

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026558.D
 Acq On : 24 Jun 2022 16:17
 Operator : SY/MD
 Sample : N3401-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

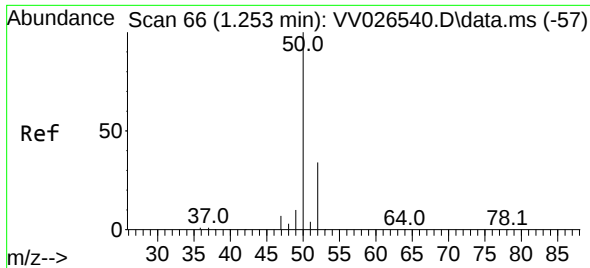
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Jun 25 02:36:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 02:21:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.626	114	237711	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	216244	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93035	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	71643	3.748	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.581	69	65065	4.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.121	63	101203	2.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.600%#
20) 2-Butanone-d5	3.909	46	110691	58.240	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.480%
24) Chloroform-d	4.362	84	132024	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.044	65	55876	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.060	84	276850	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.076	67	80821	4.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.320	98	231060	4.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.629	79	20779	4.706	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.092	63	79166	47.077	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51206	4.583	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	73356	4.765	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	994	0.050	ug/L	85
8) Chloroethane	1.465	64	254467	17.752	ug/L #	55
16) Methylene chloride	2.523	84	3766	0.221	ug/L	95
27) 1,2-Dichloroethane	5.060	62	1347	0.096	ug/L #	72
35) Methylcyclohexane	6.076	83	20106	0.819	ug/L #	21
37) 1,2-Dichloropropane	6.076	63	8096	0.532	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	1558	0.102	ug/L #	64
44) trans-1,3-Dichloropropene	7.629	75	839	0.074	ug/L	87
61) 1,2,3-Trichloropropane	11.246	75	10478	1.739	ug/L #	65
71) Naphthalene	13.516	128	1740	0.094	ug/L #	81

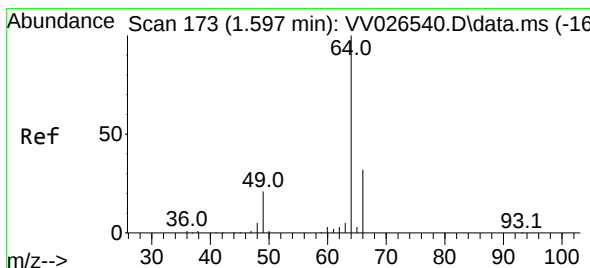
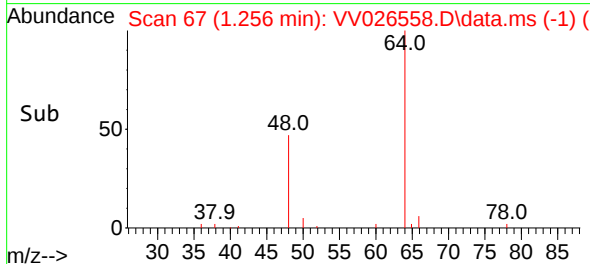
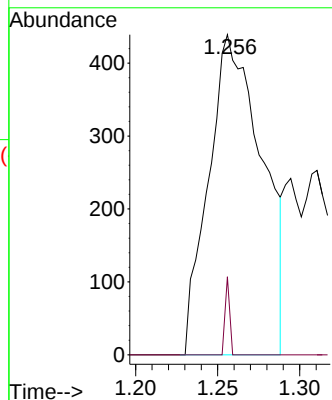
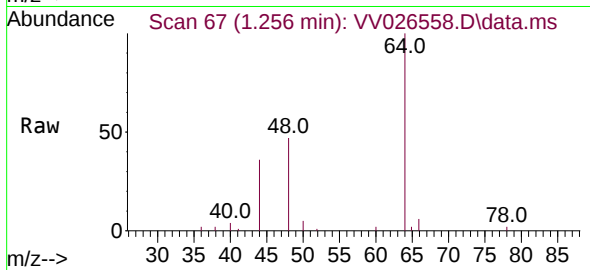
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.050 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026558.D
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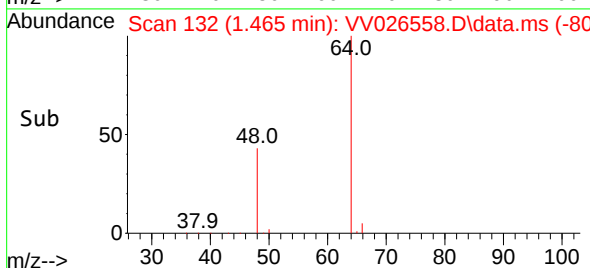
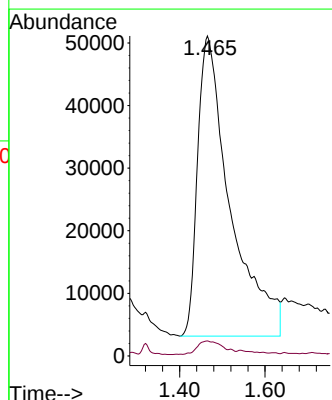
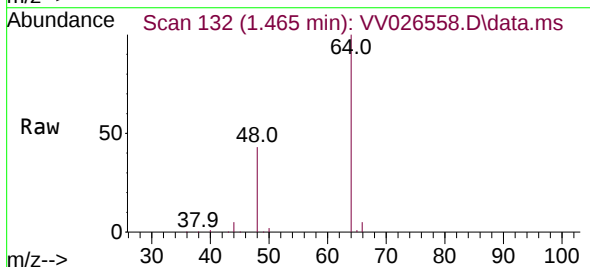
Instrument :
MSVOA_V
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VHBLK001

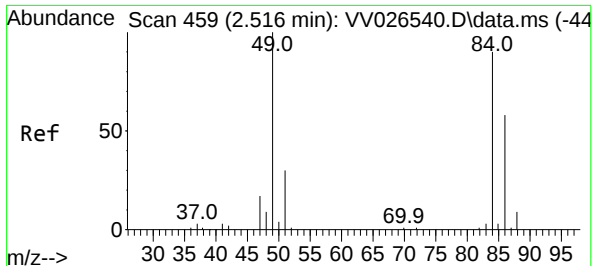
Tgt Ion: 50 Resp: 994
Ion Ratio Lower Upper
50 100
52 24.4 23.0 42.6



#8
Chloroethane
Concen: 17.752 ug/L
RT: 1.465 min Scan# 132
Delta R.T. -0.132 min
Lab File: VV026558.D
Acq: 24 Jun 2022 16:17

Tgt Ion: 64 Resp: 254467
Ion Ratio Lower Upper
64 100
66 4.7 20.0 37.2#

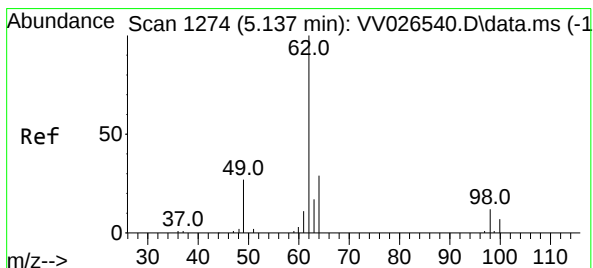
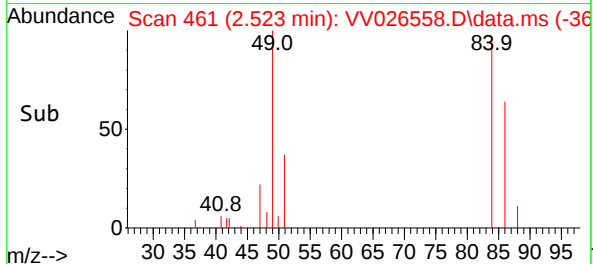
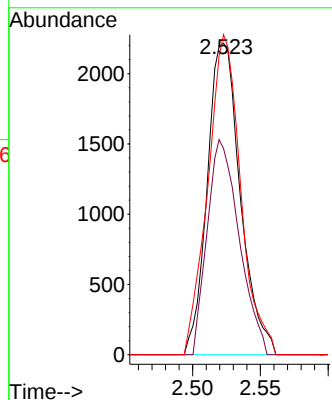
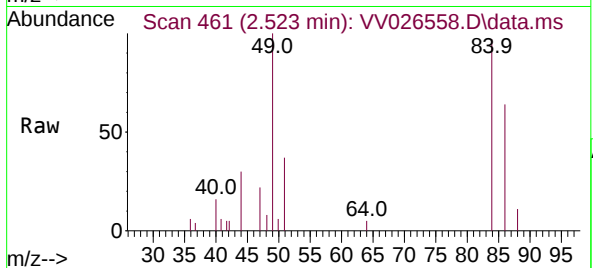




#16
Methylene chloride
Concen: 0.221 ug/L
RT: 2.523 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV026558.D
Acq: 24 Jun 2022 16:17

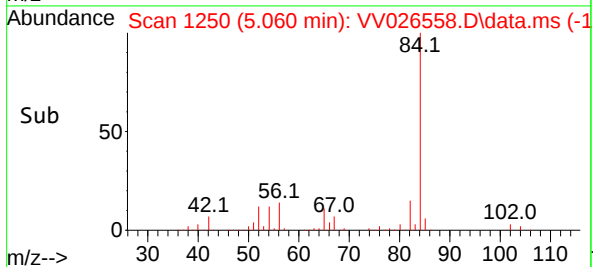
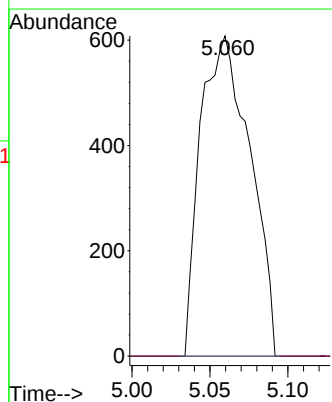
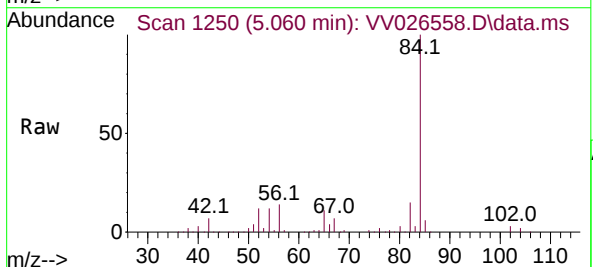
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

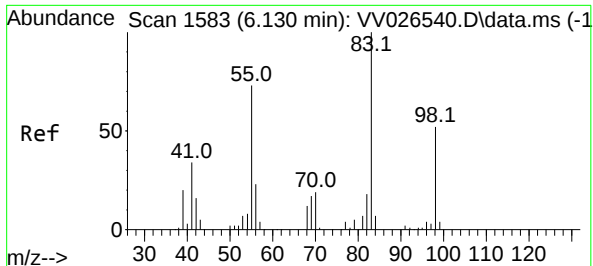
Tgt Ion: 84 Resp: 3766
Ion Ratio Lower Upper
84 100
86 66.1 46.0 85.4
49 102.7 77.7 144.3



#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 5.060 min Scan# 1250
Delta R.T. -0.077 min
Lab File: VV026558.D
Acq: 24 Jun 2022 16:17

Tgt Ion: 62 Resp: 1347
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#





#35

Methylcyclohexane

Concen: 0.819 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.055 min

Lab File: VV026558.D

Acq: 24 Jun 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

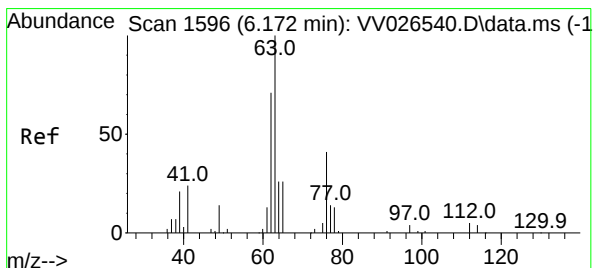
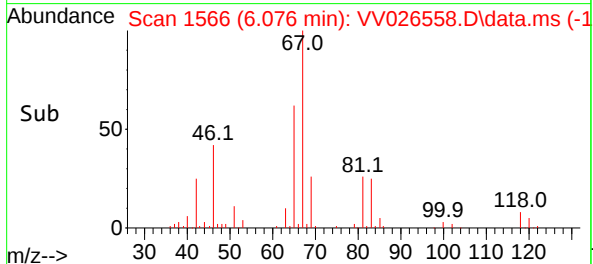
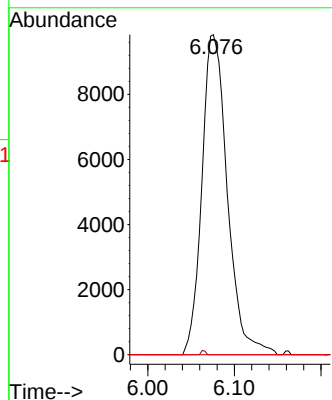
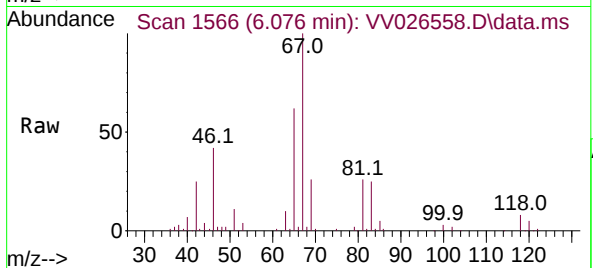
Tgt Ion: 83 Resp: 20106

Ion Ratio Lower Upper

83 100

55 0.2 57.0 85.4#

98 1.9 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 0.532 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.096 min

Lab File: VV026558.D

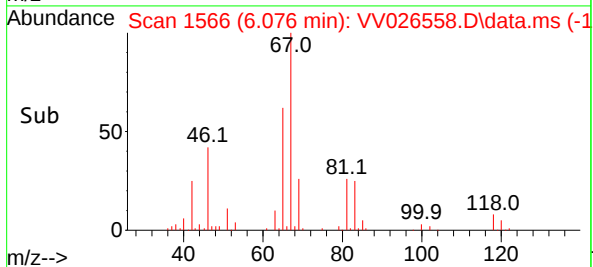
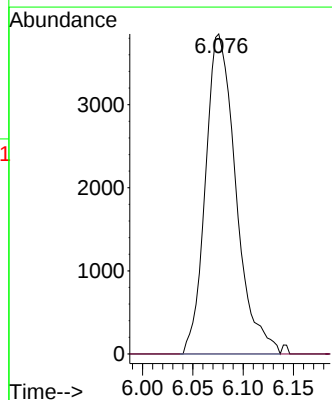
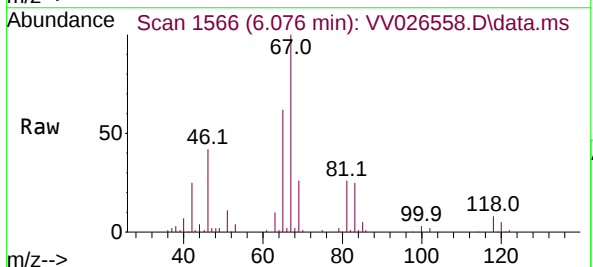
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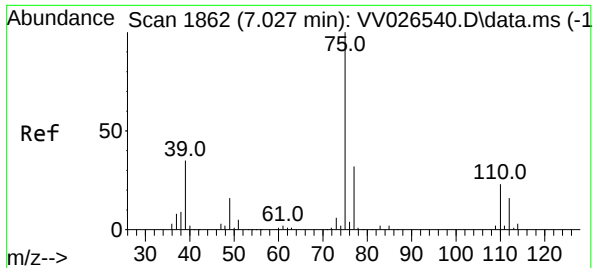
Tgt Ion: 63 Resp: 8096

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV026558.D

Acq: 24 Jun 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

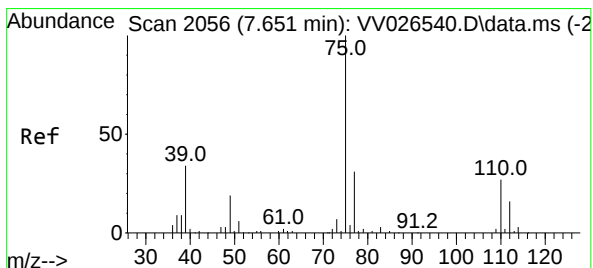
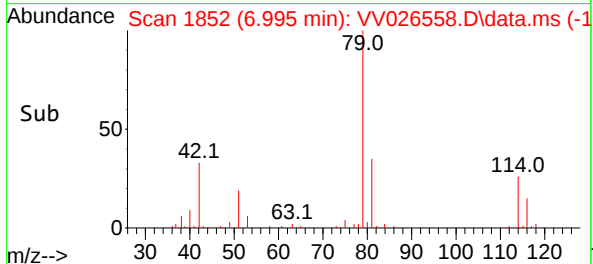
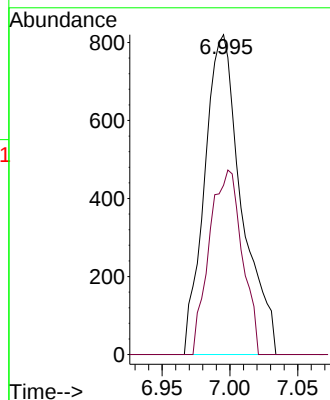
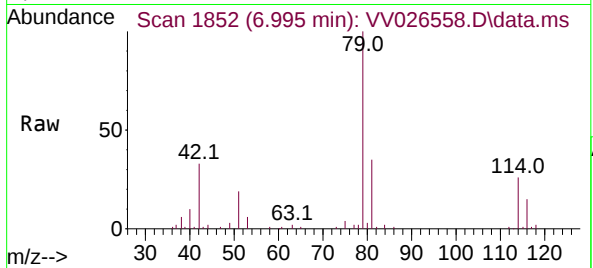
VHBLK001

Tgt Ion: 75 Resp: 1558

Ion Ratio Lower Upper

75 100

77 52.9 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.629 min Scan# 2049

Delta R.T. -0.022 min

Lab File: VV026558.D

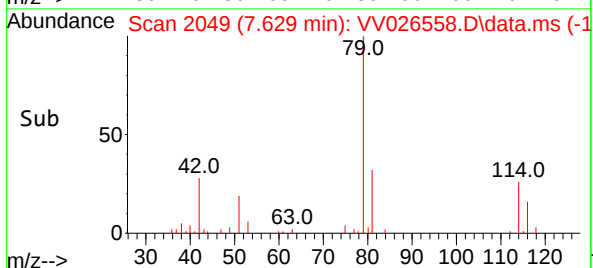
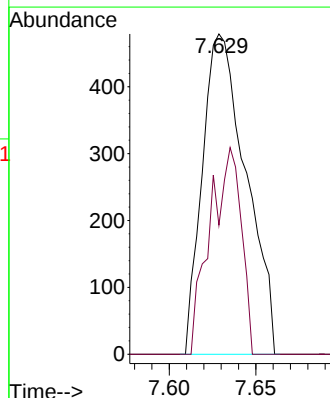
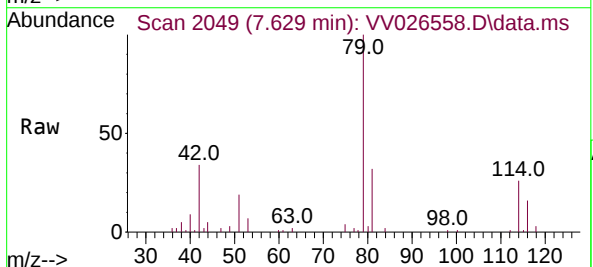
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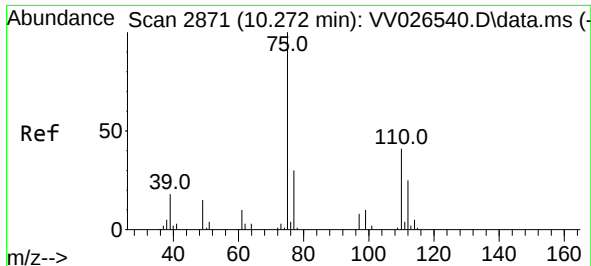
Tgt Ion: 75 Resp: 839

Ion Ratio Lower Upper

75 100

77 40.3 23.1 42.9

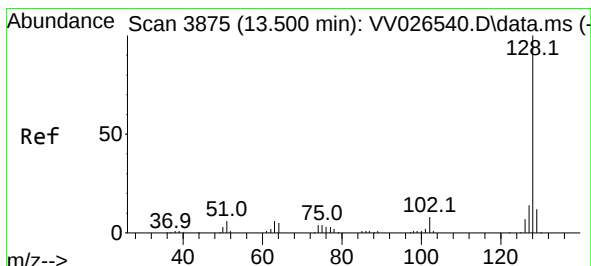
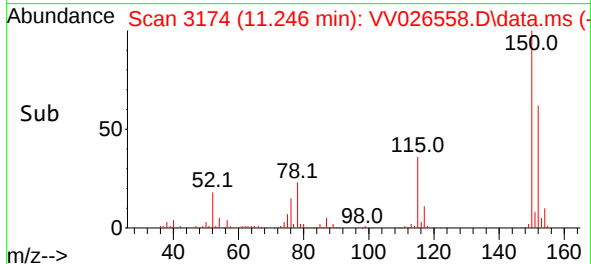
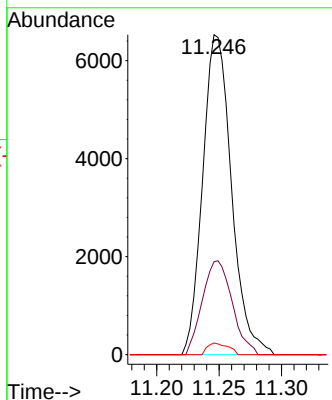
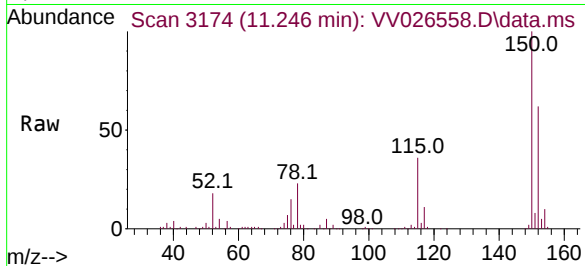




#61
1,2,3-Trichloropropane
Concen: 1.739 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026558.D
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Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Tgt Ion: 75 Resp: 10478
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.6
110 2.6 32.5 48.7#



#71
Naphthalene
Concen: 0.094 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.016 min
Lab File: VV026558.D
Acq: 24 Jun 2022 16:17

Tgt Ion: 128 Resp: 1740
Ion Ratio Lower Upper
128 100
129 6.6 8.6 12.8#
127 2.4 10.2 15.4#

