

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
 Data File : VV029174.D
 Acq On : 19 Nov 2022 16:35
 Operator : SY/MD
 Sample : N5680-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC1

Quant Time: Nov 20 00:59:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

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

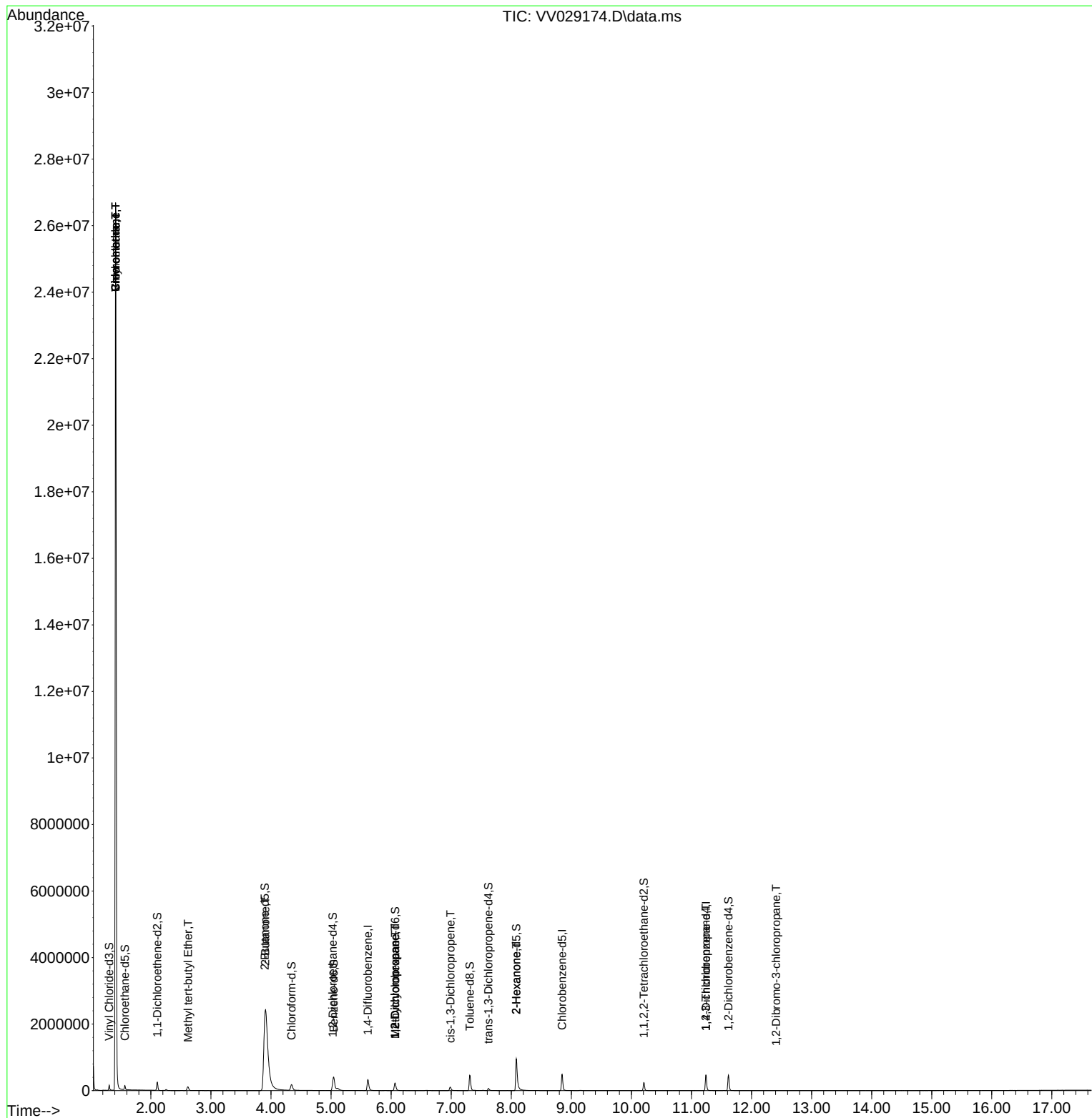
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	315901	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	294666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	133785	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	103408	5.369	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.400%		
7) Chloroethane-d5	1.568	69	82456	4.870	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 97.400%		
11) 1,1-Dichloroethene-d2	2.108	63	127373	3.629	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 72.600%		
20) 2-Butanone-d5	3.899	46	402013	124.700	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 249.400%#		
24) Chloroform-d	4.343	84	187460	4.741	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.800%		
26) 1,2-Dichloroethane-d4	5.027	65	103528	5.819	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.400%		
32) Benzene-d6	5.043	84	384641	4.373	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 87.400%		
36) 1,2-Dichloropropane-d6	6.066	67	119741	4.875	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 97.600%		
41) Toluene-d8	7.310	98	327117	4.132	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 82.600%		
43) trans-1,3-Dichloroprop...	7.619	79	43909	5.482	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 109.600%		
46) 2-Hexanone-d5	8.085	63	381635	111.617	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 223.240%#		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	121495	7.135	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 142.800%#		
66) 1,2-Dichlorobenzene-d4	11.616	152	130716	5.461	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 109.200%		
Target Compounds						Qvalue
3) Chloromethane	1.413	50	122680	5.613	ug/L	# 60
5) Vinyl chloride	1.413	62	550990	22.102	ug/L	# 84
6) Bromomethane	1.413	94	37782	2.536	ug/L	# 1
8) Chloroethane	1.413	64	295336	20.160	ug/L	# 61
17) Methyl tert-butyl Ether	2.619	73	3213	0.078	ug/L	# 1
21) 2-Butanone	3.905	43	162979	50.761	ug/L	# 66
35) Methylcyclohexane	6.066	83	29398	0.726	ug/L	# 21
37) 1,2-Dichloropropane	6.063	63	12107	0.583	ug/L	# 85
39) cis-1,3-Dichloropropene	6.989	75	2466	0.085	ug/L	# 94
48) 2-Hexanone	8.085	43	47971	7.665	ug/L	# 72
61) 1,2,3-Trichloropropane	11.239	75	14054	1.537	ug/L	# 65
68) 1,2-Dibromo-3-chloropr...	12.410	75	259	0.144	ug/L	# 2

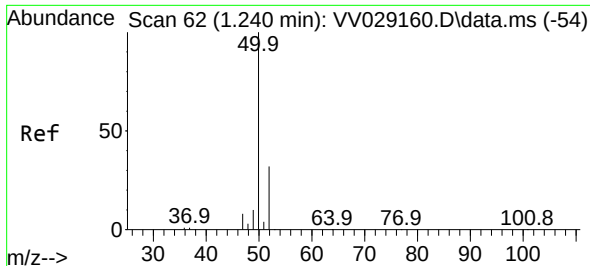
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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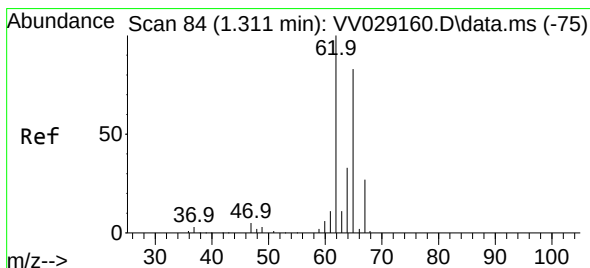
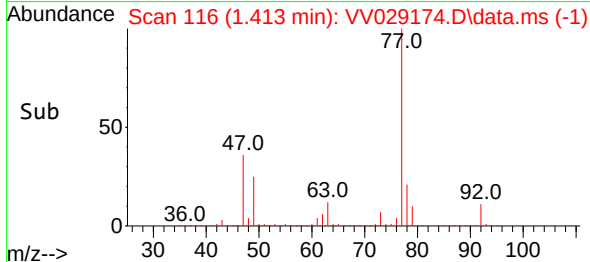
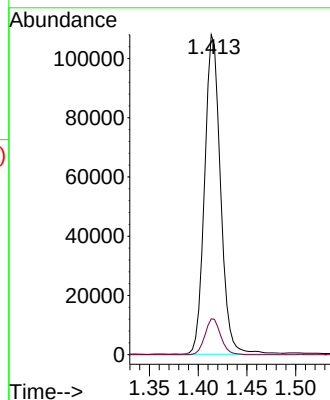
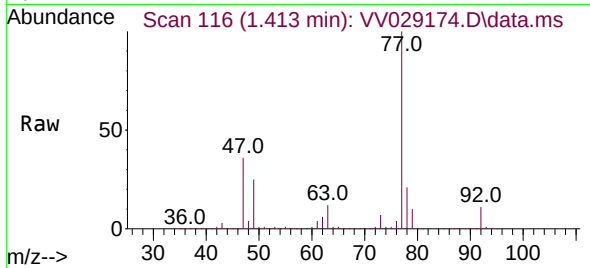




#3
Chloromethane
Concen: 5.613 ug/L
RT: 1.413 min Scan# 116
Delta R.T. 0.174 min
Lab File: VV029174.D
Acq: 19 Nov 2022 16:35

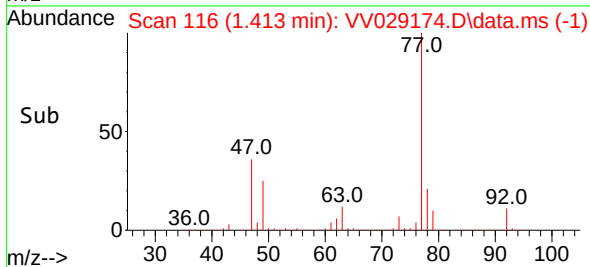
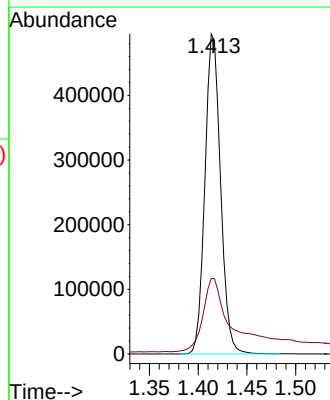
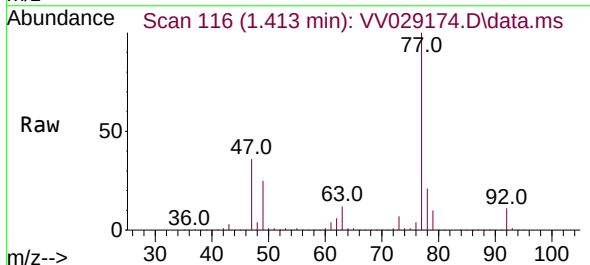
Instrument :
MSVOA_V
ClientSampleId :
H0AC1

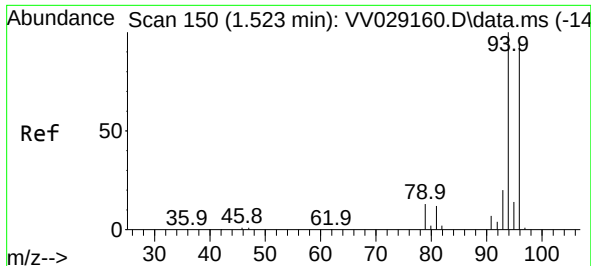
Tgt Ion: 50 Resp: 122680
Ion Ratio Lower Upper
50 100
52 11.2 23.7 43.9#



#5
Vinyl chloride
Concen: 22.102 ug/L
RT: 1.413 min Scan# 116
Delta R.T. 0.103 min
Lab File: VV029174.D
Acq: 19 Nov 2022 16:35

Tgt Ion: 62 Resp: 550990
Ion Ratio Lower Upper
62 100
64 23.6 22.8 42.4

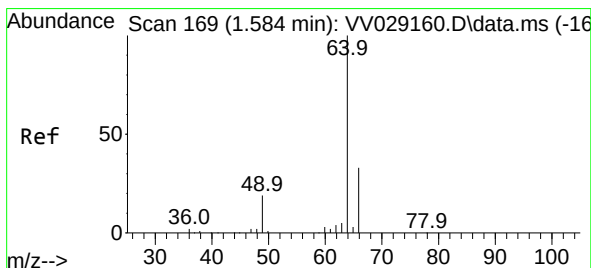
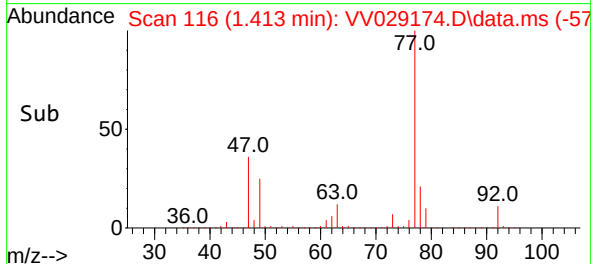
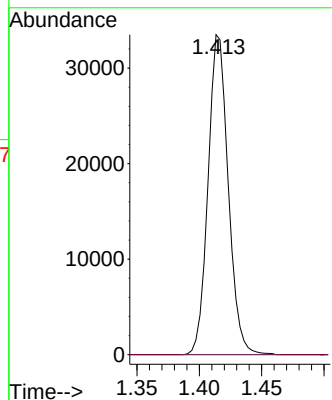
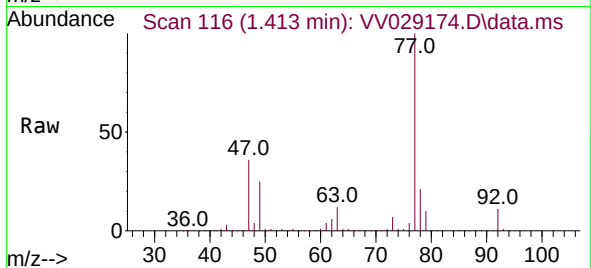




#6
Bromomethane
Concen: 2.536 ug/L
RT: 1.413 min Scan# 116
Delta R.T. -0.109 min
Lab File: VV029174.D
Acq: 19 Nov 2022 16:35

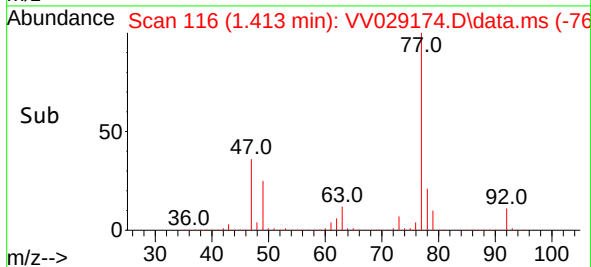
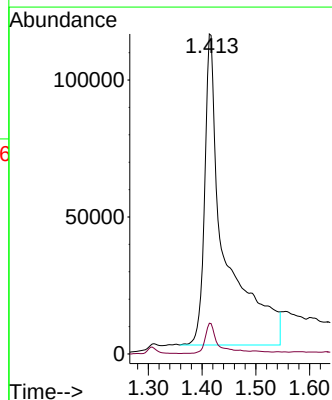
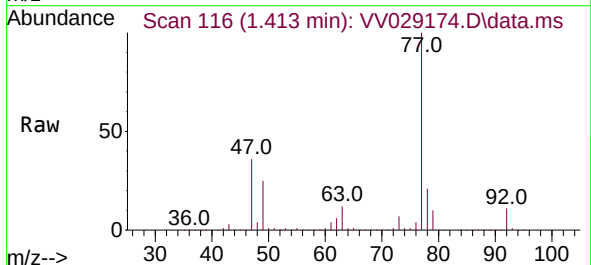
Instrument :
MSVOA_V
ClientSampleId :
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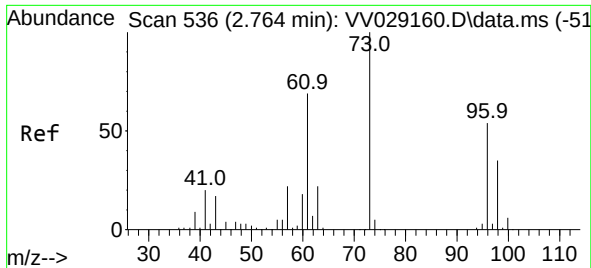
Tgt Ion: 94 Resp: 37782
Ion Ratio Lower Upper
94 100
96 0.0 68.5 127.3#



#8
Chloroethane
Concen: 20.160 ug/L
RT: 1.413 min Scan# 116
Delta R.T. -0.171 min
Lab File: VV029174.D
Acq: 19 Nov 2022 16:35

Tgt Ion: 64 Resp: 295336
Ion Ratio Lower Upper
64 100
66 9.6 22.0 40.8#

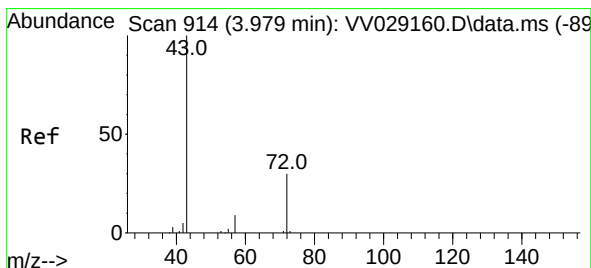
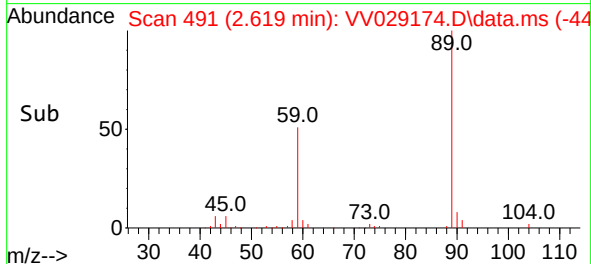
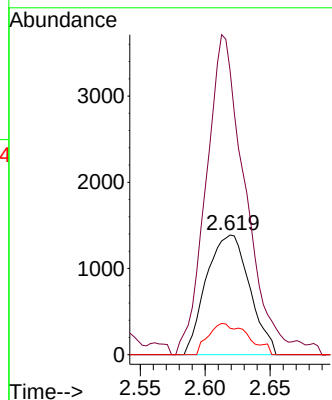
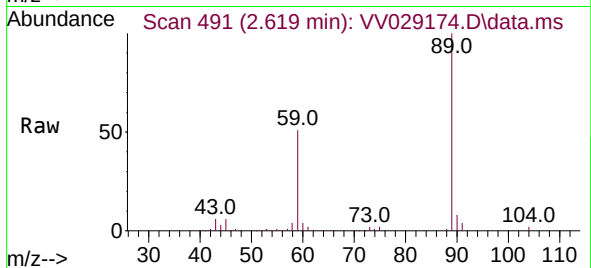




#17
Methyl tert-butyl Ether
Concen: 0.078 ug/L
RT: 2.619 min Scan# 491
Delta R.T. -0.145 min
Lab File: VV029174.D
Acq: 19 Nov 2022 16:35

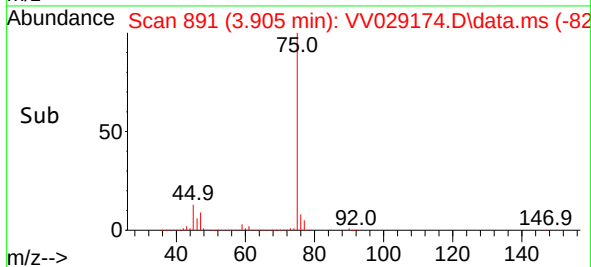
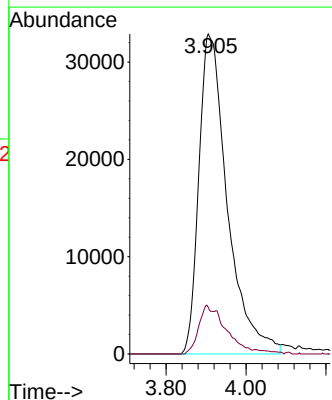
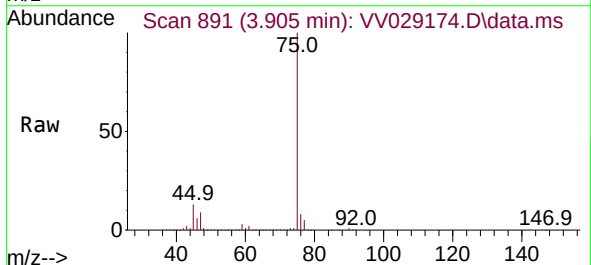
Instrument :
MSVOA_V
ClientSampleId :
H0AC1

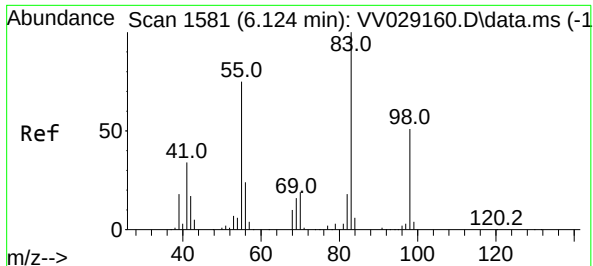
Tgt Ion: 73 Resp: 3213
Ion Ratio Lower Upper
73 100
43 244.6 13.0 19.4#
57 24.0 16.6 24.8



#21
2-Butanone
Concen: 50.761 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.074 min
Lab File: VV029174.D
Acq: 19 Nov 2022 16:35

Tgt Ion: 43 Resp: 162979
Ion Ratio Lower Upper
43 100
72 7.3 11.9 35.9#





#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV029174.D

Acq: 19 Nov 2022 16:35

Instrument :

MSVOA_V

ClientSampleId :

H0AC1

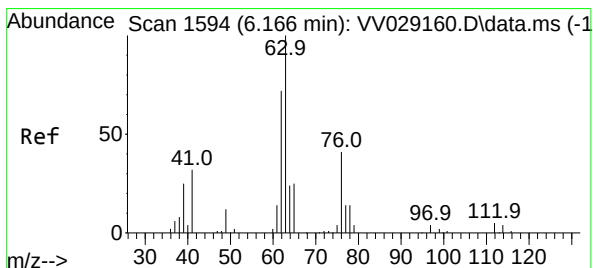
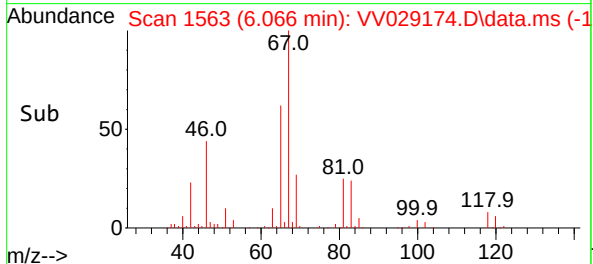
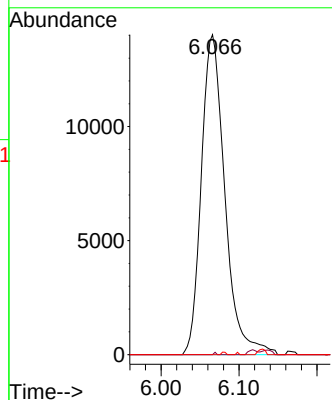
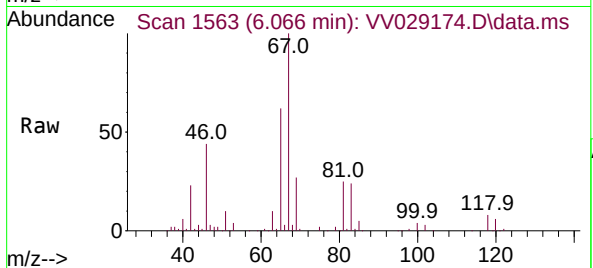
Tgt Ion: 83 Resp: 29398

Ion Ratio Lower Upper

83 100

55 0.1 55.8 83.6#

98 0.1 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.583 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV029174.D

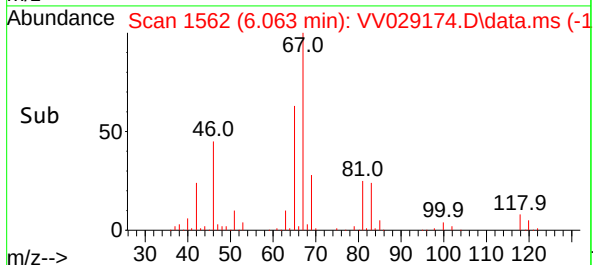
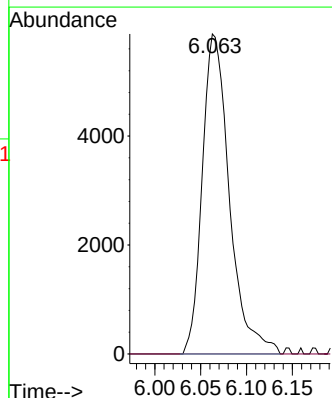
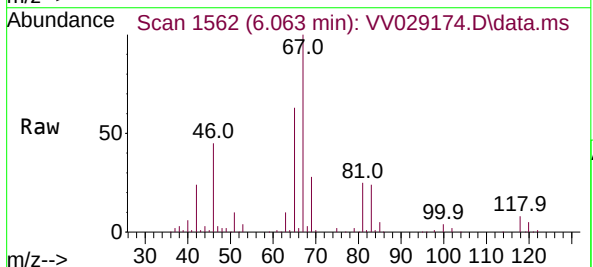
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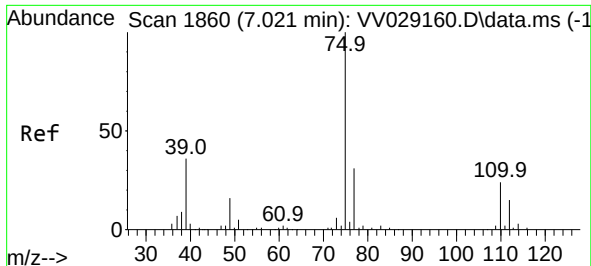
Tgt Ion: 63 Resp: 12107

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV029174.D

Acq: 19 Nov 2022 16:35

Instrument :

MSVOA_V

ClientSampleId :

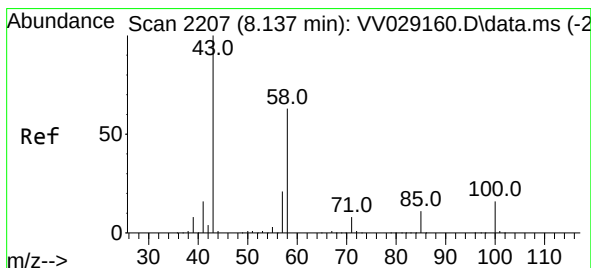
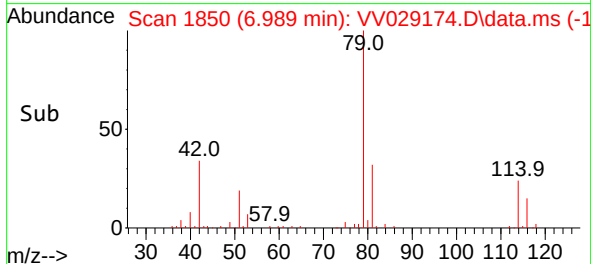
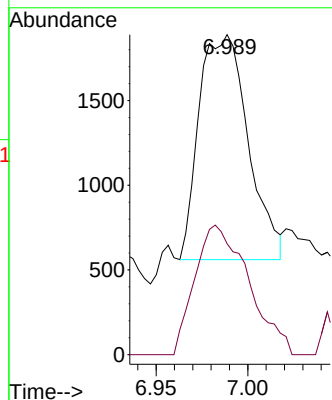
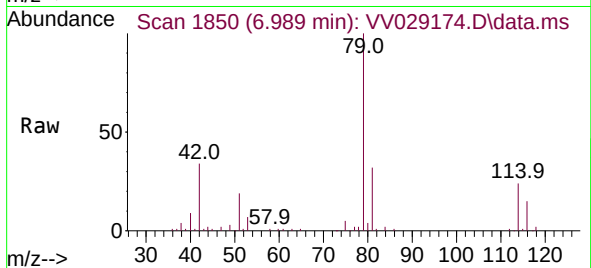
H0AC1

Tgt Ion: 75 Resp: 2466

Ion Ratio Lower Upper

75 100

77 34.7 21.8 40.6



#48

2-Hexanone

Concen: 7.665 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. -0.052 min

Lab File: VV029174.D

Acq: 19 Nov 2022 16:35

Tgt Ion: 43 Resp: 47971

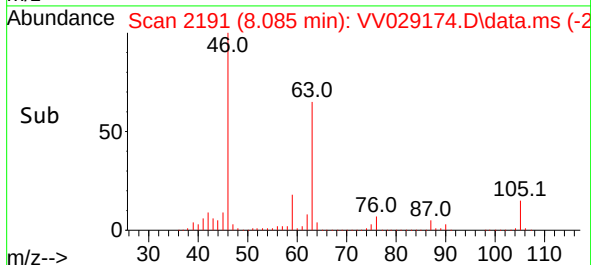
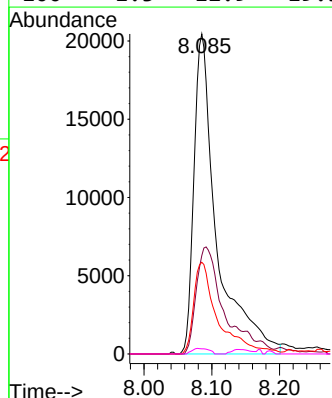
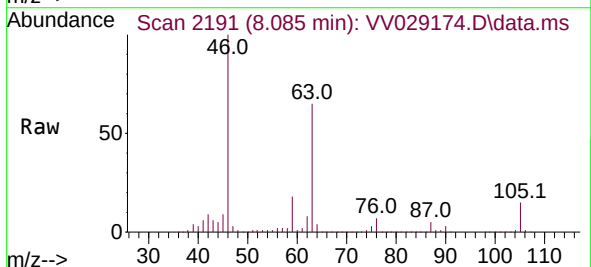
Ion Ratio Lower Upper

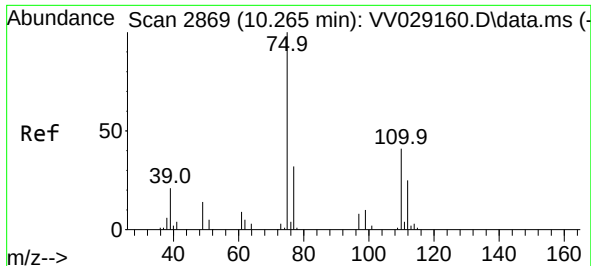
43 100

58 39.4 50.2 75.4#

57 30.5 17.8 26.8#

100 1.3 12.9 19.3#

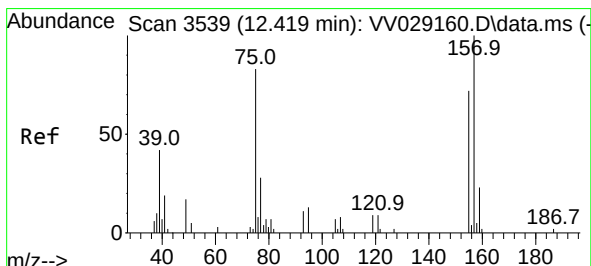
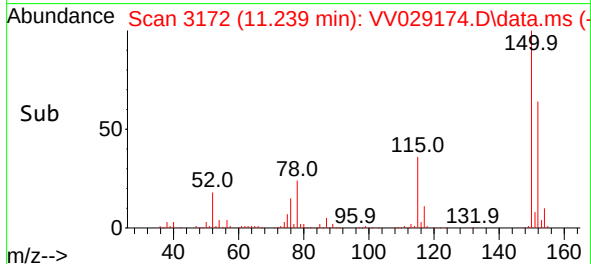
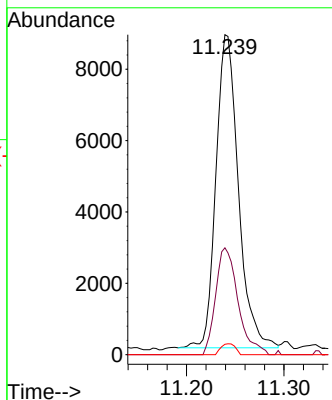
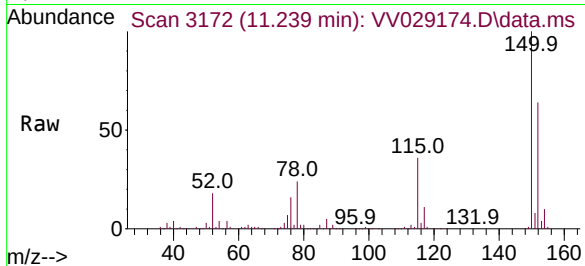




#61
 1,2,3-Trichloropropane
 Concen: 1.537 ug/L
 RT: 11.239 min Scan# 3172
 Delta R.T. 0.974 min
 Lab File: VV029174.D
 Acq: 19 Nov 2022 16:35

Instrument :
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 H0AC1

Tgt Ion: 75 Resp: 14054
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.2 39.2
 110 2.2 32.6 48.8#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.144 ug/L
 RT: 12.410 min Scan# 3536
 Delta R.T. -0.010 min
 Lab File: VV029174.D
 Acq: 19 Nov 2022 16:35

Tgt Ion: 75 Resp: 259
 Ion Ratio Lower Upper
 75 100
 155 0.0 64.8 97.2#
 157 0.0 86.3 129.5#

