

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023589.D
 Acq On : 17 Nov 2021 22:58
 Operator : SY/MD
 Sample : M4627-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4648

Quant Time: Nov 18 00:26:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137052	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42628	4.965	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.568	69	32237	4.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.108	63	58600	3.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.889	46	66162	44.729	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.460%
24) Chloroform-d	4.349	84	71076	3.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
26) 1,2-Dichloroethane-d4	5.037	65	34350	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	5.050	84	142131	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.072	67	41020	4.150	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.317	98	124931	3.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.625	79	14331	3.823	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.091	63	49645	35.997	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25918	3.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	46223	4.459	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	44159	3.891	ug/L	99
12) 1,1-Dichloroethene	2.117	96	2554	0.312	ug/L #	1
15) Methyl Acetate	2.500	43	1027	0.401	ug/L #	47
17) Methyl tert-butyl Ether	2.767	73	224245	12.465	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	22608	2.250	ug/L	98
19) 1,1-Dichloroethane	3.191	63	15112	0.891	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	539734	55.821	ug/L #	93
33) Benzene	5.108	78	9693	0.265	ug/L	100
34) Trichloroethene	5.912	95	836709	86.010	ug/L	99
35) Methylcyclohexane	6.069	83	10304	0.671	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	4740	0.555	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1137	0.093	ug/L	87
42) Toluene	7.397	91	2450	0.063	ug/L	91
47) Tetrachloroethene	7.976	164	23512	2.789	ug/L	98
49) Dibromochloromethane	7.976	129	20251	2.605	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6706	1.621	ug/L #	65

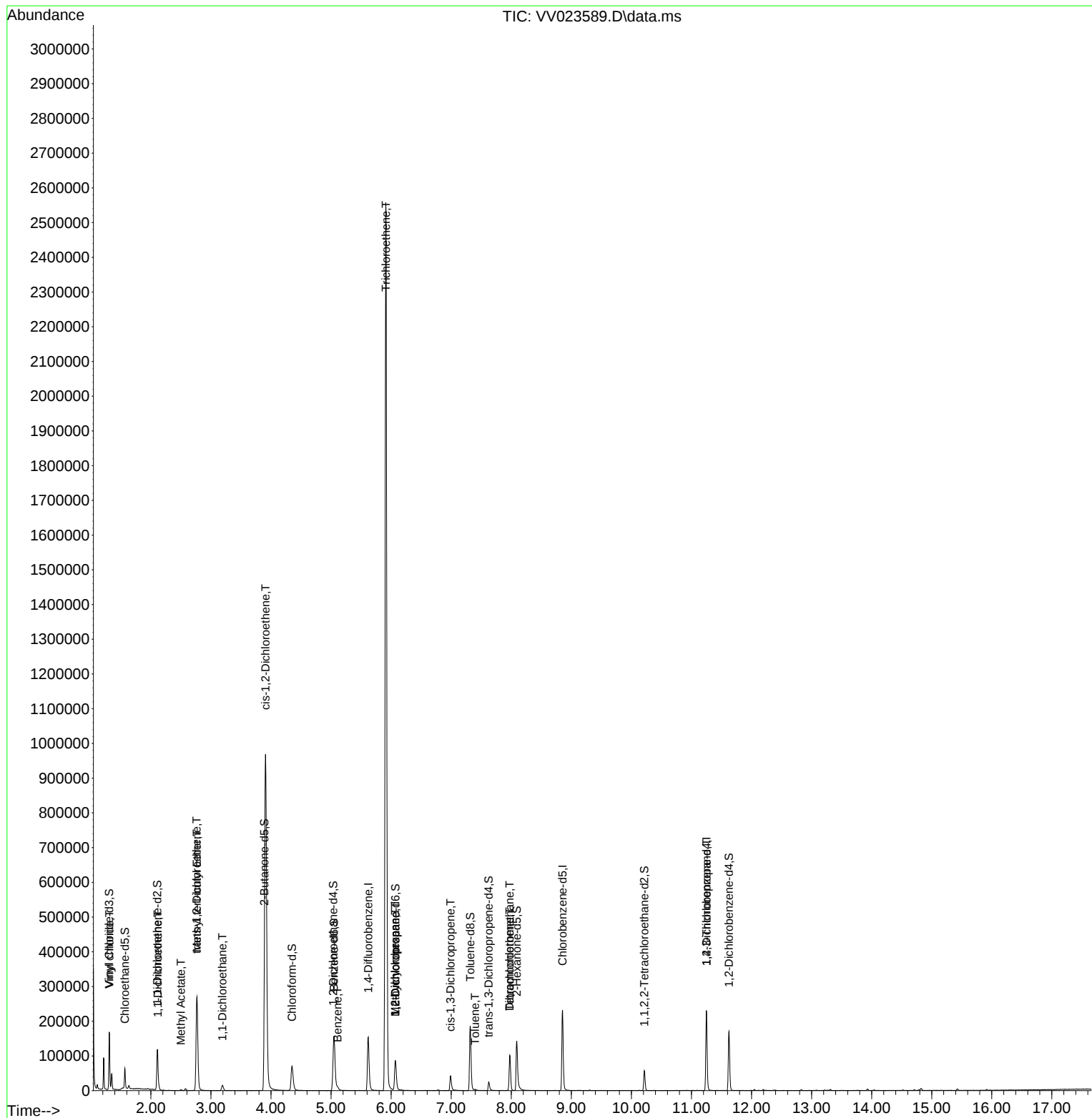
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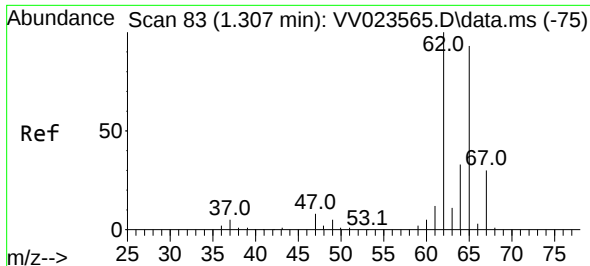
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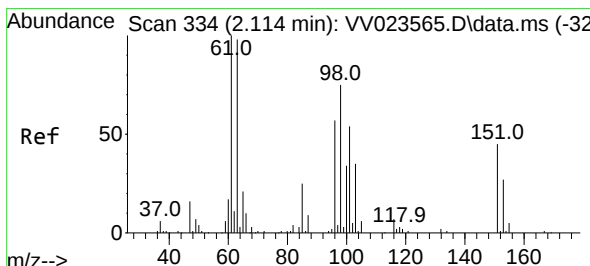
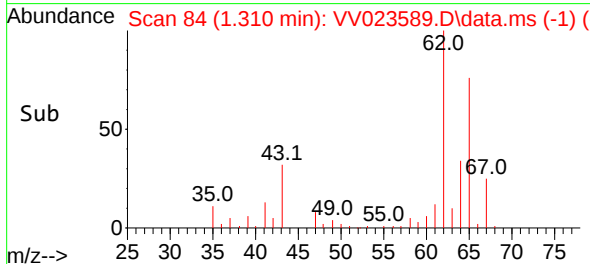
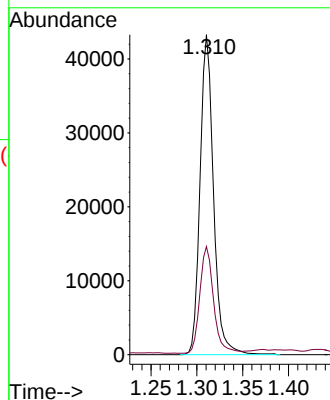
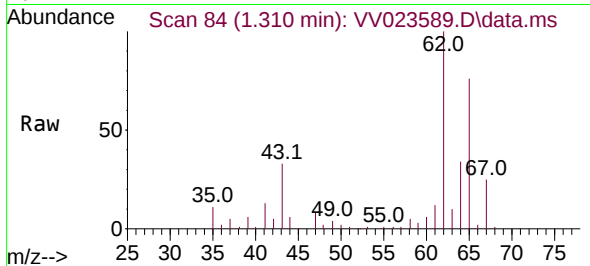




#5
 Vinyl chloride
 Concen: 3.891 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023589.D
 Acq: 17 Nov 2021 22:58

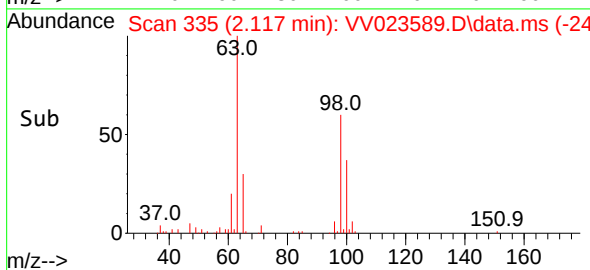
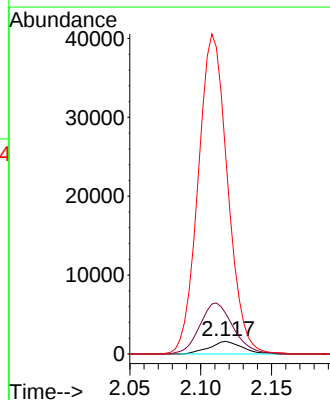
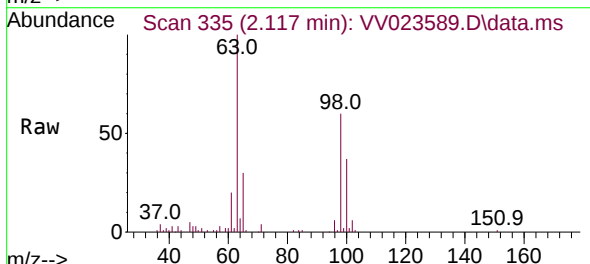
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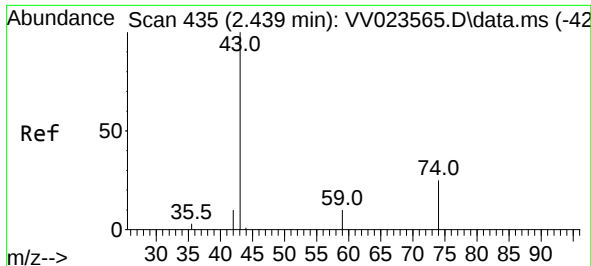
Tgt Ion: 62 Resp: 44159
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.312 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023589.D
 Acq: 17 Nov 2021 22:58

Tgt Ion: 96 Resp: 2554
 Ion Ratio Lower Upper
 96 100
 61 321.4 121.5 225.7#
 63 1587.1 99.6 185.0#

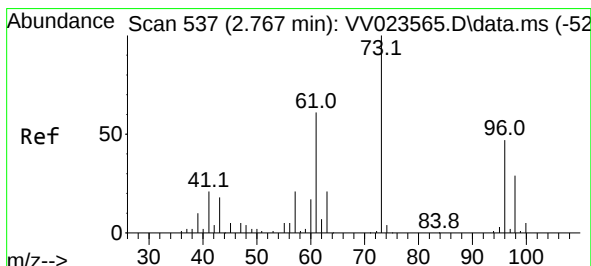
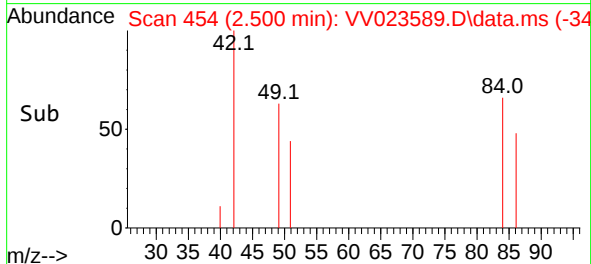
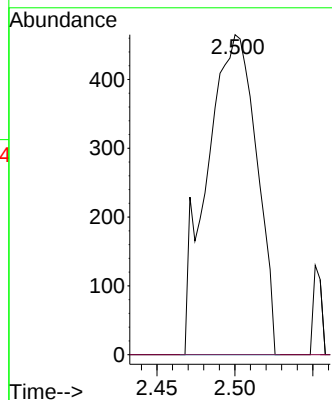
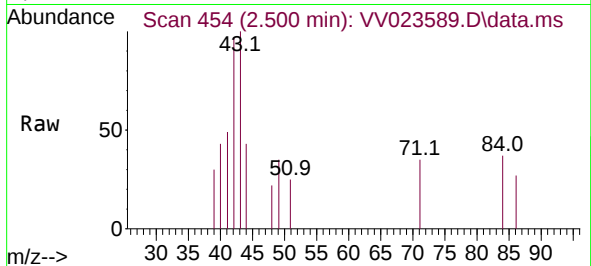




#15
Methyl Acetate
Concen: 0.401 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.061 min
Lab File: VV023589.D
Acq: 17 Nov 2021 22:58

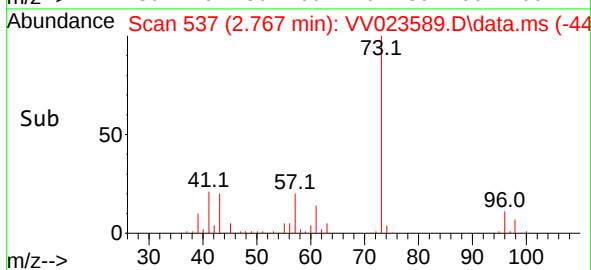
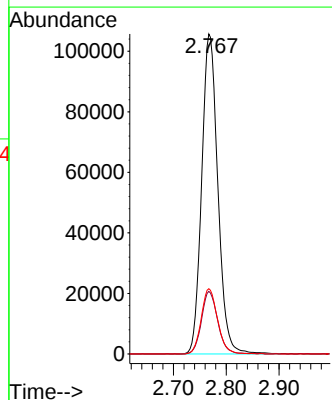
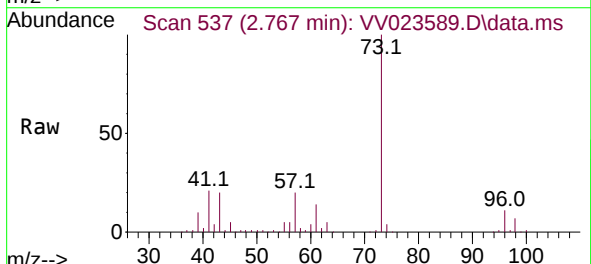
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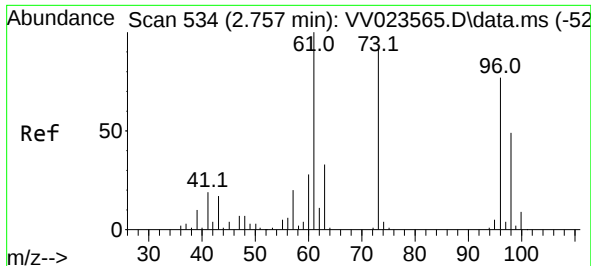
Tgt Ion: 43 Resp: 1027
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#17
Methyl tert-butyl Ether
Concen: 12.465 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV023589.D
Acq: 17 Nov 2021 22:58

Tgt Ion: 73 Resp: 224245
Ion Ratio Lower Upper
73 100
43 19.6 17.4 26.0
57 20.6 16.5 24.7

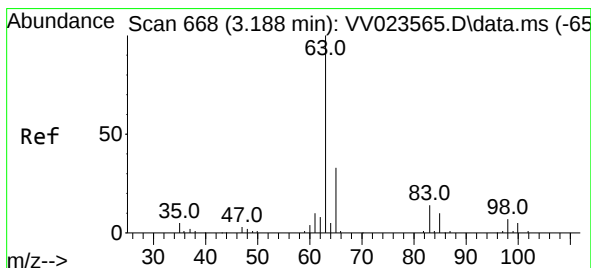
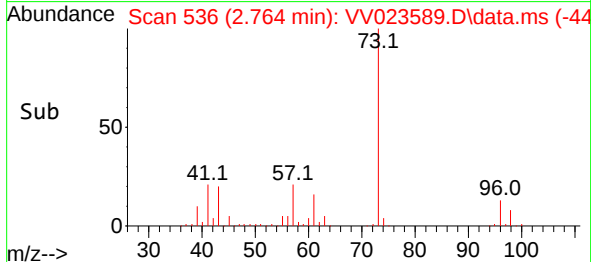
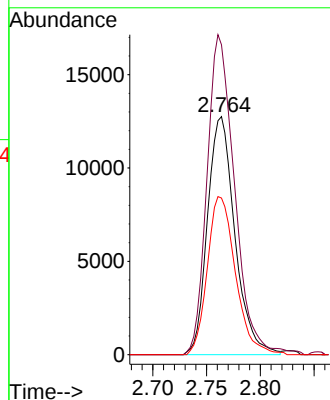
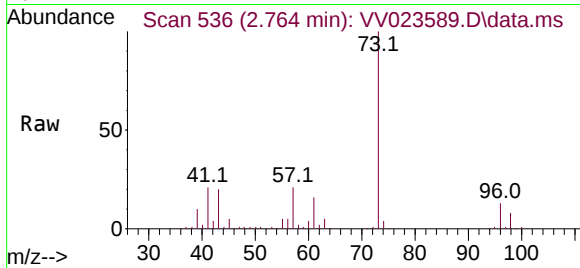




#18
trans-1,2-Dichloroethene
Concen: 2.250 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023589.D
Acq: 17 Nov 2021 22:58

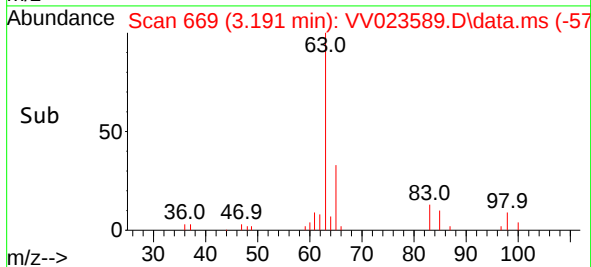
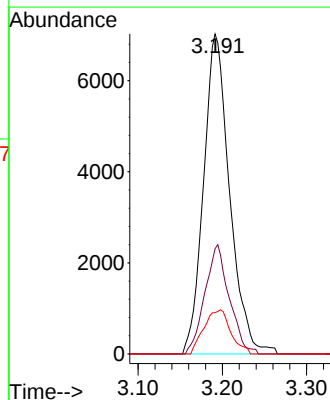
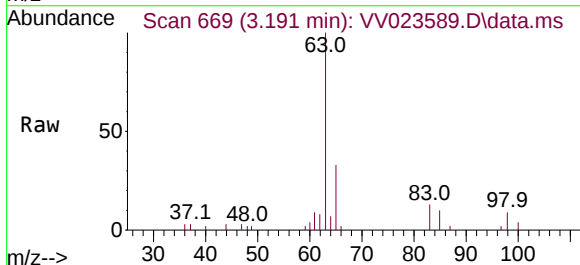
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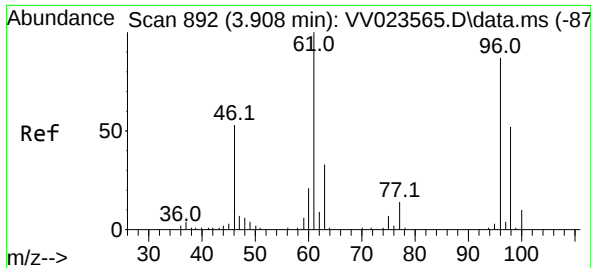
Tgt Ion: 96 Resp: 22608
Ion Ratio Lower Upper
96 100
61 130.2 93.2 173.2
98 65.8 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.891 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023589.D
Acq: 17 Nov 2021 22:58

Tgt Ion: 63 Resp: 15112
Ion Ratio Lower Upper
63 100
65 32.9 22.6 42.0
83 12.9 11.1 20.7

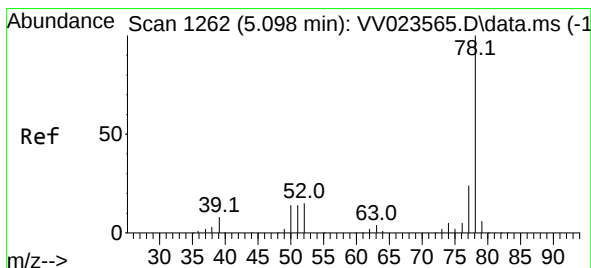
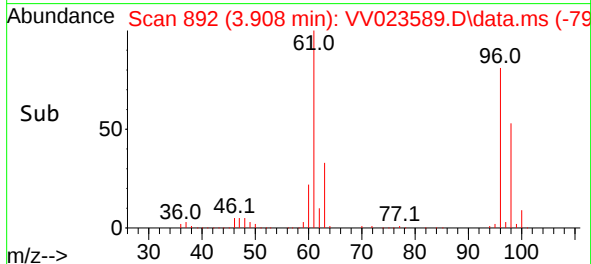
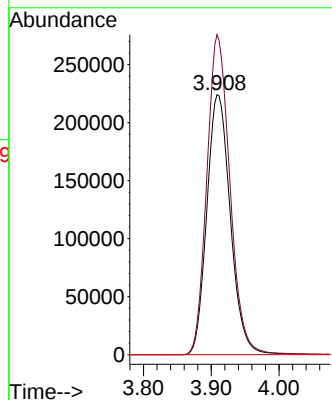
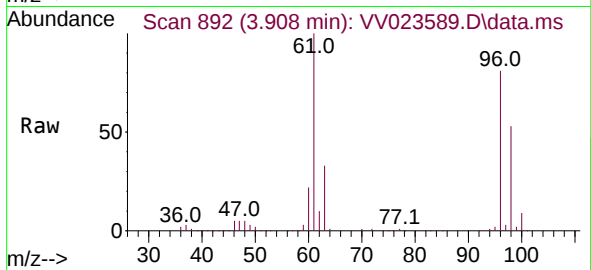




#22
 cis-1,2-Dichloroethene
 Concen: 55.821 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV023589.D
 Acq: 17 Nov 2021 22:58

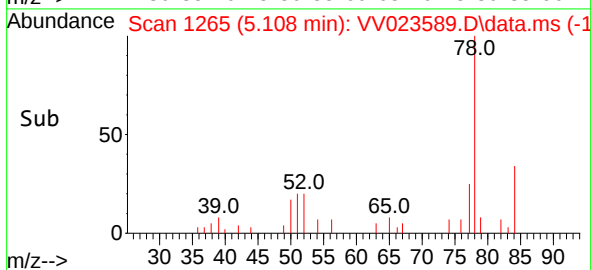
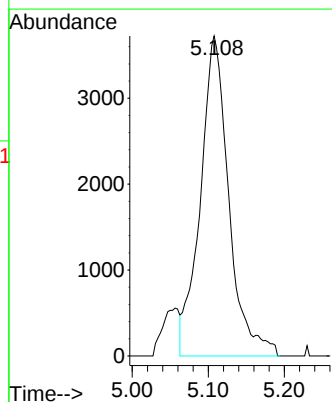
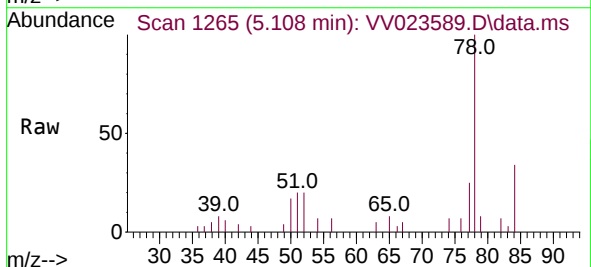
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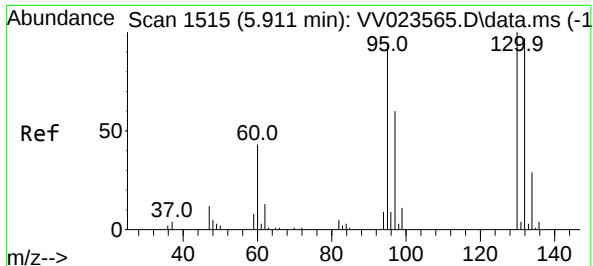
Tgt Ion: 96 Resp: 539734
 Ion Ratio Lower Upper
 96 100
 61 123.0 92.3 171.3
 68 0.0 0.4 0.8#



#33
 Benzene
 Concen: 0.265 ug/L
 RT: 5.108 min Scan# 1265
 Delta R.T. 0.010 min
 Lab File: VV023589.D
 Acq: 17 Nov 2021 22:58

Tgt Ion: 78 Resp: 9693

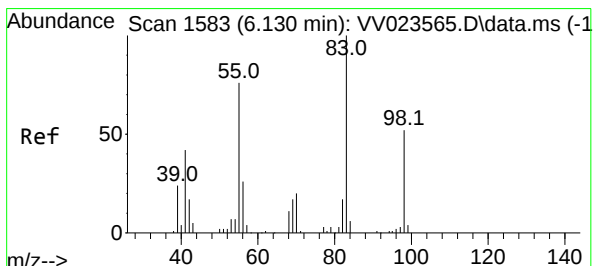
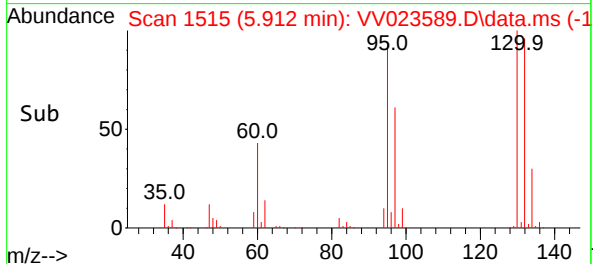
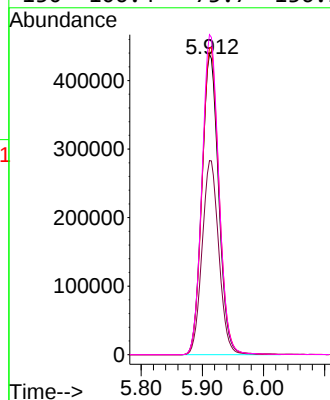
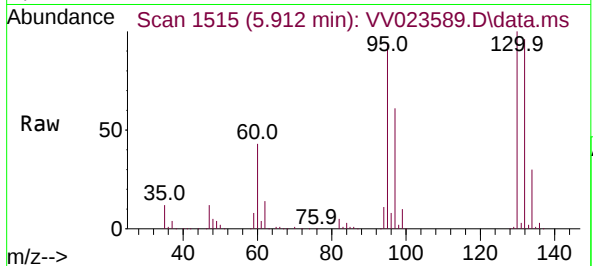




#34
Trichloroethene
Concen: 86.010 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023589.D
Acq: 17 Nov 2021 22:58

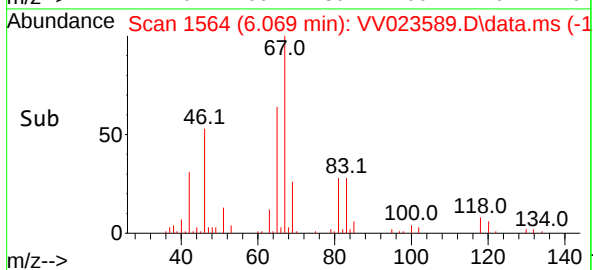
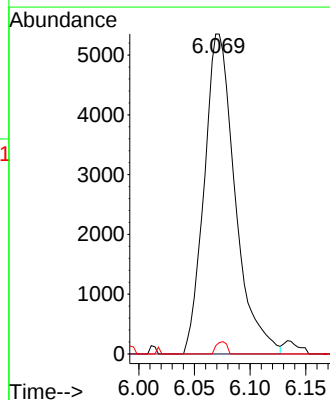
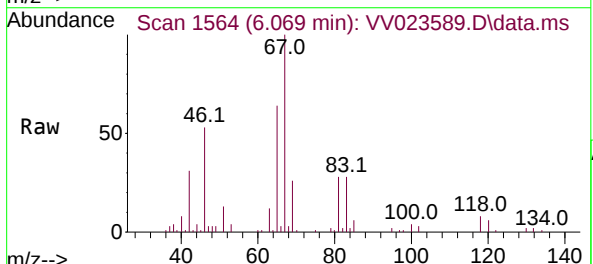
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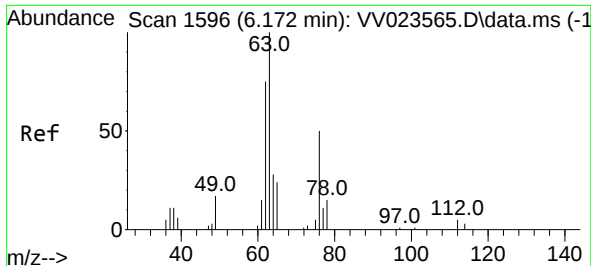
Tgt Ion: 95 Resp: 836709
Ion Ratio Lower Upper
95 100
97 64.6 45.0 83.6
132 102.1 69.7 129.4
130 106.4 73.7 136.9



#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023589.D
Acq: 17 Nov 2021 22:58

Tgt Ion: 83 Resp: 10304
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 0.0 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.555 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023589.D

Acq: 17 Nov 2021 22:58

Instrument :

MSVOA_V

ClientSampleId :

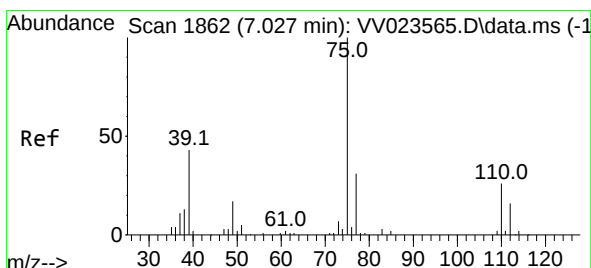
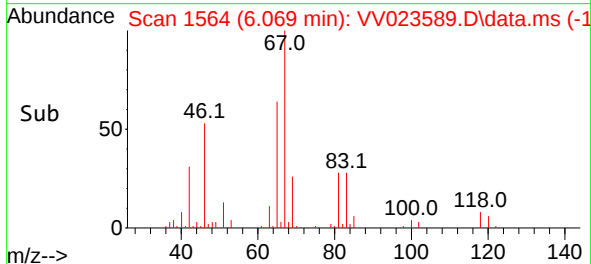
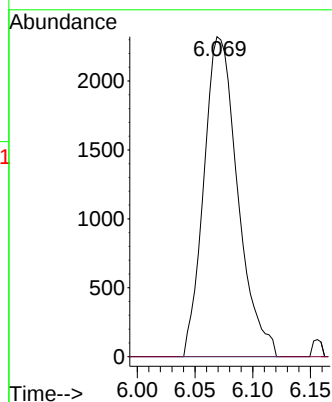
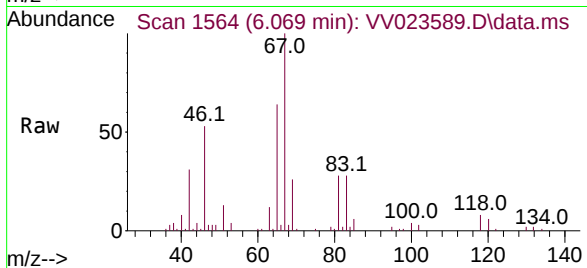
H4648

Tgt Ion: 63 Resp: 4740

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV023589.D

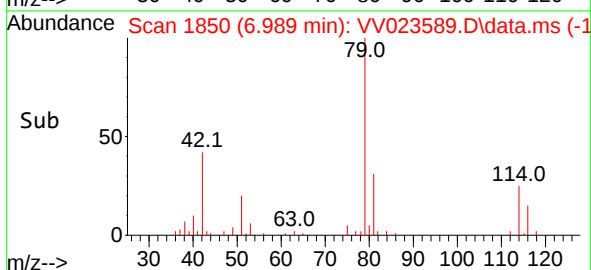
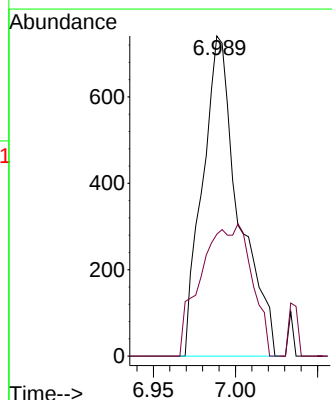
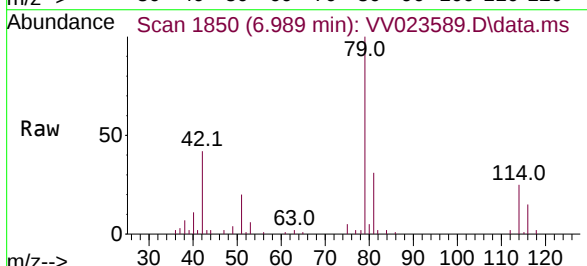
Acq: 17 Nov 2021 22:58

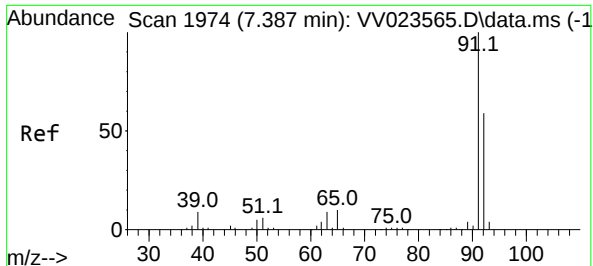
Tgt Ion: 75 Resp: 1137

Ion Ratio Lower Upper

75 100

77 38.1 21.6 40.2





#42

Toluene

Concen: 0.063 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV023589.D

Acq: 17 Nov 2021 22:58

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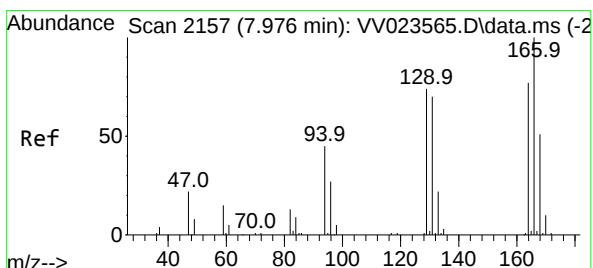
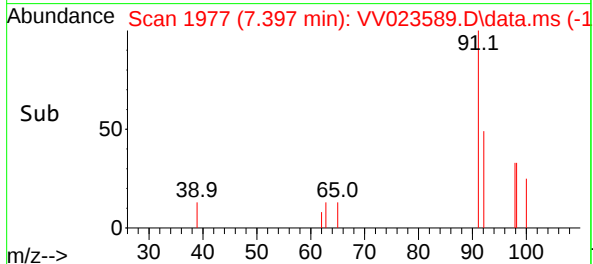
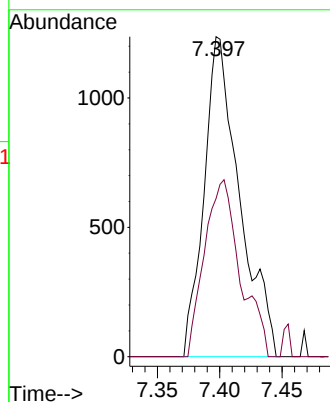
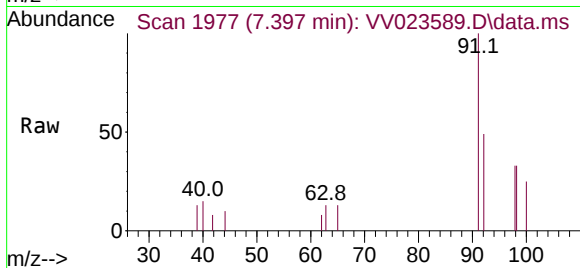
H4648

Tgt Ion: 91 Resp: 2450

Ion Ratio Lower Upper

91 100

92 49.4 39.3 72.9



#47

Tetrachloroethene

Concen: 2.789 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023589.D

Acq: 17 Nov 2021 22:58

Tgt Ion: 164 Resp: 23512

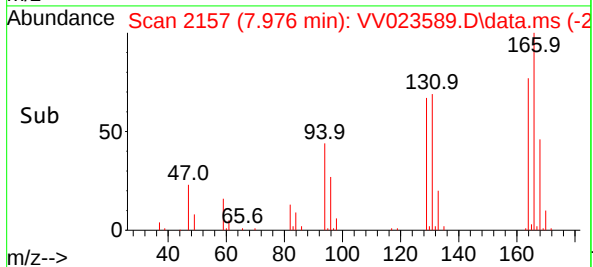
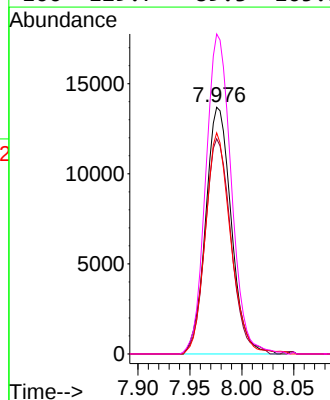
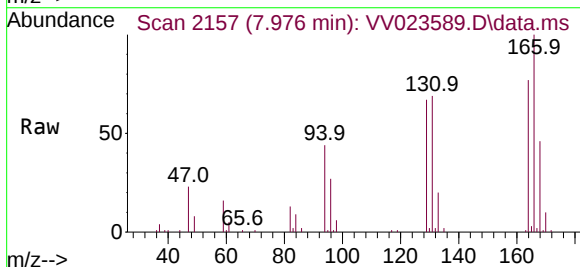
Ion Ratio Lower Upper

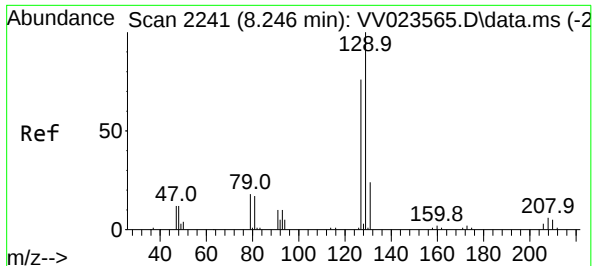
164 100

129 87.2 64.0 119.0

131 89.6 63.4 117.8

166 129.7 89.3 165.9





#49

Dibromochloromethane

Concen: 2.605 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023589.D

Acq: 17 Nov 2021 22:58

Instrument :

MSVOA_V

ClientSampleId :

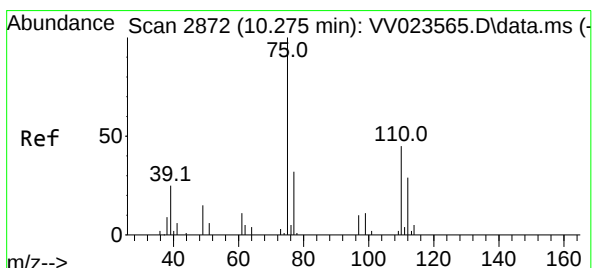
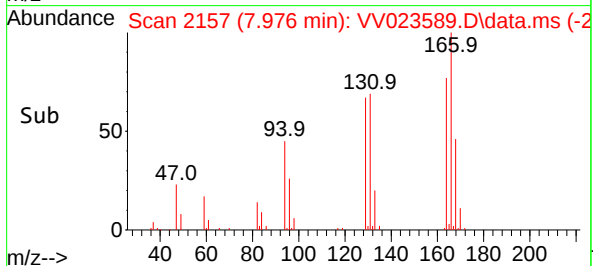
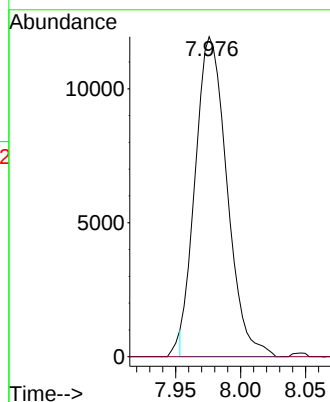
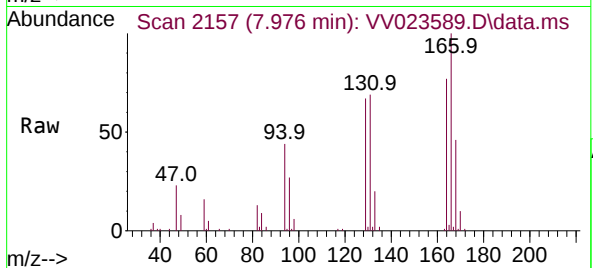
H4648

Tgt Ion:129 Resp: 20251

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.621 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023589.D

Acq: 17 Nov 2021 22:58

Tgt Ion: 75 Resp: 6706

Ion Ratio Lower Upper

75 100

77 34.6 26.6 39.8

110 1.4 31.8 47.6#

