

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031907.D
 Acq On : 24 Aug 2023 14:24
 Operator : SY/MD
 Sample : 04154-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 00:57:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 25 00:56:34 2023
 Response via : Initial Calibration

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

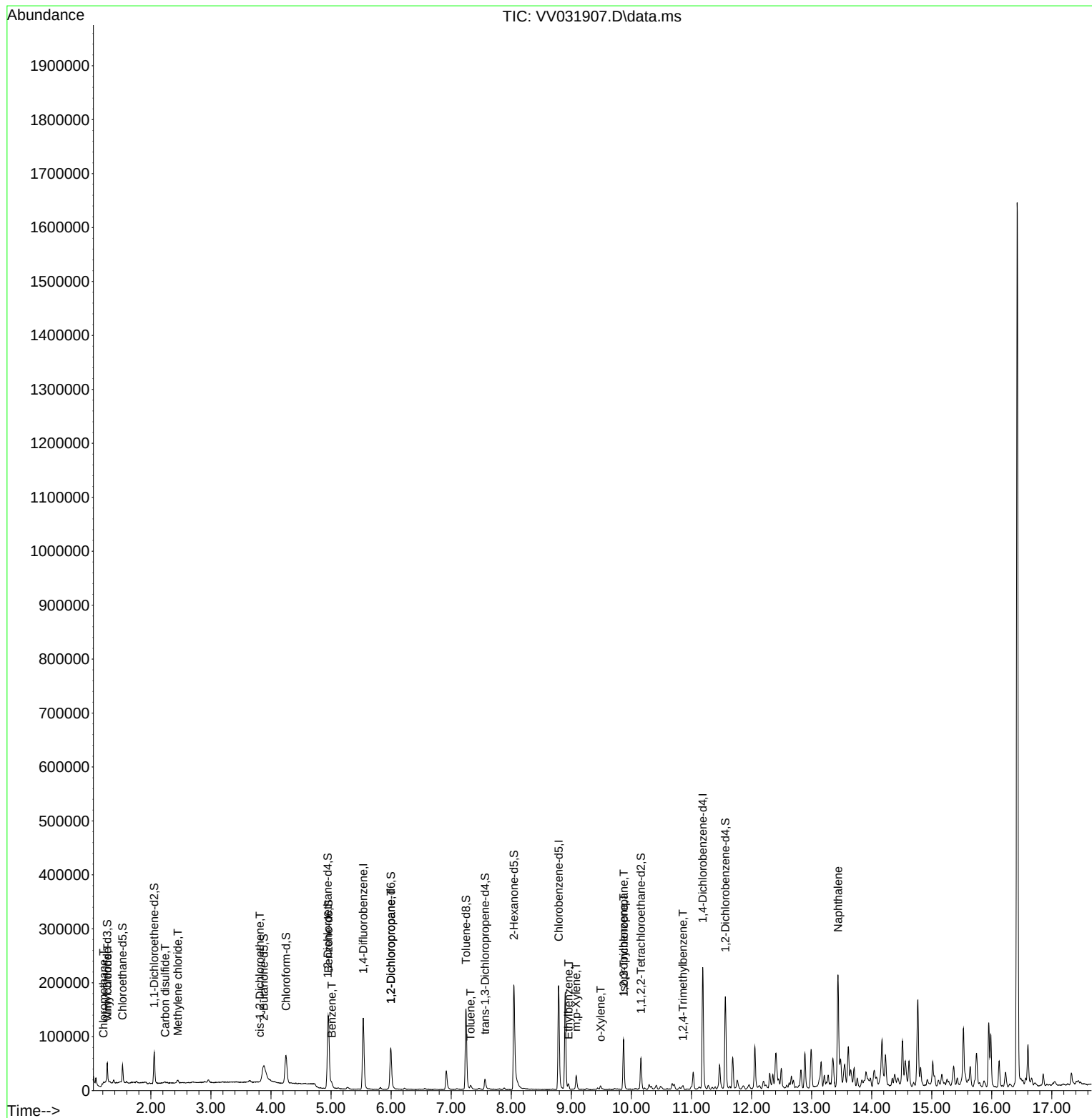
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	108419	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	100402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	53276	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	17579	4.801	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.529	69	21064	5.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.056	65	9932	4.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.883	46	95182	53.696	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.400%
24) Chloroform-d	4.249	84	54630	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	4.947	65	30685	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	4.956	84	108502	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	5.995	67	37592	4.666	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.246	98	97761	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.564	79	13040	4.439	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.043	63	73879	47.167	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.340%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	28939	5.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	40325	4.674	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
3) Chloromethane	1.211	50	1681	0.253	ug/L	98
5) Vinyl chloride	1.278	62	510	0.075	ug/L #	3
14) Carbon disulfide	2.236	76	1651	0.120	ug/L #	53
16) Methylene chloride	2.449	84	2057	0.259	ug/L	83
22) cis-1,2-Dichloroethene	3.812	96	1047	0.164	ug/L	82
33) Benzene	5.011	78	10284	0.445	ug/L	100
37) 1,2-Dichloropropane	5.995	63	4329	0.679	ug/L #	87
42) Toluene	7.323	91	5242	0.204	ug/L	97
52) Ethylbenzene	8.953	91	6537	0.221	ug/L	93
53) m,p-Xylene	9.082	106	6827	0.614	ug/L	96
54) o-Xylene	9.487	106	1698	0.158	ug/L	97
60) Isopropylbenzene	9.869	105	59183	1.998	ug/L	99
61) 1,2,3-Trichloropropane	9.873	75	627	0.160	ug/L #	1
63) 1,2,4-Trimethylbenzene	10.860	105	3768	0.151	ug/L	92
71) Naphthalene	13.442	128	115591	6.904	ug/L	100

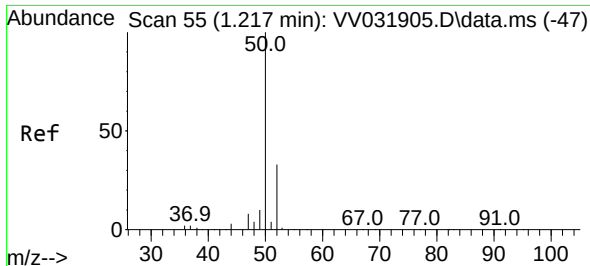
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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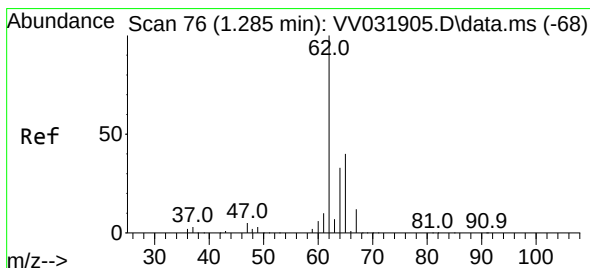
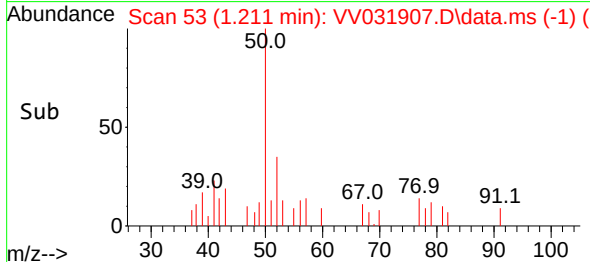
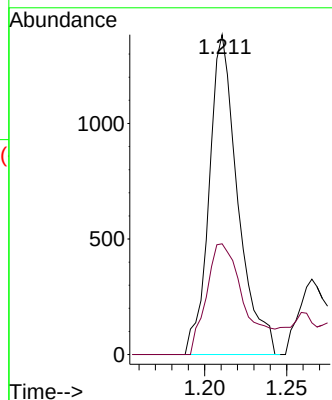
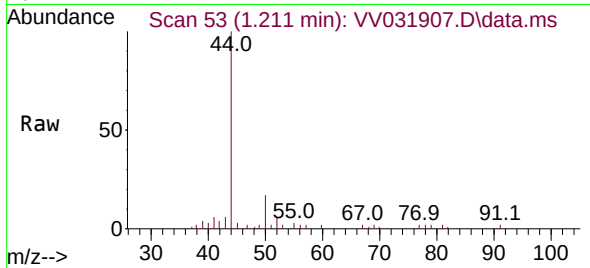




#3
Chloromethane
Concen: 0.253 ug/L
RT: 1.211 min Scan# 51
Delta R.T. -0.007 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

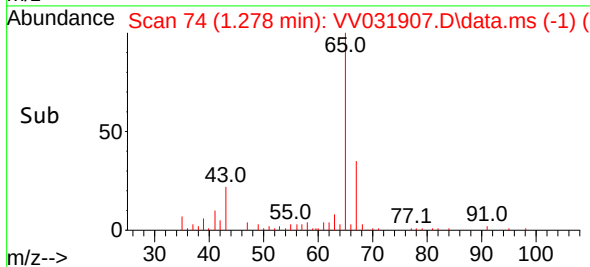
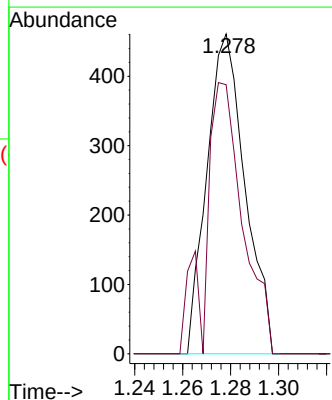
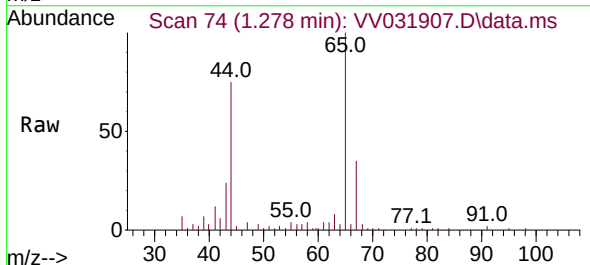
Instrument :
MSVOA_V
ClientSampleId :

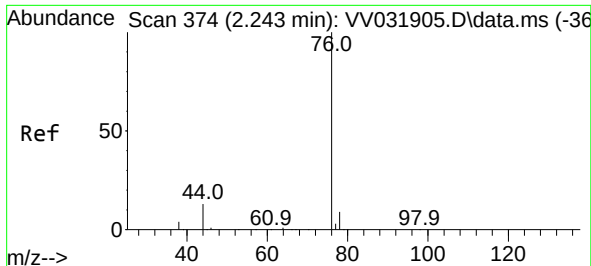
Tgt Ion: 50 Resp: 1681
Ion Ratio Lower Upper
50 100
52 34.6 23.3 43.3



#5
Vinyl chloride
Concen: 0.075 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.007 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

Tgt Ion: 62 Resp: 510
Ion Ratio Lower Upper
62 100
64 84.2 21.7 40.3#

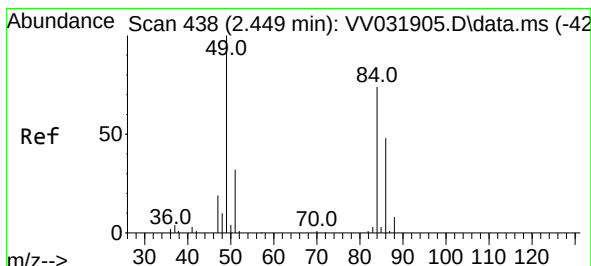
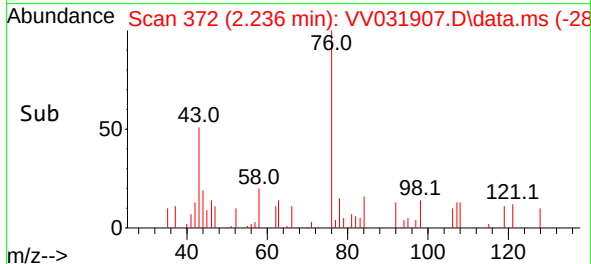
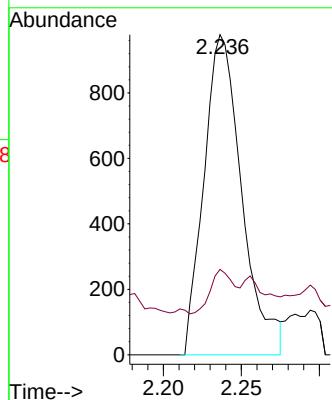
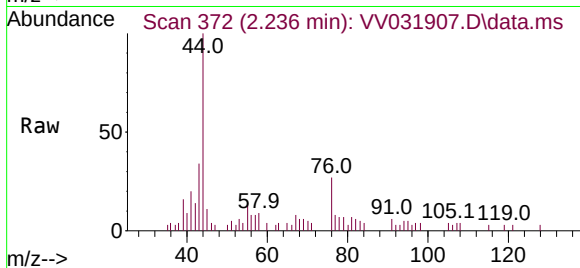




#14
Carbon disulfide
Concen: 0.120 ug/L
RT: 2.236 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

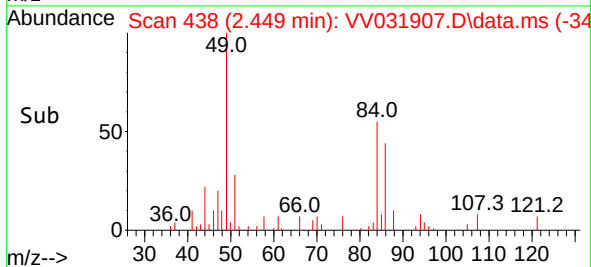
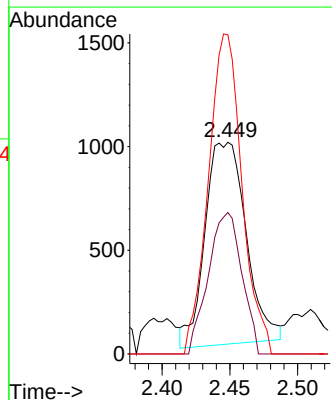
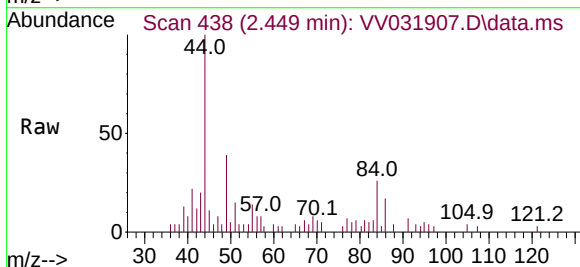
Instrument :
MSVOA_V
ClientSampleId :

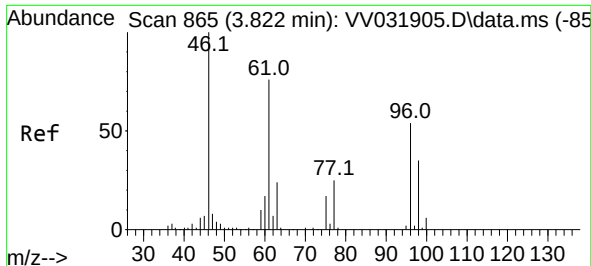
Tgt Ion: 76 Resp: 1651
Ion Ratio Lower Upper
76 100
78 26.7 7.7 11.5#



#16
Methylene chloride
Concen: 0.259 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

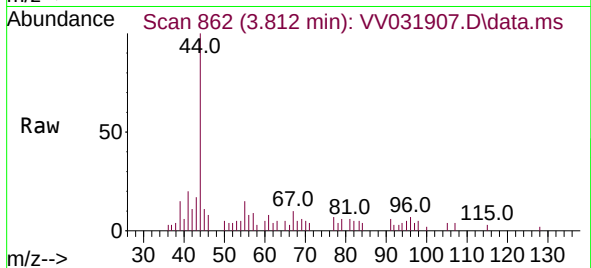
Tgt Ion: 84 Resp: 2057
Ion Ratio Lower Upper
84 100
86 66.8 42.6 79.2
49 150.7 88.5 164.4





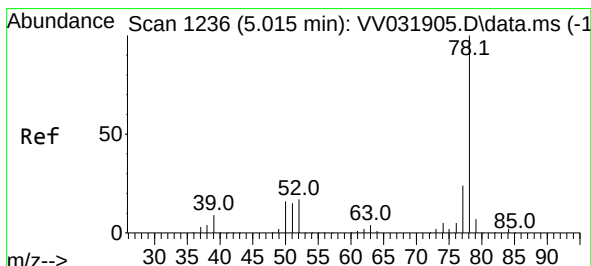
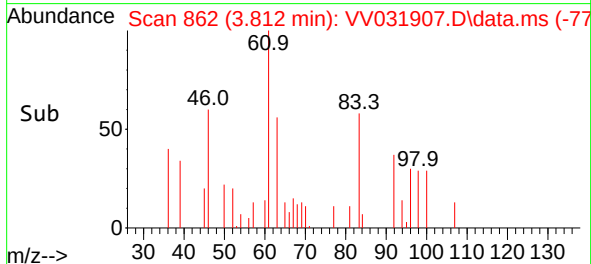
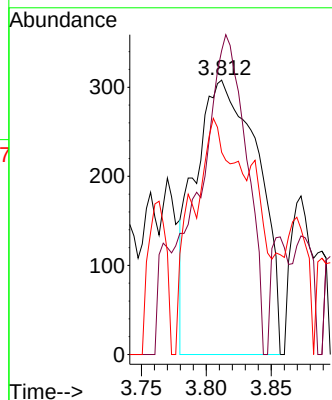
#22
 cis-1,2-Dichloroethene
 Concen: 0.164 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. -0.010 min
 Lab File: VV031907.D
 Acq: 24 Aug 2023 14:24

Instrument :
 MSVOA_V
 ClientSampleId :



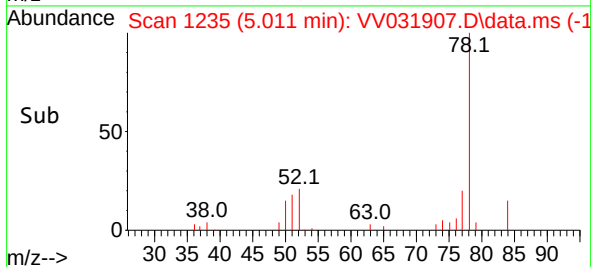
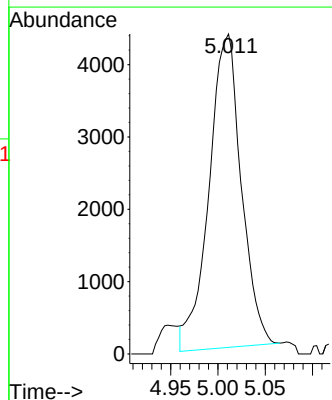
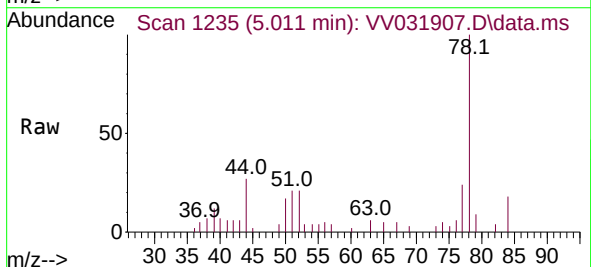
Tgt Ion: 96 Resp: 1047

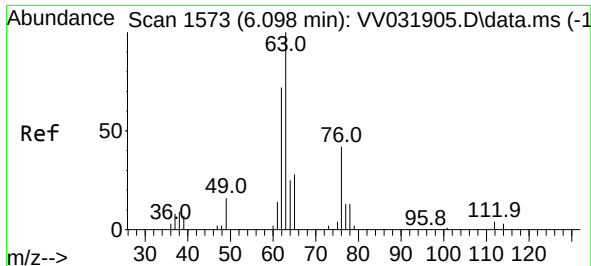
Ion	Ratio	Lower	Upper
96	100		
61	110.7	94.1	174.8
98	73.7	43.8	81.4



#33
 Benzene
 Concen: 0.445 ug/L
 RT: 5.011 min Scan# 1235
 Delta R.T. -0.003 min
 Lab File: VV031907.D
 Acq: 24 Aug 2023 14:24

Tgt Ion: 78 Resp: 10284





#37

1,2-Dichloropropane

Concen: 0.679 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV031907.D

Acq: 24 Aug 2023 14:24

Instrument :

MSVOA_V

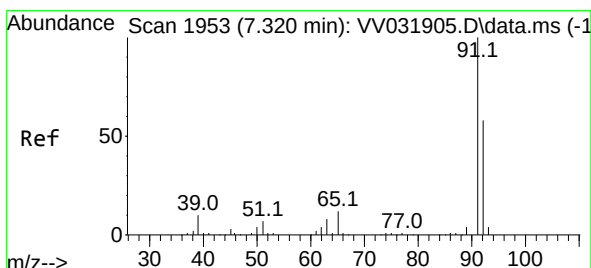
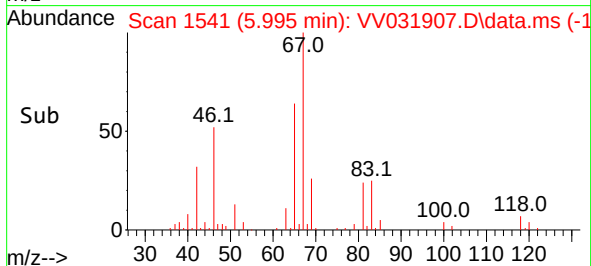
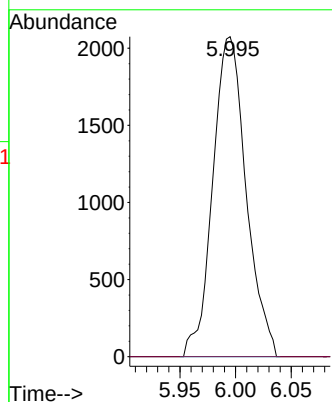
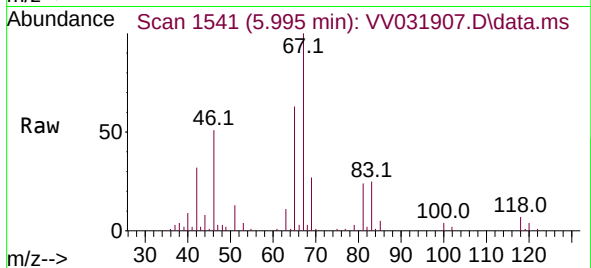
ClientSampleId :

Tgt Ion: 63 Resp: 4329

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#42

Toluene

Concen: 0.204 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV031907.D

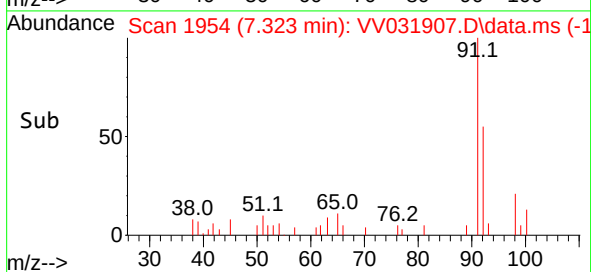
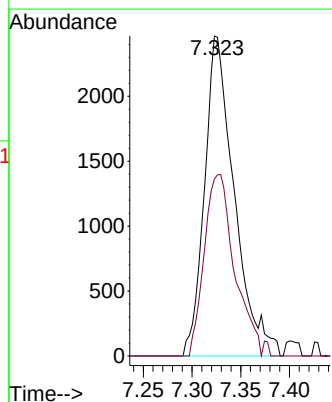
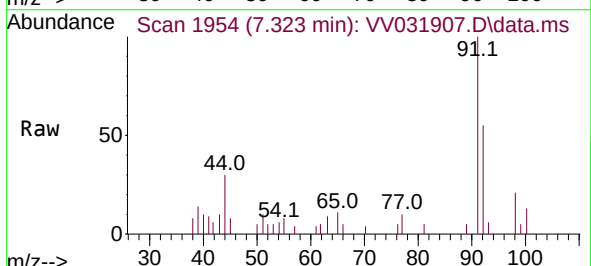
Acq: 24 Aug 2023 14:24

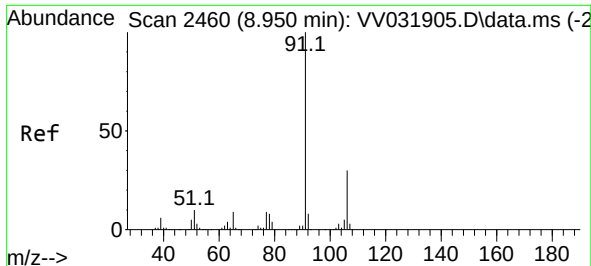
Tgt Ion: 91 Resp: 5242

Ion Ratio Lower Upper

91 100

92 55.3 40.5 75.1

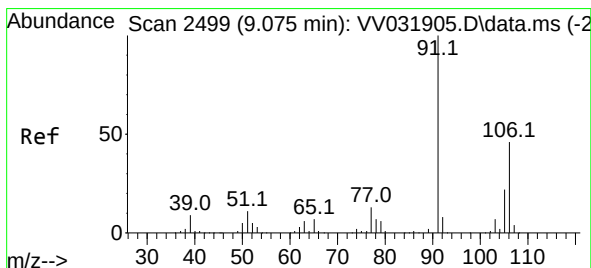
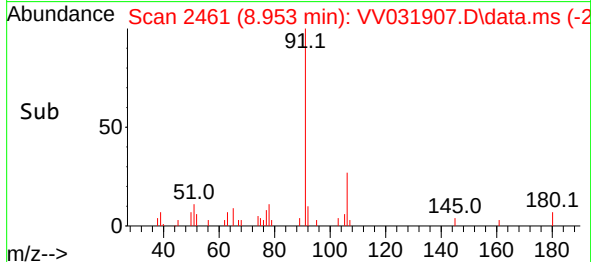
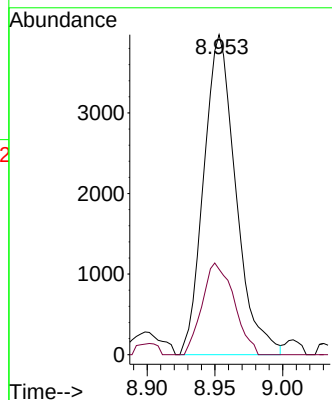
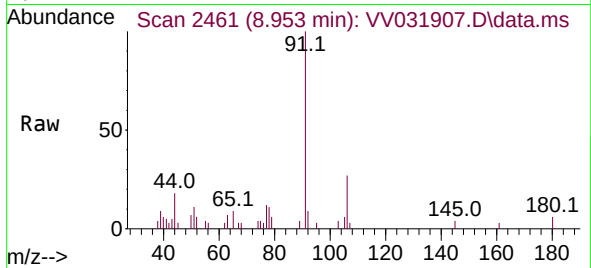




#52
Ethylbenzene
Concen: 0.221 ug/L
RT: 8.953 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

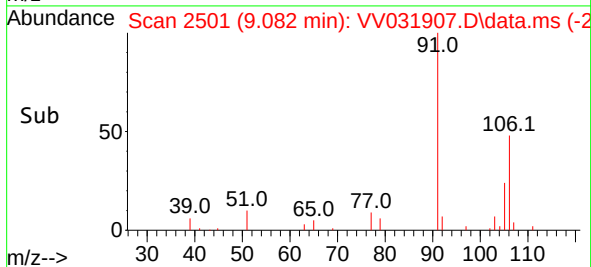
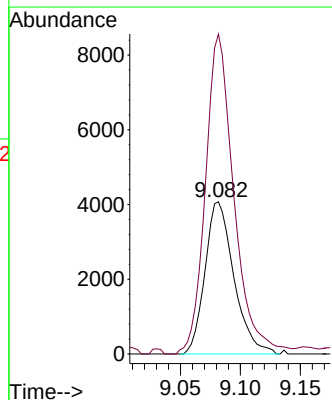
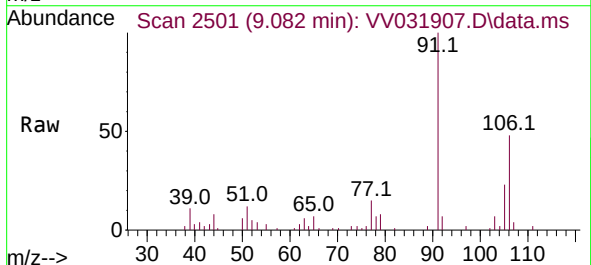
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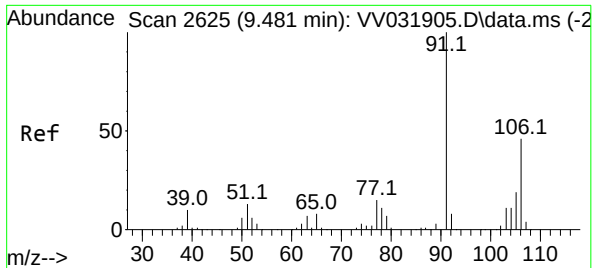
Tgt Ion: 91 Resp: 6537
Ion Ratio Lower Upper
91 100
106 26.7 21.3 39.5



#53
m,p-Xylene
Concen: 0.614 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.006 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

Tgt Ion: 106 Resp: 6827
Ion Ratio Lower Upper
106 100
91 210.3 142.7 265.1

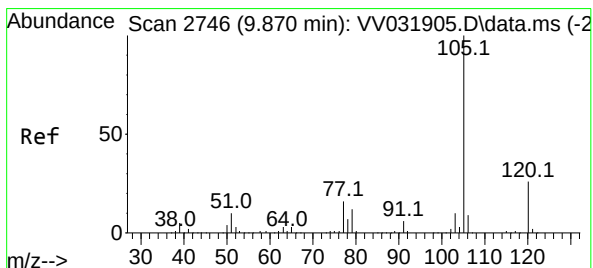
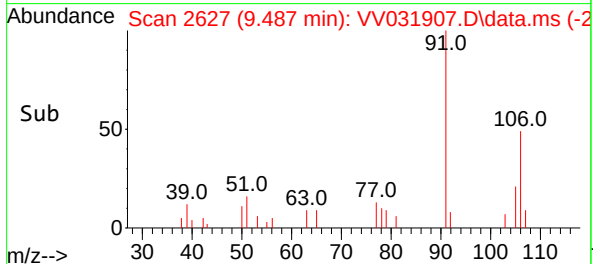
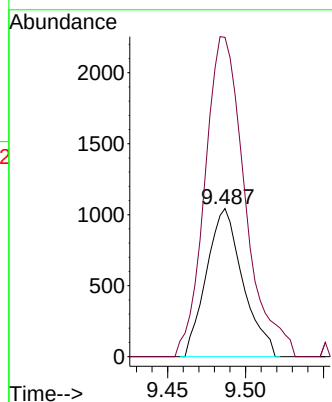
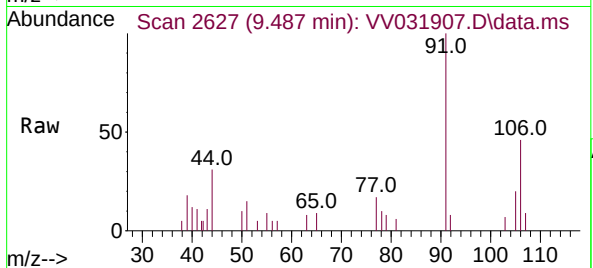




#54
o-Xylene
Concen: 0.158 ug/L
RT: 9.487 min Scan# 2625
Delta R.T. 0.006 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

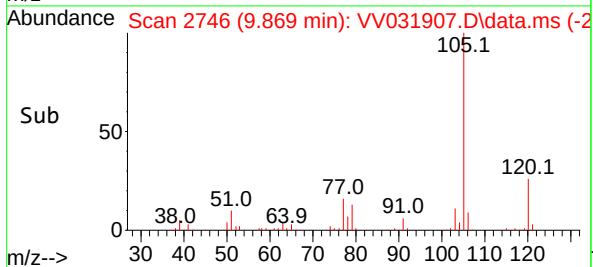
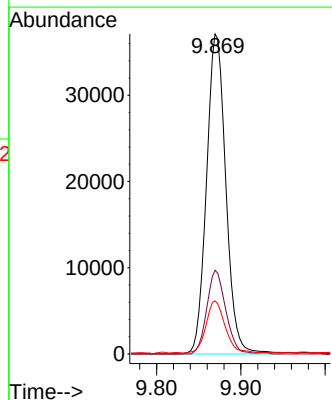
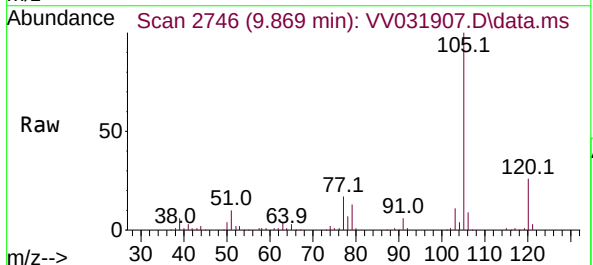
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MSVOA_V
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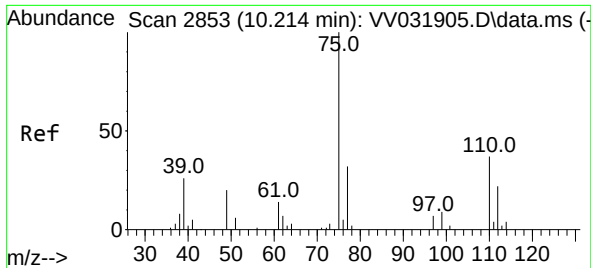
Tgt Ion:106 Resp: 1698
Ion Ratio Lower Upper
106 100
91 215.4 154.7 287.3



#60
Isopropylbenzene
Concen: 1.998 ug/L
RT: 9.869 min Scan# 2746
Delta R.T. -0.000 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

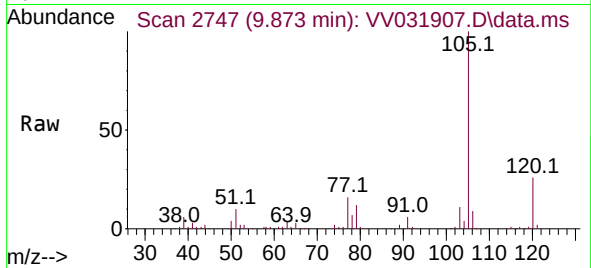
Tgt Ion:105 Resp: 59183
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 16.6 13.7 20.5



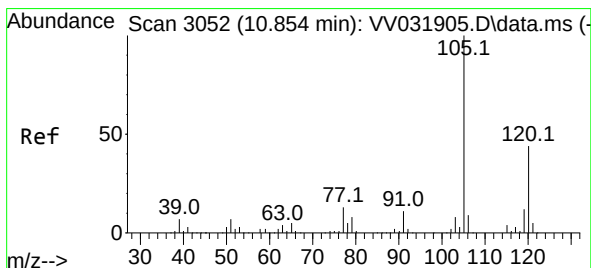
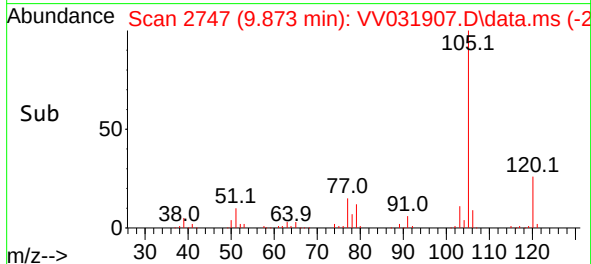
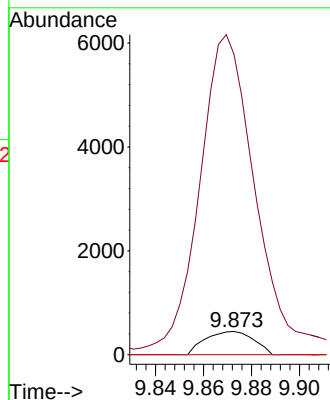


#61
 1,2,3-Trichloropropane
 Concen: 0.160 ug/L
 RT: 9.873 min Scan# 21
 Delta R.T. -0.341 min
 Lab File: VV031907.D
 Acq: 24 Aug 2023 14:24

Instrument :
 MSVOA_V
 ClientSampleId :

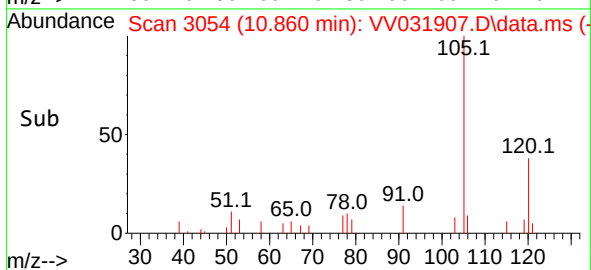
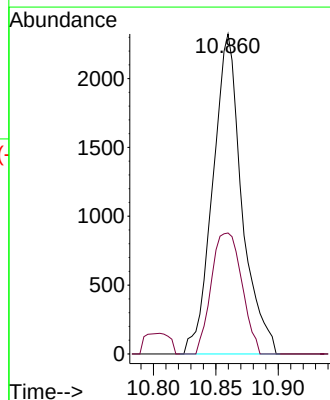
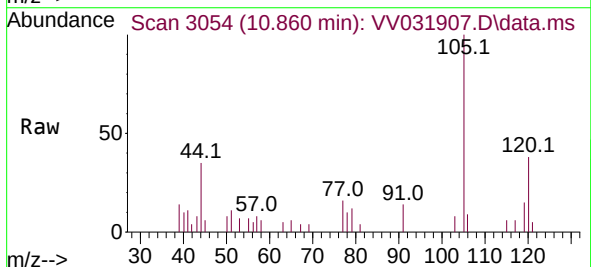


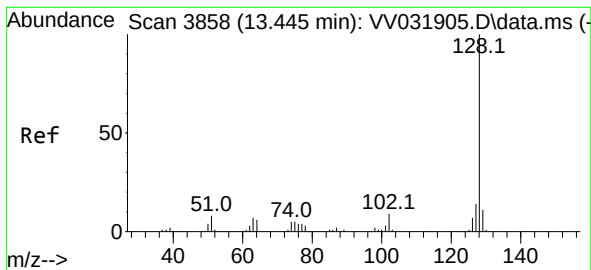
Tgt Ion: 75 Resp: 627
 Ion Ratio Lower Upper
 75 100
 77 1567.0 28.8 43.2#
 110 0.0 30.2 45.2#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.151 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.006 min
 Lab File: VV031907.D
 Acq: 24 Aug 2023 14:24

Tgt Ion: 105 Resp: 3768
 Ion Ratio Lower Upper
 105 100
 120 39.6 35.8 53.8





#71

Naphthalene

Concen: 6.904 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.003 min

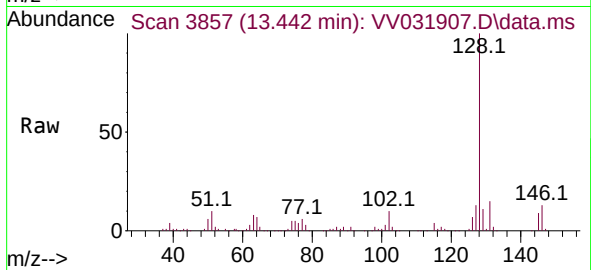
Lab File: VV031907.D

Acq: 24 Aug 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 115591

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

127 13.5 10.8 16.2

