

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029064.D
 Acq On : 17 Nov 2022 15:28
 Operator : SY/MD
 Sample : N5604-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D3

Quant Time: Nov 18 01:42:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	268116	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	244614	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	123530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65987	4.037	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.568	69	54340	3.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.105	63	86625	2.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	3.895	46	79460	29.040	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.080%
24) Chloroform-d	4.342	84	153899	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.027	65	69810	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.047	84	321489	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.066	67	90745	4.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.310	98	301110	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.622	79	23283	3.501	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.000%
46) 2-Hexanone-d5	8.088	63	126698	44.638	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.280%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67844	4.800	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	122837	5.558	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						Qvalue
3) Chloromethane	1.204	50	7592	0.409	ug/L #	41
5) Vinyl chloride	1.310	62	368207	17.402	ug/L #	66
8) Chloroethane	1.375	64	407806	32.799	ug/L #	52
12) 1,1-Dichloroethene	2.108	96	1652	0.102	ug/L #	1
14) Carbon disulfide	2.294	76	11202	0.194	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	216630	6.225	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	15362	0.816	ug/L	90
19) 1,1-Dichloroethane	3.188	63	9351	0.304	ug/L #	94
22) cis-1,2-Dichloroethene	3.905	96	364058	19.023	ug/L	95
30) Cyclohexane	4.670	56	1503	0.052	ug/L #	72
33) Benzene	5.098	78	14243	0.191	ug/L	100
34) Trichloroethene	5.921	95	6013	0.314	ug/L	93
35) Methylcyclohexane	6.066	83	23343	0.694	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10137	0.588	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1587	0.066	ug/L #	71
61) 1,2,3-Trichloropropane	11.239	75	11718	1.388	ug/L #	62

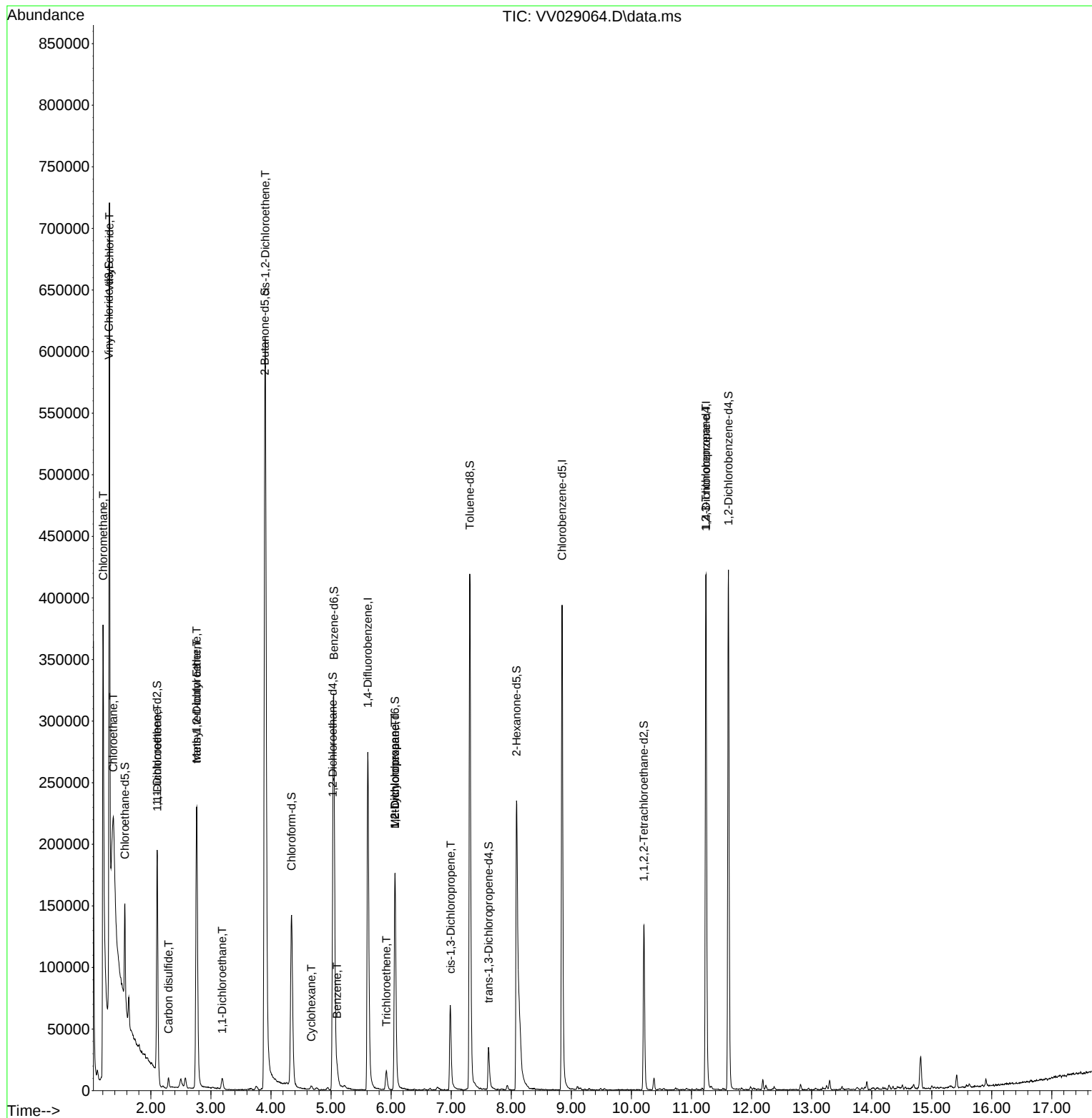
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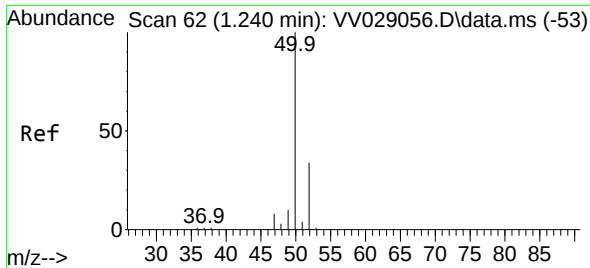
Instrument :
MSVOA_V
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H46D3

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

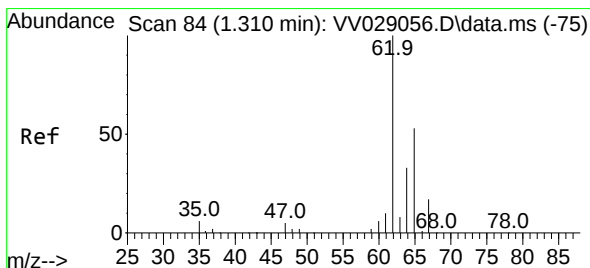
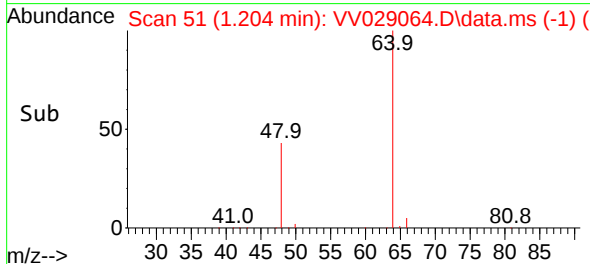
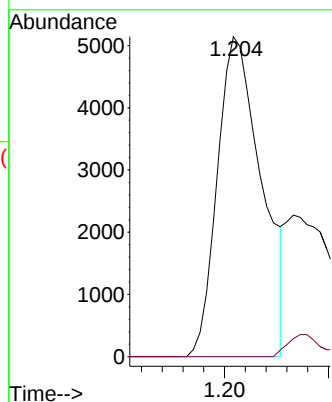
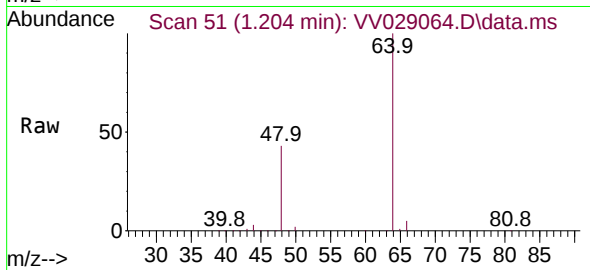




#3
Chloromethane
Concen: 0.409 ug/L
RT: 1.204 min Scan# 51
Delta R.T. -0.035 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

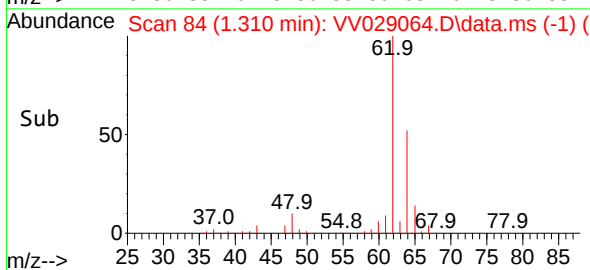
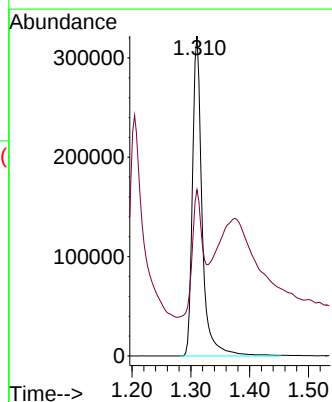
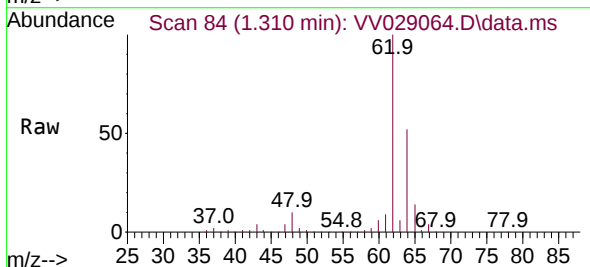
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MSVOA_V
ClientSampleId :
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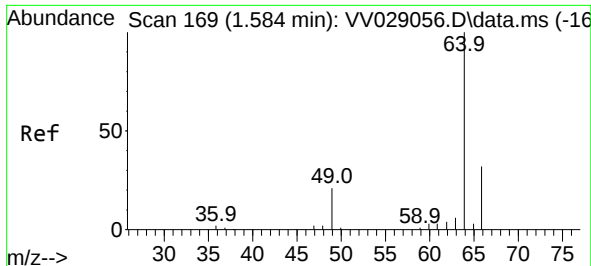
Tgt Ion: 50 Resp: 7592
Ion Ratio Lower Upper
50 100
52 0.0 23.7 43.9#



#5
Vinyl chloride
Concen: 17.402 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

Tgt Ion: 62 Resp: 368207
Ion Ratio Lower Upper
62 100
64 51.9 22.8 42.4#

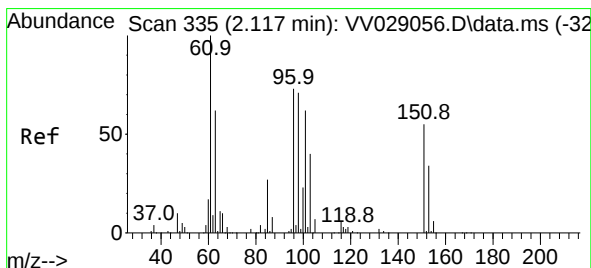
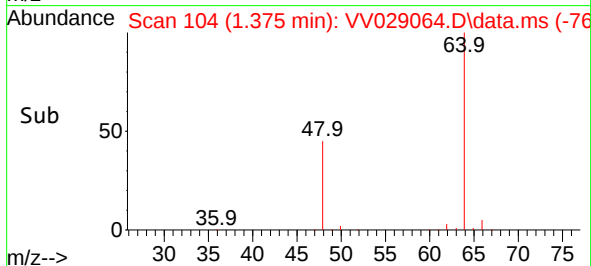
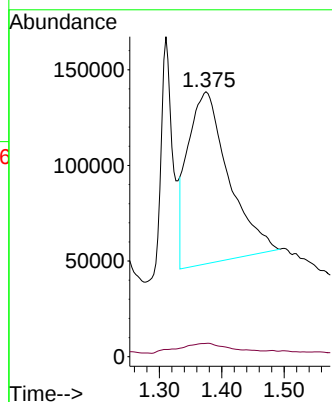
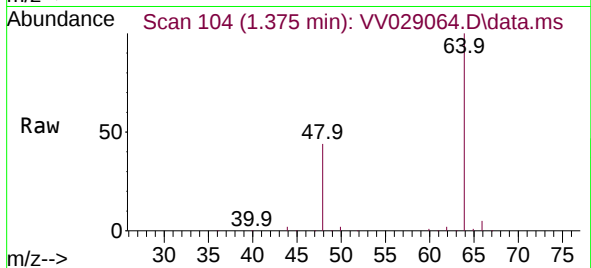




#8
Chloroethane
Concen: 32.799 ug/L
RT: 1.375 min Scan# 104
Delta R.T. -0.209 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

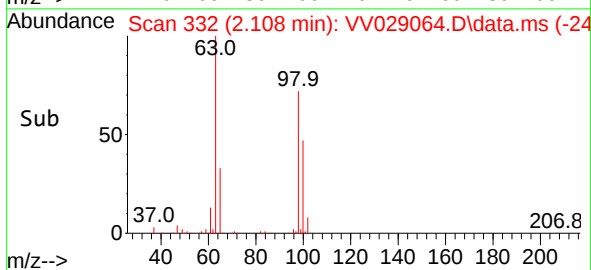
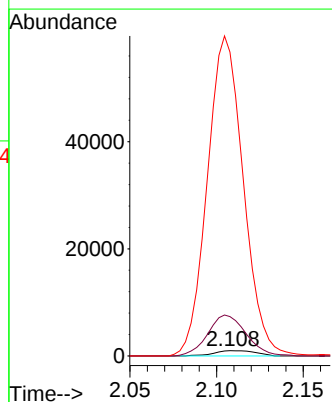
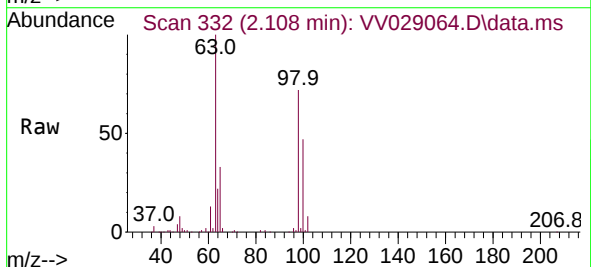
Instrument :
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ClientSampleId :
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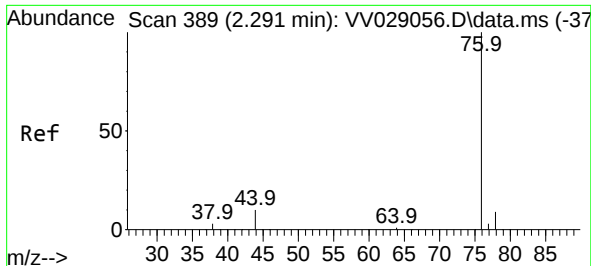
Tgt Ion: 64 Resp: 407806
Ion Ratio Lower Upper
64 100
66 5.0 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.102 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

Tgt Ion: 96 Resp: 1652
Ion Ratio Lower Upper
96 100
61 749.0 104.2 193.4#
63 5787.8 75.9 140.9#

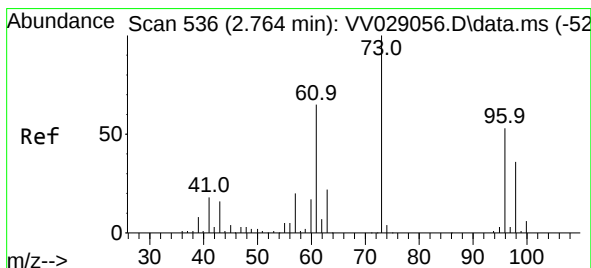
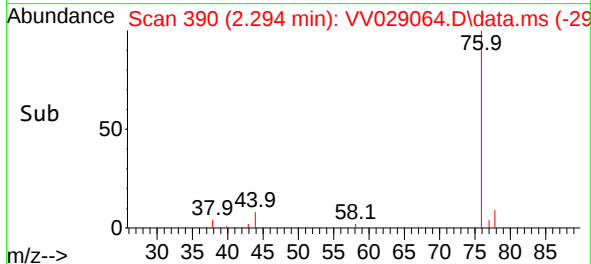
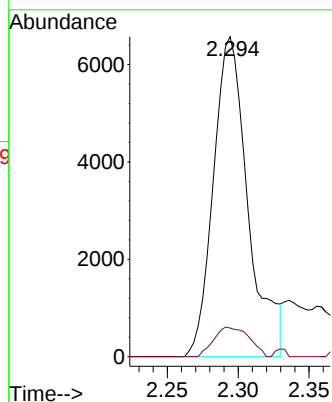
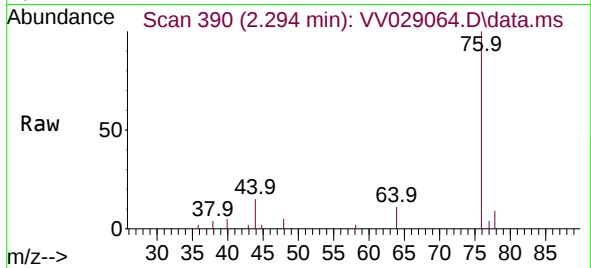




#14
Carbon disulfide
Concen: 0.194 ug/L
RT: 2.294 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

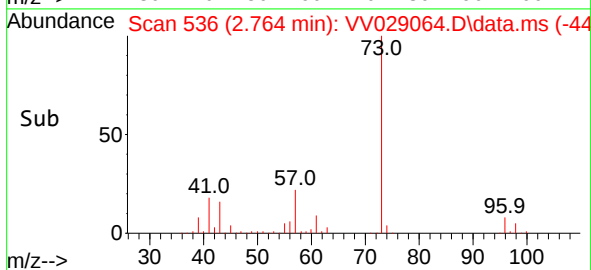
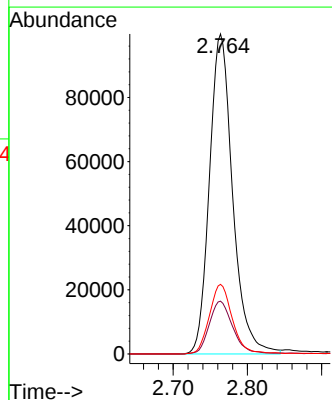
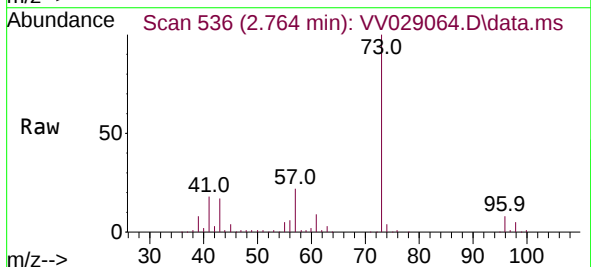
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ClientSampleId :
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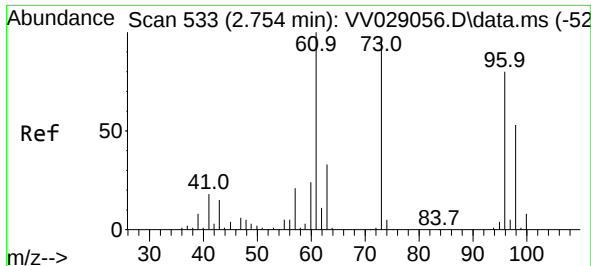
Tgt Ion: 76 Resp: 11202
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#17
Methyl tert-butyl Ether
Concen: 6.225 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

Tgt Ion: 73 Resp: 216630
Ion Ratio Lower Upper
73 100
43 16.7 13.0 19.4
57 21.4 16.6 24.8

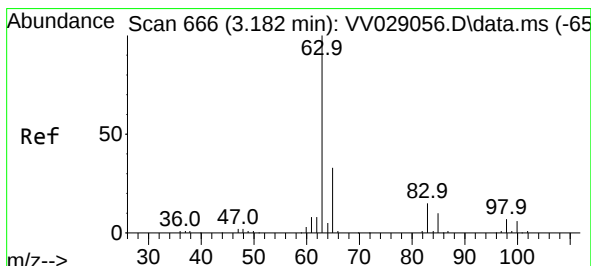
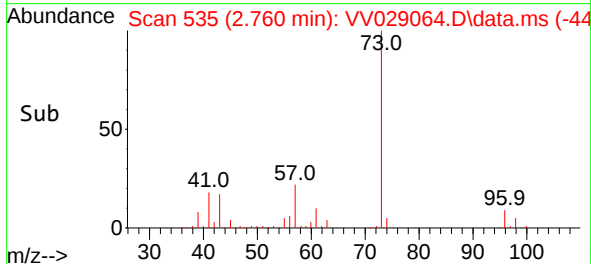
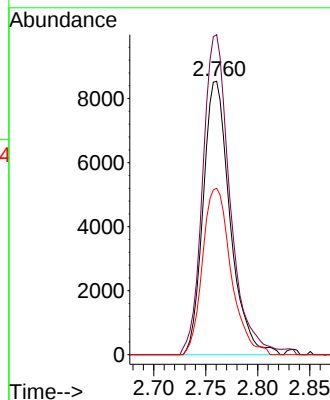
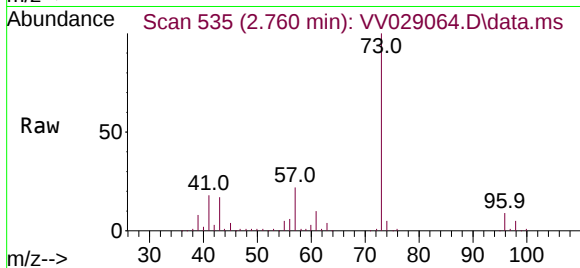




#18
trans-1,2-Dichloroethene
Concen: 0.816 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

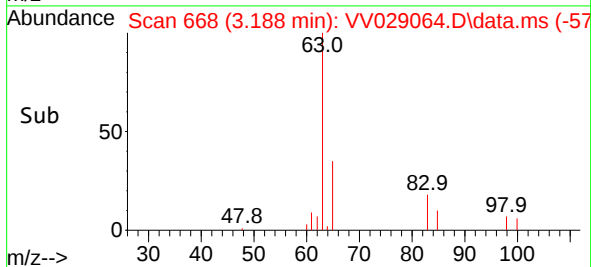
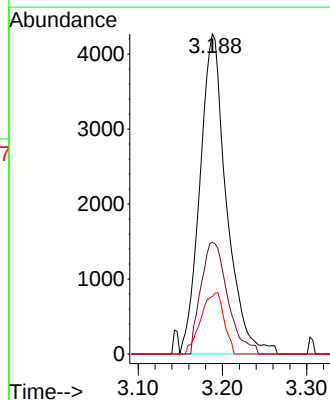
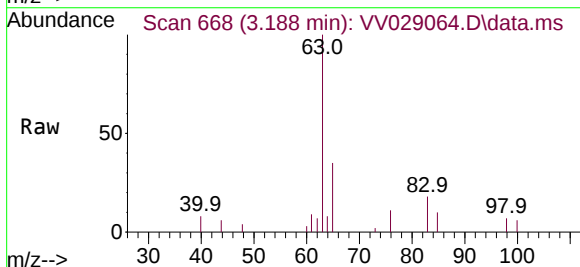
Instrument :
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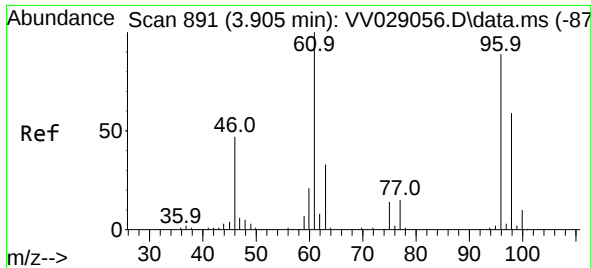
Tgt Ion: 96 Resp: 15362
Ion Ratio Lower Upper
96 100
61 117.0 91.8 170.6
98 60.9 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.304 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.006 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

Tgt Ion: 63 Resp: 9351
Ion Ratio Lower Upper
63 100
65 34.9 23.0 42.6
83 18.0 9.4 17.6#

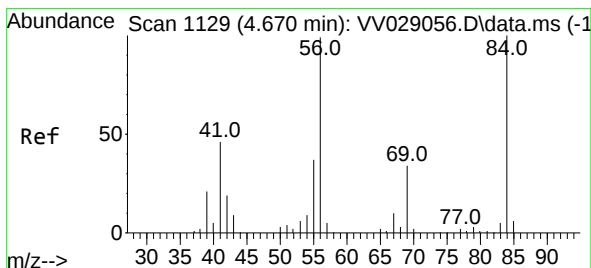
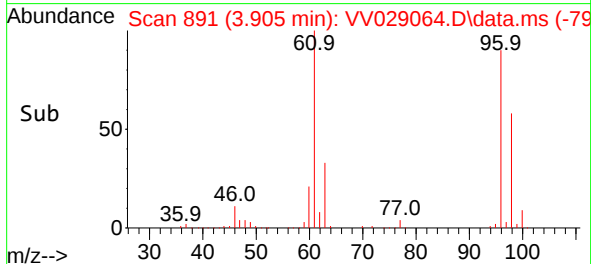
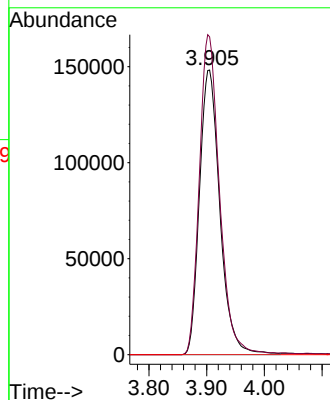
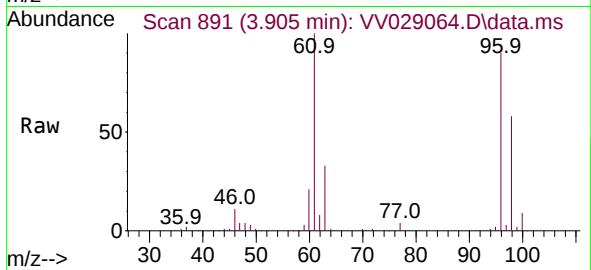




#22
 cis-1,2-Dichloroethene
 Concen: 19.023 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV029064.D
 Acq: 17 Nov 2022 15:28

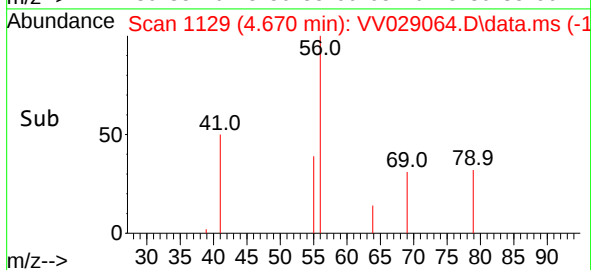
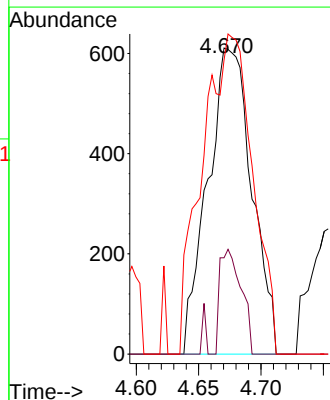
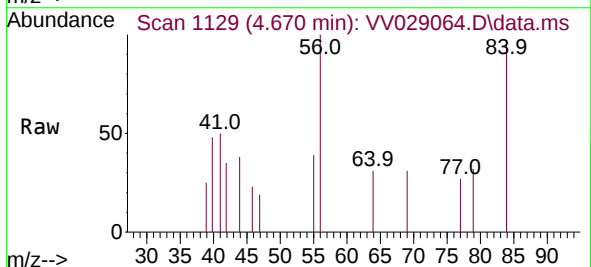
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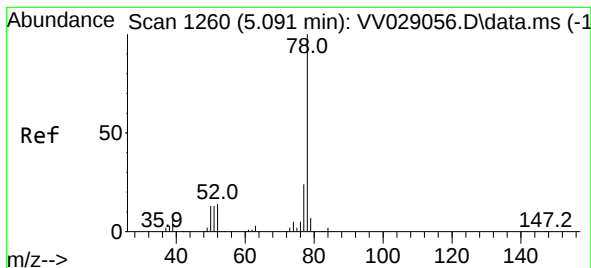
Tgt Ion: 96 Resp: 364058
 Ion Ratio Lower Upper
 96 100
 61 111.7 82.3 152.9
 68 0.0 0.0 0.0



#30
 Cyclohexane
 Concen: 0.052 ug/L
 RT: 4.670 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VV029064.D
 Acq: 17 Nov 2022 15:28

Tgt Ion: 56 Resp: 1503
 Ion Ratio Lower Upper
 56 100
 69 16.6 26.1 39.1#
 84 70.4 77.9 116.9#





#33

Benzene

Concen: 0.191 ug/L

RT: 5.098 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV029064.D

Acq: 17 Nov 2022 15:28

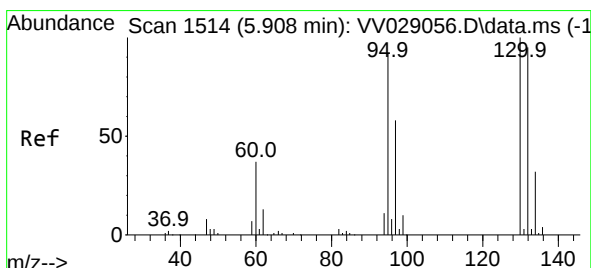
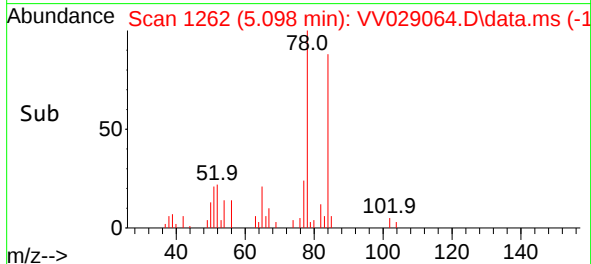
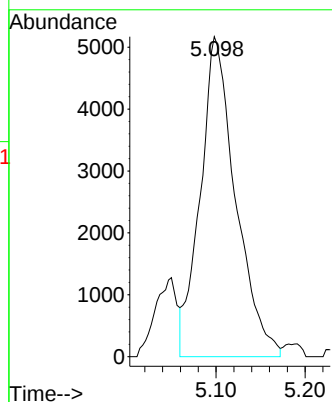
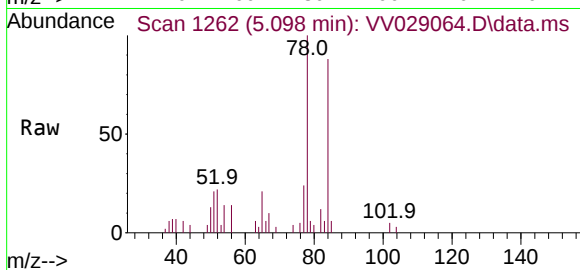
Instrument :

MSVOA_V

ClientSampleId :

H46D3

Tgt Ion: 78 Resp: 14243



#34

Trichloroethene

Concen: 0.314 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.013 min

Lab File: VV029064.D

Acq: 17 Nov 2022 15:28

Tgt Ion: 95 Resp: 6013

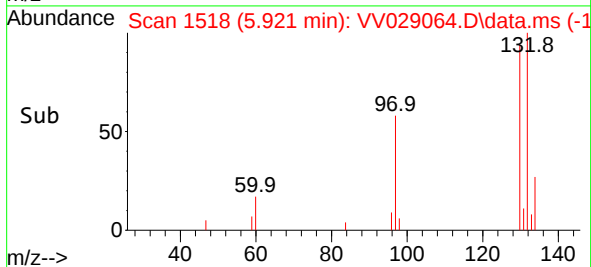
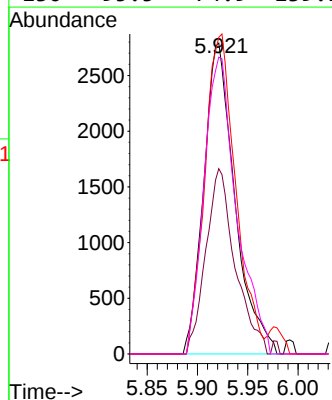
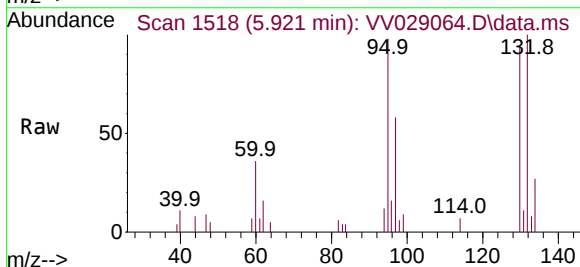
Ion Ratio Lower Upper

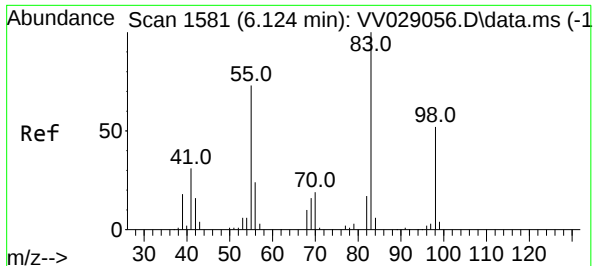
95 100

97 59.6 45.6 84.8

132 101.9 69.1 128.3

130 95.5 74.9 139.1

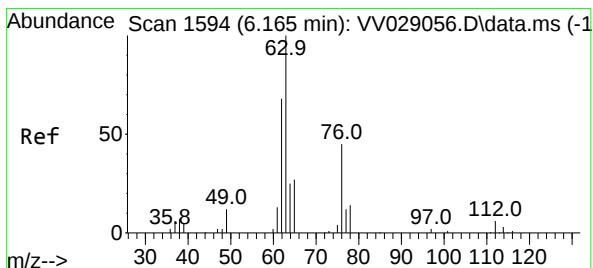
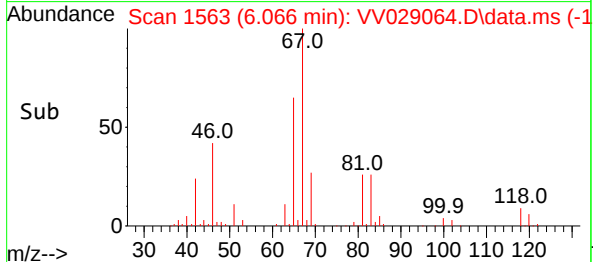
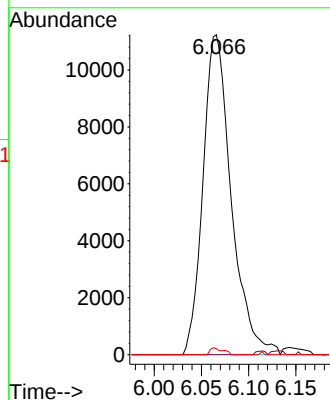
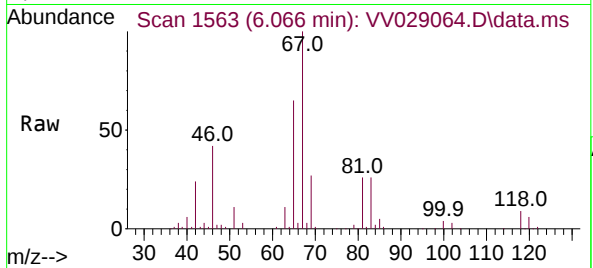




#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

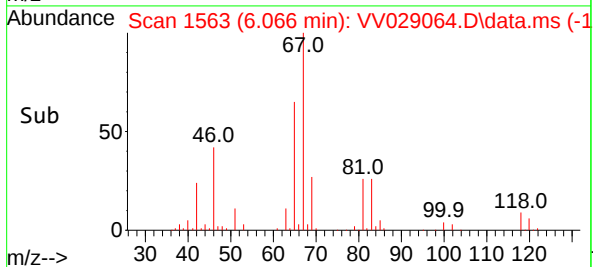
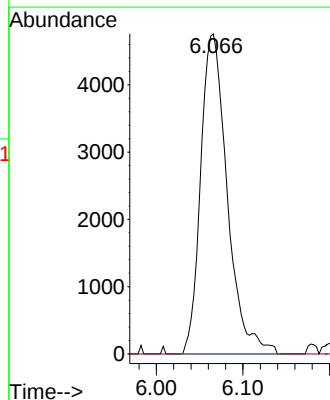
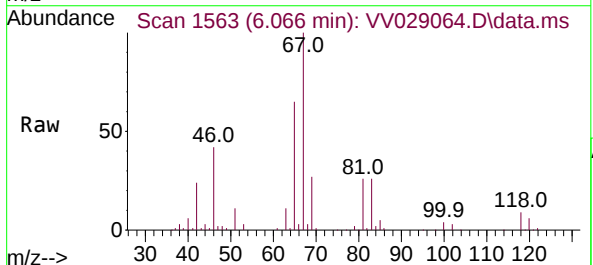
Instrument :
MSVOA_V
ClientSampleId :
H46D3

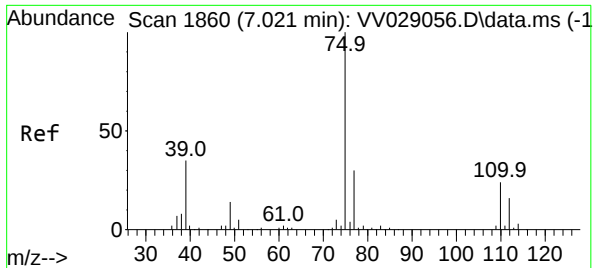
Tgt Ion: 83 Resp: 23343
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 1.0 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

Tgt Ion: 63 Resp: 10137
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV029064.D

Acq: 17 Nov 2022 15:28

Instrument :

MSVOA_V

ClientSampleId :

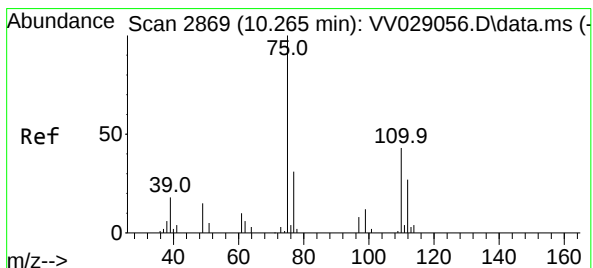
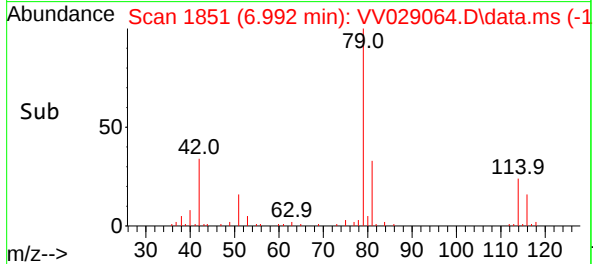
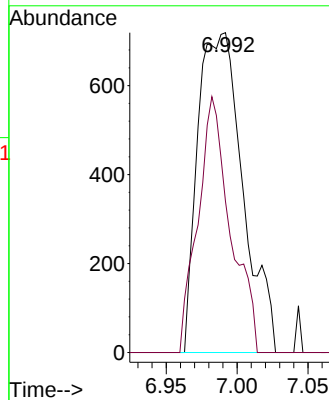
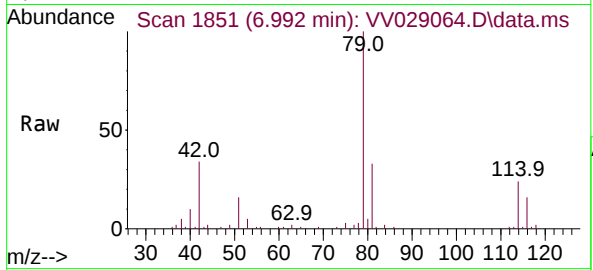
H46D3

Tgt Ion: 75 Resp: 1587

Ion Ratio Lower Upper

75 100

77 47.3 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.388 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029064.D

Acq: 17 Nov 2022 15:28

Tgt Ion: 75 Resp: 11718

Ion Ratio Lower Upper

75 100

77 36.8 26.2 39.2

110 2.0 32.6 48.8#

