

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029194.D
 Acq On : 20 Nov 2022 00:55
 Operator : SY/MD
 Sample : N5648-12DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D9DL

Quant Time: Nov 20 04:30:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 03:53:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	286434	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	253857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	118802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	91240	5.225	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.400%	
7) Chloroethane-d5	1.568	69	75035	4.888	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.800%	
11) 1,1-Dichloroethene-d2	2.105	63	111719	3.511	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.200%	
20) 2-Butanone-d5	3.899	46	162478	55.583	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.160%	
24) Chloroform-d	4.343	84	167074	4.660	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.027	65	80715	5.004	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.047	84	341655	4.509	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
36) 1,2-Dichloropropane-d6	6.066	67	105212	4.973	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.310	98	287740	4.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
43) trans-1,3-Dichloroprop...	7.622	79	29063	4.211	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.200%	
46) 2-Hexanone-d5	8.088	63	147463	50.062	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.120%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	73004	4.977	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	11.616	152	104632	4.923	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.400%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2523	0.127	ug/L	100
5) Vinyl chloride	1.311	62	3444	0.152	ug/L #	17
8) Chloroethane	1.529	64	24574	1.850	ug/L #	52
15) Methyl Acetate	2.433	43	3750	0.822	ug/L #	44
16) Methylene chloride	2.503	84	6645	0.296	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	263919	7.099	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	7884	0.392	ug/L	99
19) 1,1-Dichloroethane	3.192	63	5703	0.173	ug/L	100
22) cis-1,2-Dichloroethene	3.909	96	21346	1.044	ug/L	95
27) 1,2-Dichloroethane	5.044	62	1691	0.095	ug/L #	70
35) Methylcyclohexane	6.066	83	25115	0.720	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11133	0.622	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2031	0.081	ug/L #	67
52) Ethylbenzene	9.014	91	5385	0.062	ug/L	95
53) m,p-Xylene	9.146	106	2511	0.072	ug/L	86
54) o-Xylene	9.545	106	1959	0.059	ug/L	80
61) 1,2,3-Trichloropropane	11.239	75	12410	1.529	ug/L #	65

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Nov 20 03:53:06 2022
Response via : Initial Calibration

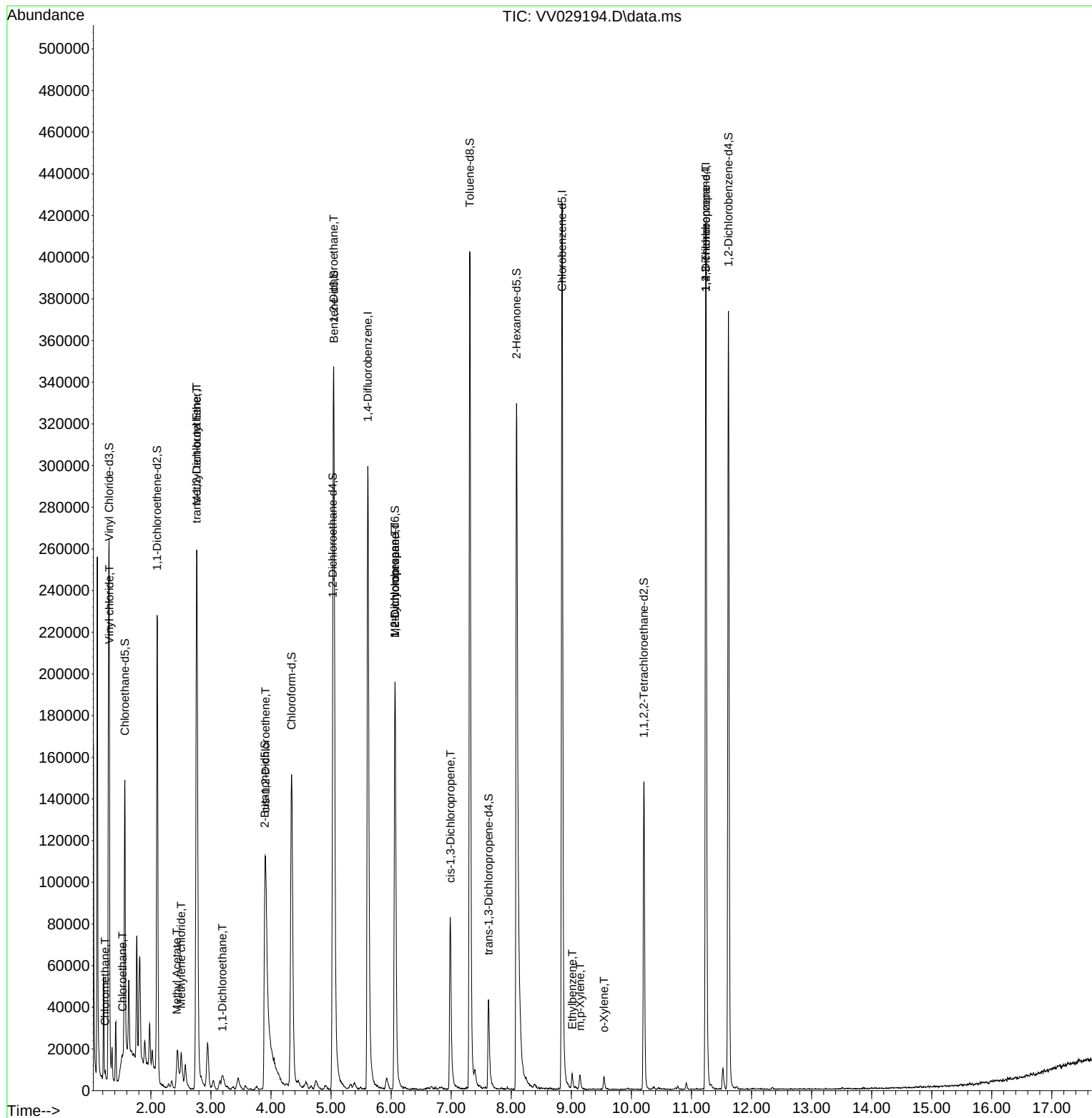
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

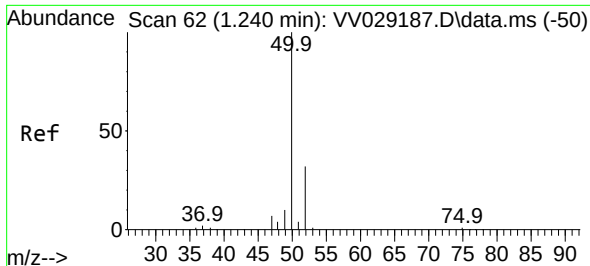
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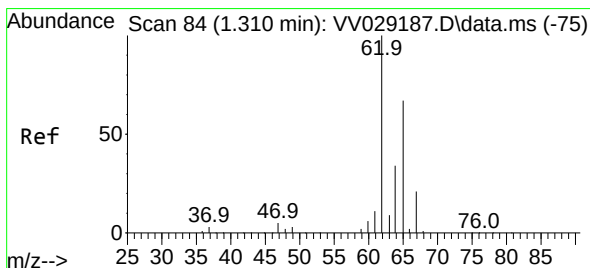
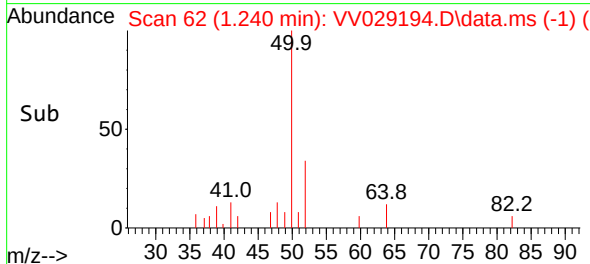
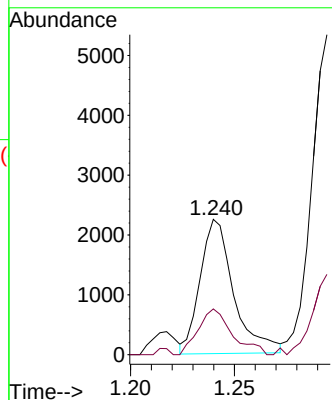
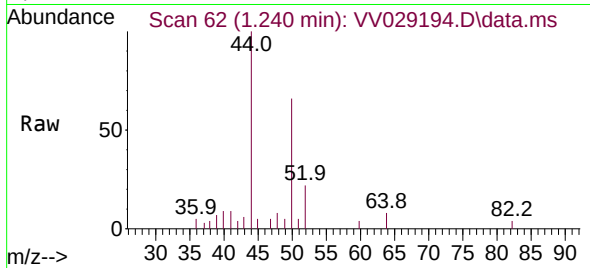




#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

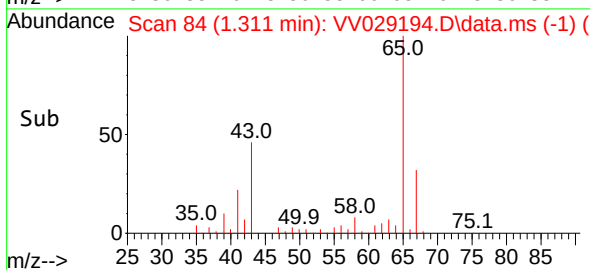
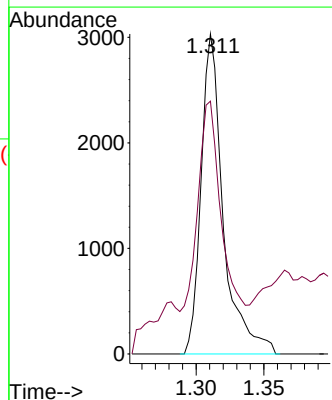
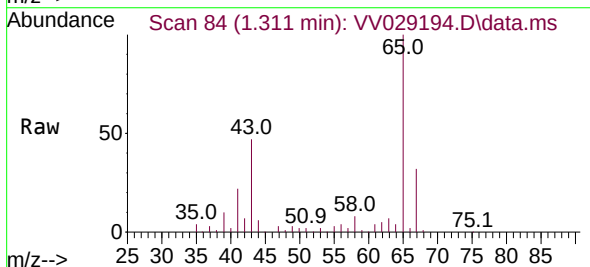
Instrument :
MSVOA_V
ClientSampleId :
H46D9DL

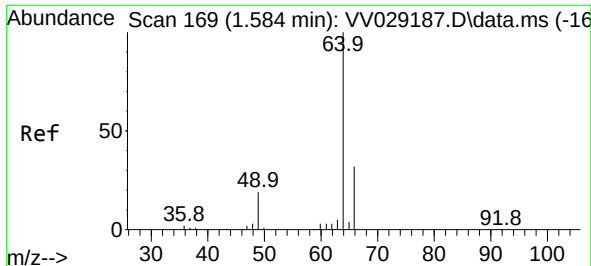
Tgt Ion: 50 Resp: 2523
Ion Ratio Lower Upper
50 100
52 33.8 23.7 43.9



#5
Vinyl chloride
Concen: 0.152 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

Tgt Ion: 62 Resp: 3444
Ion Ratio Lower Upper
62 100
64 79.0 22.8 42.4#

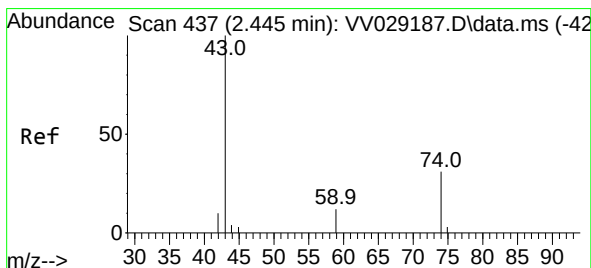
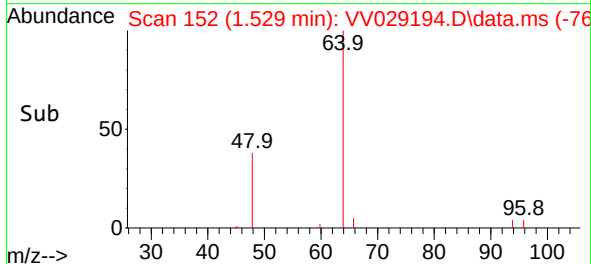
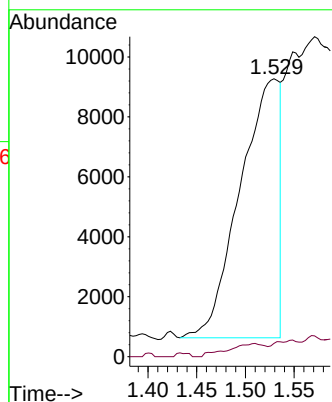
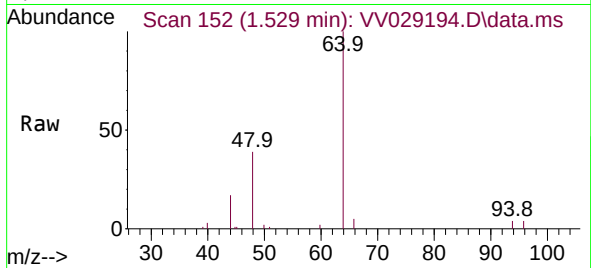




#8
Chloroethane
Concen: 1.850 ug/L
RT: 1.529 min Scan# 11
Delta R.T. -0.054 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

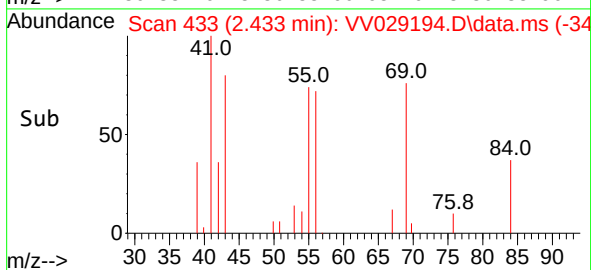
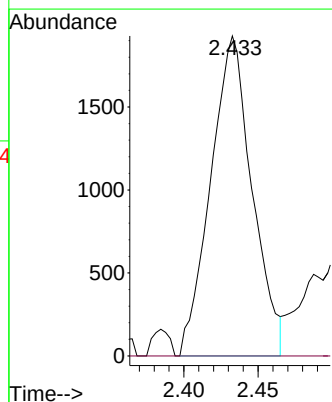
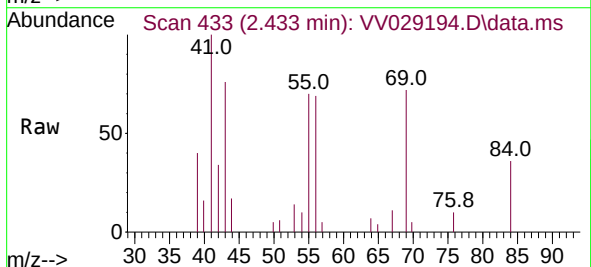
Instrument :
MSVOA_V
ClientSampleId :
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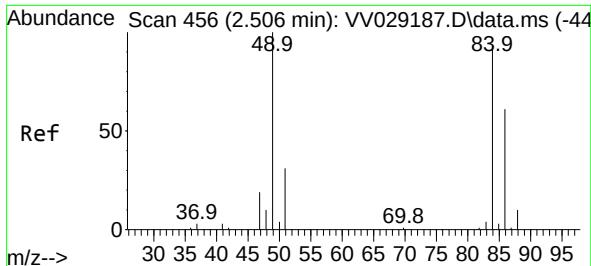
Tgt Ion: 64 Resp: 24574
Ion Ratio Lower Upper
64 100
66 4.8 22.0 40.8#



#15
Methyl Acetate
Concen: 0.822 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.013 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

Tgt Ion: 43 Resp: 3750
Ion Ratio Lower Upper
43 100
74 0.0 24.6 37.0#

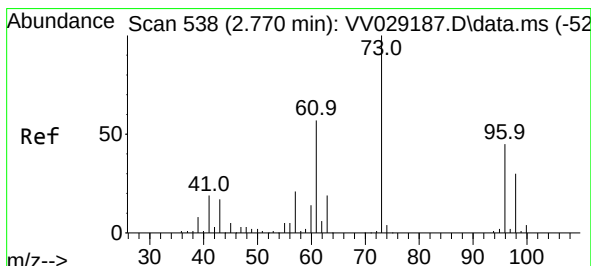
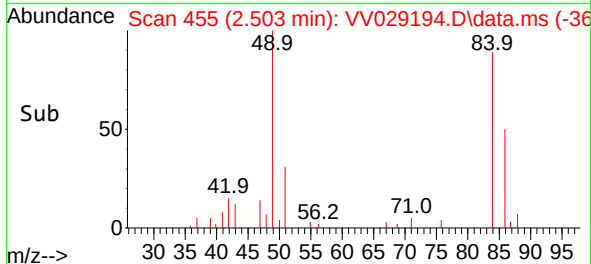
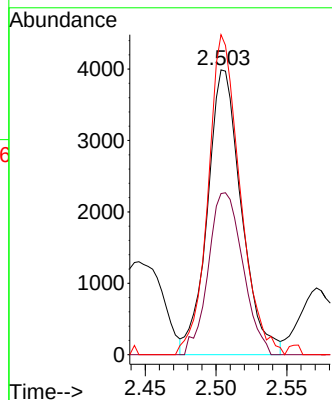
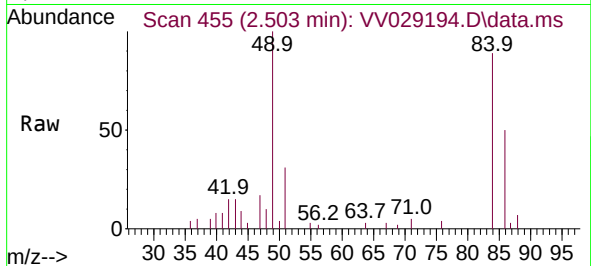




#16
Methylene chloride
Concen: 0.296 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

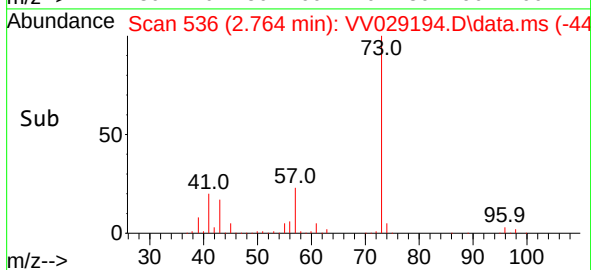
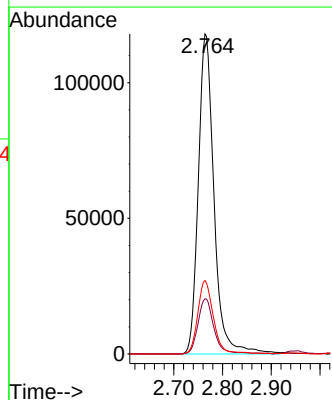
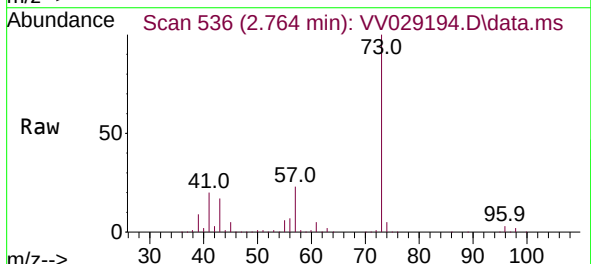
Instrument :
MSVOA_V
ClientSampleId :
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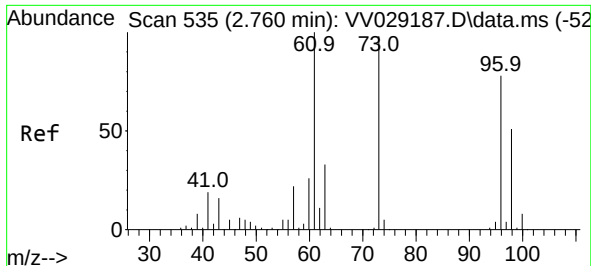
Tgt Ion: 84 Resp: 6645
Ion Ratio Lower Upper
84 100
86 56.6 45.8 85.0
49 112.4 75.5 140.1



#17
Methyl tert-butyl Ether
Concen: 7.099 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.006 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

Tgt Ion: 73 Resp: 263919
Ion Ratio Lower Upper
73 100
43 17.1 13.0 19.4
57 22.5 16.6 24.8

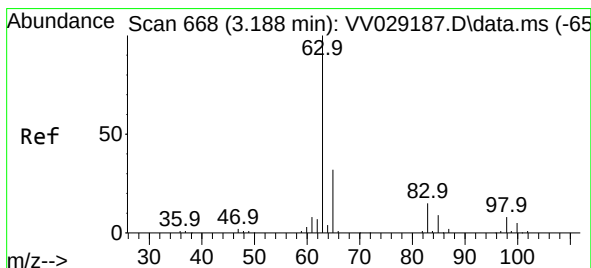
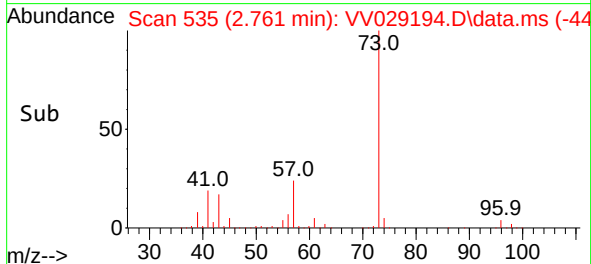
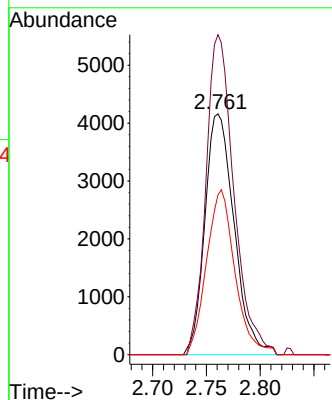
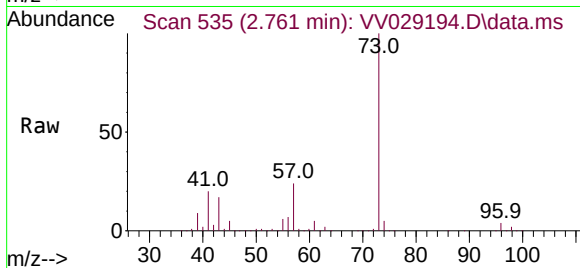




#18
 trans-1,2-Dichloroethene
 Concen: 0.392 ug/L
 RT: 2.761 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VV029194.D
 Acq: 20 Nov 2022 00:55

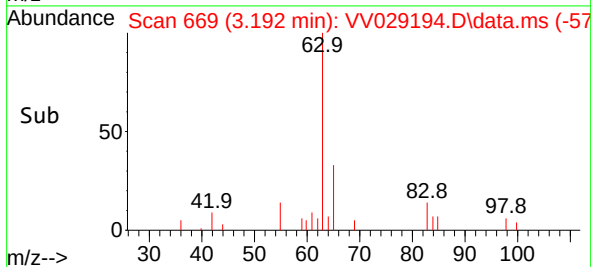
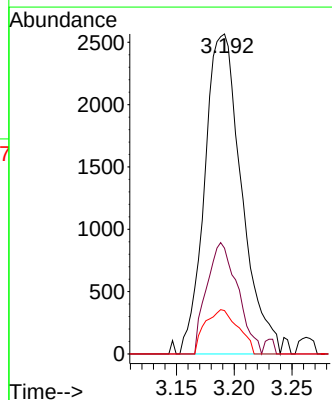
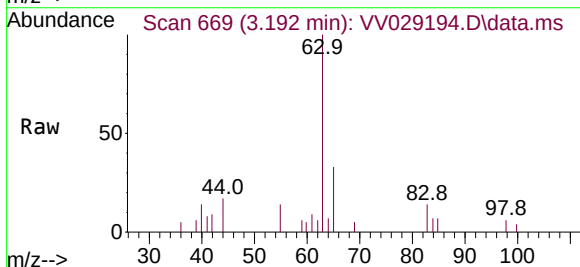
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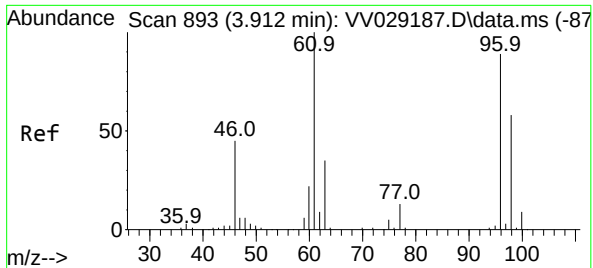
Tgt Ion:	96	Resp:	7884
Ion	Ratio	Lower	Upper
96	100		
61	132.9	91.8	170.6
98	66.3	46.4	86.2



#19
 1,1-Dichloroethane
 Concen: 0.173 ug/L
 RT: 3.192 min Scan# 669
 Delta R.T. 0.003 min
 Lab File: VV029194.D
 Acq: 20 Nov 2022 00:55

Tgt Ion:	63	Resp:	5703
Ion	Ratio	Lower	Upper
63	100		
65	33.1	23.0	42.6
83	13.6	9.4	17.6





#22

cis-1,2-Dichloroethene

Concen: 1.044 ug/L

RT: 3.909 min Scan# 89

Delta R.T. -0.003 min

Lab File: VV029194.D

Acq: 20 Nov 2022 00:55

Instrument :

MSVOA_V

ClientSampleId :

H46D9DL

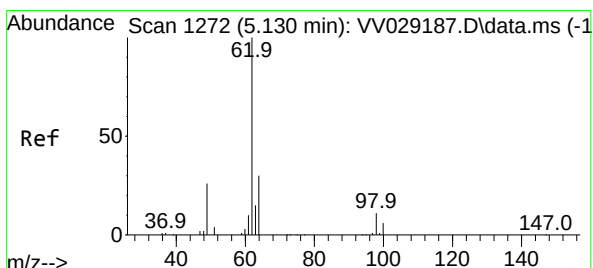
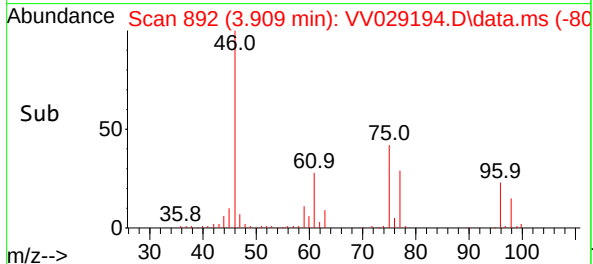
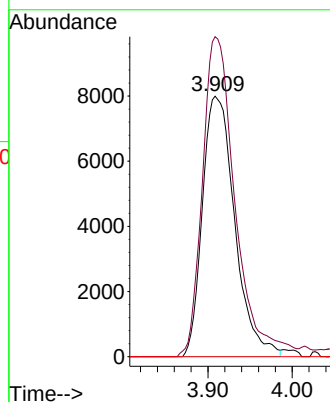
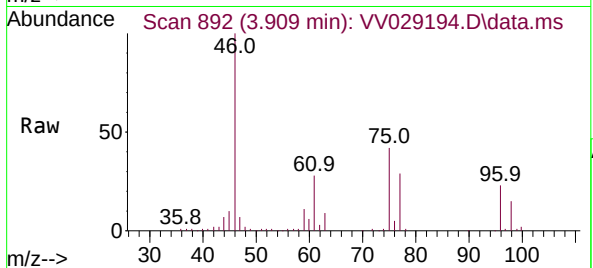
Tgt Ion: 96 Resp: 21346

Ion Ratio Lower Upper

96 100

61 122.9 82.3 152.9

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.044 min Scan# 1245

Delta R.T. -0.087 min

Lab File: VV029194.D

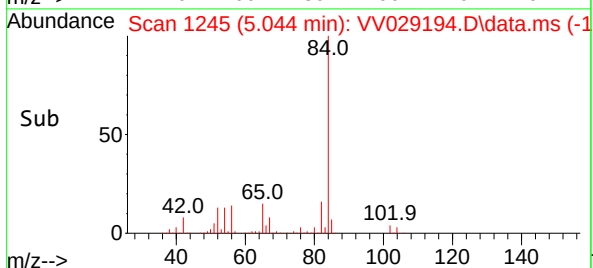
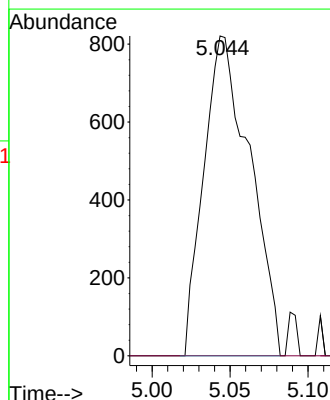
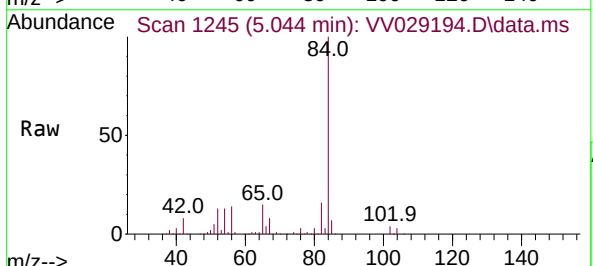
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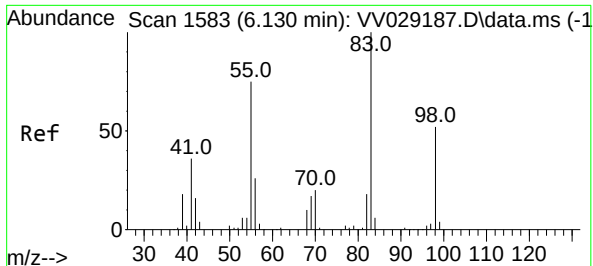
Tgt Ion: 62 Resp: 1691

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#

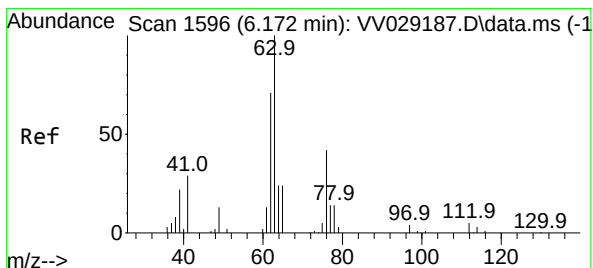
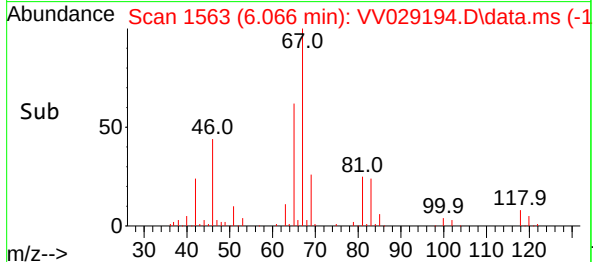
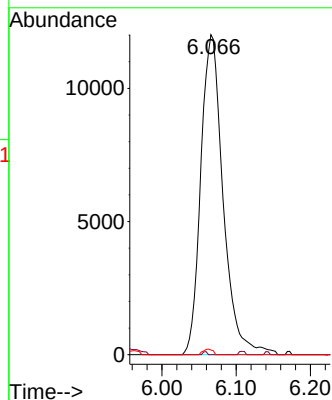
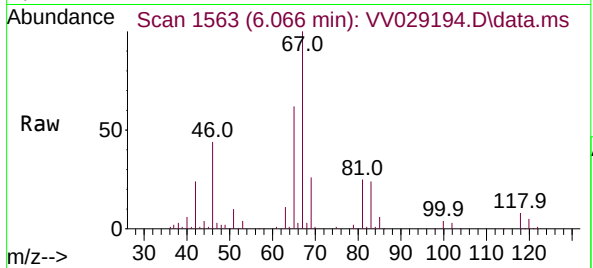




#35
Methylcyclohexane
Concen: 0.720 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

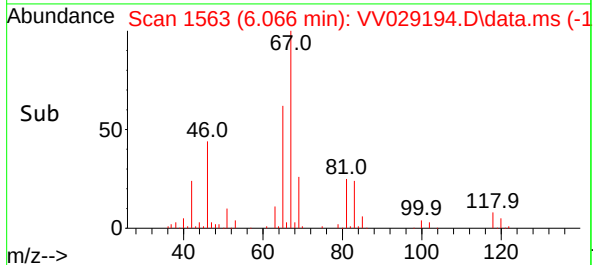
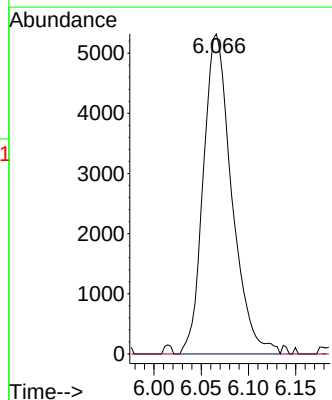
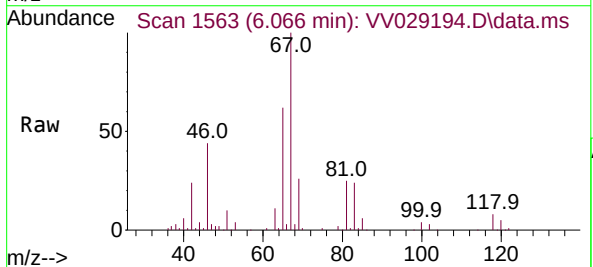
Instrument :
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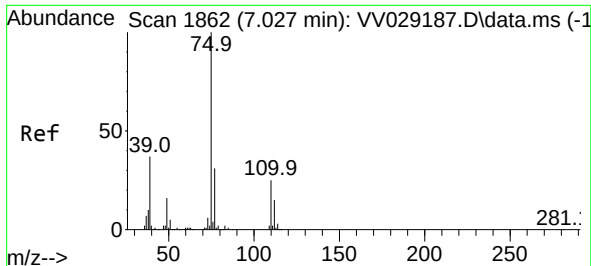
Tgt Ion: 83 Resp: 25115
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 0.7 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.106 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

Tgt Ion: 63 Resp: 11133
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV029194.D

Acq: 20 Nov 2022 00:55

Instrument :

MSVOA_V

ClientSampleId :

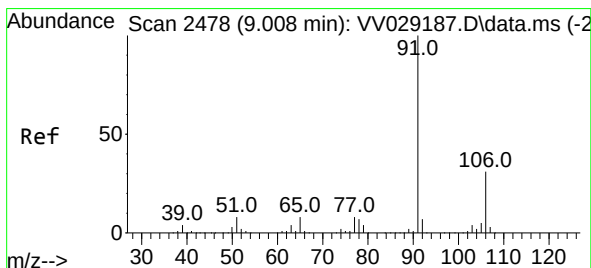
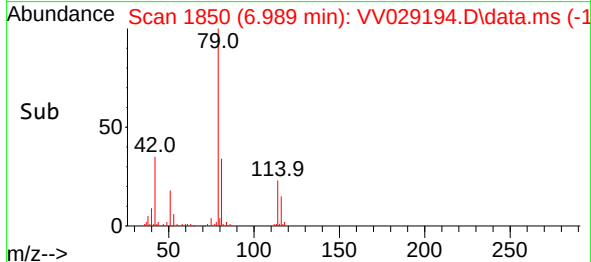
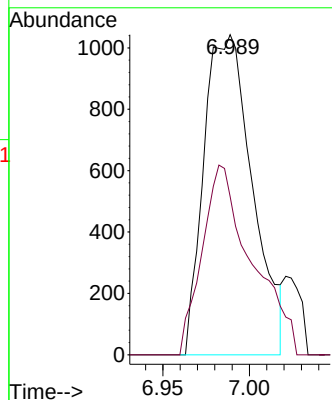
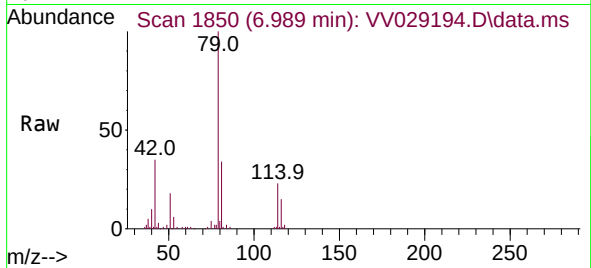
H46D9DL

Tgt Ion: 75 Resp: 2031

Ion Ratio Lower Upper

75 100

77 49.5 21.8 40.6#



#52

Ethylbenzene

Concen: 0.062 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.007 min

Lab File: VV029194.D

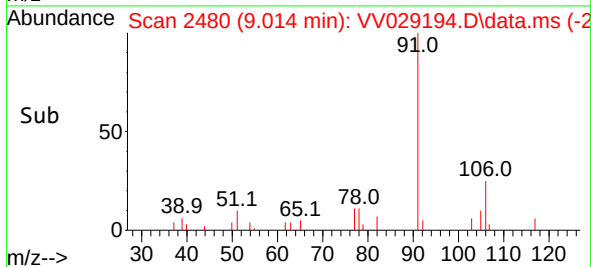
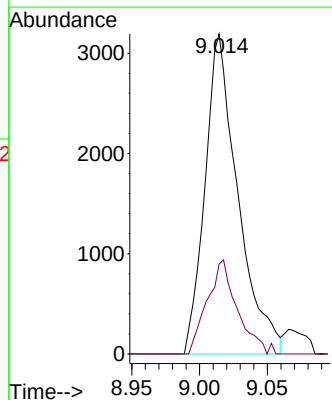
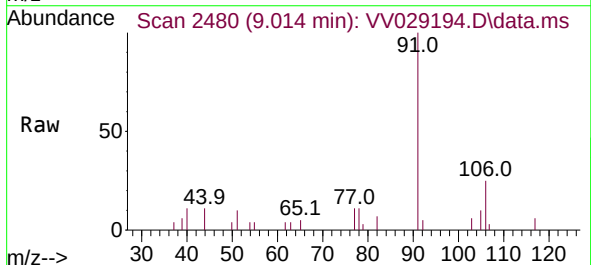
Acq: 20 Nov 2022 00:55

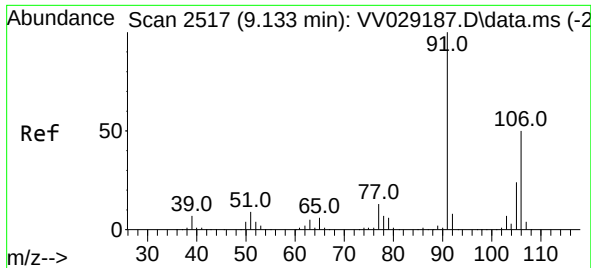
Tgt Ion: 91 Resp: 5385

Ion Ratio Lower Upper

91 100

106 28.1 21.6 40.2

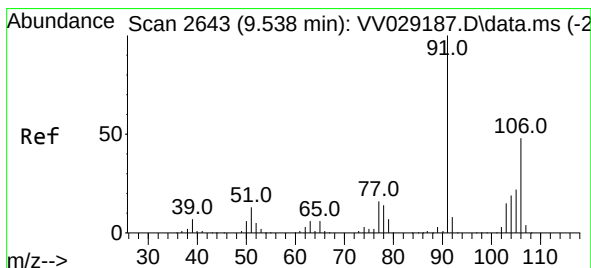
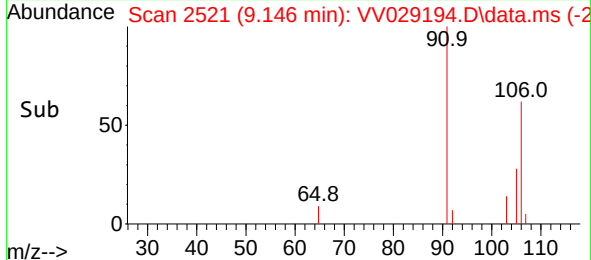
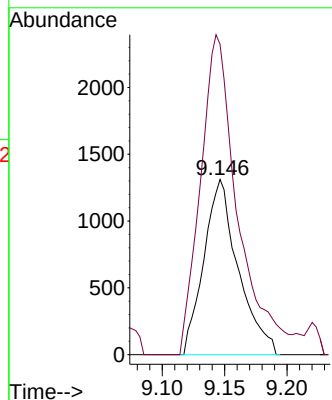
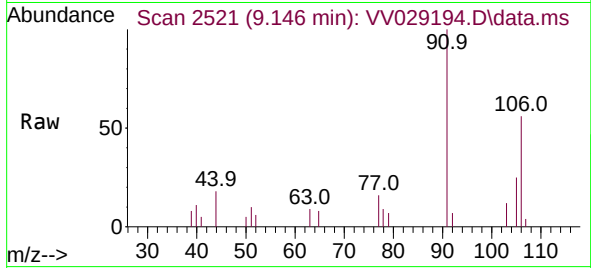




#53
m,p-Xylene
Concen: 0.072 ug/L
RT: 9.146 min Scan# 2511
Delta R.T. 0.013 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

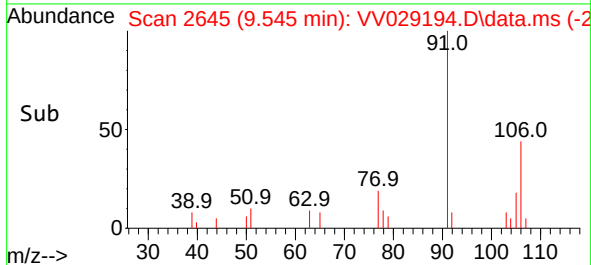
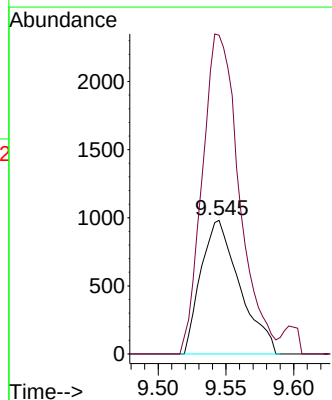
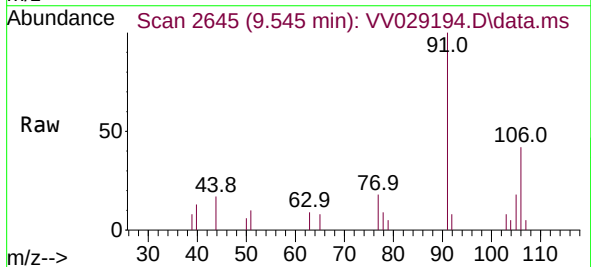
Instrument :
MSVOA_V
ClientSampleId :
H46D9DL

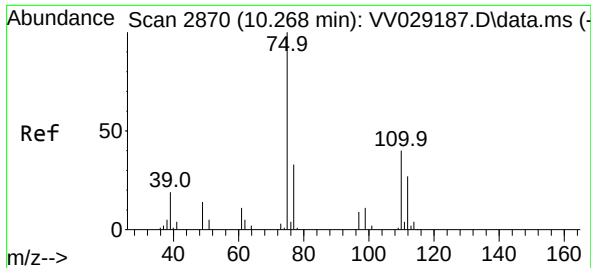
Tgt Ion:106 Resp: 2511
Ion Ratio Lower Upper
106 100
91 177.2 139.1 258.3



#54
o-Xylene
Concen: 0.059 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.007 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

Tgt Ion:106 Resp: 1959
Ion Ratio Lower Upper
106 100
91 238.5 145.7 270.7





#61

1,2,3-Trichloropropane

Concen: 1.529 ug/L

RT: 11.239 min Scan# 31

Delta R.T. 0.971 min

Lab File: VV029194.D

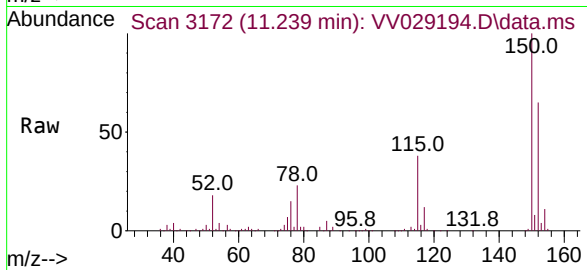
Acq: 20 Nov 2022 00:55

Instrument :

MSVOA_V

ClientSampleId :

H46D9DL



Tgt Ion:	75	Resp:	12410
Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.2	39.2
110	2.5	32.6	48.8#

