

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071422\
 Data File : VW026771.D
 Acq On : 14 Jul 2022 12:28
 Operator : SY/MD
 Sample : N3658-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP5

Quant Time: Jul 15 06:41:53 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)

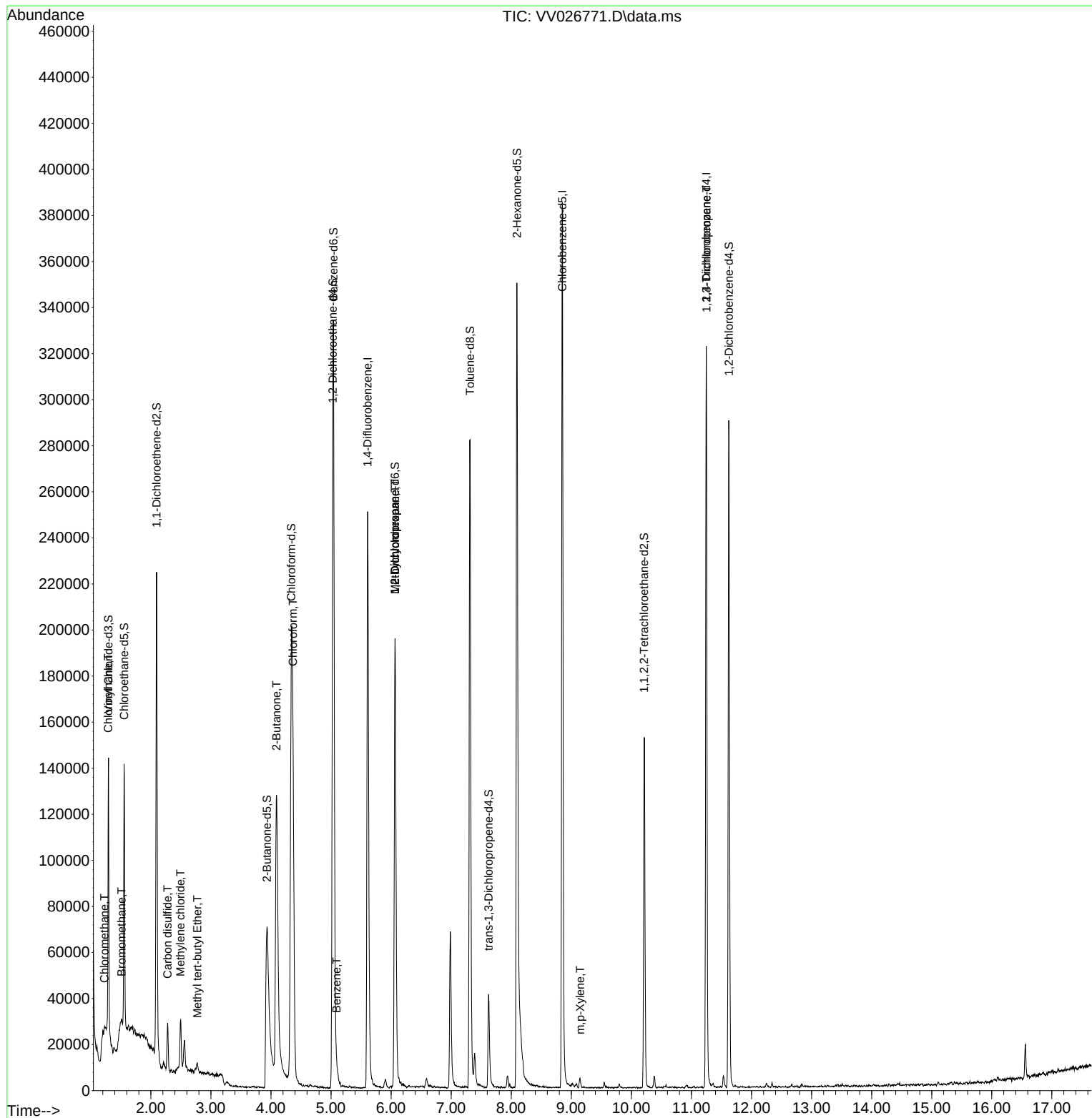
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	214412	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	216588	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84007	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	72411	3.702	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.555	69	72101	4.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.095	63	108324	2.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	3.934	46	160590	52.603	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.200%
24) Chloroform-d	4.339	84	170675	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.027	65	76366	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.040	84	282552	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.066	67	97353	4.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.313	98	198477	3.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	7.625	79	25594	3.964	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.095	63	131307	46.976	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	74360	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	73369	5.013	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
3) Chloromethane	1.227	50	1324	0.051	ug/L	100
6) Bromomethane	1.513	94	1416	0.089	ug/L	99
8) Chloroethane	1.291	64	6648	0.424	ug/L	88
14) Carbon disulfide	2.278	76	23499	0.424	ug/L	98
16) Methylene chloride	2.494	84	8256	0.369	ug/L	96
17) Methyl tert-butyl Ether	2.773	73	2937	0.091	ug/L #	84
21) 2-Butanone	4.092	43	219339	73.221	ug/L #	47
25) Chloroform	4.365	83	122444	3.705	ug/L	99
33) Benzene	5.092	78	5949	0.082	ug/L	100
35) Methylcyclohexane	6.066	83	23754	0.875	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	10461	0.604	ug/L #	86
53) m,p-Xylene	9.146	106	1163	0.041	ug/L	98
61) 1,2,3-Trichloropropane	11.249	75	10831	1.398	ug/L #	65

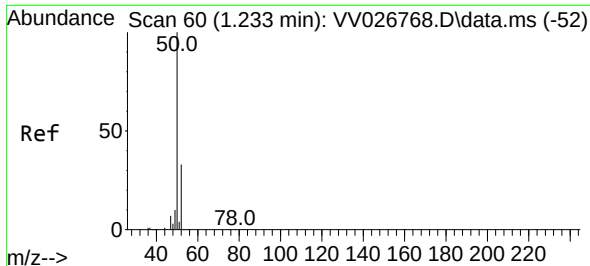
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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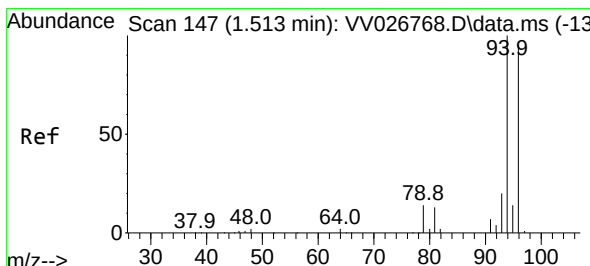
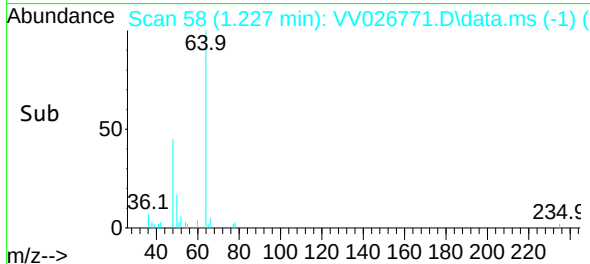
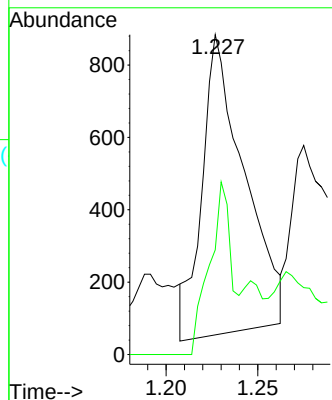
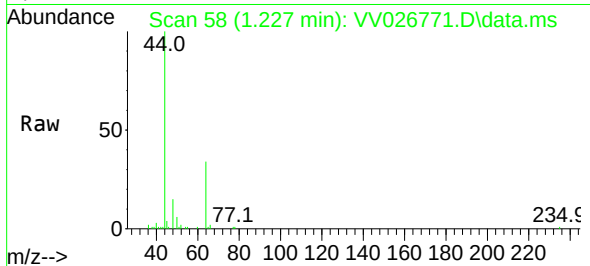




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.227 min Scan# 50
Delta R.T. -0.006 min
Lab File: VV026771.D
Acq: 14 Jul 2022 12:28

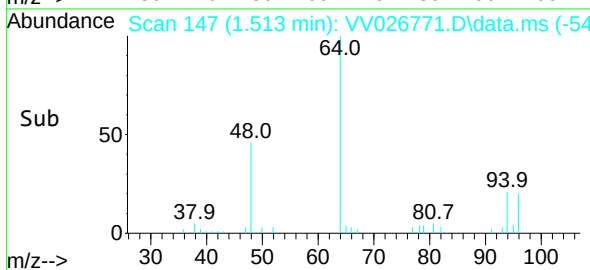
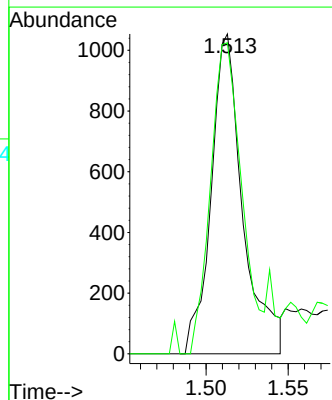
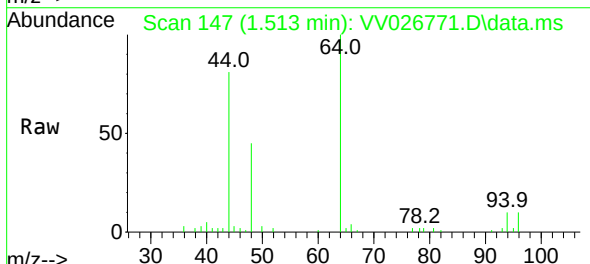
Instrument :
MSVOA_V
ClientSampleId :
C0AP5

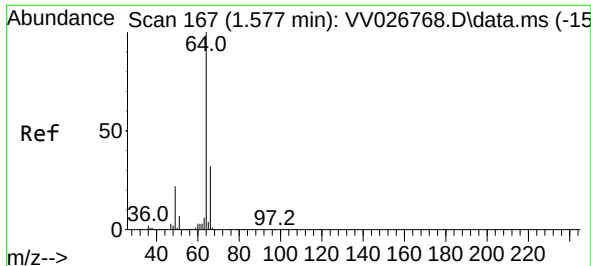
Tgt Ion: 50 Resp: 1324
Ion Ratio Lower Upper
50 100
52 32.7 22.8 42.4



#6
Bromomethane
Concen: 0.089 ug/L
RT: 1.513 min Scan# 147
Delta R.T. -0.000 min
Lab File: VV026771.D
Acq: 14 Jul 2022 12:28

Tgt Ion: 94 Resp: 1416
Ion Ratio Lower Upper
94 100
96 97.2 67.1 124.7





#8

Chloroethane

Concen: 0.424 ug/L

RT: 1.291 min Scan# 71

Delta R.T. -0.286 min

Lab File: VV026771.D

Acq: 14 Jul 2022 12:28

Instrument :

MSVOA_V

ClientSampleId :

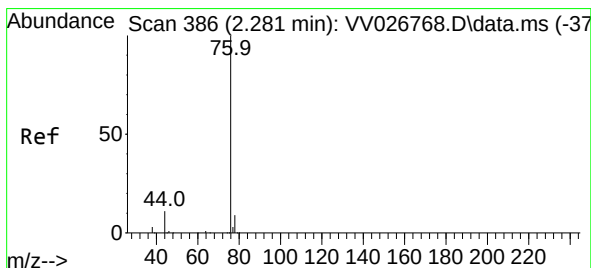
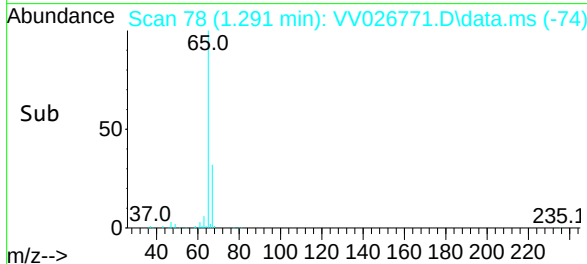
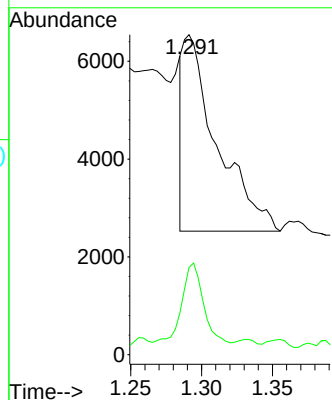
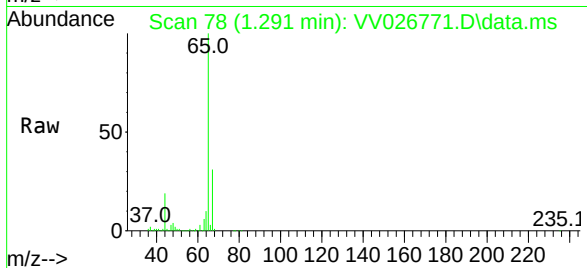
C0AP5

Tgt Ion: 64 Resp: 6648

Ion Ratio Lower Upper

64 100

66 27.3 23.9 44.5



#14

Carbon disulfide

Concen: 0.424 ug/L

RT: 2.278 min Scan# 385

Delta R.T. -0.003 min

Lab File: VV026771.D

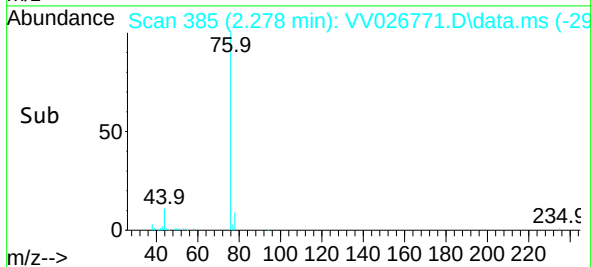
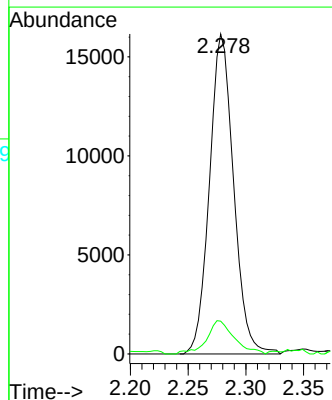
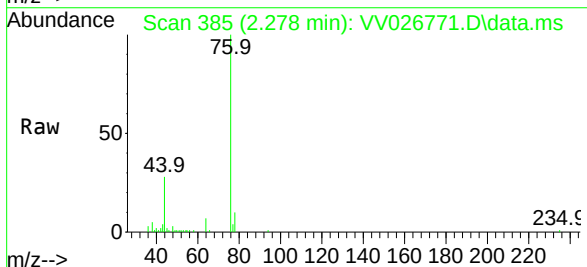
Acq: 14 Jul 2022 12:28

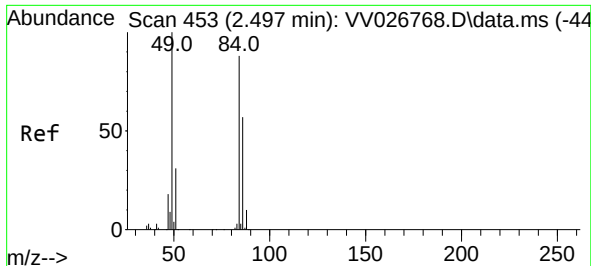
Tgt Ion: 76 Resp: 23499

Ion Ratio Lower Upper

76 100

78 10.2 7.7 11.5

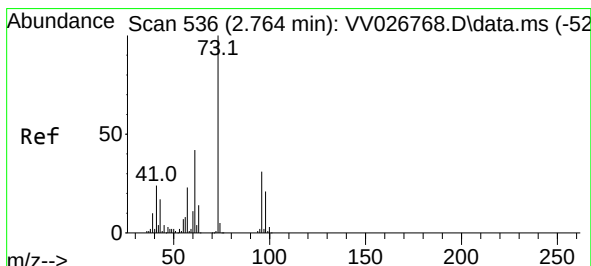
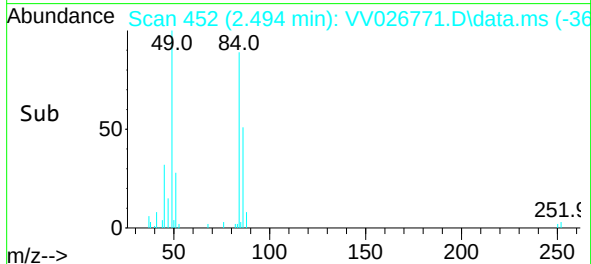
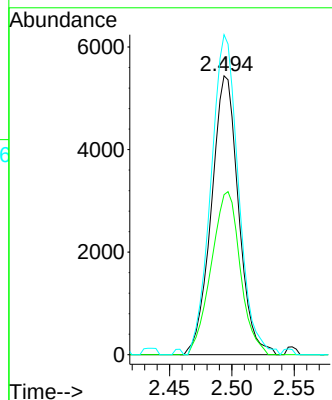
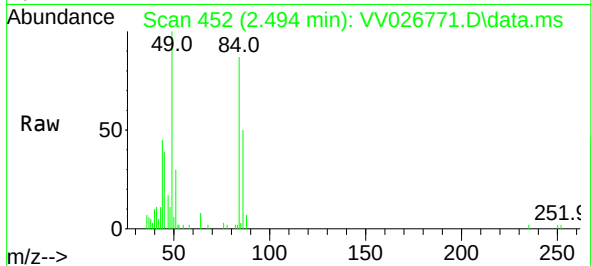




#16
Methylene chloride
Concen: 0.369 ug/L
RT: 2.494 min Scan# 411
Delta R.T. -0.003 min
Lab File: VV026771.D
Acq: 14 Jul 2022 12:28

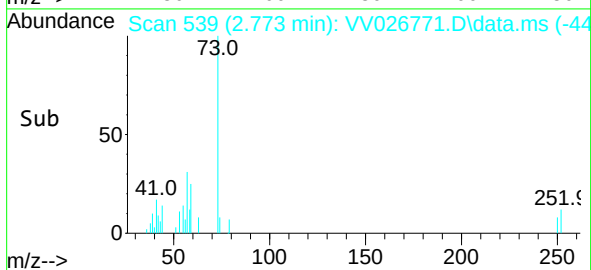
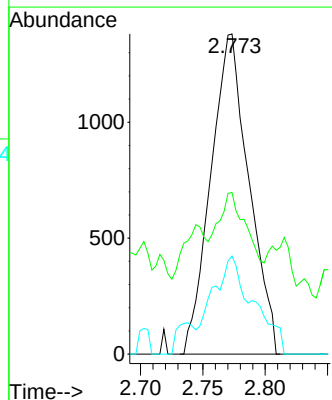
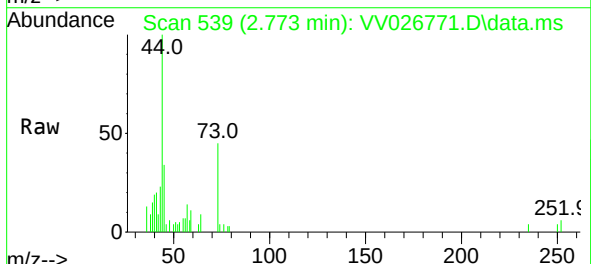
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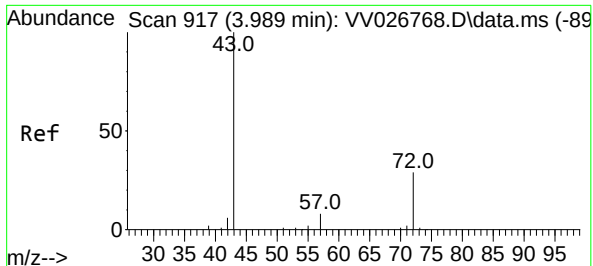
Tgt Ion: 84 Resp: 8256
Ion Ratio Lower Upper
84 100
86 57.4 44.8 83.2
49 114.7 78.7 146.1



#17
Methyl tert-butyl Ether
Concen: 0.091 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.010 min
Lab File: VV026771.D
Acq: 14 Jul 2022 12:28

Tgt Ion: 73 Resp: 2937
Ion Ratio Lower Upper
73 100
43 21.1 14.0 21.0#
57 32.8 17.6 26.4#

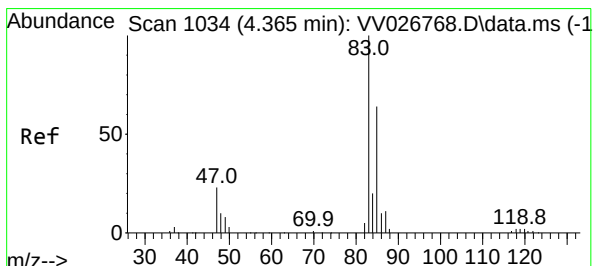
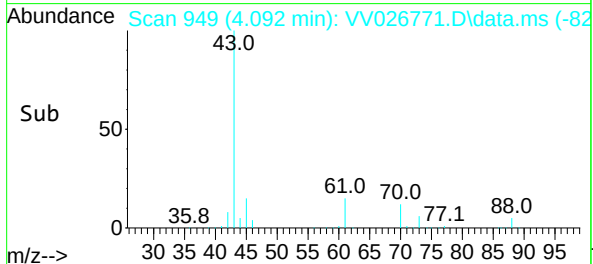
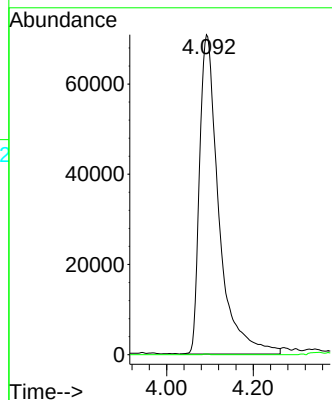
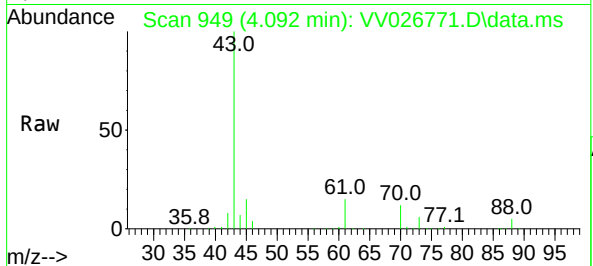




#21
2-Butanone
Concen: 73.221 ug/L
RT: 4.092 min Scan# 949
Delta R.T. 0.103 min
Lab File: VV026771.D
Acq: 14 Jul 2022 12:28

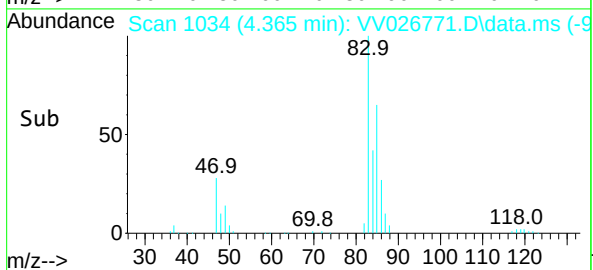
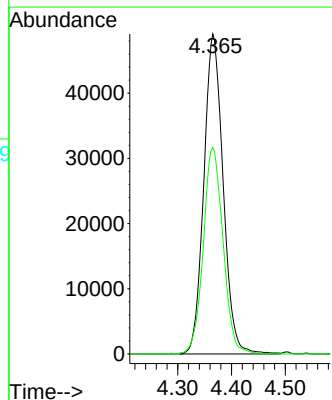
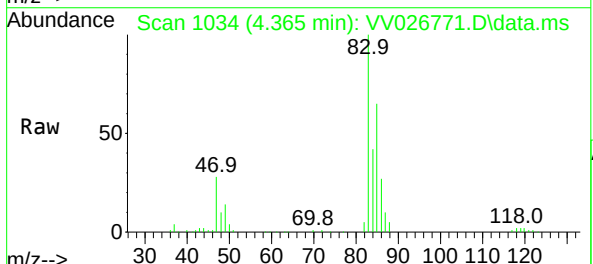
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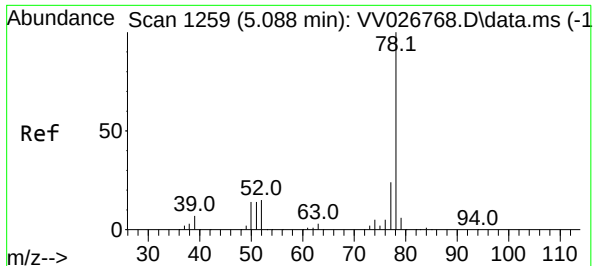
Tgt Ion: 43 Resp: 219339
Ion Ratio Lower Upper
43 100
72 0.1 13.9 41.7#



#25
Chloroform
Concen: 3.705 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VV026771.D
Acq: 14 Jul 2022 12:28

Tgt Ion: 83 Resp: 122444
Ion Ratio Lower Upper
83 100
85 64.5 45.7 84.9

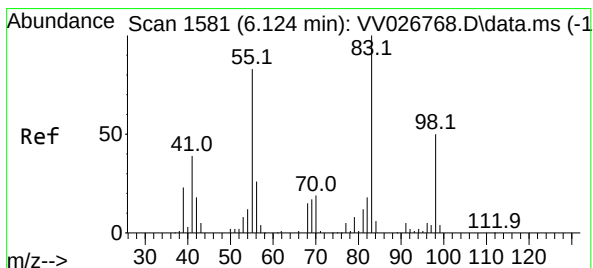
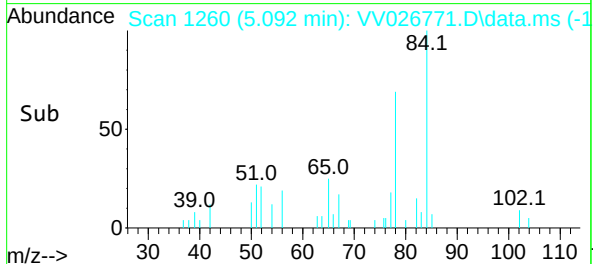
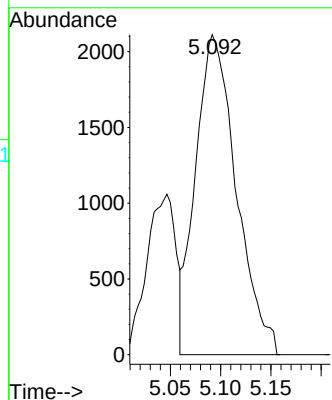
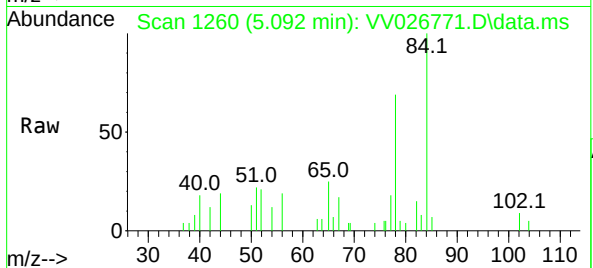




#33
Benzene
Concen: 0.082 ug/L
RT: 5.092 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026771.D
Acq: 14 Jul 2022 12:28

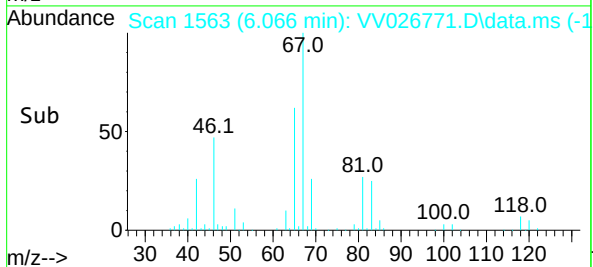
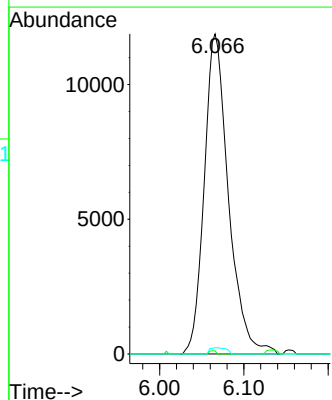
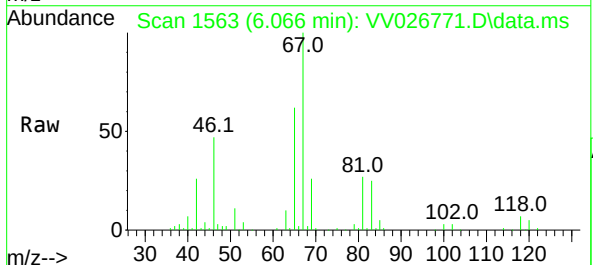
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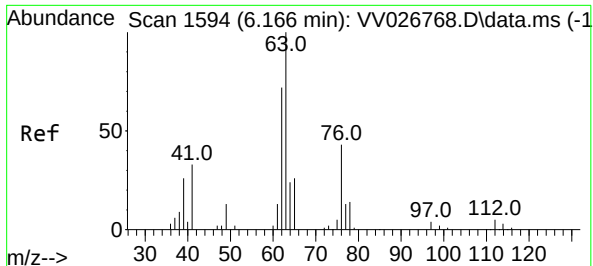
Tgt Ion: 78 Resp: 5949



#35
Methylcyclohexane
Concen: 0.875 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
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Tgt Ion: 83 Resp: 23754
Ion Ratio Lower Upper
83 100
55 0.3 59.5 89.3#
98 1.3 38.3 57.5#

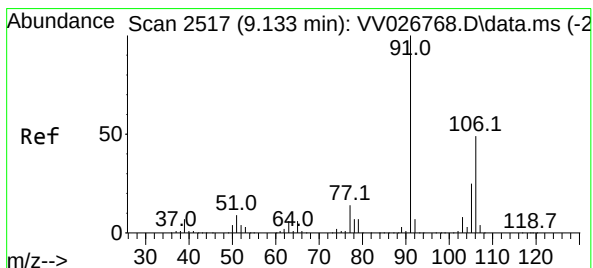
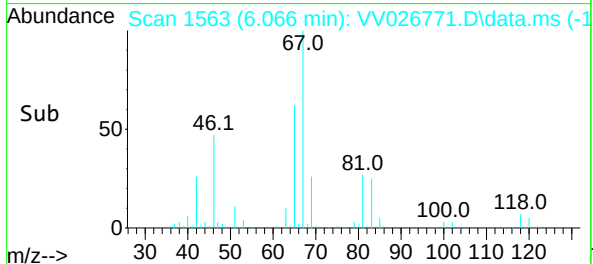
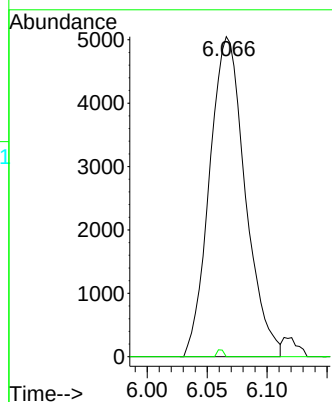
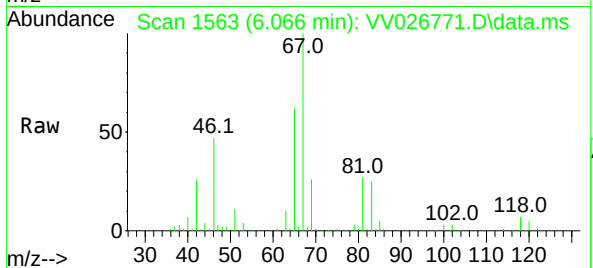




#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV026771.D
Acq: 14 Jul 2022 12:28

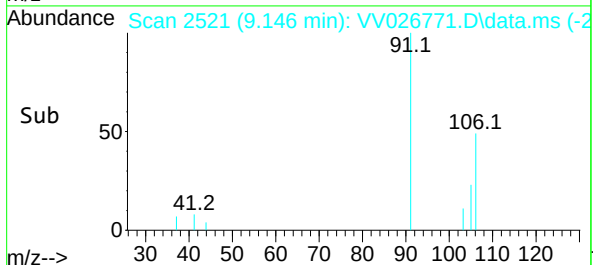
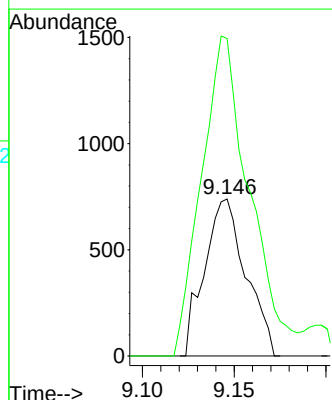
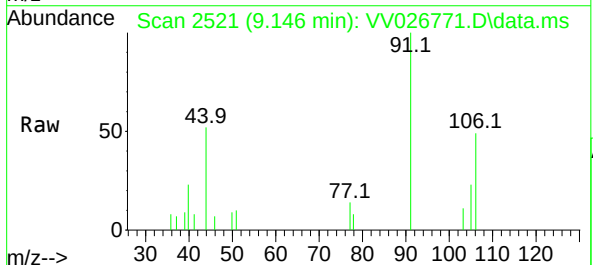
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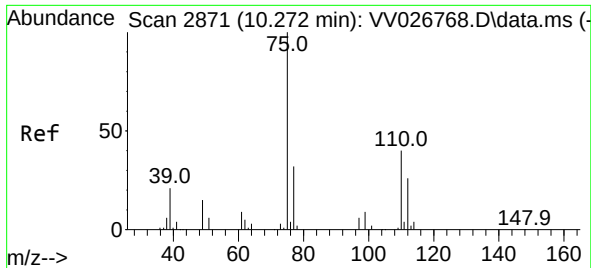
Tgt Ion: 63 Resp: 10461
Ion Ratio Lower Upper
63 100
112 0.4 4.2 6.2#



#53
m,p-Xylene
Concen: 0.041 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.013 min
Lab File: VV026771.D
Acq: 14 Jul 2022 12:28

Tgt Ion: 106 Resp: 1163
Ion Ratio Lower Upper
106 100
91 202.3 139.3 258.7





#61
 1,2,3-Trichloropropane
 Concen: 1.398 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV026771.D
 Acq: 14 Jul 2022 12:28

Instrument :
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Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.0
110	1.5	31.8	47.6#

