

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026365.D
 Acq On : 17 Jun 2022 04:27
 Operator : SY/MD
 Sample : N3320-17 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ92

Quant Time: Jun 17 07:23:16 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)

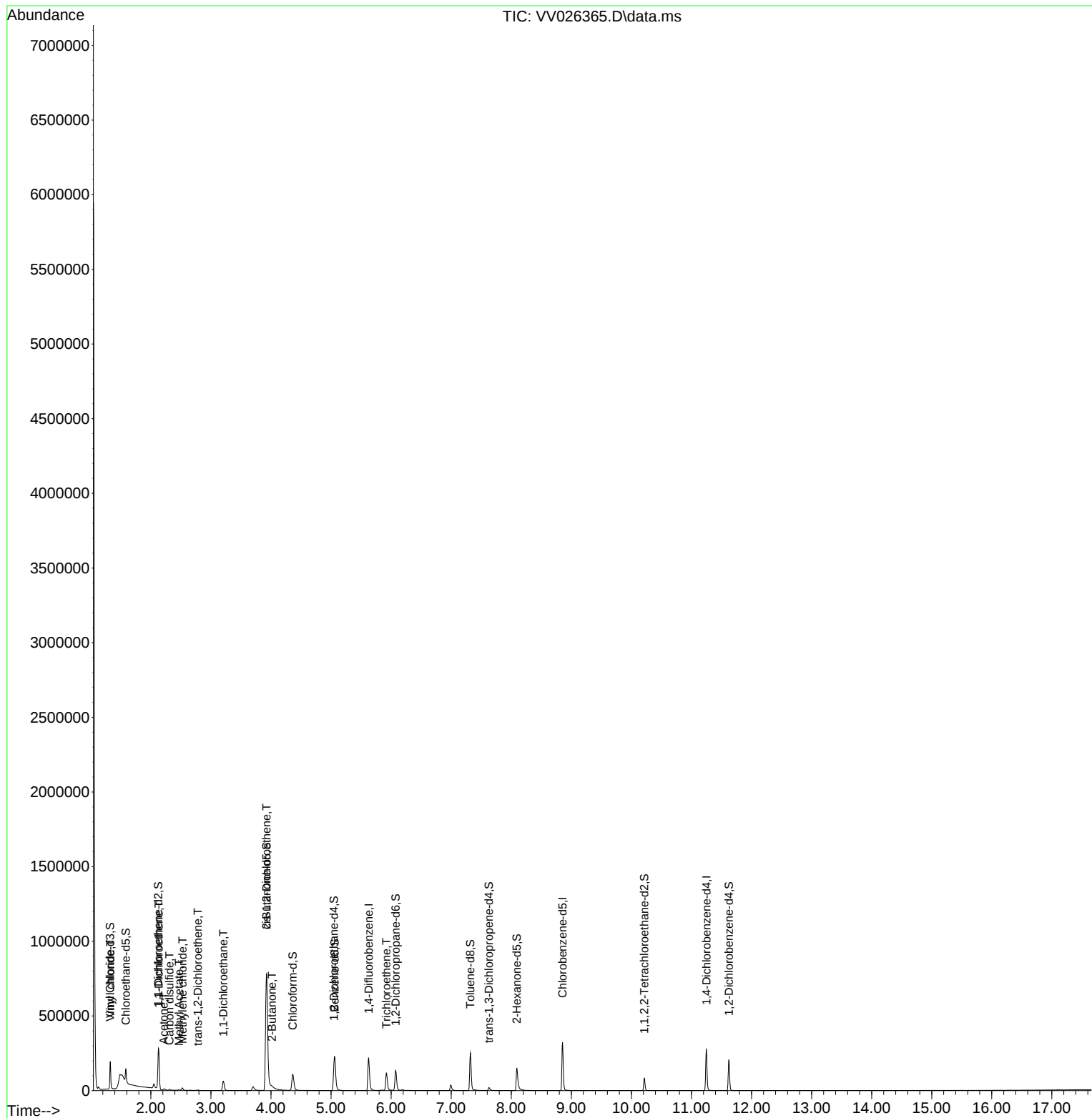
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	195280	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	183017	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	59853	3.529	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.584	69	53072	3.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.124	63	112138	3.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	3.925	46	74705	45.138	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.280%
24) Chloroform-d	4.362	84	116488	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.047	65	47338	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.060	84	218386	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.076	67	67717	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.320	98	171581	3.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	7.629	79	13085	2.826	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.600%
46) 2-Hexanone-d5	8.092	63	54193	38.742	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40956	4.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	55124	4.822	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.327	62	67303	3.993	ug/L	88
12) 1,1-Dichloroethene	2.134	96	50819	4.119	ug/L	94
13) Acetone	2.214	43	12681	9.887	ug/L	80
14) Carbon disulfide	2.311	76	9828	0.323	ug/L	97
15) Methyl Acetate	2.468	43	3972	1.291	ug/L	98
16) Methylene chloride	2.526	84	7091	0.451	ug/L	94
18) trans-1,2-Dichloroethene	2.783	96	1414	0.118	ug/L	97
19) 1,1-Dichloroethane	3.208	63	64682	2.835	ug/L	97
21) 2-Butanone	4.015	43	41475	24.991	ug/L #	70
22) cis-1,2-Dichloroethene	3.925	96	441677	36.484	ug/L	98
34) Trichloroethene	5.921	95	42347	3.306	ug/L	97

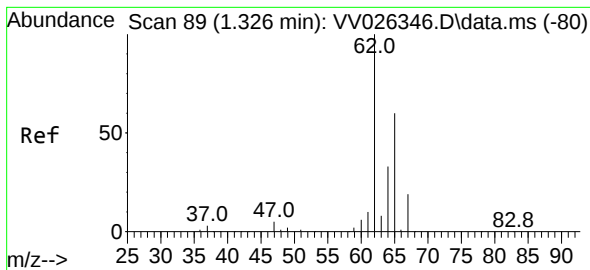
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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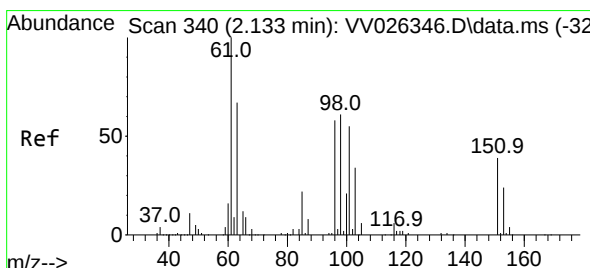
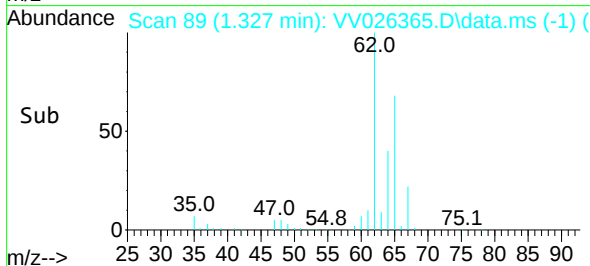
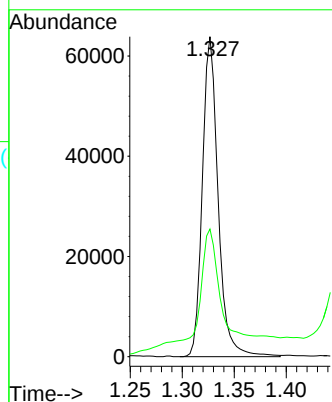
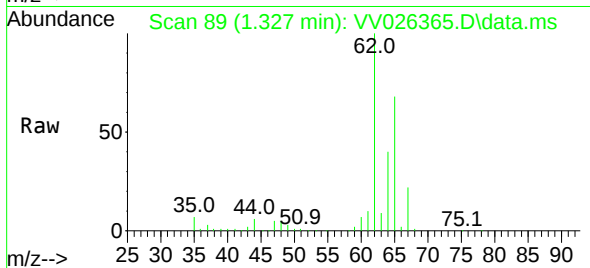




#5
 Vinyl chloride
 Concen: 3.993 ug/L
 RT: 1.327 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: VV026365.D
 Acq: 17 Jun 2022 04:27

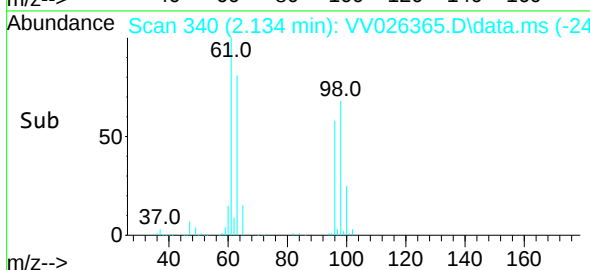
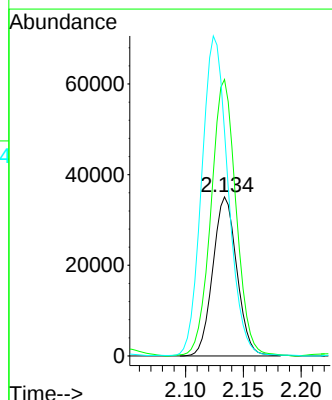
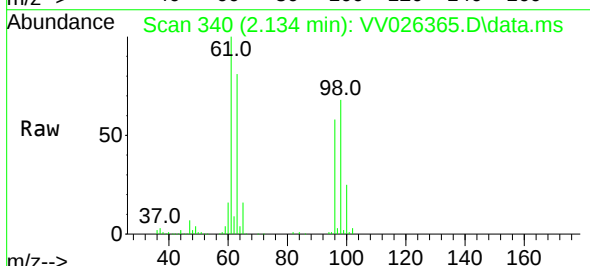
Instrument :
 MSVOA_V
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 BGJ92

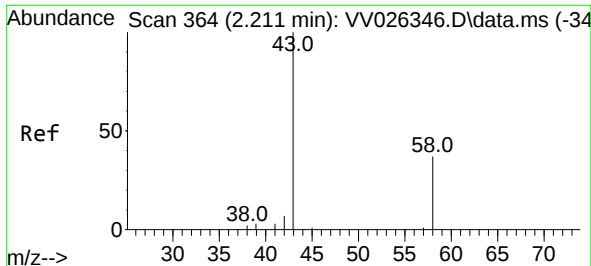
Tgt Ion: 62 Resp: 67303
 Ion Ratio Lower Upper
 62 100
 64 39.9 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 4.119 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VV026365.D
 Acq: 17 Jun 2022 04:27

Tgt Ion: 96 Resp: 50819
 Ion Ratio Lower Upper
 96 100
 61 173.7 117.1 217.5
 63 141.2 92.8 172.4





#13

Acetone

Concen: 9.887 ug/L

RT: 2.214 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV026365.D

Acq: 17 Jun 2022 04:27

Instrument :

MSVOA_V

ClientSampleId :

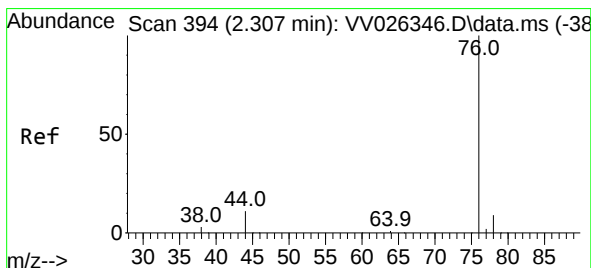
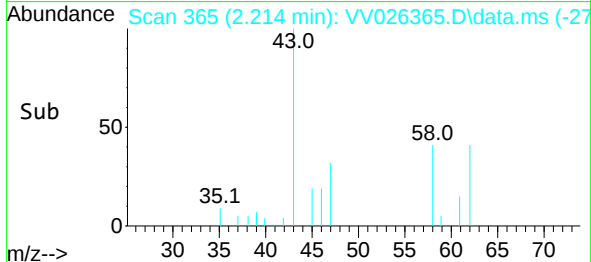
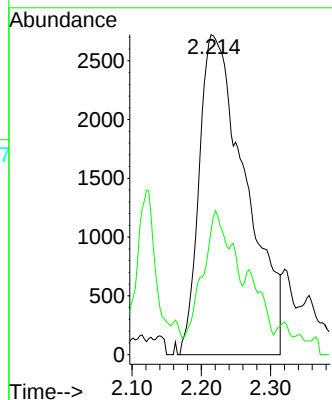
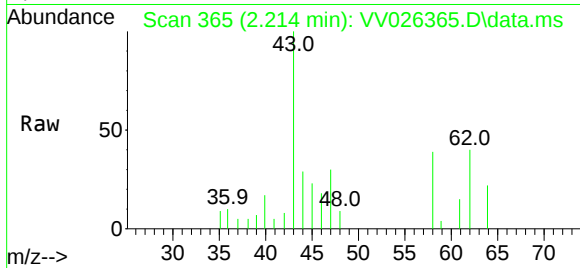
BGJ92

Tgt Ion: 43 Resp: 12681

Ion Ratio Lower Upper

43 100

58 19.3 0.0 60.0



#14

Carbon disulfide

Concen: 0.323 ug/L

RT: 2.311 min Scan# 395

Delta R.T. 0.003 min

Lab File: VV026365.D

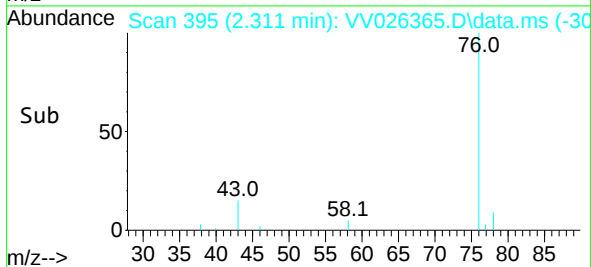
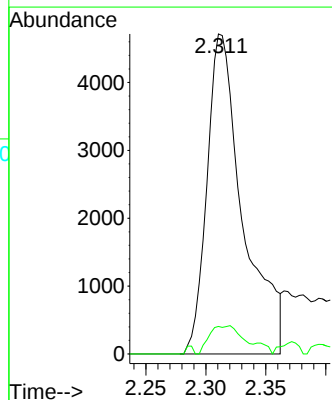
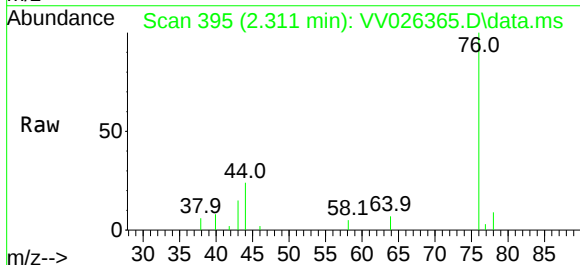
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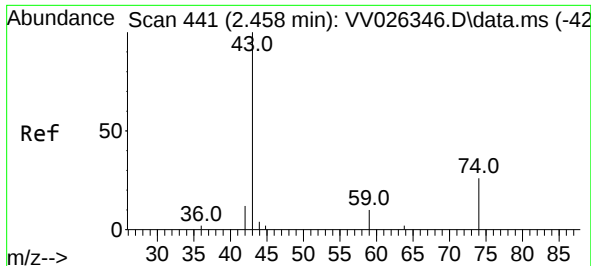
Tgt Ion: 76 Resp: 9828

Ion Ratio Lower Upper

76 100

78 8.6 7.7 11.5

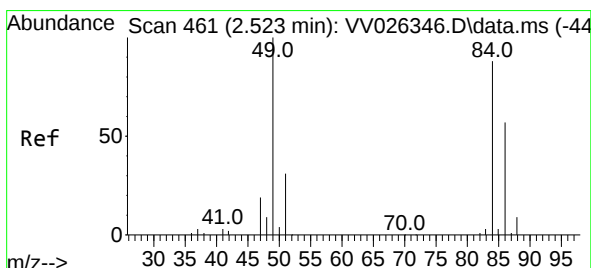
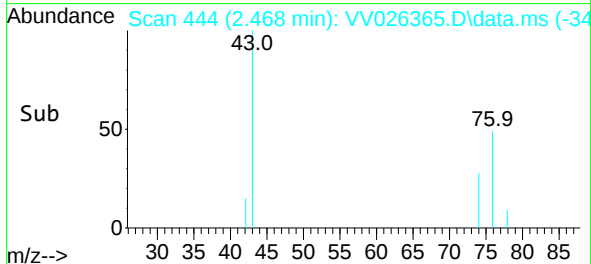
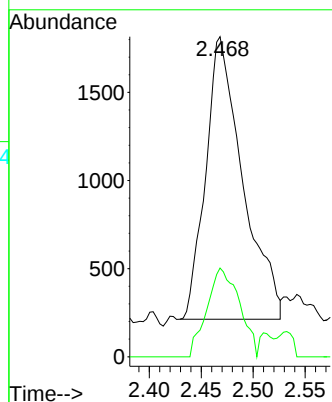
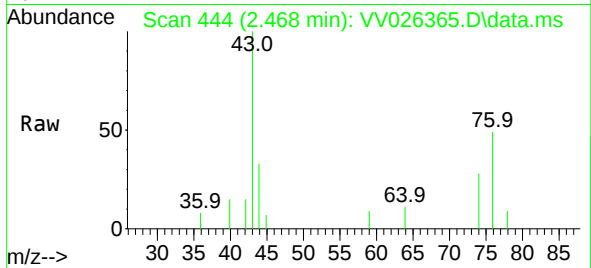




#15
Methyl Acetate
Concen: 1.291 ug/L
RT: 2.468 min Scan# 441
Delta R.T. 0.010 min
Lab File: VV026365.D
Acq: 17 Jun 2022 04:27

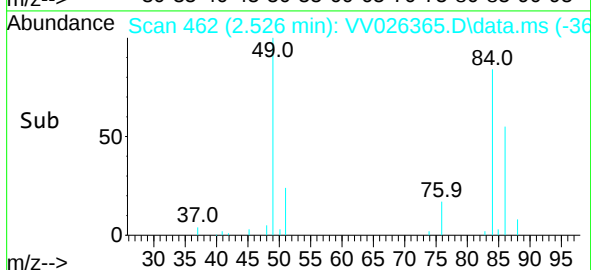
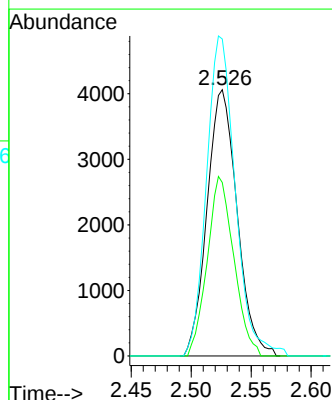
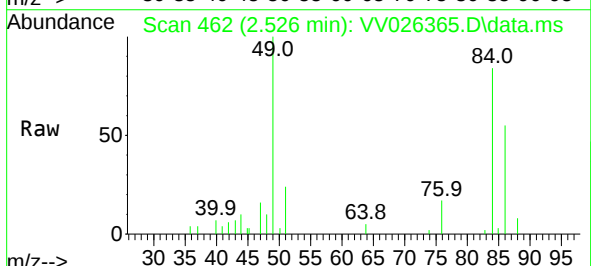
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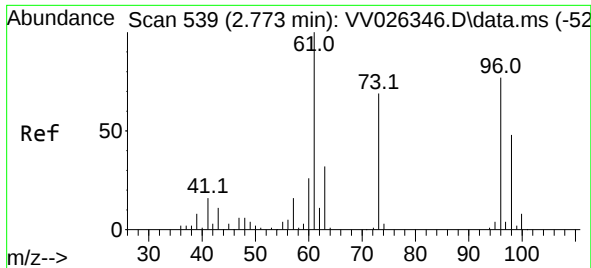
Tgt Ion: 43 Resp: 3972
Ion Ratio Lower Upper
43 100
74 27.5 21.4 32.0



#16
Methylene chloride
Concen: 0.451 ug/L
RT: 2.526 min Scan# 462
Delta R.T. 0.003 min
Lab File: VV026365.D
Acq: 17 Jun 2022 04:27

Tgt Ion: 84 Resp: 7091
Ion Ratio Lower Upper
84 100
86 65.1 44.0 81.8
49 119.1 77.3 143.7

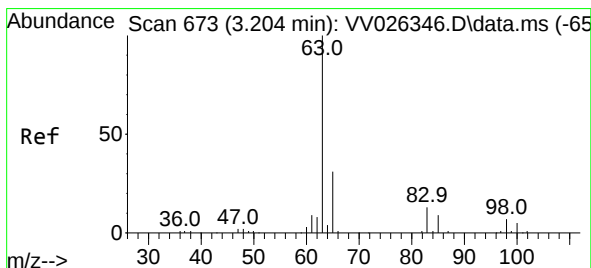
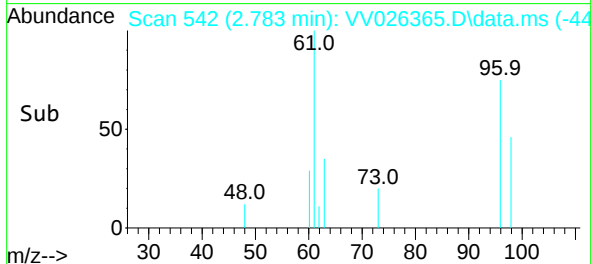
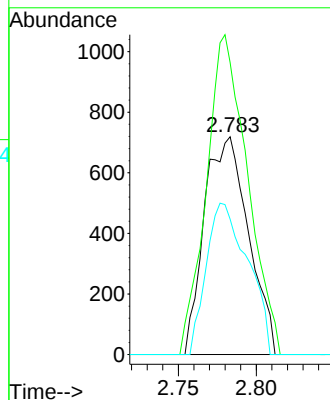
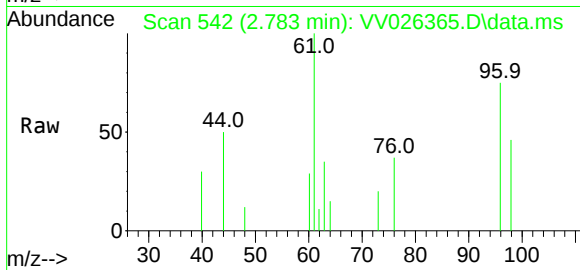




#18
trans-1,2-Dichloroethene
Concen: 0.118 ug/L
RT: 2.783 min Scan# 54
Delta R.T. 0.010 min
Lab File: VV026365.D
Acq: 17 Jun 2022 04:27

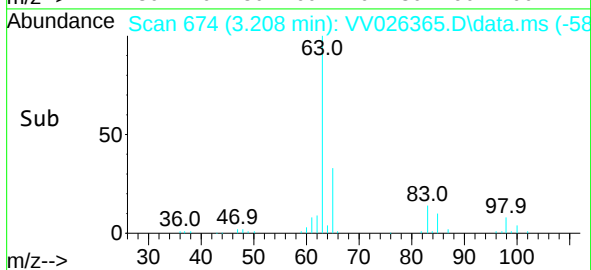
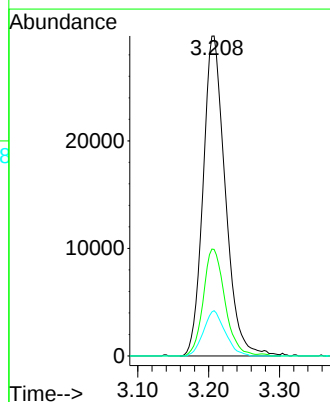
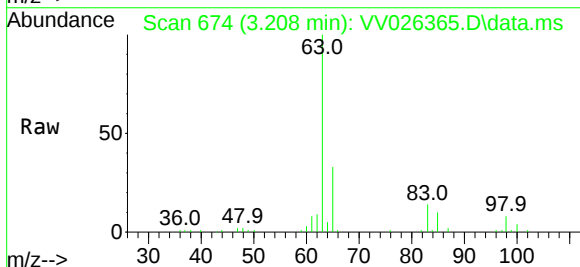
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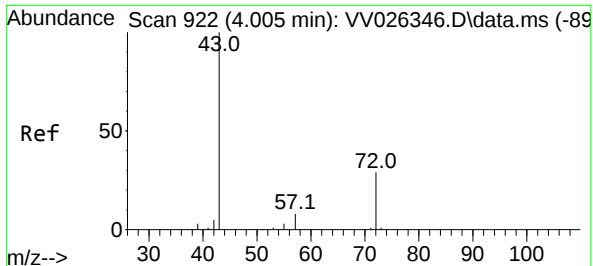
Tgt Ion: 96 Resp: 1414
Ion Ratio Lower Upper
96 100
61 134.1 91.3 169.6
98 62.2 45.3 84.1



#19
1,1-Dichloroethane
Concen: 2.835 ug/L
RT: 3.208 min Scan# 674
Delta R.T. 0.003 min
Lab File: VV026365.D
Acq: 17 Jun 2022 04:27

Tgt Ion: 63 Resp: 64682
Ion Ratio Lower Upper
63 100
65 33.3 22.3 41.3
83 14.1 8.9 16.5

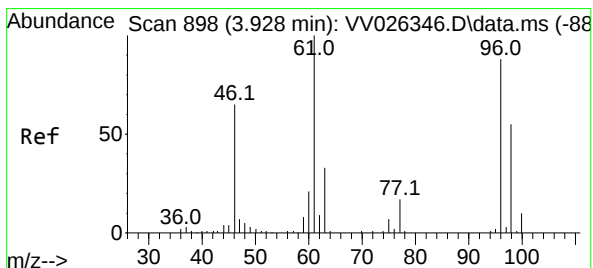
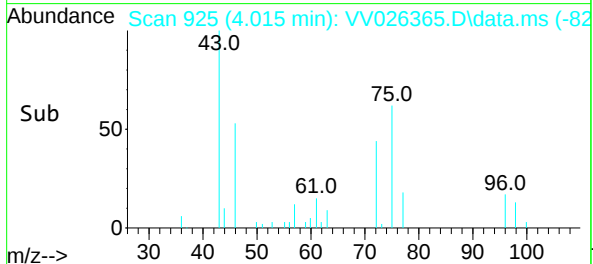
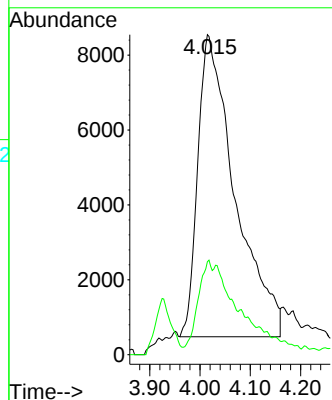
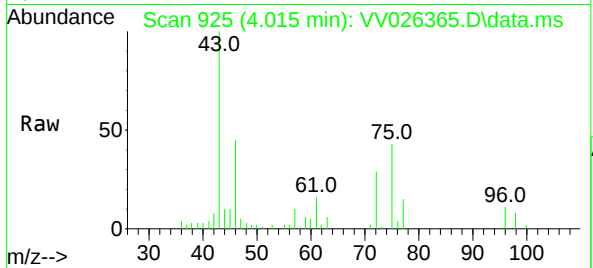




#21
2-Butanone
Concen: 24.991 ug/L
RT: 4.015 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV026365.D
Acq: 17 Jun 2022 04:27

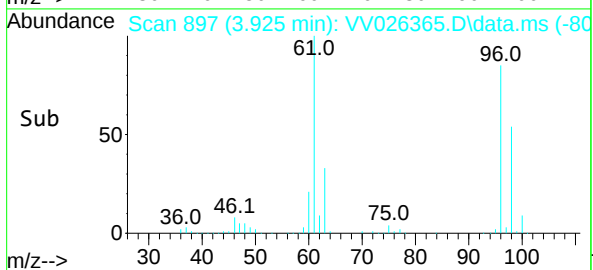
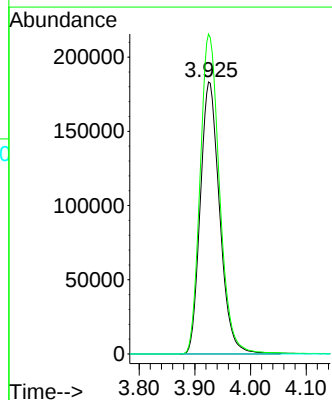
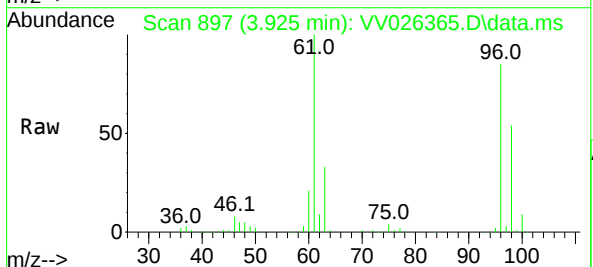
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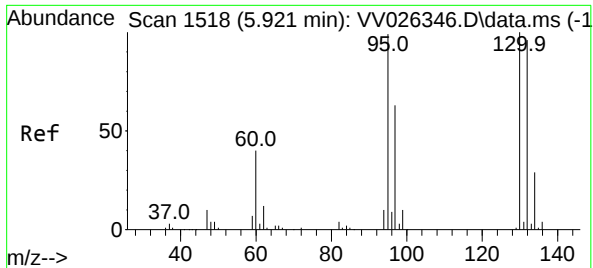
Tgt Ion: 43 Resp: 41475
Ion Ratio Lower Upper
43 100
72 10.4 12.7 38.0#



#22
cis-1,2-Dichloroethene
Concen: 36.484 ug/L
RT: 3.925 min Scan# 897
Delta R.T. -0.003 min
Lab File: VV026365.D
Acq: 17 Jun 2022 04:27

Tgt Ion: 96 Resp: 441677
Ion Ratio Lower Upper
96 100
61 117.7 83.6 155.2
68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 3.306 ug/L
 RT: 5.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV026365.D
 Acq: 17 Jun 2022 04:27

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ92

Tgt Ion: 95 Resp: 42347

Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.5	86.3
132	97.6	68.8	127.8
130	99.1	73.6	136.6

