

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026361.D
 Acq On : 17 Jun 2022 02:52
 Operator : SY/MD
 Sample : N3318-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ57

Quant Time: Jun 17 07:22:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 06:57:04 2022
 Response via : Initial Calibration

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

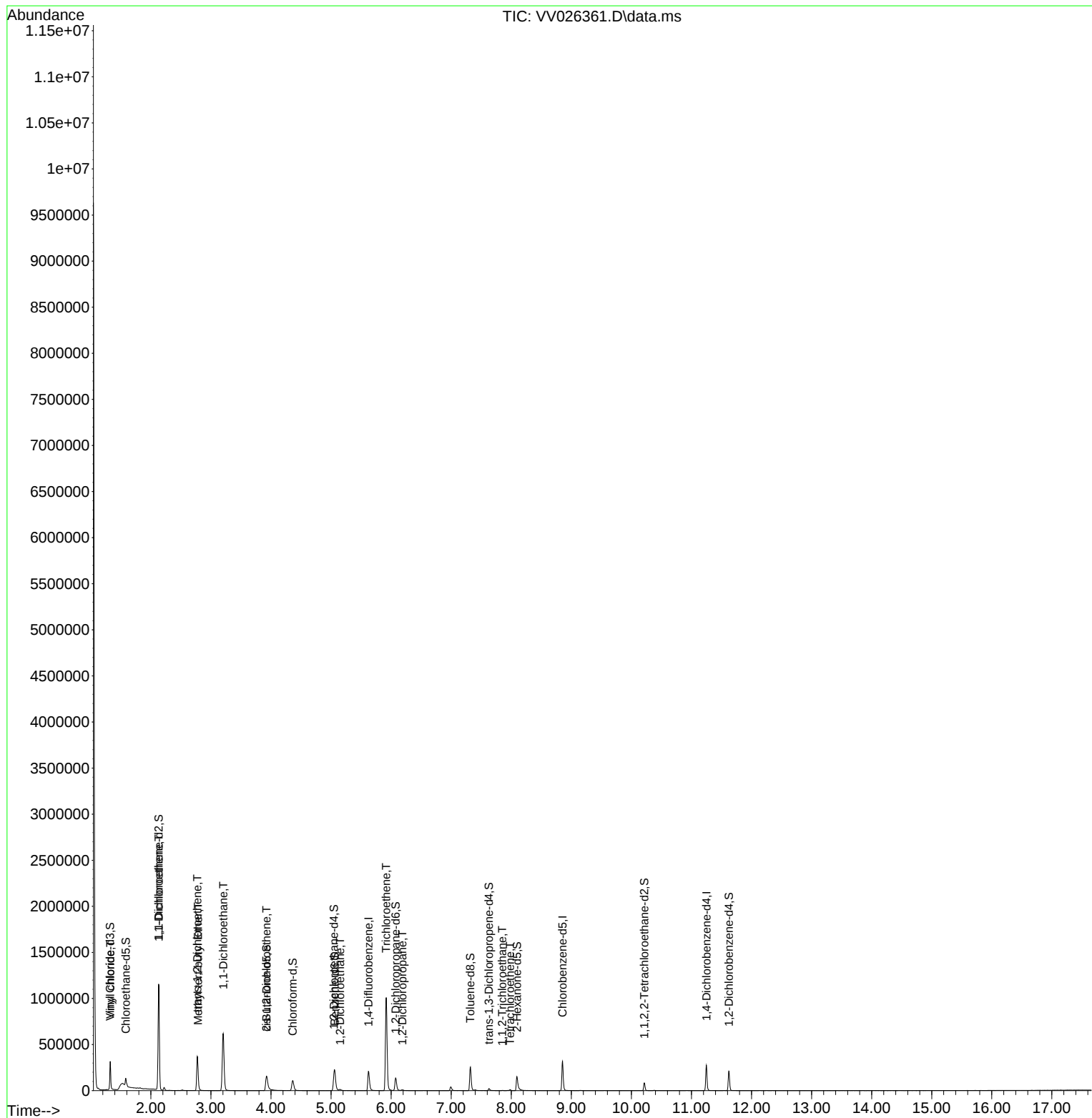
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	188925	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	182435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75111	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	60336	3.677	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.584	69	53521	4.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.130	63	260371	9.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	184.800%#
20) 2-Butanone-d5	3.925	46	68125	42.547	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.100%
24) Chloroform-d	4.362	84	115990	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.047	65	48690	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.059	84	217660	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.076	67	69605	4.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.320	98	177115	3.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	7.629	79	13672	2.962	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.200%
46) 2-Hexanone-d5	8.095	63	53880	38.641	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43730	4.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	56941	4.922	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.327	62	150377	9.221	ug/L	97
12) 1,1-Dichloroethene	2.134	96	325278	27.252	ug/L #	74
17) Methyl tert-butyl Ether	2.786	73	8560	0.417	ug/L	96
18) trans-1,2-Dichloroethene	2.773	96	145229	12.546	ug/L	99
19) 1,1-Dichloroethane	3.204	63	635102	28.768	ug/L	98
22) cis-1,2-Dichloroethene	3.925	96	79544	6.792	ug/L	98
27) 1,2-Dichloroethane	5.150	62	11001	1.009	ug/L	98
34) Trichloroethene	5.918	95	360471	28.229	ug/L	98
37) 1,2-Dichloropropane	6.188	63	3634	0.297	ug/L #	96
45) 1,1,2-Trichloroethane	7.850	97	736	0.092	ug/L	92
47) Tetrachloroethene	7.982	164	2331	0.246	ug/L	88

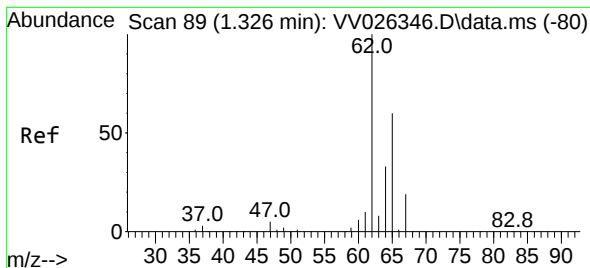
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 9.221 ug/L

RT: 1.327 min Scan# 89

Delta R.T. 0.000 min

Lab File: VV026361.D

Acq: 17 Jun 2022 02:52

Instrument :

MSVOA_V

ClientSampleId :

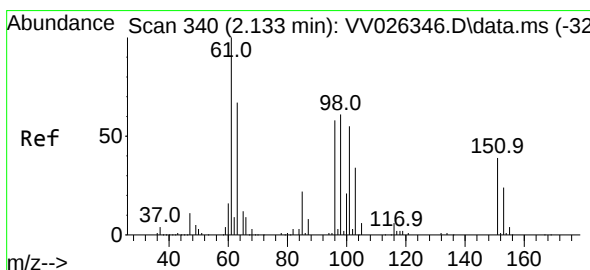
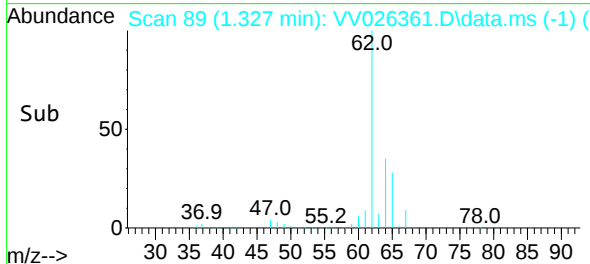
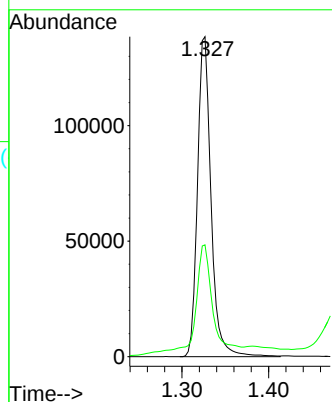
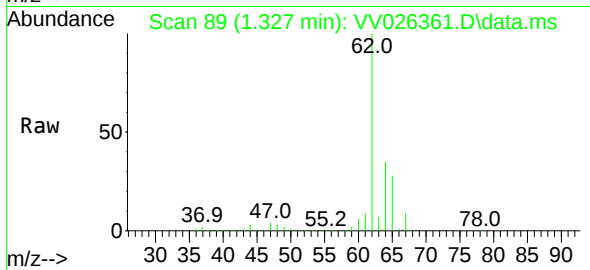
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Tgt Ion: 62 Resp: 150377

Ion Ratio Lower Upper

62 100

64 35.0 23.2 43.2



#12

1,1-Dichloroethene

Concen: 27.252 ug/L

RT: 2.134 min Scan# 340

Delta R.T. 0.000 min

Lab File: VV026361.D

Acq: 17 Jun 2022 02:52

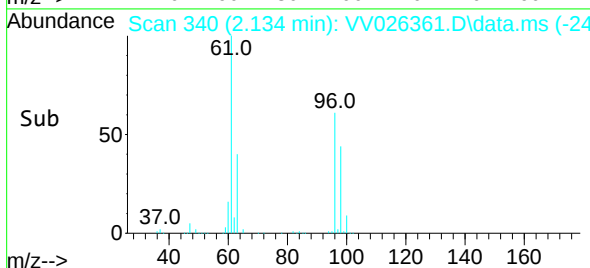
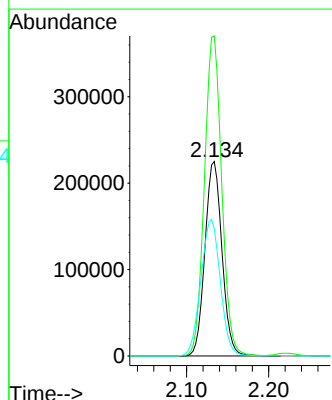
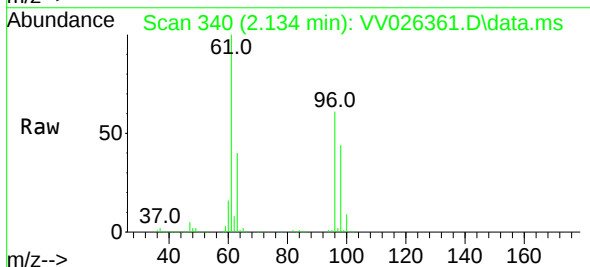
Tgt Ion: 96 Resp: 325278

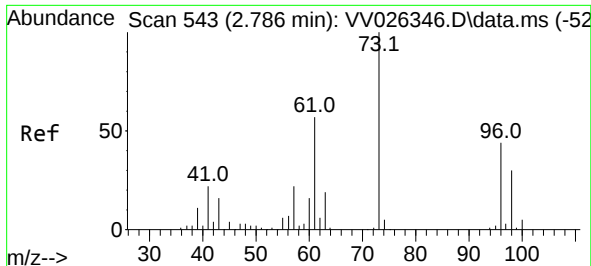
Ion Ratio Lower Upper

96 100

61 164.6 117.1 217.5

63 65.3 92.8 172.4#

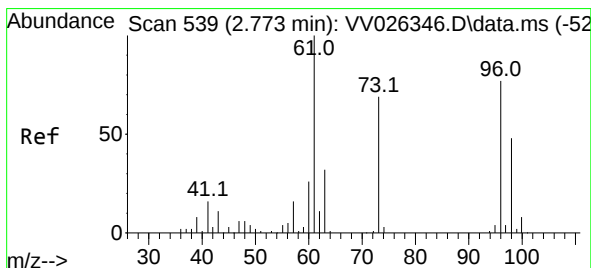
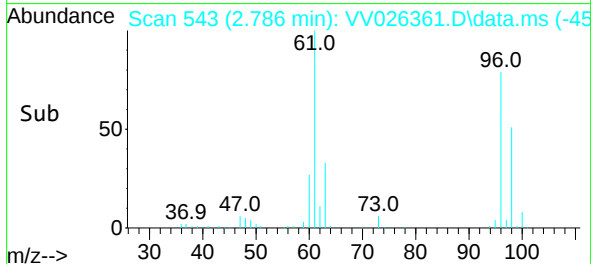
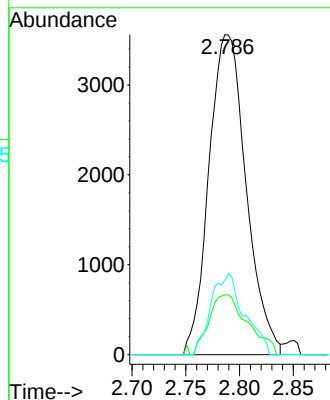
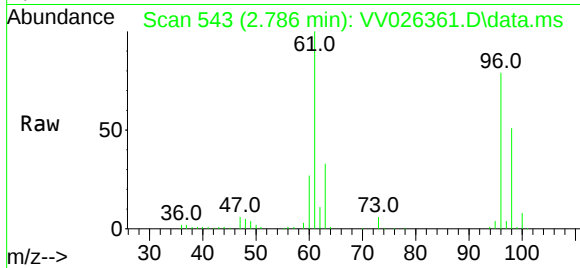




#17
Methyl tert-butyl Ether
Concen: 0.417 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.000 min
Lab File: VV026361.D
Acq: 17 Jun 2022 02:52

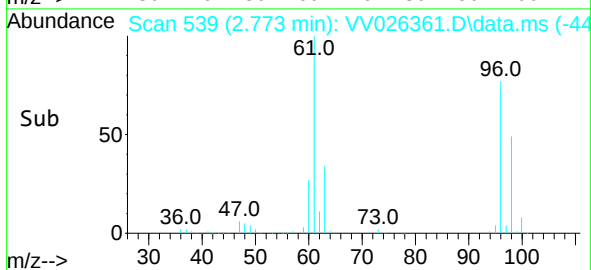
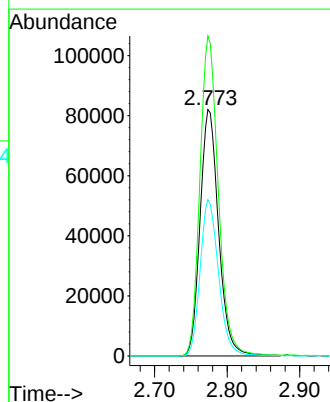
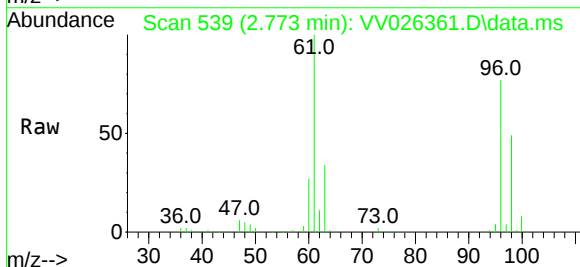
Instrument :
MSVOA_V
ClientSampleId :
BGJ57

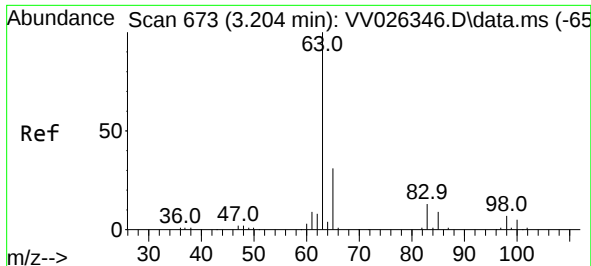
Tgt Ion: 73	Resp:	8560
Ion	Ratio	Lower Upper
73	100	
43	19.5	13.0 19.6
57	22.8	17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 12.546 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV026361.D
Acq: 17 Jun 2022 02:52

Tgt Ion: 96	Resp:	145229
Ion	Ratio	Lower Upper
96	100	
61	129.8	91.3 169.6
98	63.4	45.3 84.1





#19

1,1-Dichloroethane

Concen: 28.768 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV026361.D

Acq: 17 Jun 2022 02:52

Instrument :

MSVOA_V

ClientSampleId :

BGJ57

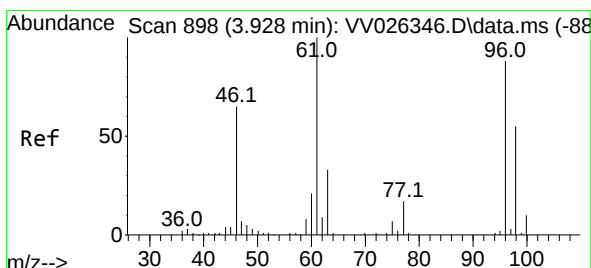
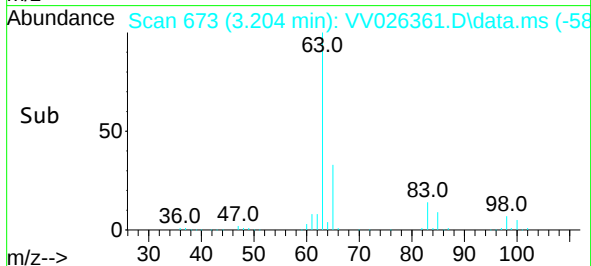
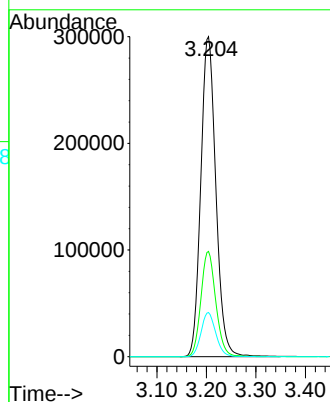
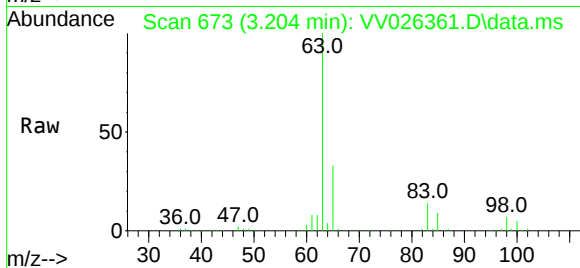
Tgt Ion: 63 Resp: 635102

Ion Ratio Lower Upper

63 100

65 32.9 22.3 41.3

83 13.8 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 6.792 ug/L

RT: 3.925 min Scan# 897

Delta R.T. -0.003 min

Lab File: VV026361.D

Acq: 17 Jun 2022 02:52

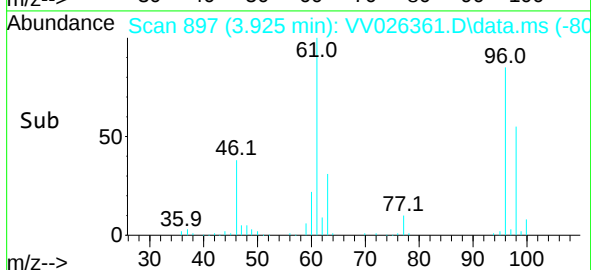
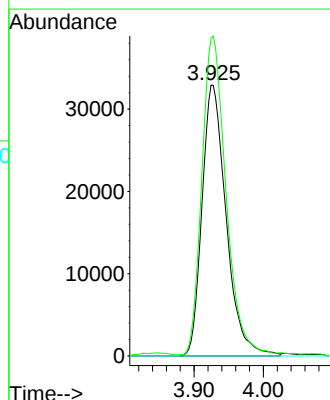
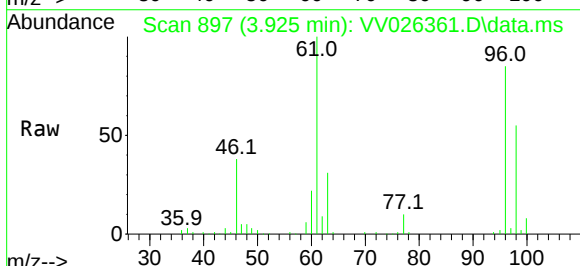
Tgt Ion: 96 Resp: 79544

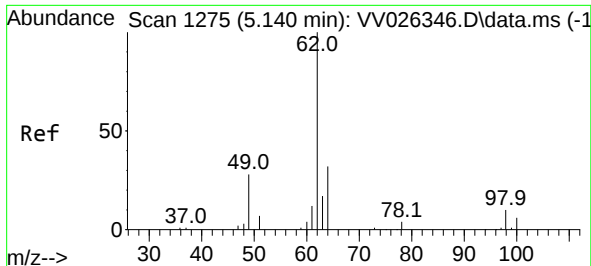
Ion Ratio Lower Upper

96 100

61 117.3 83.6 155.2

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 1.009 ug/L

RT: 5.150 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV026361.D

Acq: 17 Jun 2022 02:52

Instrument :

MSVOA_V

ClientSampleId :

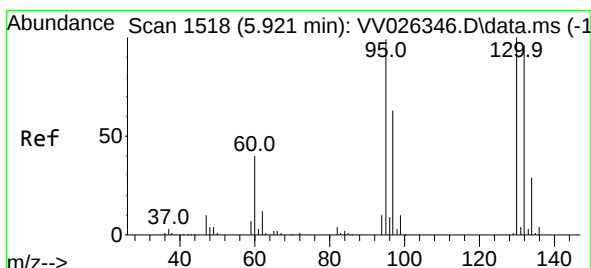
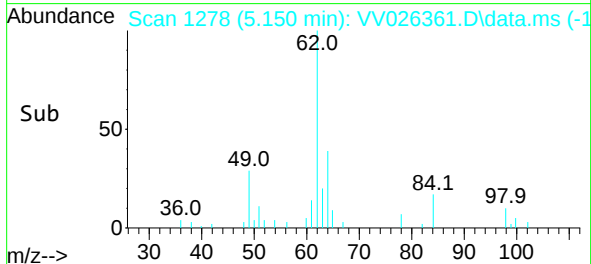
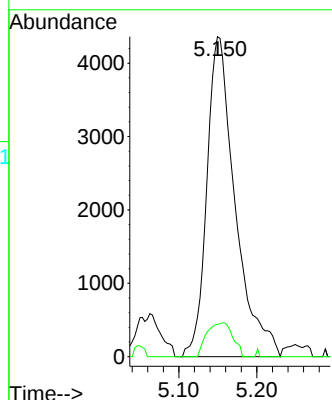
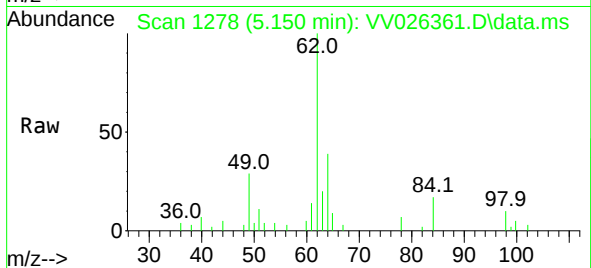
BGJ57

Tgt Ion: 62 Resp: 11001

Ion Ratio Lower Upper

62 100

98 10.1 8.6 13.0



#34

Trichloroethene

Concen: 28.229 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. -0.003 min

Lab File: VV026361.D

Acq: 17 Jun 2022 02:52

Tgt Ion: 95 Resp: 360471

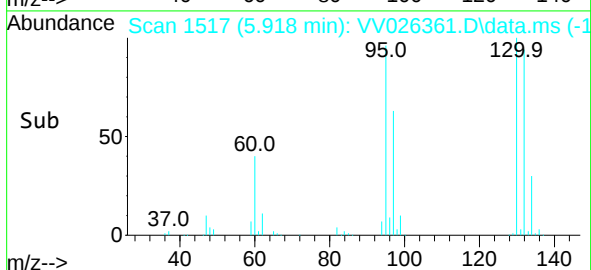
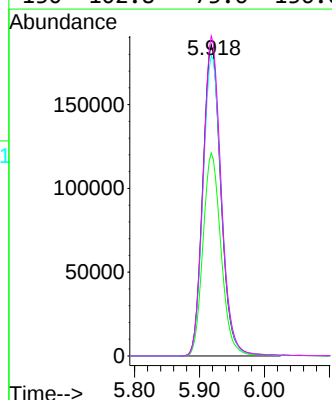
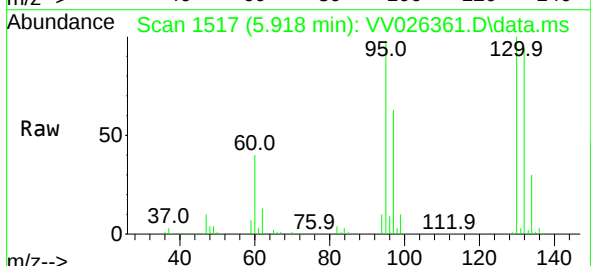
Ion Ratio Lower Upper

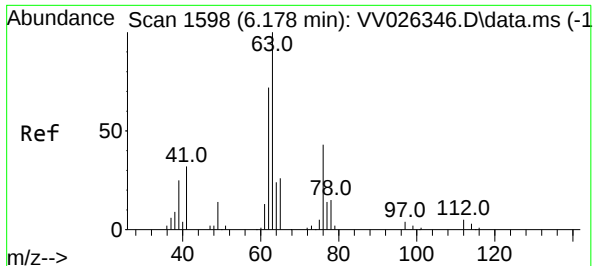
95 100

97 65.2 46.5 86.3

132 96.5 68.8 127.8

130 102.8 73.6 136.6





#37

1,2-Dichloropropane

Concen: 0.297 ug/L

RT: 6.188 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV026361.D

Acq: 17 Jun 2022 02:52

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ClientSampleId :

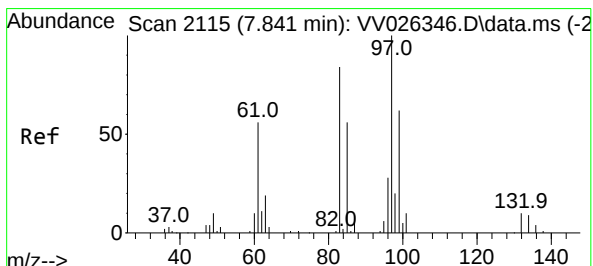
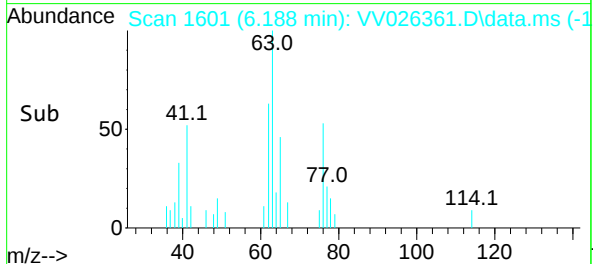
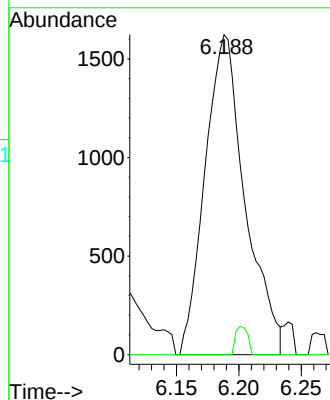
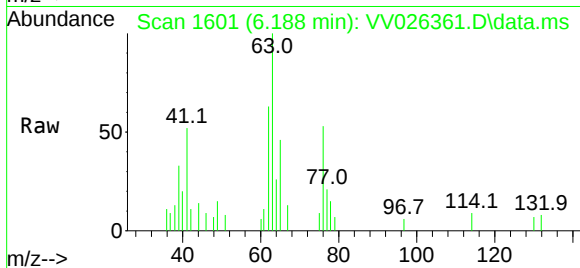
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Tgt Ion: 63 Resp: 3634

Ion Ratio Lower Upper

63 100

112 2.6 3.3 4.9#



#45

1,1,2-Trichloroethane

Concen: 0.092 ug/L

RT: 7.850 min Scan# 2118

Delta R.T. 0.010 min

Lab File: VV026361.D

Acq: 17 Jun 2022 02:52

Tgt Ion: 97 Resp: 736

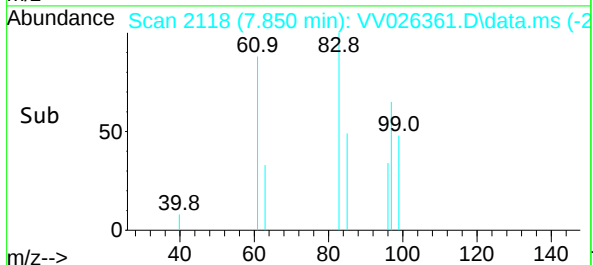
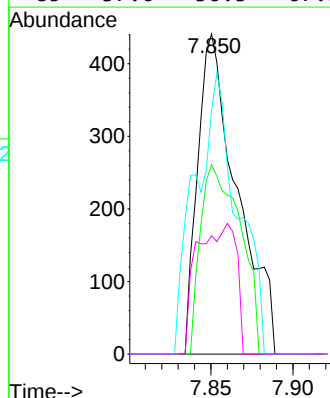
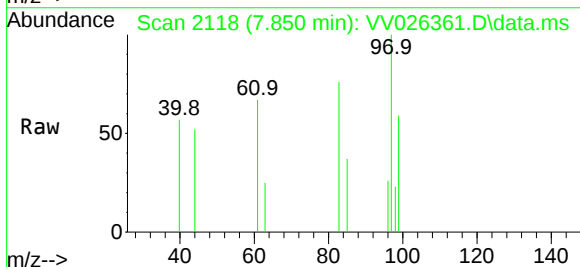
Ion Ratio Lower Upper

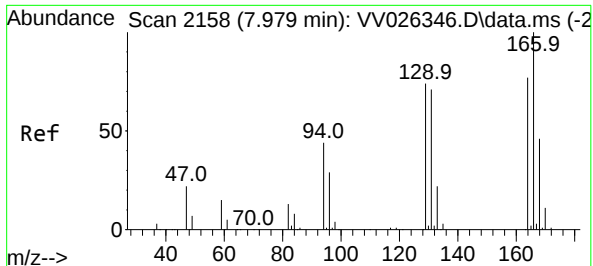
97 100

99 59.2 42.4 78.6

83 76.2 56.1 104.1

85 37.0 36.3 67.5





#47
 Tetrachloroethene
 Concen: 0.246 ug/L
 RT: 7.982 min Scan# 2159
 Delta R.T. 0.003 min
 Lab File: VV026361.D
 Acq: 17 Jun 2022 02:52

Instrument :
 MSVOA_V
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Tgt Ion:164	Resp:	2331
Ion	Ratio	Lower Upper
164	100	
129	88.7	67.5 125.3
131	103.1	63.8 118.4
166	145.8	89.5 166.3

