

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011722\
 Data File : VW024381.D
 Acq On : 17 Jan 2022 17:55
 Operator : SY/MD
 Sample : N1115-12ME 10X
 Misc : 6.05g/5.0mL/100uL/5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLS2ME

Quant Time: Jan 18 05:58:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	97795	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	89259	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	45442	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	166872	237.095	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	474.180%#
7) Chloroethane-d5	1.568	69	123604	231.182	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	462.360%#
11) 1,1-Dichloroethene-d2	2.108	63	243848	185.378	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	370.760%#
21) 2-Butanone-d5	3.883	46	251903	642.400	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	642.400%#
24) Chloroform-d	4.346	84	357449	277.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	555.760%#
26) 1,2-Dichloroethane-d4	5.031	65	232559	270.030	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	540.060%#
32) Benzene-d6	5.050	84	722336	310.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	620.220%#
36) 1,2-Dichloropropane-d6	6.069	67	225296	345.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	690.260%#
41) Toluene-d8	7.314	98	678280	300.756	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	601.520%#
43) trans-1,3-Dichloroprop...	7.619	79	112070	298.141	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	596.280%#
47) 2-Hexanone-d5	8.085	63	173641	612.252	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	612.250%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	279403	299.503	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	599.000%#
66) 1,2-Dichlorobenzene-d4	11.622	152	272454	300.797	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	601.600%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.314	62	725	1.034	ug/L #	1
6) Bromomethane	1.529	94	475	1.189	ug/L	93
9) Trichlorofluoromethane	2.111	101	2469	1.958	ug/L #	28
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2469	4.007	ug/L #	16
12) 1,1-Dichloroethene	2.111	96	2656	4.459	ug/L #	1
13) Acetone	2.182	43	4436	11.458	ug/L	96
14) Carbon disulfide	2.294	76	1076	0.622	ug/L #	75
15) Methyl Acetate	2.446	43	765	1.359	ug/L #	60
27) 1,2-Dichloroethane	5.047	62	4567	4.717	ug/L	100
33) Benzene	5.050	78	5483	2.416	ug/L	100
34) Trichloroethene	5.918	95	6735	10.761	ug/L	97
42) Toluene	7.397	91	12511	4.911	ug/L	94
44) trans-1,3-Dichloropropene	7.619	75	4592	5.044	ug/L	86
46) Tetrachloroethene	7.976	164	36728	64.473	ug/L	99
48) 2-Hexanone	8.146	43	16103	28.801	ug/L #	94
57) 1,1,2,2-Tetrachloroethane	10.217	83	928	1.062	ug/L #	1
61) 1,2,3-Trichloropropane	11.249	75	4857	7.279	ug/L #	59
63) 1,2,4-Trimethylbenzene	10.915	105	1747	0.809	ug/L	94
70) 1,2,4-trichlorobenzene	13.271	180	642	0.753	ug/L #	63

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Quant Title : VOC Analysis
QLast Update : Thu Jan 13 02:28:22 2022
Response via : Initial Calibration

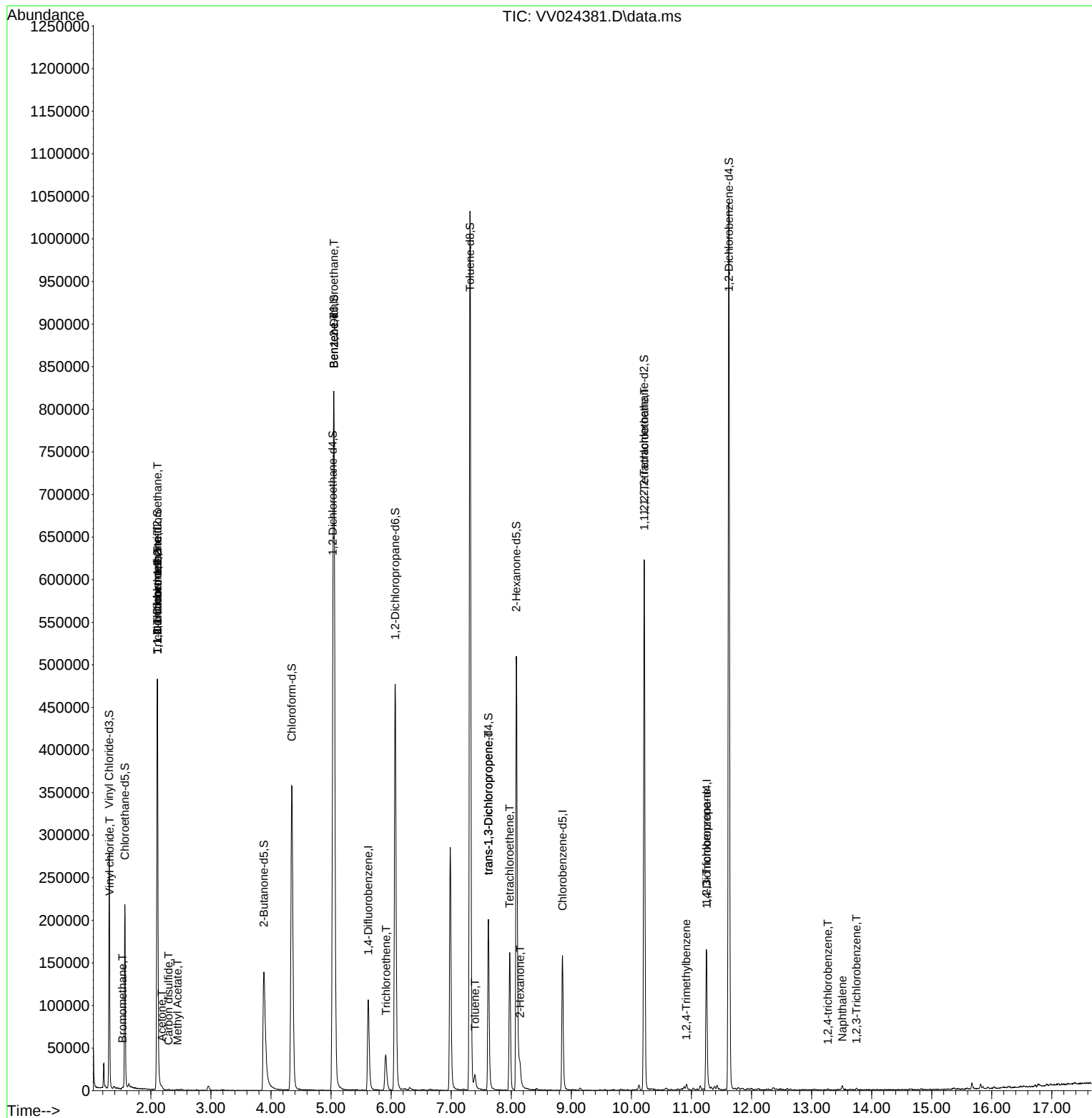
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Naphthalene	13.513	128	4528	1.835	ug/L	97
72) 1,2,3-Trichlorobenzene	13.747	180	769	0.872	ug/L	86

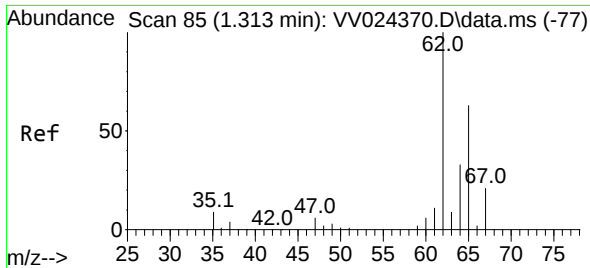
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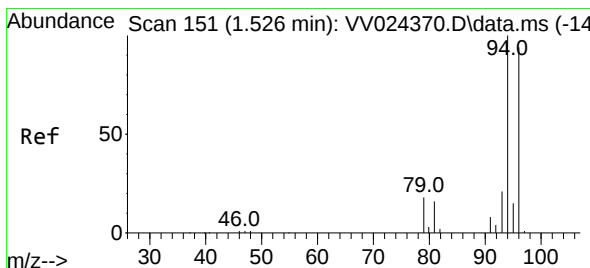
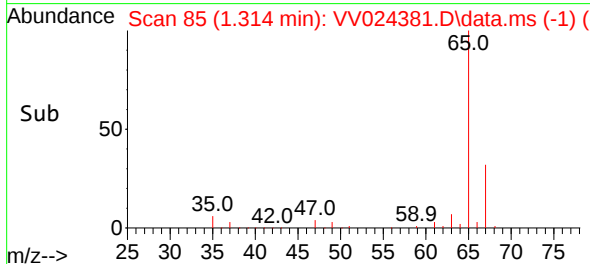
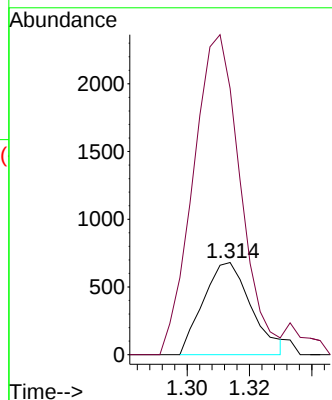
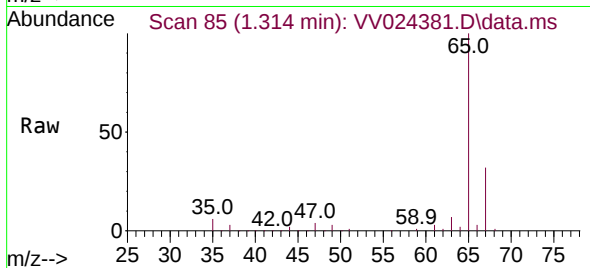




#5
 Vinyl chloride
 Concen: 1.034 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV024381.D
 Acq: 17 Jan 2022 17:55

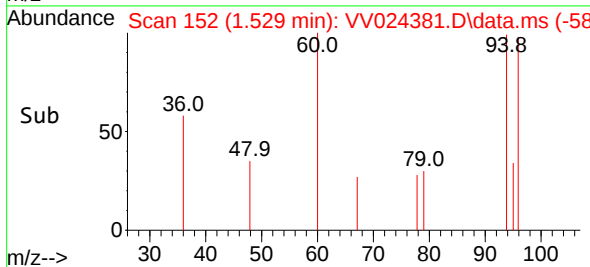
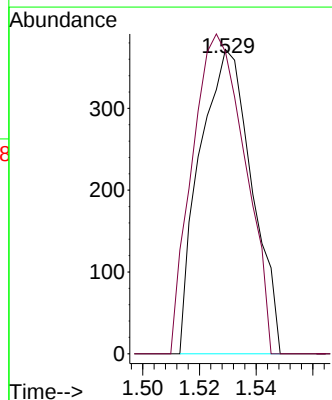
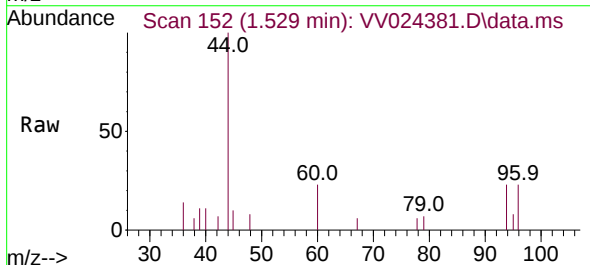
Instrument :
 MSVOA_V
 ClientSampleId :
 BGLS2ME

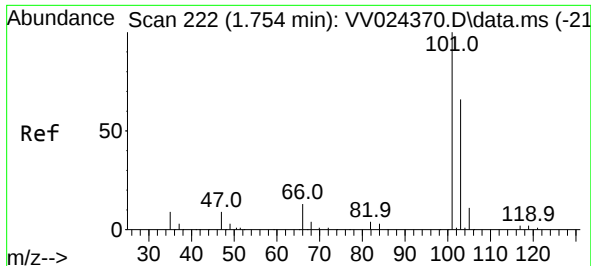
Tgt Ion: 62 Resp: 725
 Ion Ratio Lower Upper
 62 100
 64 288.7 25.0 46.4#



#6
 Bromomethane
 Concen: 1.189 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. 0.003 min
 Lab File: VV024381.D
 Acq: 17 Jan 2022 17:55

Tgt Ion: 94 Resp: 475
 Ion Ratio Lower Upper
 94 100
 96 99.2 65.0 120.6

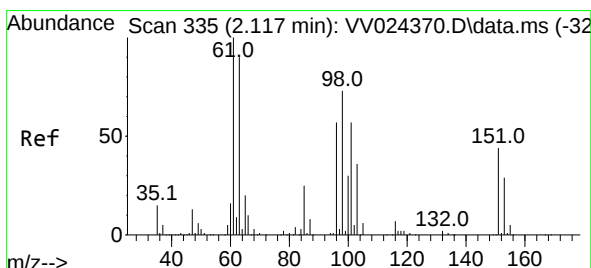
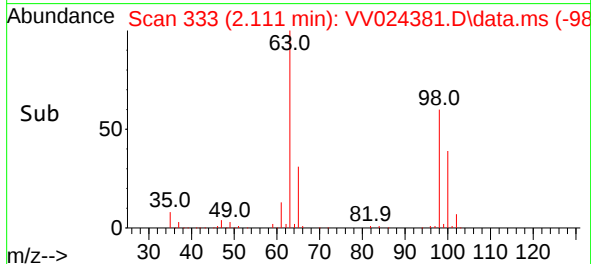
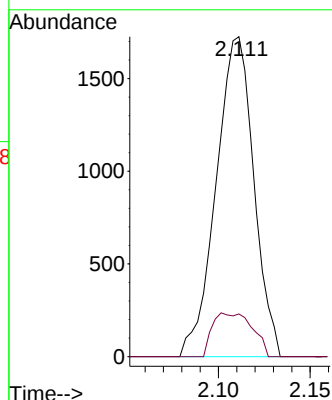
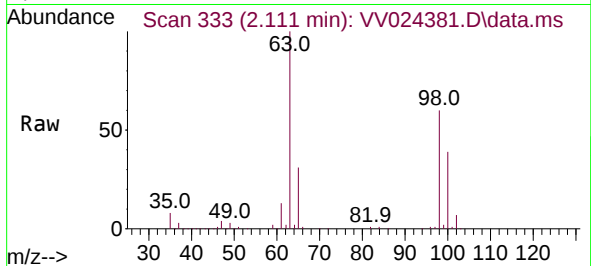




#9
 Trichlorofluoromethane
 Concen: 1.958 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. 0.357 min
 Lab File: VV024381.D
 Acq: 17 Jan 2022 17:55

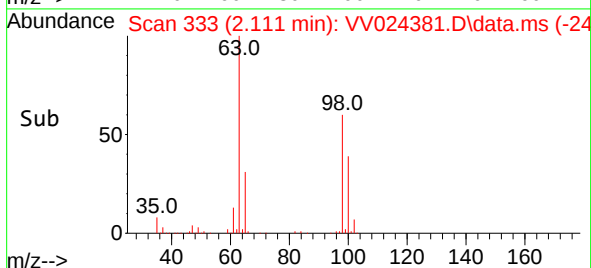
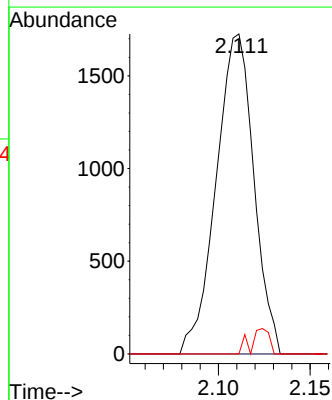
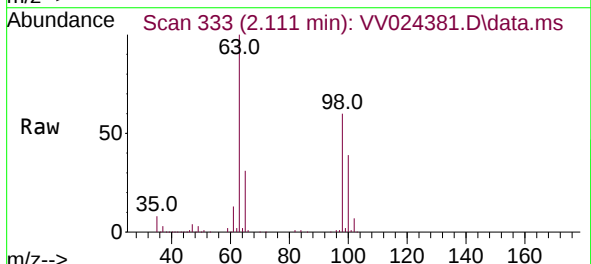
Instrument :
 MSVOA_V
 ClientSampleId :
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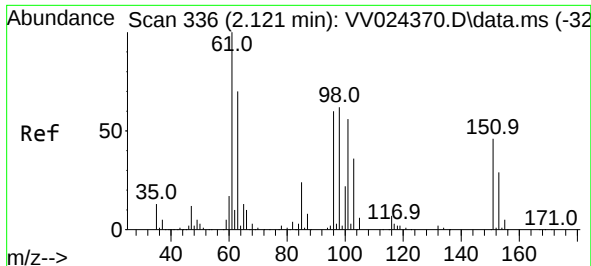
Tgt Ion:101 Resp: 2469
 Ion Ratio Lower Upper
 101 100
 103 7.9 52.0 78.0#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.007 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.010 min
 Lab File: VV024381.D
 Acq: 17 Jan 2022 17:55

Tgt Ion:101 Resp: 2469
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.8 67.1 100.7#





#12

1,1-Dichloroethene

Concen: 4.459 ug/L

RT: 2.111 min Scan# 311

Delta R.T. -0.010 min

Lab File: VV024381.D

Acq: 17 Jan 2022 17:55

Instrument :

MSVOA_V

ClientSampleId :

BGLS2ME

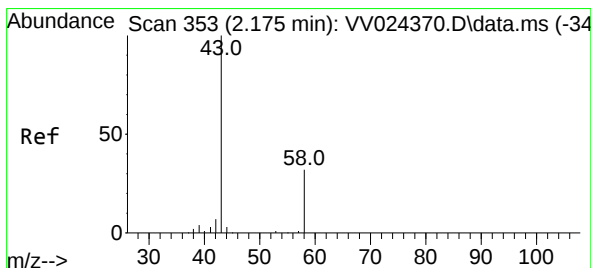
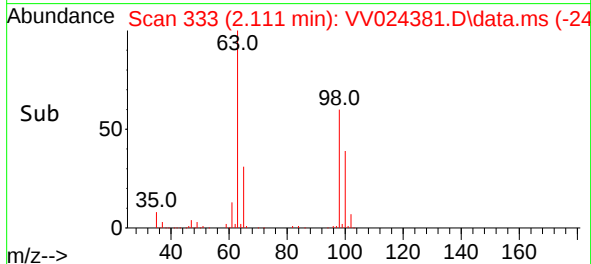
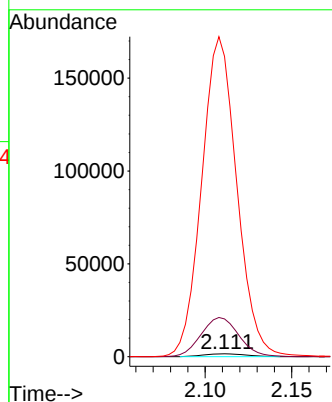
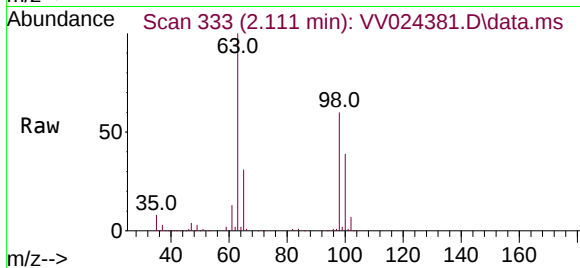
Tgt Ion: 96 Resp: 2656

Ion Ratio Lower Upper

96 100

61 1341.6 111.9 207.9#

63 10665.3 82.7 153.5#



#13

Acetone

Concen: 11.458 ug/L

RT: 2.182 min Scan# 355

Delta R.T. 0.000 min

Lab File: VV024381.D

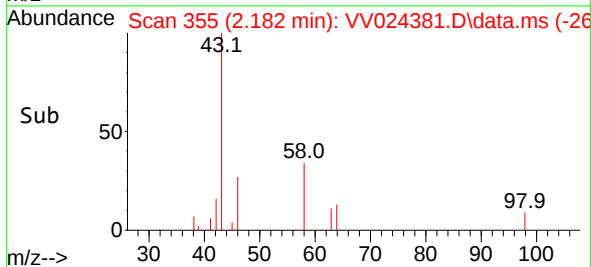
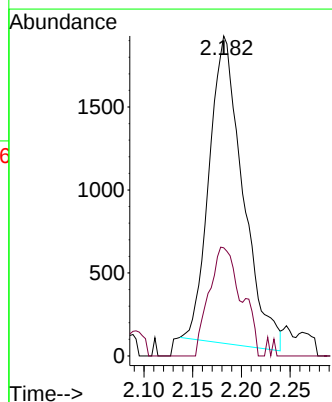
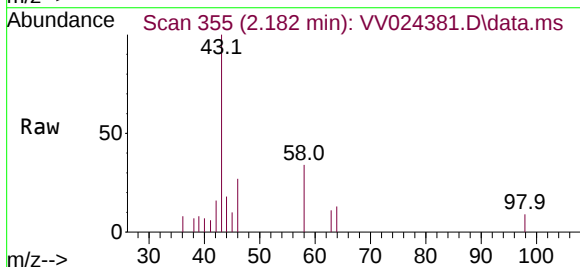
Acq: 17 Jan 2022 17:55

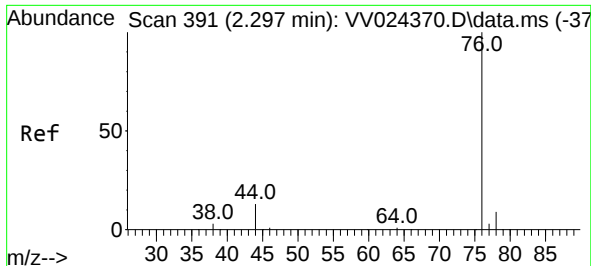
Tgt Ion: 43 Resp: 4436

Ion Ratio Lower Upper

43 100

58 29.0 0.0 63.0

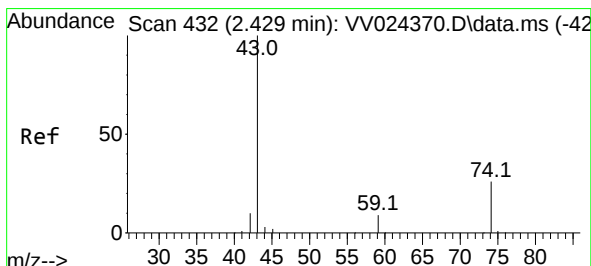
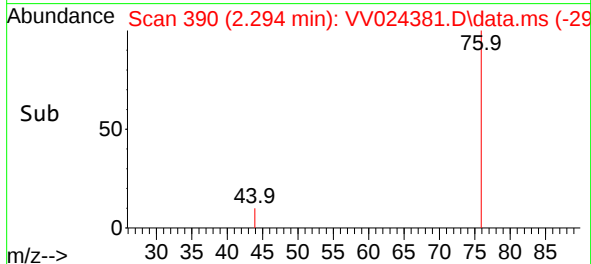
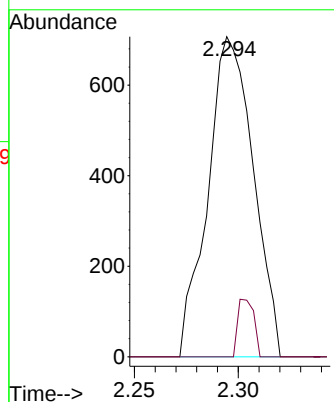
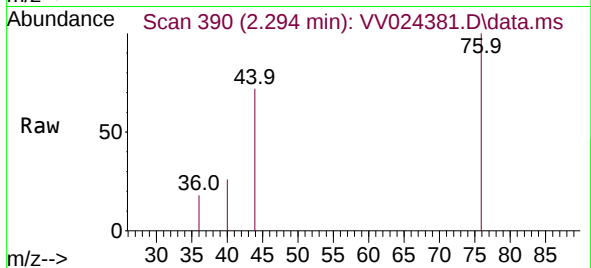




#14
Carbon disulfide
Concen: 0.622 ug/L
RT: 2.294 min Scan# 391
Delta R.T. -0.003 min
Lab File: VV024381.D
Acq: 17 Jan 2022 17:55

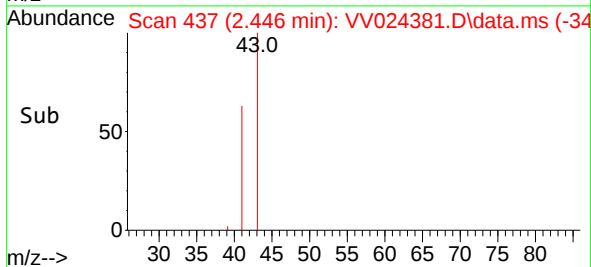
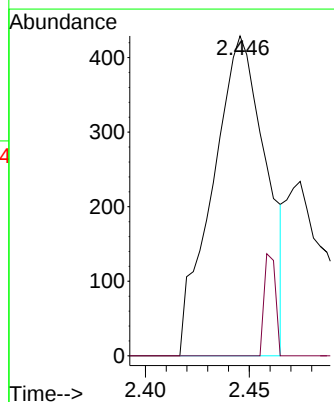
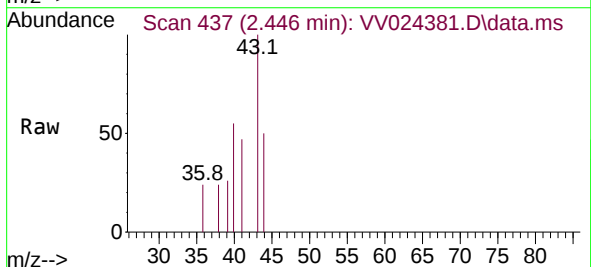
Instrument :
MSVOA_V
ClientSampleId :
BGLS2ME

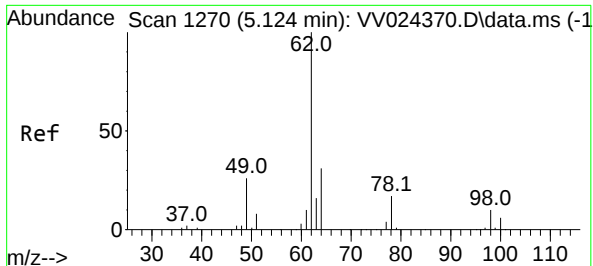
Tgt Ion: 76 Resp: 1076
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#15
Methyl Acetate
Concen: 1.359 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.013 min
Lab File: VV024381.D
Acq: 17 Jan 2022 17:55

Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
74 6.7 21.8 32.8#





#27

1,2-Dichloroethane

Concen: 4.717 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV024381.D

Acq: 17 Jan 2022 17:55

Instrument :

MSVOA_V

ClientSampleId :

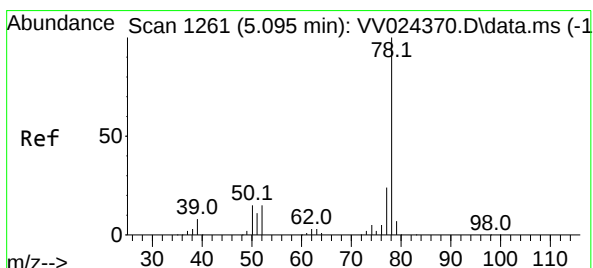
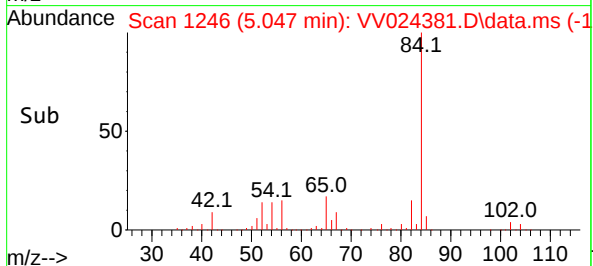
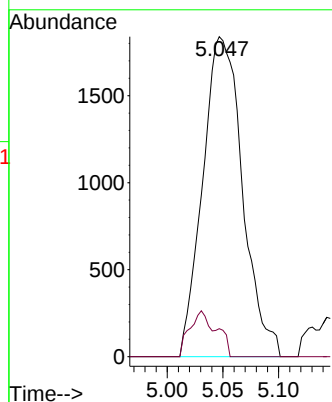
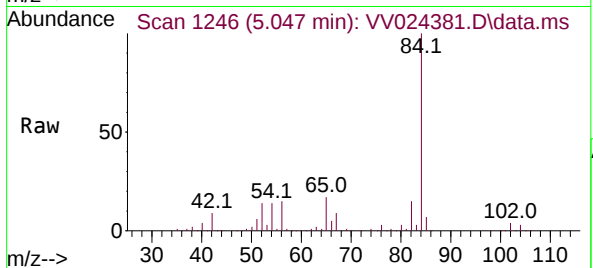
BGLS2ME

Tgt Ion: 62 Resp: 4567

Ion Ratio Lower Upper

62 100

98 8.8 7.1 10.7



#33

Benzene

Concen: 2.416 ug/L

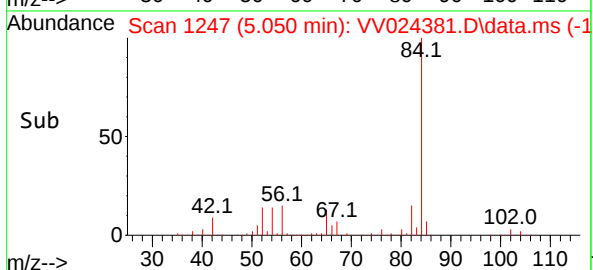
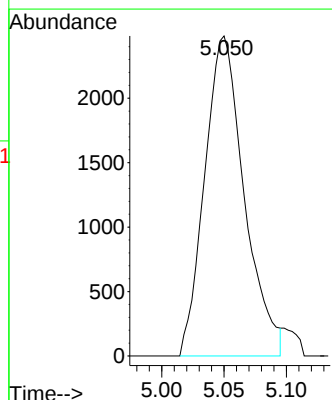
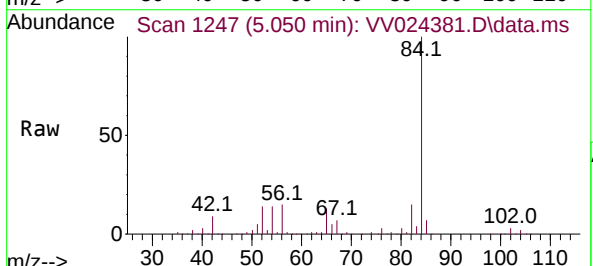
RT: 5.050 min Scan# 1247

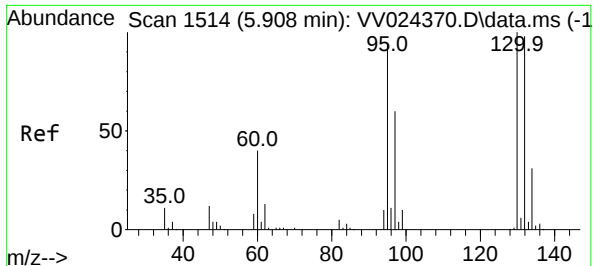
Delta R.T. -0.045 min

Lab File: VV024381.D

Acq: 17 Jan 2022 17:55

Tgt Ion: 78 Resp: 5483

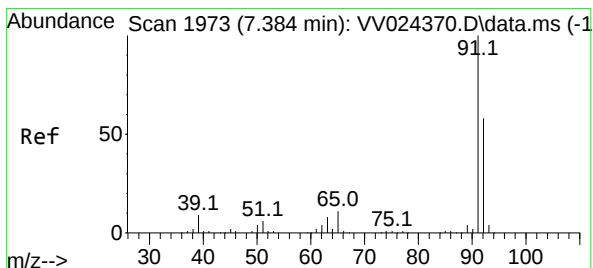
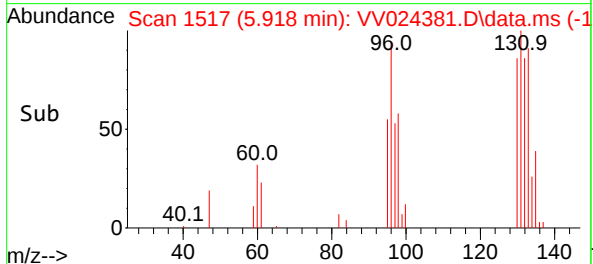
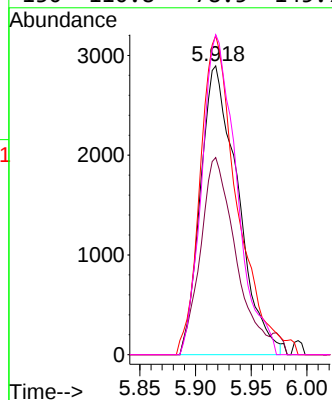
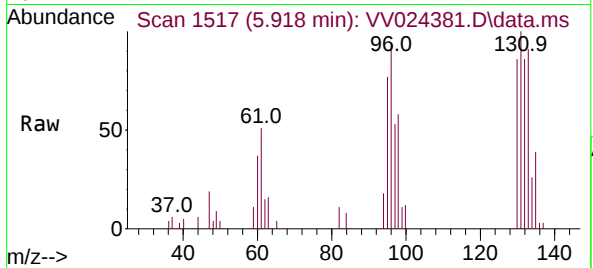




#34
Trichloroethene
Concen: 10.761 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV024381.D
Acq: 17 Jan 2022 17:55

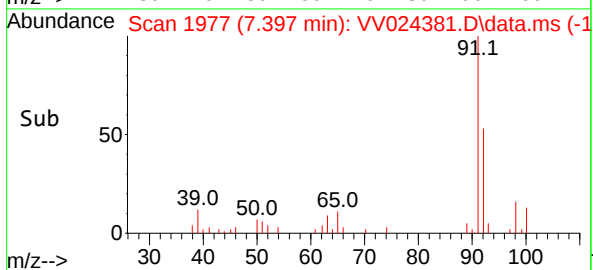
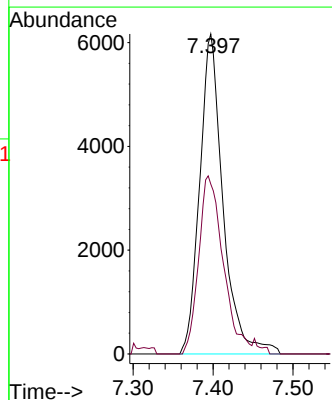
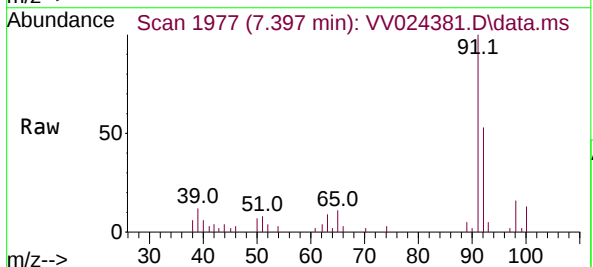
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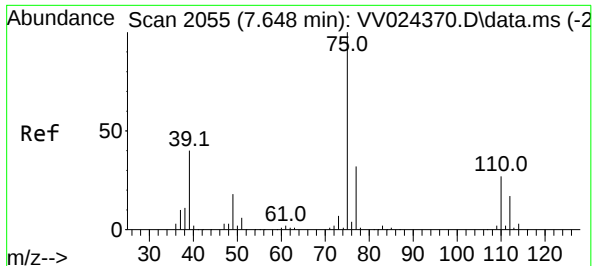
Tgt Ion: 95 Resp: 6735
Ion Ratio Lower Upper
95 100
97 68.3 44.1 81.9
132 110.4 75.1 139.5
130 110.8 78.5 145.7



#42
Toluene
Concen: 4.911 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.013 min
Lab File: VV024381.D
Acq: 17 Jan 2022 17:55

Tgt Ion: 91 Resp: 12511
Ion Ratio Lower Upper
91 100
92 53.1 40.4 75.0

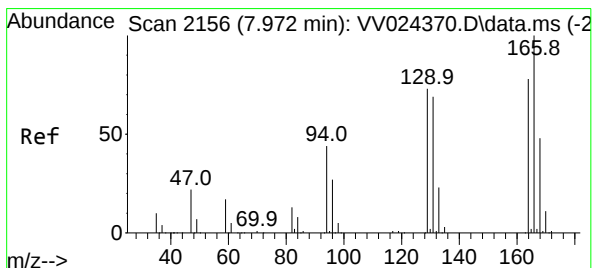
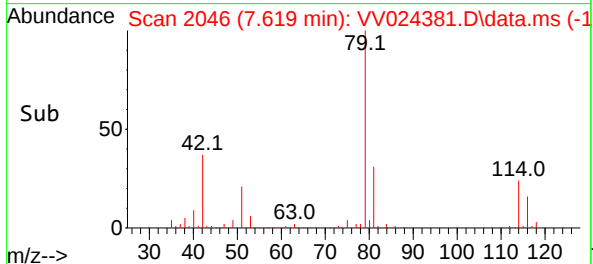
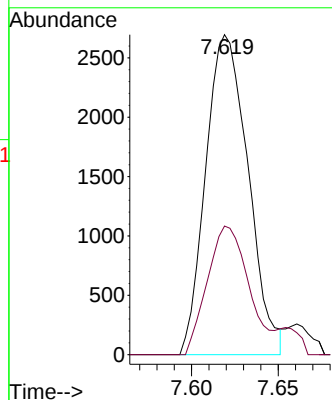
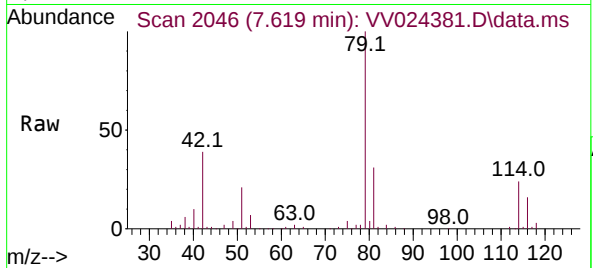




#44
trans-1,3-Dichloropropene
Concen: 5.044 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.029 min
Lab File: VV024381.D
Acq: 17 Jan 2022 17:55

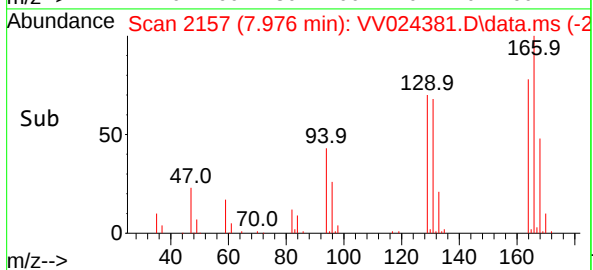
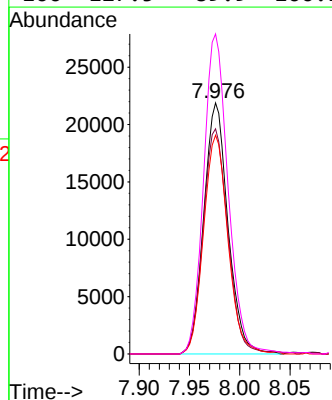
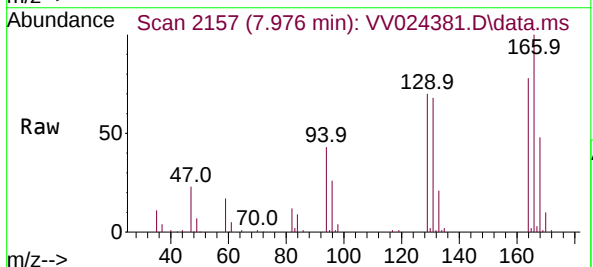
Instrument :
MSVOA_V
ClientSampleId :
BGLS2ME

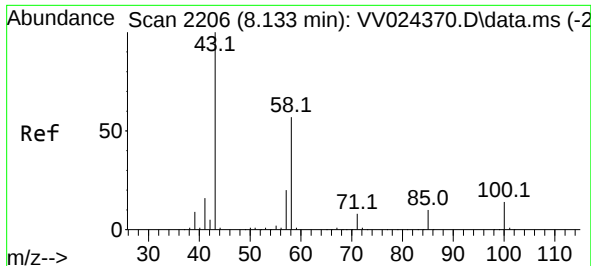
Tgt Ion: 75 Resp: 4592
Ion Ratio Lower Upper
75 100
77 40.2 22.7 42.1



#46
Tetrachloroethene
Concen: 64.473 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024381.D
Acq: 17 Jan 2022 17:55

Tgt Ion:164 Resp: 36728
Ion Ratio Lower Upper
164 100
129 89.7 61.5 114.1
131 87.1 62.2 115.4
166 127.5 89.9 166.9





#48

2-Hexanone

Concen: 28.801 ug/L

RT: 8.146 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV024381.D

Acq: 17 Jan 2022 17:55

Instrument :

MSVOA_V

ClientSampleId :

BGLS2ME

Tgt Ion: 43 Resp: 16103

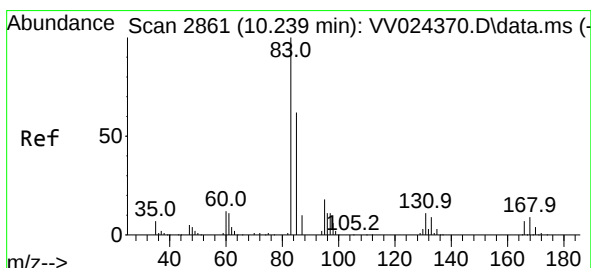
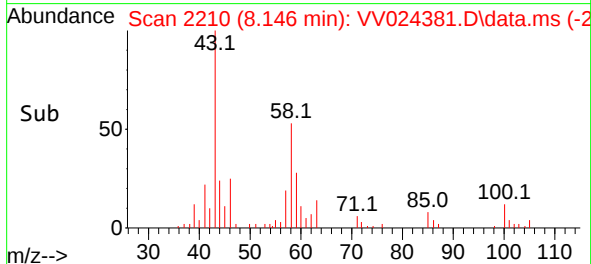
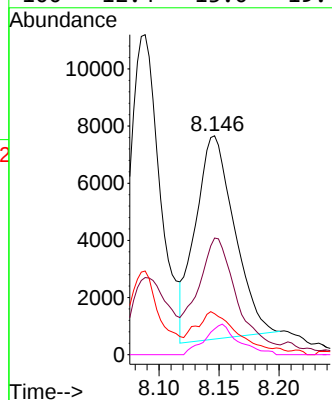
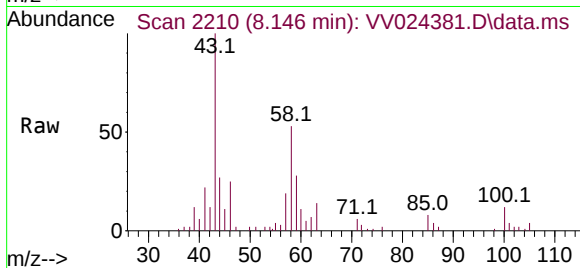
Ion Ratio Lower Upper

43 100

58 59.6 45.0 67.4

57 18.4 16.9 25.3

100 12.4 13.0 19.4#



#57

1,1,2,2-Tetrachloroethane

Concen: 1.062 ug/L

RT: 10.217 min Scan# 2854

Delta R.T. -0.022 min

Lab File: VV024381.D

Acq: 17 Jan 2022 17:55

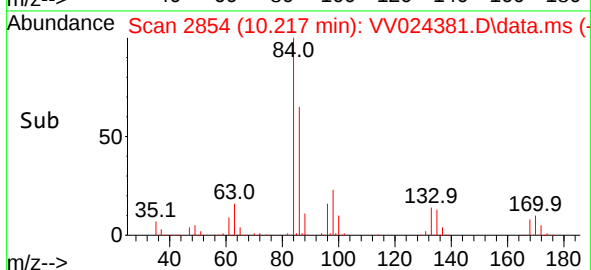
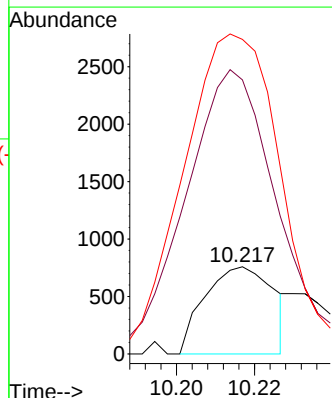
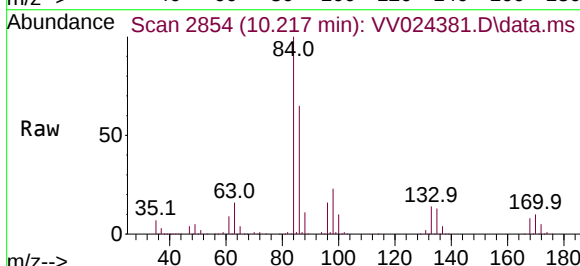
Tgt Ion: 83 Resp: 928

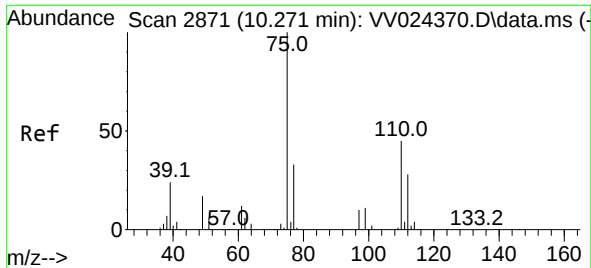
Ion Ratio Lower Upper

83 100

85 314.8 44.5 82.7#

131 361.1 9.2 13.8#





#61

1,2,3-Trichloropropane

Concen: 7.279 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV024381.D

Acq: 17 Jan 2022 17:55

Instrument :

MSVOA_V

ClientSampleId :

BGLS2ME

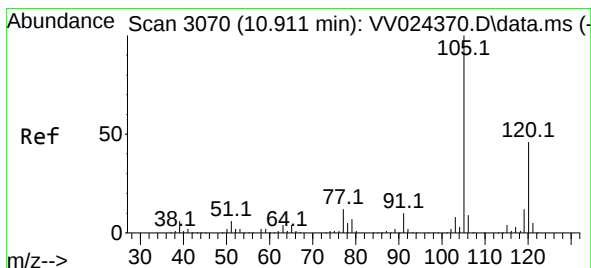
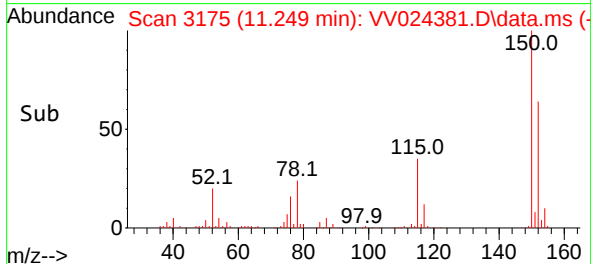
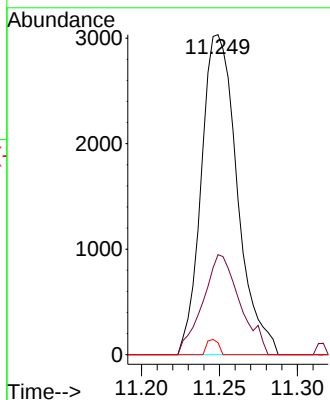
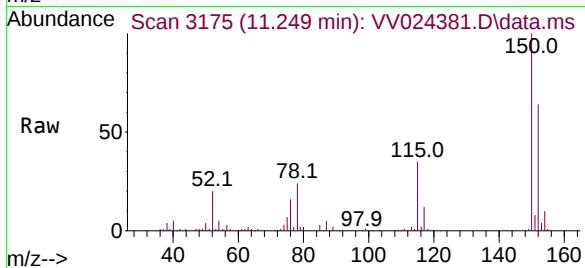
Tgt Ion: 75 Resp: 4857

Ion Ratio Lower Upper

75 100

77 30.9 26.9 40.3

110 1.5 37.1 55.7#



#63

1,2,4-Trimethylbenzene

Concen: 0.809 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV024381.D

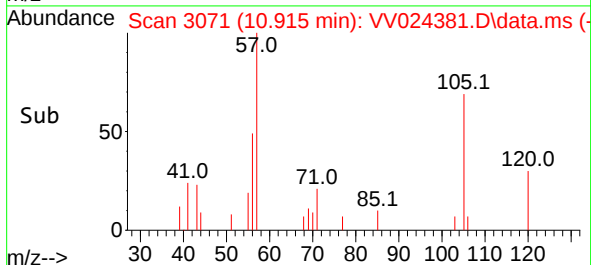
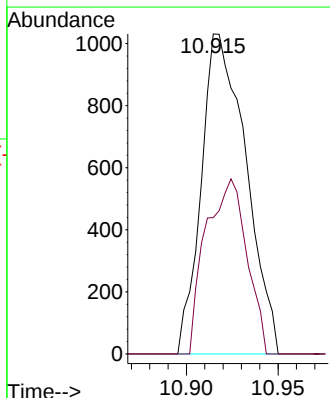
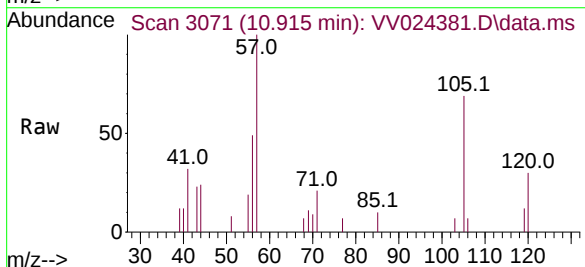
Acq: 17 Jan 2022 17:55

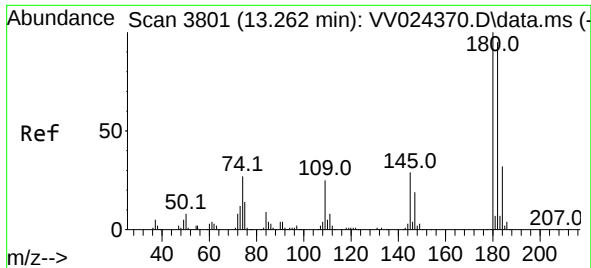
Tgt Ion: 105 Resp: 1747

Ion Ratio Lower Upper

105 100

120 50.1 36.6 55.0

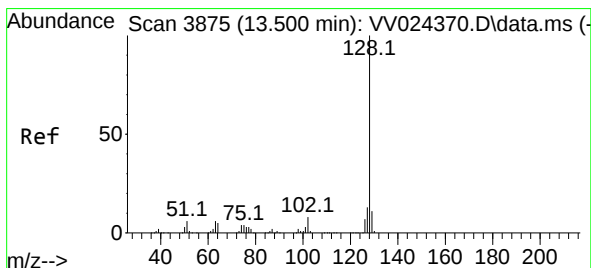
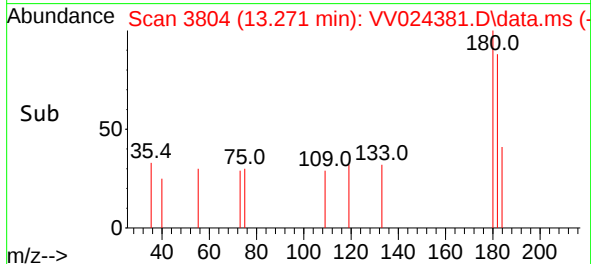
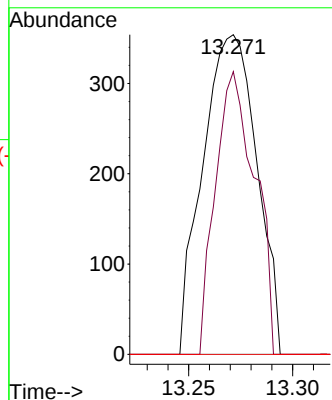
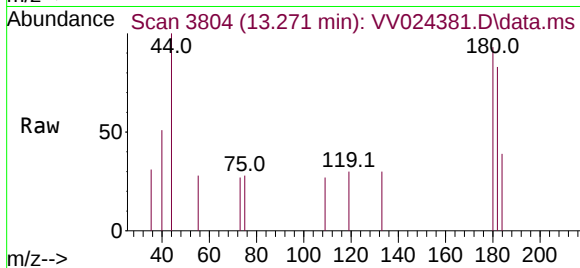




#70
1,2,4-trichlorobenzene
Concen: 0.753 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.010 min
Lab File: VV024381.D
Acq: 17 Jan 2022 17:55

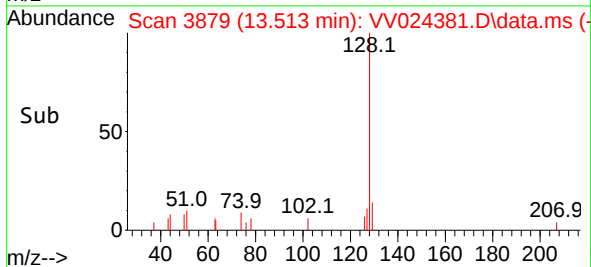
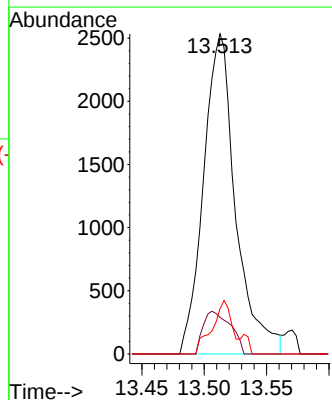
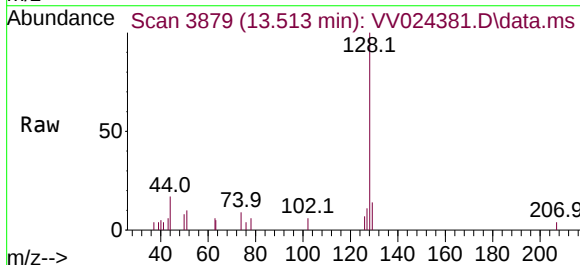
Instrument :
MSVOA_V
ClientSampleId :
BGLS2ME

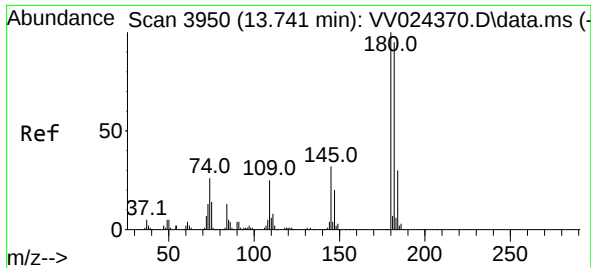
Tgt Ion:180 Resp: 642
Ion Ratio Lower Upper
180 100
182 64.5 75.6 113.4#
145 0.0 23.9 35.9#



#71
Naphthalene
Concen: 1.835 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV024381.D
Acq: 17 Jan 2022 17:55

Tgt Ion:128 Resp: 4528
Ion Ratio Lower Upper
128 100
127 11.4 10.6 16.0
129 10.5 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 0.872 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.003 min
 Lab File: VV024381.D
 Acq: 17 Jan 2022 17:55

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLS2ME

Tgt Ion:	180	Resp:	769
Ion	Ratio	Lower	Upper
180	100		
182	79.2	76.1	114.1
145	26.7	25.0	37.4

