

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071222\
 Data File : VW026739.D
 Acq On : 12 Jul 2022 20:39
 Operator : SY/MD
 Sample : N3658-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP2

Quant Time: Jul 13 03:05:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 02:57:58 2022
 Response via : Initial Calibration

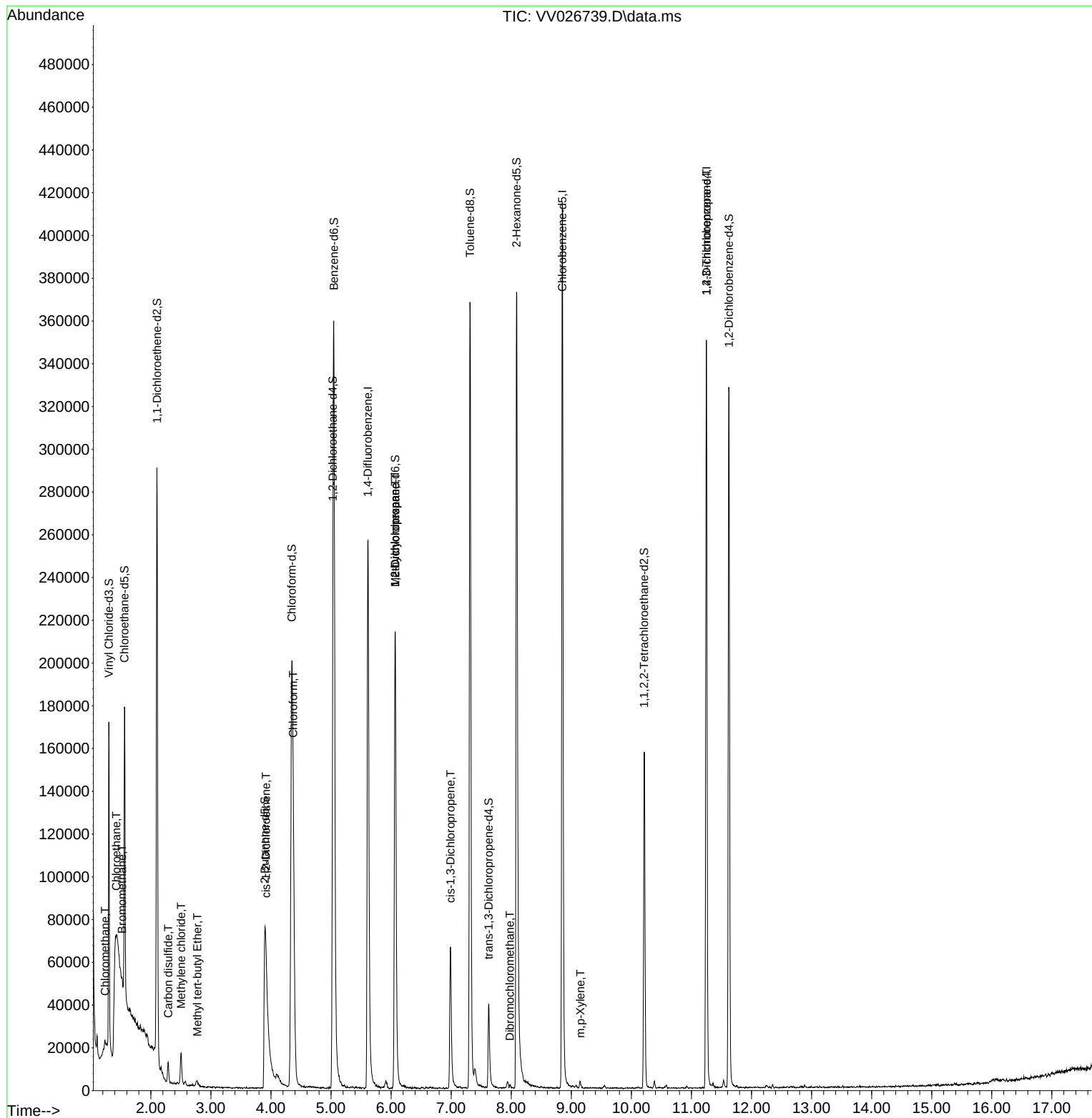
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	227053	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	230995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89792	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	98425	4.752	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.561	69	88595	4.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.101	63	144974	3.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.899	46	178133	55.101	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.200%
24) Chloroform-d	4.346	84	183365	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.031	65	85373	5.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.047	84	331663	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.069	67	105913	5.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.313	98	251175	4.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.625	79	24316	3.531	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.088	63	134324	45.058	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.120%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	75321	4.594	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	85125	5.441	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	2495	0.090	ug/L	99
6) Bromomethane	1.519	94	773	0.046	ug/L	87
8) Chloroethane	1.426	64	236905	14.256	ug/L #	49
14) Carbon disulfide	2.288	76	11629	0.198	ug/L	97
16) Methylene chloride	2.503	84	6205	0.262	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	1787	0.052	ug/L #	59
22) cis-1,2-Dichloroethene	3.915	96	2390	0.130	ug/L	96
25) Chloroform	4.371	83	99912	2.855	ug/L	99
35) Methylcyclohexane	6.069	83	25450	0.879	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	12008	0.650	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1833	0.080	ug/L #	42
49) Dibromochloromethane	7.979	129	393	0.025	ug/L #	10
53) m,p-Xylene	9.153	106	929	0.031	ug/L	87
61) 1,2,3-Trichloropropane	11.249	75	11274	1.361	ug/L #	63

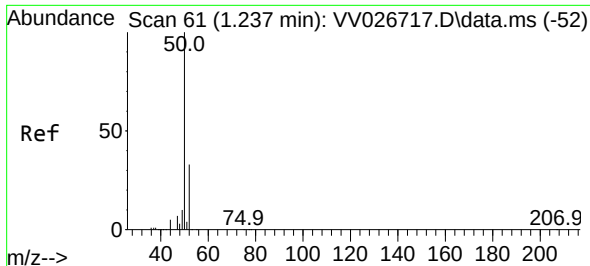
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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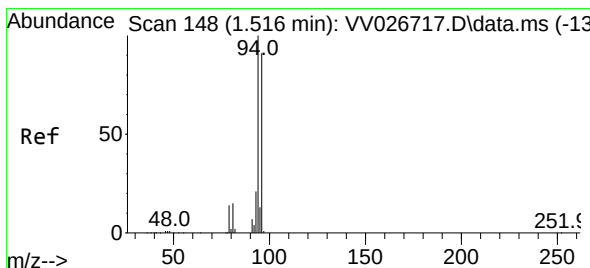
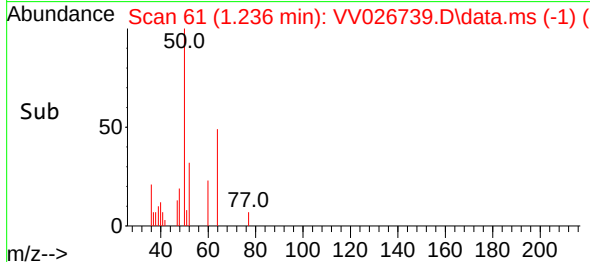
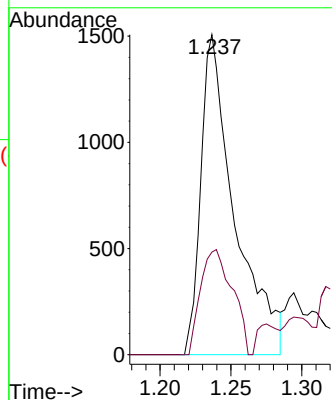
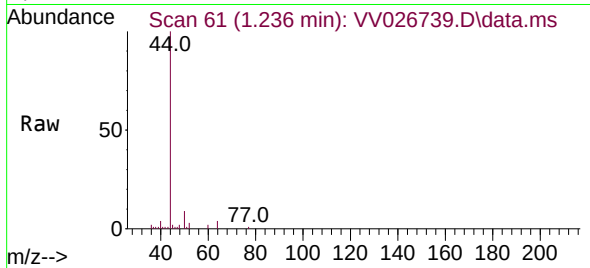




#3
Chloromethane
Concen: 0.090 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026739.D
Acq: 12 Jul 2022 20:39

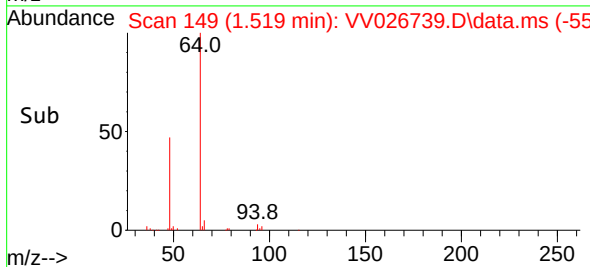
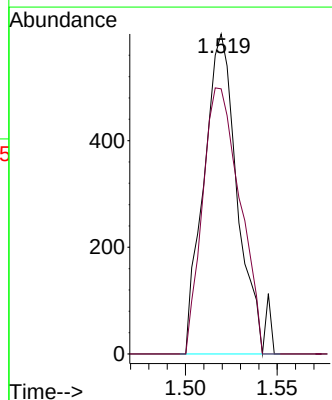
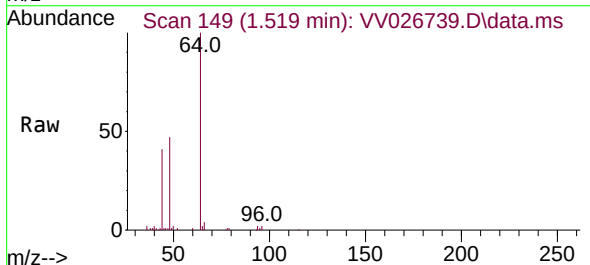
Instrument :
MSVOA_V
ClientSampleId :
C0AP2

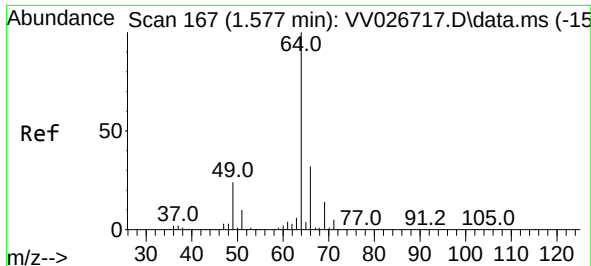
Tgt Ion: 50 Resp: 2495
Ion Ratio Lower Upper
50 100
52 32.1 22.8 42.4



#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV026739.D
Acq: 12 Jul 2022 20:39

Tgt Ion: 94 Resp: 773
Ion Ratio Lower Upper
94 100
96 82.8 67.1 124.7

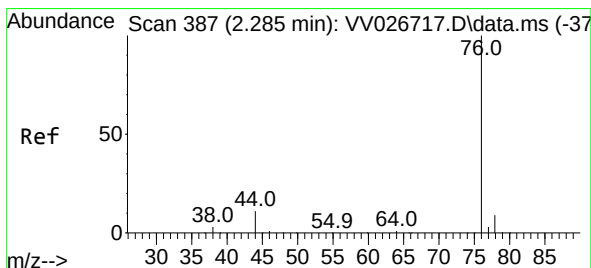
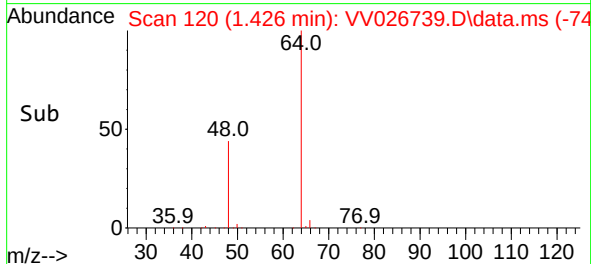
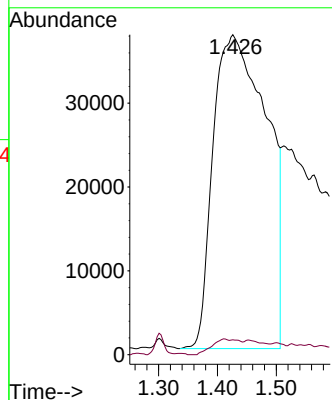
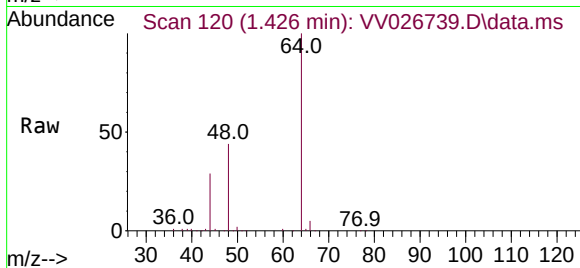




#8
Chloroethane
Concen: 14.256 ug/L
RT: 1.426 min Scan# 11
Delta R.T. -0.151 min
Lab File: VV026739.D
Acq: 12 Jul 2022 20:39

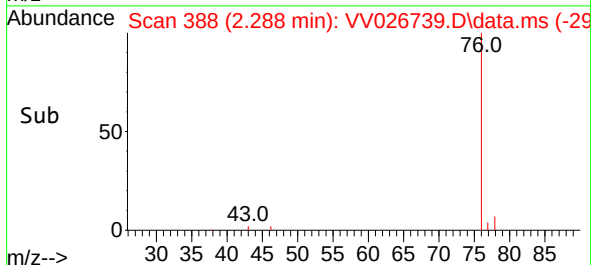
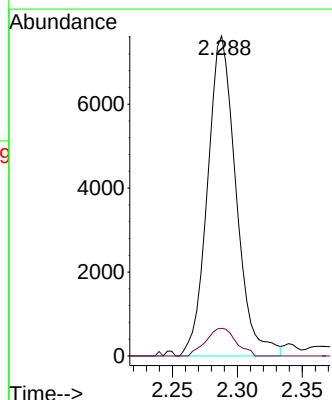
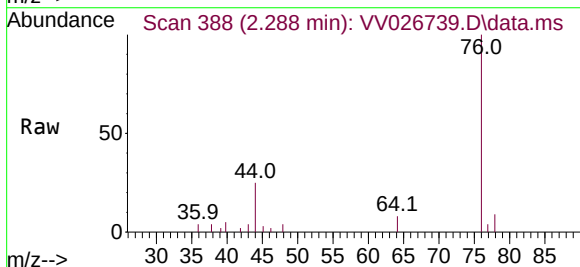
Instrument :
MSVOA_V
ClientSampleId :
C0AP2

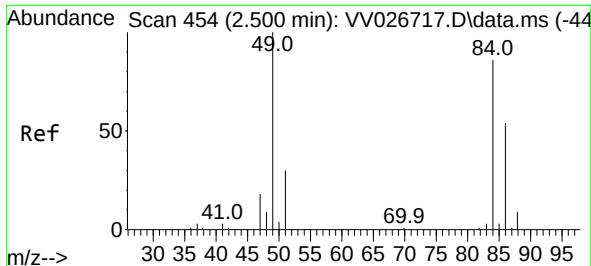
Tgt Ion: 64 Resp: 236905
Ion Ratio Lower Upper
64 100
66 4.6 23.9 44.5#



#14
Carbon disulfide
Concen: 0.198 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV026739.D
Acq: 12 Jul 2022 20:39

Tgt Ion: 76 Resp: 11629
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5

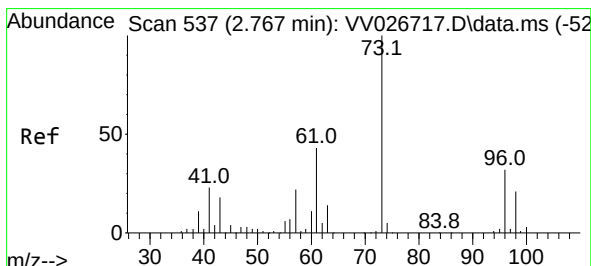
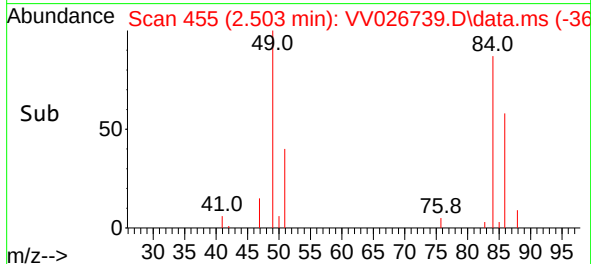
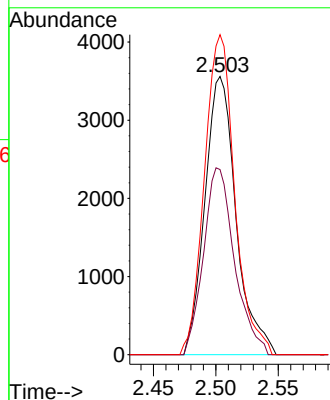
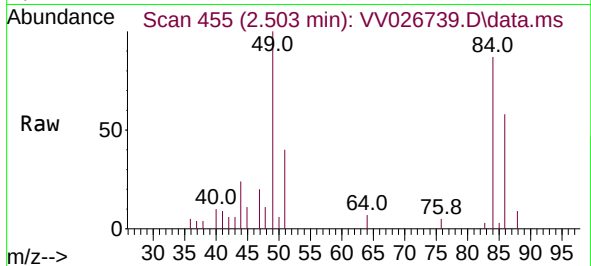




#16
Methylene chloride
Concen: 0.262 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026739.D
Acq: 12 Jul 2022 20:39

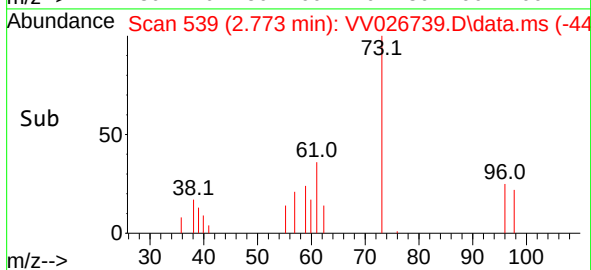
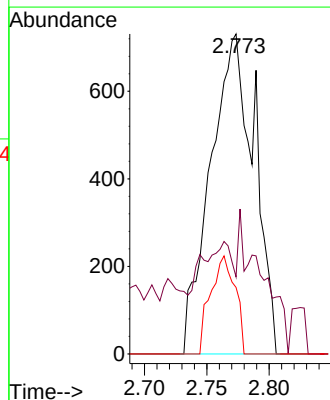
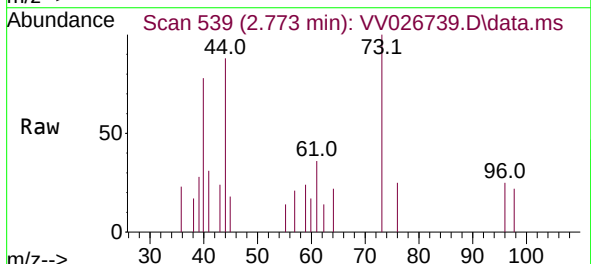
Instrument :
MSVOA_V
ClientSampleId :
C0AP2

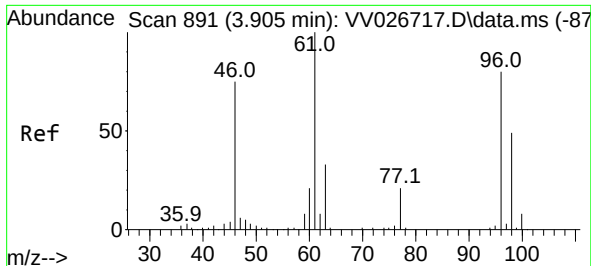
Tgt Ion: 84 Resp: 6205
Ion Ratio Lower Upper
84 100
86 66.5 44.8 83.2
49 115.0 78.7 146.1



#17
Methyl tert-butyl Ether
Concen: 0.052 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV026739.D
Acq: 12 Jul 2022 20:39

Tgt Ion: 73 Resp: 1787
Ion Ratio Lower Upper
73 100
43 2.1 14.0 21.0#
57 0.0 17.6 26.4#





#22

cis-1,2-Dichloroethene

Concen: 0.130 ug/L

RT: 3.915 min Scan# 891

Delta R.T. 0.010 min

Lab File: VV026739.D

Acq: 12 Jul 2022 20:39

Instrument :

MSVOA_V

ClientSampleId :

C0AP2

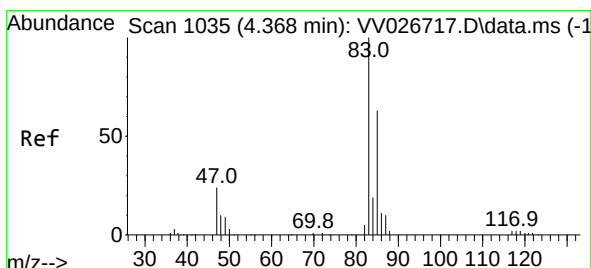
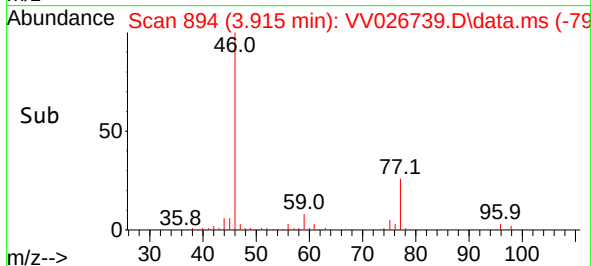
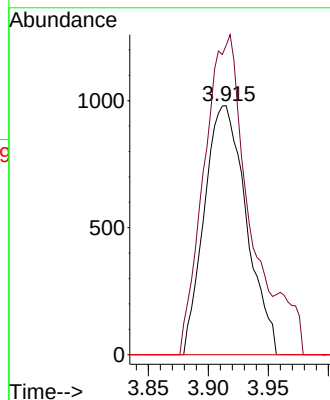
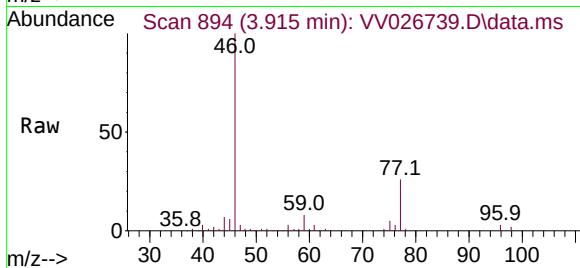
Tgt Ion: 96 Resp: 2390

Ion Ratio Lower Upper

96 100

61 124.2 83.9 155.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 2.855 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV026739.D

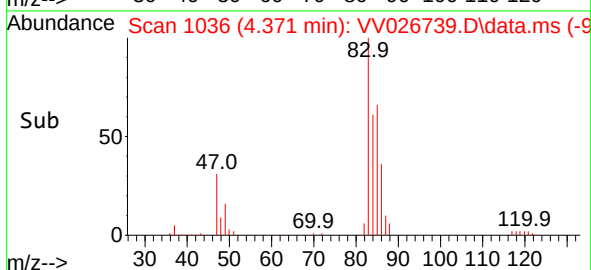
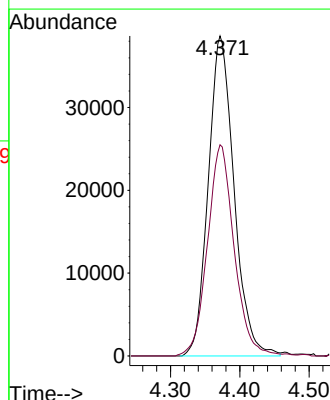
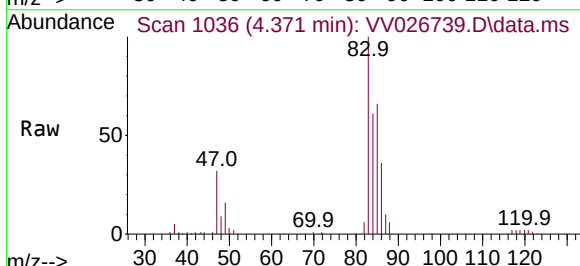
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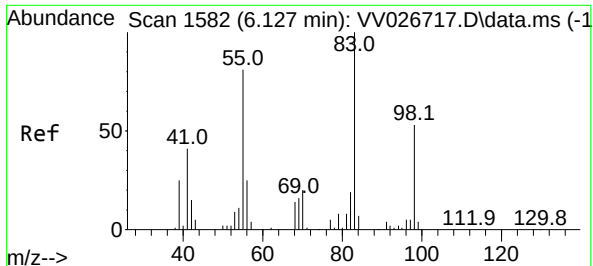
Tgt Ion: 83 Resp: 99912

Ion Ratio Lower Upper

83 100

85 66.0 45.7 84.9





#35

Methylcyclohexane

Concen: 0.879 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV026739.D

Acq: 12 Jul 2022 20:39

Instrument :

MSVOA_V

ClientSampleId :

C0AP2

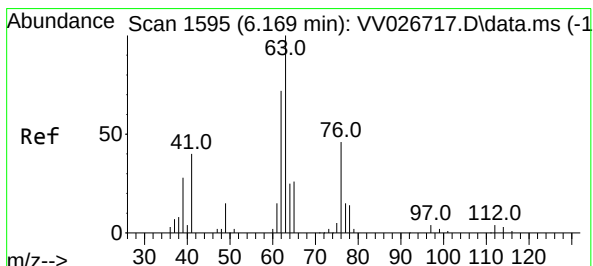
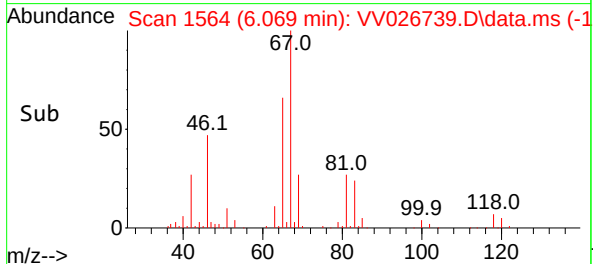
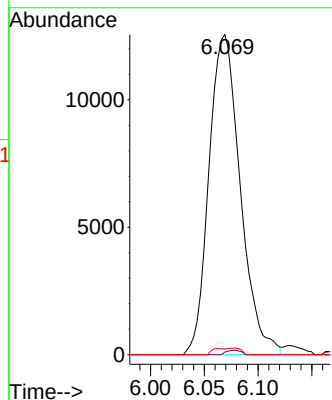
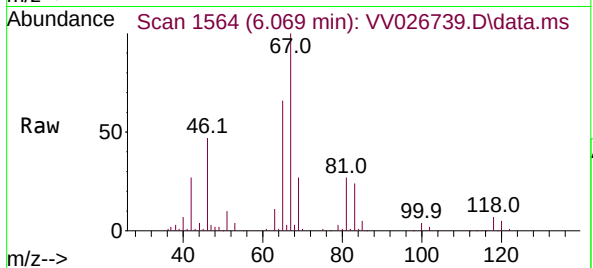
Tgt Ion: 83 Resp: 25450

Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 0.8 38.3 57.5#



#37

1,2-Dichloropropane

Concen: 0.650 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV026739.D

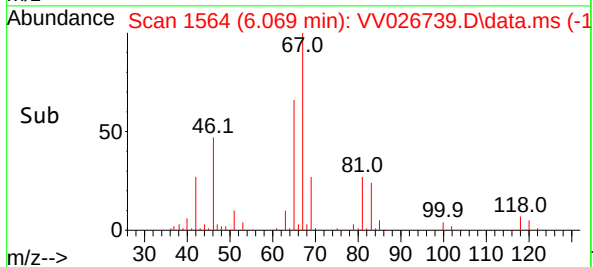
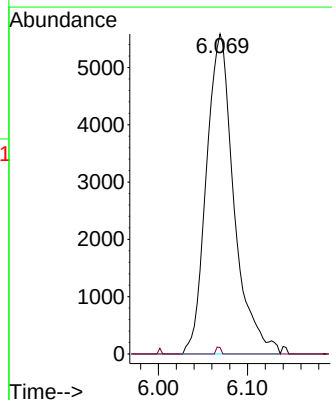
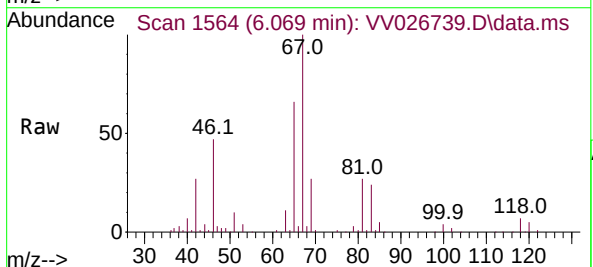
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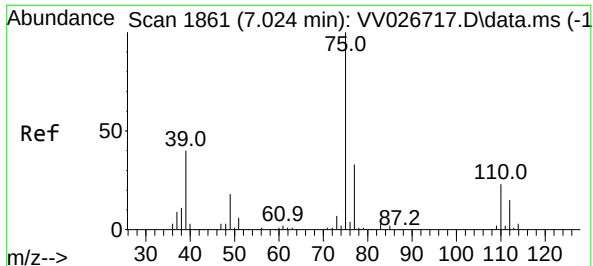
Tgt Ion: 63 Resp: 12008

Ion Ratio Lower Upper

63 100

112 0.4 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026739.D

Acq: 12 Jul 2022 20:39

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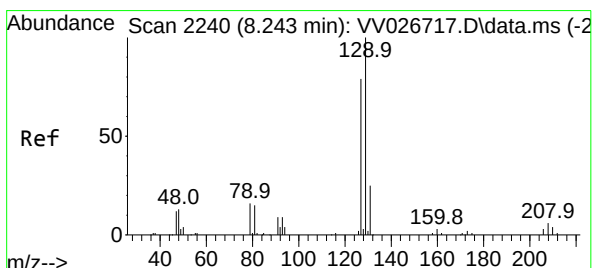
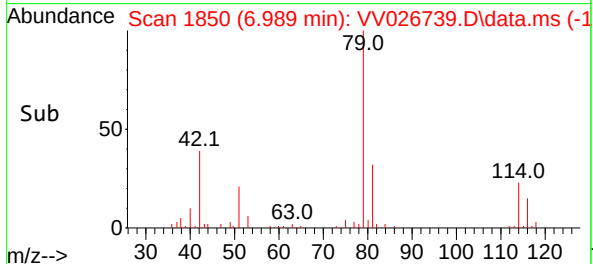
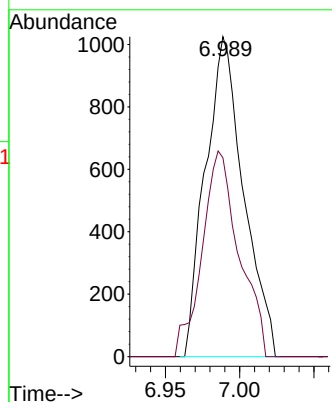
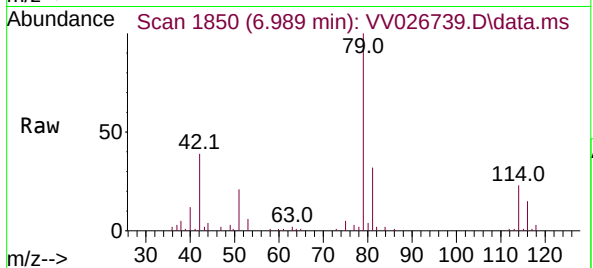
C0AP2

Tgt Ion: 75 Resp: 1833

Ion Ratio Lower Upper

75 100

77 62.1 21.4 39.8#



#49

Dibromochloromethane

Concen: 0.025 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV026739.D

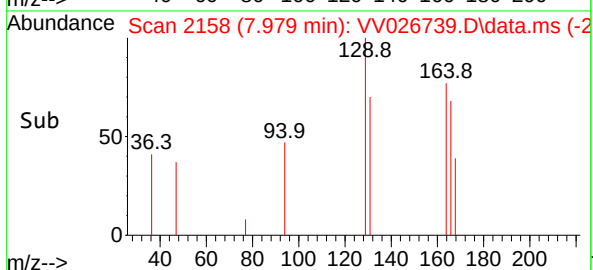
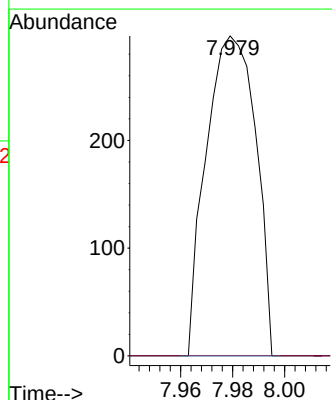
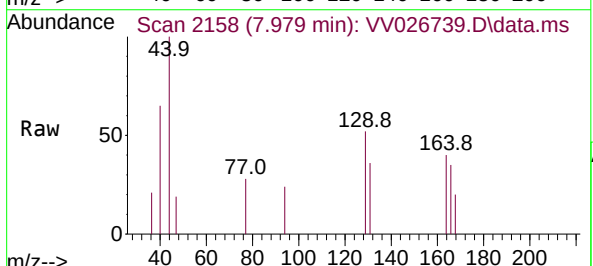
Acq: 12 Jul 2022 20:39

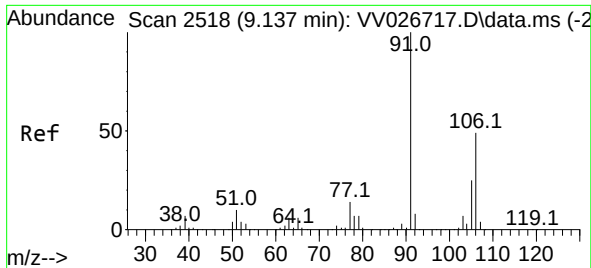
Tgt Ion: 129 Resp: 393

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#

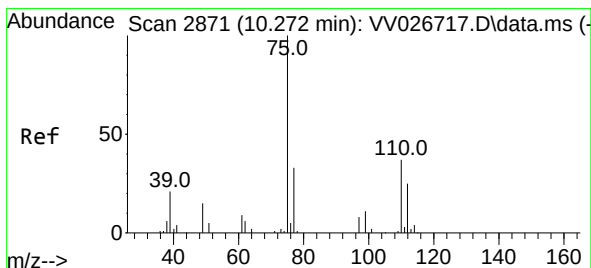
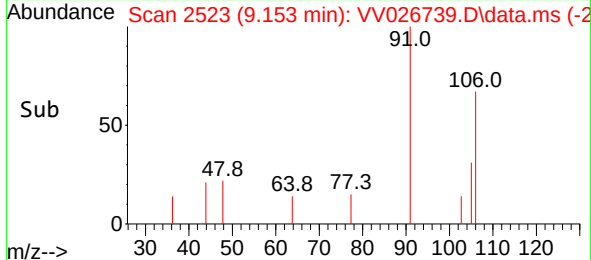
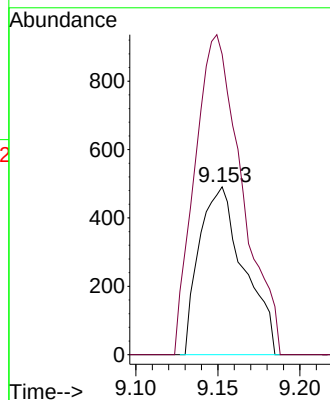
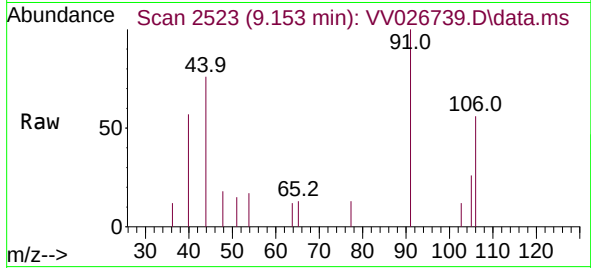




#53
m,p-Xylene
Concen: 0.031 ug/L
RT: 9.153 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV026739.D
Acq: 12 Jul 2022 20:39

Instrument :
MSVOA_V
ClientSampleId :
C0AP2

Tgt Ion:106 Resp: 929
Ion Ratio Lower Upper
106 100
91 179.0 139.3 258.7



#61
1,2,3-Trichloropropane
Concen: 1.361 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026739.D
Acq: 12 Jul 2022 20:39

Tgt Ion: 75 Resp: 11274
Ion Ratio Lower Upper
75 100
77 34.1 25.4 38.0
110 1.2 31.8 47.6#

