

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026344.D
 Acq On : 16 Jun 2022 19:41
 Operator : SY/MD
 Sample : V3320-06 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ80

Quant Time: Jun 17 05:24:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 05:16:46 2022
 Response via : Initial Calibration

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

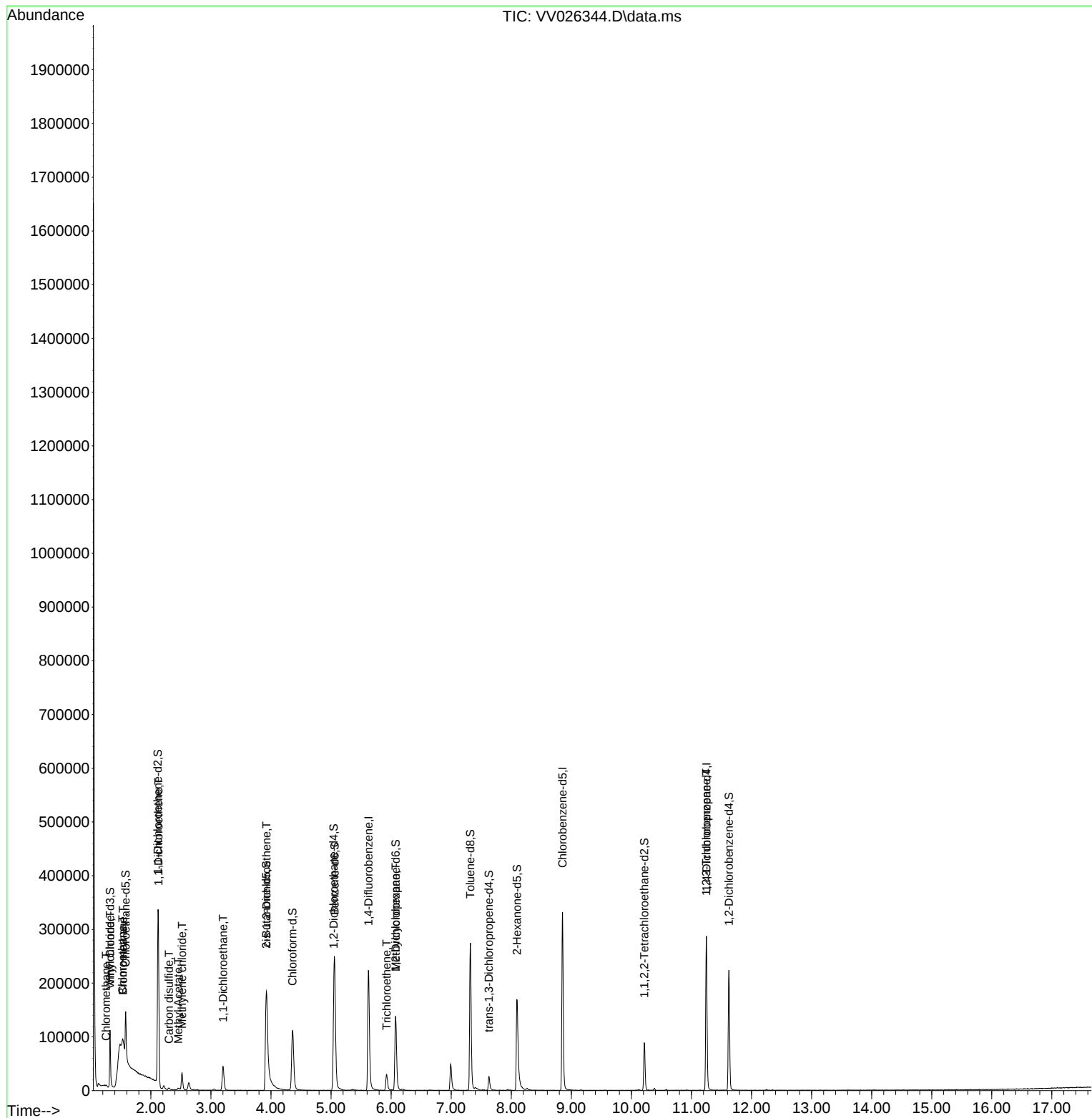
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	202331	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	190480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	66648	3.792	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.581	69	56506	4.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.117	63	132537	4.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.921	46	85171	49.668	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.340%
24) Chloroform-d	4.359	84	122125	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.043	65	49965	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.059	84	236783	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.075	67	70205	4.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.320	98	189152	4.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.628	79	16748	3.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.095	63	65896	45.263	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44404	4.850	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	60393	5.113	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	1395	0.083	ug/L	93
5) Vinyl chloride	1.323	62	12887	0.738	ug/L	89
6) Bromomethane	1.535	94	695	0.071	ug/L	84
8) Chloroethane	1.529	64	552013	50.913	ug/L #	49
12) 1,1-Dichloroethene	2.127	96	63229	4.946	ug/L	95
14) Carbon disulfide	2.304	76	4296	0.136	ug/L	98
15) Methyl Acetate	2.458	43	5572	1.747	ug/L	95
16) Methylene chloride	2.519	84	13819	0.847	ug/L	96
19) 1,1-Dichloroethane	3.201	63	46501	1.967	ug/L	98
22) cis-1,2-Dichloroethene	3.924	96	83824	6.683	ug/L	98
34) Trichloroethene	5.924	95	10829	0.812	ug/L	96
35) Methylcyclohexane	6.075	83	17740	0.962	ug/L #	20
61) 1,2,3-Trichloropropane	11.246	75	8996	1.808	ug/L #	66

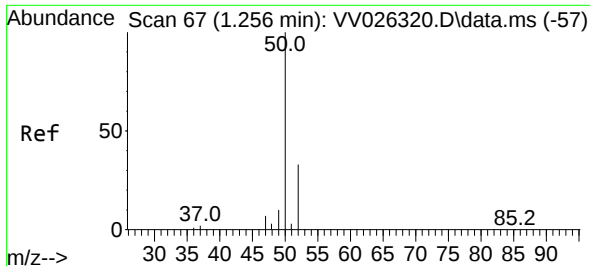
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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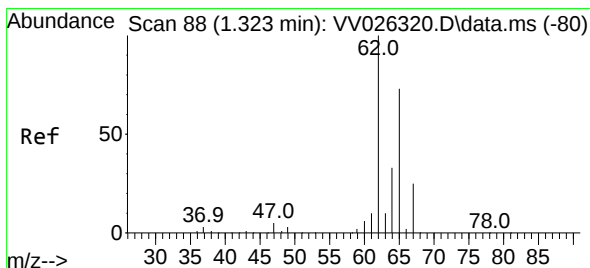
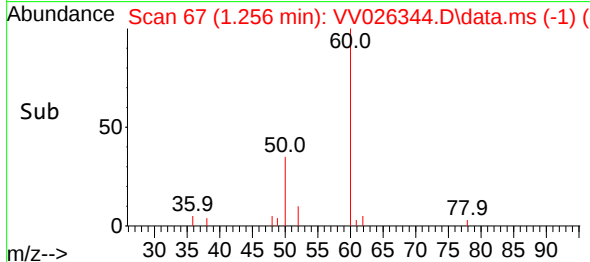
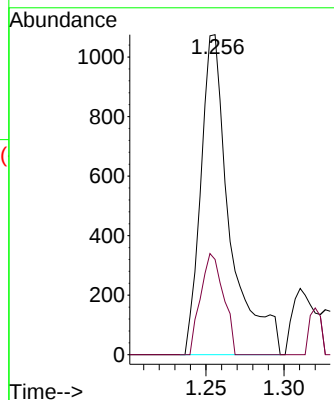
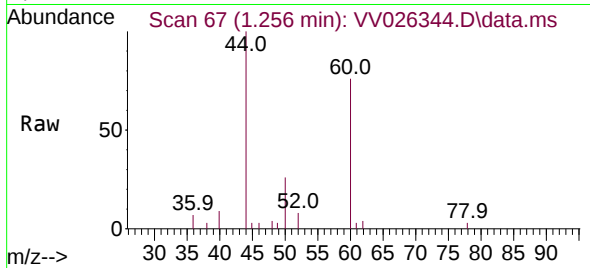




#3
Chloromethane
Concen: 0.083 ug/L
RT: 1.256 min Scan# 67
Delta R.T. 0.000 min
Lab File: VV026344.D
Acq: 16 Jun 2022 19:41

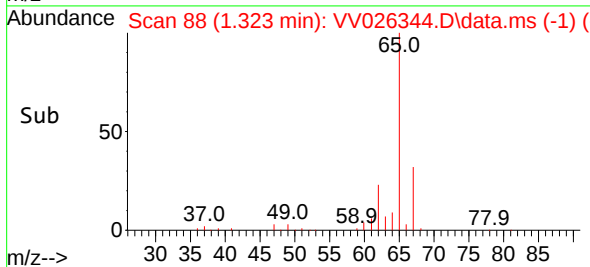
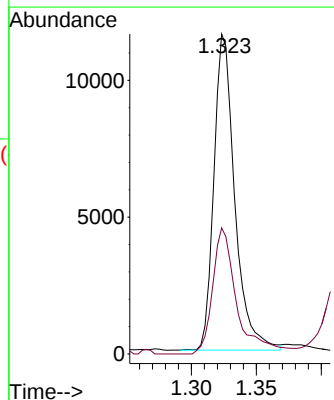
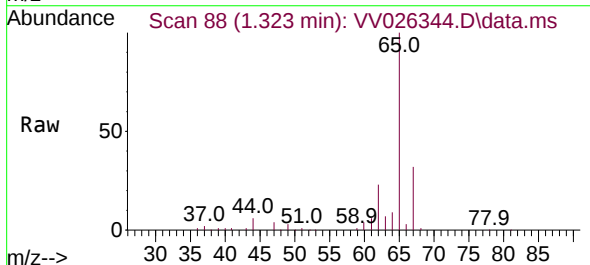
Instrument :
MSVOA_V
ClientSampleId :
BGJ80

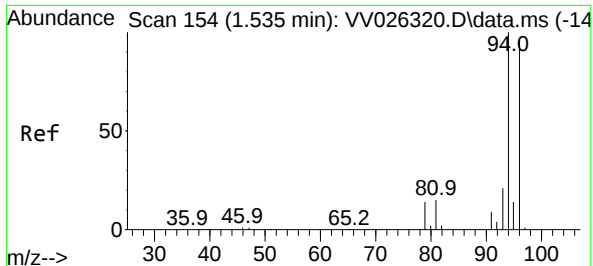
Tgt Ion: 50 Resp: 1395
Ion Ratio Lower Upper
50 100
52 29.8 23.7 44.1



#5
Vinyl chloride
Concen: 0.738 ug/L
RT: 1.323 min Scan# 88
Delta R.T. 0.000 min
Lab File: VV026344.D
Acq: 16 Jun 2022 19:41

Tgt Ion: 62 Resp: 12887
Ion Ratio Lower Upper
62 100
64 39.4 23.2 43.2

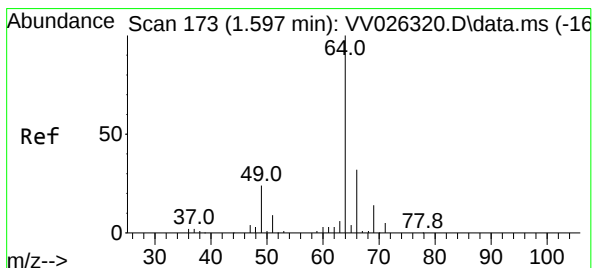
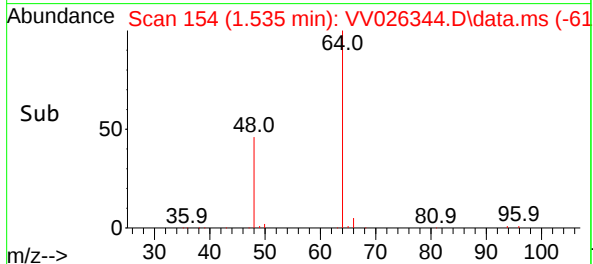
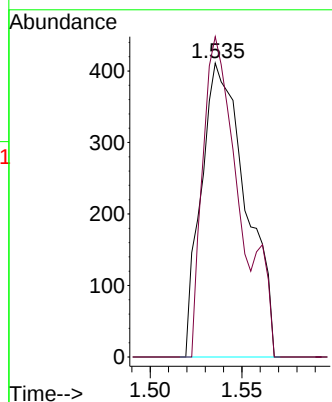
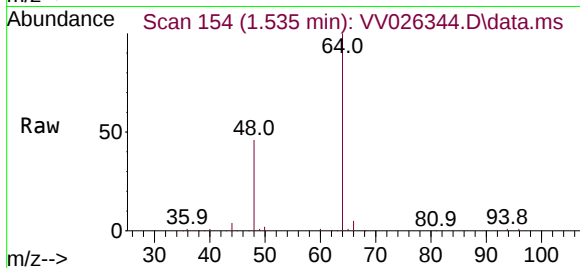




#6
Bromomethane
Concen: 0.071 ug/L
RT: 1.535 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026344.D
Acq: 16 Jun 2022 19:41

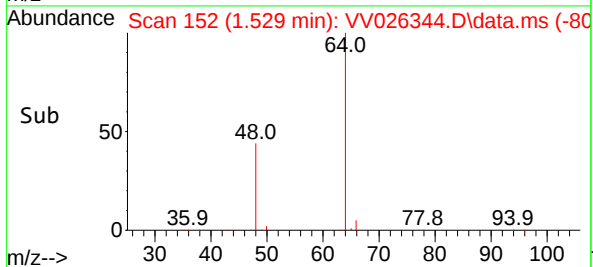
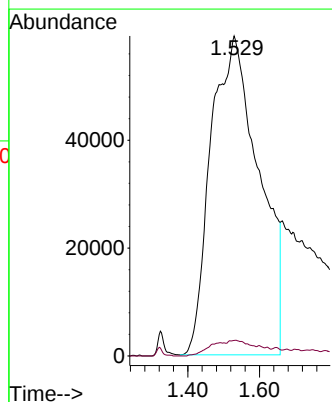
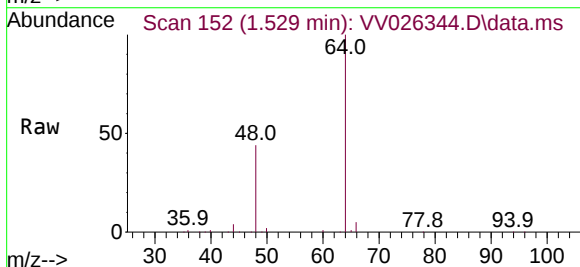
Instrument :
MSVOA_V
ClientSampleId :
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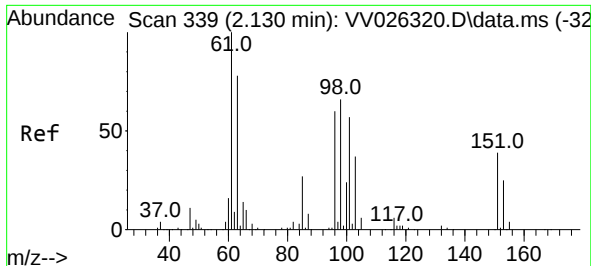
Tgt Ion: 94 Resp: 695
Ion Ratio Lower Upper
94 100
96 109.0 65.7 121.9



#8
Chloroethane
Concen: 50.913 ug/L
RT: 1.529 min Scan# 152
Delta R.T. -0.068 min
Lab File: VV026344.D
Acq: 16 Jun 2022 19:41

Tgt Ion: 64 Resp: 552013
Ion Ratio Lower Upper
64 100
66 4.8 24.1 44.7#

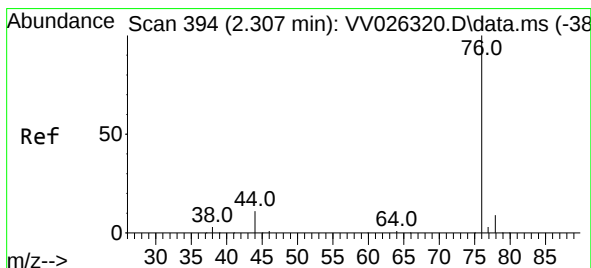
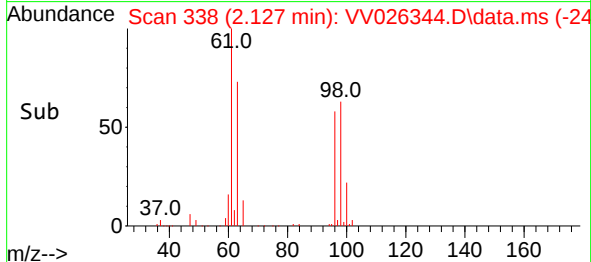
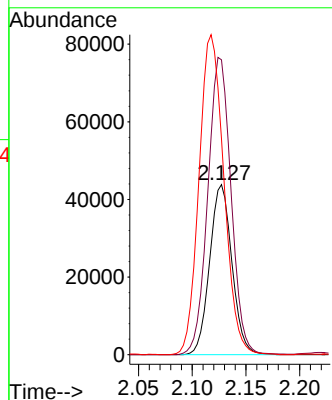
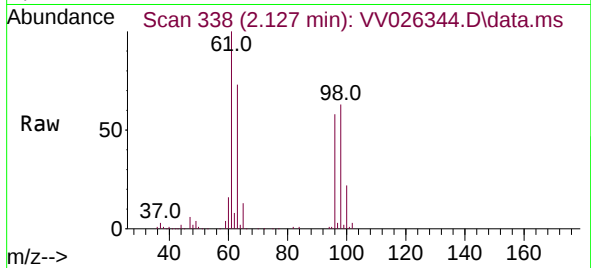




#12
1,1-Dichloroethene
Concen: 4.946 ug/L
RT: 2.127 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV026344.D
Acq: 16 Jun 2022 19:41

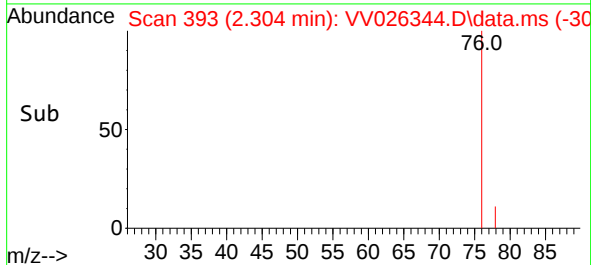
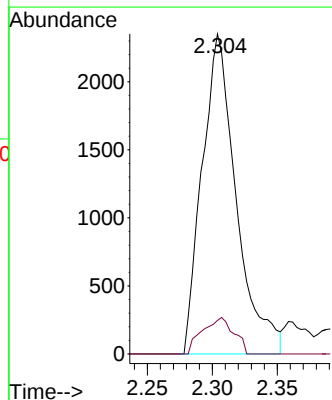
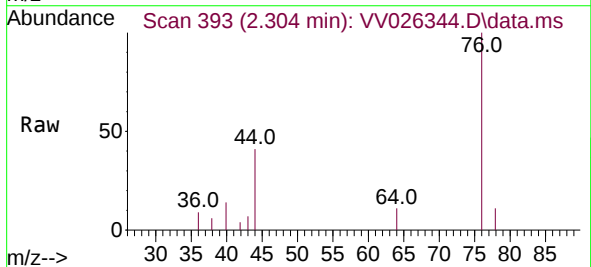
Instrument :
MSVOA_V
ClientSampleId :
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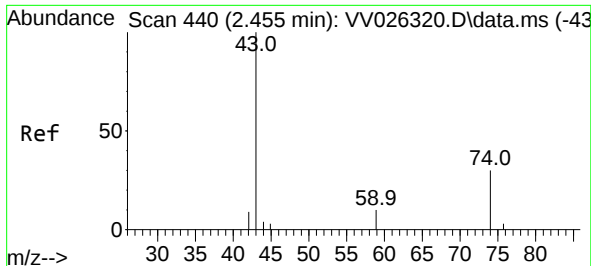
Tgt Ion: 96 Resp: 63229
Ion Ratio Lower Upper
96 100
61 173.4 117.1 217.5
63 127.1 92.8 172.4



#14
Carbon disulfide
Concen: 0.136 ug/L
RT: 2.304 min Scan# 393
Delta R.T. -0.003 min
Lab File: VV026344.D
Acq: 16 Jun 2022 19:41

Tgt Ion: 76 Resp: 4296
Ion Ratio Lower Upper
76 100
78 10.5 7.7 11.5

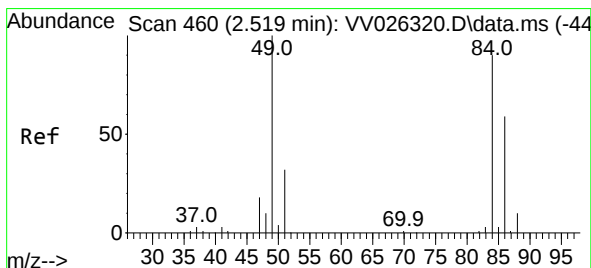
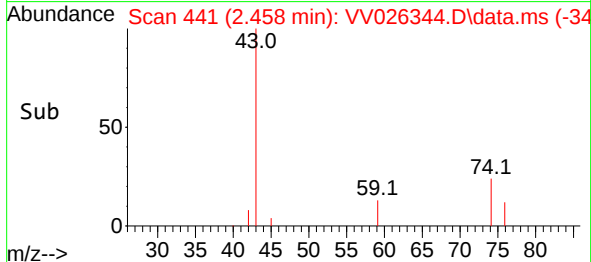
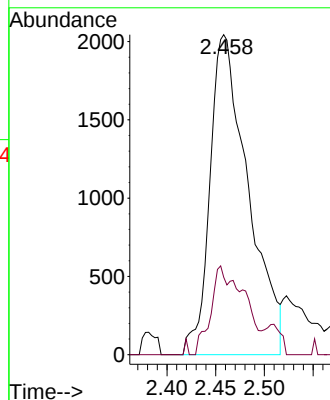
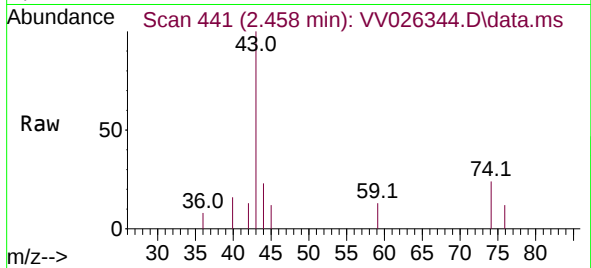




#15
Methyl Acetate
Concen: 1.747 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV026344.D
Acq: 16 Jun 2022 19:41

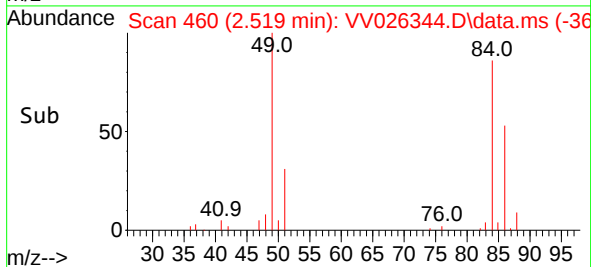
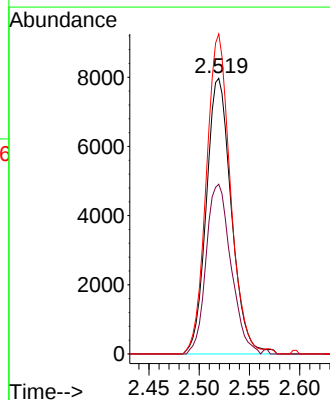
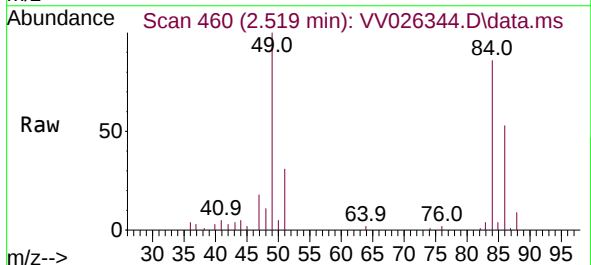
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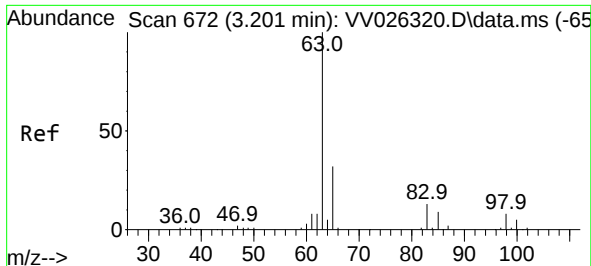
Tgt Ion: 43 Resp: 5572
Ion Ratio Lower Upper
43 100
74 24.4 21.4 32.0



#16
Methylene chloride
Concen: 0.847 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.000 min
Lab File: VV026344.D
Acq: 16 Jun 2022 19:41

Tgt Ion: 84 Resp: 13819
Ion Ratio Lower Upper
84 100
86 61.6 44.0 81.8
49 116.1 77.3 143.7





#19

1,1-Dichloroethane

Concen: 1.967 ug/L

RT: 3.201 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV026344.D

Acq: 16 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

BGJ80

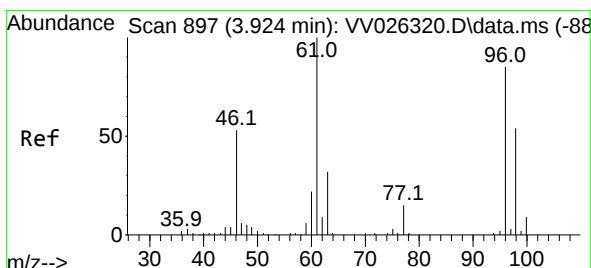
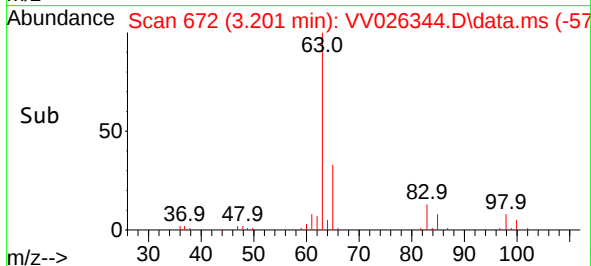
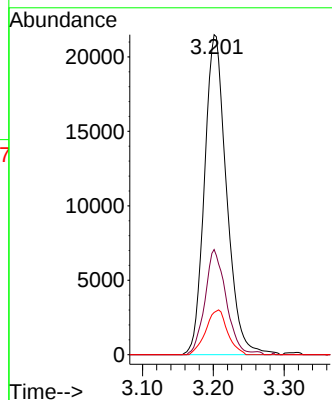
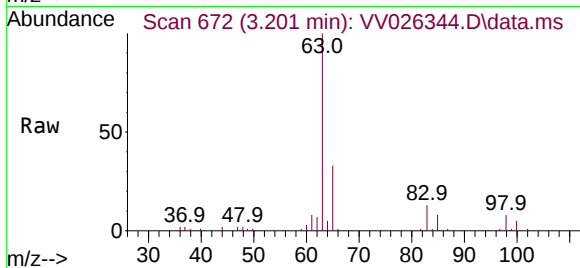
Tgt Ion: 63 Resp: 46501

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.3

83 13.2 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 6.683 ug/L

RT: 3.924 min Scan# 897

Delta R.T. 0.000 min

Lab File: VV026344.D

Acq: 16 Jun 2022 19:41

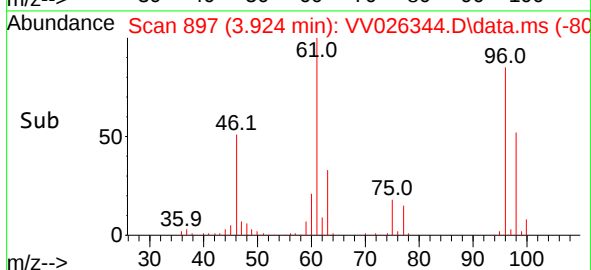
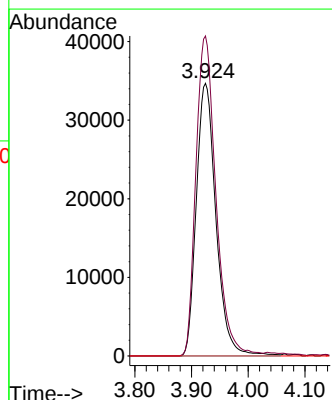
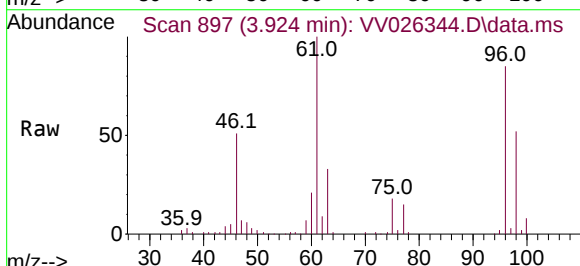
Tgt Ion: 96 Resp: 83824

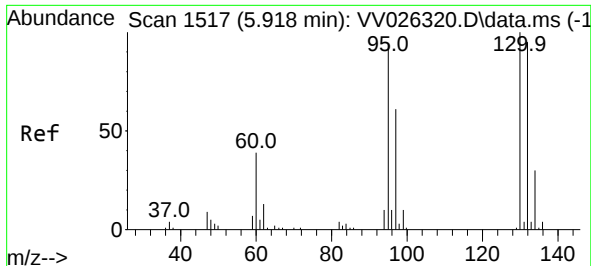
Ion Ratio Lower Upper

96 100

61 117.3 83.6 155.2

68 0.0 0.0 0.0



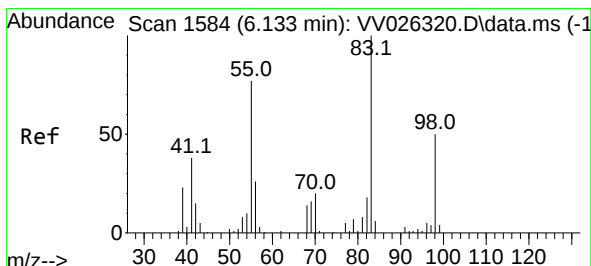
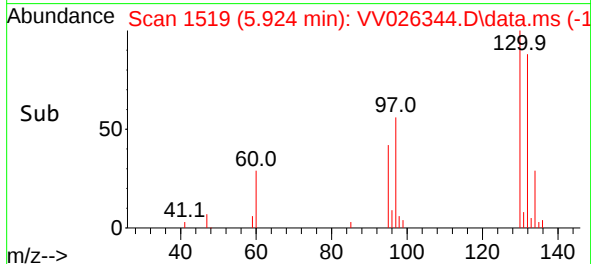
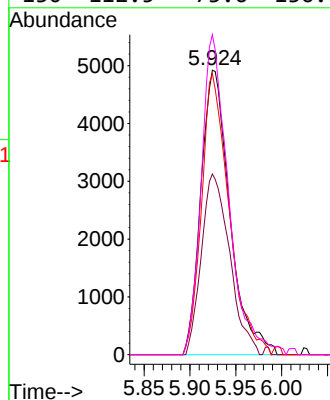
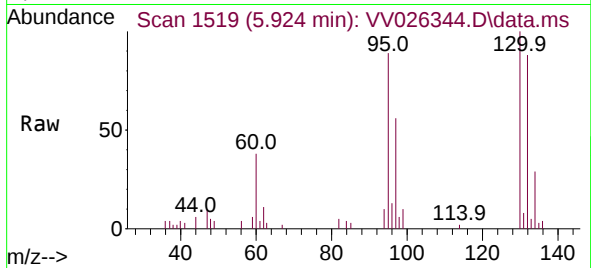


#34
Trichloroethene
Concen: 0.812 ug/L
RT: 5.924 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026344.D
Acq: 16 Jun 2022 19:41

Instrument :
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Tgt Ion: 95 Resp: 10829

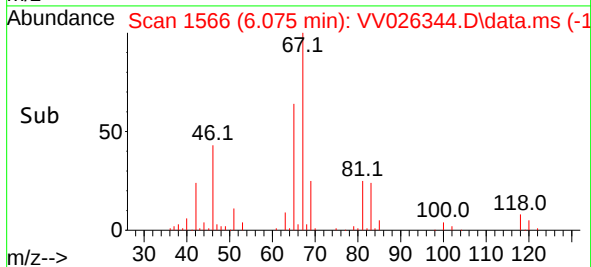
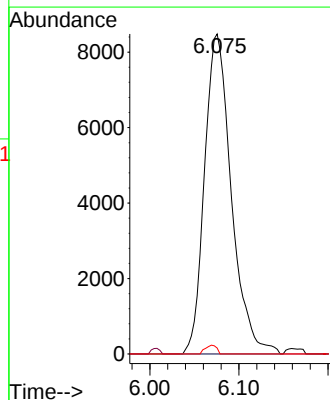
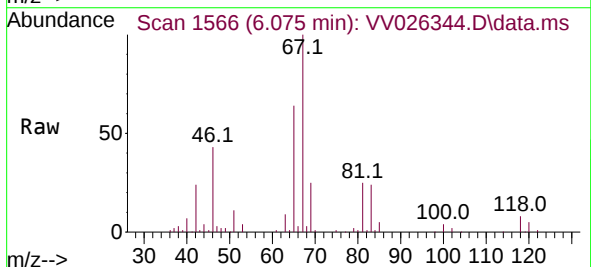
Ion	Ratio	Lower	Upper
95	100		
97	63.5	46.5	86.3
132	98.8	68.8	127.8
130	112.5	73.6	136.6

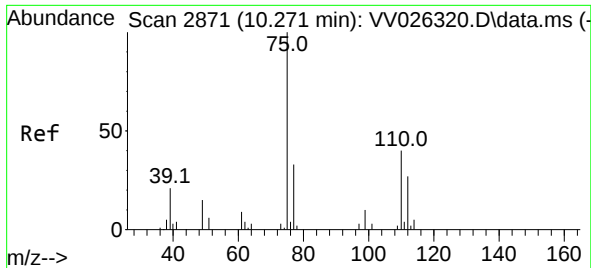


#35
Methylcyclohexane
Concen: 0.962 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026344.D
Acq: 16 Jun 2022 19:41

Tgt Ion: 83 Resp: 17740

Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.3	88.9#
98	1.2	39.9	59.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.808 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026344.D
 Acq: 16 Jun 2022 19:41

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ80

Tgt Ion: 75 Resp: 8996
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.9 40.3
 110 2.0 30.7 46.1#

