

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071422\
 Data File : VV026772.D
 Acq On : 14 Jul 2022 12:52
 Operator : SY/MD
 Sample : N3658-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP7

Quant Time: Jul 15 06:42:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 15 06:40:32 2022
 Response via : Initial Calibration

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

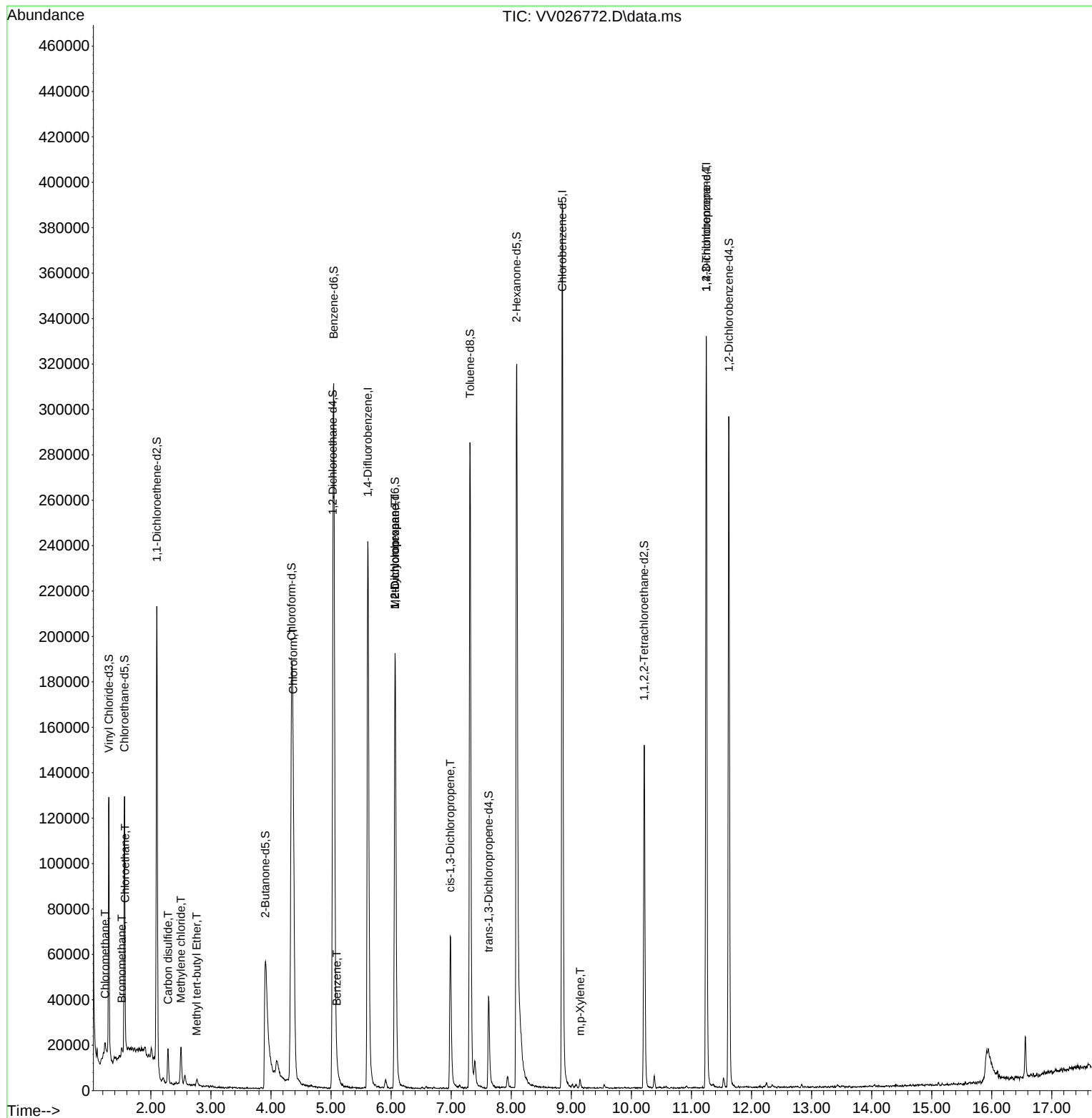
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	214280	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	223038	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86557	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	71644	3.665	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.561	69	72571	4.296	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.098	63	104505	2.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.600%#
20) 2-Butanone-d5	3.905	46	134695	44.148	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.300%
24) Chloroform-d	4.343	84	169003	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.031	65	76882	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.043	84	282422	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.066	67	95952	4.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.314	98	203482	3.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	7.622	79	25656	3.859	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.088	63	129827	45.103	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	75381	4.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	75418	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	2858	0.109	ug/L	98
6) Bromomethane	1.516	94	1296	0.081	ug/L	87
8) Chloroethane	1.571	64	2717	0.173	ug/L #	49
14) Carbon disulfide	2.285	76	17318	0.313	ug/L #	94
16) Methylene chloride	2.500	84	6689	0.299	ug/L	97
17) Methyl tert-butyl Ether	2.761	73	2046	0.063	ug/L #	79
25) Chloroform	4.368	83	110335	3.341	ug/L	98
33) Benzene	5.095	78	4969	0.067	ug/L	100
35) Methylcyclohexane	6.066	83	23210	0.830	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	10063	0.564	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	1934	0.087	ug/L #	50
53) m,p-Xylene	9.146	106	1171	0.040	ug/L	82
61) 1,2,3-Trichloropropane	11.246	75	10223	1.281	ug/L #	63

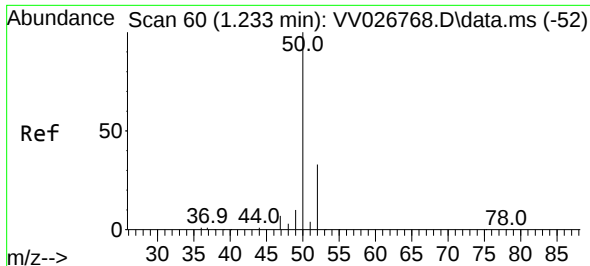
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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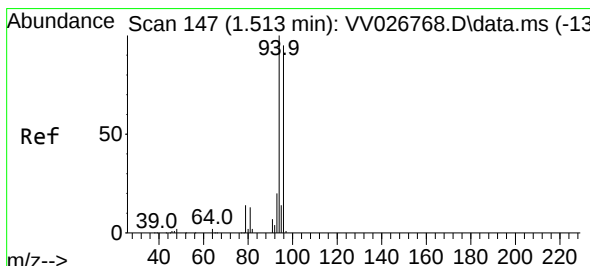
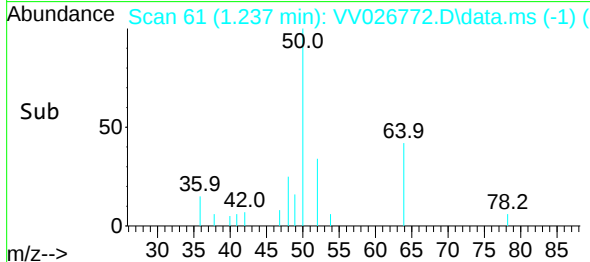
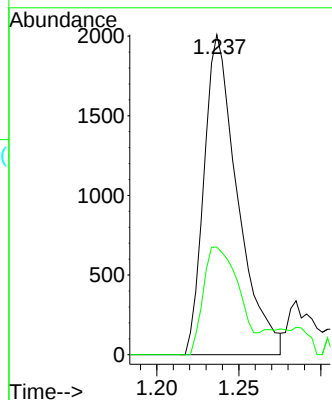
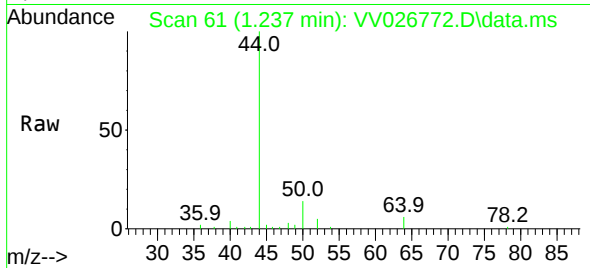




#3
Chloromethane
Concen: 0.109 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026772.D
Acq: 14 Jul 2022 12:52

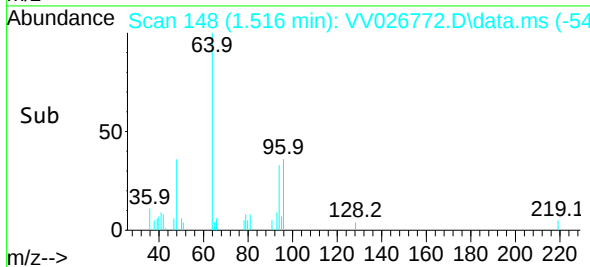
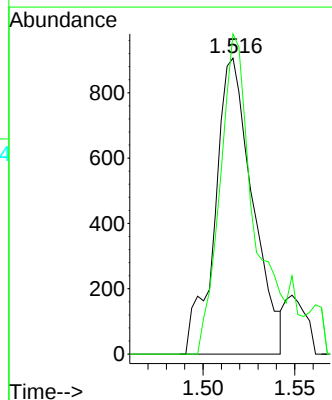
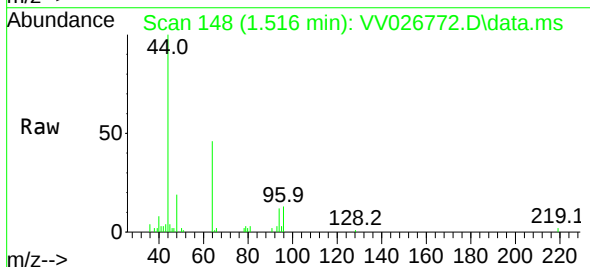
Instrument :
MSVOA_V
ClientSampleId :
C0AP7

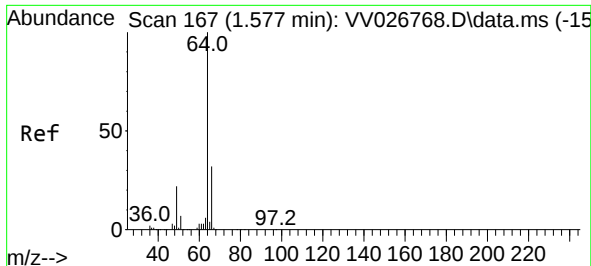
Tgt Ion: 50 Resp: 2858
Ion Ratio Lower Upper
50 100
52 33.6 22.8 42.4



#6
Bromomethane
Concen: 0.081 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.003 min
Lab File: VV026772.D
Acq: 14 Jul 2022 12:52

Tgt Ion: 94 Resp: 1296
Ion Ratio Lower Upper
94 100
96 108.2 67.1 124.7

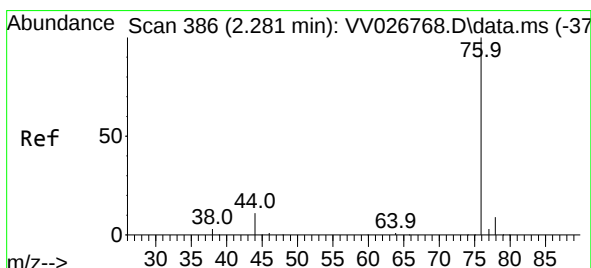
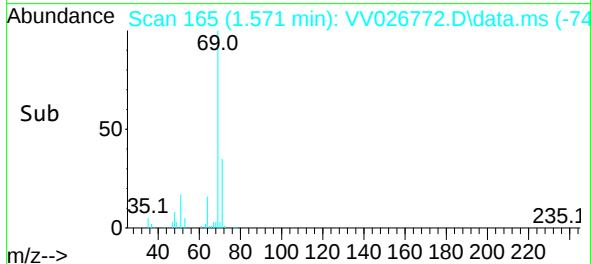
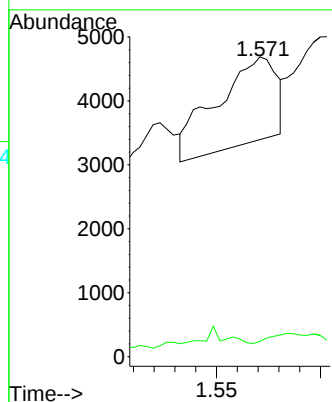
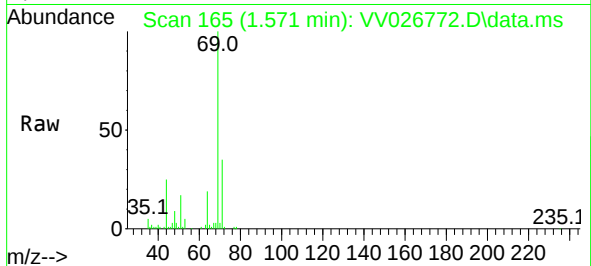




#8
Chloroethane
Concen: 0.173 ug/L
RT: 1.571 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV026772.D
Acq: 14 Jul 2022 12:52

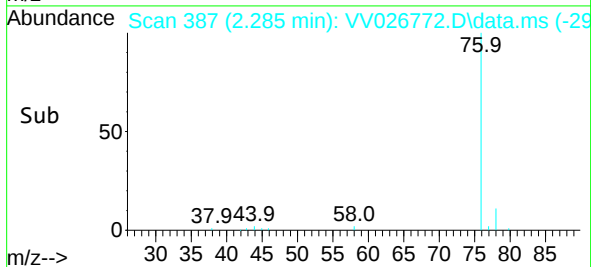
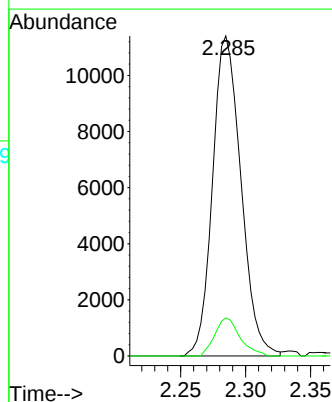
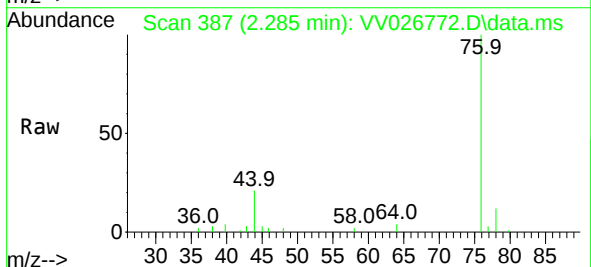
Instrument :
MSVOA_V
ClientSampleId :
C0AP7

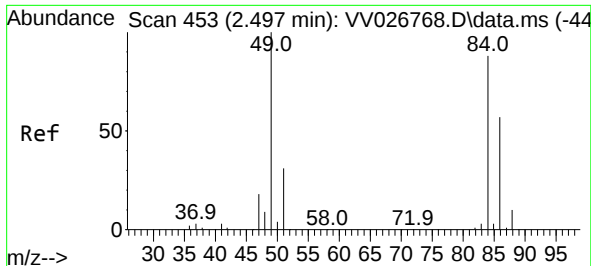
Tgt Ion: 64 Resp: 2717
Ion Ratio Lower Upper
64 100
66 5.1 23.9 44.5#



#14
Carbon disulfide
Concen: 0.313 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.003 min
Lab File: VV026772.D
Acq: 14 Jul 2022 12:52

Tgt Ion: 76 Resp: 17318
Ion Ratio Lower Upper
76 100
78 11.9 7.7 11.5#

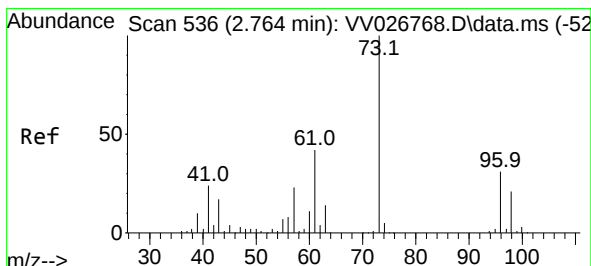
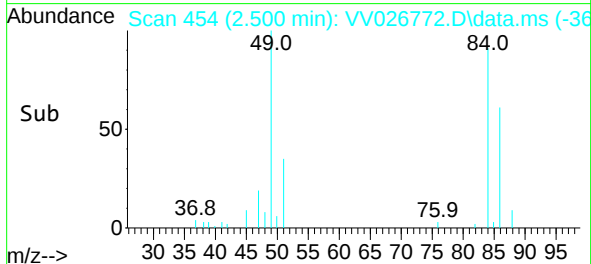
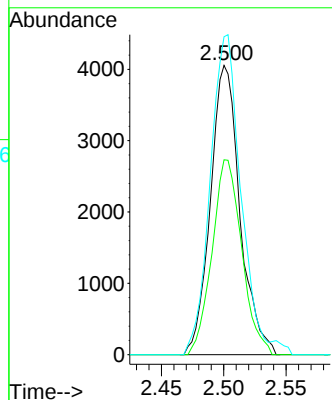
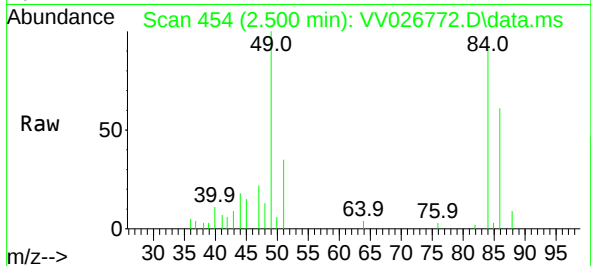




#16
Methylene chloride
Concen: 0.299 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026772.D
Acq: 14 Jul 2022 12:52

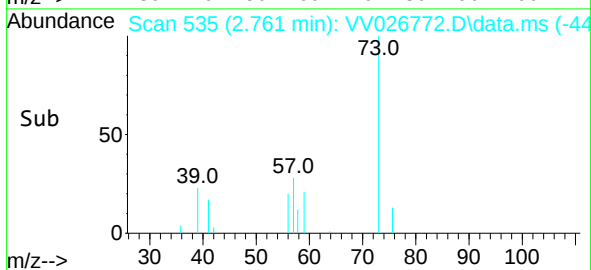
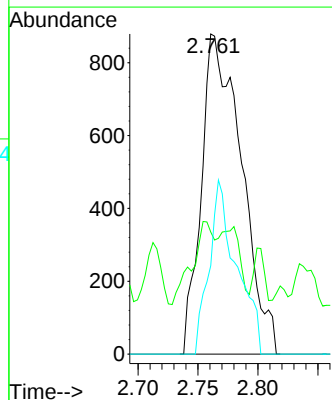
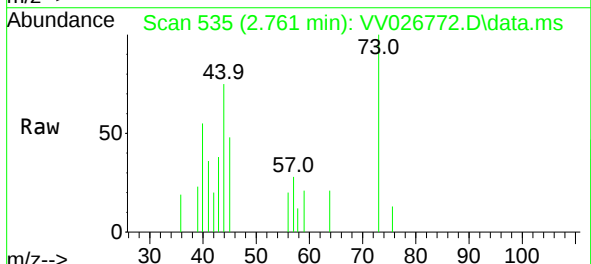
Instrument :
MSVOA_V
ClientSampleId :
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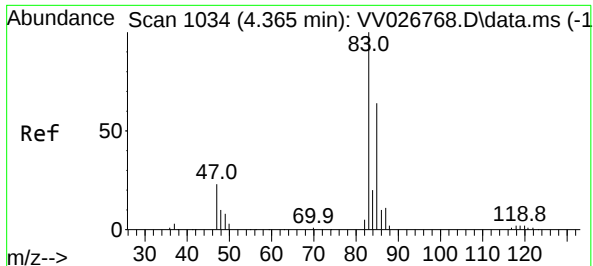
Tgt Ion: 84 Resp: 6689
Ion Ratio Lower Upper
84 100
86 67.4 44.8 83.2
49 109.9 78.7 146.1



#17
Methyl tert-butyl Ether
Concen: 0.063 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV026772.D
Acq: 14 Jul 2022 12:52

Tgt Ion: 73 Resp: 2046
Ion Ratio Lower Upper
73 100
43 14.0 14.0 21.0#
57 37.0 17.6 26.4#





#25

Chloroform

Concen: 3.341 ug/L

RT: 4.368 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV026772.D

Acq: 14 Jul 2022 12:52

Instrument :

MSVOA_V

ClientSampleId :

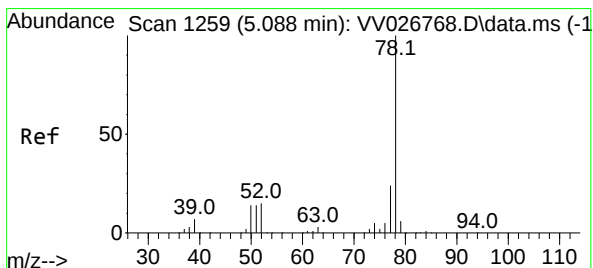
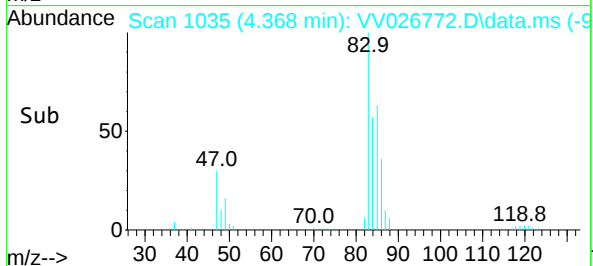
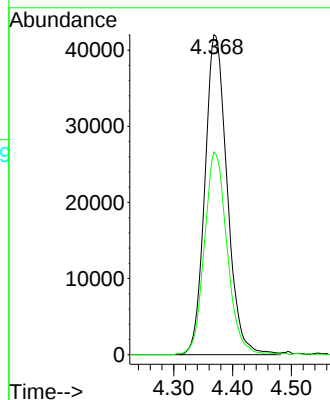
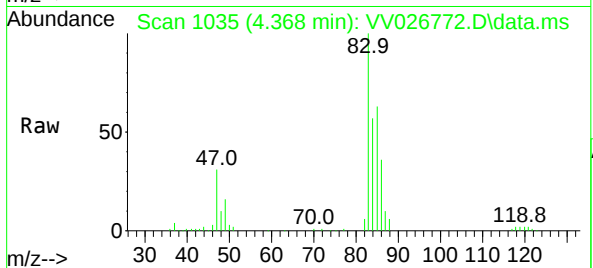
C0AP7

Tgt Ion: 83 Resp: 110335

Ion Ratio Lower Upper

83 100

85 63.3 45.7 84.9



#33

Benzene

Concen: 0.067 ug/L

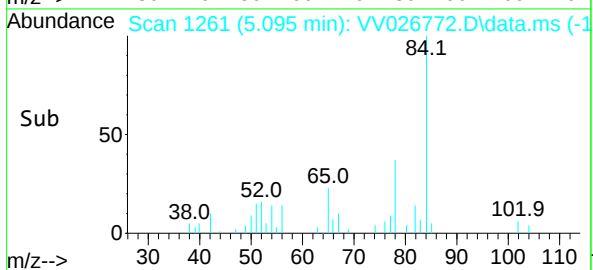
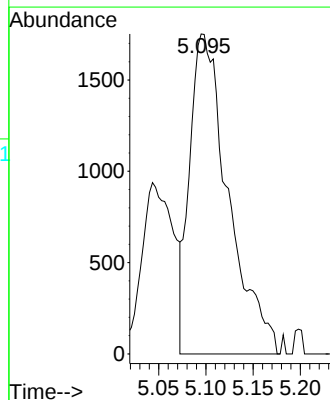
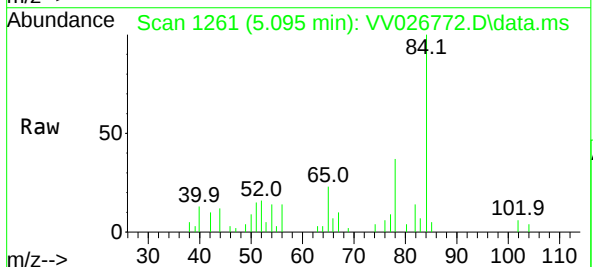
RT: 5.095 min Scan# 1261

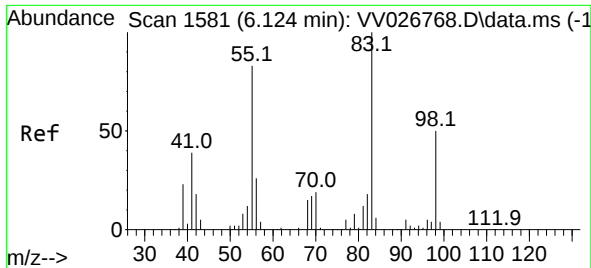
Delta R.T. 0.007 min

Lab File: VV026772.D

Acq: 14 Jul 2022 12:52

Tgt Ion: 78 Resp: 4969

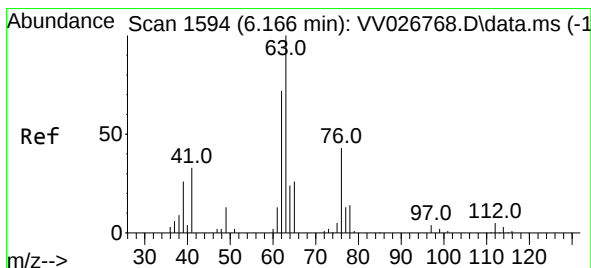
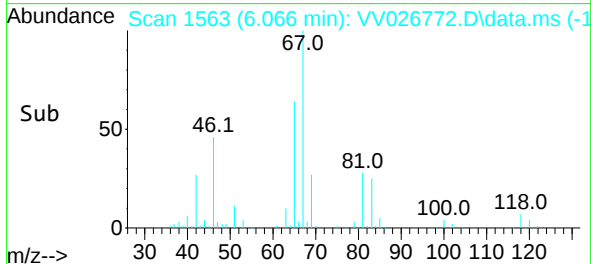
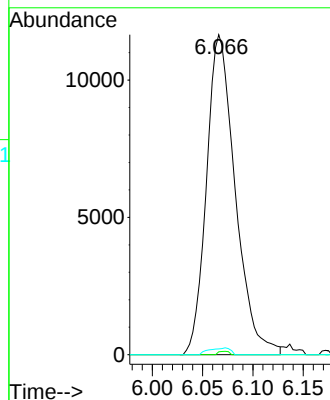
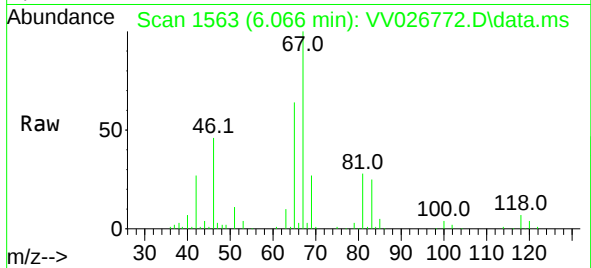




#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV026772.D
Acq: 14 Jul 2022 12:52

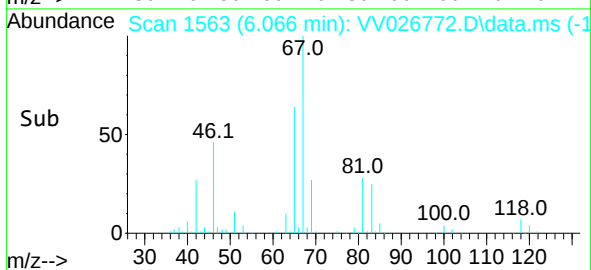
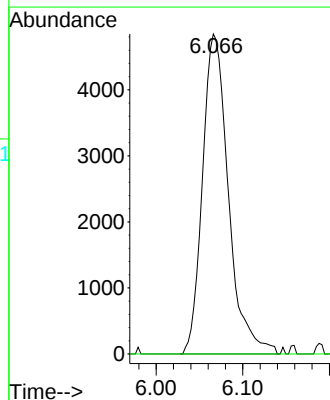
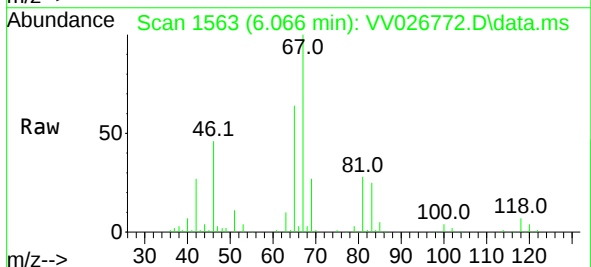
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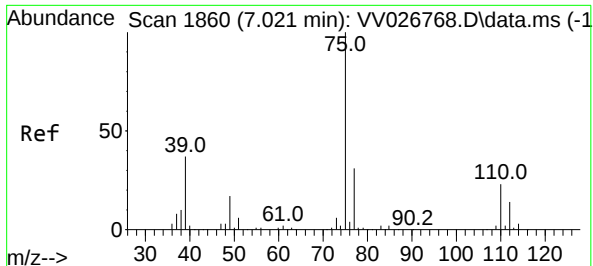
Tgt Ion: 83 Resp: 23210
Ion Ratio Lower Upper
83 100
55 0.4 59.5 89.3#
98 1.6 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV026772.D
Acq: 14 Jul 2022 12:52

Tgt Ion: 63 Resp: 10063
Ion Ratio Lower Upper
63 100
112 0.2 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026772.D

Acq: 14 Jul 2022 12:52

Instrument :

MSVOA_V

ClientSampleId :

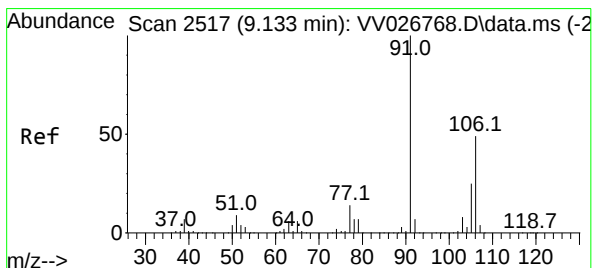
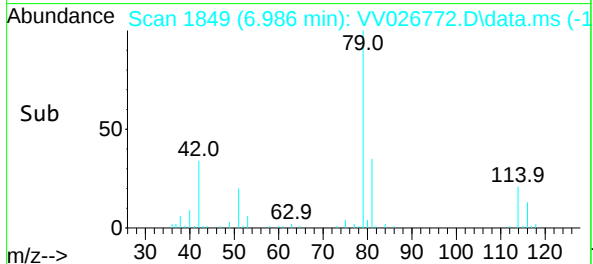
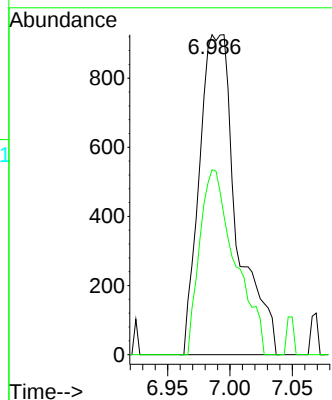
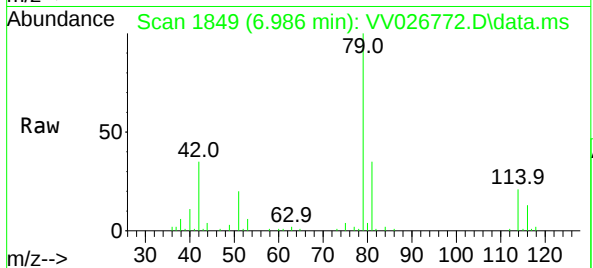
C0AP7

Tgt Ion: 75 Resp: 1934

Ion Ratio Lower Upper

75 100

77 57.8 21.4 39.8#



#53

m,p-Xylene

Concen: 0.040 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.013 min

Lab File: VV026772.D

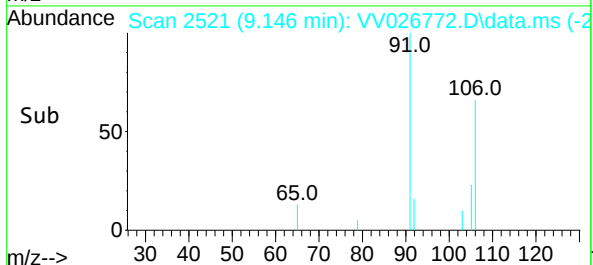
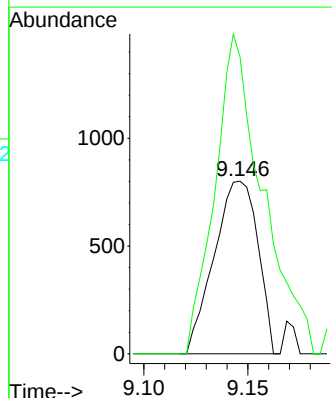
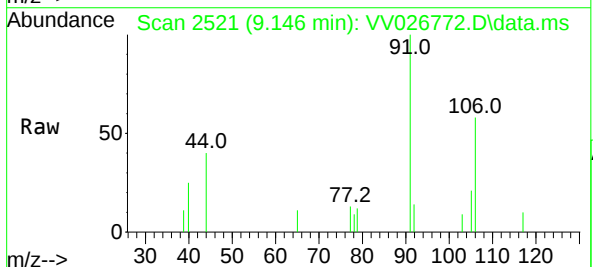
Acq: 14 Jul 2022 12:52

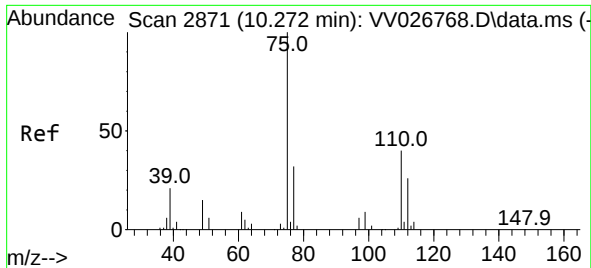
Tgt Ion: 106 Resp: 1171

Ion Ratio Lower Upper

106 100

91 171.9 139.3 258.7





#61
 1,2,3-Trichloropropane
 Concen: 1.281 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026772.D
 Acq: 14 Jul 2022 12:52

Instrument :
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 ClientSampleId :
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Tgt Ion: 75 Resp: 10223
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.4 38.0
 110 2.1 31.8 47.6#

