

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061722\
 Data File : VV026408.D
 Acq On : 18 Jun 2022 02:28
 Operator : SY/MD
 Sample : N3558-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 03:25:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 01:02:22 2022
 Response via : Initial Calibration

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

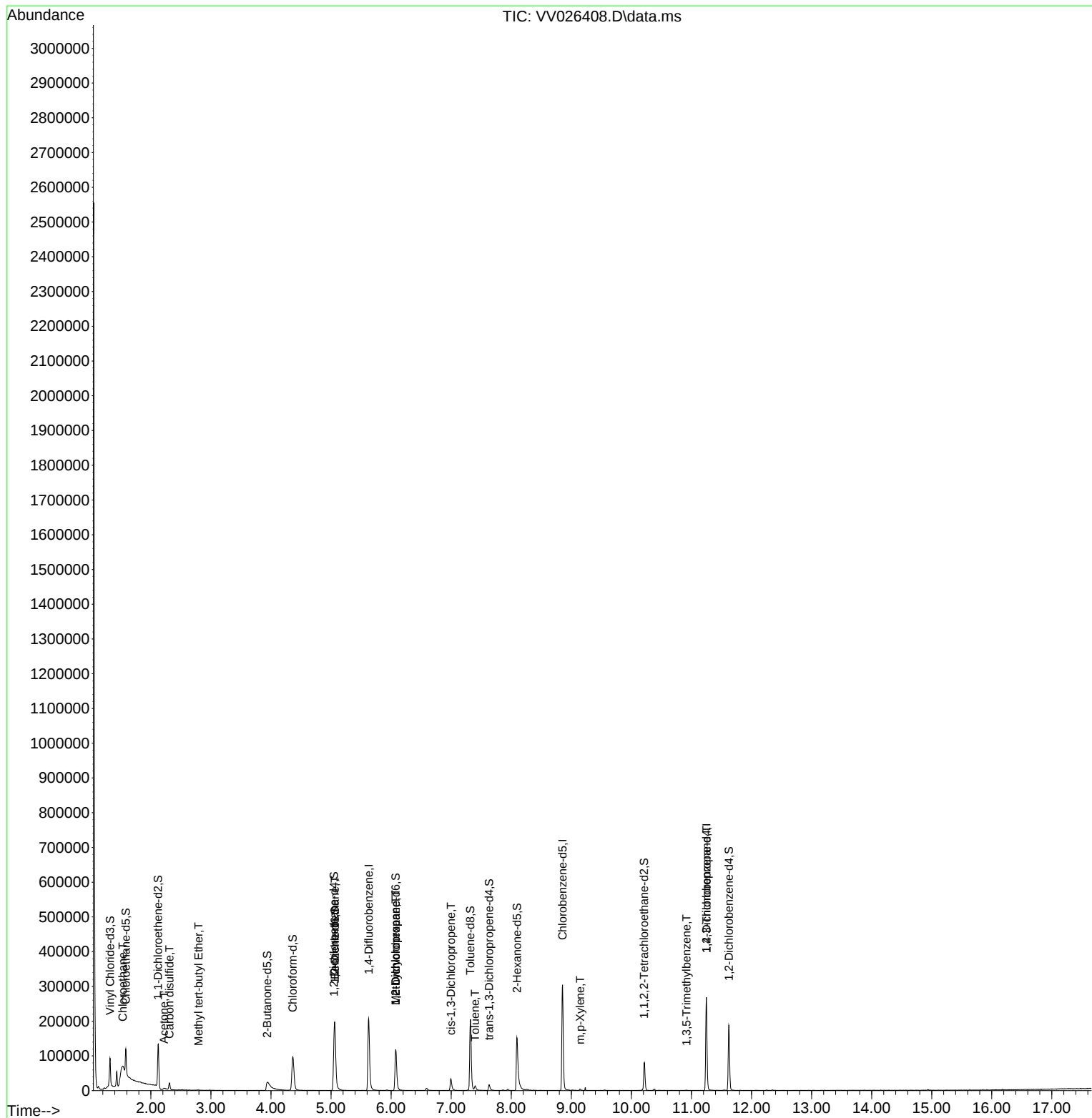
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	185849	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	179532	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	46738	2.895	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	58.000%	
7) Chloroethane-d5	1.584	69	46197	3.640	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.800%	
11) 1,1-Dichloroethene-d2	2.121	63	68342	2.465	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	49.400%#	
20) 2-Butanone-d5	3.937	46	65608	41.653	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.300%	
24) Chloroform-d	4.362	84	106178	4.488	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
26) 1,2-Dichloroethane-d4	5.047	65	43590	4.355	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
32) Benzene-d6	5.063	84	187066	3.897	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.000%	
36) 1,2-Dichloropropane-d6	6.076	67	61240	4.372	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.320	98	140669	3.214	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.200%#	
43) trans-1,3-Dichloroprop...	7.632	79	11293	2.486	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	49.800%#	
46) 2-Hexanone-d5	8.095	63	55338	40.329	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.660%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40446	4.687	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	50777	4.612	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.532	64	298775	30.000	ug/L #	49
13) Acetone	2.220	43	6463	5.295	ug/L	85
14) Carbon disulfide	2.310	76	22862	0.790	ug/L	99
17) Methyl tert-butyl Ether	2.793	73	804	0.040	ug/L #	72
27) 1,2-Dichloroethane	5.066	62	986	0.092	ug/L #	71
35) Methylcyclohexane	6.079	83	14308	0.823	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	6432	0.534	ug/L #	88
39) cis-1,3-Dichloropropene	6.998	75	917	0.067	ug/L #	73
42) Toluene	7.400	91	10159	0.210	ug/L	97
53) m,p-Xylene	9.146	106	1596	0.084	ug/L	83
61) 1,2,3-Trichloropropane	11.249	75	8206	1.769	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.918	105	938	0.031	ug/L	87

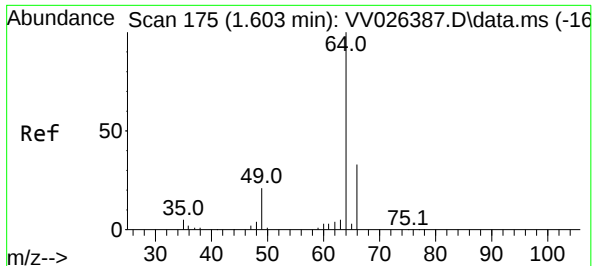
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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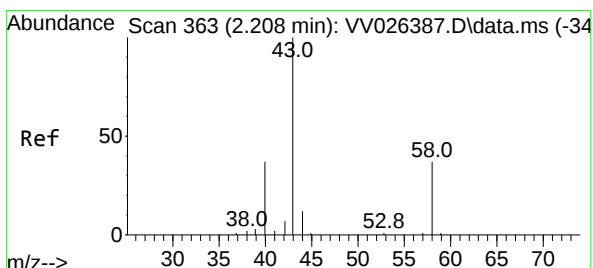
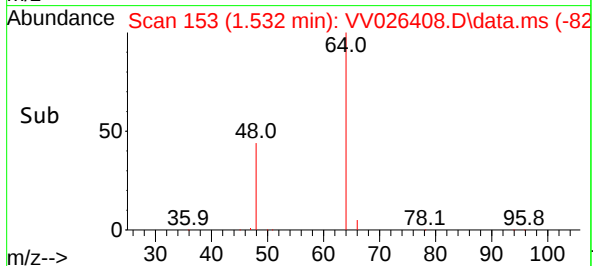
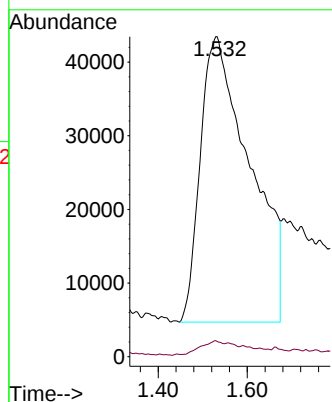
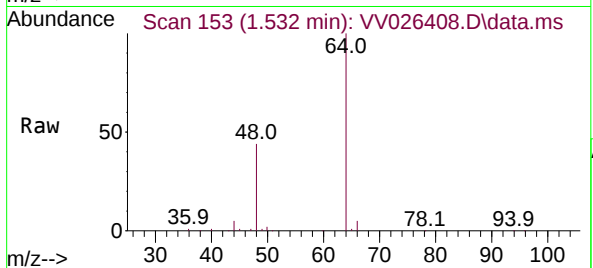




#8
Chloroethane
Concen: 30.000 ug/L
RT: 1.532 min Scan# 11
Delta R.T. -0.071 min
Lab File: VV026408.D
Acq: 18 Jun 2022 02:28

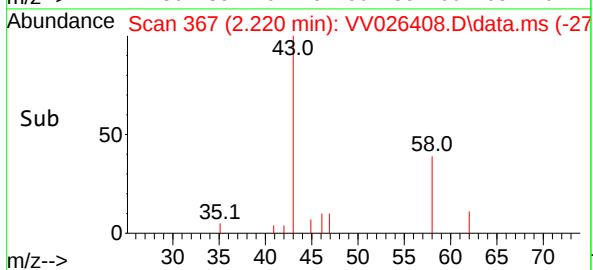
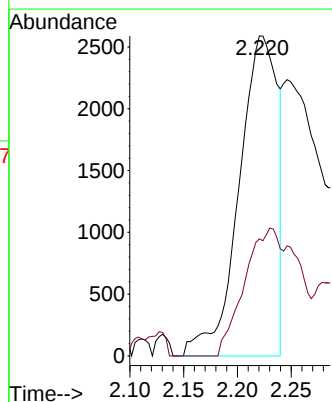
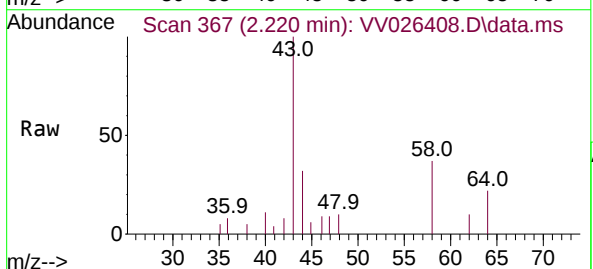
Instrument :
MSVOA_V
ClientSampleId :

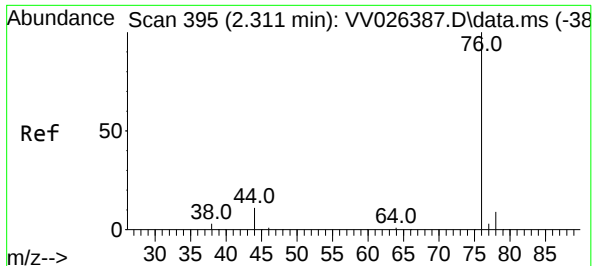
Tgt Ion: 64 Resp: 298775
Ion Ratio Lower Upper
64 100
66 4.8 24.1 44.7#



#13
Acetone
Concen: 5.295 ug/L
RT: 2.220 min Scan# 367
Delta R.T. 0.013 min
Lab File: VV026408.D
Acq: 18 Jun 2022 02:28

Tgt Ion: 43 Resp: 6463
Ion Ratio Lower Upper
43 100
58 38.3 0.0 60.0





#14

Carbon disulfide

Concen: 0.790 ug/L

RT: 2.310 min Scan# 395

Delta R.T. -0.000 min

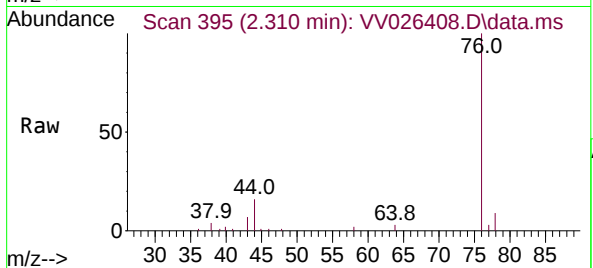
Lab File: VV026408.D

Acq: 18 Jun 2022 02:28

Instrument :

MSVOA_V

ClientSampleId :

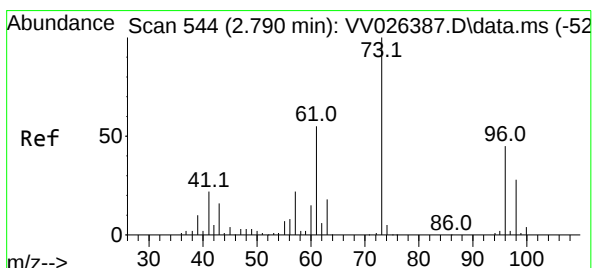
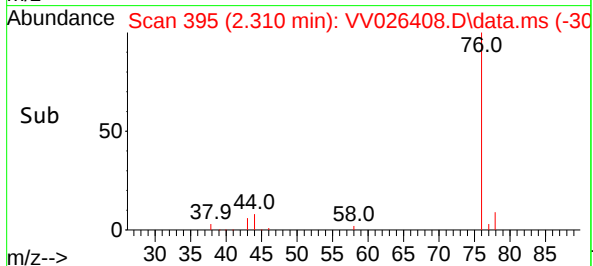
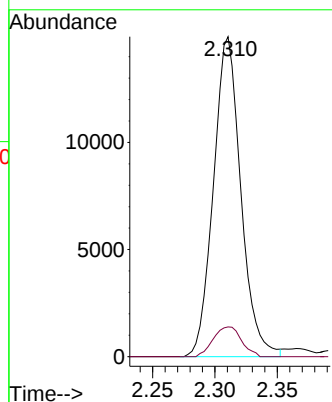


Tgt Ion: 76 Resp: 22862

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5



#17

Methyl tert-butyl Ether

Concen: 0.040 ug/L

RT: 2.793 min Scan# 545

Delta R.T. 0.003 min

Lab File: VV026408.D

Acq: 18 Jun 2022 02:28

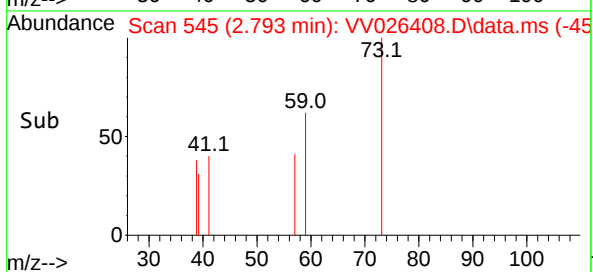
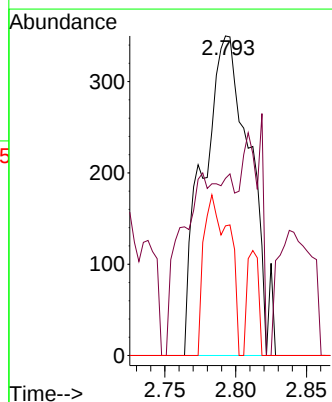
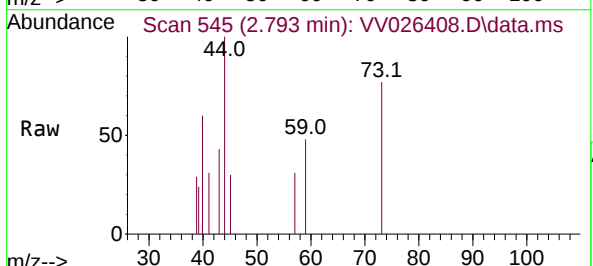
Tgt Ion: 73 Resp: 804

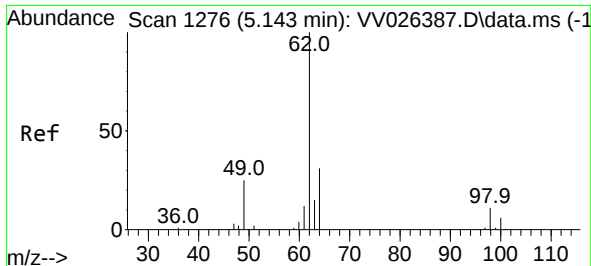
Ion Ratio Lower Upper

73 100

43 37.7 13.0 19.6#

57 27.4 17.6 26.4#





#27

1,2-Dichloroethane

Concen: 0.092 ug/L

RT: 5.066 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV026408.D

Acq: 18 Jun 2022 02:28

Instrument :

MSVOA_V

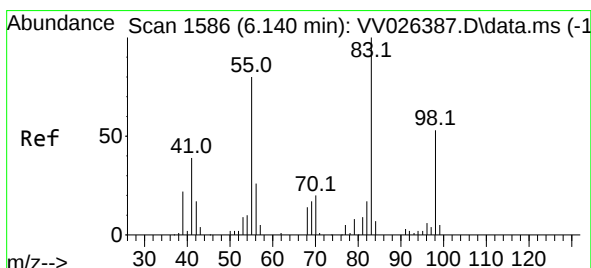
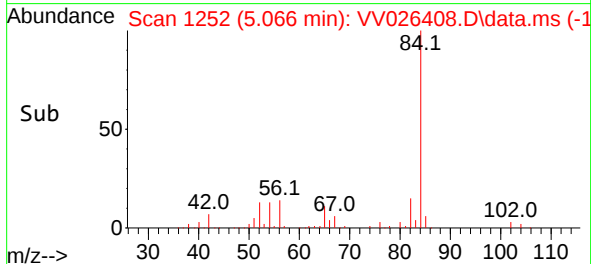
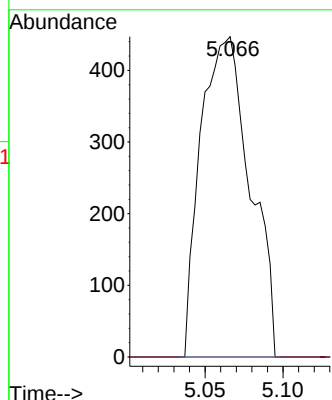
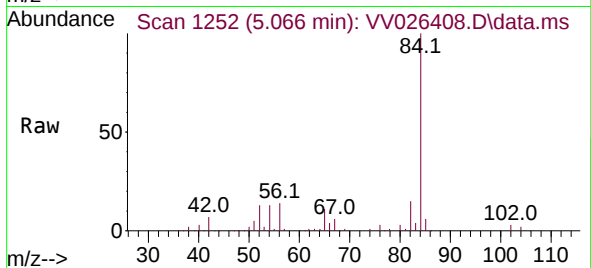
ClientSampleId :

Tgt Ion: 62 Resp: 986

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#35

Methylcyclohexane

Concen: 0.823 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.061 min

Lab File: VV026408.D

Acq: 18 Jun 2022 02:28

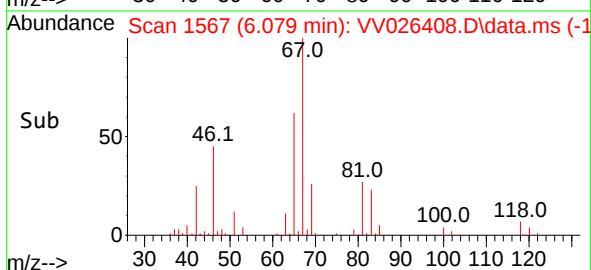
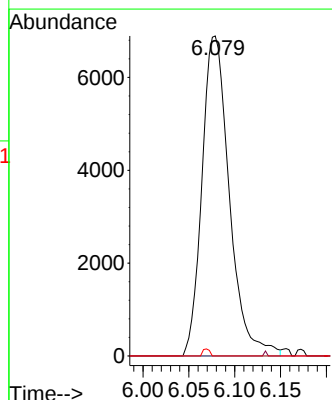
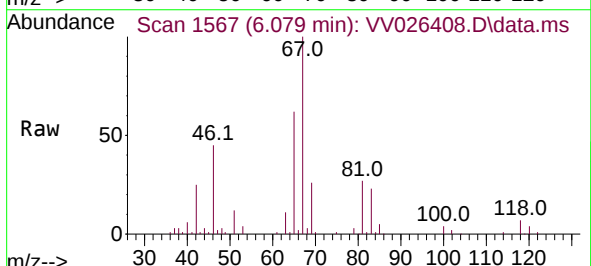
Tgt Ion: 83 Resp: 14308

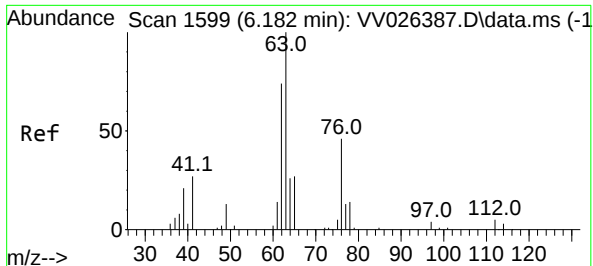
Ion Ratio Lower Upper

83 100

55 0.1 59.3 88.9#

98 0.6 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.534 ug/L

RT: 6.079 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV026408.D

Acq: 18 Jun 2022 02:28

Instrument :

MSVOA_V

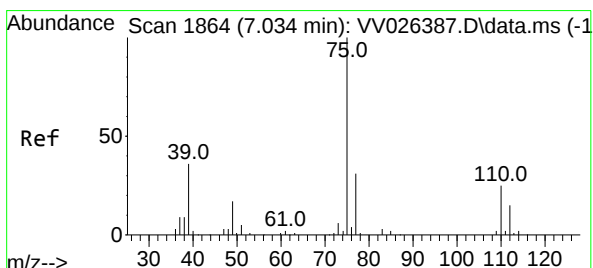
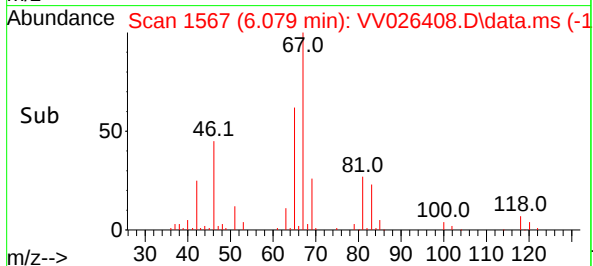
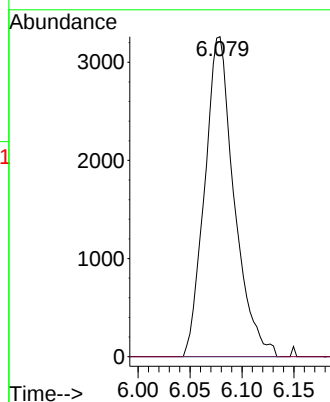
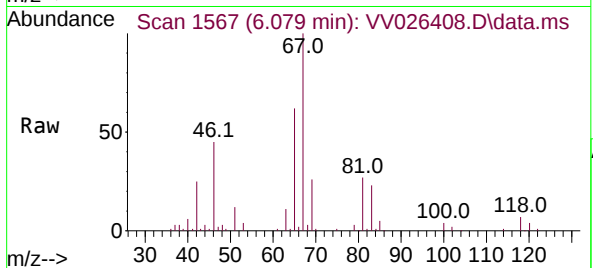
ClientSampleId :

Tgt Ion: 63 Resp: 6432

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.035 min

Lab File: VV026408.D

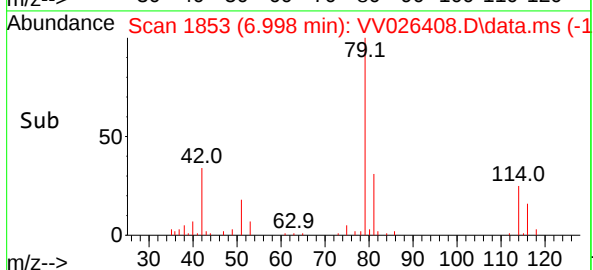
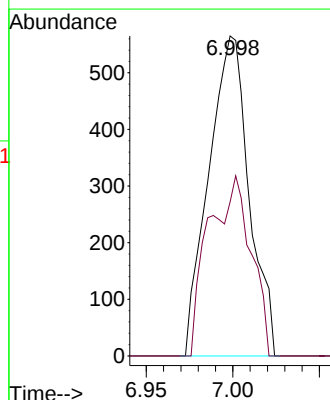
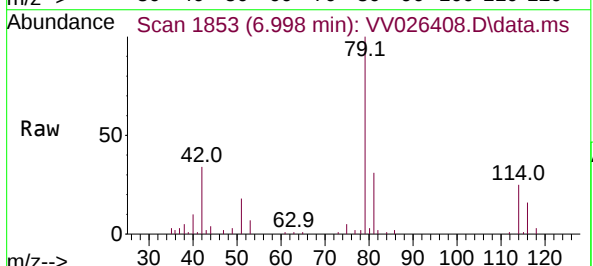
Acq: 18 Jun 2022 02:28

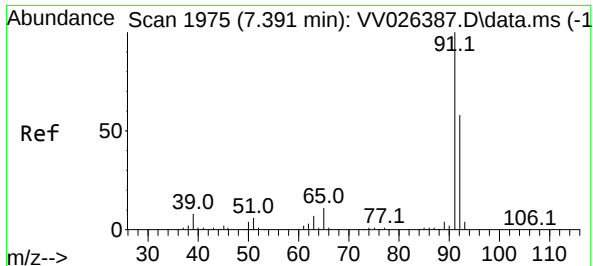
Tgt Ion: 75 Resp: 917

Ion Ratio Lower Upper

75 100

77 48.1 23.0 42.6#





#42

Toluene

Concen: 0.210 ug/L

RT: 7.400 min Scan# 1975

Delta R.T. 0.010 min

Lab File: VV026408.D

Acq: 18 Jun 2022 02:28

Instrument :

MSVOA_V

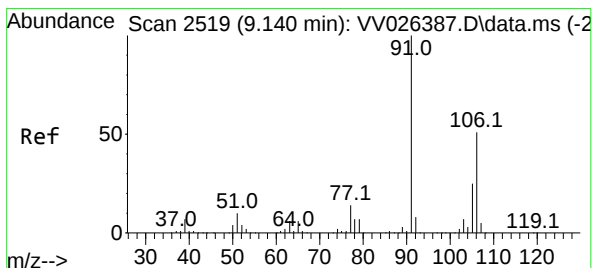
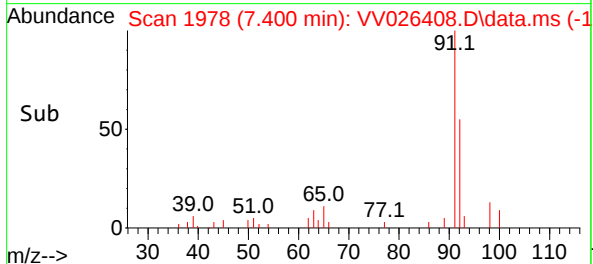
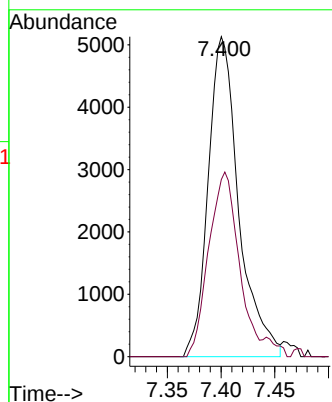
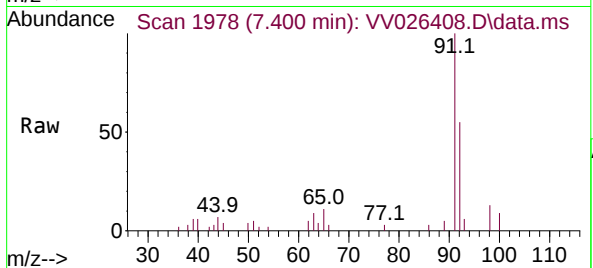
ClientSampleId :

Tgt Ion: 91 Resp: 10159

Ion Ratio Lower Upper

91 100

92 55.3 40.1 74.5



#53

m,p-Xylene

Concen: 0.084 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.006 min

Lab File: VV026408.D

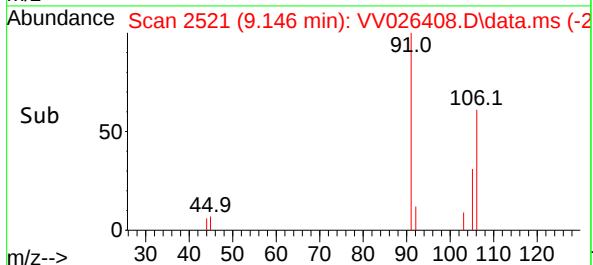
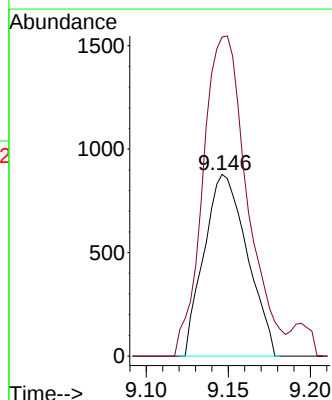
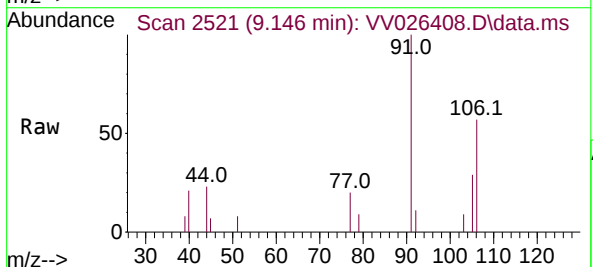
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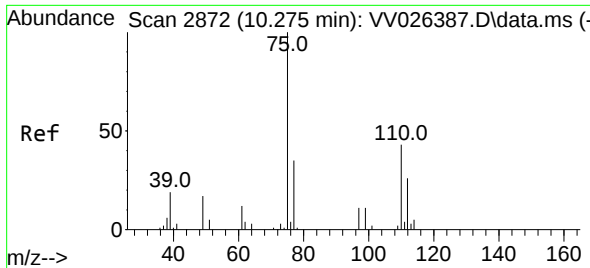
Tgt Ion: 106 Resp: 1596

Ion Ratio Lower Upper

106 100

91 175.6 141.3 262.3

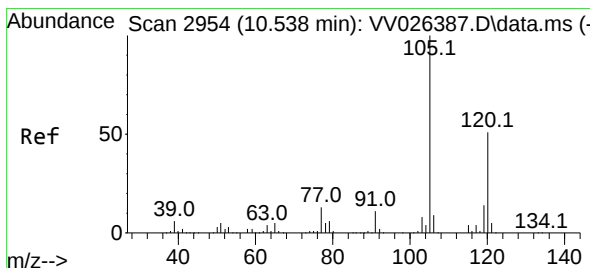
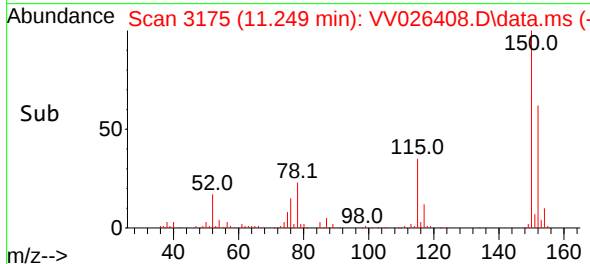
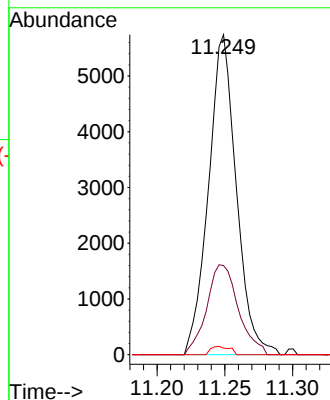
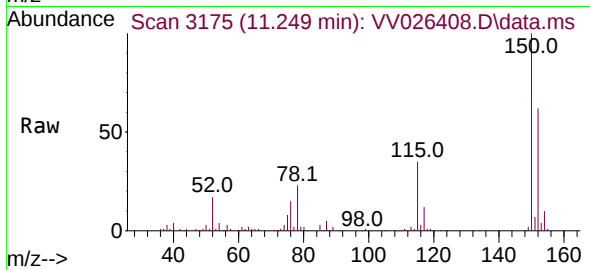




#61
 1,2,3-Trichloropropane
 Concen: 1.769 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV026408.D
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Tgt Ion: 75 Resp: 8206
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.9 40.3
 110 1.8 30.7 46.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.031 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.379 min
 Lab File: VV026408.D
 Acq: 18 Jun 2022 02:28

Tgt Ion: 105 Resp: 938
 Ion Ratio Lower Upper
 105 100
 120 40.6 39.9 59.9

