

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027521.D
 Acq On : 26 Aug 2022 02:26
 Operator : SY/MD
 Sample : N4370-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 03:51:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 01:50:00 2022
 Response via : Initial Calibration

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

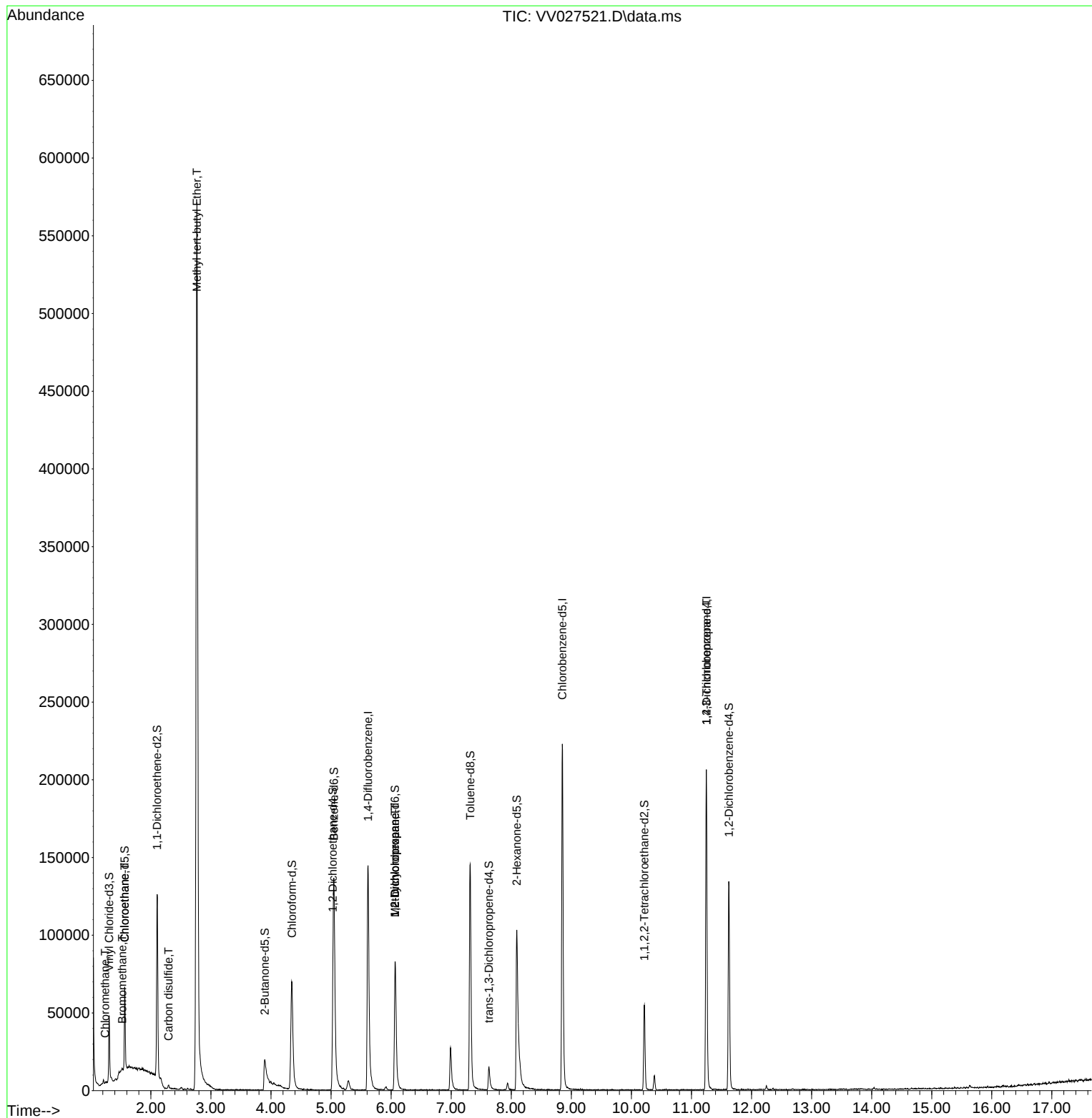
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	129111	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55026	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31749	3.455	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.564	69	34061	5.065	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.105	63	62948	2.938	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.896	46	37750	33.011	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.020%
24) Chloroform-d	4.349	84	74688	4.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.031	65	33989	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.050	84	129440	3.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	6.066	67	39866	3.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.317	98	103842	3.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.800%#
43) trans-1,3-Dichloroprop...	7.629	79	10069	2.891	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.800%
46) 2-Hexanone-d5	8.092	63	42176	36.788	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25318	3.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	35569	4.361	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	517	0.043	ug/L	85
6) Bromomethane	1.523	94	741	0.124	ug/L	88
8) Chloroethane	1.564	64	819	0.116	ug/L #	49
14) Carbon disulfide	2.294	76	2372	0.088	ug/L #	75
17) Methyl tert-butyl Ether	2.767	73	581047	28.748	ug/L	99
35) Methylcyclohexane	6.066	83	10511	0.676	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	4661	0.416	ug/L #	85
61) 1,2,3-Trichloropropane	11.249	75	6151	1.274	ug/L #	67

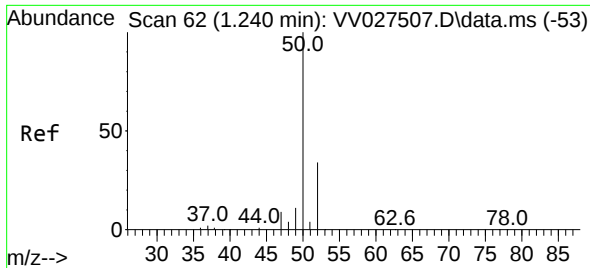
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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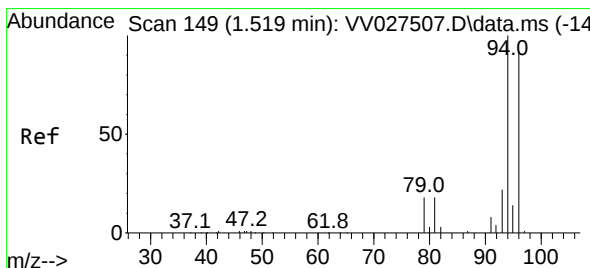
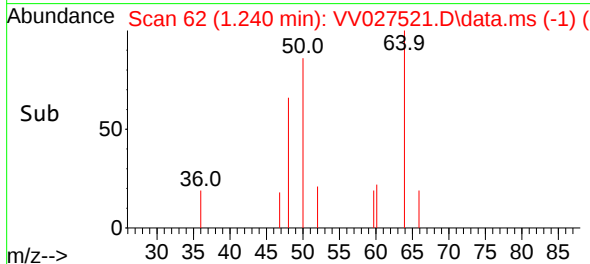
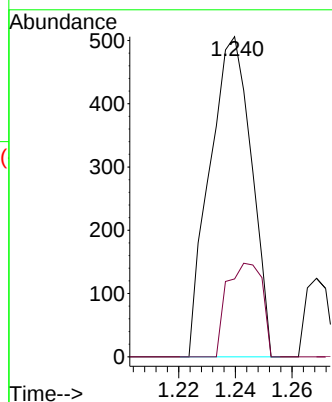
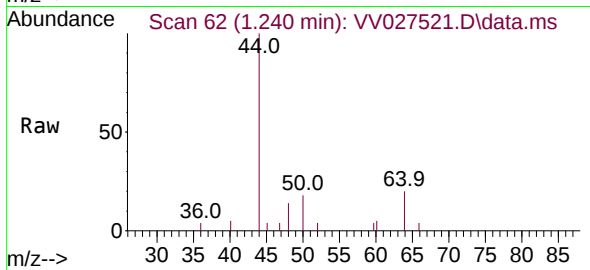




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027521.D
Acq: 26 Aug 2022 02:26

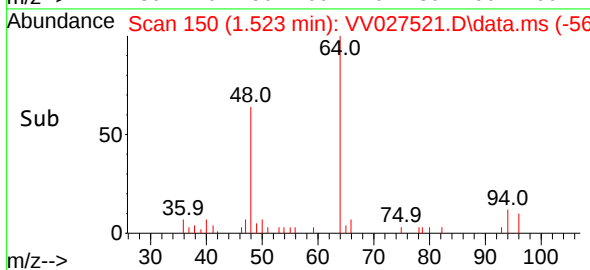
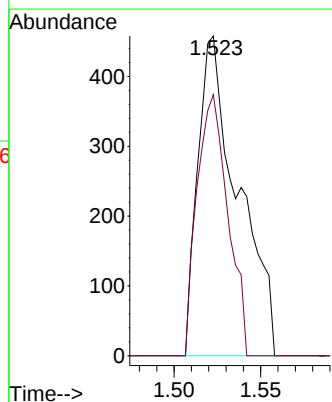
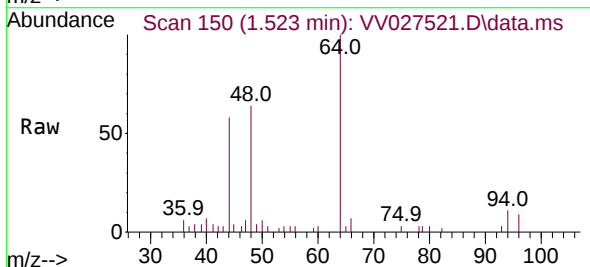
Instrument :
MSVOA_V
ClientSampleId :

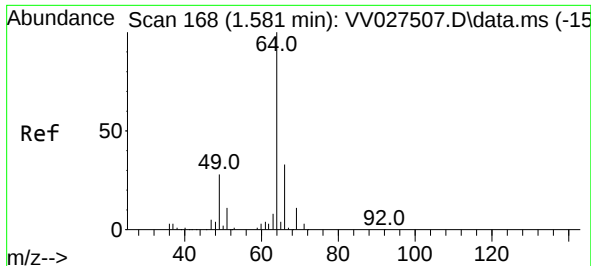
Tgt Ion: 50 Resp: 517
Ion Ratio Lower Upper
50 100
52 24.3 22.8 42.4



#6
Bromomethane
Concen: 0.124 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027521.D
Acq: 26 Aug 2022 02:26

Tgt Ion: 94 Resp: 741
Ion Ratio Lower Upper
94 100
96 81.7 65.2 121.0

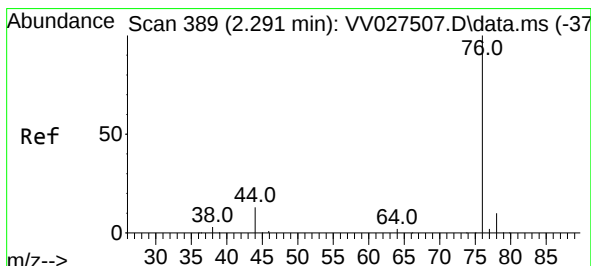
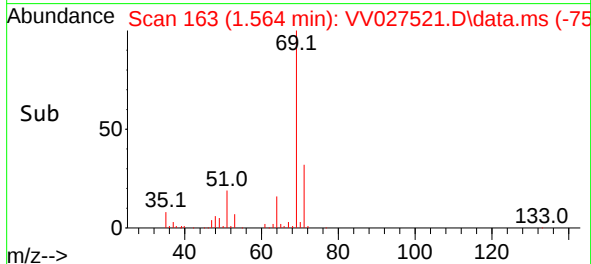
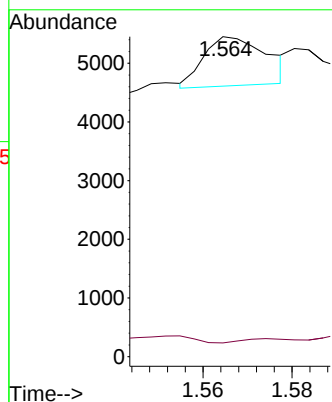
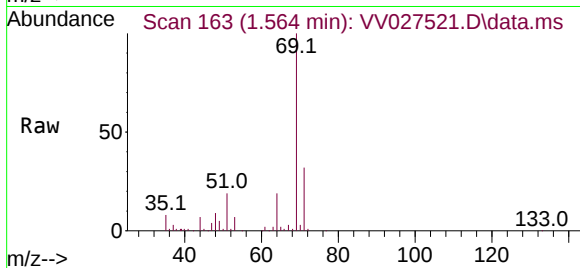




#8
Chloroethane
Concen: 0.116 ug/L
RT: 1.564 min Scan# 1
Delta R.T. -0.016 min
Lab File: VV027521.D
Acq: 26 Aug 2022 02:26

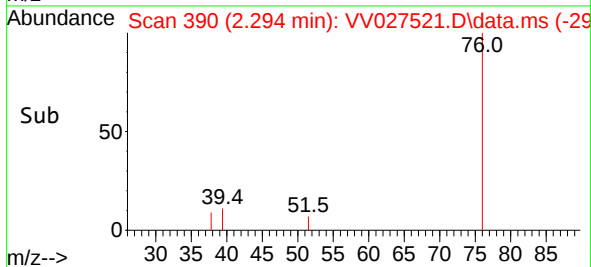
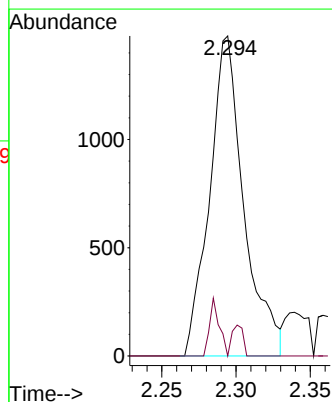
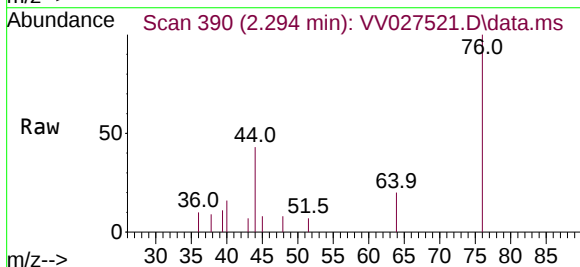
Instrument :
MSVOA_V
ClientSampleId :

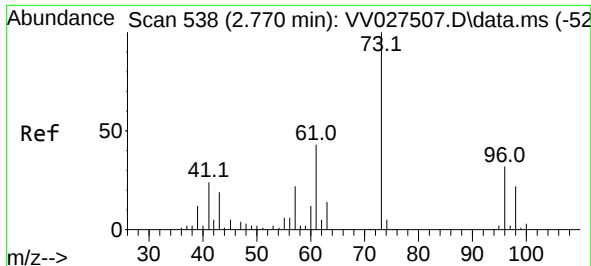
Tgt Ion: 64 Resp: 819
Ion Ratio Lower Upper
64 100
66 4.3 23.3 43.3#



#14
Carbon disulfide
Concen: 0.088 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV027521.D
Acq: 26 Aug 2022 02:26

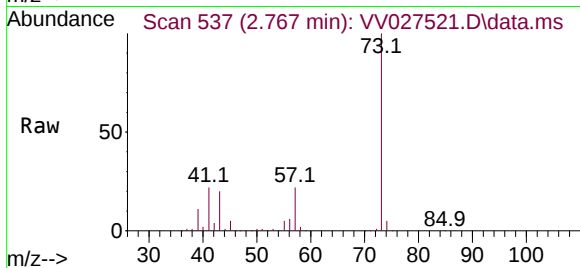
Tgt Ion: 76 Resp: 2372
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



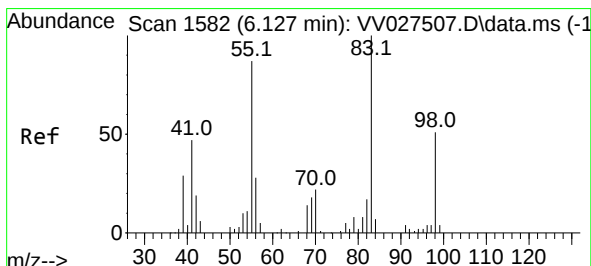
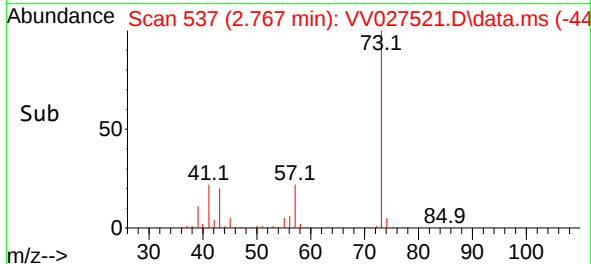
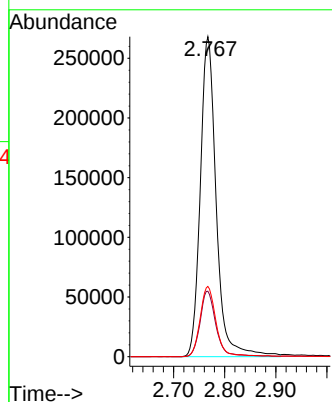


#17
Methyl tert-butyl Ether
Concen: 28.748 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027521.D
Acq: 26 Aug 2022 02:26

Instrument :
MSVOA_V
ClientSampleId :

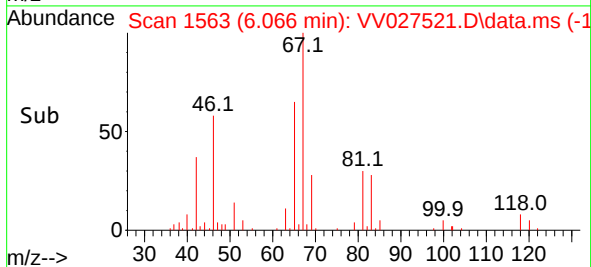
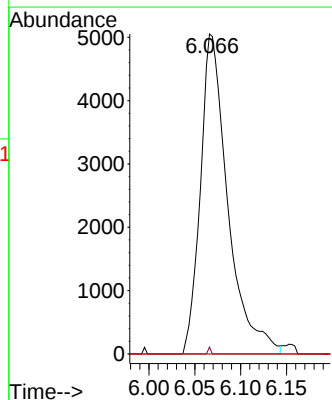
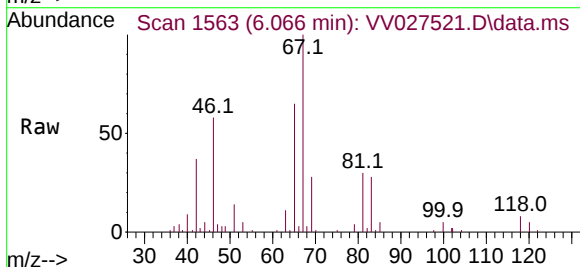


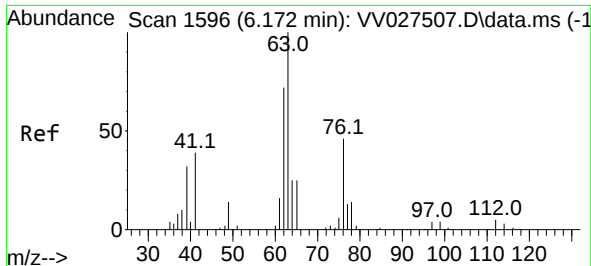
Tgt Ion: 73 Resp: 581047
Ion Ratio Lower Upper
73 100
43 20.5 15.6 23.4
57 21.4 17.0 25.6



#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027521.D
Acq: 26 Aug 2022 02:26

Tgt Ion: 83 Resp: 10511
Ion Ratio Lower Upper
83 100
55 0.2 68.2 102.4#
98 2.2 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.416 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV027521.D

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Instrument :

MSVOA_V

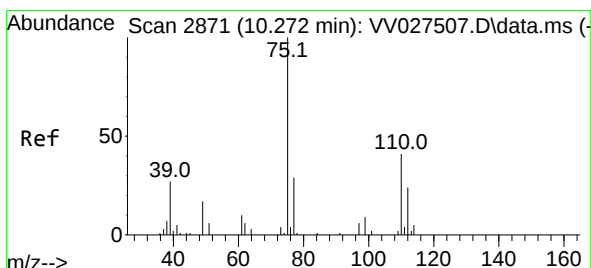
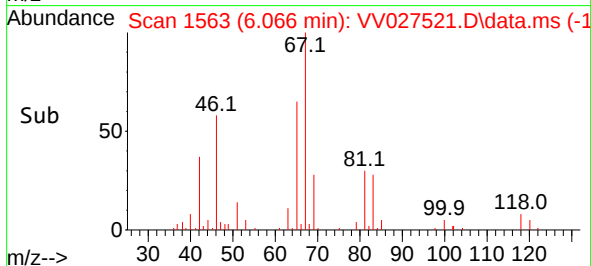
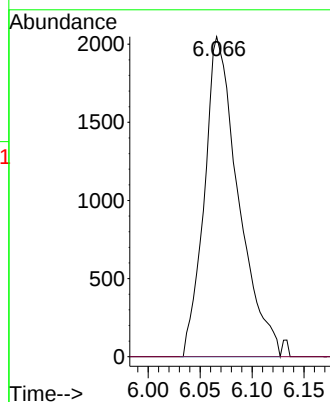
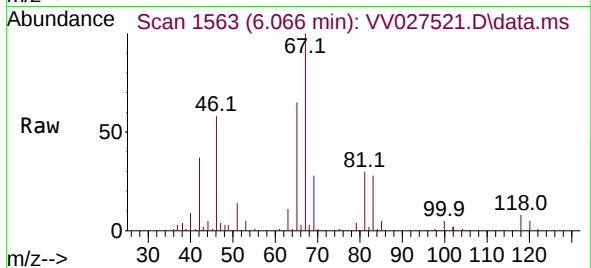
ClientSampleId :

Tgt Ion: 63 Resp: 4661

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#61

1,2,3-Trichloropropane

Concen: 1.274 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027521.D

Acq: 26 Aug 2022 02:26

Tgt Ion: 75 Resp: 6151

Ion Ratio Lower Upper

75 100

77 33.7 26.2 39.2

110 1.4 29.9 44.9#

