

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028965.D
 Acq On : 15 Nov 2022 02:34
 Operator : SY/MD
 Sample : N5604-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D3

Quant Time: Nov 15 05:37:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	274002	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	252698	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	123730	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61034	3.654	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.568	69	61315	4.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.108	63	87694	2.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	3.889	46	173159	61.925	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.860%
24) Chloroform-d	4.343	84	157954	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.031	65	73985	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.047	84	323727	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.066	67	95644	4.541	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.310	98	284161	4.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.622	79	24496	3.566	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.085	63	135377	46.170	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.340%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	71264	4.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.616	152	105726	4.776	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	377647	17.465	ug/L	98
8) Chloroethane	1.410	64	371824	29.263	ug/L #	52
12) 1,1-Dichloroethene	2.114	96	1675	0.101	ug/L #	1
14) Carbon disulfide	2.294	76	6681	0.113	ug/L #	92
15) Methyl Acetate	2.497	43	3218	0.737	ug/L #	44
17) Methyl tert-butyl Ether	2.764	73	228742	6.432	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	15480	0.805	ug/L	90
19) 1,1-Dichloroethane	3.188	63	9926	0.316	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	355614	18.183	ug/L	97
25) Chloroform	4.375	83	3747	0.114	ug/L	94
33) Benzene	5.101	78	12558	0.163	ug/L	100
34) Trichloroethene	5.918	95	5556	0.281	ug/L	99
35) Methylcyclohexane	6.066	83	23340	0.672	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	9979	0.560	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1705	0.069	ug/L #	35
61) 1,2,3-Trichloropropane	11.243	75	13362	1.580	ug/L #	64

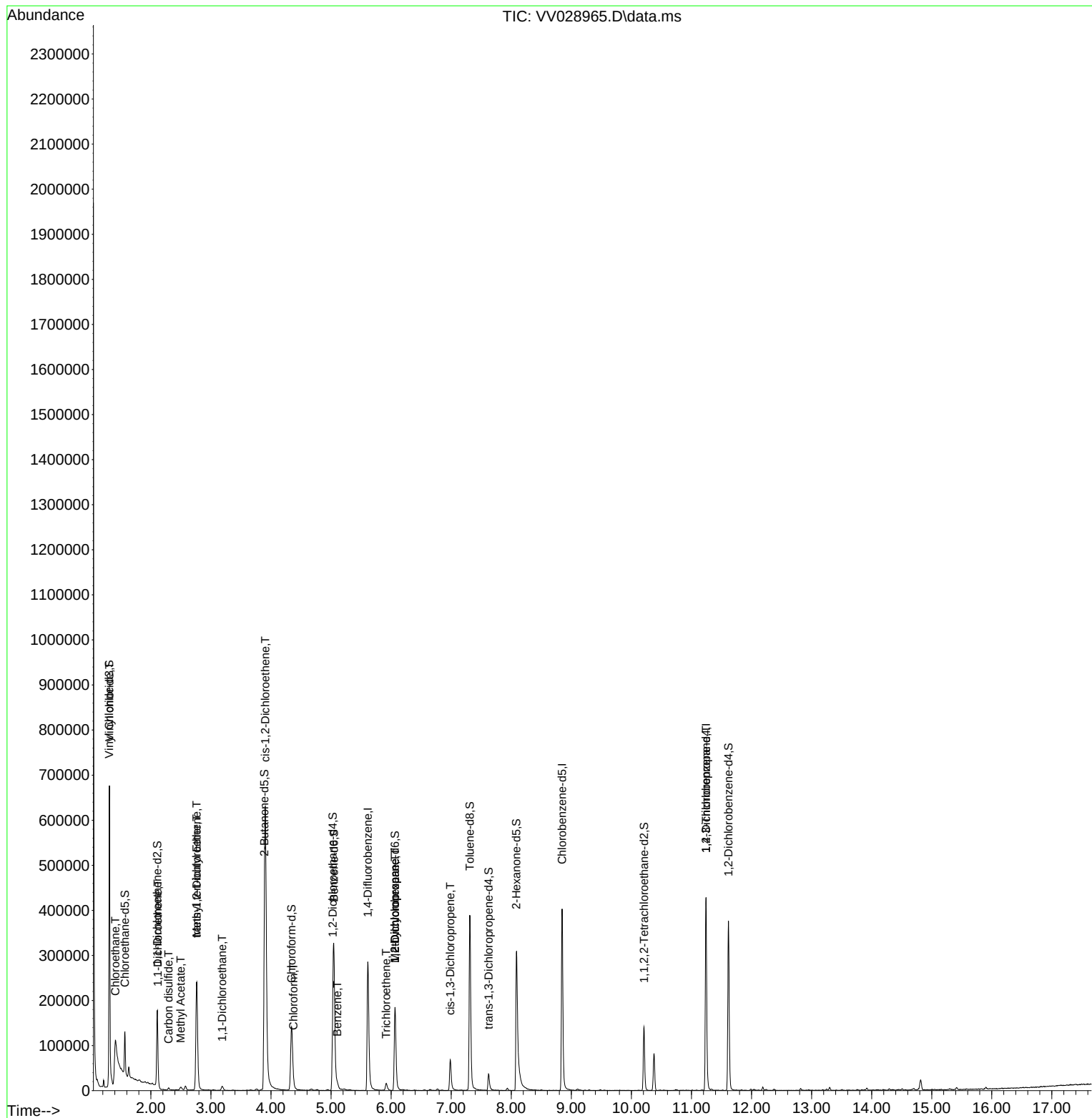
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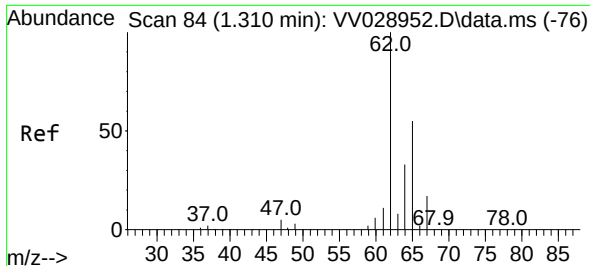
Instrument :
MSVOA_V
ClientSampleId :
H46D3

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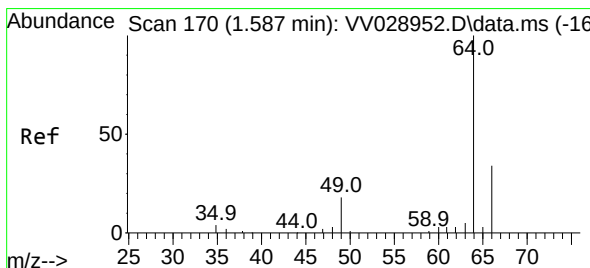
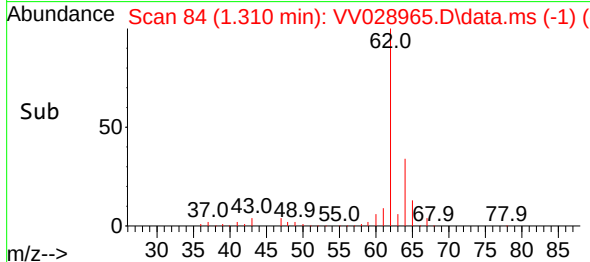
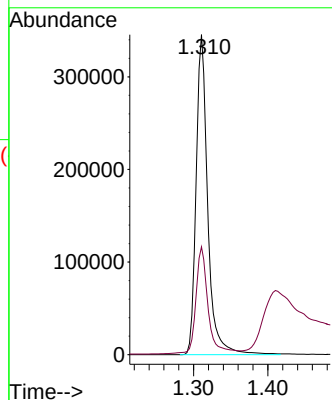
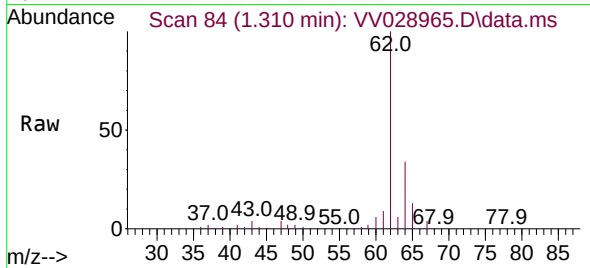




#5
 Vinyl chloride
 Concen: 17.465 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028965.D
 Acq: 15 Nov 2022 02:34

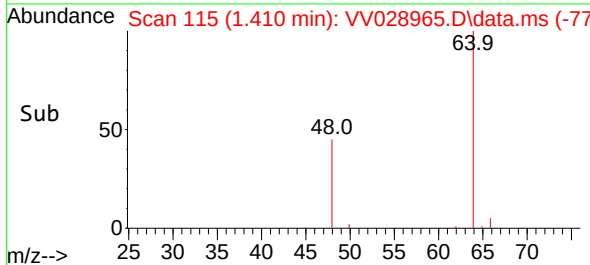
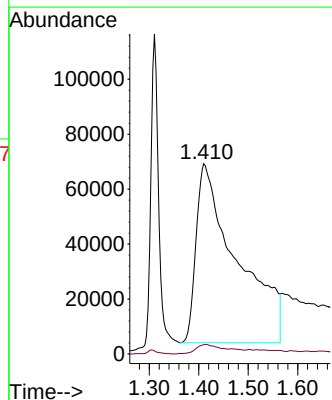
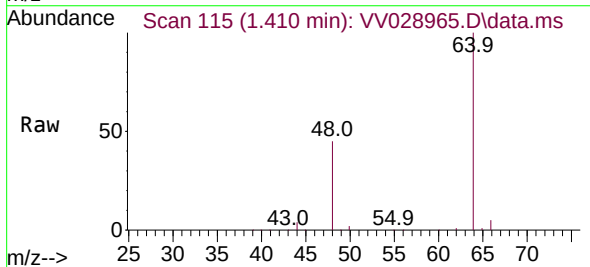
Instrument :
 MSVOA_V
 ClientSampleId :
 H46D3

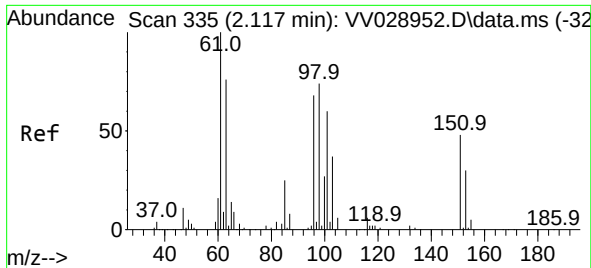
Tgt Ion: 62 Resp: 377647
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.8 42.4



#8
 Chloroethane
 Concen: 29.263 ug/L
 RT: 1.410 min Scan# 115
 Delta R.T. -0.177 min
 Lab File: VV028965.D
 Acq: 15 Nov 2022 02:34

Tgt Ion: 64 Resp: 371824
 Ion Ratio Lower Upper
 64 100
 66 4.9 22.0 40.8#

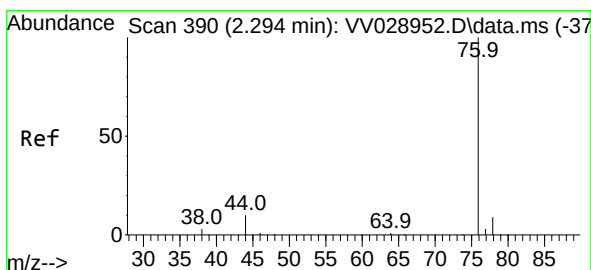
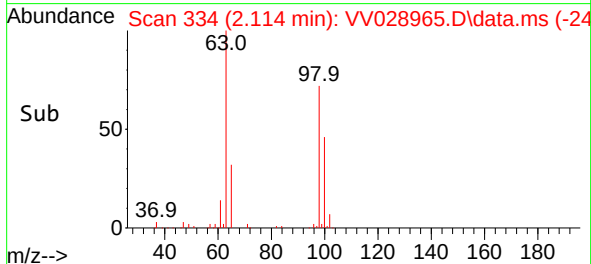
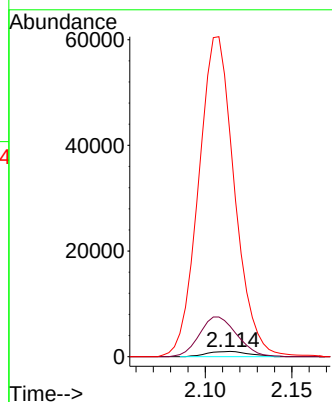
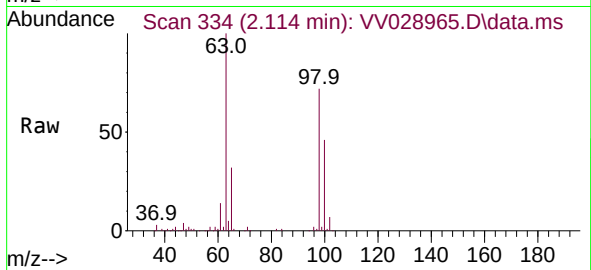




#12
1,1-Dichloroethene
Concen: 0.101 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV028965.D
Acq: 15 Nov 2022 02:34

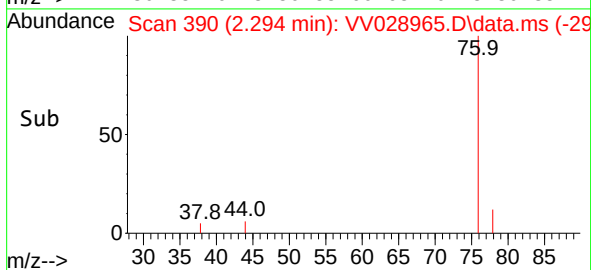
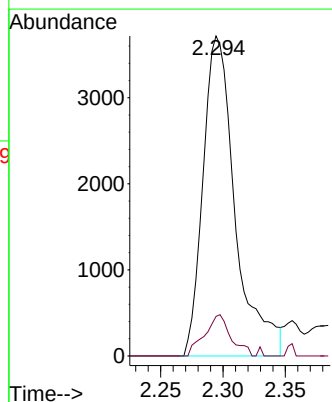
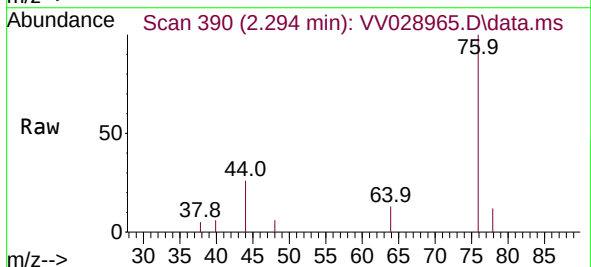
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MSVOA_V
ClientSampleId :
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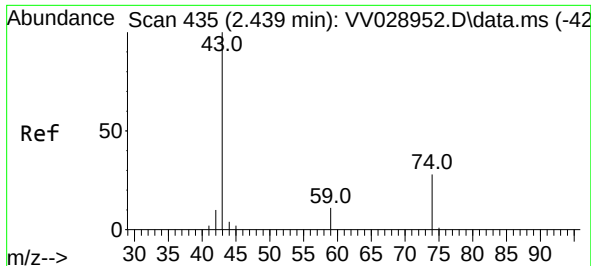
Tgt Ion: 96 Resp: 1675
Ion Ratio Lower Upper
96 100
61 584.4 104.2 193.4#
63 4225.3 75.9 140.9#



#14
Carbon disulfide
Concen: 0.113 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV028965.D
Acq: 15 Nov 2022 02:34

Tgt Ion: 76 Resp: 6681
Ion Ratio Lower Upper
76 100
78 12.3 7.4 11.2#

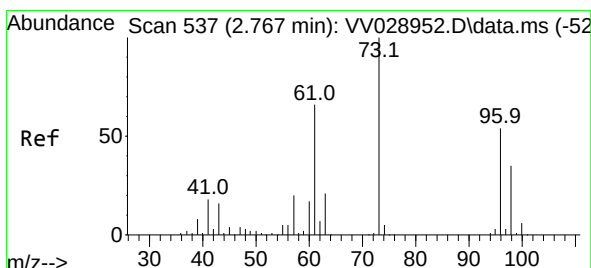
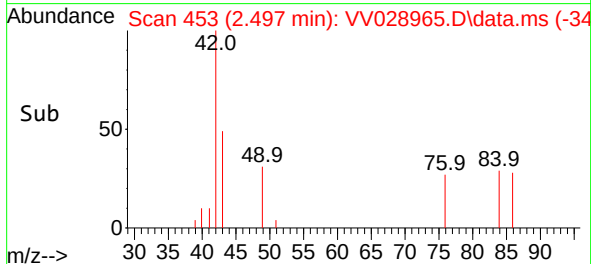
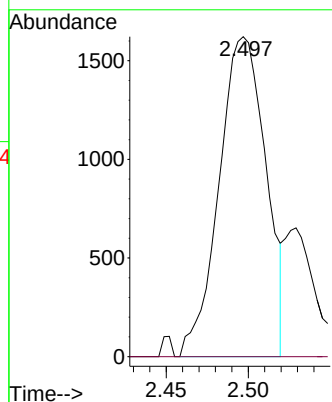
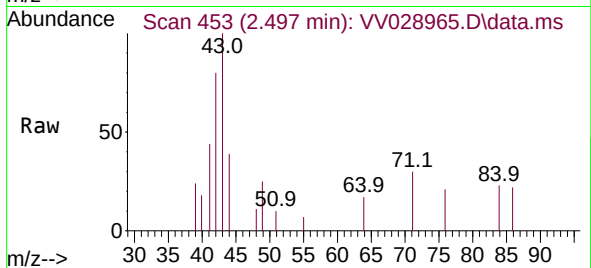




#15
Methyl Acetate
Concen: 0.737 ug/L
RT: 2.497 min Scan# 41
Delta R.T. 0.058 min
Lab File: VV028965.D
Acq: 15 Nov 2022 02:34

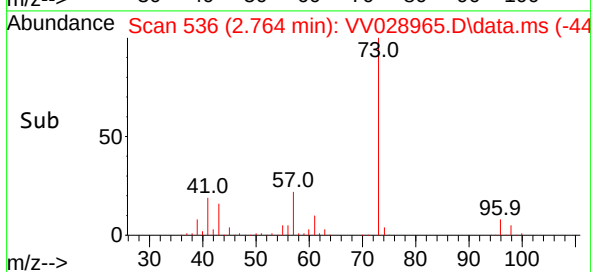
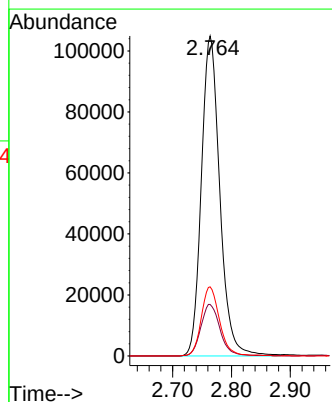
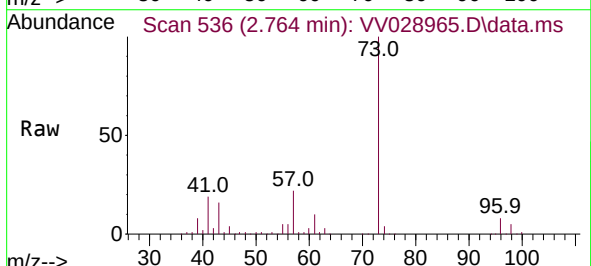
Instrument :
MSVOA_V
ClientSampleId :
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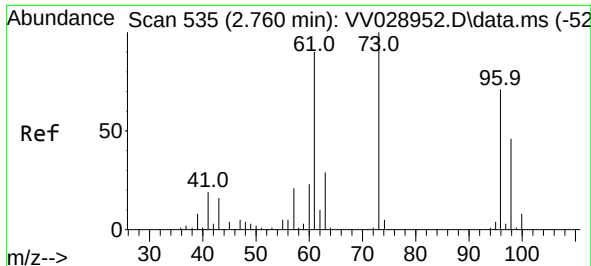
Tgt Ion: 43 Resp: 3218
Ion Ratio Lower Upper
43 100
74 0.0 24.6 37.0#



#17
Methyl tert-butyl Ether
Concen: 6.432 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV028965.D
Acq: 15 Nov 2022 02:34

Tgt Ion: 73 Resp: 228742
Ion Ratio Lower Upper
73 100
43 16.8 13.0 19.4
57 21.3 16.6 24.8

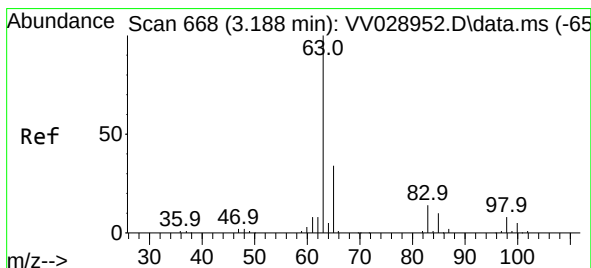
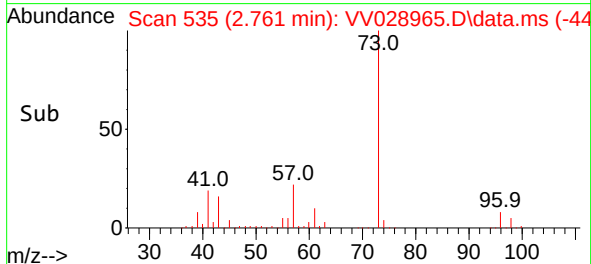
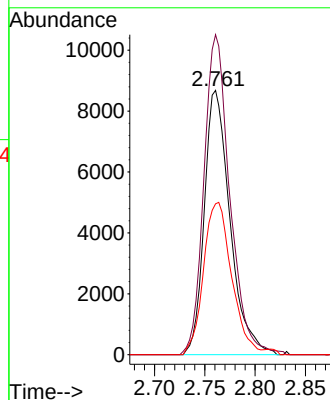
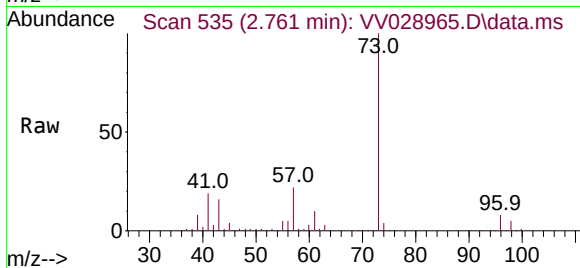




#18
 trans-1,2-Dichloroethene
 Concen: 0.805 ug/L
 RT: 2.761 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VV028965.D
 Acq: 15 Nov 2022 02:34

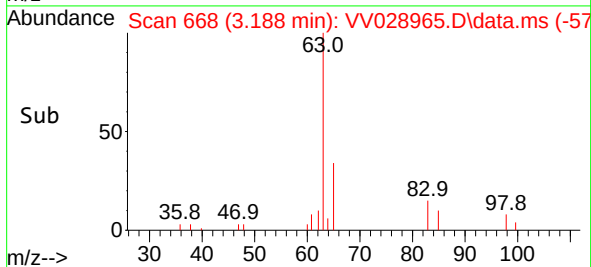
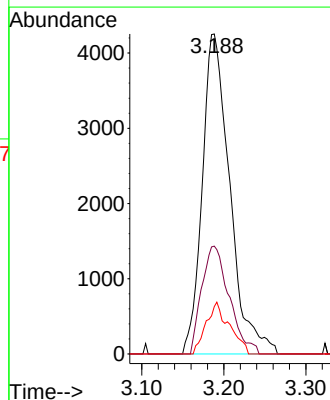
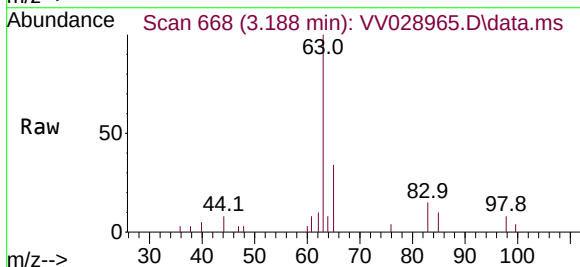
Instrument :
 MSVOA_V
 ClientSampleId :
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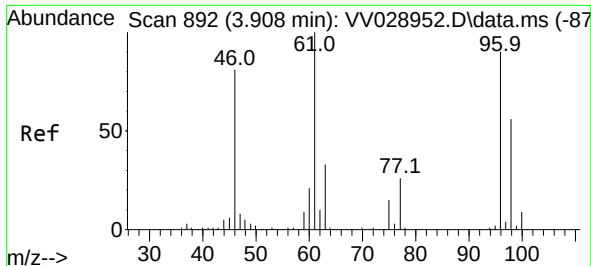
Tgt Ion: 96 Resp: 15480
 Ion Ratio Lower Upper
 96 100
 61 121.1 91.8 170.6
 98 57.1 46.4 86.2



#19
 1,1-Dichloroethane
 Concen: 0.316 ug/L
 RT: 3.188 min Scan# 668
 Delta R.T. 0.000 min
 Lab File: VV028965.D
 Acq: 15 Nov 2022 02:34

Tgt Ion: 63 Resp: 9926
 Ion Ratio Lower Upper
 63 100
 65 33.7 23.0 42.6
 83 14.8 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 18.183 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV028965.D

Acq: 15 Nov 2022 02:34

Instrument :

MSVOA_V

ClientSampleId :

H46D3

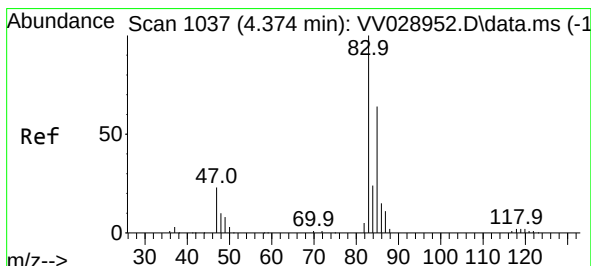
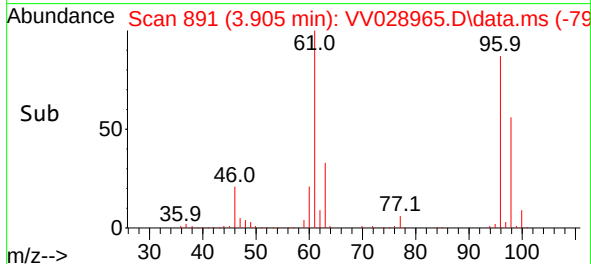
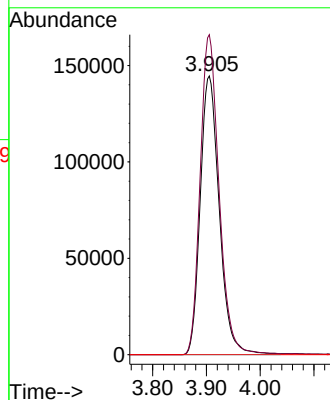
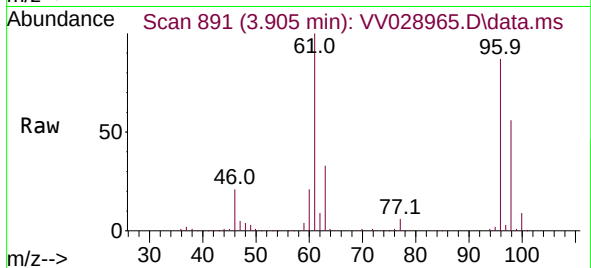
Tgt Ion: 96 Resp: 355614

Ion Ratio Lower Upper

96 100

61 114.8 82.3 152.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.114 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV028965.D

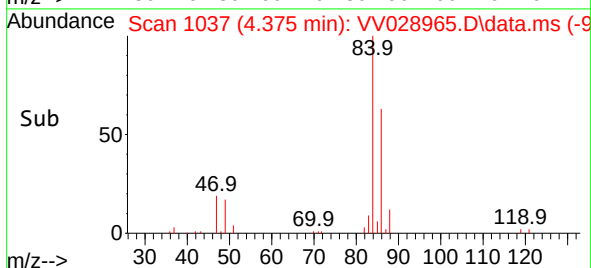
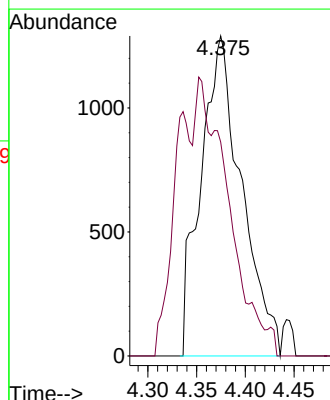
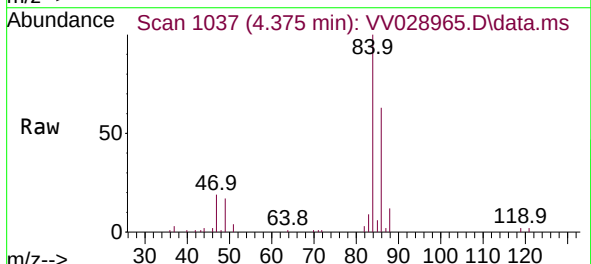
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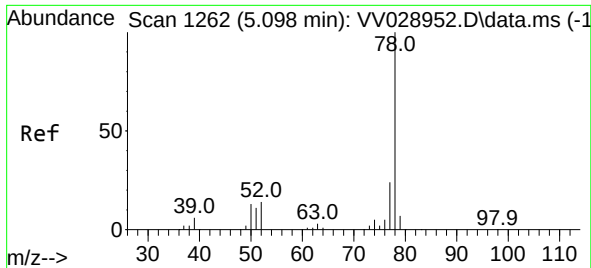
Tgt Ion: 83 Resp: 3747

Ion Ratio Lower Upper

83 100

85 66.8 43.7 81.1





#33

Benzene

Concen: 0.163 ug/L

RT: 5.101 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV028965.D

Acq: 15 Nov 2022 02:34

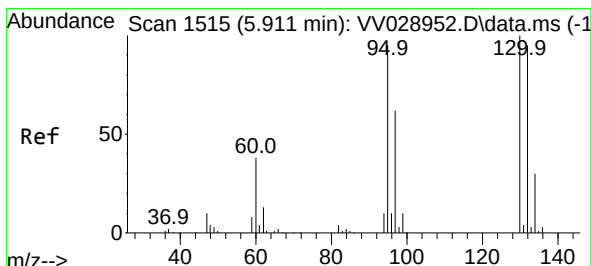
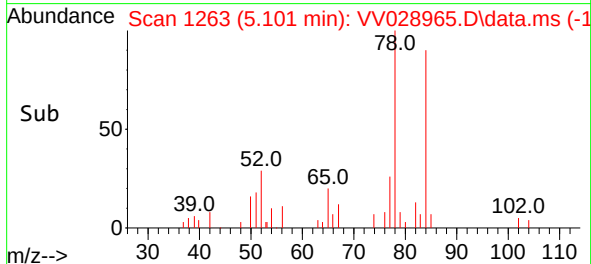
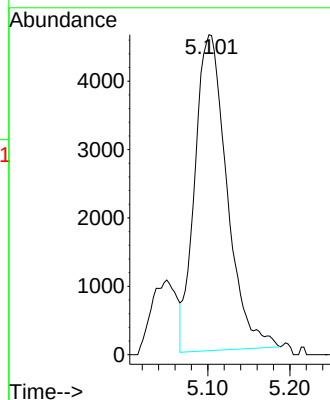
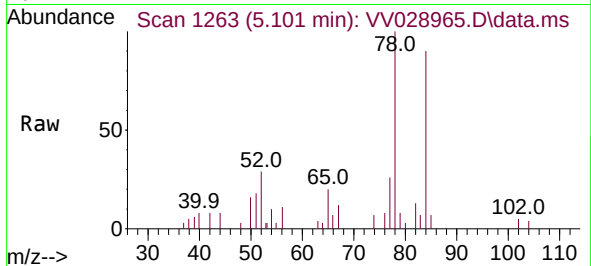
Instrument :

MSVOA_V

ClientSampleId :

H46D3

Tgt Ion: 78 Resp: 12558



#34

Trichloroethene

Concen: 0.281 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.007 min

Lab File: VV028965.D

Acq: 15 Nov 2022 02:34

Tgt Ion: 95 Resp: 5556

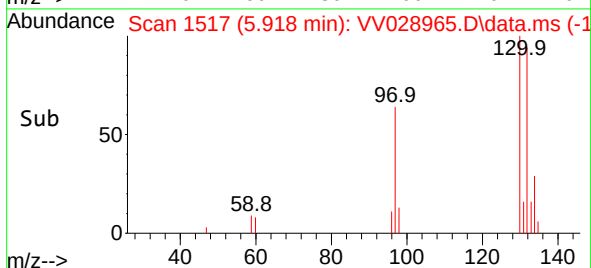
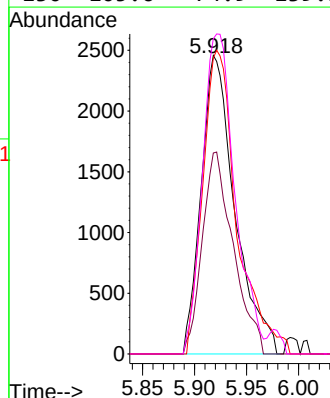
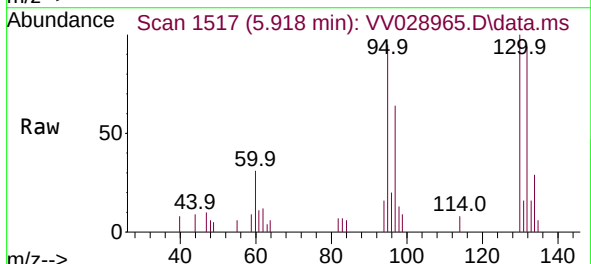
Ion Ratio Lower Upper

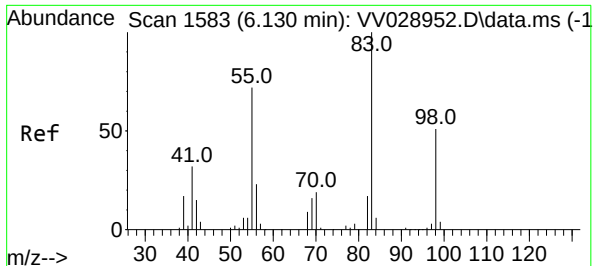
95 100

97 67.3 45.6 84.8

132 99.1 69.1 128.3

130 105.6 74.9 139.1





#35

Methylcyclohexane

Concen: 0.672 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV028965.D

Acq: 15 Nov 2022 02:34

Instrument :

MSVOA_V

ClientSampleId :

H46D3

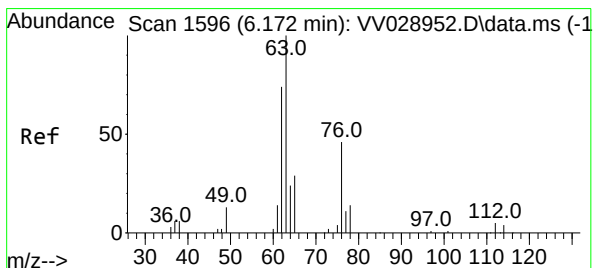
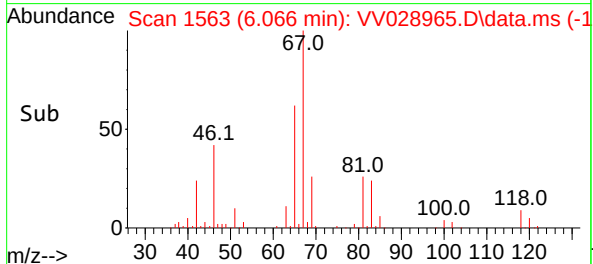
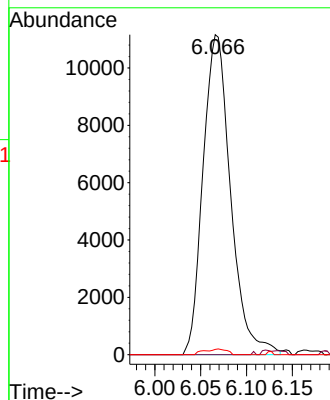
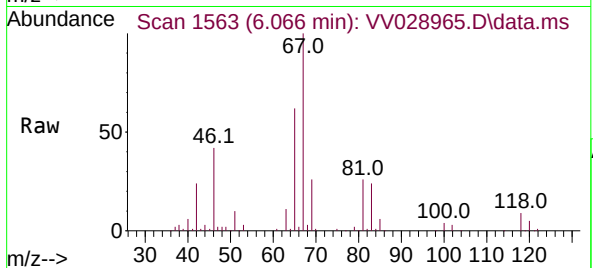
Tgt Ion: 83 Resp: 23340

Ion Ratio Lower Upper

83 100

55 0.1 55.8 83.6#

98 1.4 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV028965.D

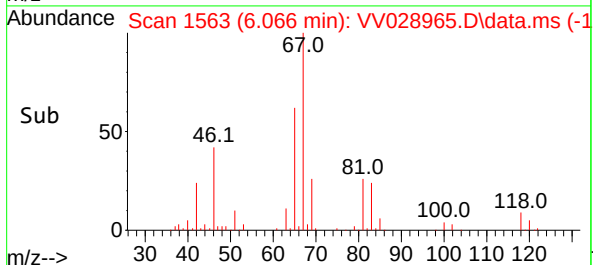
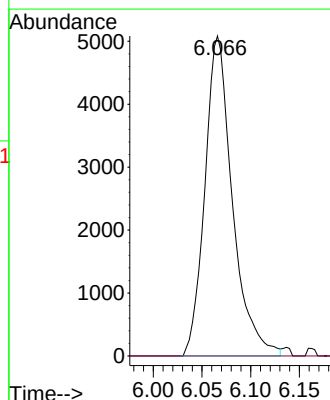
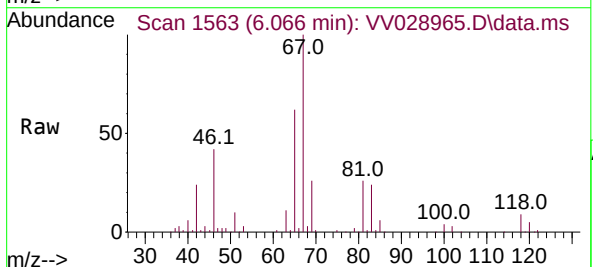
Acq: 15 Nov 2022 02:34

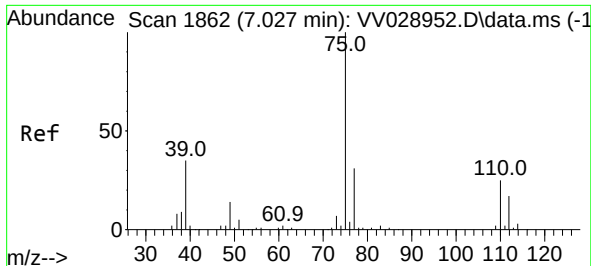
Tgt Ion: 63 Resp: 9979

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV028965.D

Acq: 15 Nov 2022 02:34

Instrument :

MSVOA_V

ClientSampleId :

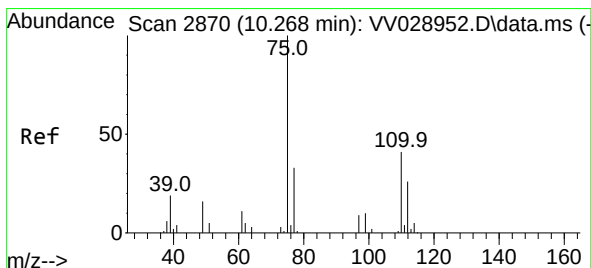
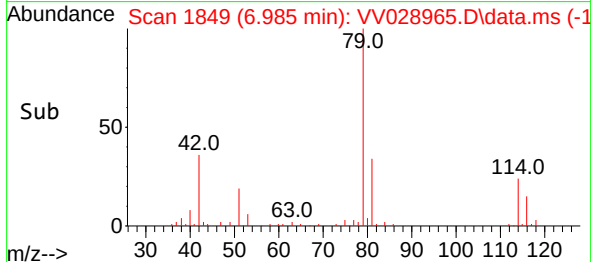
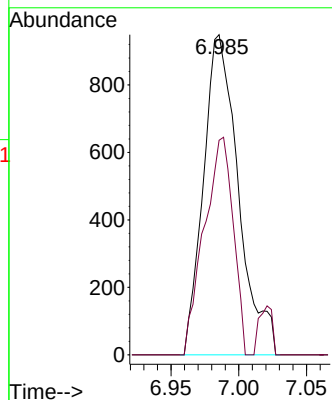
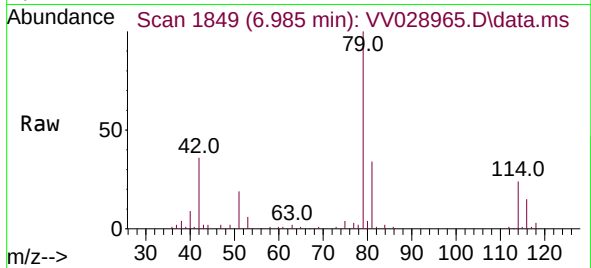
H46D3

Tgt Ion: 75 Resp: 1705

Ion Ratio Lower Upper

75 100

77 67.0 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.580 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV028965.D

Acq: 15 Nov 2022 02:34

Tgt Ion: 75 Resp: 13362

Ion Ratio Lower Upper

75 100

77 30.1 26.2 39.2

110 2.2 32.6 48.8#

