

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026348.D
 Acq On : 16 Jun 2022 21:41
 Operator : SY/MD
 Sample : N3318-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ55

Quant Time: Jun 17 07:18:46 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	188199	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	182337	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75761	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	64802	3.964	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.580	69	56922	4.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.121	63	91399	3.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.928	46	78107	48.969	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.940%
24) Chloroform-d	4.362	84	118254	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.043	65	48060	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.059	84	222041	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.075	67	71129	4.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.320	98	179275	4.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.628	79	16908	3.665	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.091	63	59923	42.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44259	5.050	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	59926	5.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	734	0.047	ug/L	98
5) Vinyl chloride	1.323	62	8656	0.533	ug/L #	33
8) Chloroethane	1.542	64	147362	14.612	ug/L #	48
12) 1,1-Dichloroethene	2.127	96	1608	0.135	ug/L #	1
13) Acetone	2.217	43	11855	9.591	ug/L	69
14) Carbon disulfide	2.307	76	11486	0.392	ug/L	98
15) Methyl Acetate	2.458	43	19170	6.464	ug/L	96
17) Methyl tert-butyl Ether	2.786	73	8945	0.438	ug/L	95
18) trans-1,2-Dichloroethene	2.777	96	1449	0.126	ug/L	90
21) 2-Butanone	4.021	43	1654	1.034	ug/L	85
22) cis-1,2-Dichloroethene	3.934	96	7876	0.675	ug/L	100
27) 1,2-Dichloroethane	5.050	62	1236	0.114	ug/L #	71
34) Trichloroethene	5.928	95	3422	0.268	ug/L #	85
35) Methylcyclohexane	6.075	83	17441	0.988	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	7083	0.579	ug/L #	88
42) Toluene	7.397	91	11160	0.227	ug/L	98
44) trans-1,3-Dichloropropene	7.632	75	936	0.084	ug/L	95
53) m,p-Xylene	9.143	106	1293	0.067	ug/L	99
61) 1,2,3-Trichloropropane	11.249	75	9058	1.842	ug/L #	64

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061622\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 17 06:57:04 2022
Response via : Initial Calibration

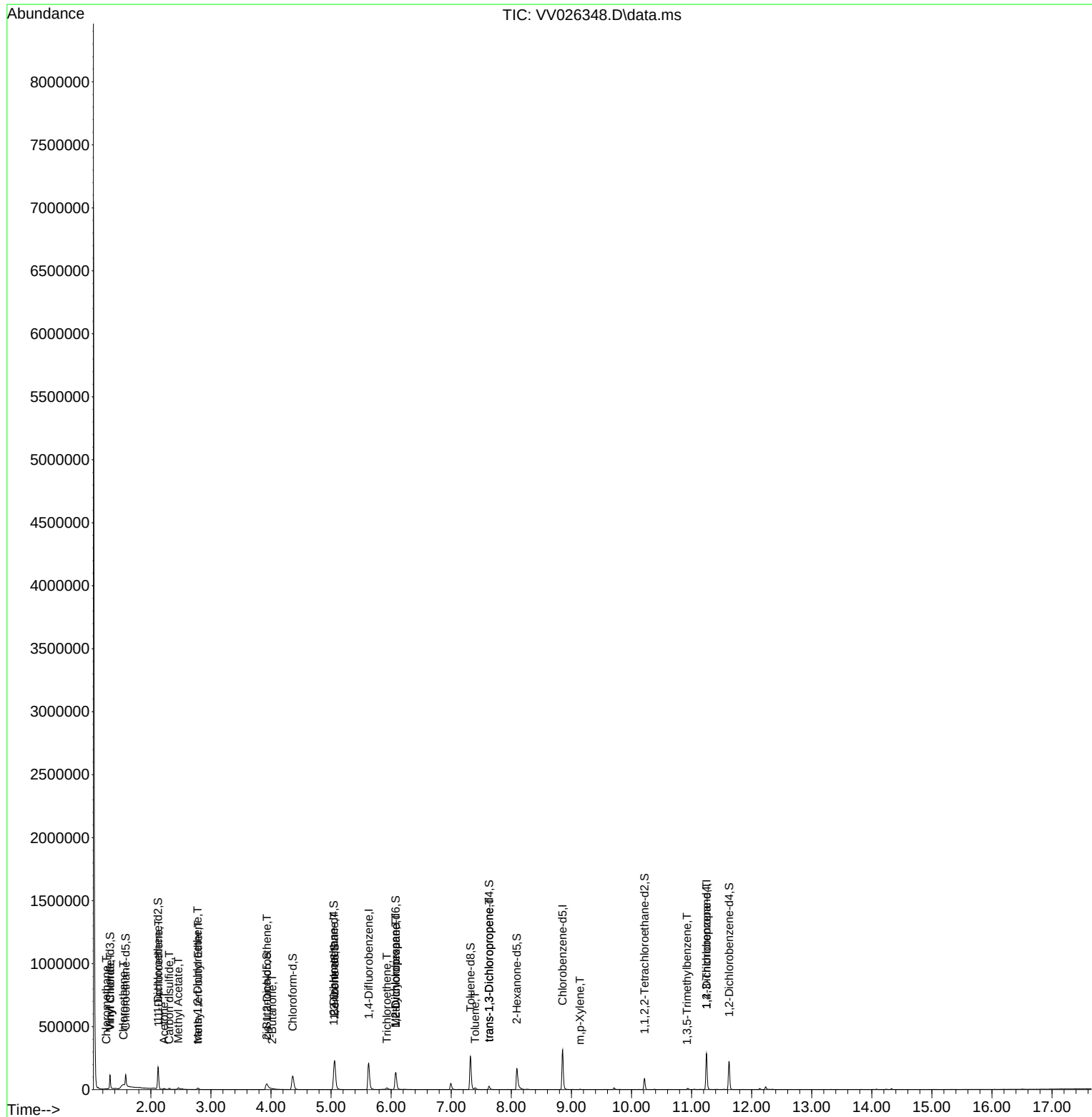
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	10.924	105	1169	0.036	ug/L	95

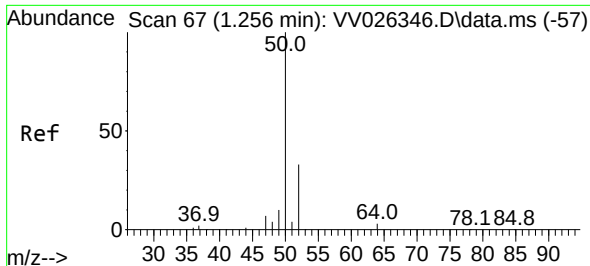
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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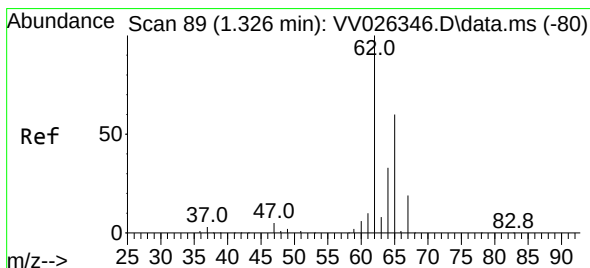
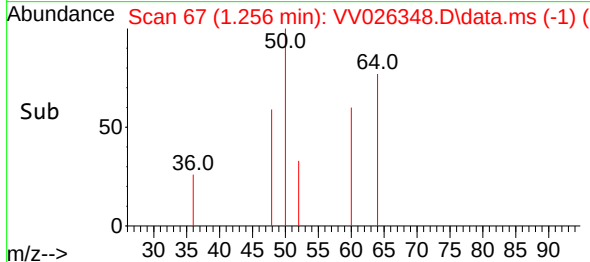
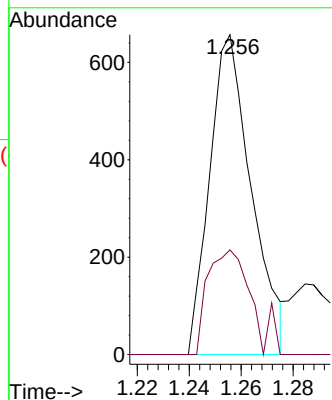
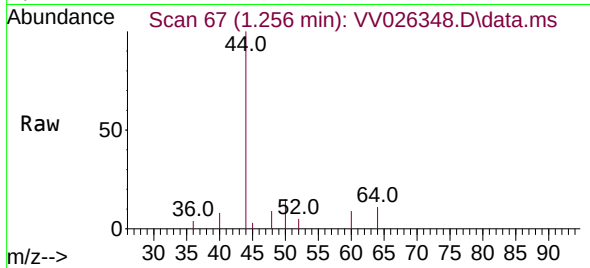




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.256 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026348.D
Acq: 16 Jun 2022 21:41

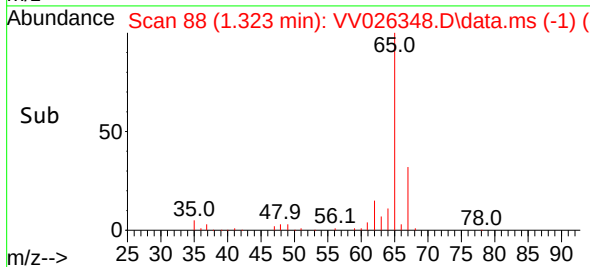
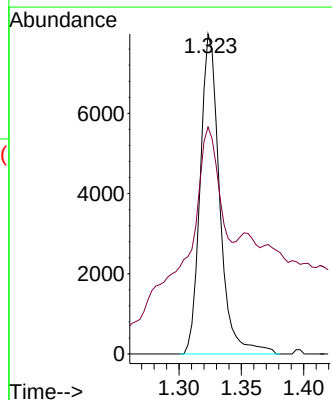
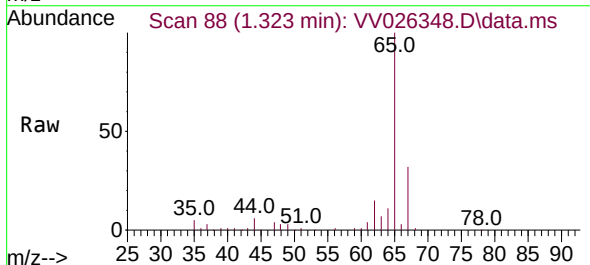
Instrument :
MSVOA_V
ClientSampleId :
BGJ55

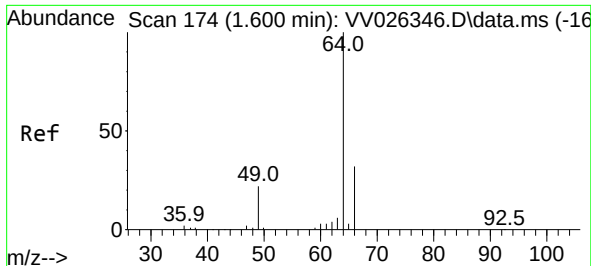
Tgt Ion: 50 Resp: 734
Ion Ratio Lower Upper
50 100
52 32.7 23.7 44.1



#5
Vinyl chloride
Concen: 0.533 ug/L
RT: 1.323 min Scan# 88
Delta R.T. -0.003 min
Lab File: VV026348.D
Acq: 16 Jun 2022 21:41

Tgt Ion: 62 Resp: 8656
Ion Ratio Lower Upper
62 100
64 70.9 23.2 43.2#

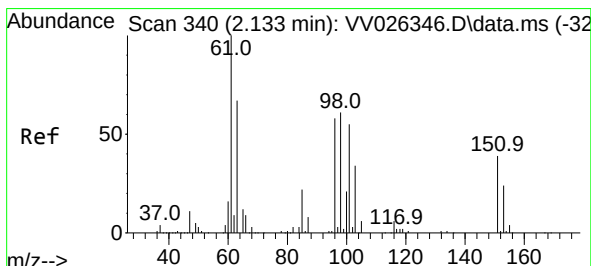
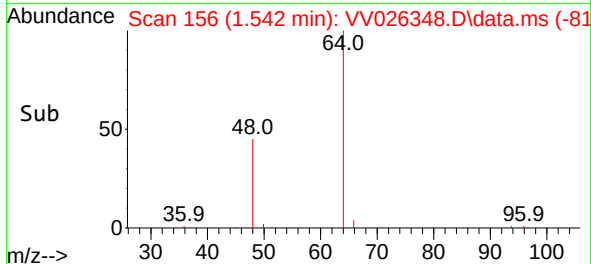
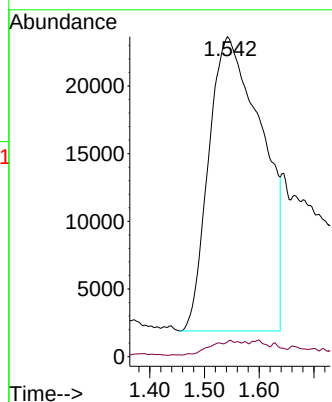
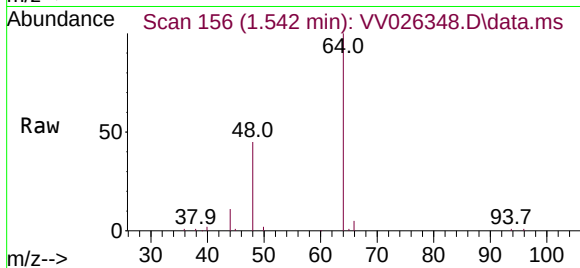




#8
Chloroethane
Concen: 14.612 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV026348.D
Acq: 16 Jun 2022 21:41

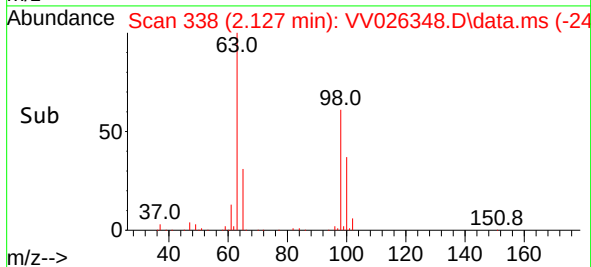
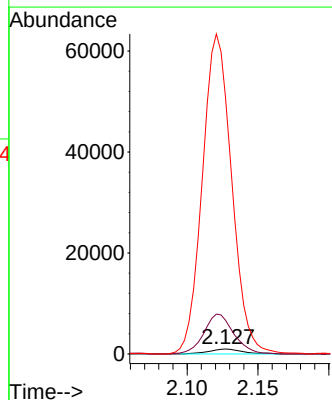
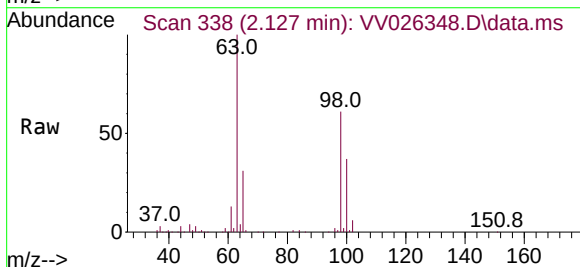
Instrument :
MSVOA_V
ClientSampleId :
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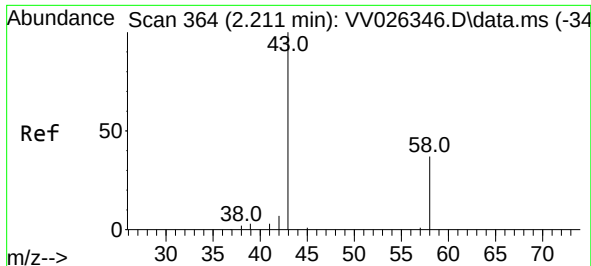
Tgt Ion: 64 Resp: 147362
Ion Ratio Lower Upper
64 100
66 4.6 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 0.135 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.006 min
Lab File: VV026348.D
Acq: 16 Jun 2022 21:41

Tgt Ion: 96 Resp: 1608
Ion Ratio Lower Upper
96 100
61 684.6 117.1 217.5#
63 5193.9 92.8 172.4#





#13

Acetone

Concen: 9.591 ug/L

RT: 2.217 min Scan# 30

Delta R.T. 0.006 min

Lab File: VV026348.D

Acq: 16 Jun 2022 21:41

Instrument :

MSVOA_V

ClientSampleId :

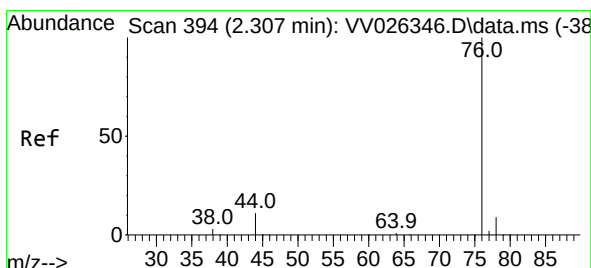
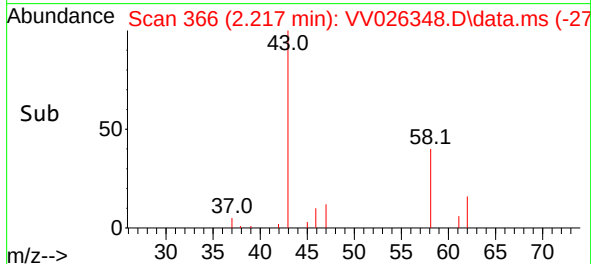
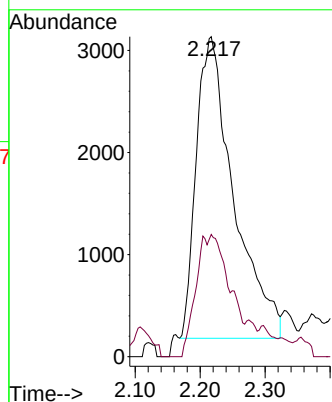
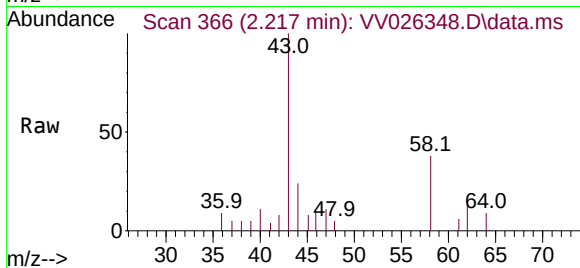
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Tgt Ion: 43 Resp: 11855

Ion Ratio Lower Upper

43 100

58 13.2 0.0 60.0



#14

Carbon disulfide

Concen: 0.392 ug/L

RT: 2.307 min Scan# 394

Delta R.T. -0.000 min

Lab File: VV026348.D

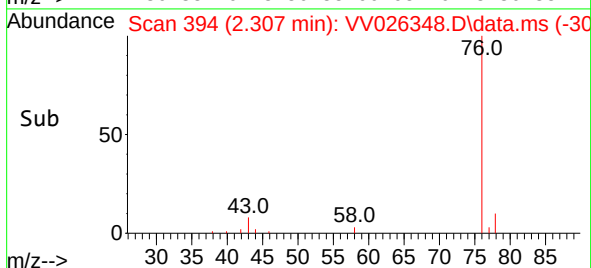
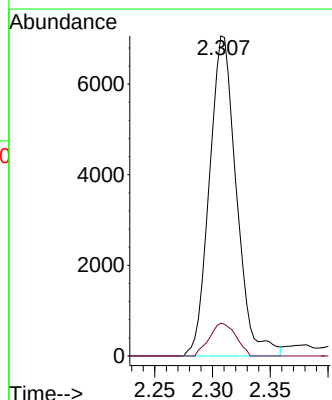
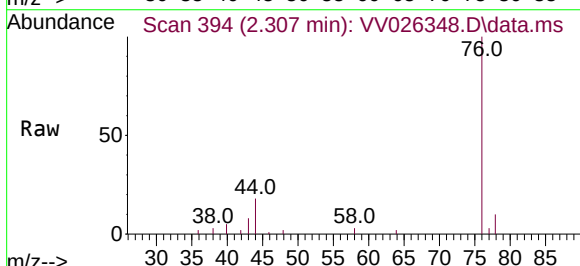
Acq: 16 Jun 2022 21:41

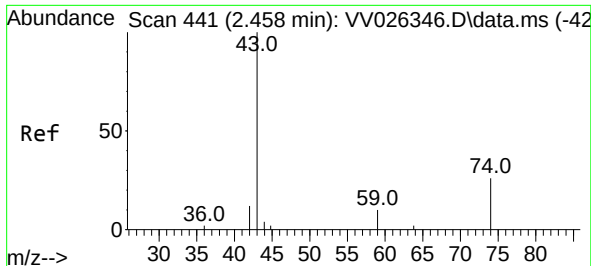
Tgt Ion: 76 Resp: 11486

Ion Ratio Lower Upper

76 100

78 10.3 7.7 11.5

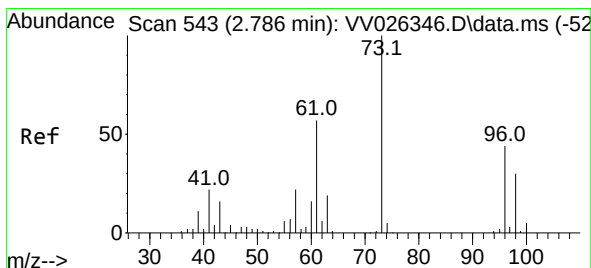
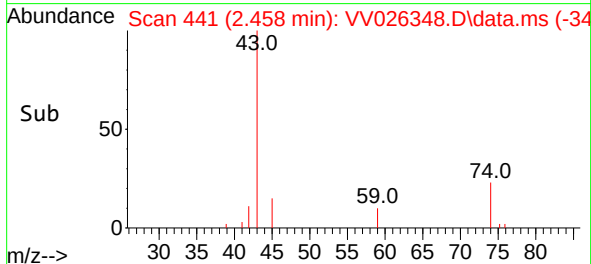
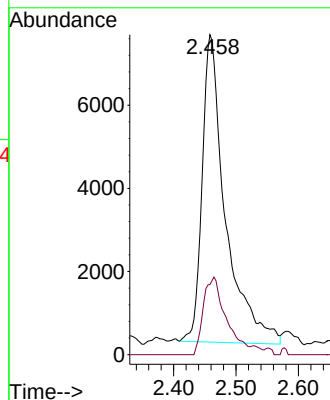
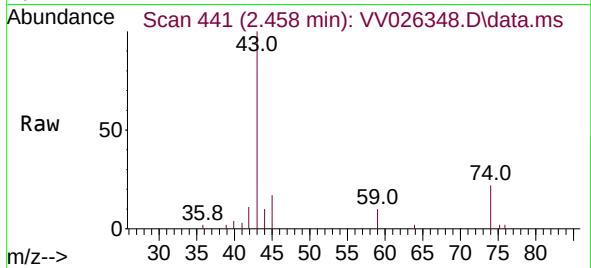




#15
Methyl Acetate
Concen: 6.464 ug/L
RT: 2.458 min Scan# 441
Delta R.T. -0.000 min
Lab File: VV026348.D
Acq: 16 Jun 2022 21:41

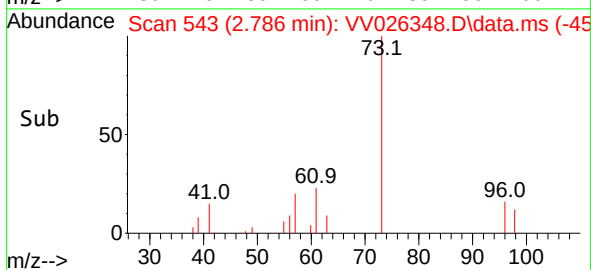
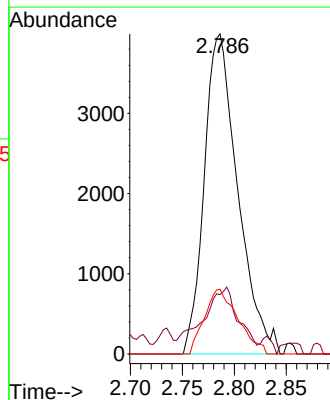
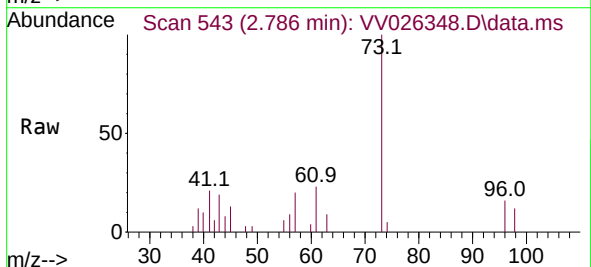
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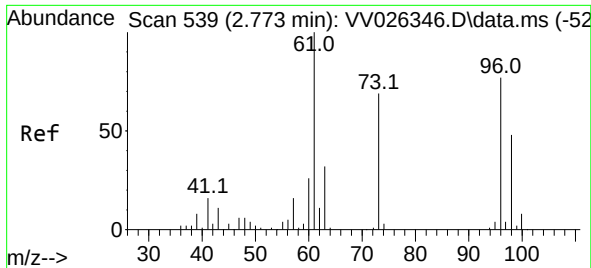
Tgt Ion: 43 Resp: 19170
Ion Ratio Lower Upper
43 100
74 24.5 21.4 32.0



#17
Methyl tert-butyl Ether
Concen: 0.438 ug/L
RT: 2.786 min Scan# 543
Delta R.T. -0.000 min
Lab File: VV026348.D
Acq: 16 Jun 2022 21:41

Tgt Ion: 73 Resp: 8945
Ion Ratio Lower Upper
73 100
43 19.0 13.0 19.6
57 20.2 17.6 26.4

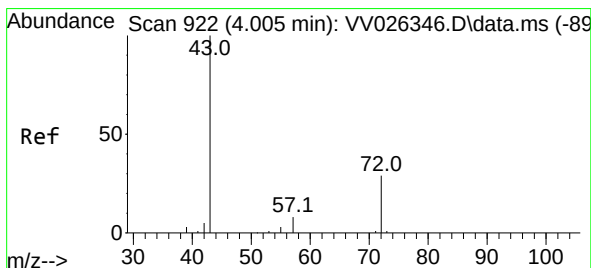
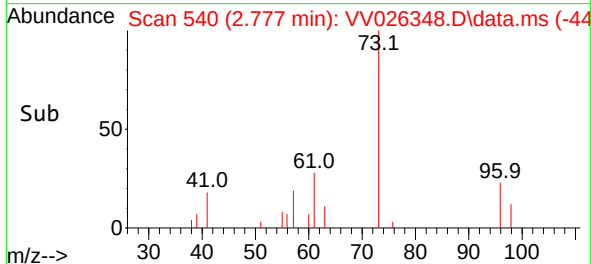
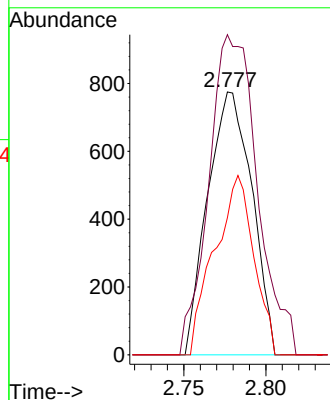
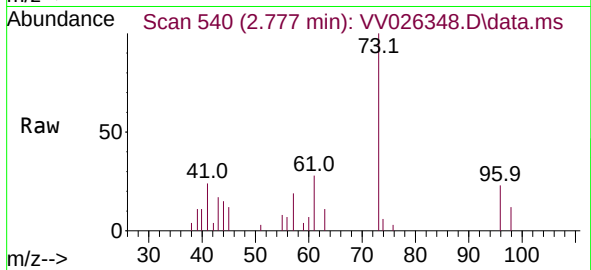




#18
trans-1,2-Dichloroethene
Concen: 0.126 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.003 min
Lab File: VV026348.D
Acq: 16 Jun 2022 21:41

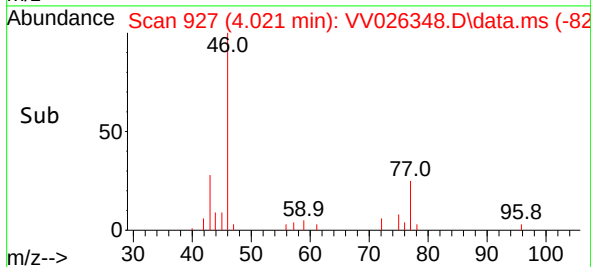
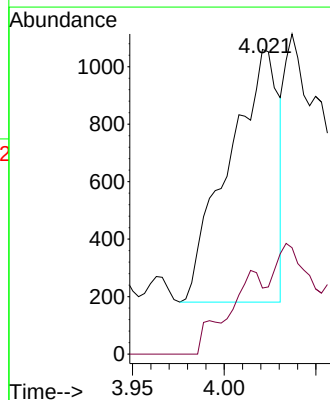
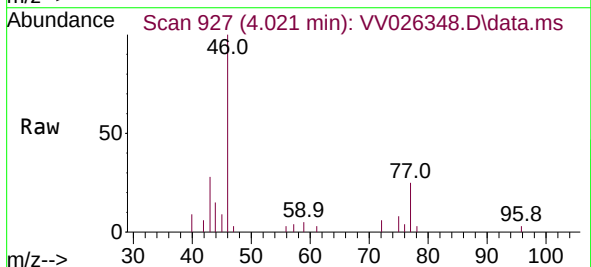
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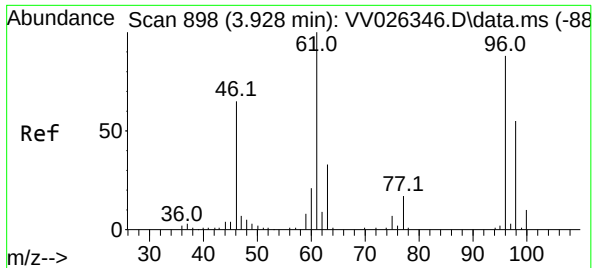
Tgt Ion: 96 Resp: 1449
Ion Ratio Lower Upper
96 100
61 121.8 91.3 169.6
98 52.1 45.3 84.1



#21
2-Butanone
Concen: 1.034 ug/L
RT: 4.021 min Scan# 927
Delta R.T. 0.016 min
Lab File: VV026348.D
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Tgt Ion: 43 Resp: 1654
Ion Ratio Lower Upper
43 100
72 17.9 12.7 38.0

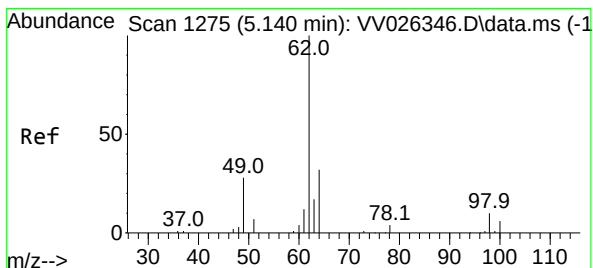
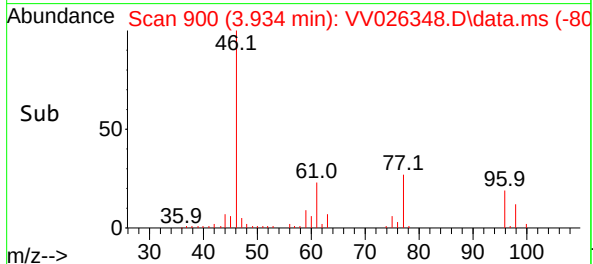
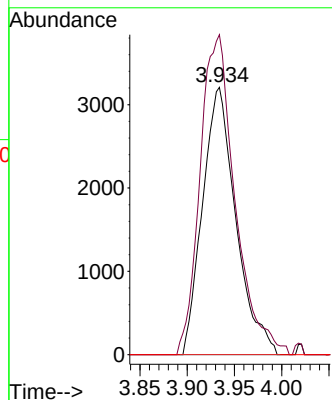
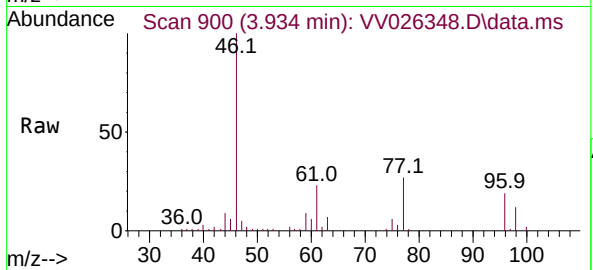




#22
cis-1,2-Dichloroethene
Concen: 0.675 ug/L
RT: 3.934 min Scan# 90
Delta R.T. 0.006 min
Lab File: VV026348.D
Acq: 16 Jun 2022 21:41

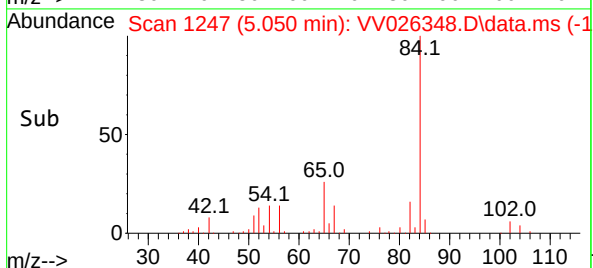
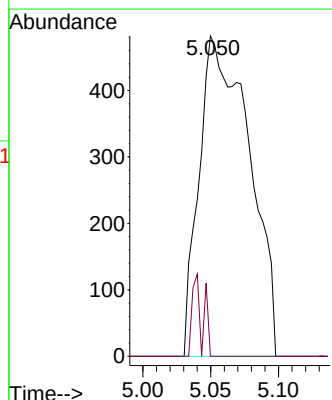
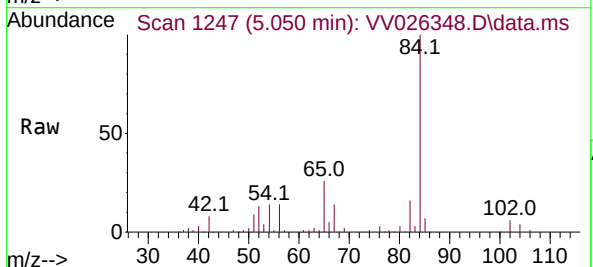
Instrument :
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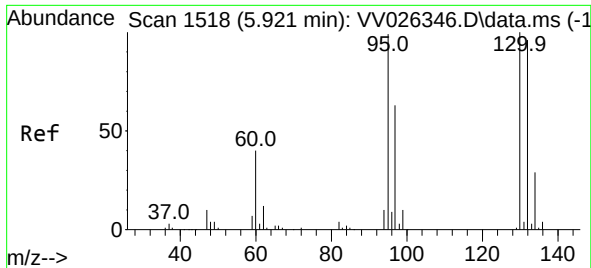
Tgt Ion: 96 Resp: 7876
Ion Ratio Lower Upper
96 100
61 119.7 83.6 155.2
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.114 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.090 min
Lab File: VV026348.D
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Tgt Ion: 62 Resp: 1236
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#



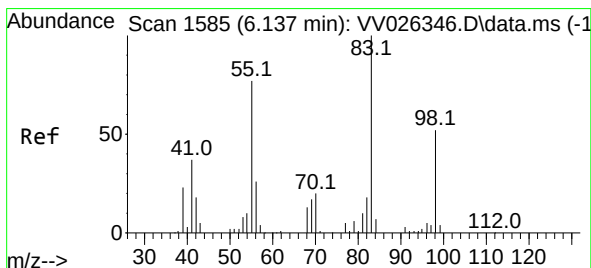
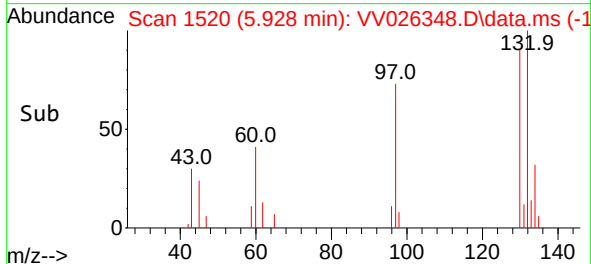
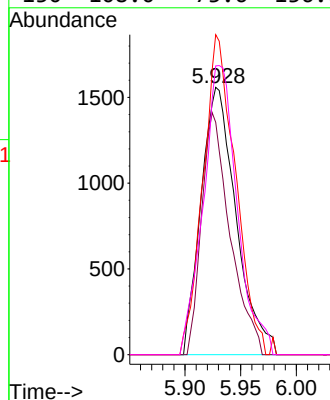
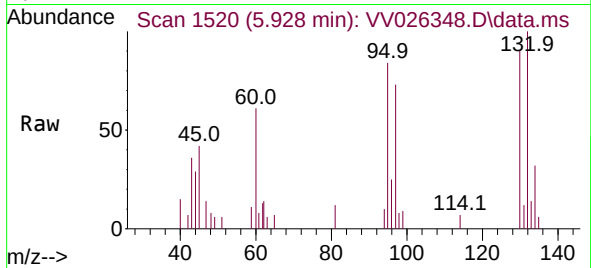


#34
Trichloroethene
Concen: 0.268 ug/L
RT: 5.928 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026348.D
Acq: 16 Jun 2022 21:41

Instrument :
MSVOA_V
ClientSampleId :
BGJ55

Tgt Ion: 95 Resp: 3422

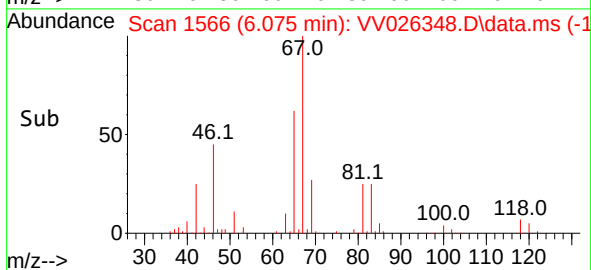
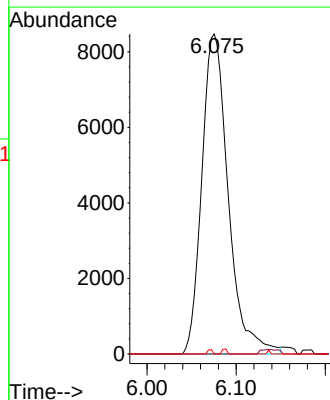
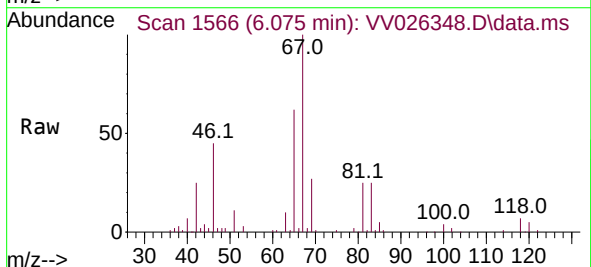
Ion	Ratio	Lower	Upper
95	100		
97	86.9	46.5	86.3#
132	119.7	68.8	127.8
130	108.0	73.6	136.6

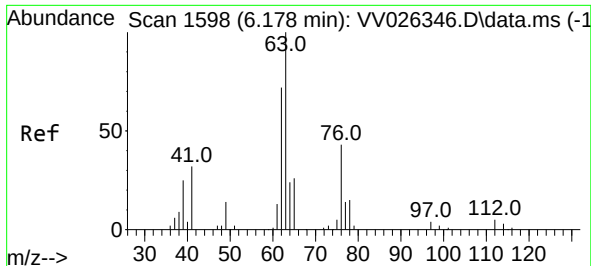


#35
Methylcyclohexane
Concen: 0.988 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.061 min
Lab File: VV026348.D
Acq: 16 Jun 2022 21:41

Tgt Ion: 83 Resp: 17441

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.3	88.9#
98	0.2	39.9	59.9#





#37

1,2-Dichloropropane

Concen: 0.579 ug/L

RT: 6.075 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV026348.D

Acq: 16 Jun 2022 21:41

Instrument :

MSVOA_V

ClientSampleId :

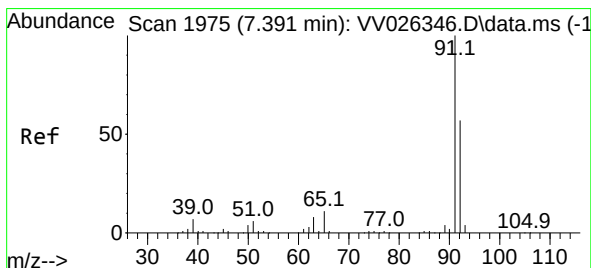
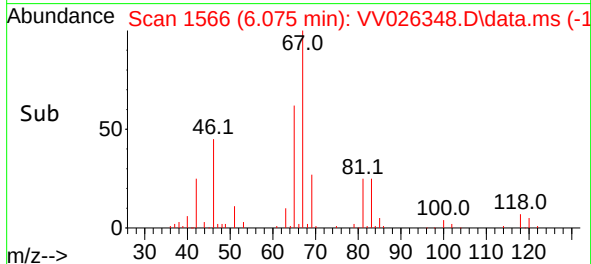
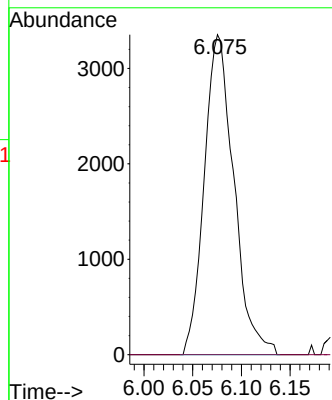
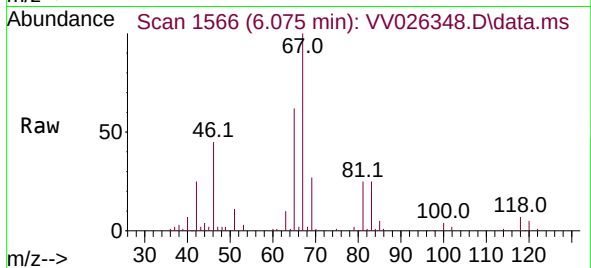
BGJ55

Tgt Ion: 63 Resp: 7083

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#42

Toluene

Concen: 0.227 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VV026348.D

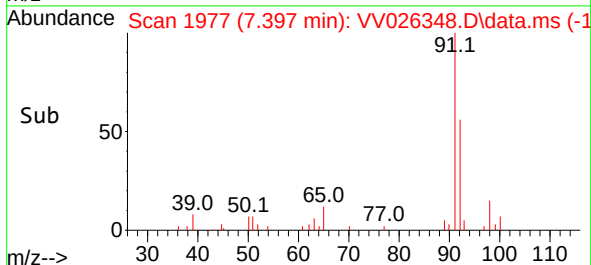
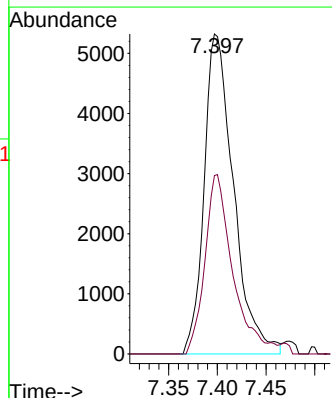
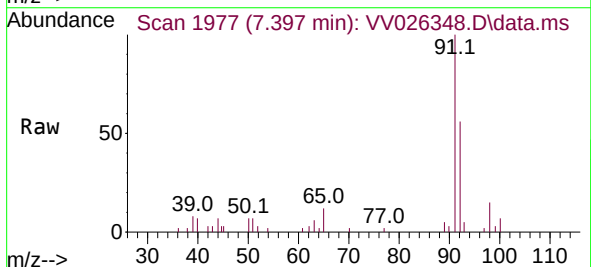
Acq: 16 Jun 2022 21:41

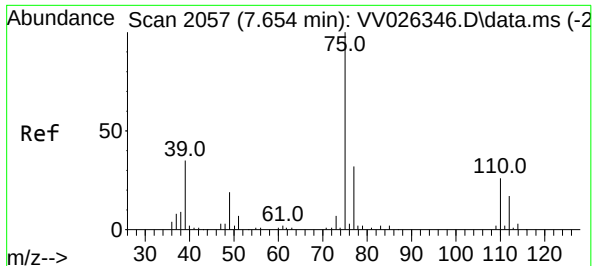
Tgt Ion: 91 Resp: 11160

Ion Ratio Lower Upper

91 100

92 55.8 40.1 74.5

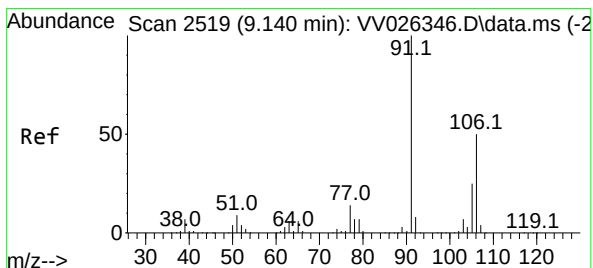
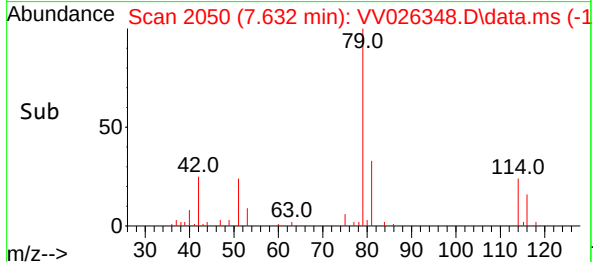
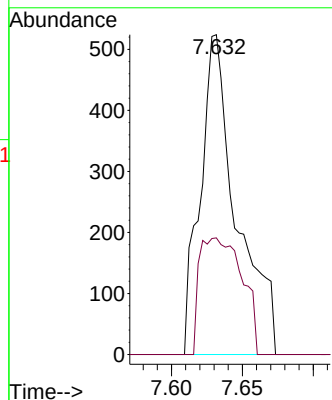
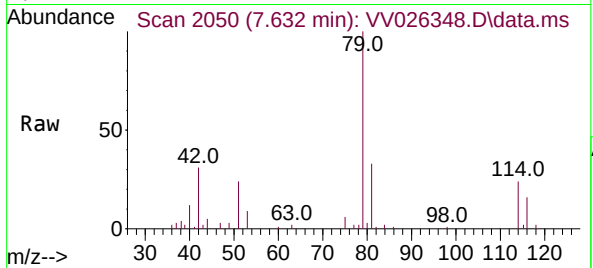




#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.632 min Scan# 2057
Delta R.T. -0.023 min
Lab File: VV026348.D
Acq: 16 Jun 2022 21:41

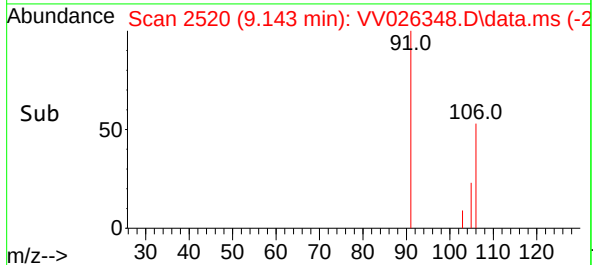
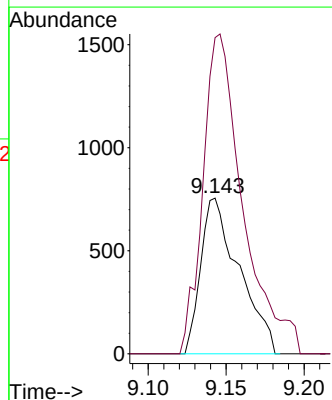
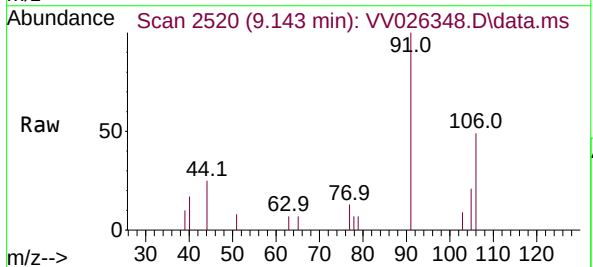
Instrument :
MSVOA_V
ClientSampleId :
BGJ55

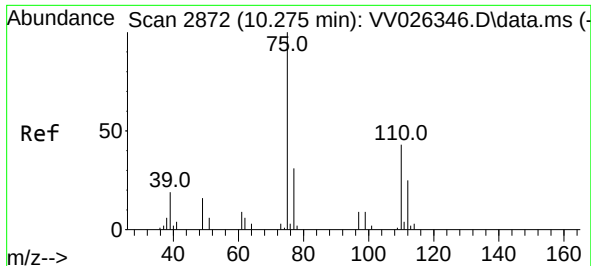
Tgt Ion: 75 Resp: 936
Ion Ratio Lower Upper
75 100
77 36.5 23.7 43.9



#53
m,p-Xylene
Concen: 0.067 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV026348.D
Acq: 16 Jun 2022 21:41

Tgt Ion: 106 Resp: 1293
Ion Ratio Lower Upper
106 100
91 202.9 141.3 262.3

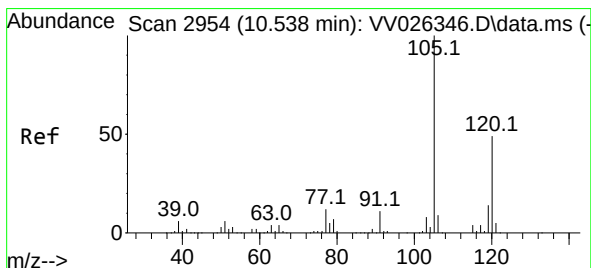
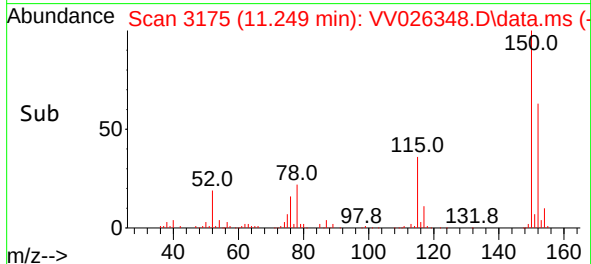
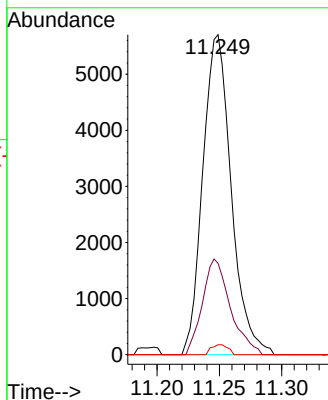
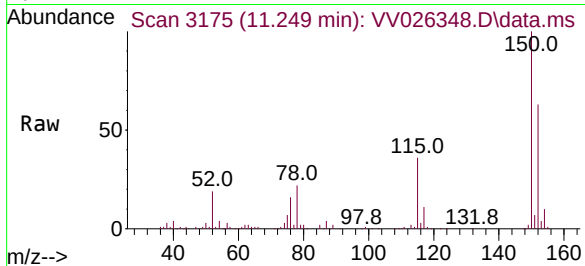




#61
1,2,3-Trichloropropane
Concen: 1.842 ug/L
RT: 11.249 min Scan# 3115
Delta R.T. 0.974 min
Lab File: VV026348.D
Acq: 16 Jun 2022 21:41

Instrument :
MSVOA_V
ClientSampleId :
BGJ55

Tgt Ion: 75 Resp: 9058
Ion Ratio Lower Upper
75 100
77 29.4 26.9 40.3
110 1.8 30.7 46.1#



#62
1,3,5-Trimethylbenzene
Concen: 0.036 ug/L
RT: 10.924 min Scan# 3074
Delta R.T. 0.386 min
Lab File: VV026348.D
Acq: 16 Jun 2022 21:41

Tgt Ion: 105 Resp: 1169
Ion Ratio Lower Upper
105 100
120 46.4 39.9 59.9

