

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026423.D
 Acq On : 18 Jun 2022 14:23
 Operator : SY/MD
 Sample : N3320-15 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ90

Quant Time: Jun 20 01:29:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 20 01:25:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	187022	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	177732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73143	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	75491	4.647	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.584	69	62350	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.124	63	120805	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.928	46	74332	46.896	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.800%
24) Chloroform-d	4.365	84	131669	5.530	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%
26) 1,2-Dichloroethane-d4	5.047	65	53398	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.059	84	260239	5.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
36) 1,2-Dichloropropane-d6	6.075	67	77189	5.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.320	98	215647	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	7.628	79	16557	3.682	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.095	63	59578	43.859	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.720%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44736	5.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	65873	5.847	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	792	0.051	ug/L	99
5) Vinyl chloride	1.326	62	68165	4.222	ug/L	92
6) Bromomethane	1.542	94	422	0.047	ug/L	77
8) Chloroethane	1.519	64	407868	40.698	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	1249	0.097	ug/L #	21
12) 1,1-Dichloroethene	2.133	96	26959	2.282	ug/L #	38
13) Acetone	2.224	43	4855	3.952	ug/L	85
14) Carbon disulfide	2.310	76	10188	0.350	ug/L	96
16) Methylene chloride	2.526	84	4752	0.315	ug/L	89
18) trans-1,2-Dichloroethene	2.780	96	994	0.087	ug/L #	82
19) 1,1-Dichloroethane	3.207	63	66582	3.047	ug/L	98
21) 2-Butanone	4.031	43	6053	3.808	ug/L #	64
22) cis-1,2-Dichloroethene	3.931	96	99275	8.563	ug/L	98
35) Methylcyclohexane	6.075	83	18821	1.094	ug/L #	19
37) 1,2-Dichloropropane	6.182	63	2841	0.238	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1409	0.104	ug/L #	60
61) 1,2,3-Trichloropropane	11.246	75	8309	1.751	ug/L #	67

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 20 01:25:22 2022
Response via : Initial Calibration

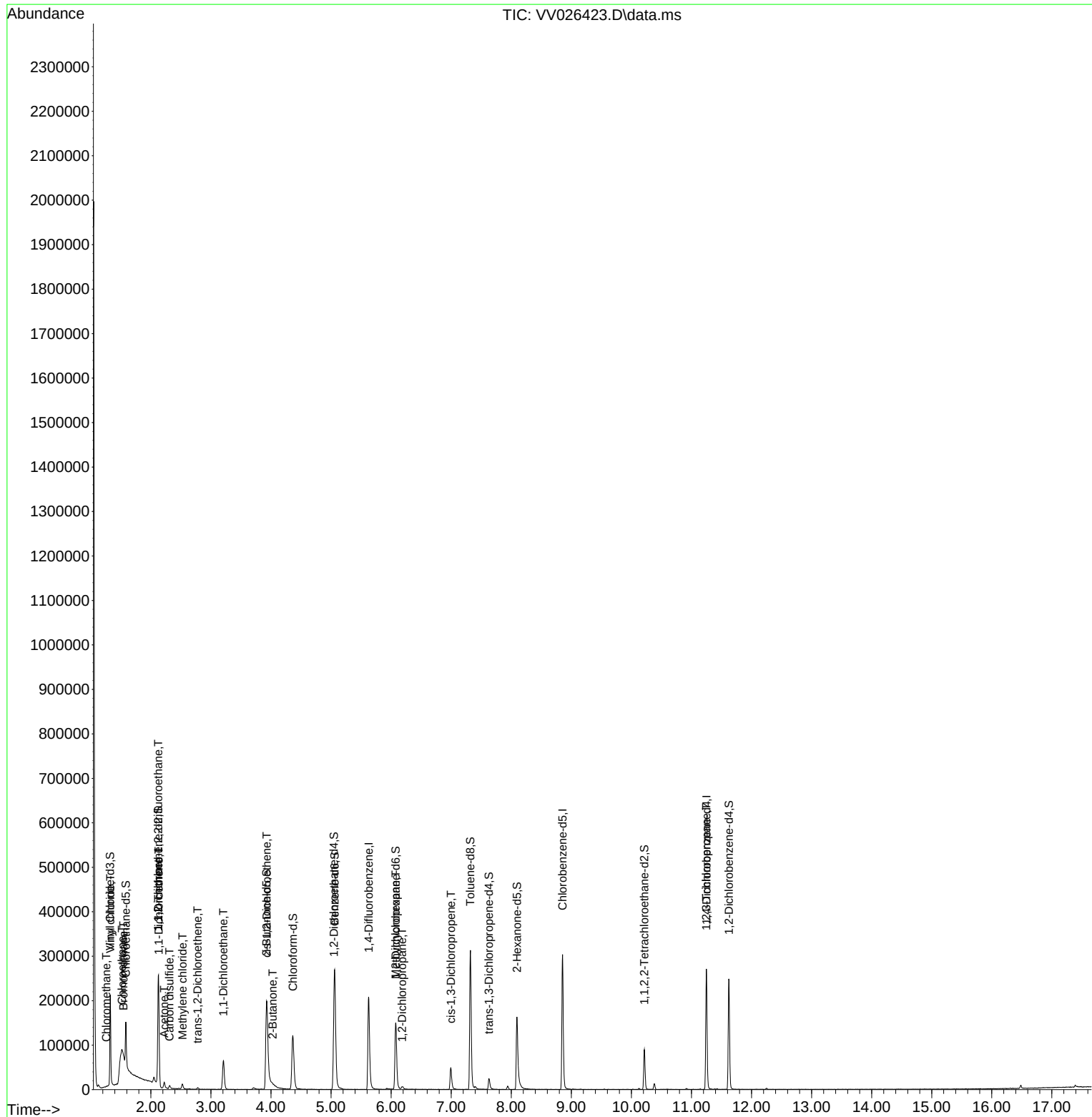
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

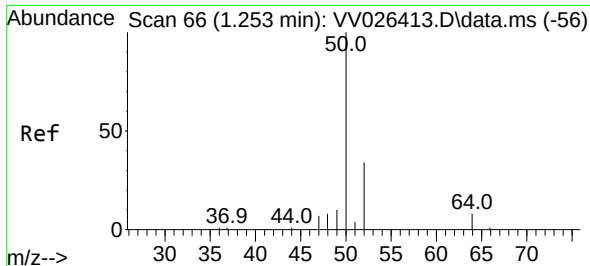
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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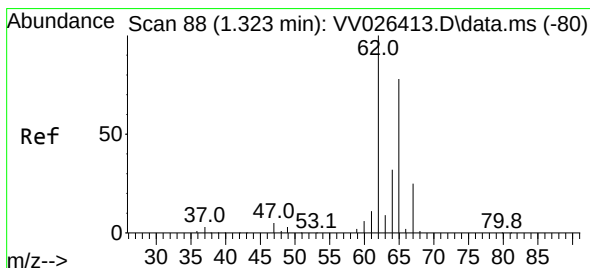
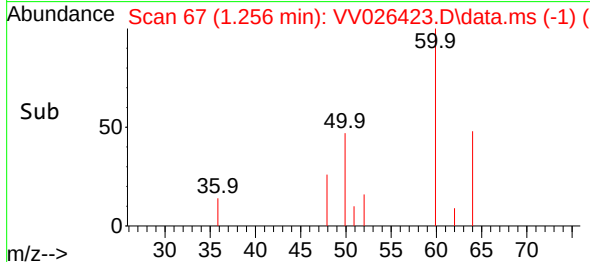
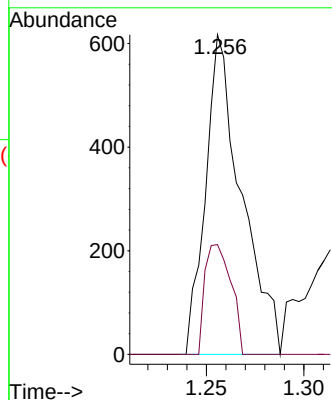
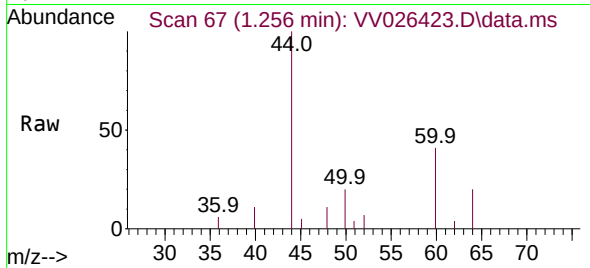




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026423.D
Acq: 18 Jun 2022 14:23

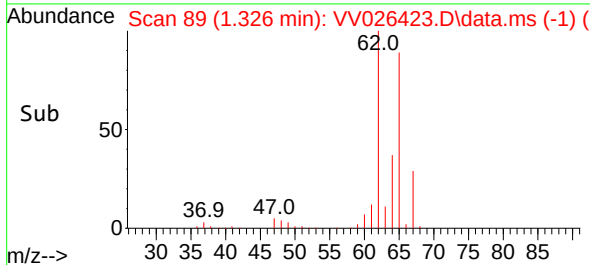
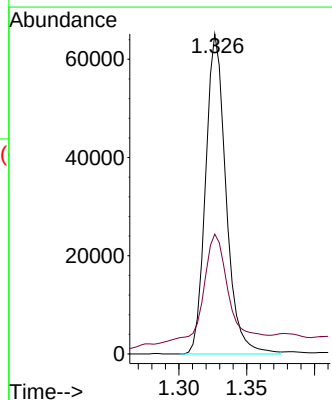
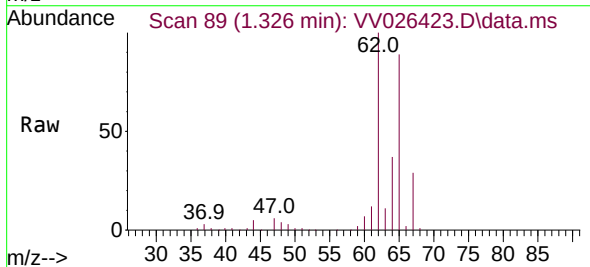
Instrument :
MSVOA_V
ClientSampleId :
BGJ90

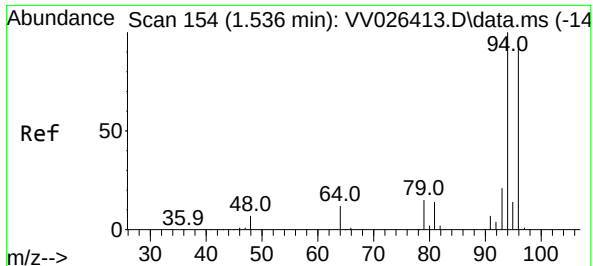
Tgt Ion: 50 Resp: 792
Ion Ratio Lower Upper
50 100
52 34.4 23.7 44.1



#5
Vinyl chloride
Concen: 4.222 ug/L
RT: 1.326 min Scan# 89
Delta R.T. 0.003 min
Lab File: VV026423.D
Acq: 18 Jun 2022 14:23

Tgt Ion: 62 Resp: 68165
Ion Ratio Lower Upper
62 100
64 37.5 23.2 43.2

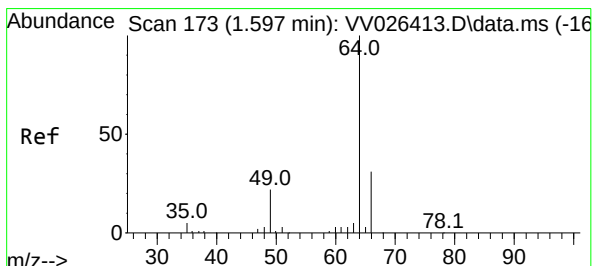
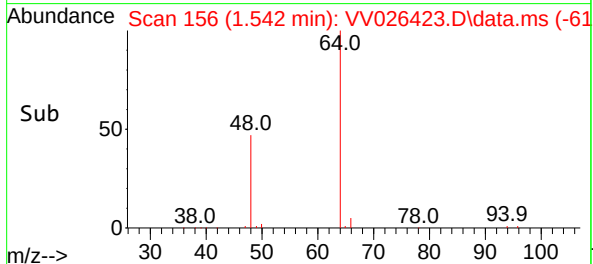
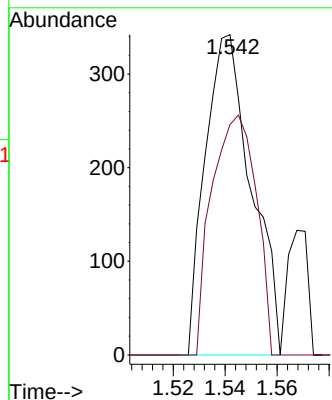
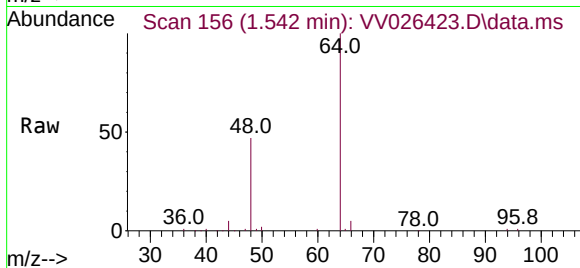




#6
Bromomethane
Concen: 0.047 ug/L
RT: 1.542 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026423.D
Acq: 18 Jun 2022 14:23

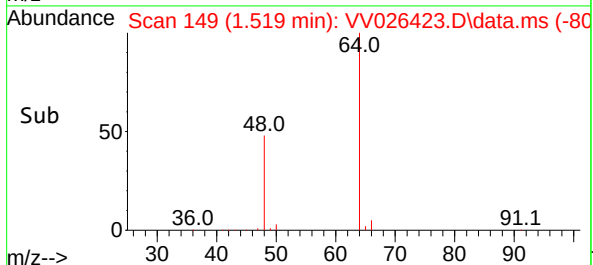
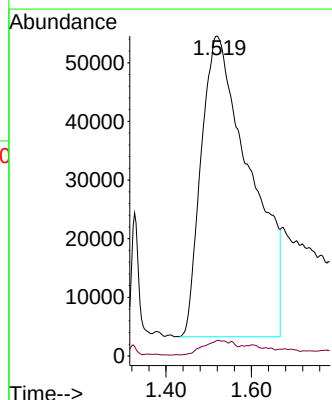
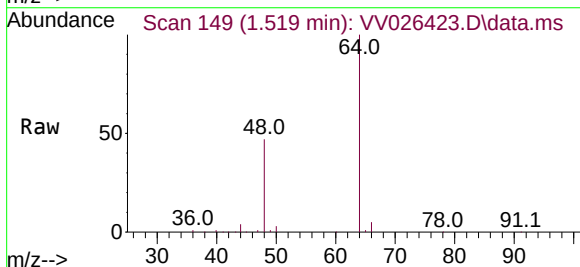
Instrument :
MSVOA_V
ClientSampleId :
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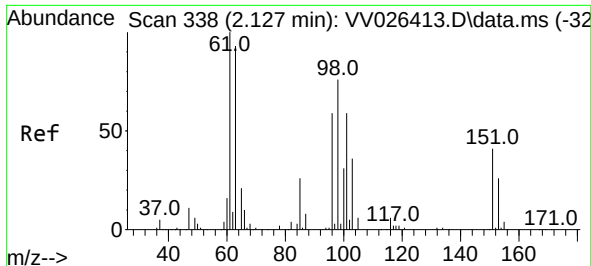
Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 71.9 65.7 121.9



#8
Chloroethane
Concen: 40.698 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.077 min
Lab File: VV026423.D
Acq: 18 Jun 2022 14:23

Tgt Ion: 64 Resp: 407868
Ion Ratio Lower Upper
64 100
66 4.8 24.1 44.7#

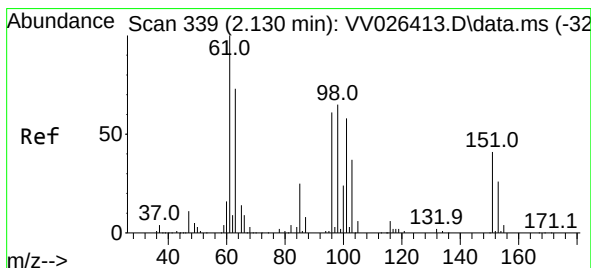
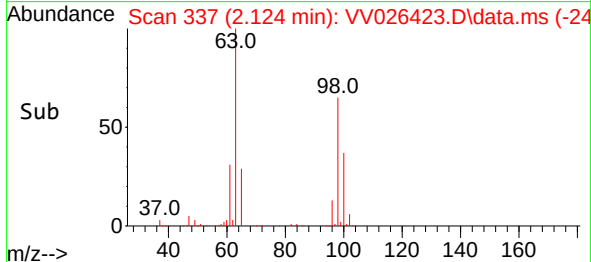
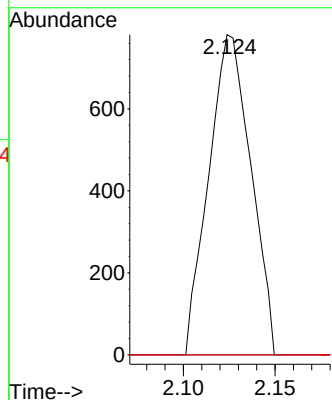
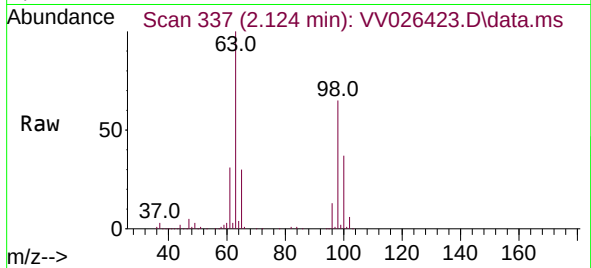




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.097 ug/L
RT: 2.124 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV026423.D
Acq: 18 Jun 2022 14:23

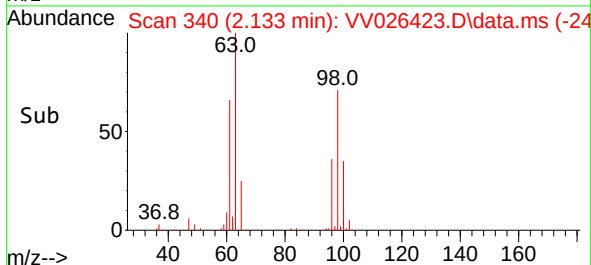
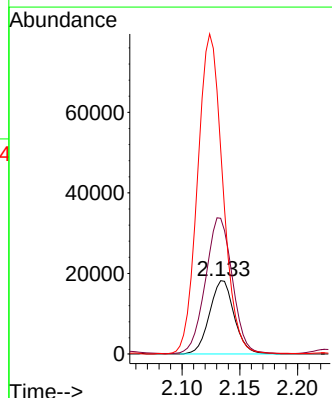
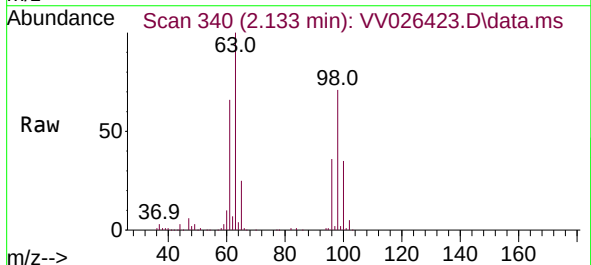
Instrument :
MSVOA_V
ClientSampleId :
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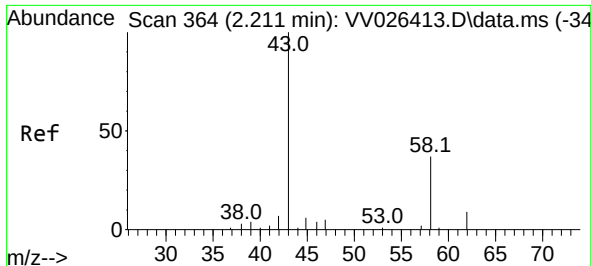
Tgt Ion:101 Resp: 1249
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 56.8 85.2#



#12
1,1-Dichloroethene
Concen: 2.282 ug/L
RT: 2.133 min Scan# 340
Delta R.T. 0.003 min
Lab File: VV026423.D
Acq: 18 Jun 2022 14:23

Tgt Ion: 96 Resp: 26959
Ion Ratio Lower Upper
96 100
61 185.0 117.1 217.5
63 279.2 92.8 172.4#





#13

Acetone

Concen: 3.952 ug/L

RT: 2.224 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV026423.D

Acq: 18 Jun 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

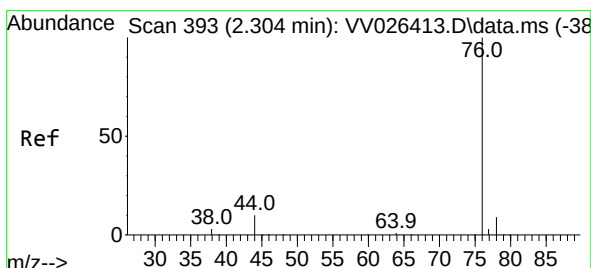
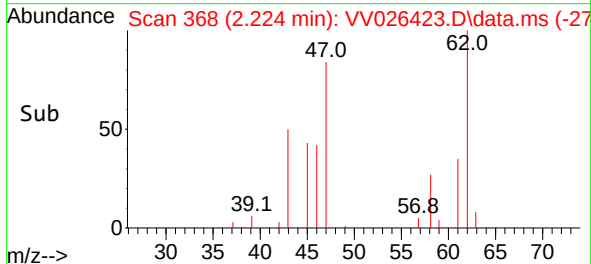
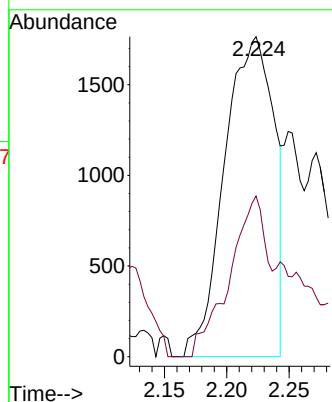
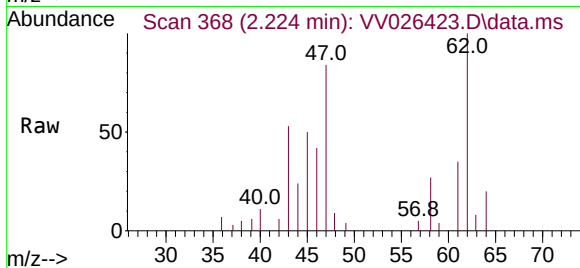
BGJ90

Tgt Ion: 43 Resp: 4855

Ion Ratio Lower Upper

43 100

58 37.9 0.0 60.0



#14

Carbon disulfide

Concen: 0.350 ug/L

RT: 2.310 min Scan# 395

Delta R.T. 0.006 min

Lab File: VV026423.D

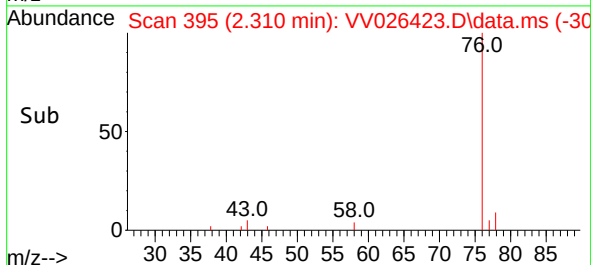
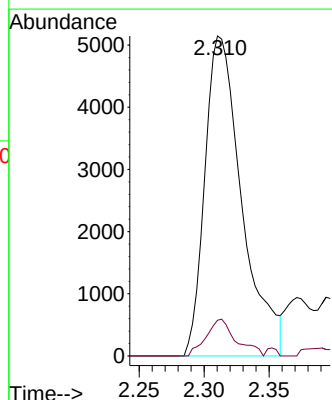
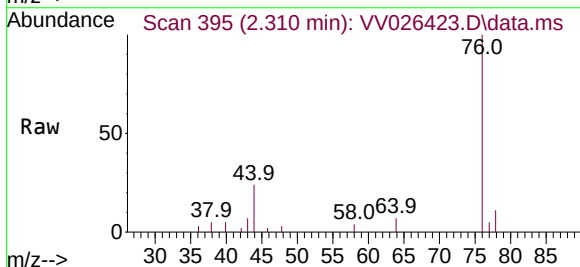
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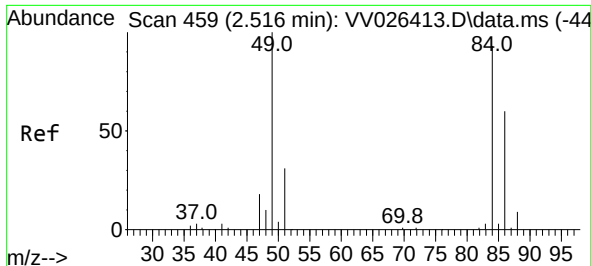
Tgt Ion: 76 Resp: 10188

Ion Ratio Lower Upper

76 100

78 11.2 7.7 11.5

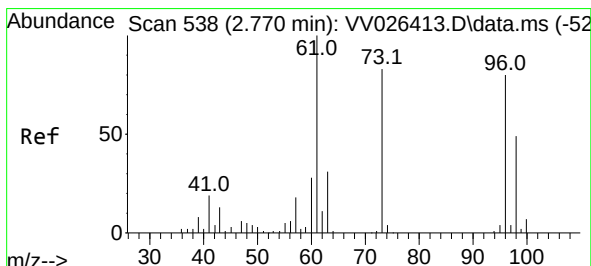
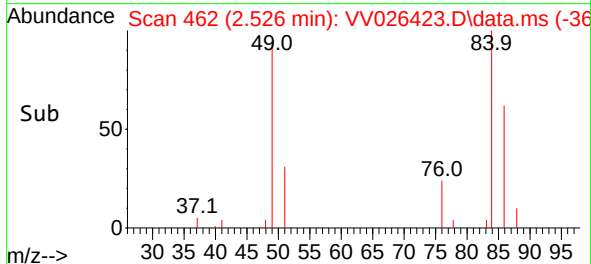
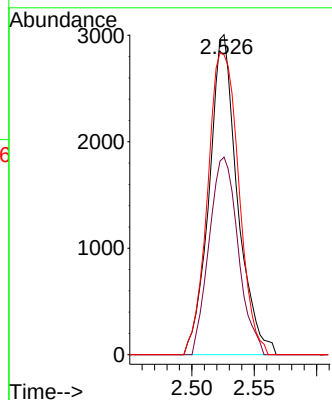
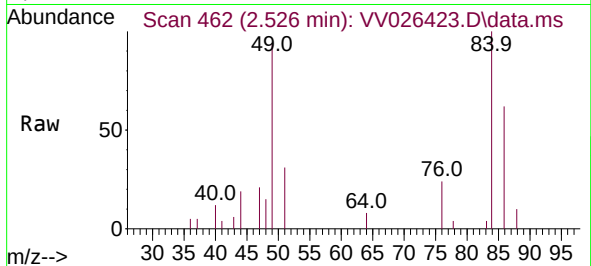




#16
Methylene chloride
Concen: 0.315 ug/L
RT: 2.526 min Scan# 41
Delta R.T. 0.009 min
Lab File: VV026423.D
Acq: 18 Jun 2022 14:23

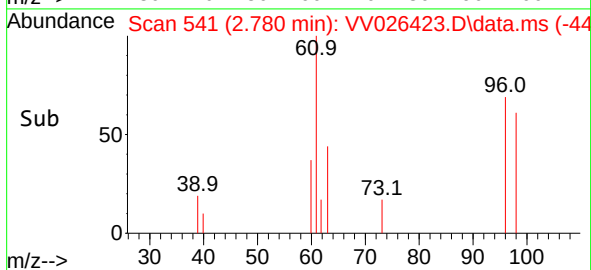
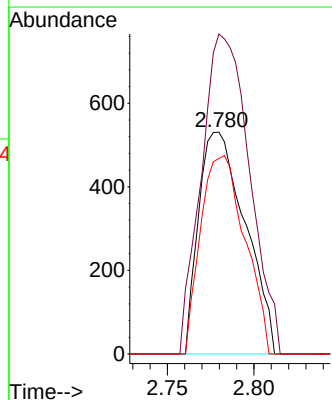
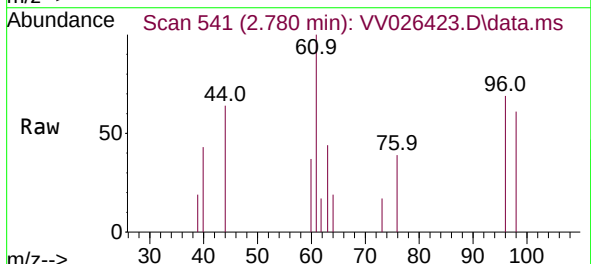
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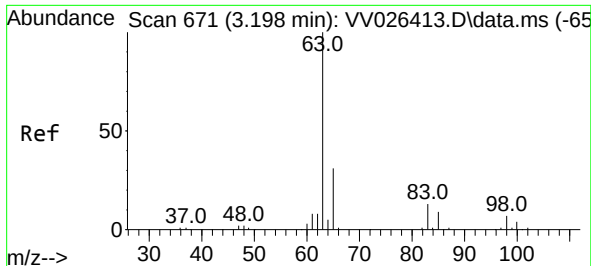
Tgt Ion: 84 Resp: 4752
Ion Ratio Lower Upper
84 100
86 61.7 44.0 81.8
49 93.7 77.3 143.7



#18
trans-1,2-Dichloroethene
Concen: 0.087 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.009 min
Lab File: VV026423.D
Acq: 18 Jun 2022 14:23

Tgt Ion: 96 Resp: 994
Ion Ratio Lower Upper
96 100
61 144.3 91.3 169.6
98 88.1 45.3 84.1#





#19

1,1-Dichloroethane

Concen: 3.047 ug/L

RT: 3.207 min Scan# 61

Delta R.T. 0.009 min

Lab File: VV026423.D

Acq: 18 Jun 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

BGJ90

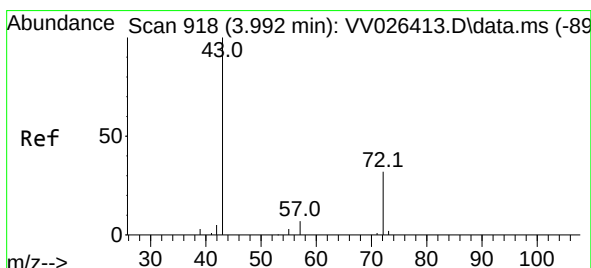
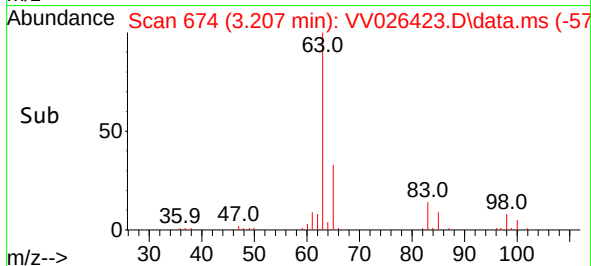
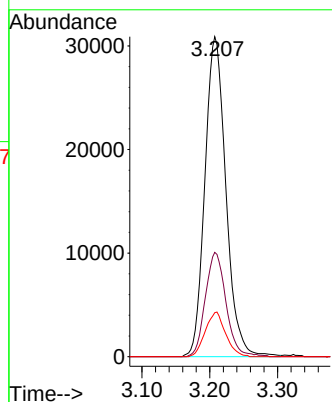
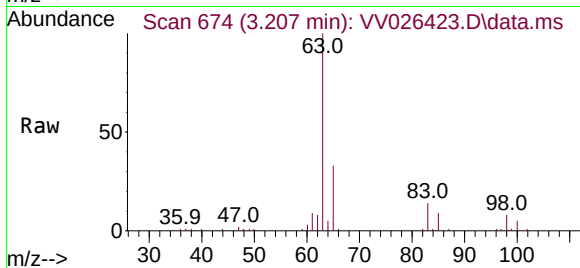
Tgt Ion: 63 Resp: 66582

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.3

83 13.8 8.9 16.5



#21

2-Butanone

Concen: 3.808 ug/L

RT: 4.031 min Scan# 930

Delta R.T. 0.038 min

Lab File: VV026423.D

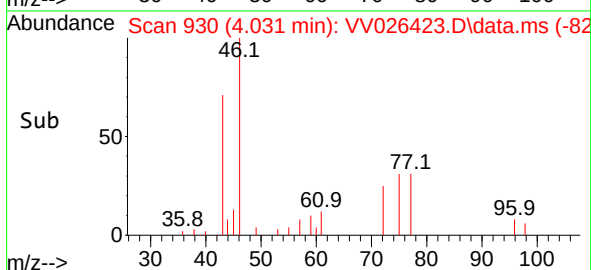
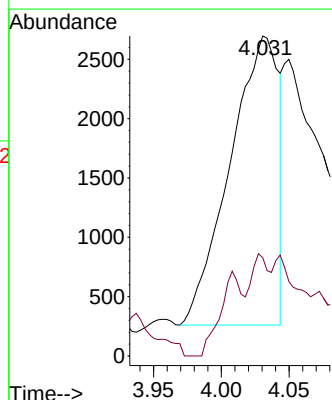
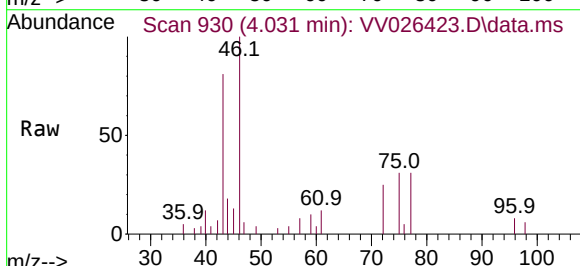
Acq: 18 Jun 2022 14:23

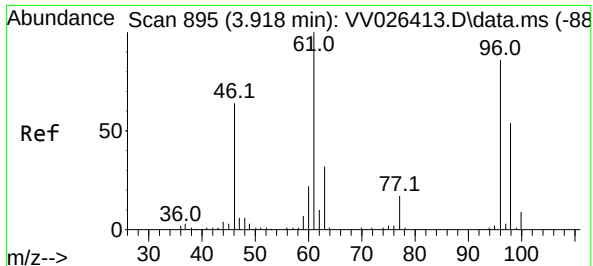
Tgt Ion: 43 Resp: 6053

Ion Ratio Lower Upper

43 100

72 7.0 12.7 38.0#





#22

cis-1,2-Dichloroethene

Concen: 8.563 ug/L

RT: 3.931 min Scan# 895

Delta R.T. 0.013 min

Lab File: VV026423.D

Acq: 18 Jun 2022 14:23

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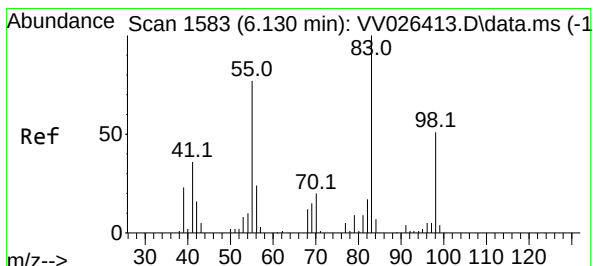
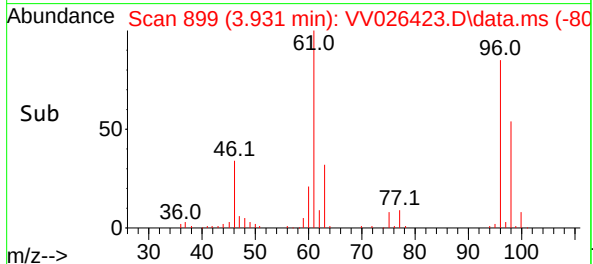
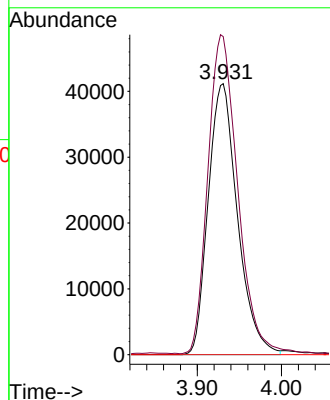
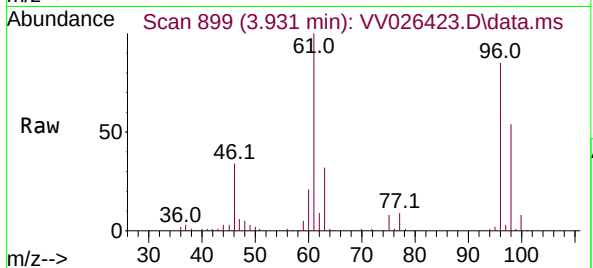
Tgt Ion: 96 Resp: 99275

Ion Ratio Lower Upper

96 100

61 117.4 83.6 155.2

68 0.0 0.0 0.0



#35

Methylcyclohexane

Concen: 1.094 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.055 min

Lab File: VV026423.D

Acq: 18 Jun 2022 14:23

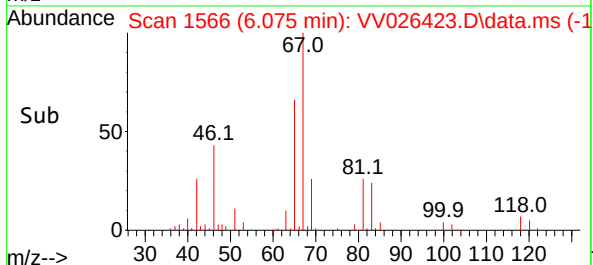
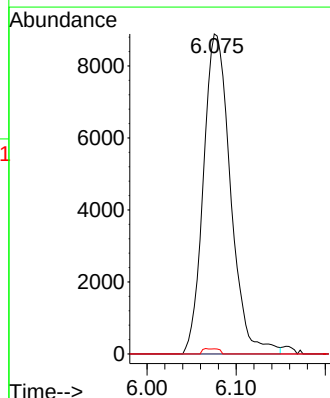
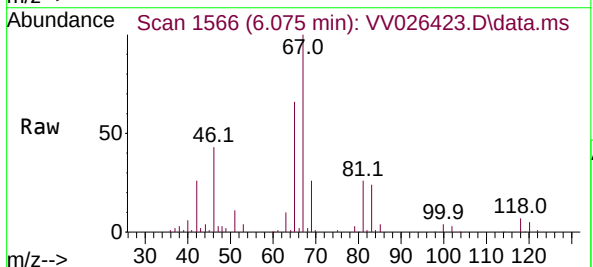
Tgt Ion: 83 Resp: 18821

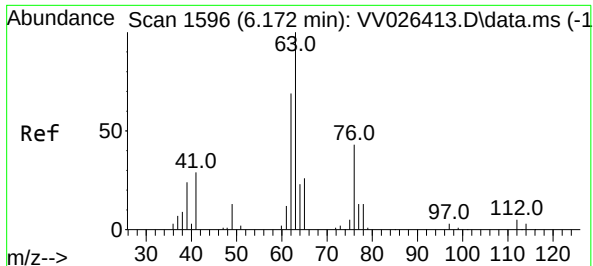
Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 1.0 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.238 ug/L

RT: 6.182 min Scan# 1

Delta R.T. 0.009 min

Lab File: VV026423.D

Acq: 18 Jun 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

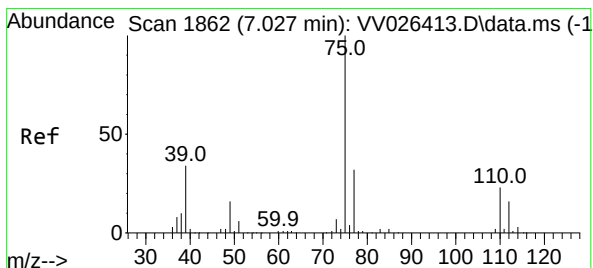
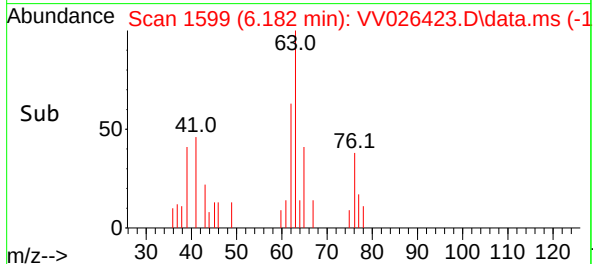
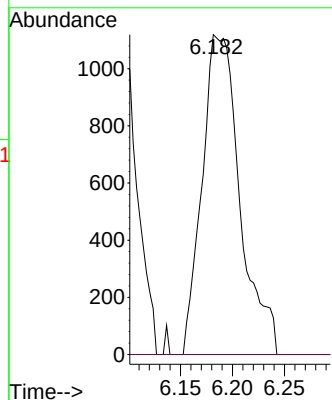
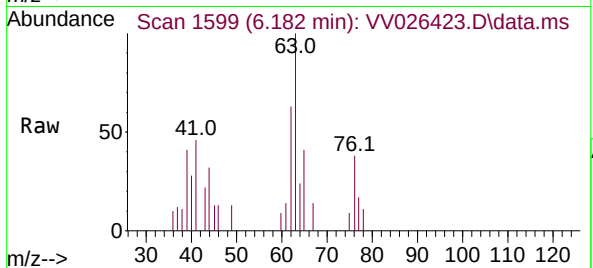
BGJ90

Tgt Ion: 63 Resp: 2841

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.032 min

Lab File: VV026423.D

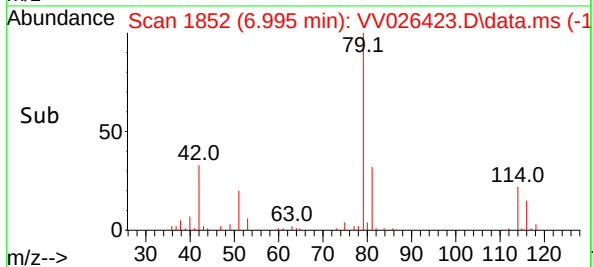
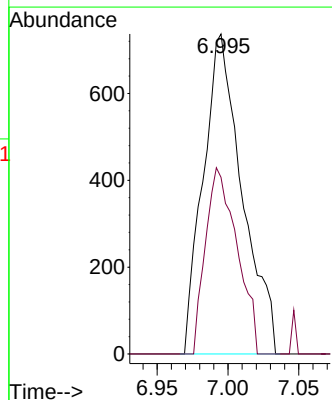
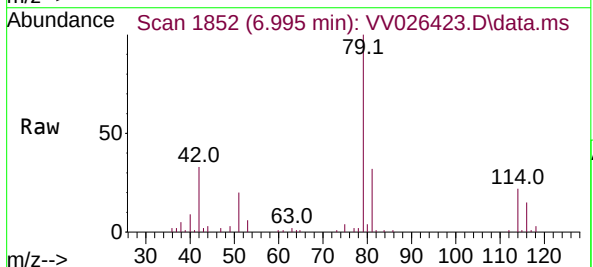
Acq: 18 Jun 2022 14:23

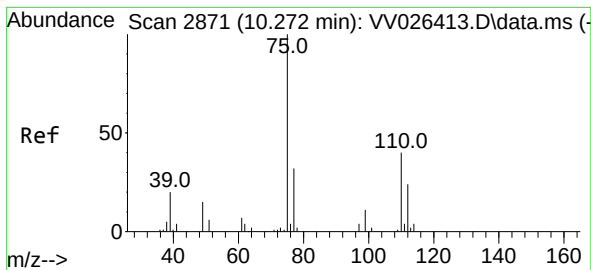
Tgt Ion: 75 Resp: 1409

Ion Ratio Lower Upper

75 100

77 55.2 23.0 42.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.751 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026423.D
 Acq: 18 Jun 2022 14:23

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ90

Tgt Ion: 75 Resp: 8309
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.9 40.3
 110 2.9 30.7 46.1#

