

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071222\
 Data File : VW026728.D
 Acq On : 12 Jul 2022 15:47
 Operator : SY/MD
 Sample : N3601-18DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB0DL

Quant Time: Jul 13 03:02:43 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	168670	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	171207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68545	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	93503	6.077	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.600%
7) Chloroethane-d5	1.561	69	84365	6.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.000%
11) 1,1-Dichloroethene-d2	2.101	63	135240	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.902	46	171459	71.394	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.780%#
24) Chloroform-d	4.346	84	168043	6.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.000%
26) 1,2-Dichloroethane-d4	5.031	65	80211	6.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	136.400%#
32) Benzene-d6	5.047	84	319768	6.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.000%
36) 1,2-Dichloropropane-d6	6.069	67	99699	6.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	127.800%
41) Toluene-d8	7.313	98	241721	5.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	7.625	79	21498	4.213	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.088	63	133566	60.450	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.900%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	74772	6.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.000%#
66) 1,2-Dichlorobenzene-d4	11.625	152	81856	6.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	137.000%#
Target Compounds						Qvalue
3) Chloromethane	1.236	50	1153	0.056	ug/L	96
5) Vinyl chloride	1.304	62	12351	0.589	ug/L #	73
8) Chloroethane	1.304	64	4776	0.387	ug/L	89
12) 1,1-Dichloroethene	2.105	96	2104	0.142	ug/L #	1
14) Carbon disulfide	2.288	76	3296	0.076	ug/L	96
16) Methylene chloride	2.503	84	15649	0.888	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	8968	0.660	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	99982	7.293	ug/L	98
34) Trichloroethene	5.915	95	14117	1.003	ug/L	96
35) Methylcyclohexane	6.066	83	24444	1.138	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	11227	0.820	ug/L #	84
47) Tetrachloroethene	7.976	164	9642	0.874	ug/L	96
49) Dibromochloromethane	7.976	129	8798	0.763	ug/L #	10
51) Chlorobenzene	8.879	112	1544	0.042	ug/L #	87
61) 1,2,3-Trichloropropane	11.246	75	8995	1.423	ug/L #	66
71) Naphthalene	13.509	128	1584	0.085	ug/L #	93

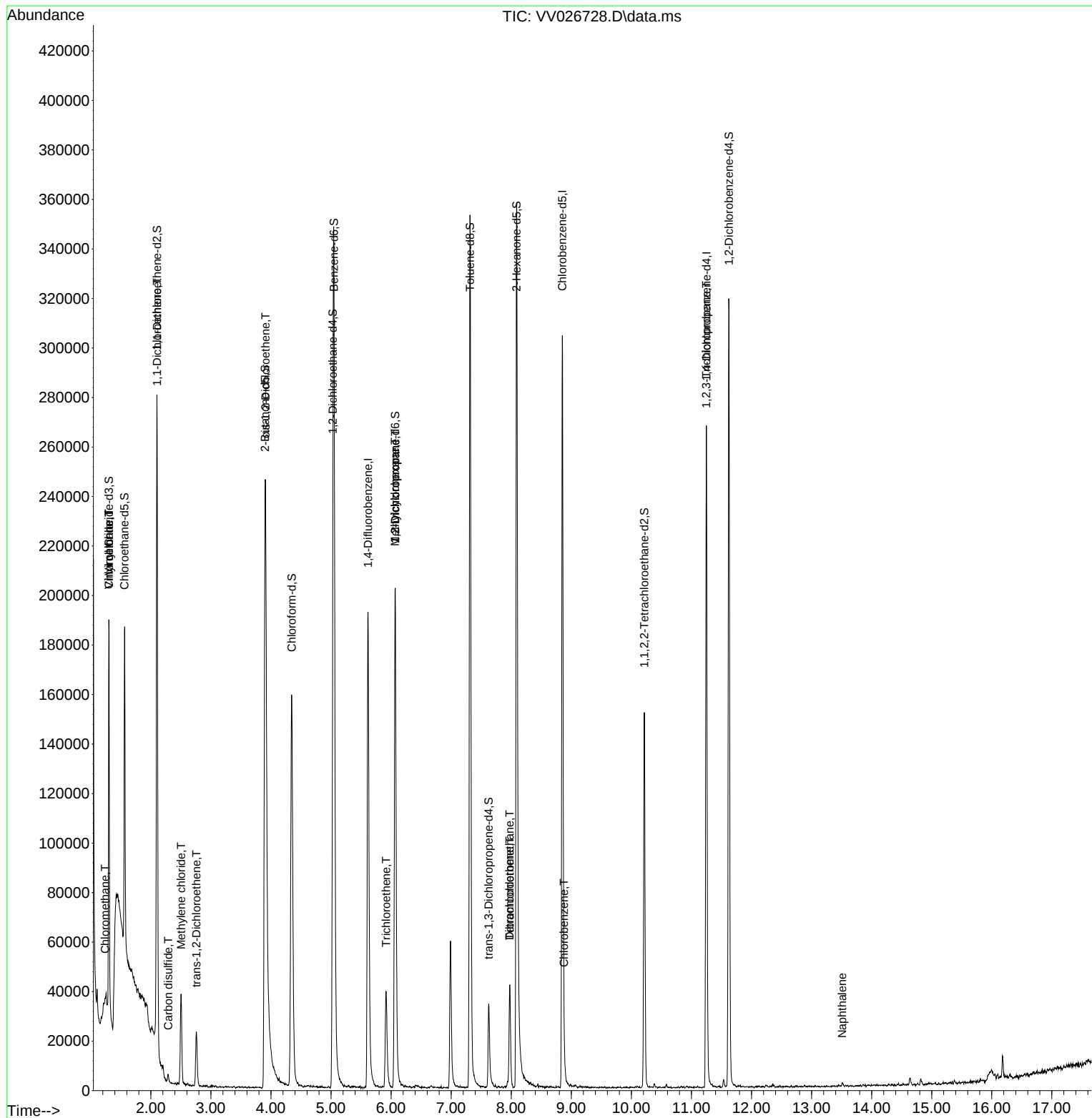
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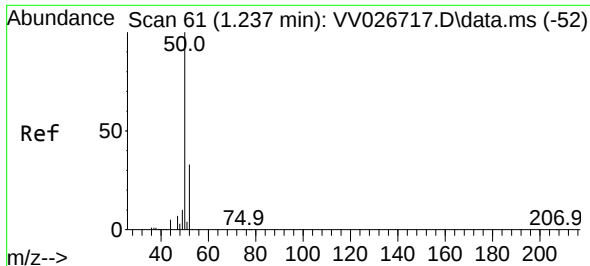
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MSVOA_V
ClientSampleId :
DBUB0DL

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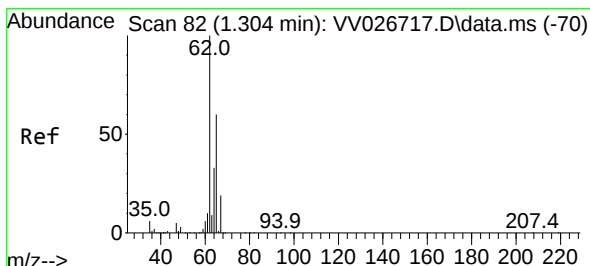
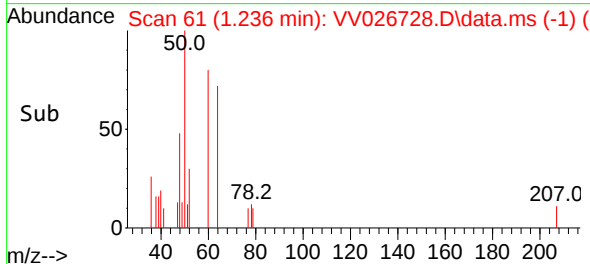
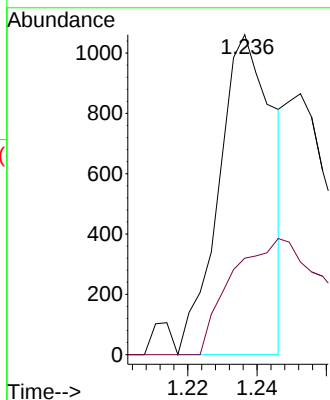
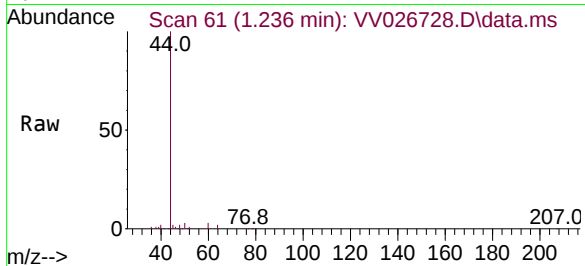




#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026728.D
Acq: 12 Jul 2022 15:47

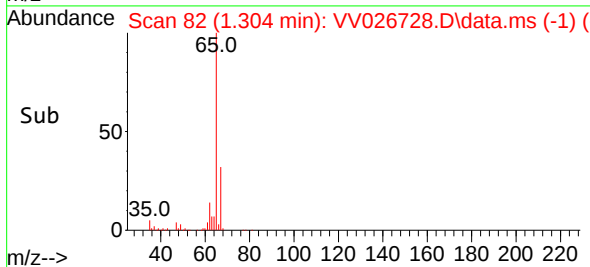
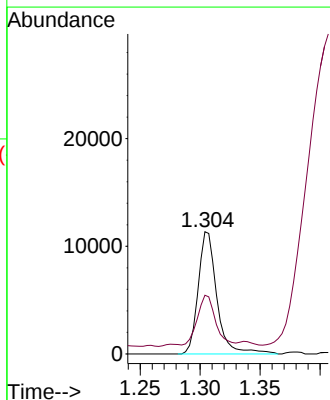
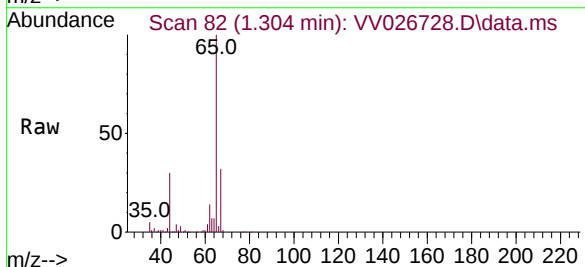
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MSVOA_V
ClientSampleId :
DBUB0DL

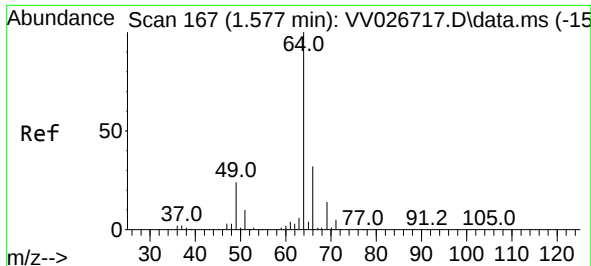
Tgt Ion: 50 Resp: 1153
Ion Ratio Lower Upper
50 100
52 30.2 22.8 42.4



#5
Vinyl chloride
Concen: 0.589 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV026728.D
Acq: 12 Jul 2022 15:47

Tgt Ion: 62 Resp: 12351
Ion Ratio Lower Upper
62 100
64 48.1 22.9 42.5#

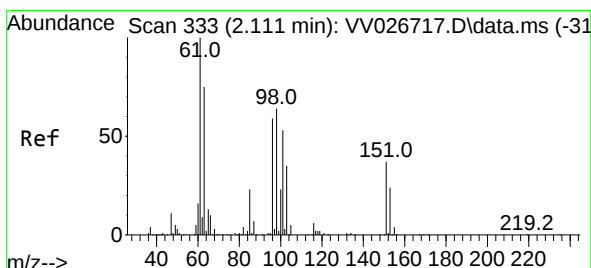
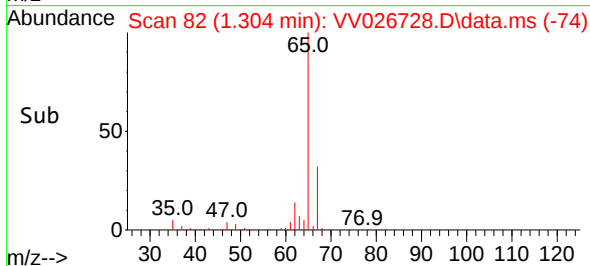
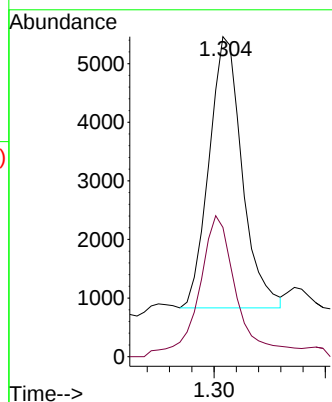
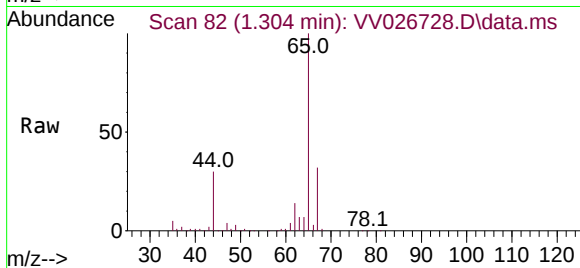




#8
Chloroethane
Concen: 0.387 ug/L
RT: 1.304 min Scan# 81
Delta R.T. -0.273 min
Lab File: VV026728.D
Acq: 12 Jul 2022 15:47

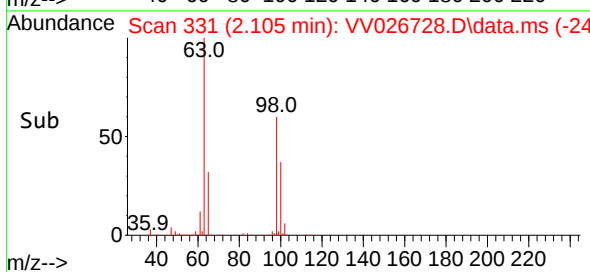
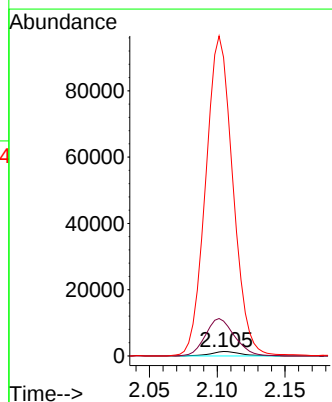
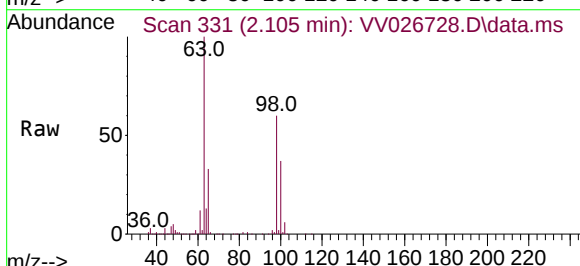
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MSVOA_V
ClientSampleId :
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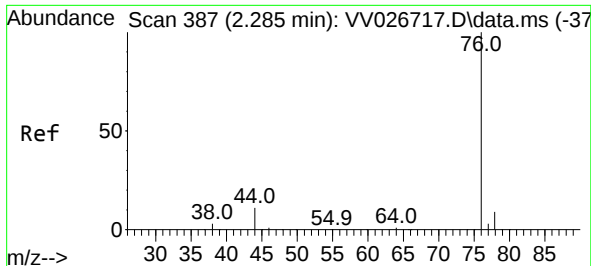
Tgt Ion: 64 Resp: 4776
Ion Ratio Lower Upper
64 100
66 40.4 23.9 44.5



#12
1,1-Dichloroethene
Concen: 0.142 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.007 min
Lab File: VV026728.D
Acq: 12 Jul 2022 15:47

Tgt Ion: 96 Resp: 2104
Ion Ratio Lower Upper
96 100
61 767.2 118.3 219.7#
63 6561.4 79.9 148.3#

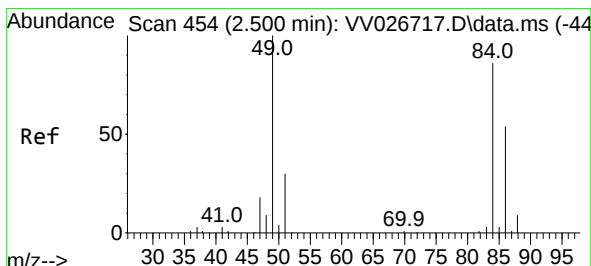
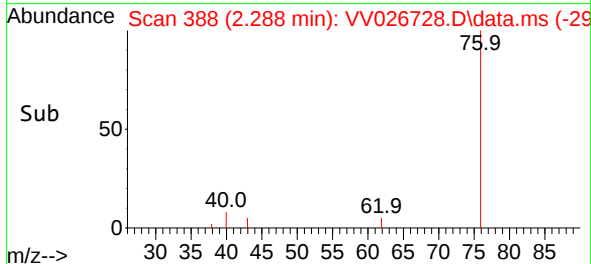
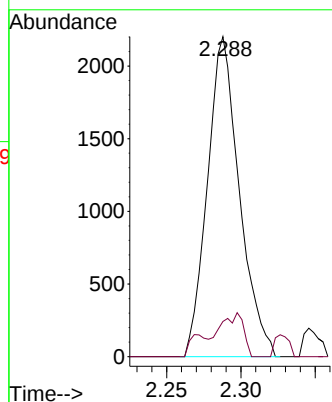
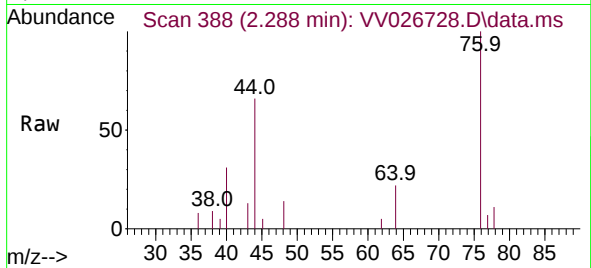




#14
Carbon disulfide
Concen: 0.076 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026728.D
Acq: 12 Jul 2022 15:47

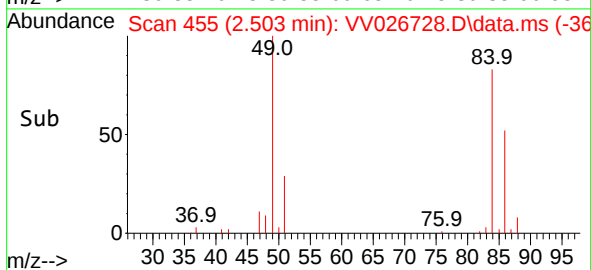
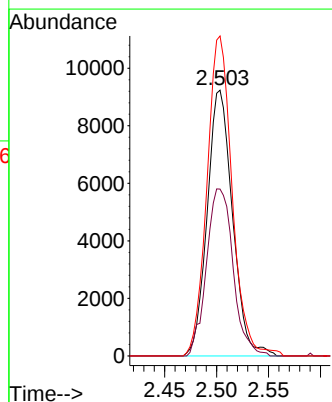
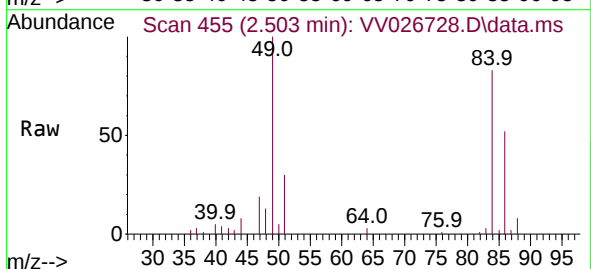
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ClientSampleId :
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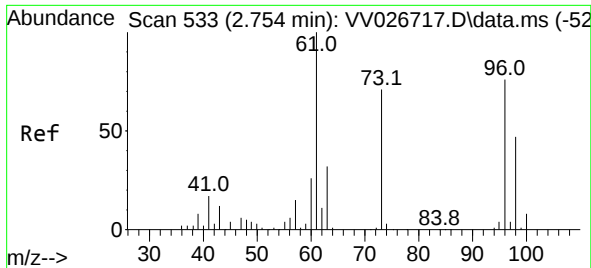
Tgt Ion: 76 Resp: 3296
Ion Ratio Lower Upper
76 100
78 11.0 7.7 11.5



#16
Methylene chloride
Concen: 0.888 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV026728.D
Acq: 12 Jul 2022 15:47

Tgt Ion: 84 Resp: 15649
Ion Ratio Lower Upper
84 100
86 62.8 44.8 83.2
49 120.4 78.7 146.1

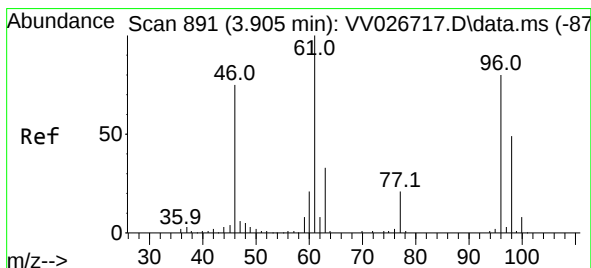
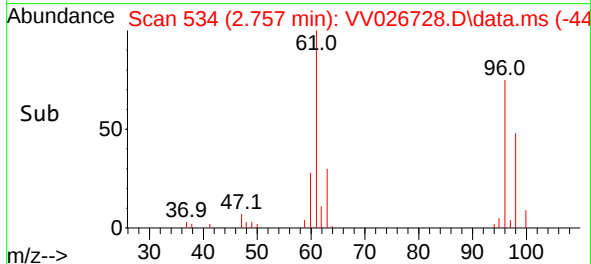
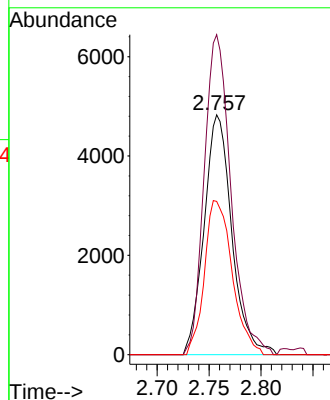
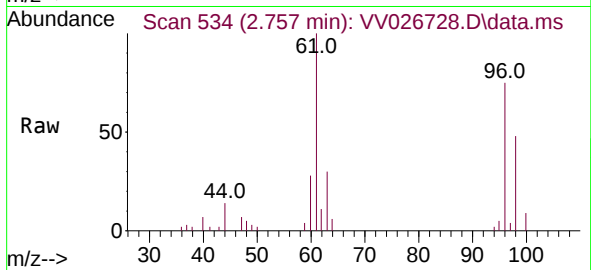




#18
trans-1,2-Dichloroethene
Concen: 0.660 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026728.D
Acq: 12 Jul 2022 15:47

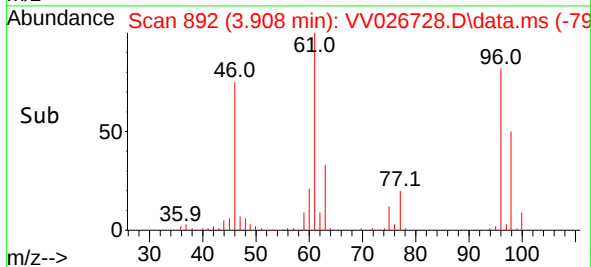
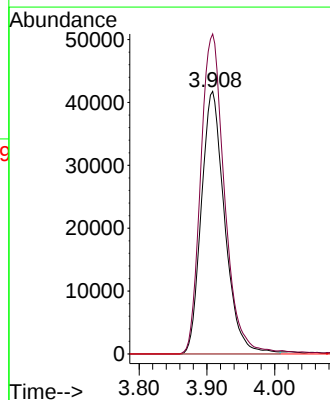
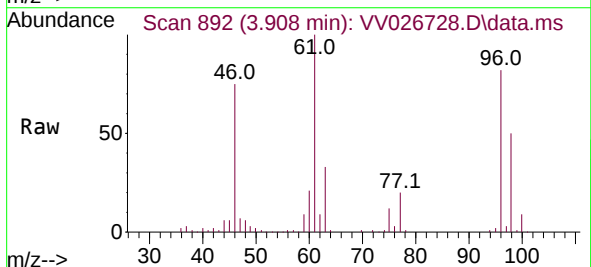
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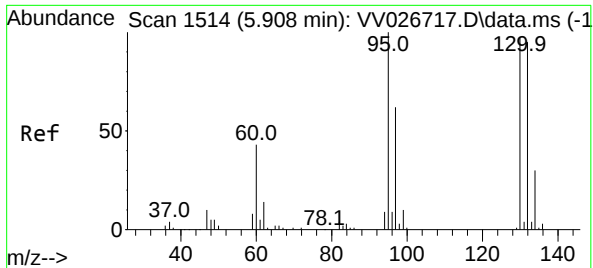
Tgt Ion: 96 Resp: 8968
Ion Ratio Lower Upper
96 100
61 133.4 94.7 175.9
98 63.9 47.4 88.0



#22
cis-1,2-Dichloroethene
Concen: 7.293 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV026728.D
Acq: 12 Jul 2022 15:47

Tgt Ion: 96 Resp: 99982
Ion Ratio Lower Upper
96 100
61 121.9 83.9 155.9
68 0.0 0.0 0.0



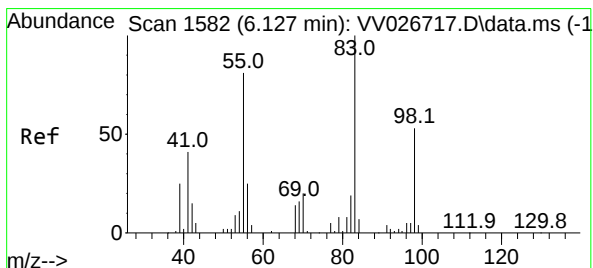
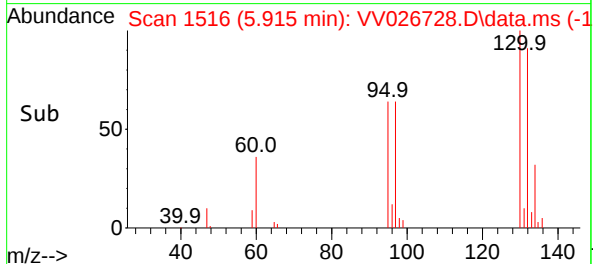
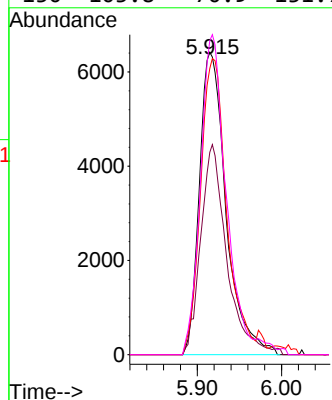
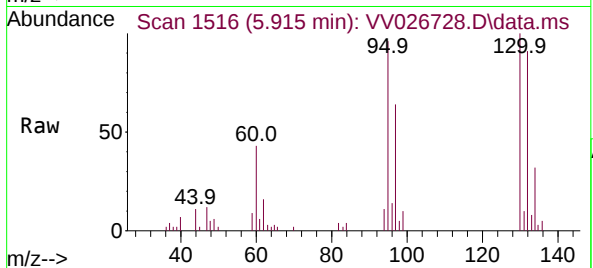


#34
Trichloroethene
Concen: 1.003 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV026728.D
Acq: 12 Jul 2022 15:47

Instrument :
MSVOA_V
ClientSampleId :
DBUB0DL

Tgt Ion: 95 Resp: 14117

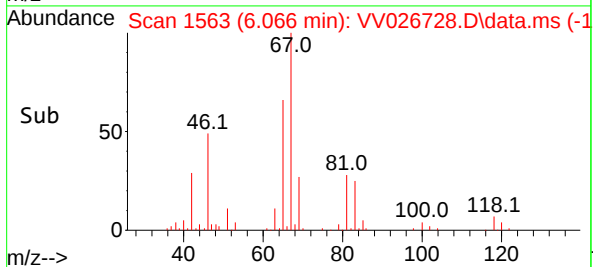
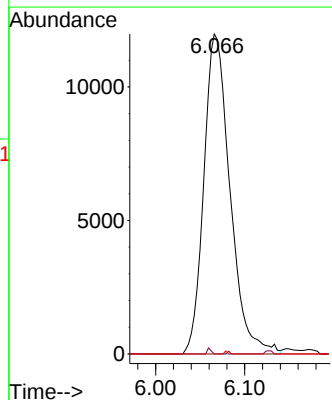
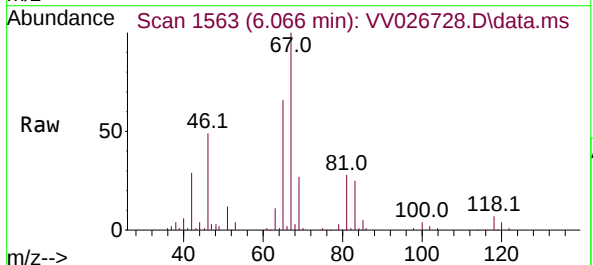
Ion	Ratio	Lower	Upper
95	100		
97	66.9	44.6	82.8
132	94.6	70.2	130.4
130	103.8	70.9	131.7

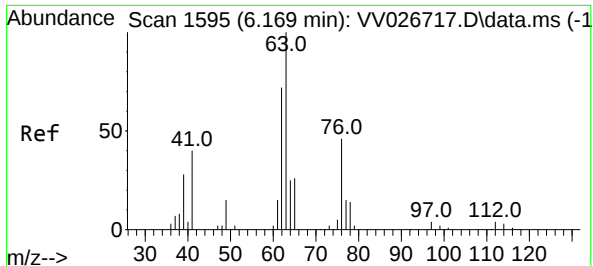


#35
Methylcyclohexane
Concen: 1.138 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV026728.D
Acq: 12 Jul 2022 15:47

Tgt Ion: 83 Resp: 24444

Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.5	89.3#
98	0.5	38.3	57.5#





#37

1,2-Dichloropropane

Concen: 0.820 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026728.D

Acq: 12 Jul 2022 15:47

Instrument :

MSVOA_V

ClientSampleId :

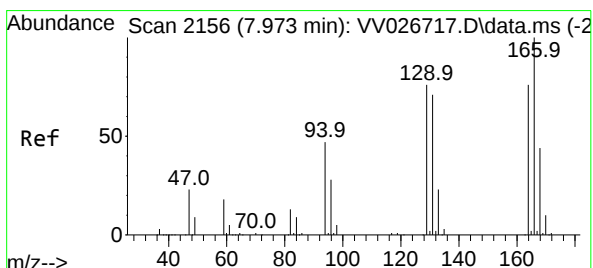
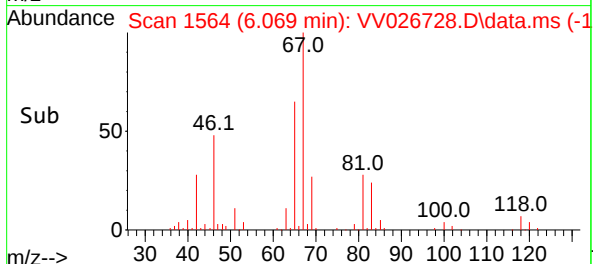
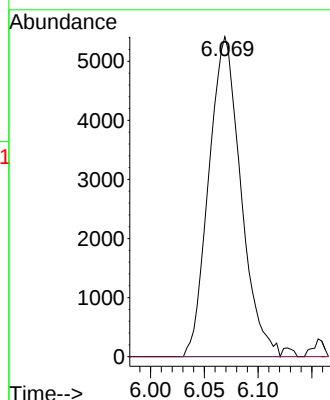
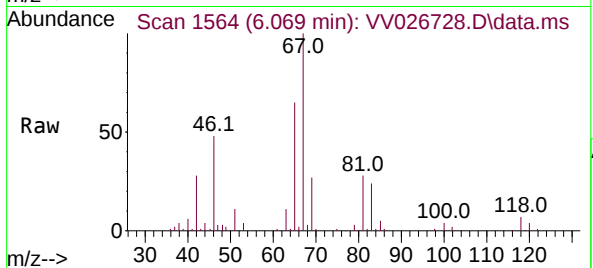
DBUB0DL

Tgt Ion: 63 Resp: 11227

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#47

Tetrachloroethene

Concen: 0.874 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV026728.D

Acq: 12 Jul 2022 15:47

Tgt Ion:164 Resp: 9642

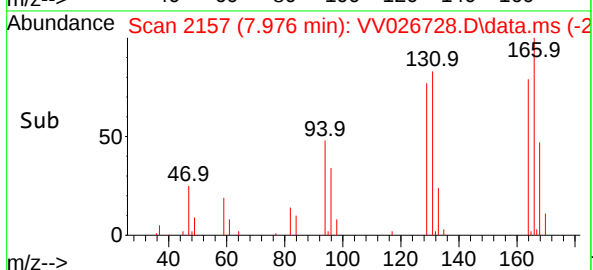
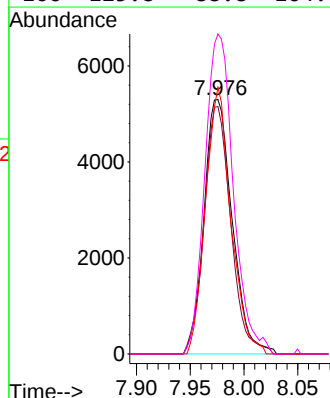
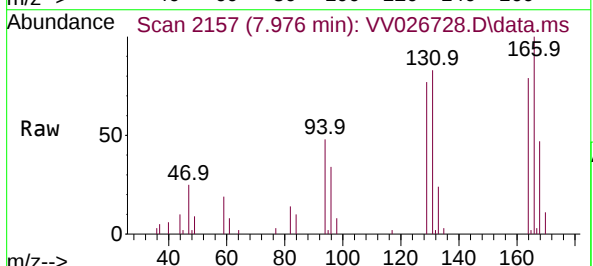
Ion Ratio Lower Upper

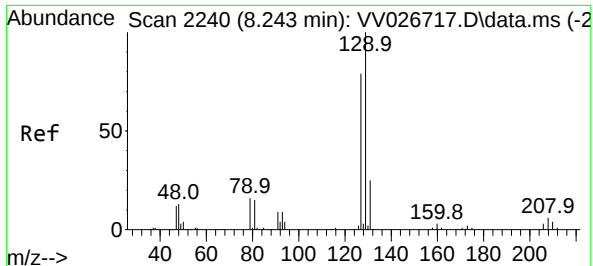
164 100

129 97.2 67.8 125.8

131 104.8 65.9 122.5

166 125.8 88.8 164.8





#49

Dibromochloromethane

Concen: 0.763 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV026728.D

Acq: 12 Jul 2022 15:47

Instrument :

MSVOA_V

ClientSampleId :

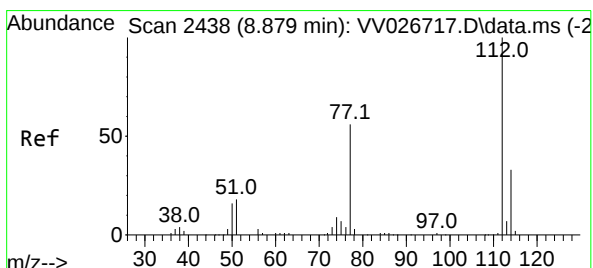
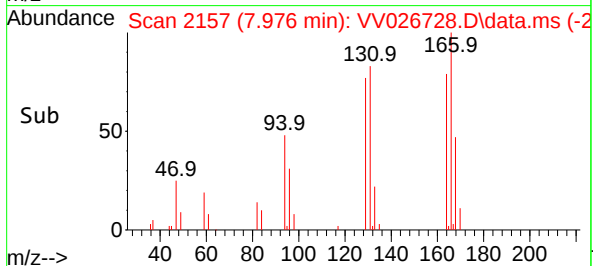
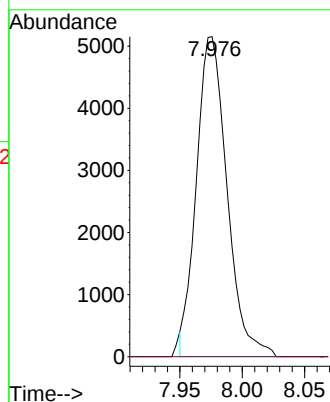
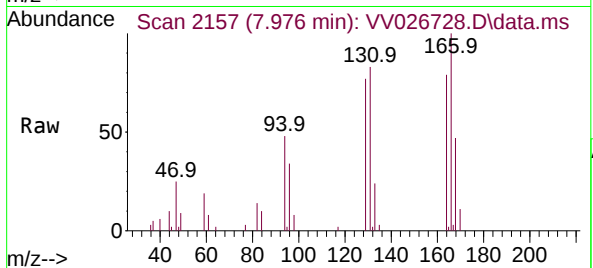
DBUB0DL

Tgt Ion:129 Resp: 8798

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#51

Chlorobenzene

Concen: 0.042 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV026728.D

Acq: 12 Jul 2022 15:47

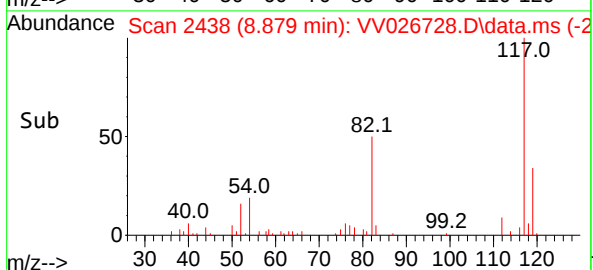
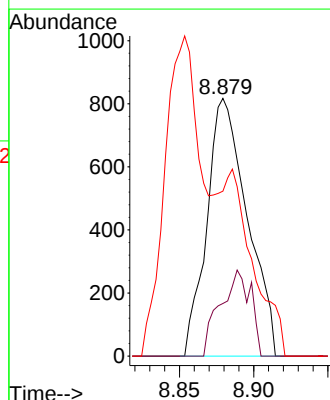
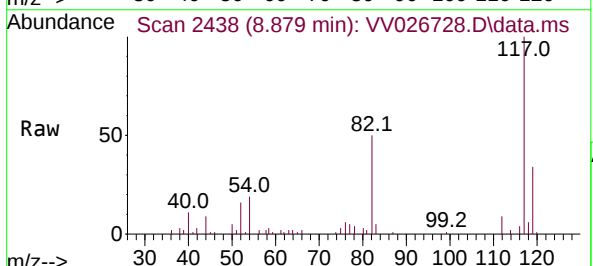
Tgt Ion:112 Resp: 1544

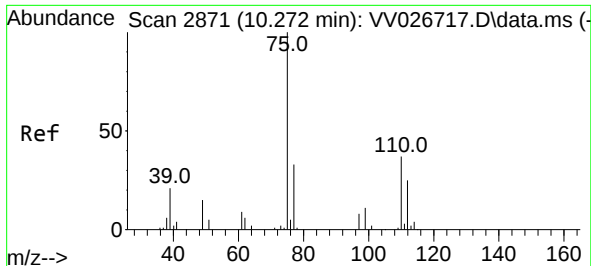
Ion Ratio Lower Upper

112 100

114 20.4 22.7 42.1#

77 64.0 46.6 70.0

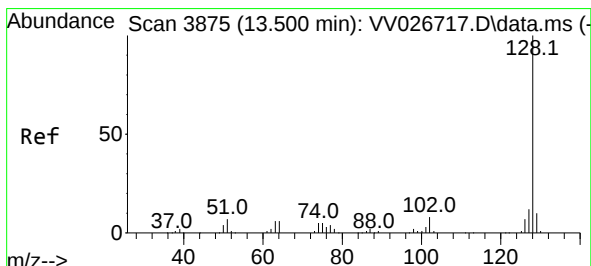
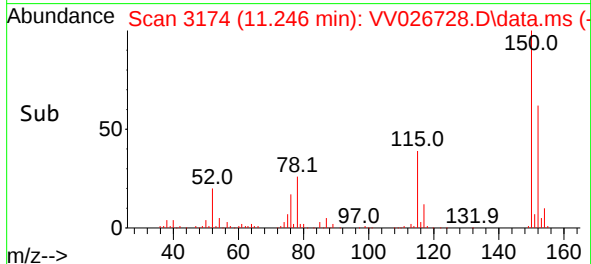
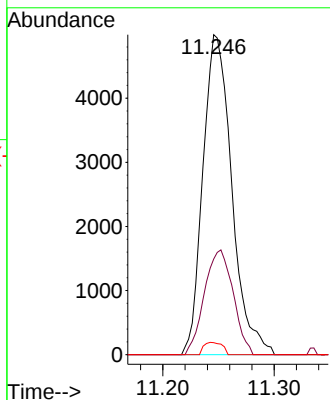
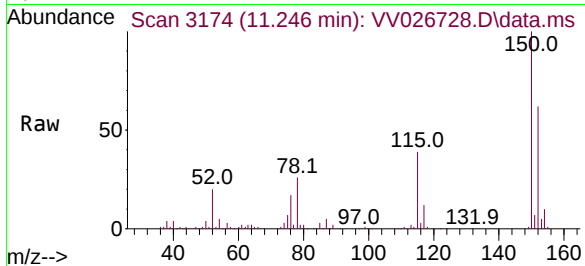




#61
1,2,3-Trichloropropane
Concen: 1.423 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026728.D
Acq: 12 Jul 2022 15:47

Instrument :
MSVOA_V
ClientSampleId :
DBUB0DL

Tgt Ion: 75 Resp: 8995
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
110 2.4 31.8 47.6#



#71
Naphthalene
Concen: 0.085 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.009 min
Lab File: VV026728.D
Acq: 12 Jul 2022 15:47

Tgt Ion: 128 Resp: 1584
Ion Ratio Lower Upper
128 100
129 5.8 8.4 12.6#
127 12.5 10.7 16.1

