

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026345.D
 Acq On : 16 Jun 2022 20:05
 Operator : SY/MD
 Sample : V3320-12 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ87

Quant Time: Jun 17 05:25:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 05:16:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	197580	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	187234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	77793	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	65952	3.843	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.581	69	57655	4.273	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.121	63	93045	3.157	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	3.928	46	73681	44.001	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.000%
24) Chloroform-d	4.362	84	119524	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.043	65	47726	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.059	84	227376	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.075	67	70329	4.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.320	98	182687	4.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.628	79	17483	3.690	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.091	63	55923	39.079	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41916	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	59751	4.986	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1338	0.082	ug/L	100
5) Vinyl chloride	1.323	62	3214	0.188	ug/L #	1
8) Chloroethane	1.513	64	123657	11.679	ug/L #	49
12) 1,1-Dichloroethene	2.124	96	1065	0.085	ug/L #	1
13) Acetone	2.214	43	22582	17.401	ug/L	99
14) Carbon disulfide	2.310	76	6283	0.204	ug/L #	93
15) Methyl Acetate	2.465	43	1374	0.441	ug/L #	81
16) Methylene chloride	2.523	84	6502	0.408	ug/L	96
19) 1,1-Dichloroethane	3.211	63	4414	0.191	ug/L	96
21) 2-Butanone	4.018	43	4119	2.453	ug/L #	44
22) cis-1,2-Dichloroethene	3.928	96	5209	0.425	ug/L	99
34) Trichloroethene	5.921	95	8656	0.660	ug/L	96
35) Methylcyclohexane	6.075	83	16887	0.932	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	7382	0.588	ug/L #	90
39) cis-1,3-Dichloropropene	6.995	75	1211	0.085	ug/L #	71
61) 1,2,3-Trichloropropane	11.246	75	8916	1.766	ug/L #	66

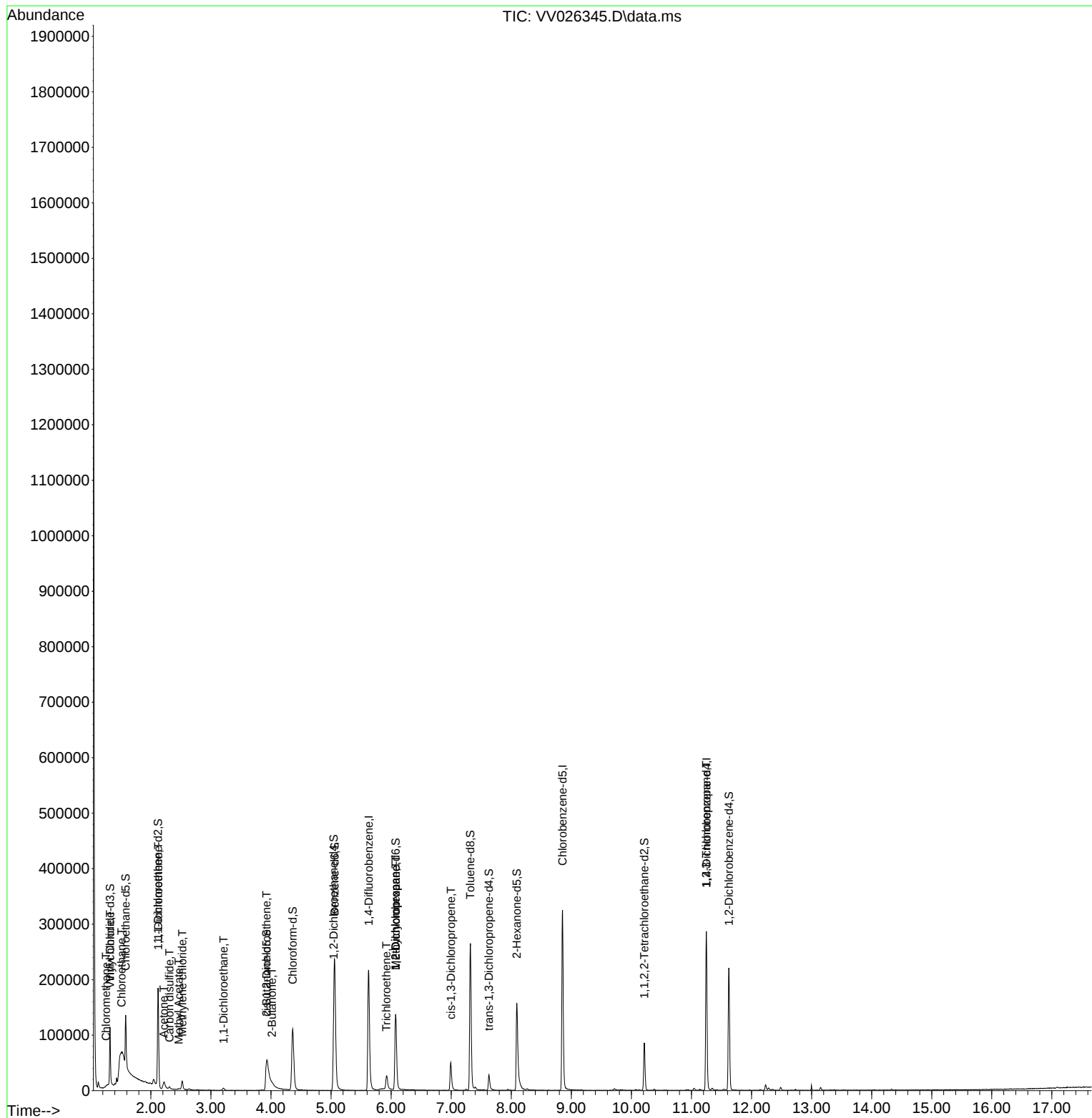
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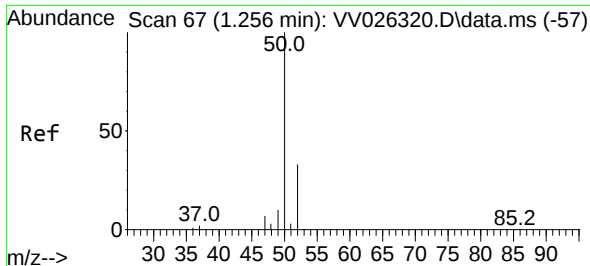
Instrument :
MSVOA_V
ClientSampleId :
BGJ87

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Data File : VV026345.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 17 05:16:46 2022
Response via : Initial Calibration

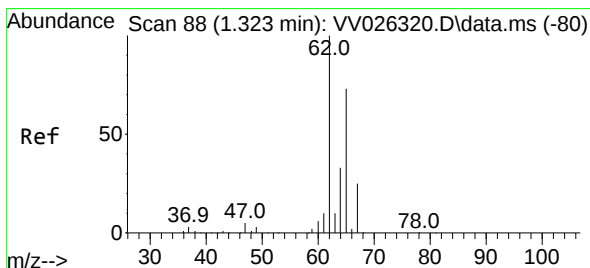
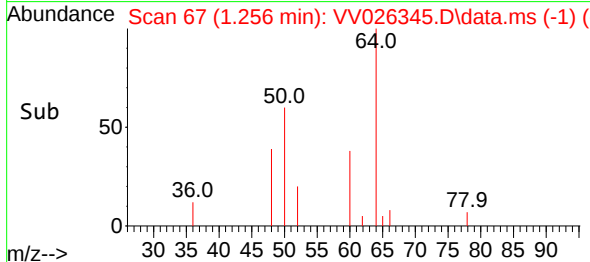
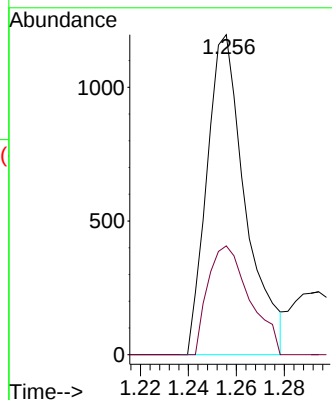
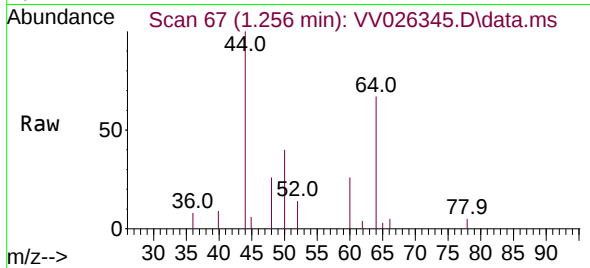




#3
Chloromethane
Concen: 0.082 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026345.D
Acq: 16 Jun 2022 20:05

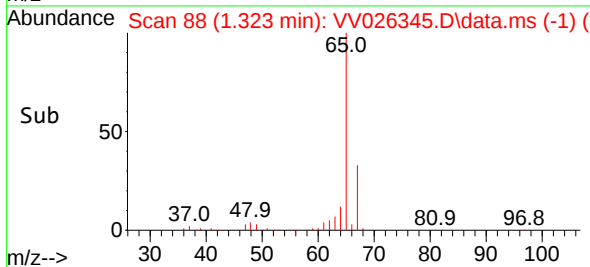
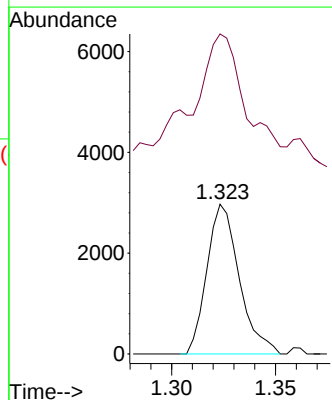
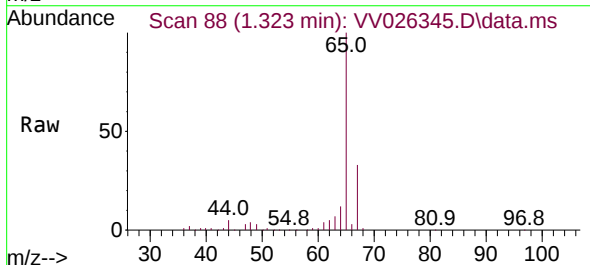
Instrument :
MSVOA_V
ClientSampleId :
BGJ87

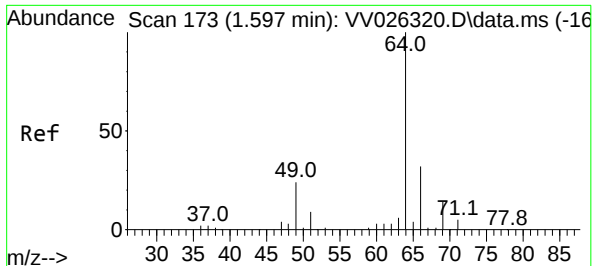
Tgt Ion: 50 Resp: 1338
Ion Ratio Lower Upper
50 100
52 34.0 23.7 44.1



#5
Vinyl chloride
Concen: 0.188 ug/L
RT: 1.323 min Scan# 88
Delta R.T. 0.000 min
Lab File: VV026345.D
Acq: 16 Jun 2022 20:05

Tgt Ion: 62 Resp: 3214
Ion Ratio Lower Upper
62 100
64 213.6 23.2 43.2#

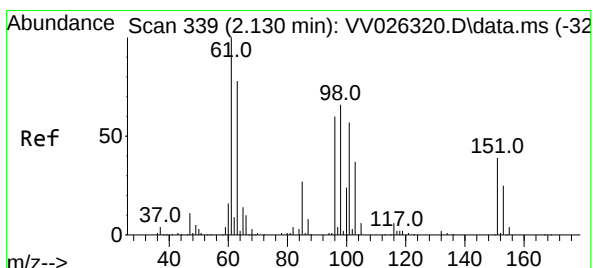
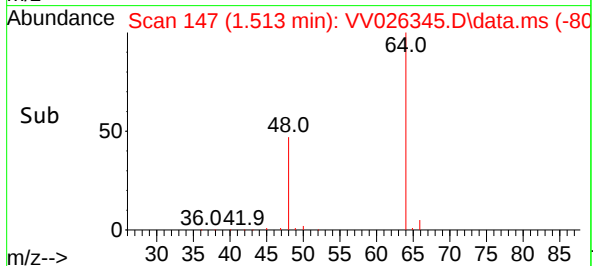
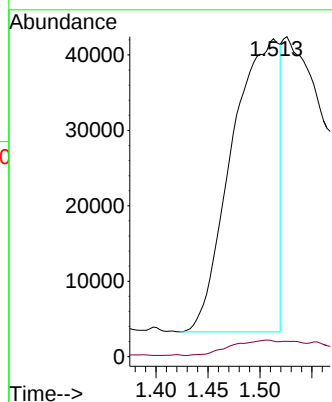
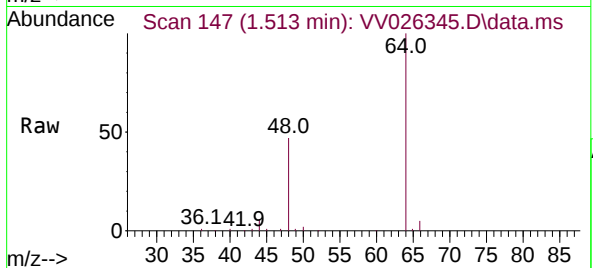




#8
Chloroethane
Concen: 11.679 ug/L
RT: 1.513 min Scan# 14
Delta R.T. -0.084 min
Lab File: VV026345.D
Acq: 16 Jun 2022 20:05

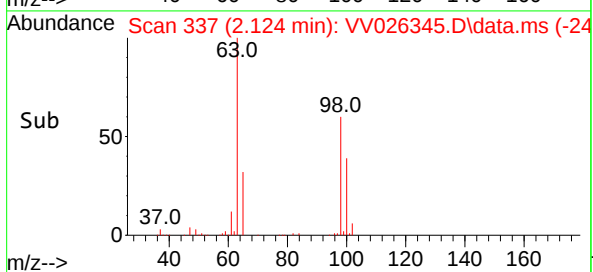
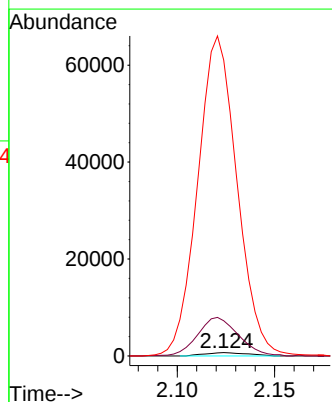
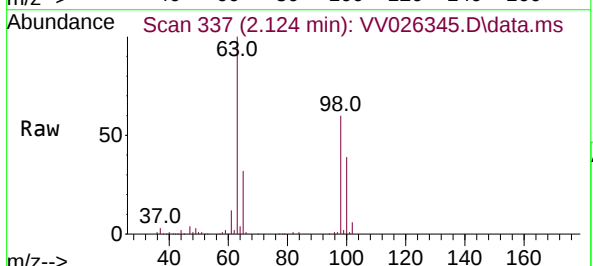
Instrument :
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ClientSampleId :
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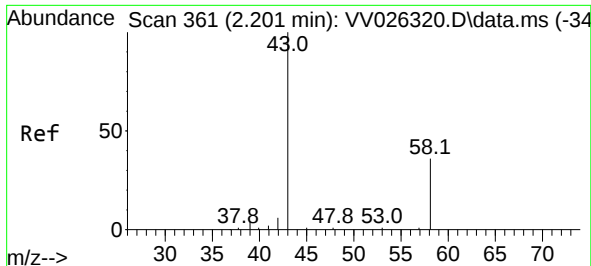
Tgt Ion: 64 Resp: 123657
Ion Ratio Lower Upper
64 100
66 4.9 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.006 min
Lab File: VV026345.D
Acq: 16 Jun 2022 20:05

Tgt Ion: 96 Resp: 1065
Ion Ratio Lower Upper
96 100
61 1030.1 117.1 217.5#
63 8659.3 92.8 172.4#





#13

Acetone

Concen: 17.401 ug/L

RT: 2.214 min Scan# 30

Delta R.T. 0.013 min

Lab File: VV026345.D

Acq: 16 Jun 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

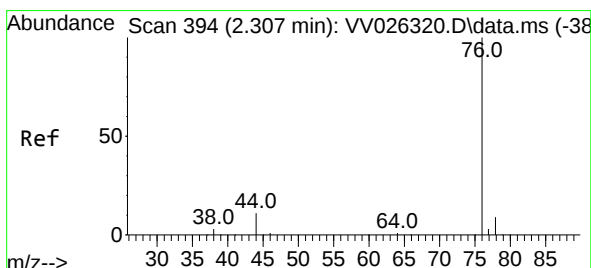
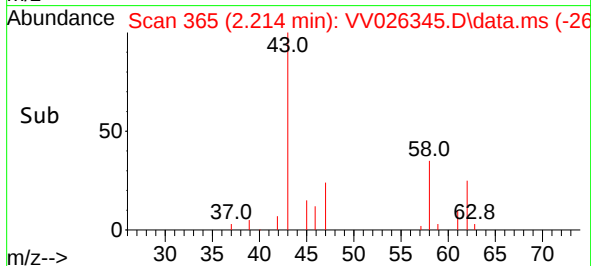
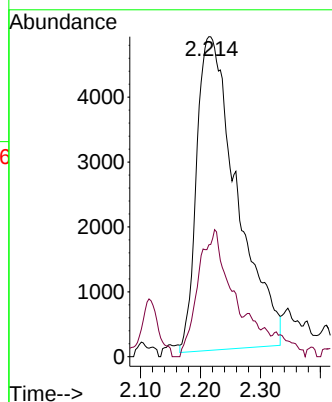
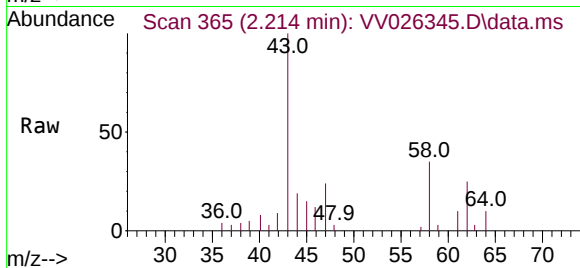
BGJ87

Tgt Ion: 43 Resp: 22582

Ion Ratio Lower Upper

43 100

58 30.7 0.0 60.0



#14

Carbon disulfide

Concen: 0.204 ug/L

RT: 2.310 min Scan# 395

Delta R.T. 0.003 min

Lab File: VV026345.D

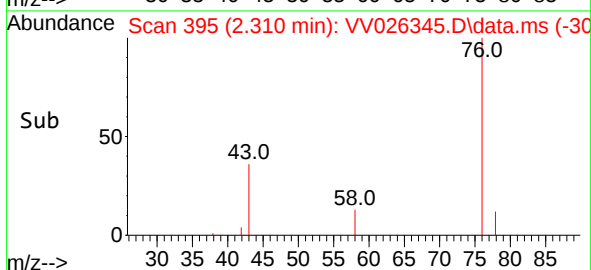
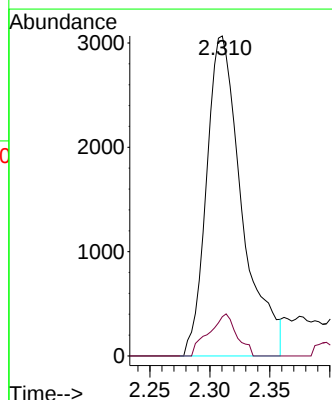
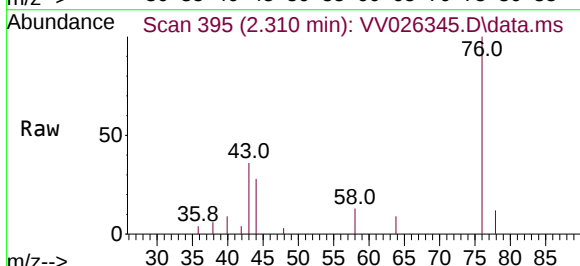
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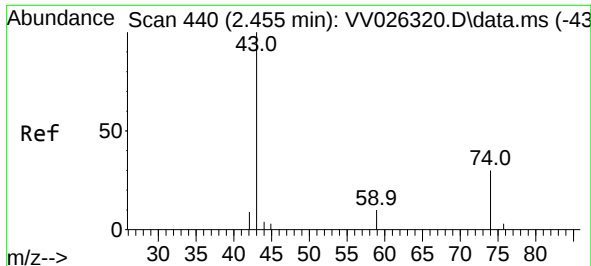
Tgt Ion: 76 Resp: 6283

Ion Ratio Lower Upper

76 100

78 12.3 7.7 11.5#

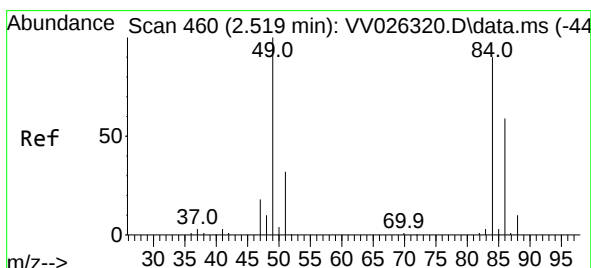
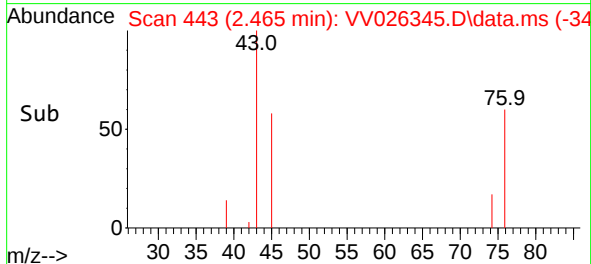
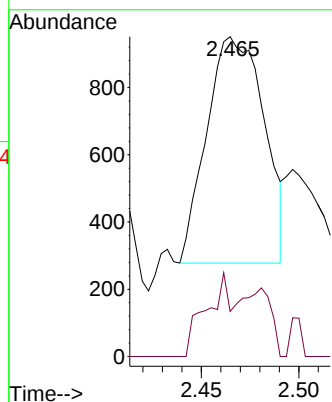
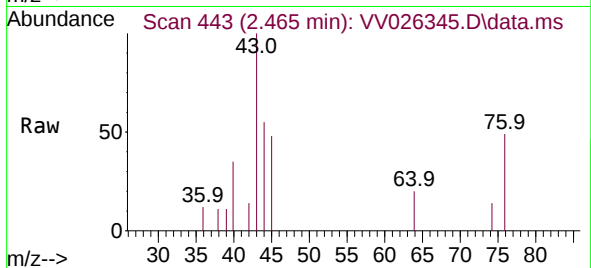




#15
Methyl Acetate
Concen: 0.441 ug/L
RT: 2.465 min Scan# 441
Delta R.T. 0.010 min
Lab File: VV026345.D
Acq: 16 Jun 2022 20:05

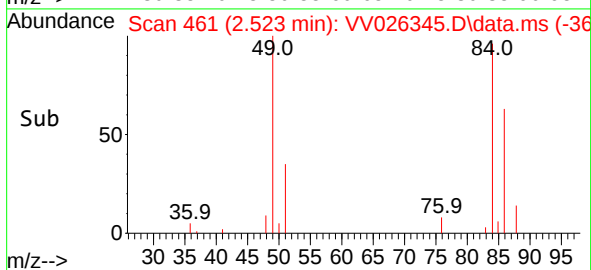
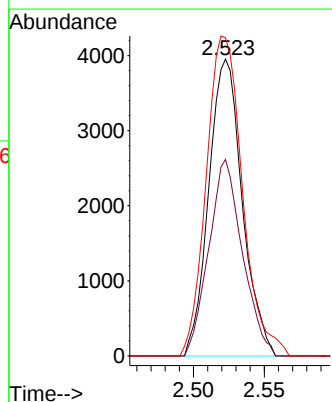
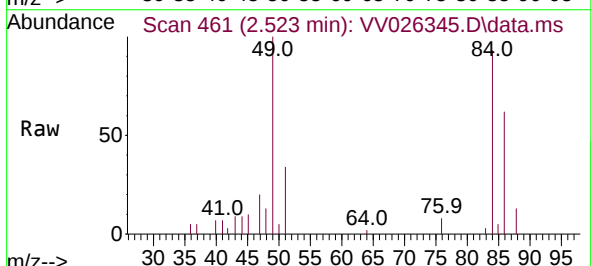
Instrument :
MSVOA_V
ClientSampleId :
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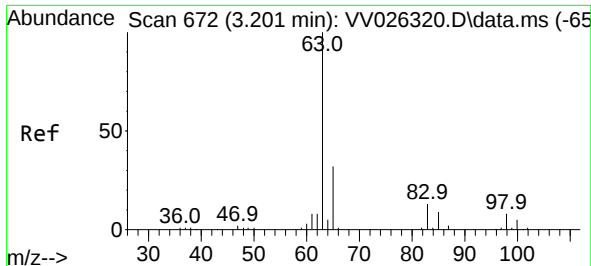
Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
74 17.0 21.4 32.0#



#16
Methylene chloride
Concen: 0.408 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.003 min
Lab File: VV026345.D
Acq: 16 Jun 2022 20:05

Tgt Ion: 84 Resp: 6502
Ion Ratio Lower Upper
84 100
86 66.2 44.0 81.8
49 107.2 77.3 143.7





#19

1,1-Dichloroethane

Concen: 0.191 ug/L

RT: 3.211 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV026345.D

Acq: 16 Jun 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

BGJ87

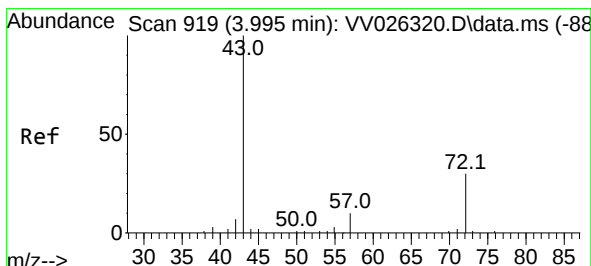
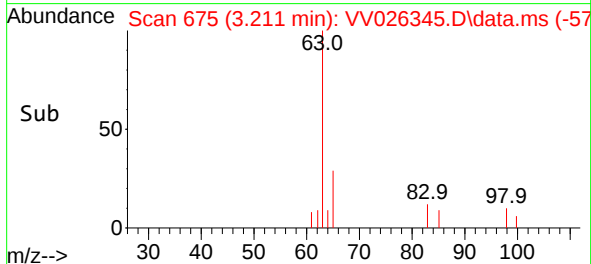
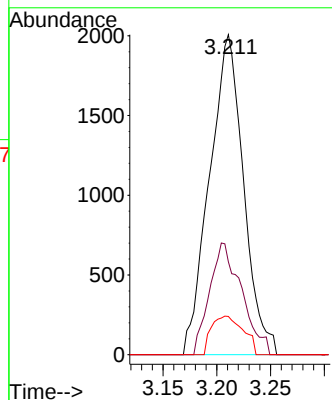
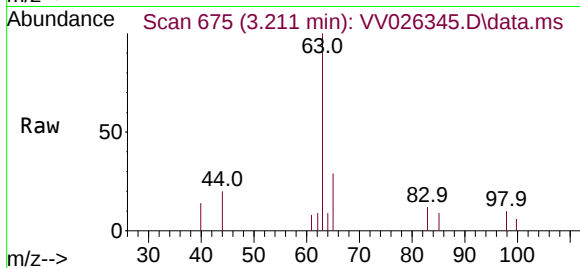
Tgt Ion: 63 Resp: 4414

Ion Ratio Lower Upper

63 100

65 29.0 22.3 41.3

83 12.0 8.9 16.5



#21

2-Butanone

Concen: 2.453 ug/L

RT: 4.018 min Scan# 926

Delta R.T. 0.023 min

Lab File: VV026345.D

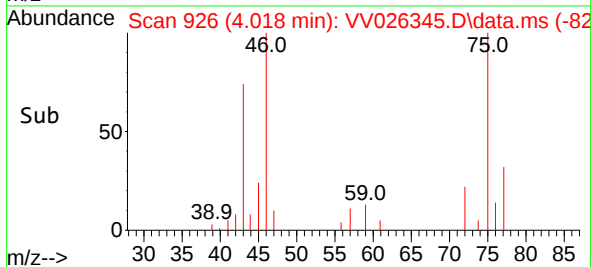
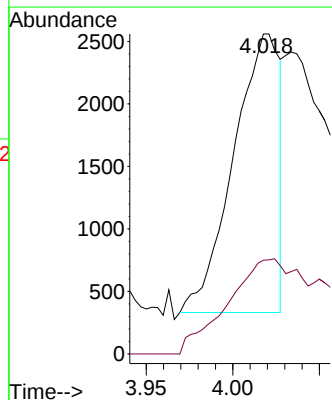
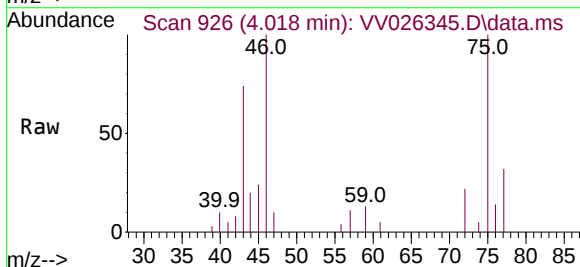
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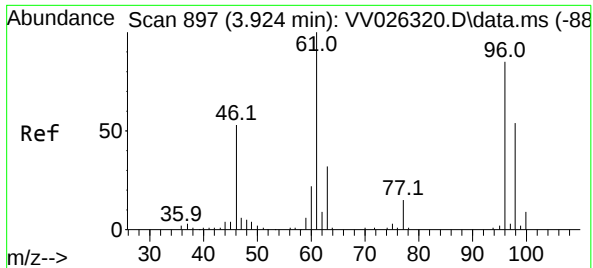
Tgt Ion: 43 Resp: 4119

Ion Ratio Lower Upper

43 100

72 53.3 12.7 38.0#

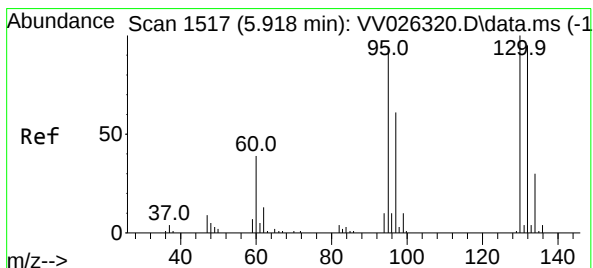
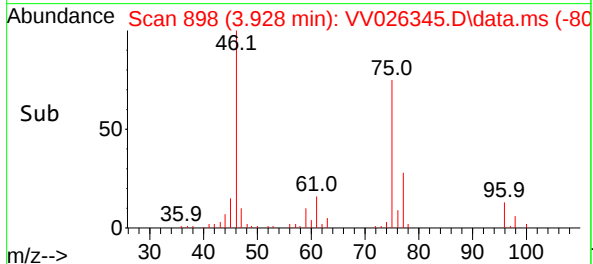
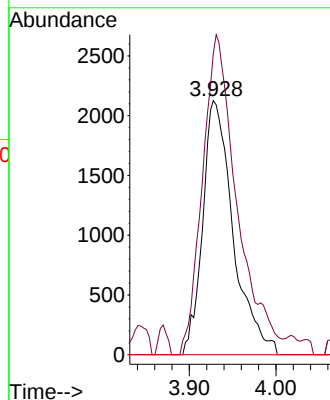
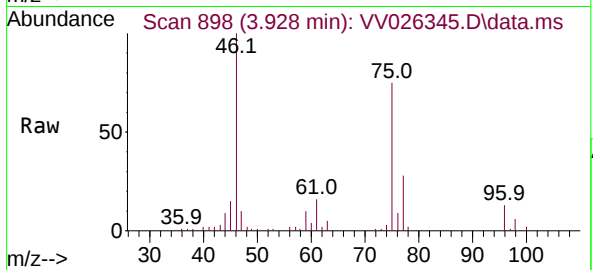




#22
 cis-1,2-Dichloroethene
 Concen: 0.425 ug/L
 RT: 3.928 min Scan# 898
 Delta R.T. 0.003 min
 Lab File: VV026345.D
 Acq: 16 Jun 2022 20:05

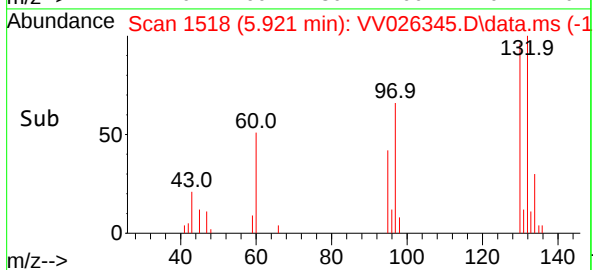
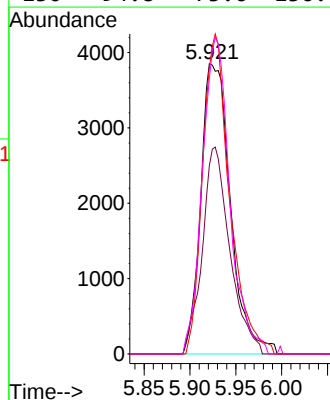
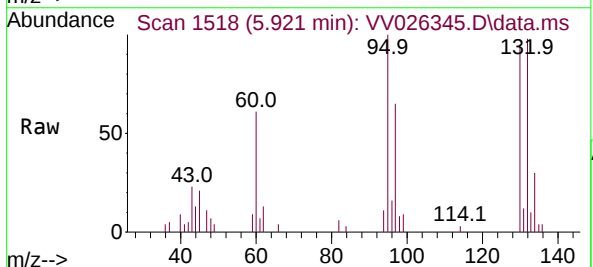
Instrument :
 MSVOA_V
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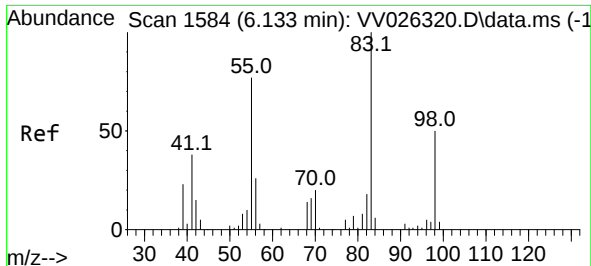
Tgt Ion: 96 Resp: 5209
 Ion Ratio Lower Upper
 96 100
 61 118.6 83.6 155.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.660 ug/L
 RT: 5.921 min Scan# 1518
 Delta R.T. 0.003 min
 Lab File: VV026345.D
 Acq: 16 Jun 2022 20:05

Tgt Ion: 95 Resp: 8656
 Ion Ratio Lower Upper
 95 100
 97 64.8 46.5 86.3
 132 98.4 68.8 127.8
 130 94.8 73.6 136.6

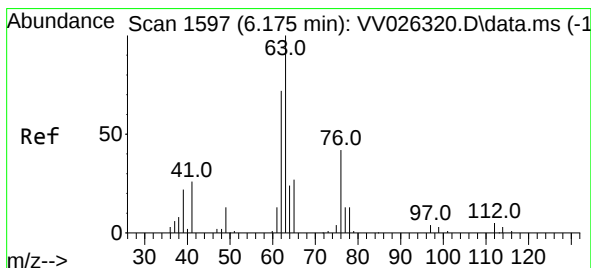
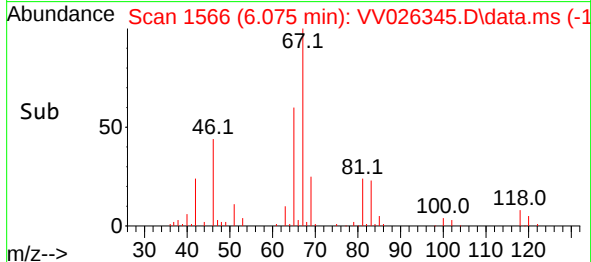
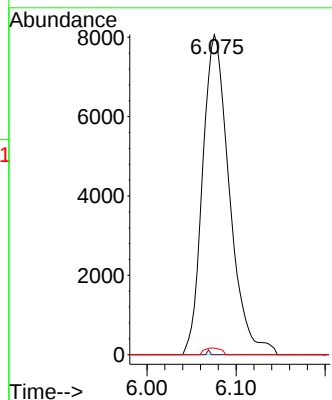
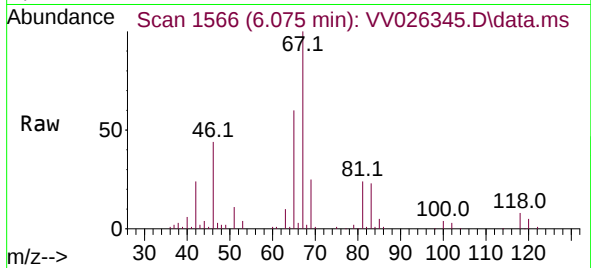




#35
Methylcyclohexane
Concen: 0.932 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026345.D
Acq: 16 Jun 2022 20:05

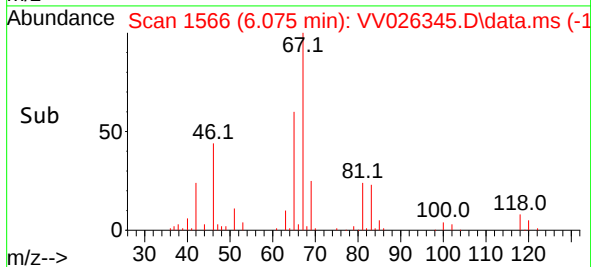
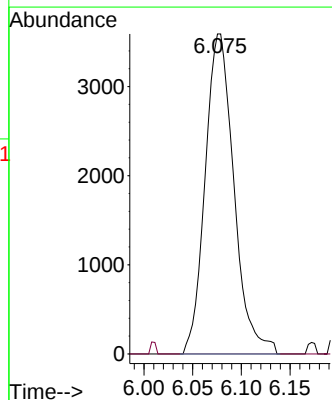
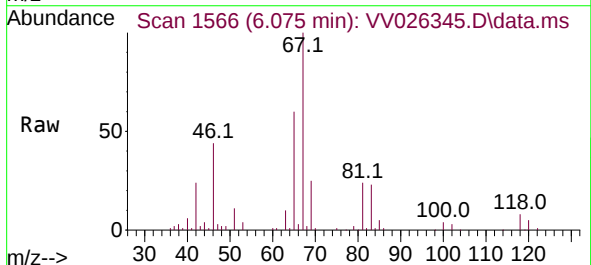
Instrument :
MSVOA_V
ClientSampleId :
BGJ87

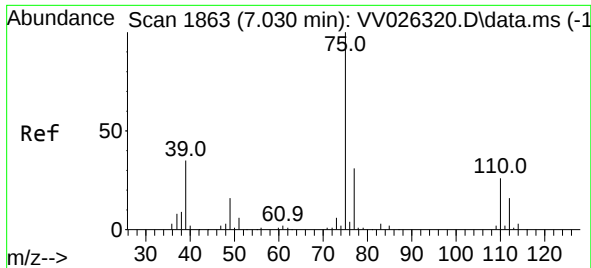
Tgt Ion: 83 Resp: 16887
Ion Ratio Lower Upper
83 100
55 0.1 59.3 88.9#
98 1.3 39.9 59.9#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV026345.D
Acq: 16 Jun 2022 20:05

Tgt Ion: 63 Resp: 7382
Ion Ratio Lower Upper
63 100
112 0.7 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026345.D

Acq: 16 Jun 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

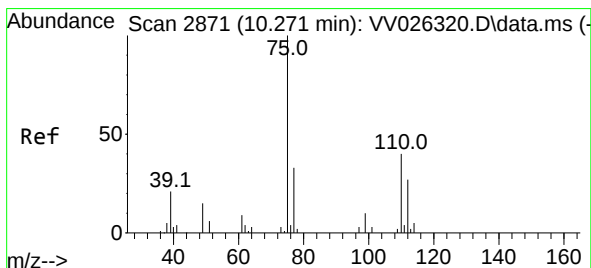
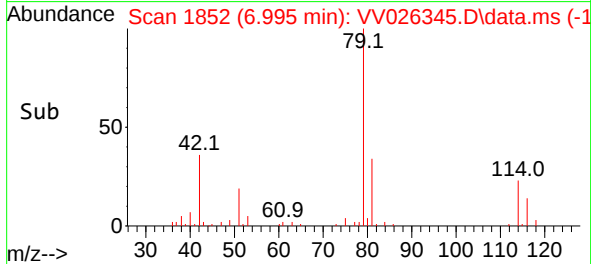
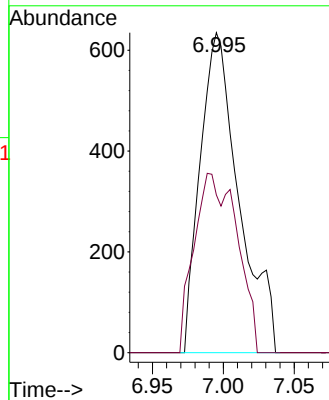
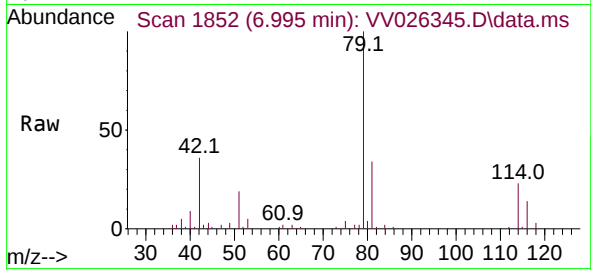
BGJ87

Tgt Ion: 75 Resp: 1211

Ion Ratio Lower Upper

75 100

77 49.3 23.0 42.6#



#61

1,2,3-Trichloropropane

Concen: 1.766 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026345.D

Acq: 16 Jun 2022 20:05

Tgt Ion: 75 Resp: 8916

Ion Ratio Lower Upper

75 100

77 30.5 26.9 40.3

110 2.1 30.7 46.1#

