

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102721\
 Data File : VV023074.D
 Acq On : 27 Oct 2021 21:34
 Operator : SY/MD
 Sample : M4364-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005327

Quant Time: Oct 28 01:50:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 01:43:46 2021
 Response via : Initial Calibration

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

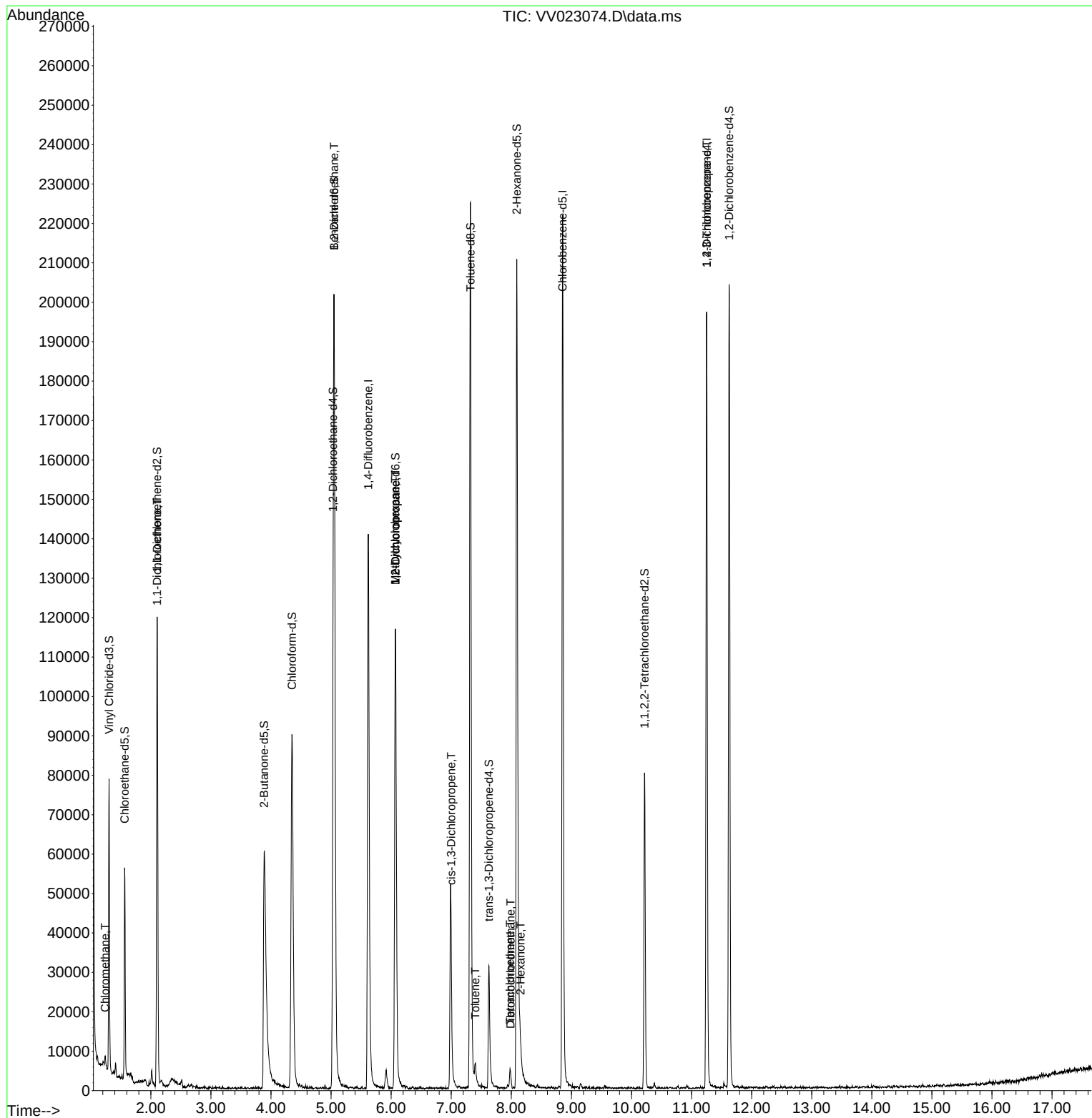
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126312	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	52429	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44697	4.050	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.565	69	32106	4.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.105	63	59308	3.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.886	46	103380	58.388	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.780%
24) Chloroform-d	4.349	84	94408	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.034	65	43922	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.050	84	186684	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.072	67	58430	5.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.320	98	154481	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.625	79	18366	4.658	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.092	63	67951	46.550	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38406	4.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	54641	5.841	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	1455	0.168	ug/L	94
12) 1,1-Dichloroethene	2.102	96	574	0.089	ug/L #	1
27) 1,2-Dichloroethane	5.050	62	1016	0.115	ug/L #	72
35) Methylcyclohexane	6.069	83	13935	1.150	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6110	0.719	ug/L #	83
39) cis-1,3-Dichloropropene	6.998	75	1375	0.130	ug/L #	76
42) Toluene	7.400	91	3850	0.113	ug/L	96
47) Tetrachloroethene	7.979	164	1121	0.157	ug/L	87
48) 2-Hexanone	8.153	43	7011	2.362	ug/L #	81
49) Dibromochloromethane	7.989	129	635	0.090	ug/L #	10
61) 1,2,3-Trichloropropane	11.252	75	6116	1.657	ug/L #	65

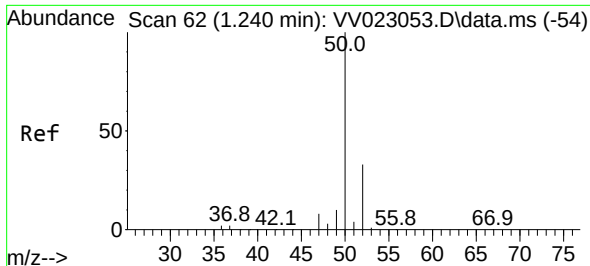
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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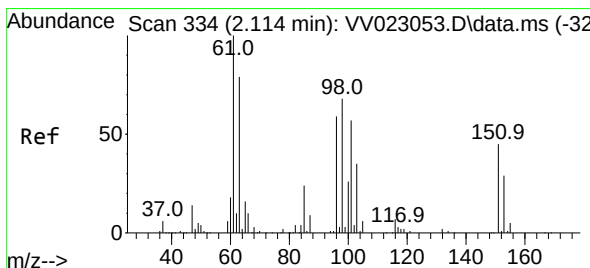
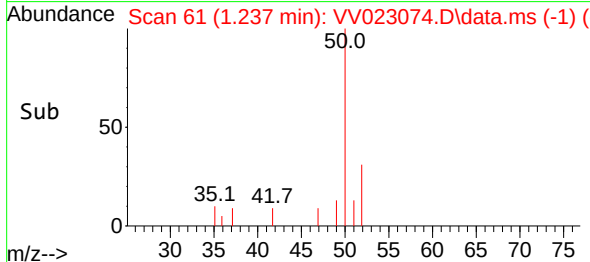
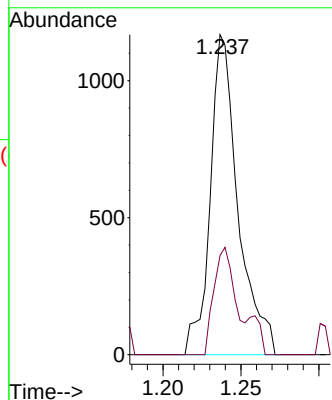
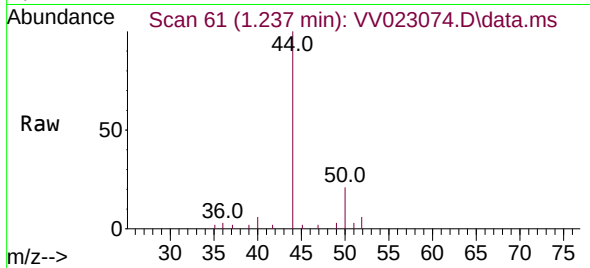




#3
Chloromethane
Concen: 0.168 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV023074.D
Acq: 27 Oct 2021 21:34

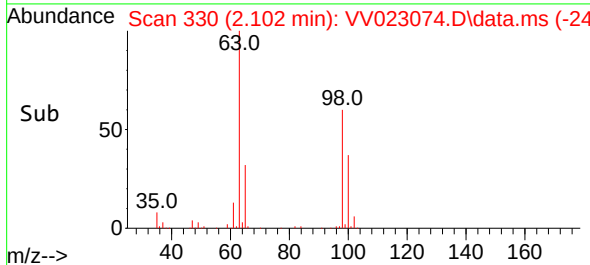
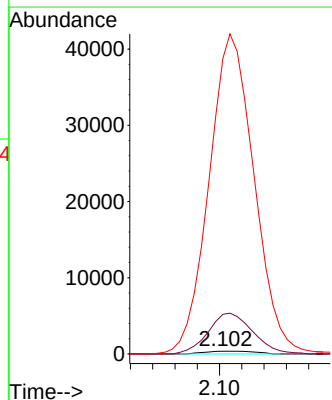
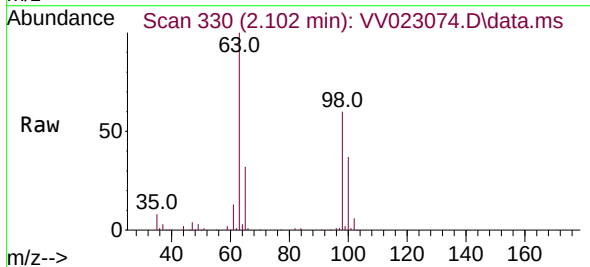
Instrument :
MSVOA_V
ClientSampleId :
VSTD005327

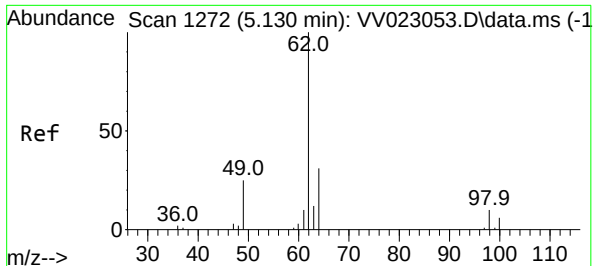
Tgt Ion: 50 Resp: 1455
Ion Ratio Lower Upper
50 100
52 31.0 24.3 45.1



#12
1,1-Dichloroethene
Concen: 0.089 ug/L
RT: 2.102 min Scan# 330
Delta R.T. -0.013 min
Lab File: VV023074.D
Acq: 27 Oct 2021 21:34

Tgt Ion: 96 Resp: 574
Ion Ratio Lower Upper
96 100
61 1421.3 121.5 225.7#
63 10601.1 99.6 185.0#





#27

1,2-Dichloroethane

Concen: 0.115 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV023074.D

Acq: 27 Oct 2021 21:34

Instrument :

MSVOA_V

ClientSampleId :

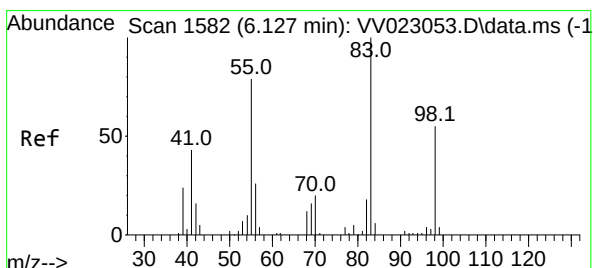
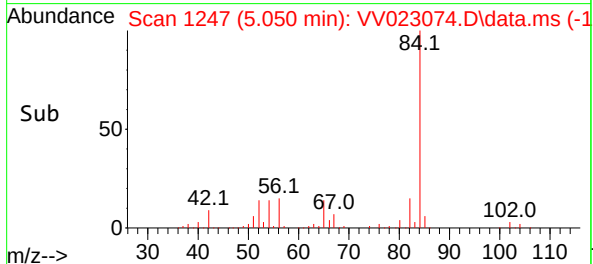
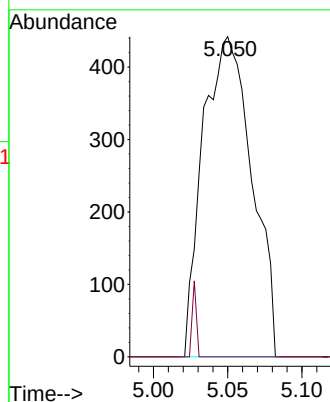
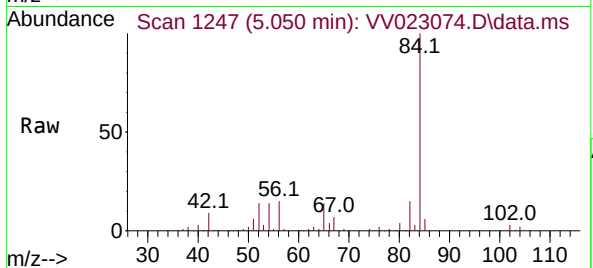
VSTD005327

Tgt Ion: 62 Resp: 1016

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#35

Methylcyclohexane

Concen: 1.150 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV023074.D

Acq: 27 Oct 2021 21:34

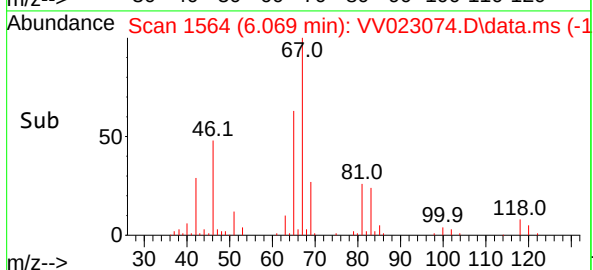
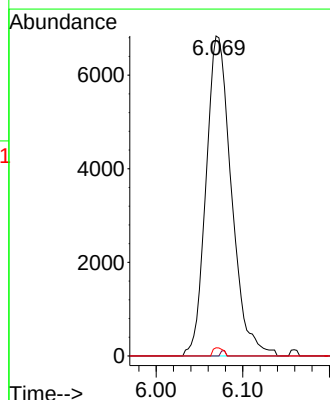
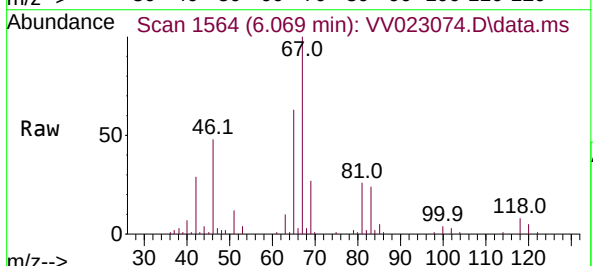
Tgt Ion: 83 Resp: 13935

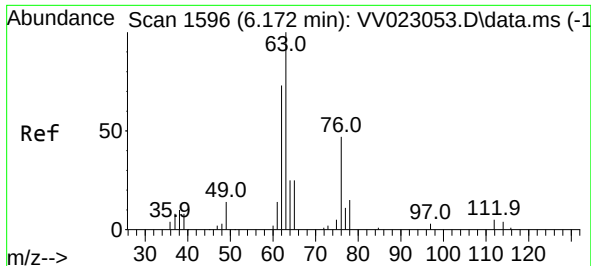
Ion Ratio Lower Upper

83 100

55 0.3 62.8 94.2#

98 1.0 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.719 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023074.D

Acq: 27 Oct 2021 21:34

Instrument :

MSVOA_V

ClientSampleId :

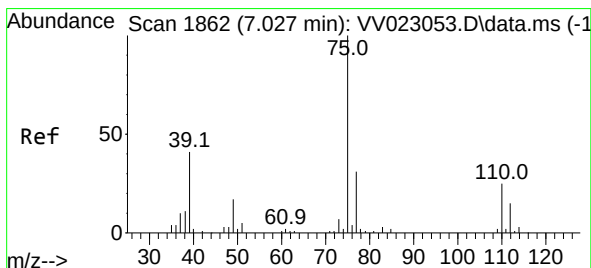
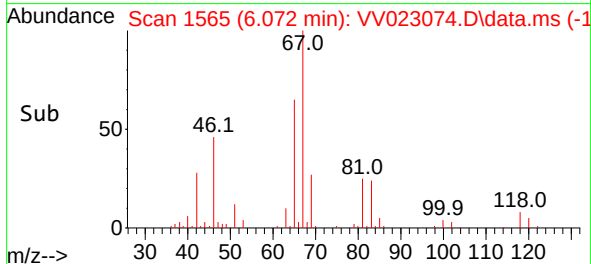
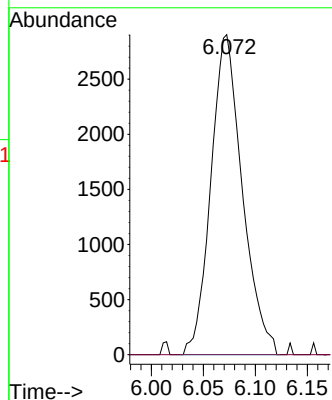
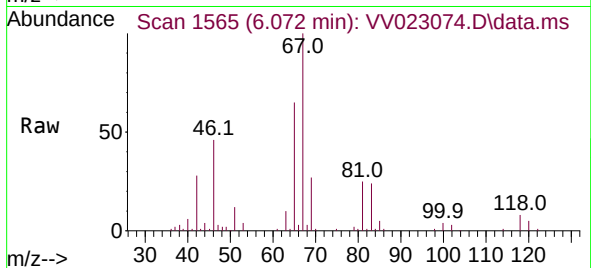
VSTD005327

Tgt Ion: 63 Resp: 6110

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.130 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.029 min

Lab File: VV023074.D

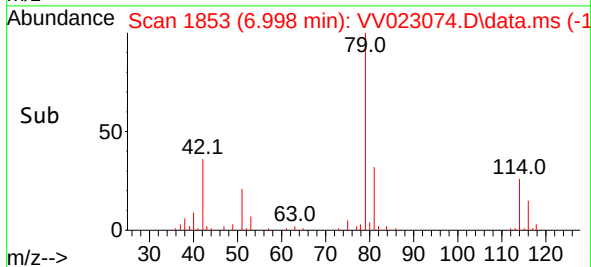
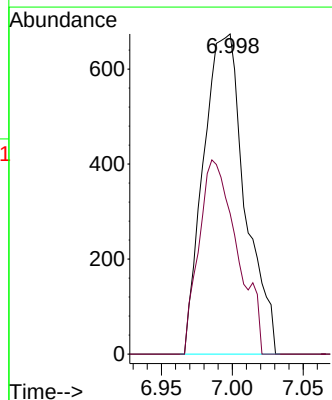
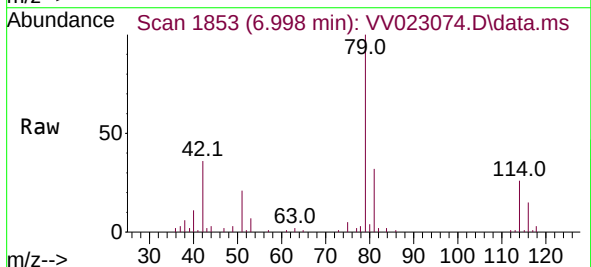
Acq: 27 Oct 2021 21:34

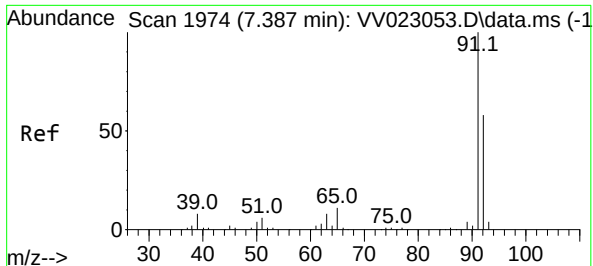
Tgt Ion: 75 Resp: 1375

Ion Ratio Lower Upper

75 100

77 43.9 21.6 40.2#





#42

Toluene

Concen: 0.113 ug/L

RT: 7.400 min Scan# 1974

Delta R.T. 0.013 min

Lab File: VV023074.D

Acq: 27 Oct 2021 21:34

Instrument :

MSVOA_V

ClientSampleId :

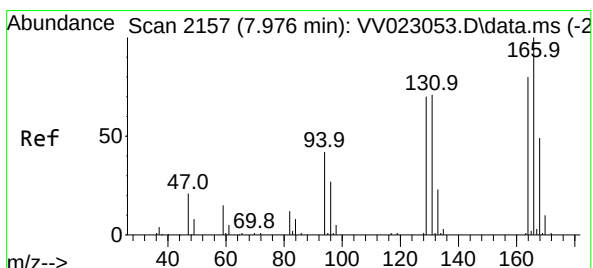
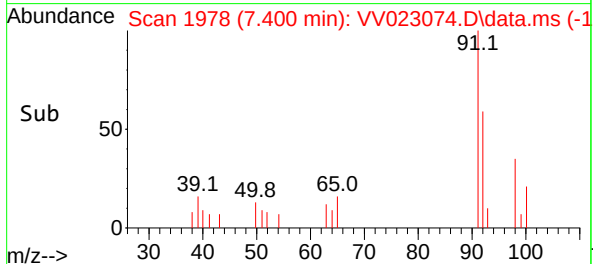
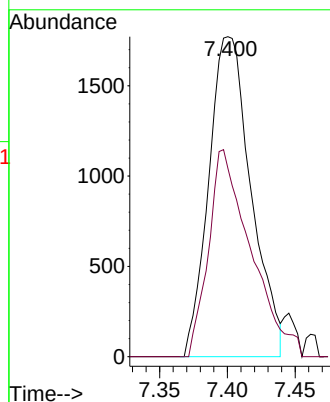
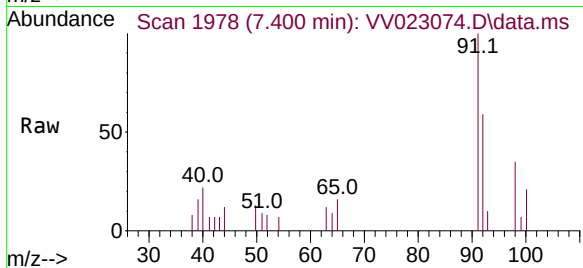
VSTD005327

Tgt Ion: 91 Resp: 3850

Ion Ratio Lower Upper

91 100

92 58.9 39.3 72.9



#47

Tetrachloroethene

Concen: 0.157 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023074.D

Acq: 27 Oct 2021 21:34

Tgt Ion: 164 Resp: 1121

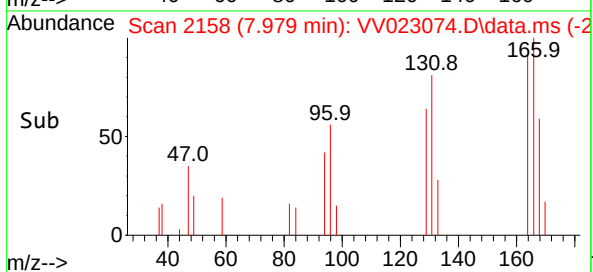
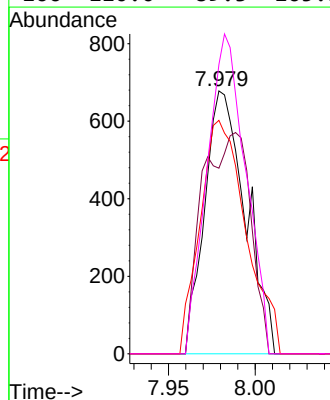
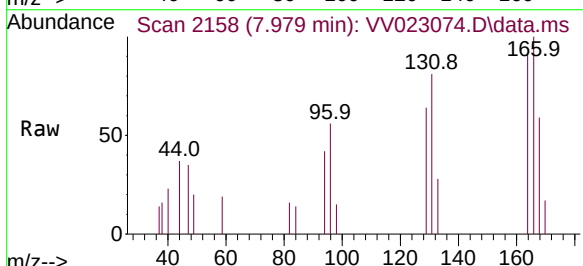
Ion Ratio Lower Upper

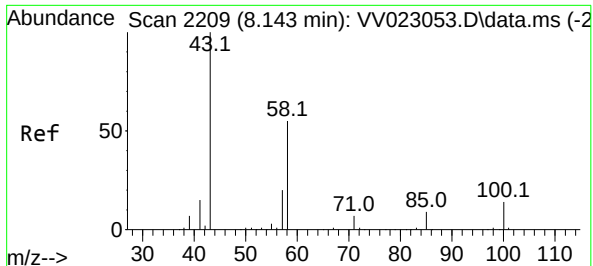
164 100

129 70.6 64.0 119.0

131 88.8 63.4 117.8

166 110.0 89.3 165.9





#48

2-Hexanone

Concen: 2.362 ug/L

RT: 8.153 min Scan# 2111

Delta R.T. 0.010 min

Lab File: VV023074.D

Acq: 27 Oct 2021 21:34

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VSTD005327

Tgt Ion: 43 Resp: 7011

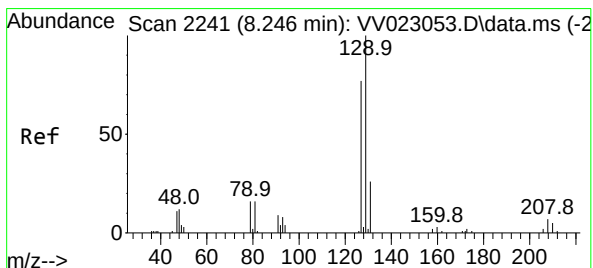
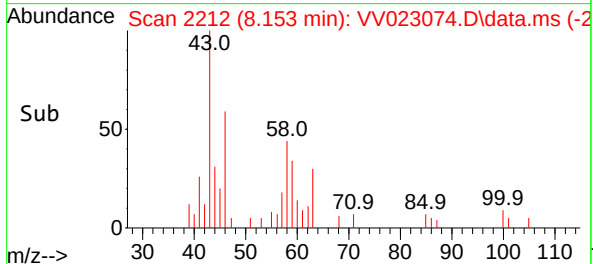
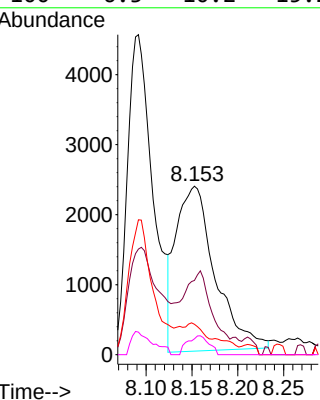
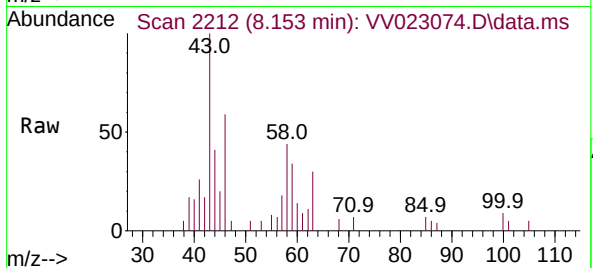
Ion Ratio Lower Upper

43 100

58 39.0 43.7 65.5#

57 13.1 14.1 21.1#

100 6.3 10.2 15.2#



#49

Dibromochloromethane

Concen: 0.090 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. -0.257 min

Lab File: VV023074.D

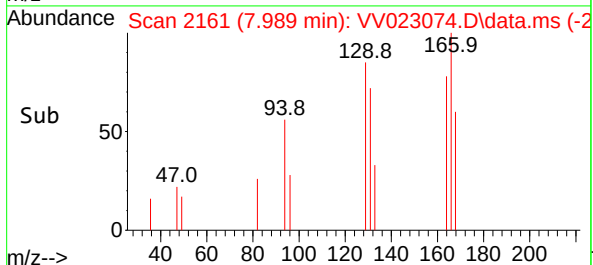
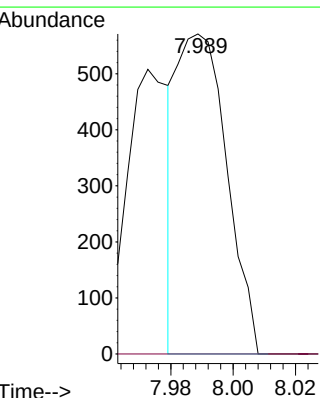
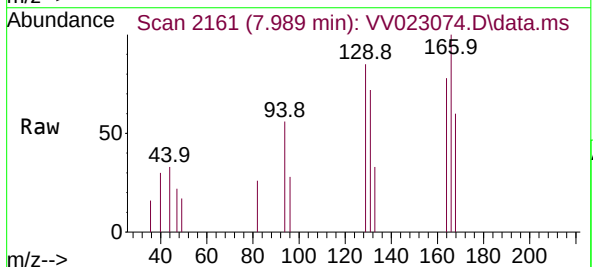
Acq: 27 Oct 2021 21:34

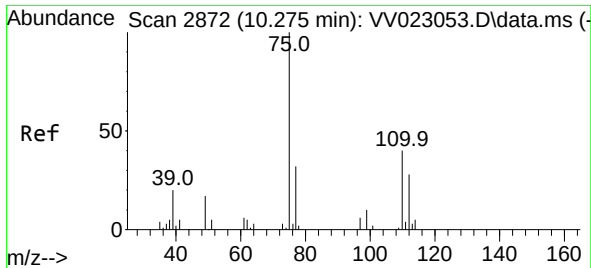
Tgt Ion: 129 Resp: 635

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.657 ug/L
 RT: 11.252 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV023074.D
 Acq: 27 Oct 2021 21:34

Instrument :
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 ClientSampleId :
 VSTD005327

Tgt Ion: 75 Resp: 6116
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.6 39.8
 110 1.6 31.8 47.6#

