

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071222\
 Data File : VW026737.D
 Acq On : 12 Jul 2022 19:49
 Operator : SY/MD
 Sample : N3601-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB0

Quant Time: Jul 13 03:05:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 02:57:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	220850	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	228179	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89823	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	96391	4.784	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.565	69	88353	5.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.101	63	142891	3.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.902	46	197557	62.825	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.660%
24) Chloroform-d	4.346	84	178636	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.034	65	83021	5.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.047	84	339179	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.069	67	107658	5.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.317	98	254224	4.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.625	79	21822	3.208	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.200%
46) 2-Hexanone-d5	8.092	63	140546	47.727	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	77293	4.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	86799	5.546	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	3066	0.114	ug/L #	79
5) Vinyl chloride	1.304	62	68746	2.506	ug/L	99
6) Bromomethane	1.520	94	824	0.050	ug/L	89
8) Chloroethane	1.410	64	290170	17.952	ug/L #	48
12) 1,1-Dichloroethene	2.111	96	4387	0.227	ug/L #	1
14) Carbon disulfide	2.288	76	4848	0.085	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	49824	2.799	ug/L	98
22) cis-1,2-Dichloroethene	3.909	96	584242	32.546	ug/L	96
34) Trichloroethene	5.915	95	85199	4.544	ug/L	96
35) Methylcyclohexane	6.069	83	26537	0.927	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	12043	0.660	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1712	0.076	ug/L #	52
47) Tetrachloroethene	7.976	164	56016	3.809	ug/L	97
49) Dibromochloromethane	7.973	129	55617	3.619	ug/L #	10
51) Chlorobenzene	8.886	112	5973	0.123	ug/L	95
61) 1,2,3-Trichloropropane	11.249	75	11899	1.436	ug/L #	66
71) Naphthalene	13.509	128	1414	0.058	ug/L #	71

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Quant Time: Jul 13 03:05:03 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 13 02:57:58 2022
Response via : Initial Calibration

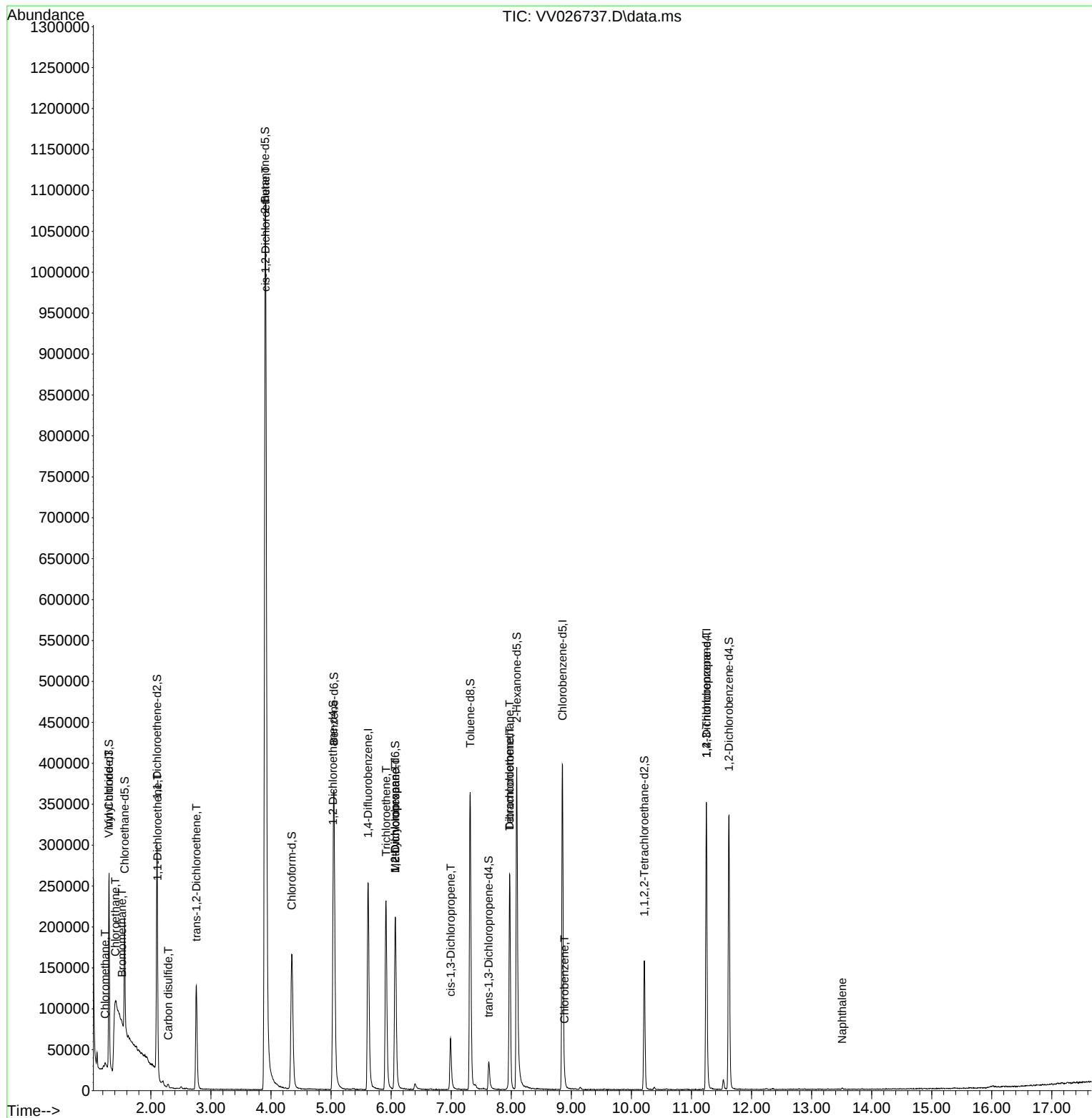
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

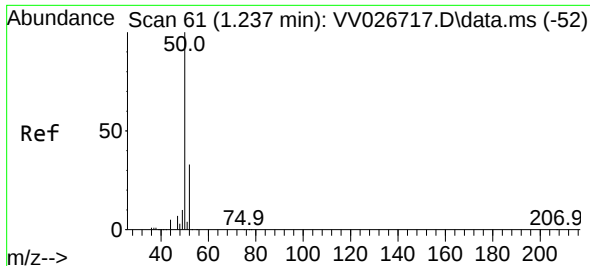
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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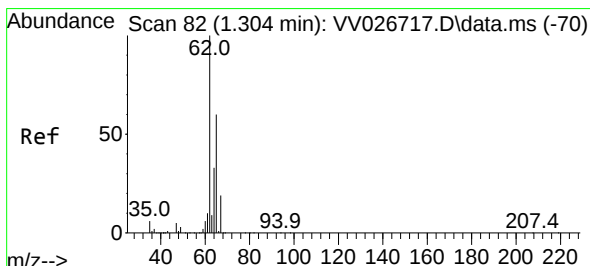
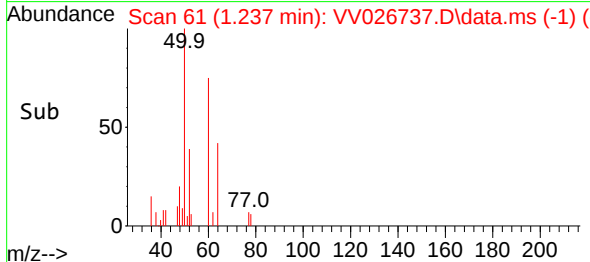
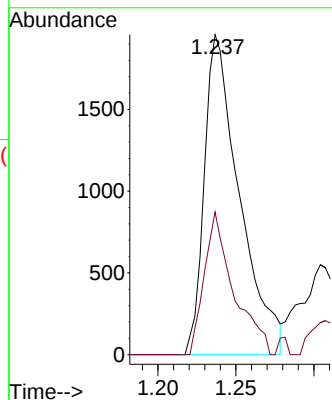
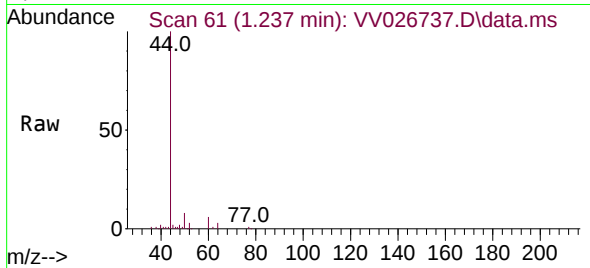




#3
Chloromethane
Concen: 0.114 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026737.D
Acq: 12 Jul 2022 19:49

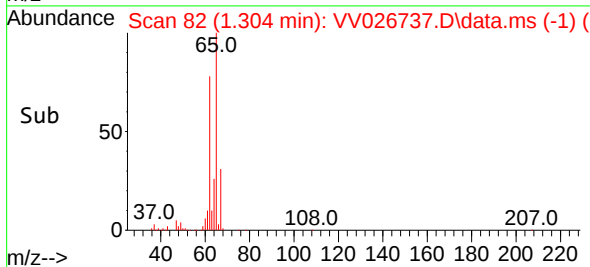
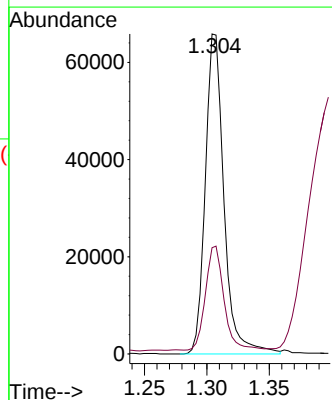
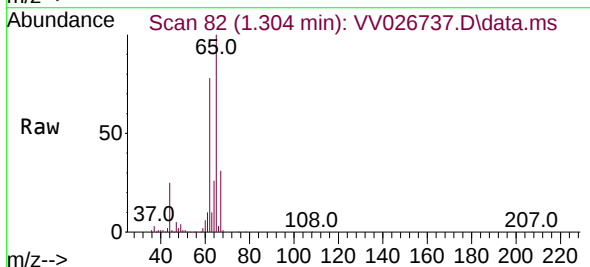
Instrument :
MSVOA_V
ClientSampleId :
DBUB0

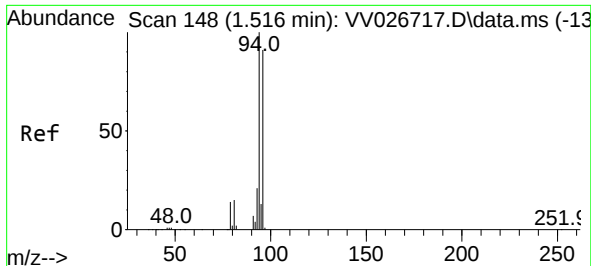
Tgt Ion: 50 Resp: 3066
Ion Ratio Lower Upper
50 100
52 44.6 22.8 42.4#



#5
Vinyl chloride
Concen: 2.506 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV026737.D
Acq: 12 Jul 2022 19:49

Tgt Ion: 62 Resp: 68746
Ion Ratio Lower Upper
62 100
64 33.2 22.9 42.5

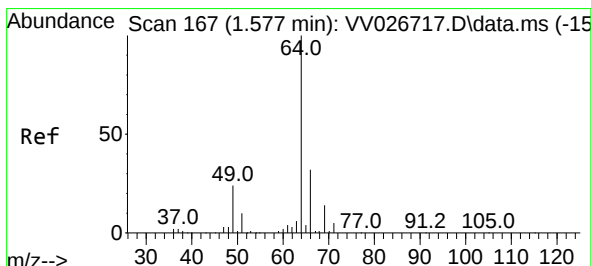
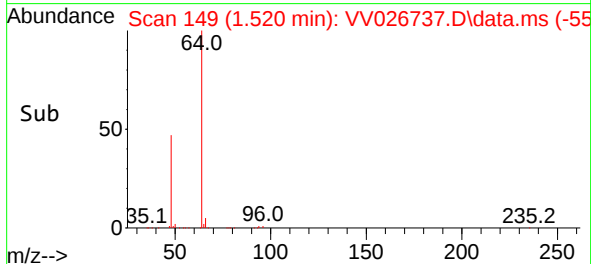
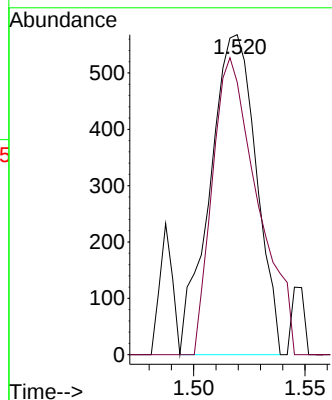
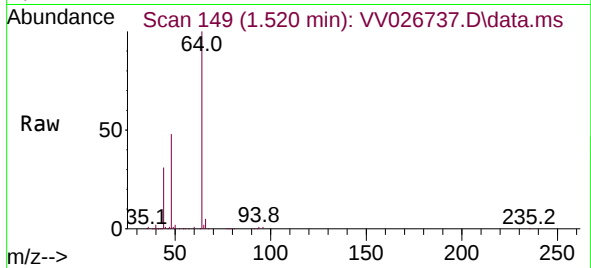




#6
Bromomethane
Concen: 0.050 ug/L
RT: 1.520 min Scan# 148
Delta R.T. 0.003 min
Lab File: VV026737.D
Acq: 12 Jul 2022 19:49

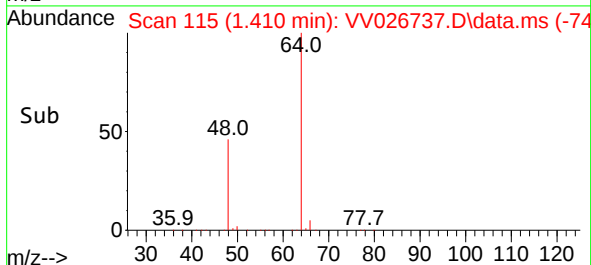
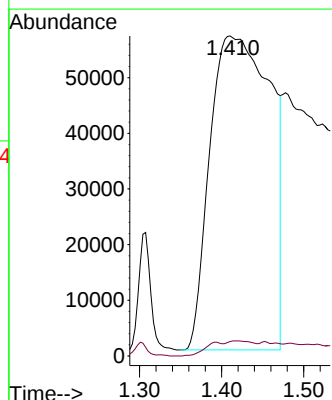
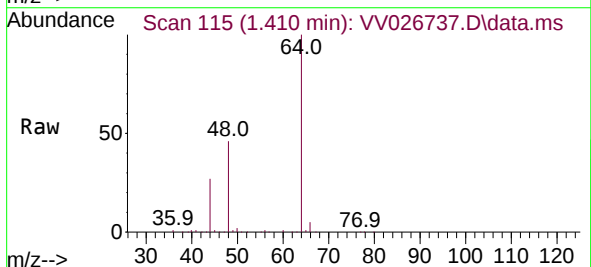
Instrument :
MSVOA_V
ClientSampleId :
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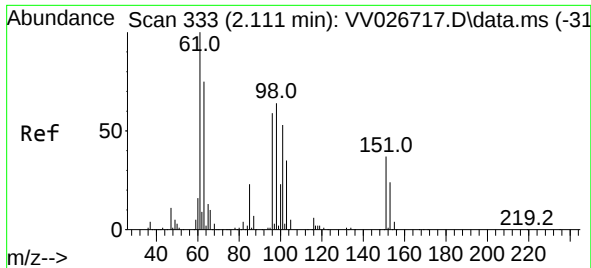
Tgt Ion: 94 Resp: 824
Ion Ratio Lower Upper
94 100
96 85.2 67.1 124.7



#8
Chloroethane
Concen: 17.952 ug/L
RT: 1.410 min Scan# 115
Delta R.T. -0.167 min
Lab File: VV026737.D
Acq: 12 Jul 2022 19:49

Tgt Ion: 64 Resp: 290170
Ion Ratio Lower Upper
64 100
66 4.5 23.9 44.5#

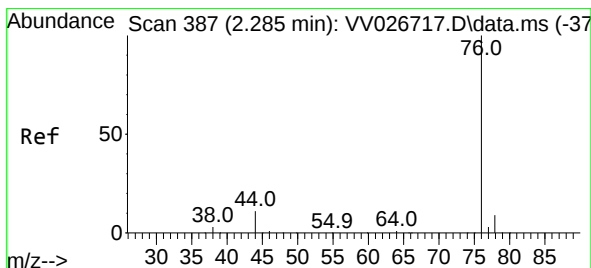
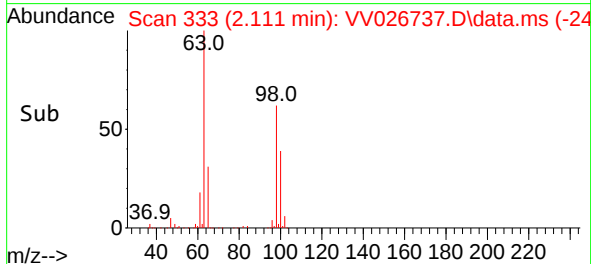
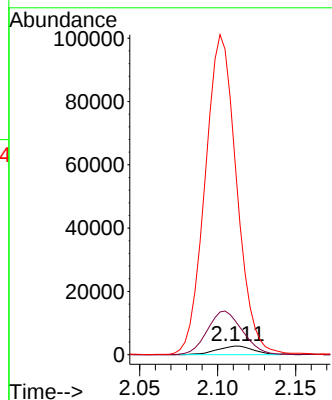
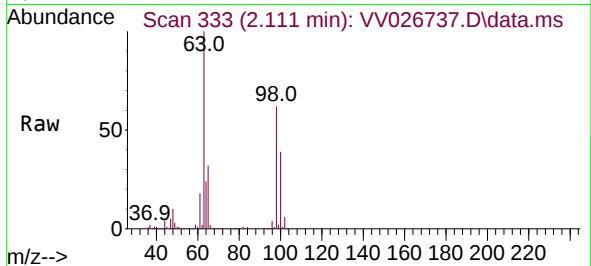




#12
1,1-Dichloroethene
Concen: 0.227 ug/L
RT: 2.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV026737.D
Acq: 12 Jul 2022 19:49

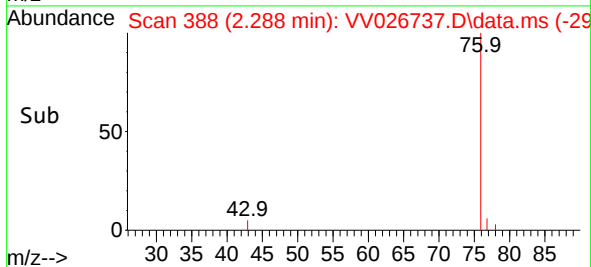
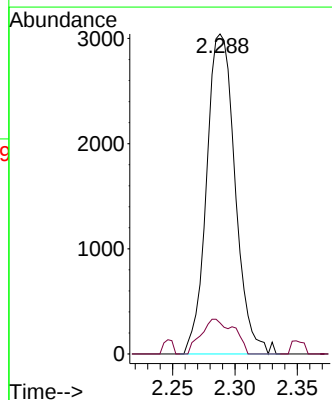
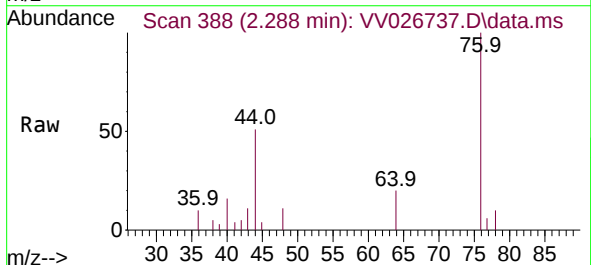
Instrument :
MSVOA_V
ClientSampleId :
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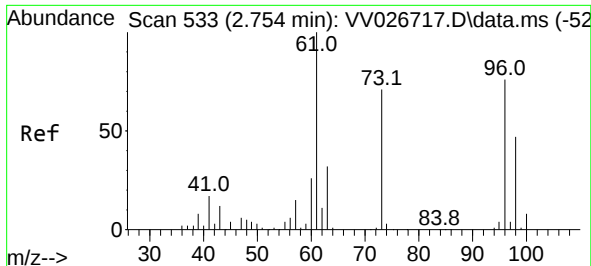
Tgt Ion: 96 Resp: 4387
Ion Ratio Lower Upper
96 100
61 397.6 118.3 219.7#
63 2246.0 79.9 148.3#



#14
Carbon disulfide
Concen: 0.085 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV026737.D
Acq: 12 Jul 2022 19:49

Tgt Ion: 76 Resp: 4848
Ion Ratio Lower Upper
76 100
78 9.7 7.7 11.5

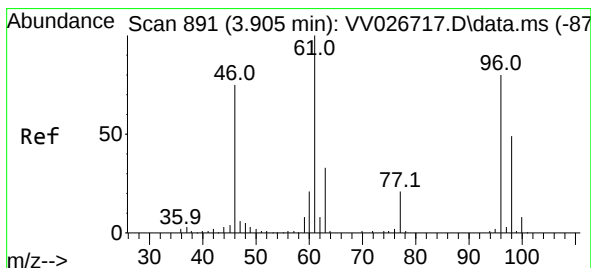
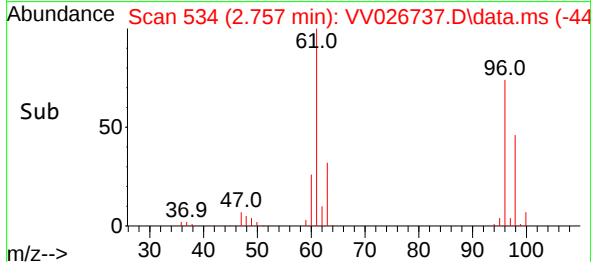
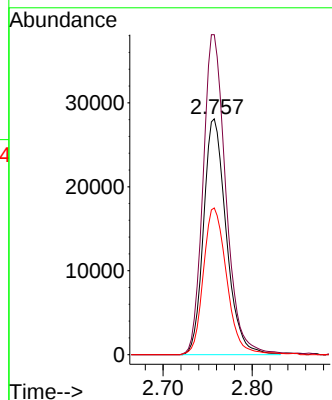
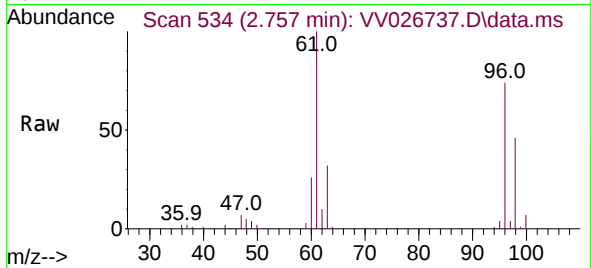




#18
trans-1,2-Dichloroethene
Concen: 2.799 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026737.D
Acq: 12 Jul 2022 19:49

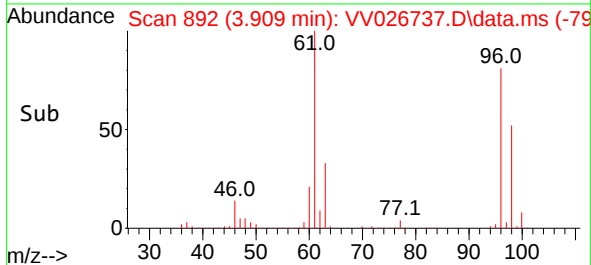
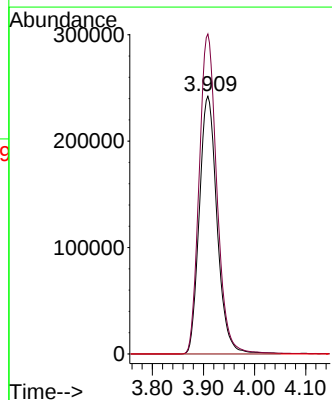
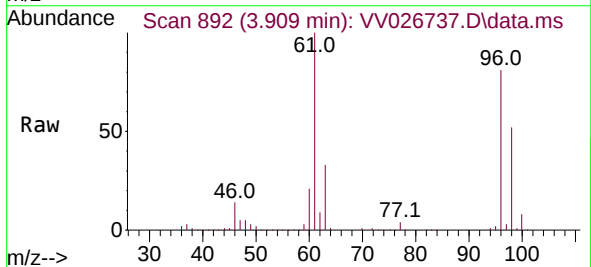
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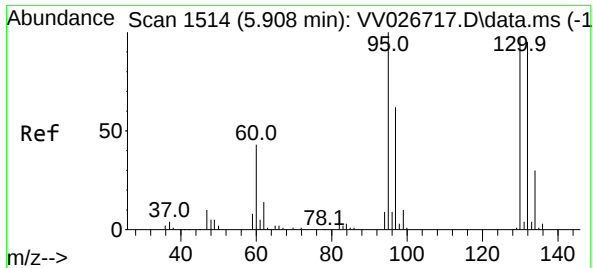
Tgt Ion: 96 Resp: 49824
Ion Ratio Lower Upper
96 100
61 135.7 94.7 175.9
98 62.3 47.4 88.0



#22
cis-1,2-Dichloroethene
Concen: 32.546 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV026737.D
Acq: 12 Jul 2022 19:49

Tgt Ion: 96 Resp: 584242
Ion Ratio Lower Upper
96 100
61 124.1 83.9 155.9
68 0.0 0.0 0.0

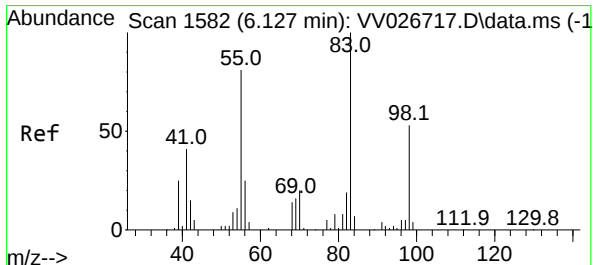
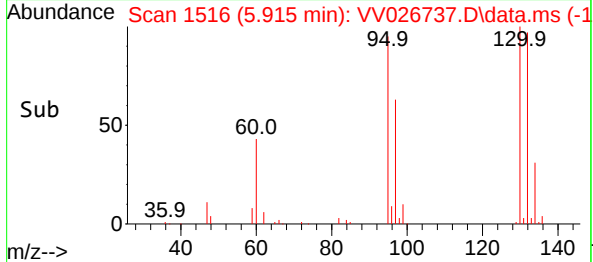
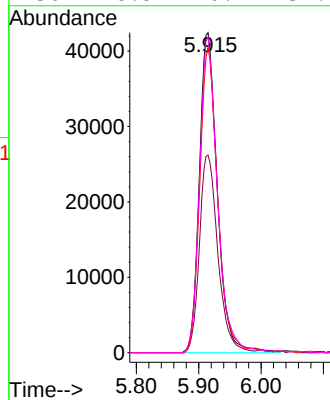
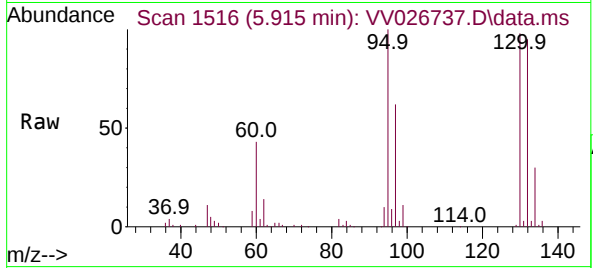




#34
Trichloroethene
Concen: 4.544 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV026737.D
Acq: 12 Jul 2022 19:49

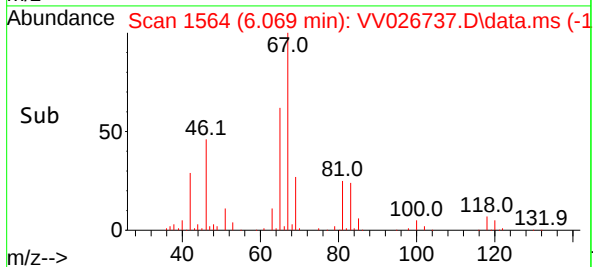
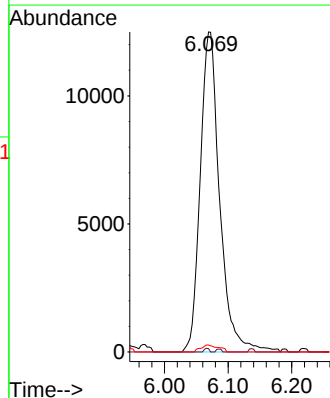
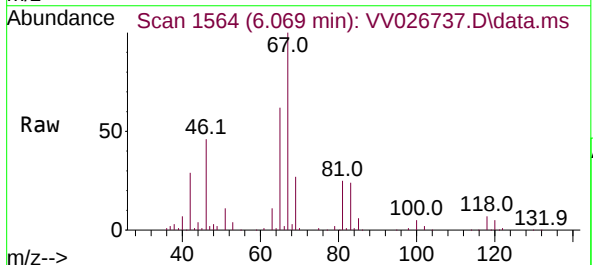
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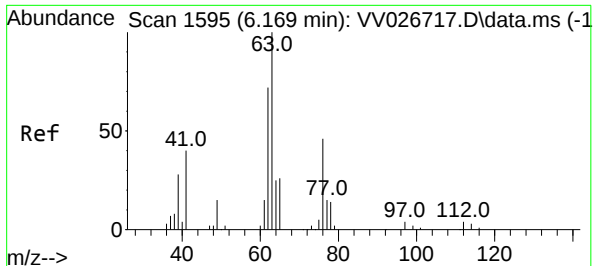
Tgt Ion: 95 Resp: 85199
Ion Ratio Lower Upper
95 100
97 61.8 44.6 82.8
132 95.3 70.2 130.4
130 98.5 70.9 131.7



#35
Methylcyclohexane
Concen: 0.927 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV026737.D
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Tgt Ion: 83 Resp: 26537
Ion Ratio Lower Upper
83 100
55 0.3 59.5 89.3#
98 2.0 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.660 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026737.D

Acq: 12 Jul 2022 19:49

Instrument :

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ClientSampleId :

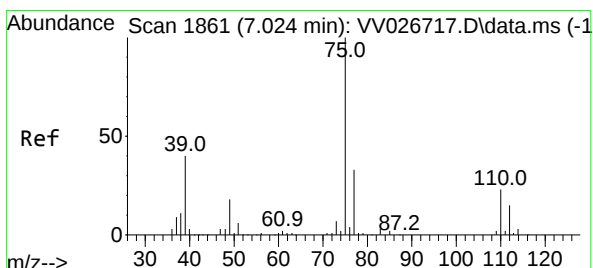
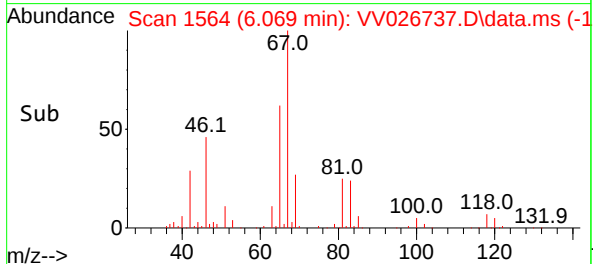
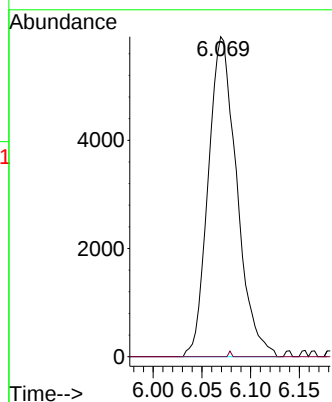
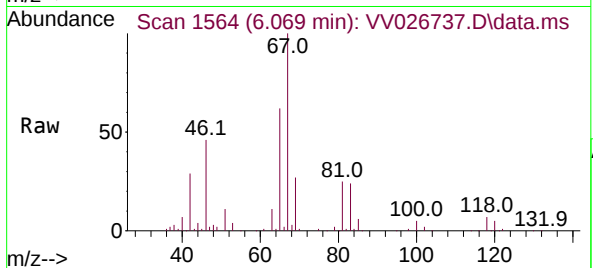
DBUB0

Tgt Ion: 63 Resp: 12043

Ion Ratio Lower Upper

63 100

112 0.2 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV026737.D

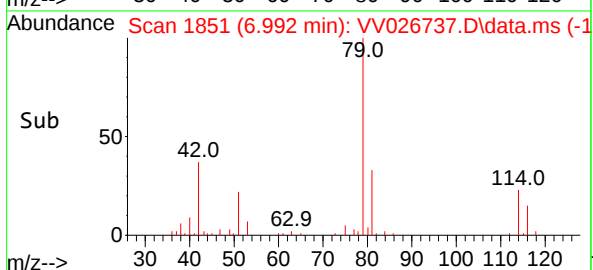
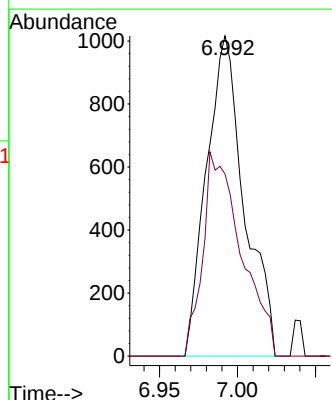
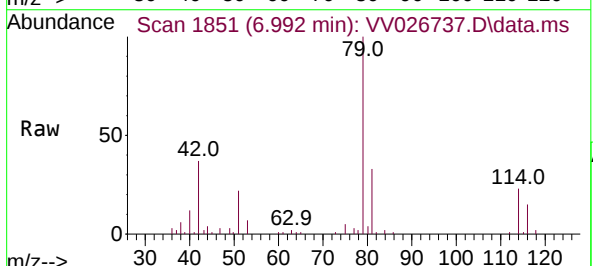
Acq: 12 Jul 2022 19:49

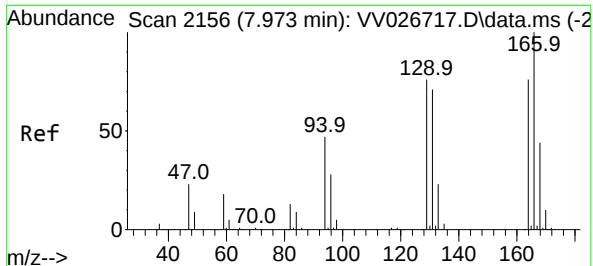
Tgt Ion: 75 Resp: 1712

Ion Ratio Lower Upper

75 100

77 56.9 21.4 39.8#





#47

Tetrachloroethene

Concen: 3.809 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV026737.D

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Tgt Ion:164 Resp: 56016

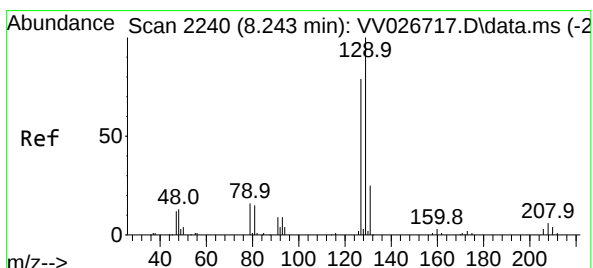
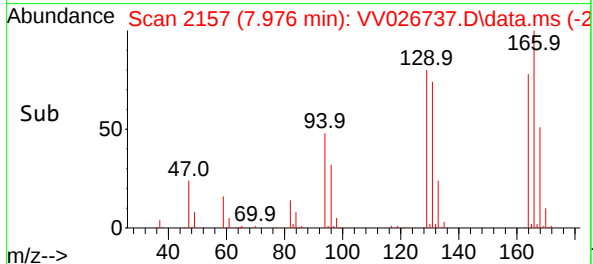
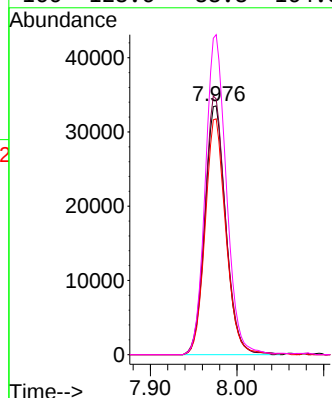
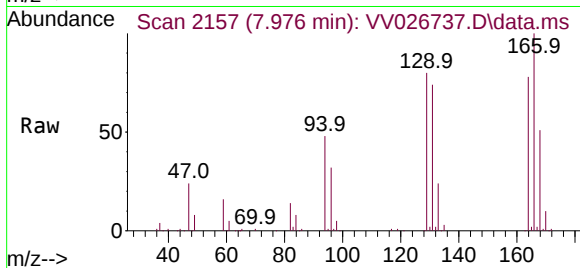
Ion Ratio Lower Upper

164 100

129 102.7 67.8 125.8

131 94.8 65.9 122.5

166 128.6 88.8 164.8



#49

Dibromochloromethane

Concen: 3.619 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV026737.D

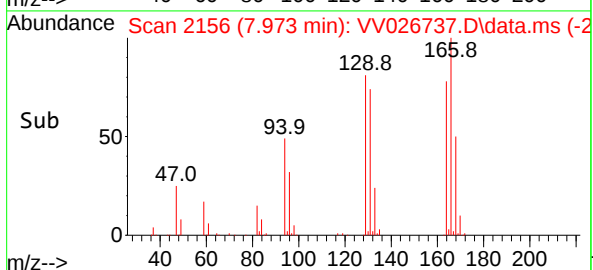
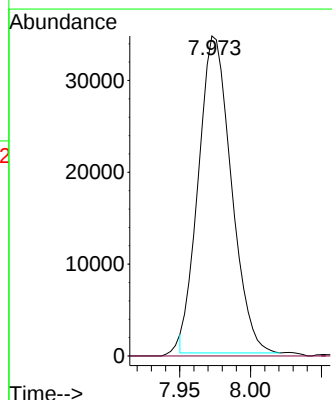
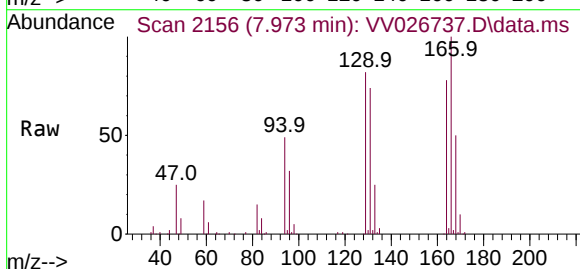
Acq: 12 Jul 2022 19:49

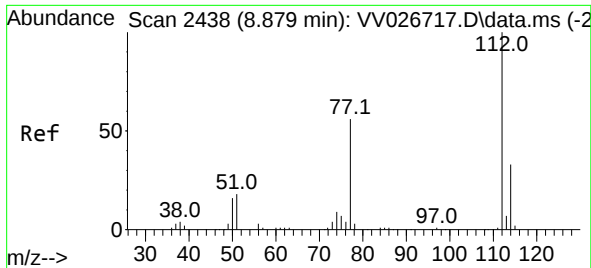
Tgt Ion:129 Resp: 55617

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#

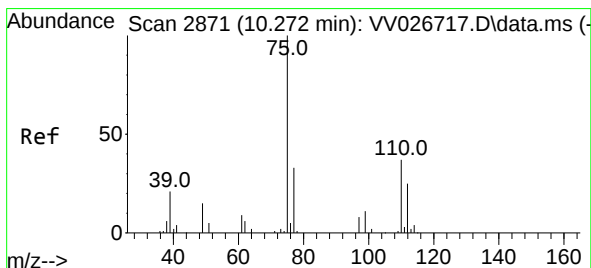
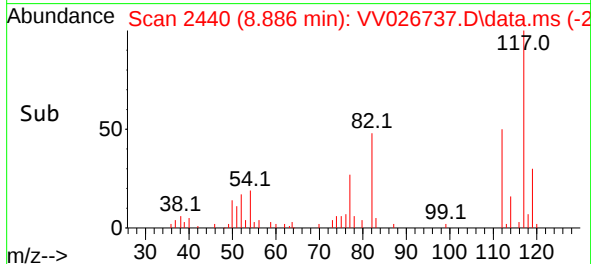
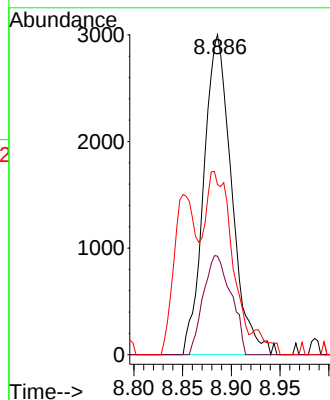
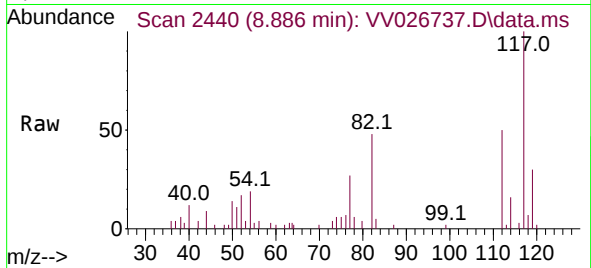




#51
Chlorobenzene
Concen: 0.123 ug/L
RT: 8.886 min Scan# 2438
Delta R.T. 0.006 min
Lab File: VV026737.D
Acq: 12 Jul 2022 19:49

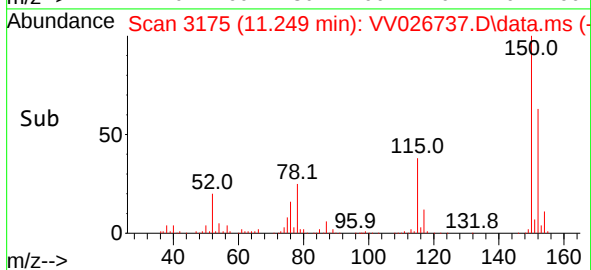
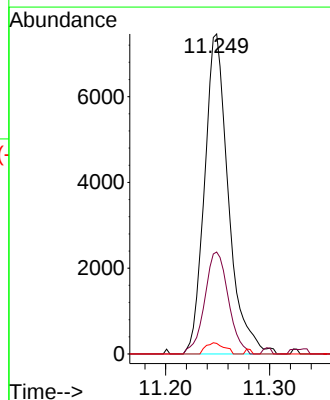
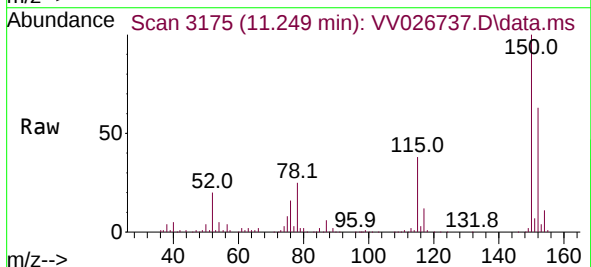
Instrument :
MSVOA_V
ClientSampleId :
DBUB0

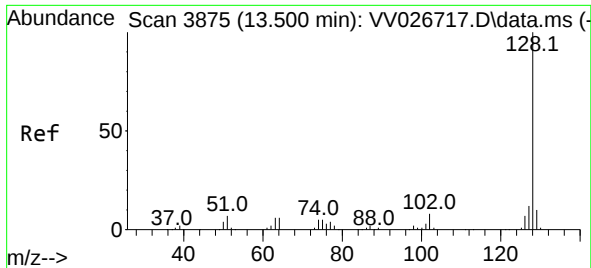
Tgt Ion:112 Resp: 5973
Ion Ratio Lower Upper
112 100
114 30.8 22.7 42.1
77 53.1 46.6 70.0



#61
1,2,3-Trichloropropane
Concen: 1.436 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026737.D
Acq: 12 Jul 2022 19:49

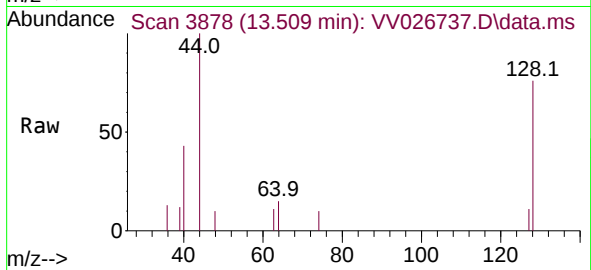
Tgt Ion: 75 Resp: 11899
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
110 2.7 31.8 47.6#





#71
Naphthalene
Concen: 0.058 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV026737.D
Acq: 12 Jul 2022 19:49

Instrument :
MSVOA_V
ClientSampleId :
DBUB0



Tgt Ion:128 Resp: 1414
Ion Ratio Lower Upper
128 100
129 1.4 8.4 12.6#
127 0.0 10.7 16.1#

