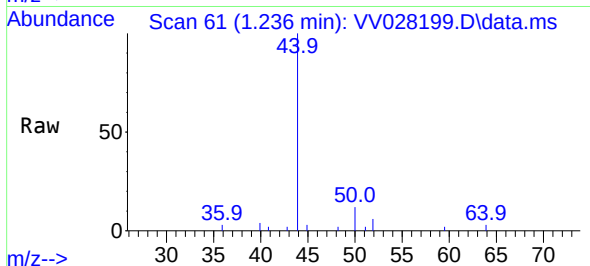




#3
Chloromethane
Concen: 0.076 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028199.D
Acq: 29 Sep 2022 20:30

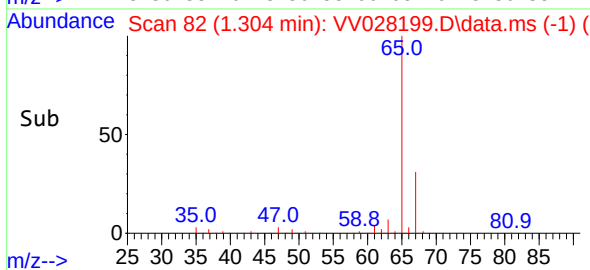
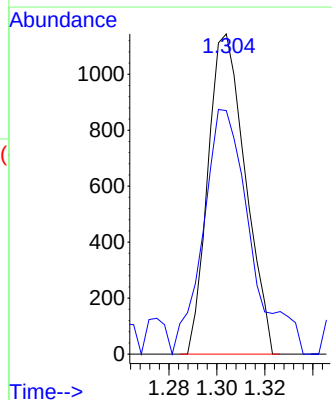
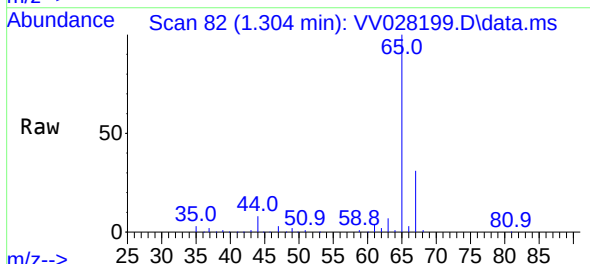
Instrument :
MSVOA_V
ClientSampleId :
EW846

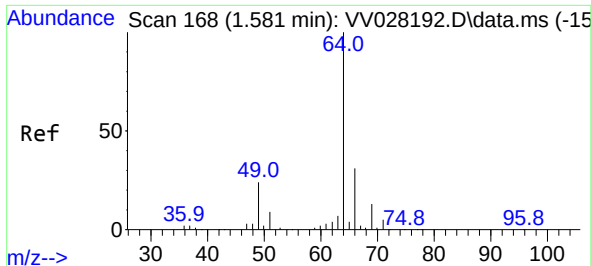
Tgt Ion: 50 Resp: 1051
Ion Ratio Lower Upper
50 100
52 45.6 24.4 45.2#



#5
Vinyl chloride
Concen: 0.114 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV028199.D
Acq: 29 Sep 2022 20:30

Tgt Ion: 62 Resp: 1237
Ion Ratio Lower Upper
62 100
64 76.0 23.0 42.8#





#8

Chloroethane

Concen: 0.942 ug/L

RT: 1.587 min Scan# 1

Delta R.T. 0.009 min

Lab File: VV028199.D

Acq: 29 Sep 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

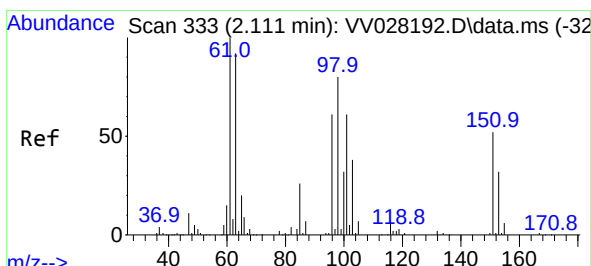
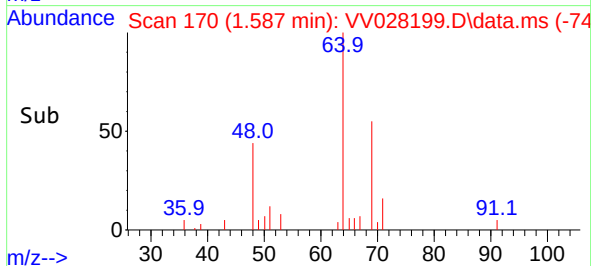
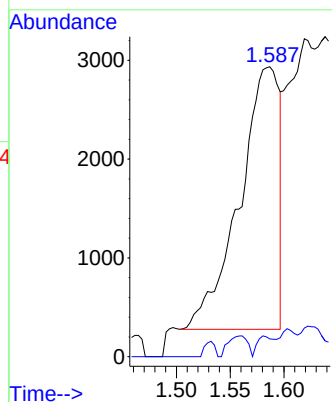
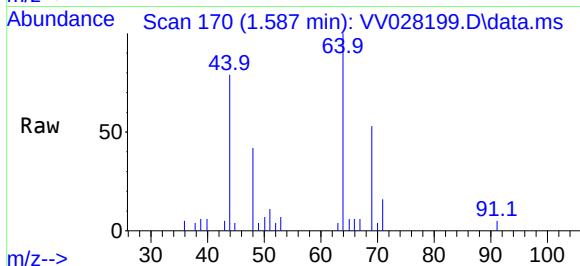
EW846

Tgt Ion: 64 Resp: 6829

Ion Ratio Lower Upper

64 100

66 6.1 23.0 42.8#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.097 ug/L

RT: 2.104 min Scan# 331

Delta R.T. -0.003 min

Lab File: VV028199.D

Acq: 29 Sep 2022 20:30

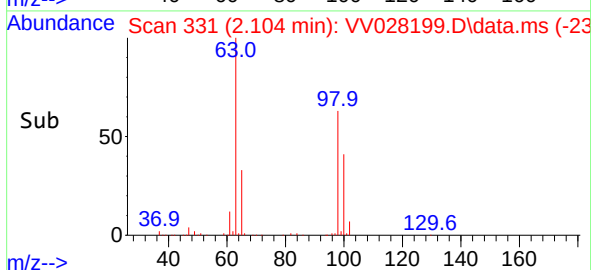
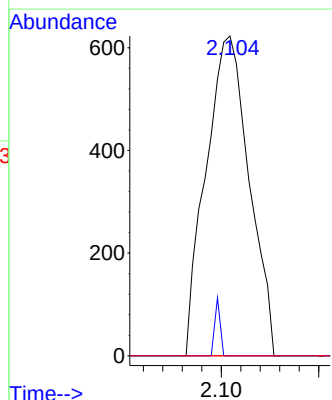
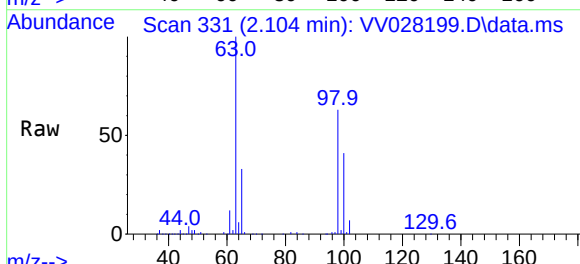
Tgt Ion:101 Resp: 960

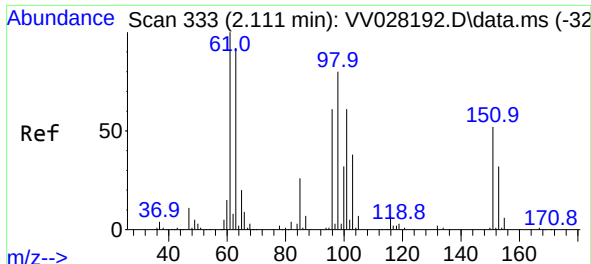
Ion Ratio Lower Upper

101 100

85 2.3 34.4 51.6#

151 0.0 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.099 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV028199.D

Acq: 29 Sep 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

EW846

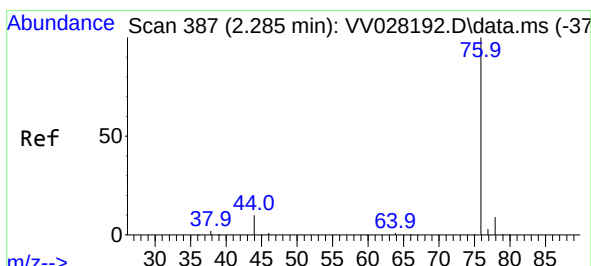
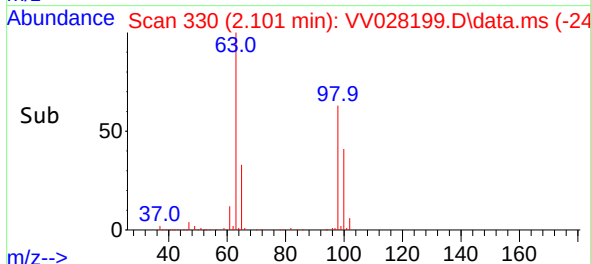
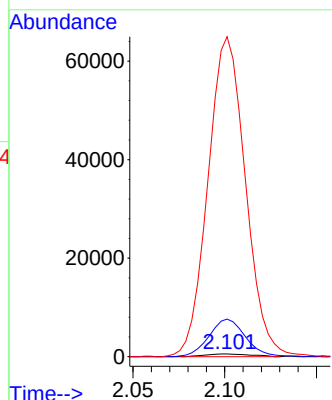
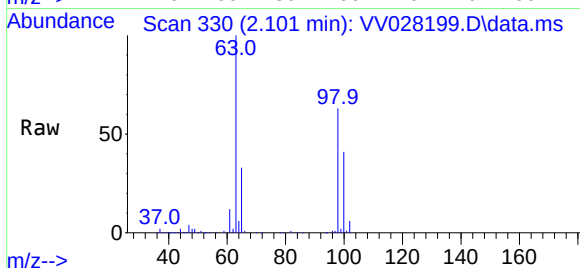
Tgt Ion: 96 Resp: 954

Ion Ratio Lower Upper

96 100

61 1372.5 128.3 238.3#

63 11663.9 112.7 209.3#



#14

Carbon disulfide

Concen: 0.083 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.006 min

Lab File: VV028199.D

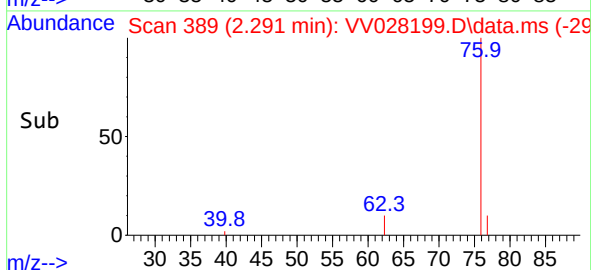
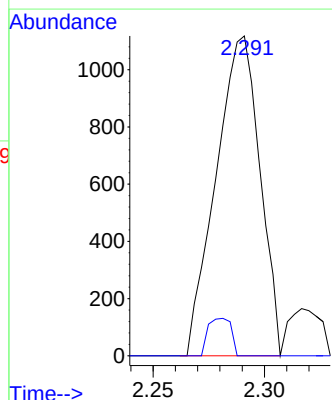
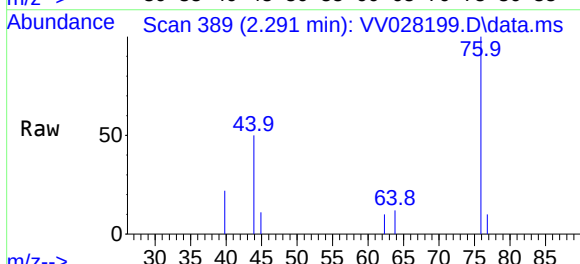
Acq: 29 Sep 2022 20:30

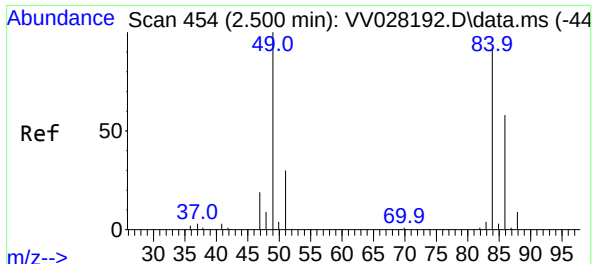
Tgt Ion: 76 Resp: 1532

Ion Ratio Lower Upper

76 100

78 0.0 7.6 11.4#

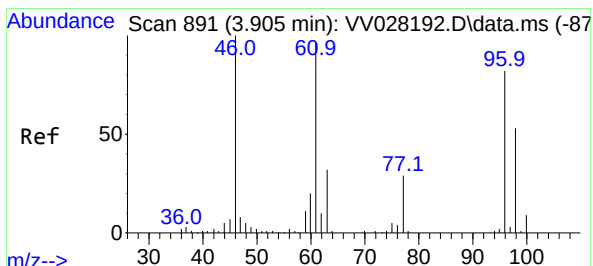
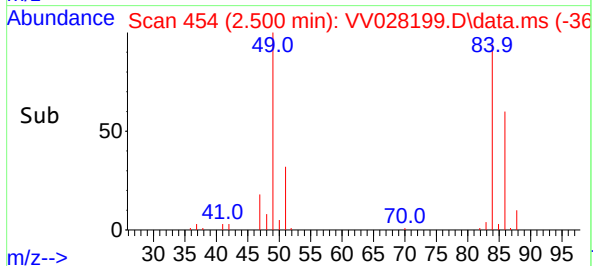
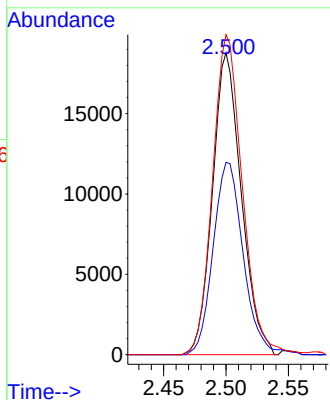
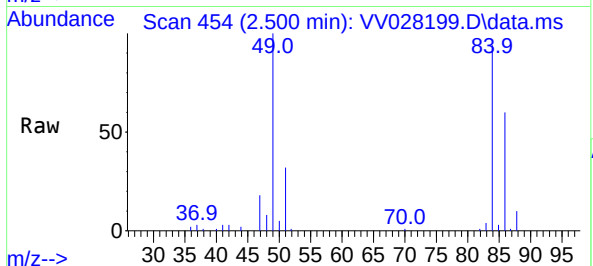




#16
Methylene chloride
Concen: 2.814 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028199.D
Acq: 29 Sep 2022 20:30

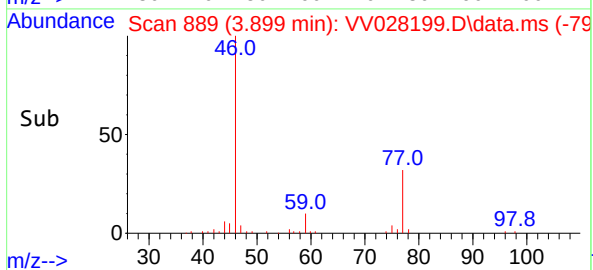
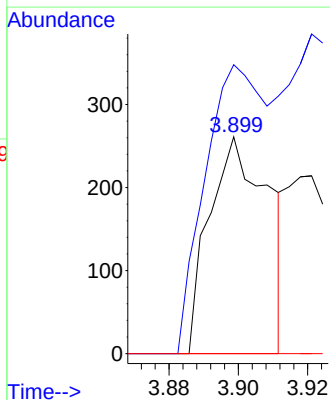
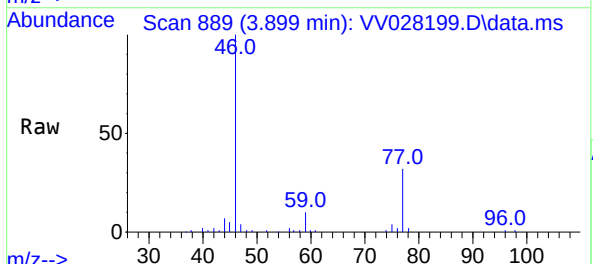
Instrument :
MSVOA_V
ClientSampleId :
EW846

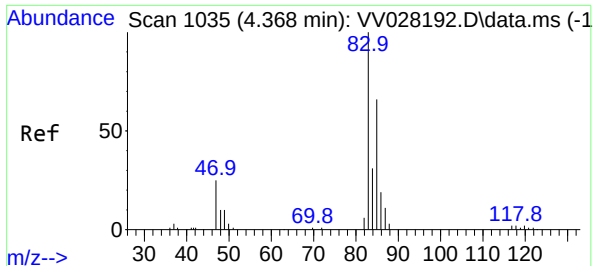
Tgt Ion: 84 Resp: 30278
Ion Ratio Lower Upper
84 100
86 63.7 46.8 86.8
49 106.0 87.5 162.5



#22
cis-1,2-Dichloroethene
Concen: 0.028 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.000 min
Lab File: VV028199.D
Acq: 29 Sep 2022 20:30

Tgt Ion: 96 Resp: 308
Ion Ratio Lower Upper
96 100
61 133.3 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.156 ug/L

RT: 4.362 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028199.D

Acq: 29 Sep 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

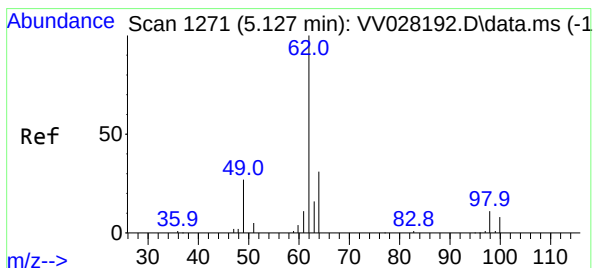
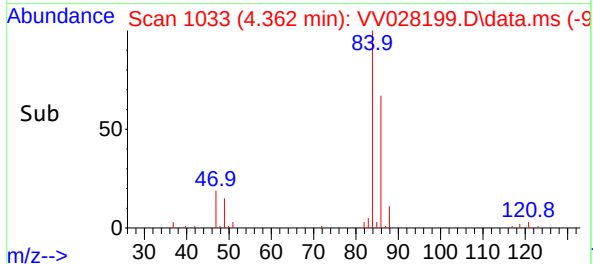
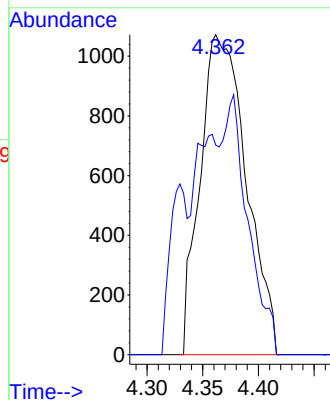
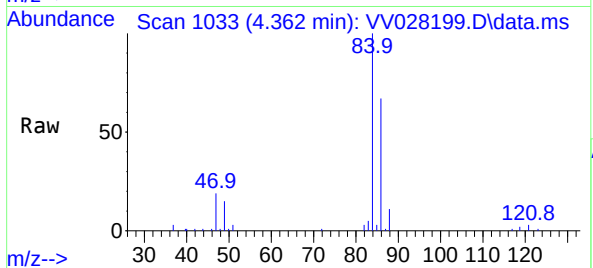
EW846

Tgt Ion: 83 Resp: 3088

Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.081 min

Lab File: VV028199.D

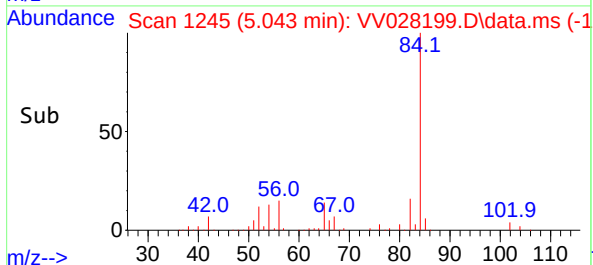
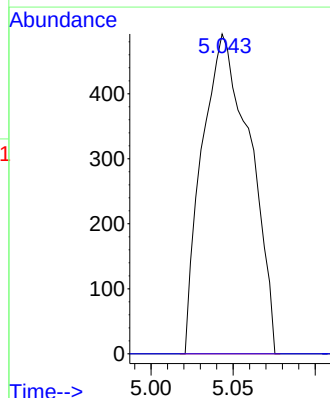
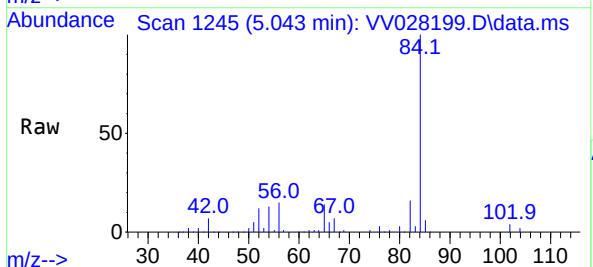
Acq: 29 Sep 2022 20:30

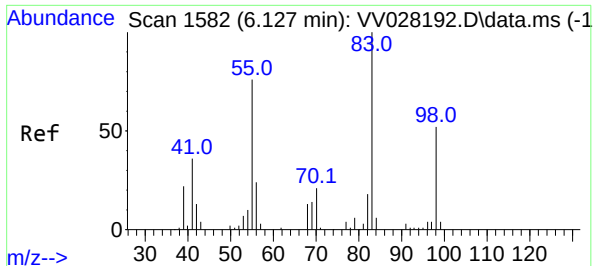
Tgt Ion: 62 Resp: 999

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#





#35

Methylcyclohexane

Concen: 1.089 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV028199.D

Acq: 29 Sep 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

EW846

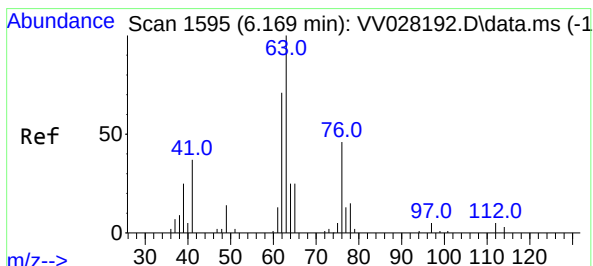
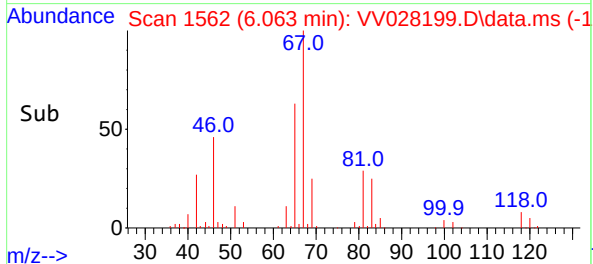
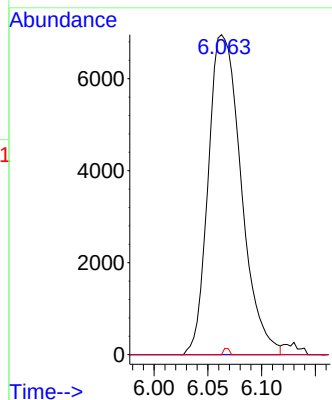
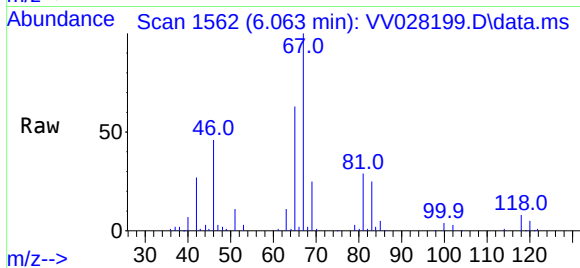
Tgt Ion: 83 Resp: 14809

Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 0.4 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.538 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV028199.D

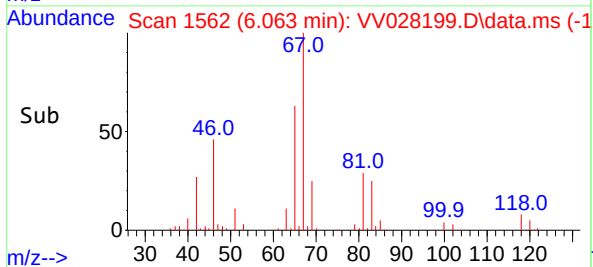
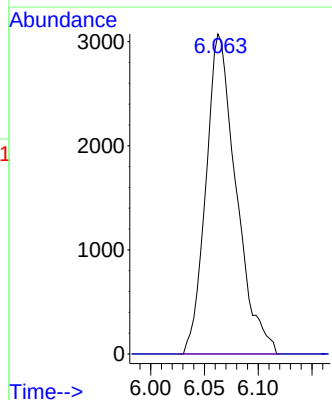
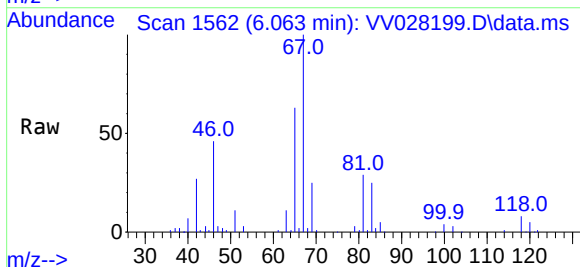
Acq: 29 Sep 2022 20:30

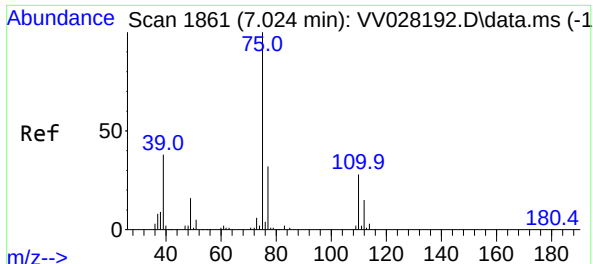
Tgt Ion: 63 Resp: 6005

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV028199.D

Acq: 29 Sep 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

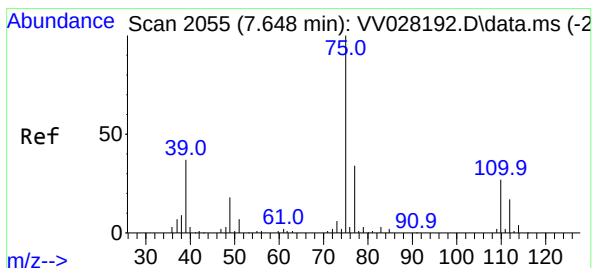
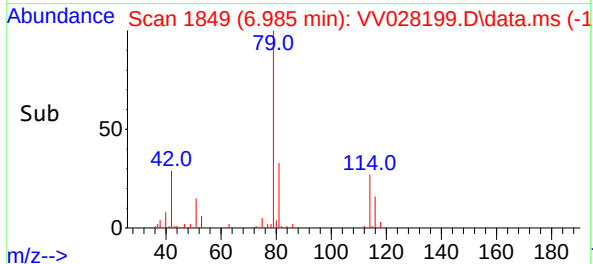
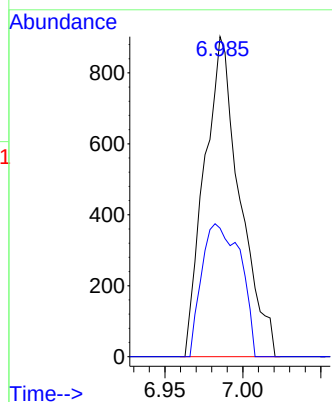
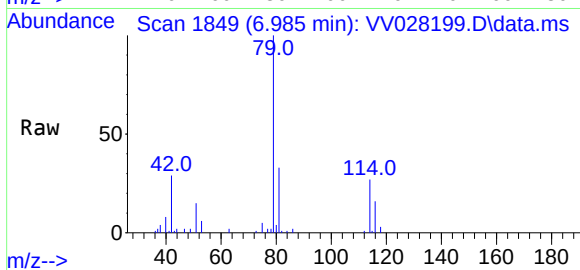
EW846

Tgt Ion: 75 Resp: 1424

Ion Ratio Lower Upper

75 100

77 40.1 22.4 41.6



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.026 min

Lab File: VV028199.D

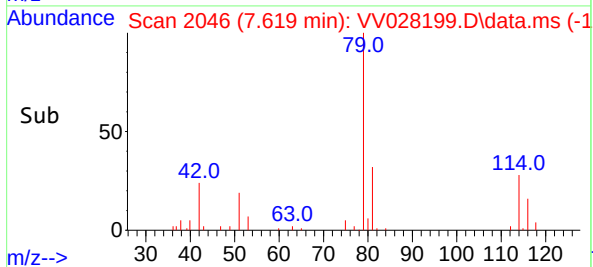
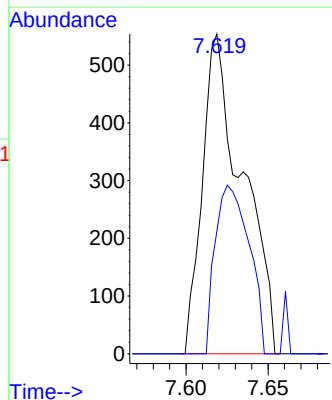
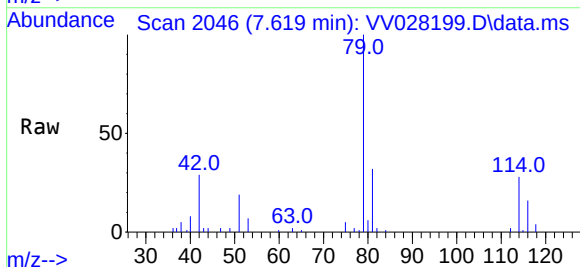
Acq: 29 Sep 2022 20:30

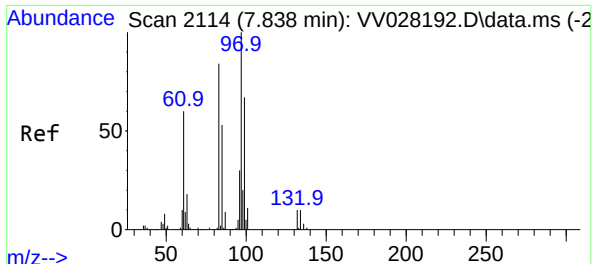
Tgt Ion: 75 Resp: 941

Ion Ratio Lower Upper

75 100

77 38.3 23.9 44.3

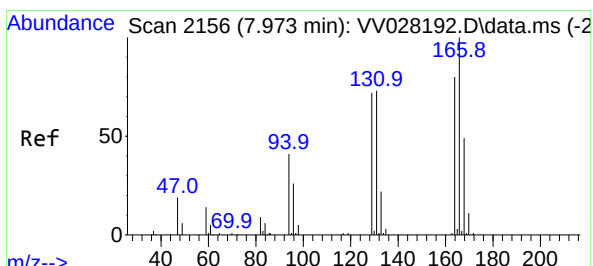
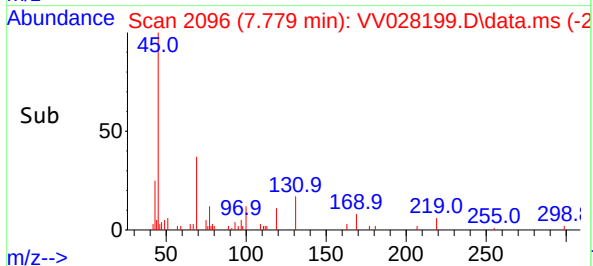
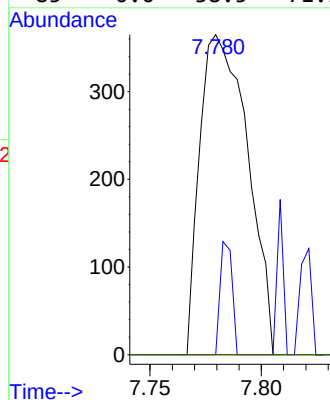
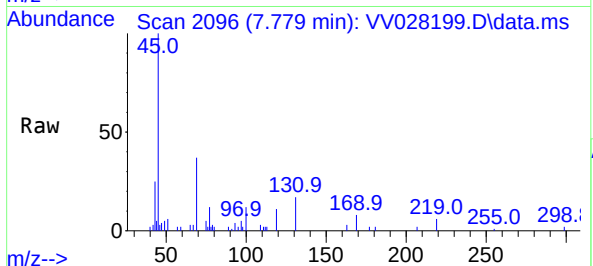




#45
1,1,2-Trichloroethane
Concen: 0.073 ug/L
RT: 7.779 min Scan# 2096
Delta R.T. -0.055 min
Lab File: VV028199.D
Acq: 29 Sep 2022 20:30

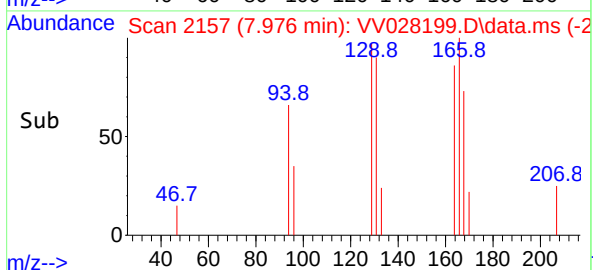
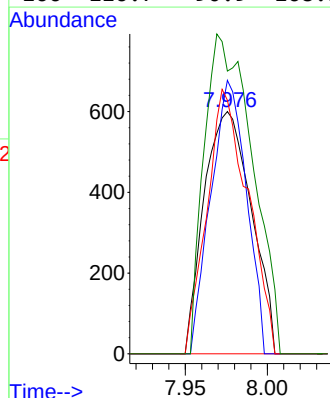
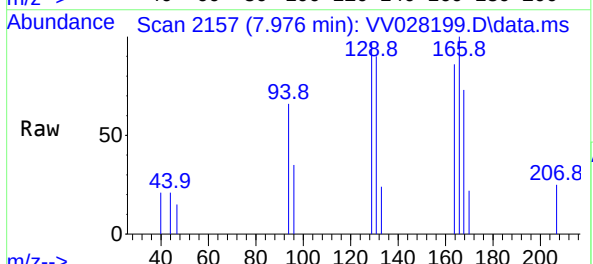
Instrument : MSVOA_V
ClientSampleId : EW846

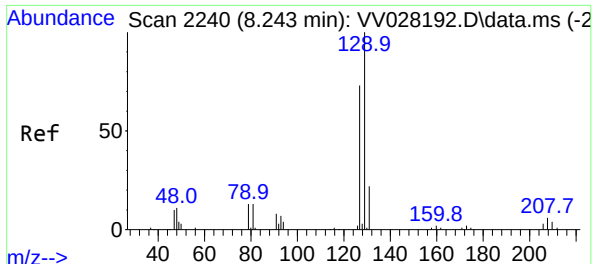
Tgt Ion: 97	Resp: 544
Ion Ratio	Lower Upper
97 100	
99 0.0	43.2 80.2#
83 0.0	59.1 109.9#
85 0.0	38.5 71.5#



#47
Tetrachloroethene
Concen: 0.152 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV028199.D
Acq: 29 Sep 2022 20:30

Tgt Ion: 164	Resp: 1199
Ion Ratio	Lower Upper
164 100	
129 112.8	66.7 123.9
131 104.7	61.7 114.5
166 116.7	90.9 168.9





#49

Dibromochloromethane

Concen: 0.113 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.264 min

Lab File: VV028199.D

Acq: 29 Sep 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

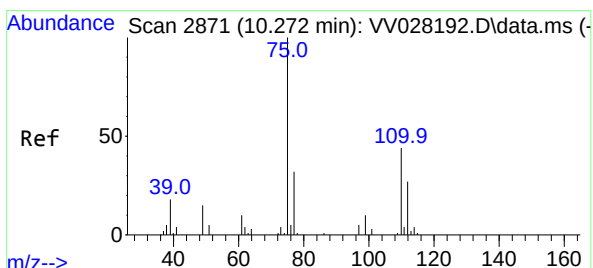
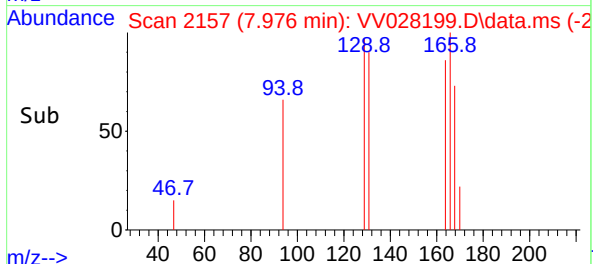
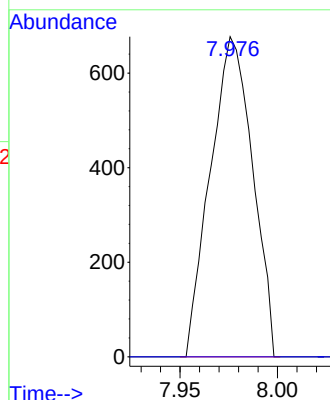
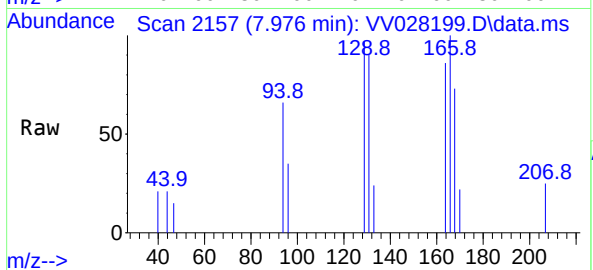
EW846

Tgt Ion:129 Resp: 1020

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#61

1,2,3-Trichloropropane

Concen: 1.048 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV028199.D

Acq: 29 Sep 2022 20:30

Tgt Ion: 75 Resp: 6263

Ion Ratio Lower Upper

75 100

77 32.5 26.7 40.1

110 0.7 30.1 45.1#

