

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026055.D
 Acq On : 09 Jun 2022 15:21
 Operator : SY/MD
 Sample : N3247-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW2

Quant Time: Jun 10 02:52:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 02:49:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	187470	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	184790	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	83412	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	46376	4.214	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.581	69	53278	4.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.121	63	73652	2.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.908	46	88426	54.328	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.660%
24) Chloroform-d	4.362	84	116023	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.043	65	49702	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.060	84	203068	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.076	67	70801	5.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.320	98	157333	3.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	7.629	79	18123	4.456	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.092	63	89213	49.845	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48676	5.226	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	67611	5.298	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	1474	0.080	ug/L	99
5) Vinyl chloride	1.323	62	25774	1.195	ug/L	98
8) Chloroethane	1.597	64	559378	42.157	ug/L	100
17) Methyl tert-butyl Ether	2.783	73	4505	0.184	ug/L #	71
18) trans-1,2-Dichloroethene	2.777	96	9538	0.671	ug/L	93
19) 1,1-Dichloroethane	3.201	63	895925	34.636	ug/L	99
22) cis-1,2-Dichloroethene	3.928	96	44681	3.188	ug/L	95
25) Chloroform	4.394	83	5133	0.193	ug/L	98
29) 1,1,1-Trichloroethane	4.619	97	363603	14.995	ug/L	100
30) Cyclohexane	4.687	56	1888	0.090	ug/L #	71
33) Benzene	5.124	78	2843	0.049	ug/L	100
34) Trichloroethene	5.918	95	150099	9.893	ug/L	98
35) Methylcyclohexane	6.140	83	6367	0.272	ug/L	94
47) Tetrachloroethene	7.979	164	12165	1.036	ug/L	95
52) Ethylbenzene	9.021	91	4381	0.069	ug/L	100
60) Isopropylbenzene	9.934	105	56368	1.017	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	19334	0.830	ug/L	98

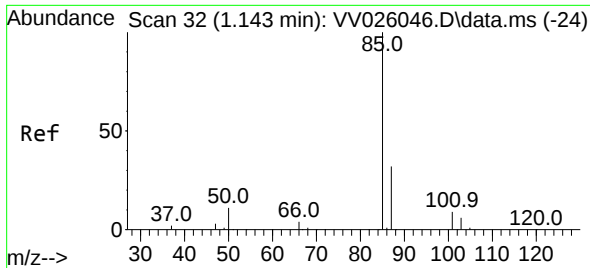
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Data File : VV026055.D
Acq On : 09 Jun 2022 15:21
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 10 02:49:22 2022
Response via : Initial Calibration

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

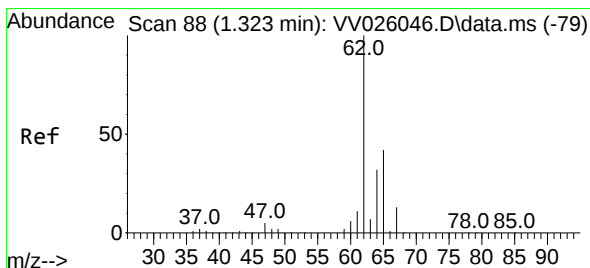
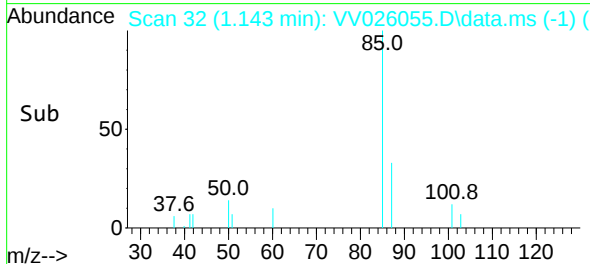
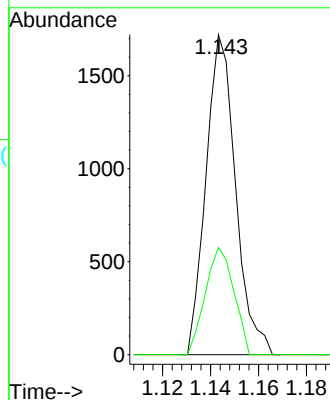
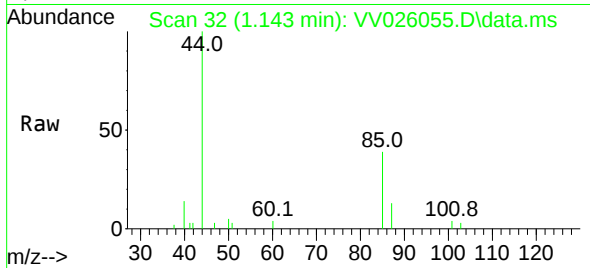
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#2
 Dichlorodifluoromethane
 Concen: 0.080 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV026055.D
 Acq: 09 Jun 2022 15:21

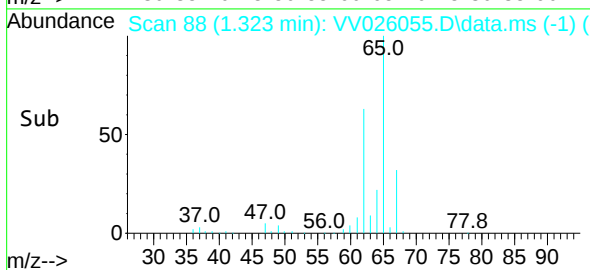
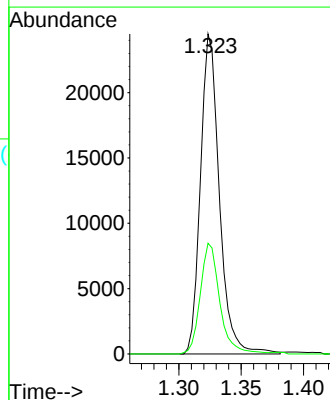
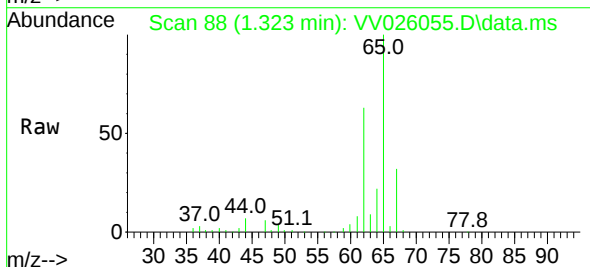
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW2

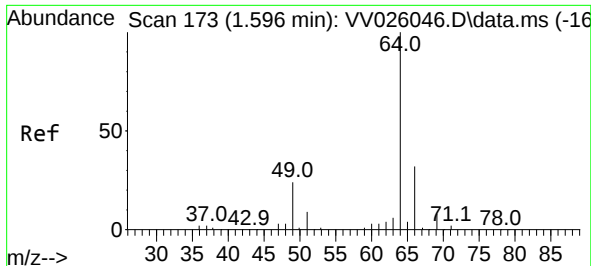
Tgt Ion: 85 Resp: 1474
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.3 37.9



#5
 Vinyl chloride
 Concen: 1.195 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. 0.000 min
 Lab File: VV026055.D
 Acq: 09 Jun 2022 15:21

Tgt Ion: 62 Resp: 25774
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.4 43.4

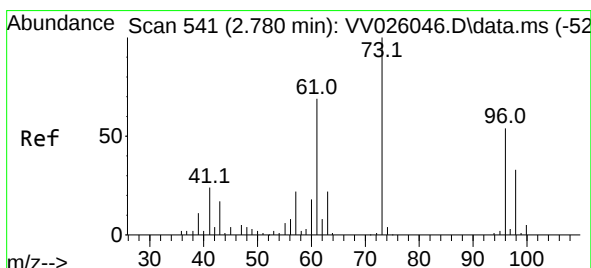
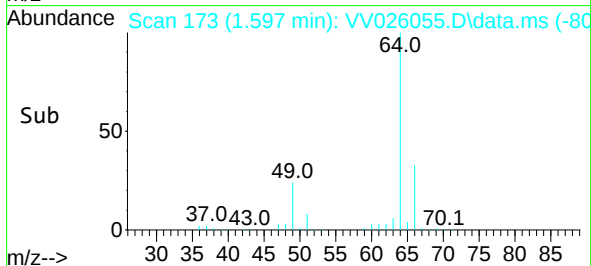
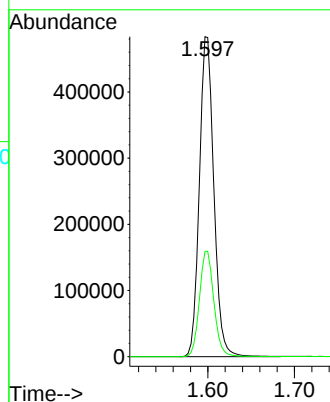
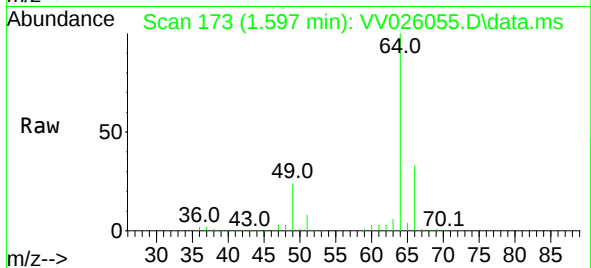




#8
Chloroethane
Concen: 42.157 ug/L
RT: 1.597 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026055.D
Acq: 09 Jun 2022 15:21

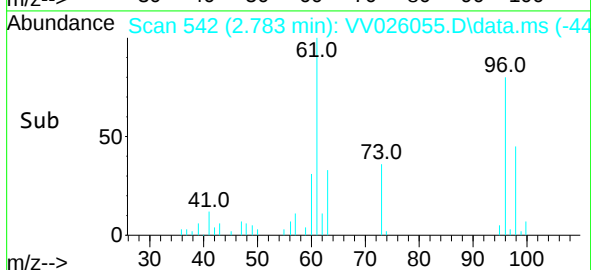
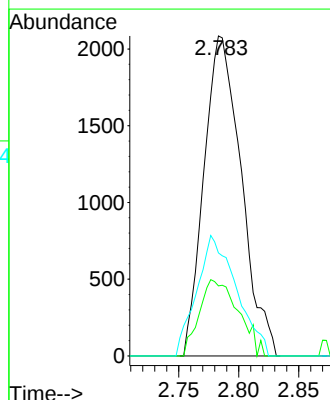
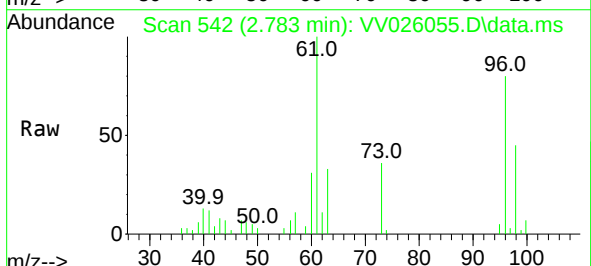
Instrument :
MSVOA_V
ClientSampleId :
EXYW2

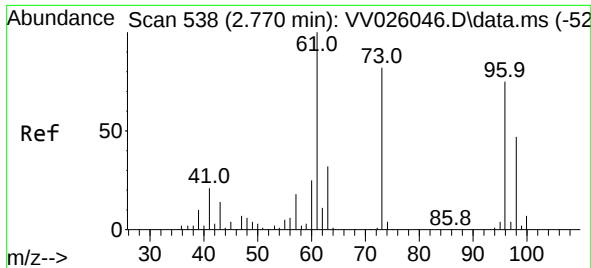
Tgt Ion: 64 Resp: 559378
Ion Ratio Lower Upper
64 100
66 32.9 23.0 42.8



#17
Methyl tert-butyl Ether
Concen: 0.184 ug/L
RT: 2.783 min Scan# 542
Delta R.T. 0.003 min
Lab File: VV026055.D
Acq: 09 Jun 2022 15:21

Tgt Ion: 73 Resp: 4505
Ion Ratio Lower Upper
73 100
43 24.9 13.7 20.5#
57 40.2 17.8 26.6#

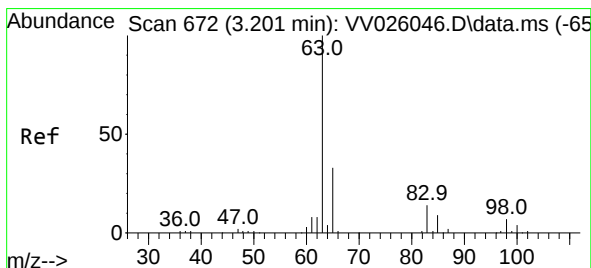
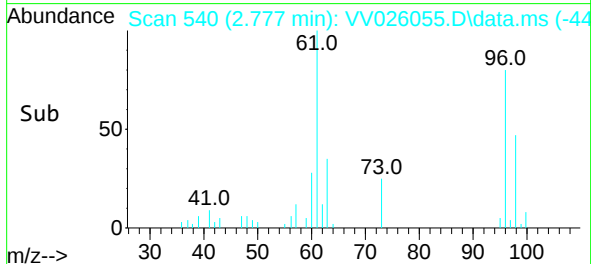
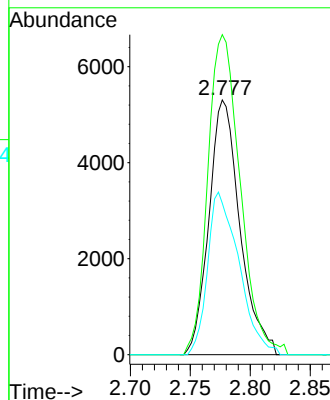
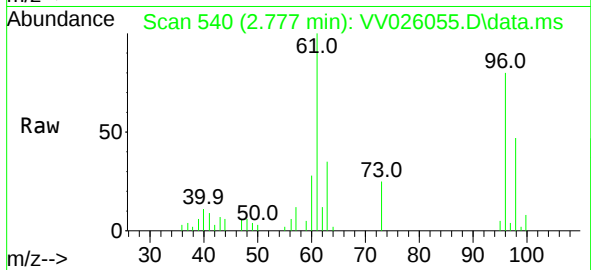




#18
trans-1,2-Dichloroethene
Concen: 0.671 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.007 min
Lab File: VV026055.D
Acq: 09 Jun 2022 15:21

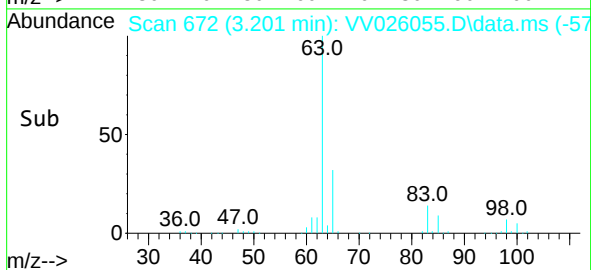
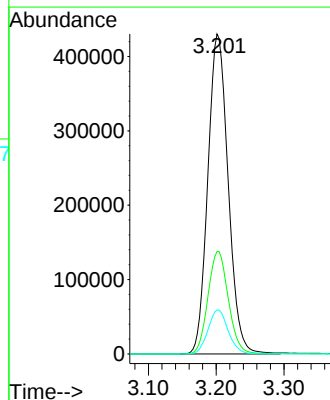
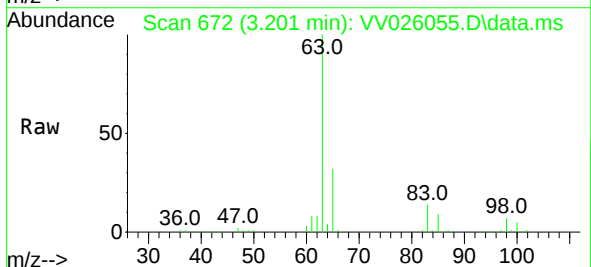
Instrument :
MSVOA_V
ClientSampleId :
EXYW2

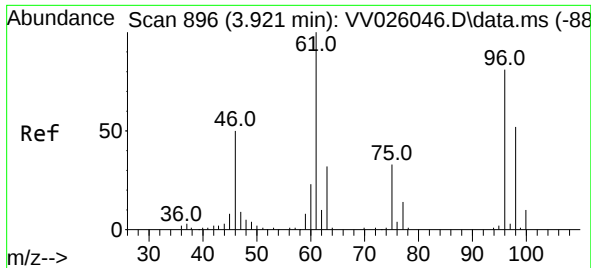
Tgt Ion: 96 Resp: 9538
Ion Ratio Lower Upper
96 100
61 125.6 94.3 175.1
98 59.5 44.4 82.5



#19
1,1-Dichloroethane
Concen: 34.636 ug/L
RT: 3.201 min Scan# 672
Delta R.T. 0.000 min
Lab File: VV026055.D
Acq: 09 Jun 2022 15:21

Tgt Ion: 63 Resp: 895925
Ion Ratio Lower Upper
63 100
65 32.0 23.1 42.9
83 13.7 9.7 18.1

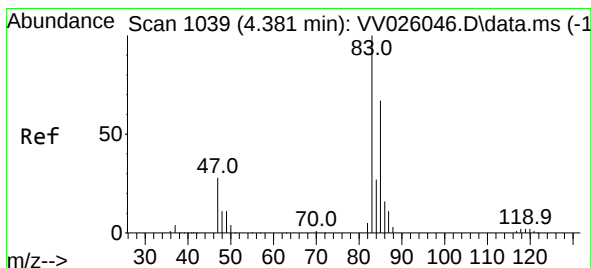
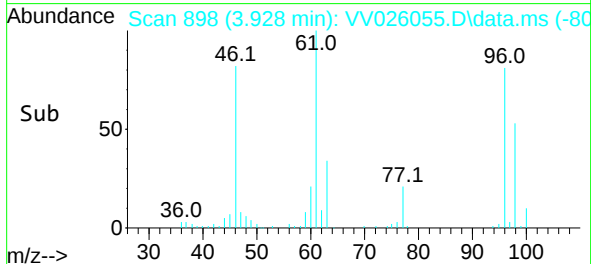
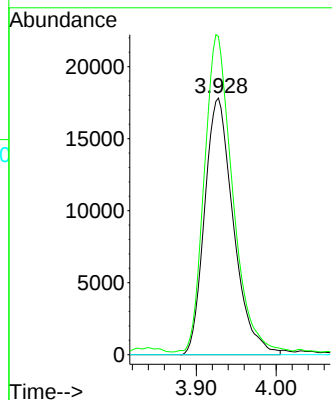
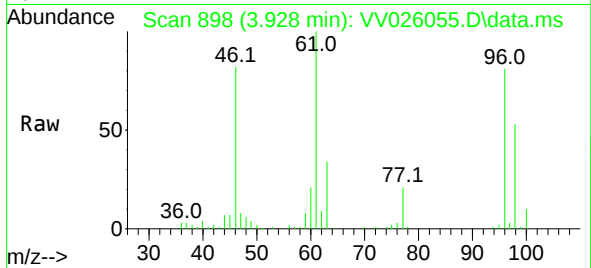




#22
cis-1,2-Dichloroethene
Concen: 3.188 ug/L
RT: 3.928 min Scan# 896
Delta R.T. 0.007 min
Lab File: VV026055.D
Acq: 09 Jun 2022 15:21

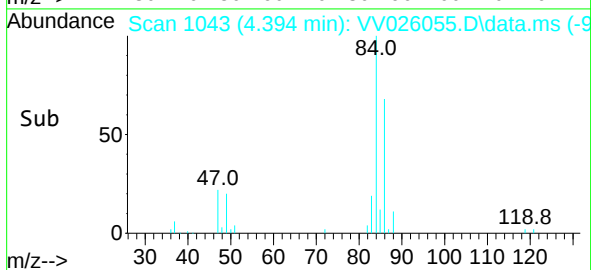
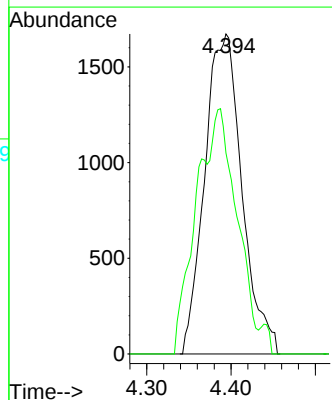
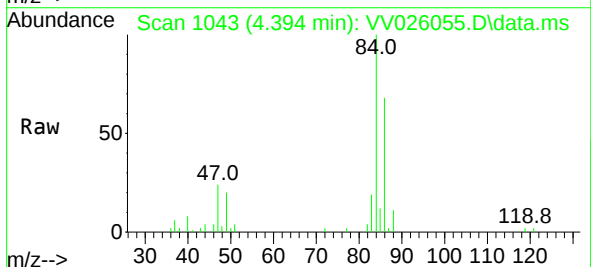
Instrument :
MSVOA_V
ClientSampleId :
EXYW2

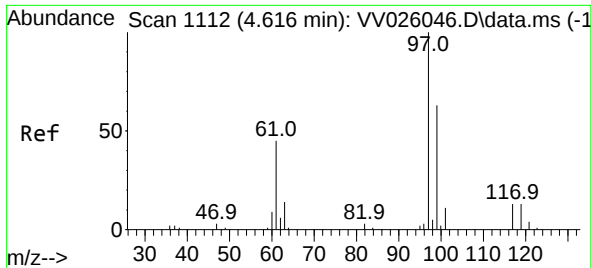
Tgt Ion: 96 Resp: 44681
Ion Ratio Lower Upper
96 100
61 124.0 83.1 154.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.193 ug/L
RT: 4.394 min Scan# 1043
Delta R.T. 0.013 min
Lab File: VV026055.D
Acq: 09 Jun 2022 15:21

Tgt Ion: 83 Resp: 5133
Ion Ratio Lower Upper
83 100
85 62.8 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 14.995 ug/L

RT: 4.619 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VV026055.D

Acq: 09 Jun 2022 15:21

Instrument :

MSVOA_V

ClientSampleId :

EXYW2

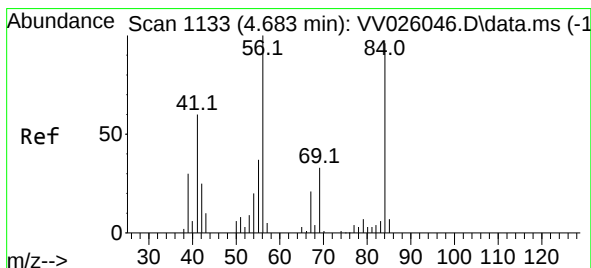
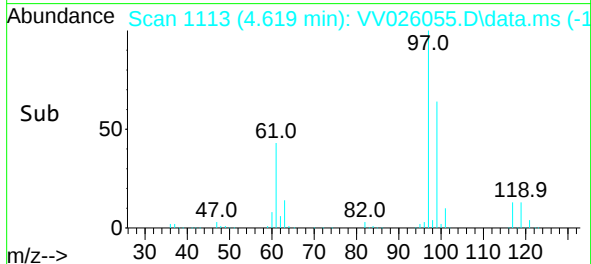
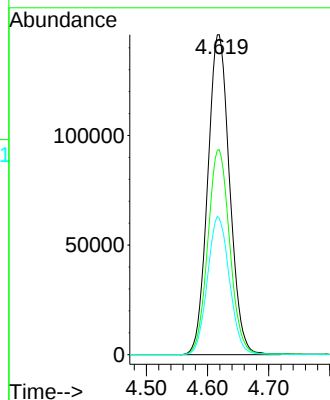
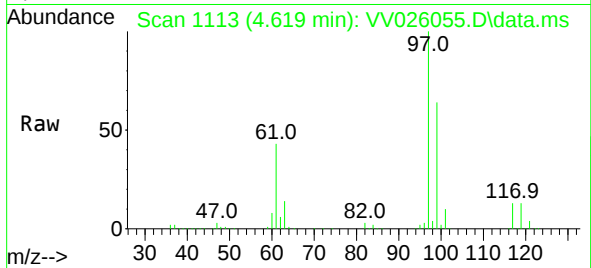
Tgt Ion: 97 Resp: 363603

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 43.4 34.9 52.3



#30

Cyclohexane

Concen: 0.090 ug/L

RT: 4.687 min Scan# 1134

Delta R.T. 0.003 min

Lab File: VV026055.D

Acq: 09 Jun 2022 15:21

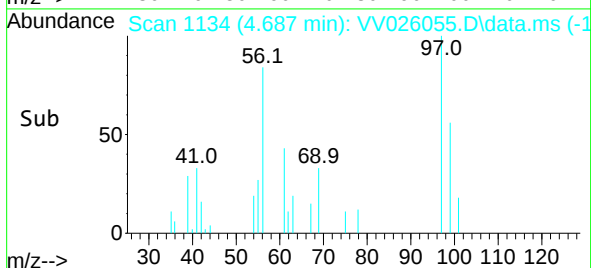
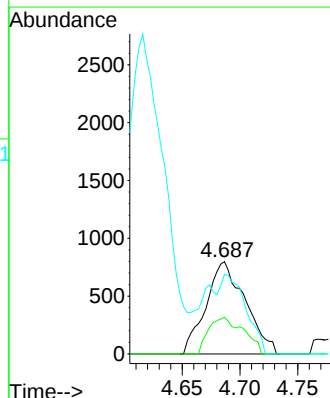
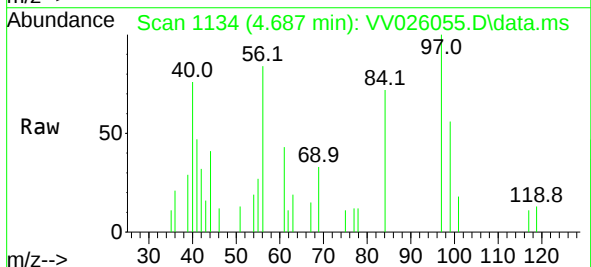
Tgt Ion: 56 Resp: 1888

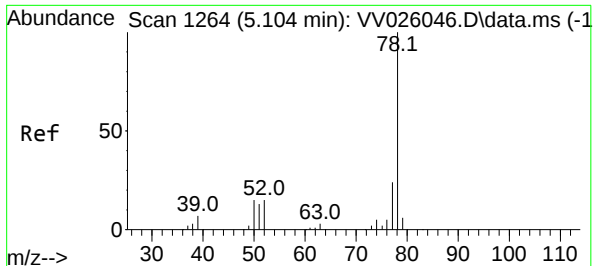
Ion Ratio Lower Upper

56 100

69 35.2 25.1 37.7

84 56.0 72.2 108.4#

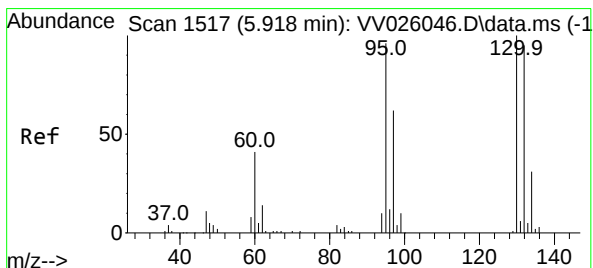
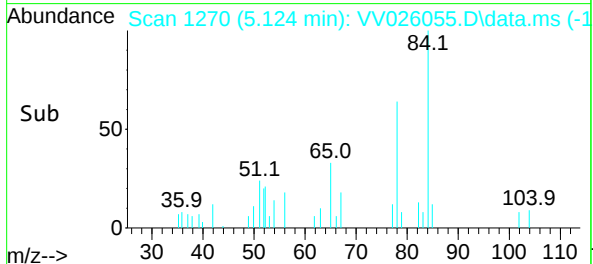
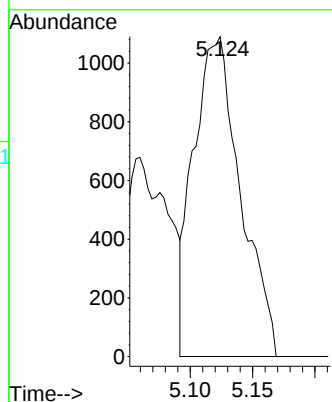
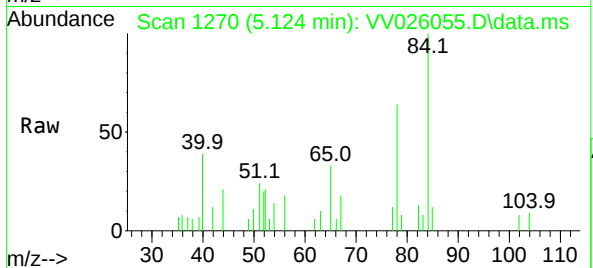




#33
Benzene
Concen: 0.049 ug/L
RT: 5.124 min Scan# 11
Delta R.T. 0.019 min
Lab File: VV026055.D
Acq: 09 Jun 2022 15:21

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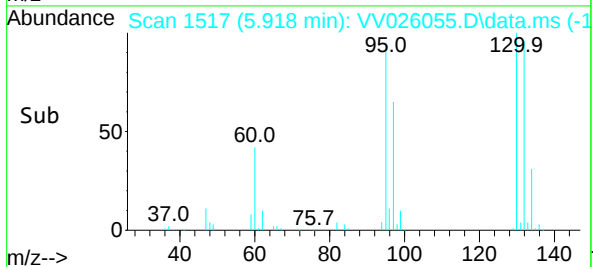
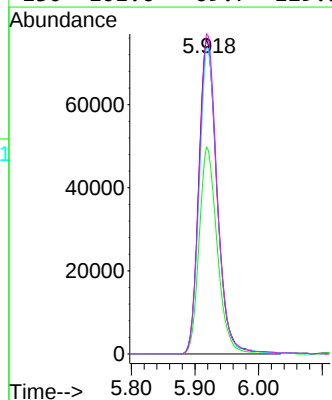
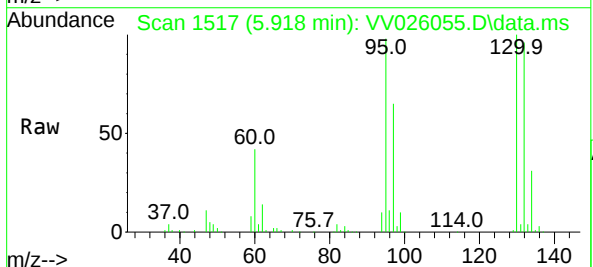
Tgt Ion: 78 Resp: 2843

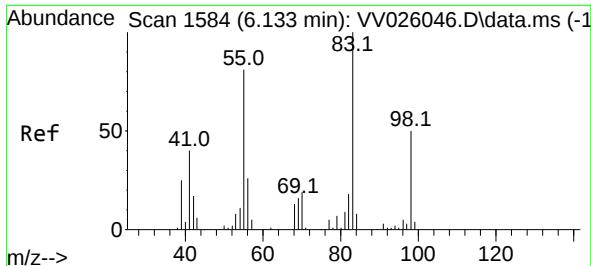


#34
Trichloroethene
Concen: 9.893 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV026055.D
Acq: 09 Jun 2022 15:21

Tgt Ion: 95 Resp: 150099

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.0	81.6
132	97.0	67.5	125.4
130	101.6	69.7	129.5

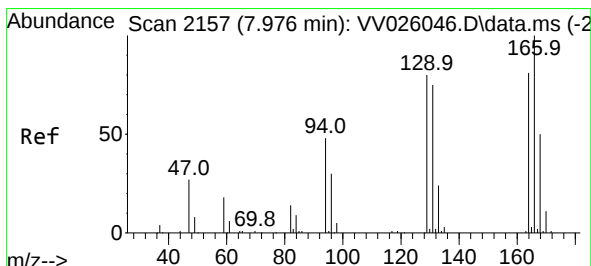
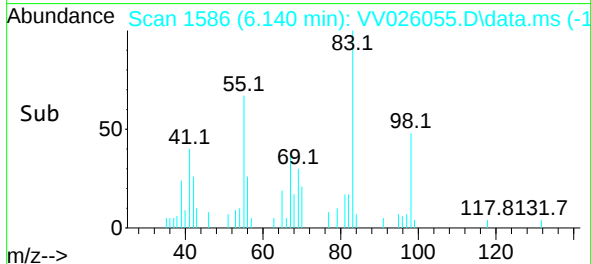
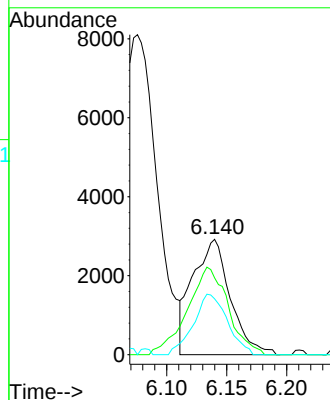
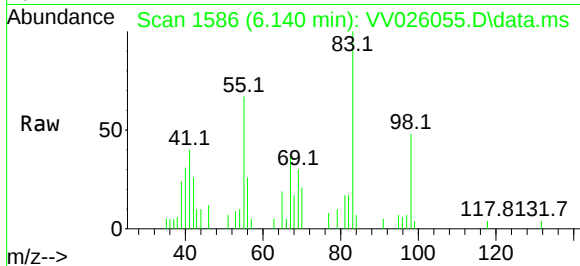




#35
Methylcyclohexane
Concen: 0.272 ug/L
RT: 6.140 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV026055.D
Acq: 09 Jun 2022 15:21

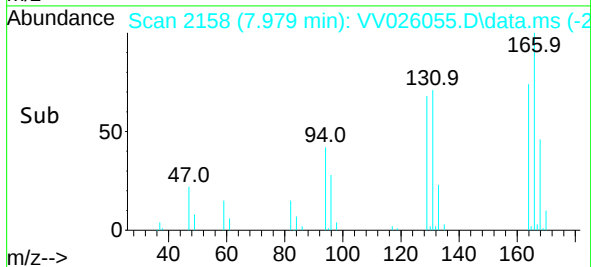
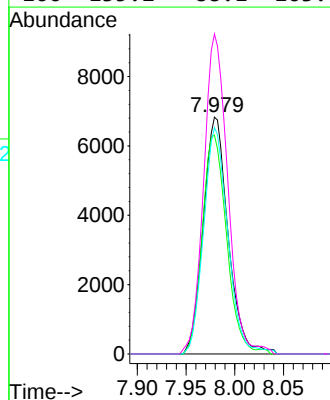
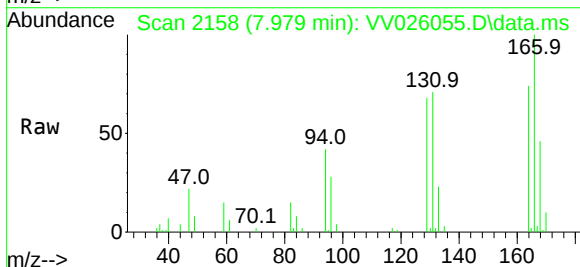
Instrument :
MSVOA_V
ClientSampleId :
EXYW2

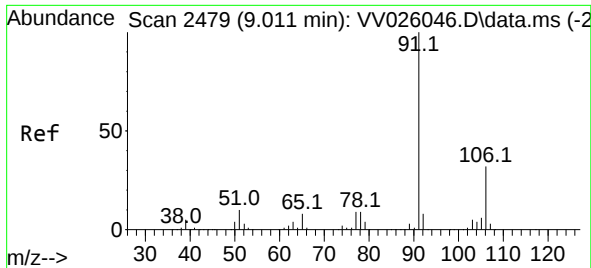
Tgt Ion: 83 Resp: 6367
Ion Ratio Lower Upper
83 100
55 82.1 59.4 89.0
98 47.2 38.9 58.3



#47
Tetrachloroethene
Concen: 1.036 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV026055.D
Acq: 09 Jun 2022 15:21

Tgt Ion: 164 Resp: 12165
Ion Ratio Lower Upper
164 100
129 92.5 68.3 126.9
131 95.6 66.5 123.5
166 135.2 88.1 163.7

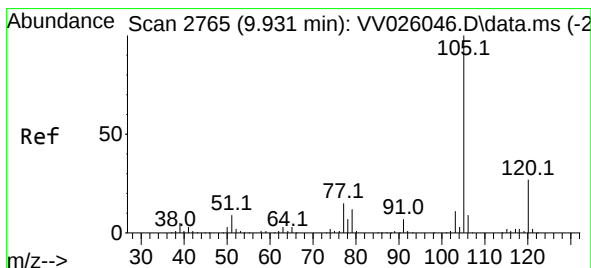
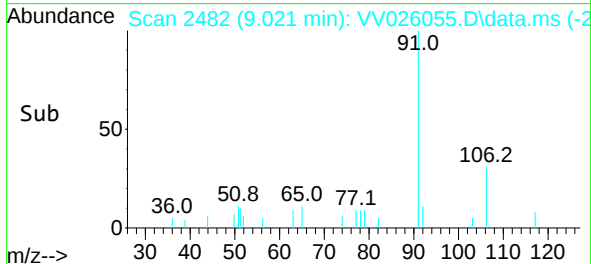
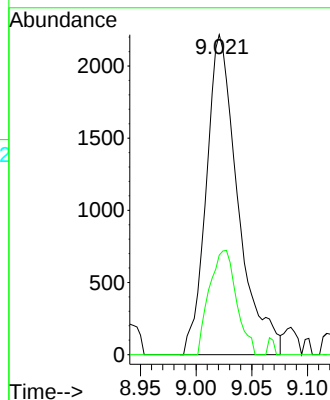
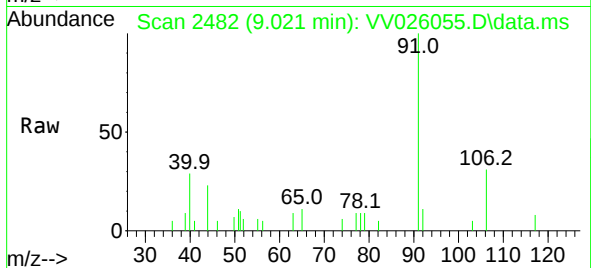




#52
Ethylbenzene
Concen: 0.069 ug/L
RT: 9.021 min Scan# 2479
Delta R.T. 0.010 min
Lab File: VV026055.D
Acq: 09 Jun 2022 15:21

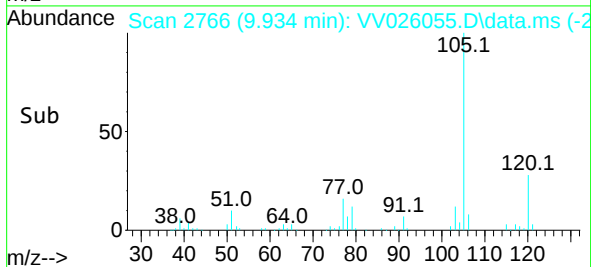
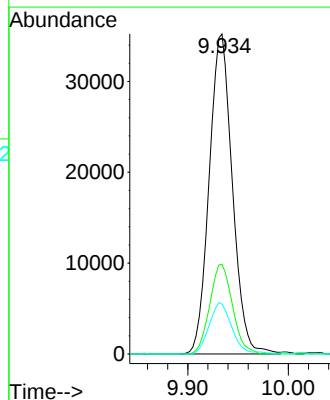
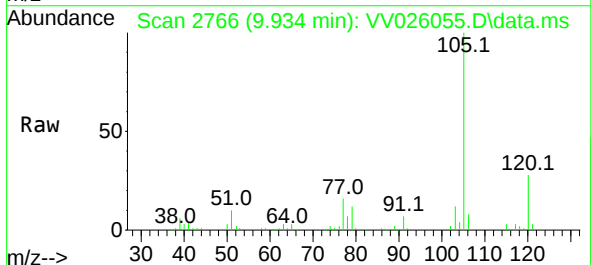
Instrument :
MSVOA_V
ClientSampleId :
EXYW2

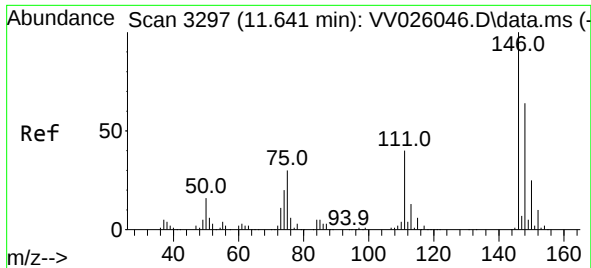
Tgt Ion: 91 Resp: 4381
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.6



#60
Isopropylbenzene
Concen: 1.017 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV026055.D
Acq: 09 Jun 2022 15:21

Tgt Ion: 105 Resp: 56368
Ion Ratio Lower Upper
105 100
120 27.4 21.3 31.9
77 15.7 12.4 18.6





#67
 1,2-Dichlorobenzene
 Concen: 0.830 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV026055.D
 Acq: 09 Jun 2022 15:21

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW2

Tgt Ion:146	Resp:	19334
Ion Ratio	Lower	Upper
146	100	
111	43.7	33.9 50.9
148	64.3	50.6 76.0

