

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\Not Reviewed Data\
 Data File : VV024592.D
 Acq On : 11 Feb 2022 09:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 14:15:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 04:51:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	116598	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	115125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59699	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43737	4.475	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.400%	
7) Chloroethane-d5	1.568	69	38483	4.657	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.200%	
11) 1,1-Dichloroethene-d2	2.111	63	102876	4.812	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.200%	
20) 2-Butanone-d5	3.892	46	88500	54.546	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.100%	
24) Chloroform-d	4.346	84	86076	5.004	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	5.030	65	40948	5.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.047	84	169698	5.195	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
36) 1,2-Dichloropropane-d6	6.066	67	50988	5.019	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.400%	
41) Toluene-d8	7.313	98	155810	5.114	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
43) trans-1,3-Dichloroprop...	7.622	79	19649	4.789	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.800%	
46) 2-Hexanone-d5	8.085	63	74189	51.326	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.660%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	31858	5.267	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	48231	5.012	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	82075	5.357	ug/L	99
3) Chloromethane	1.243	50	75496	5.008	ug/L	97
5) Vinyl chloride	1.314	62	81641	5.029	ug/L	98
6) Bromomethane	1.523	94	49703	4.973	ug/L	100
8) Chloroethane	1.587	64	51659	5.195	ug/L	98
9) Trichlorofluoromethane	1.754	101	118145	5.385	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	63423	5.185	ug/L #	87
12) 1,1-Dichloroethene	2.121	96	61253	5.074	ug/L	95
13) Acetone	2.188	43	65575	51.214	ug/L	72
14) Carbon disulfide	2.297	76	187771	4.894	ug/L	99
15) Methyl Acetate	2.439	43	17564	4.797	ug/L	100
16) Methylene chloride	2.506	84	59988	5.016	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	127789	5.137	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	62274	5.251	ug/L	92
19) 1,1-Dichloroethane	3.188	63	111036	5.421	ug/L	98
21) 2-Butanone	3.976	43	112826	53.169	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	66037	5.523	ug/L	96
23) Bromochloromethane	4.246	128	25011	5.508	ug/L	87
25) Chloroform	4.371	83	112571	5.251	ug/L	99

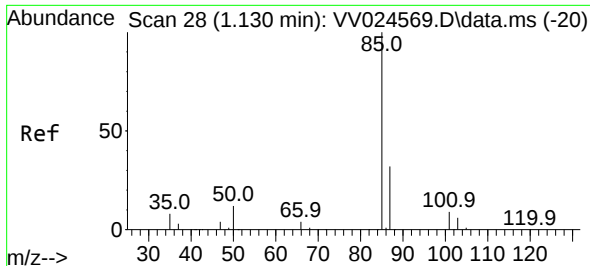
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 04:51:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	62881	5.349	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	102779	5.442	ug/L	98
30) Cyclohexane	4.677	56	104940	5.393	ug/L	96
31) Carbon tetrachloride	4.825	117	86917	5.434	ug/L	100
33) Benzene	5.098	78	248546	5.532	ug/L	100
34) Trichloroethene	5.911	95	67701	5.472	ug/L	89
35) Methylcyclohexane	6.127	83	108490	5.301	ug/L	98
37) 1,2-Dichloropropane	6.169	63	60741	5.577	ug/L #	96
38) Bromodichloromethane	6.506	83	77451	5.351	ug/L #	97
39) cis-1,3-Dichloropropene	7.024	75	86872	5.235	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	299838	53.351	ug/L	100
42) Toluene	7.384	91	265962	5.434	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	69984	5.105	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	37869	5.366	ug/L	97
47) Tetrachloroethene	7.972	164	44120	5.375	ug/L	89
48) 2-Hexanone	8.136	43	207521	53.943	ug/L	99
49) Dibromochloromethane	8.242	129	44486	5.220	ug/L	98
50) 1,2-Dibromoethane	8.349	107	35730	5.394	ug/L #	94
51) Chlorobenzene	8.879	112	161876	5.396	ug/L	94
52) Ethylbenzene	9.011	91	292866	5.377	ug/L	97
53) m,p-xylene	9.136	106	109434	5.305	ug/L	95
54) o-xylene	9.541	106	107182	5.388	ug/L	91
55) Styrene	9.558	104	178751	5.474	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	38875	5.438	ug/L	99
59) Bromoform	9.728	173	19706	5.166	ug/L #	99
60) Isopropylbenzene	9.927	105	290036	5.356	ug/L	97
61) 1,2,3-Trichloropropane	10.271	75	32054	5.446	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	249770	5.387	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	248758	5.397	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	118811	5.391	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	115497	5.276	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	105249	5.379	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5885	5.148	ug/L #	67
69) 1,3,5-Trichlorobenzene	12.644	180	82830	5.282	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	66442	5.247	ug/L	97
71) Naphthalene	13.500	128	116648	5.086	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55139	5.177	ug/L	98

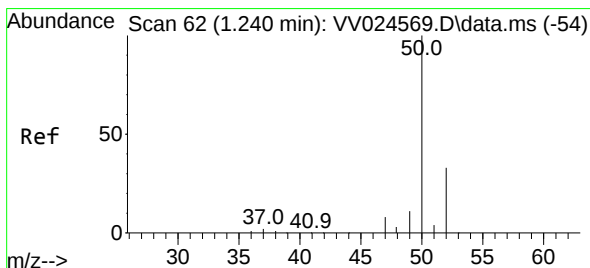
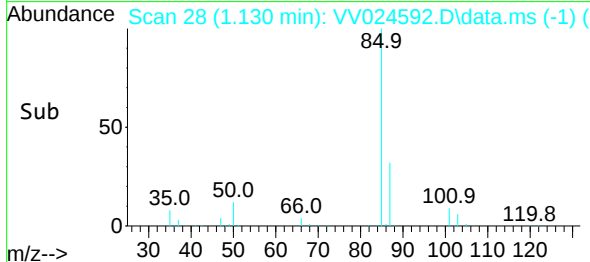
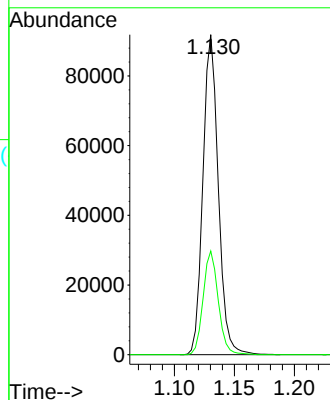
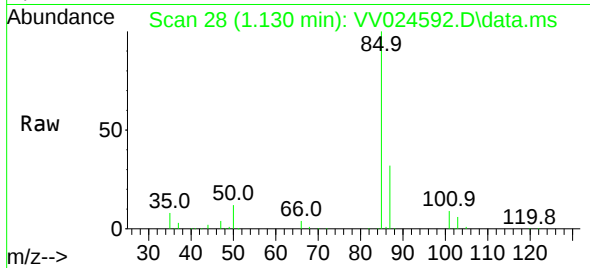
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.357 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024592.D
 Acq: 11 Feb 2022 09:31

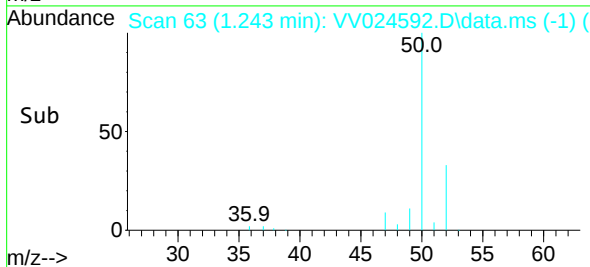
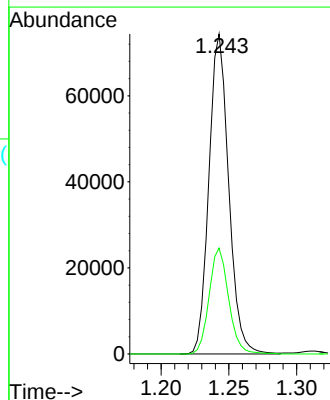
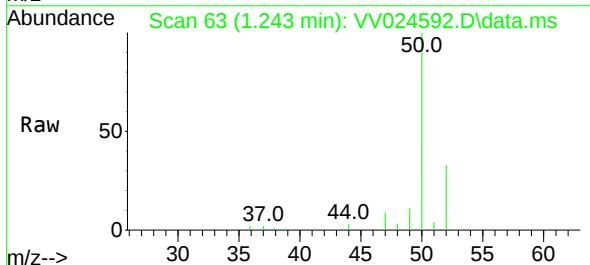
Instrument :
 MSVOA_V
 ClientSampleId :

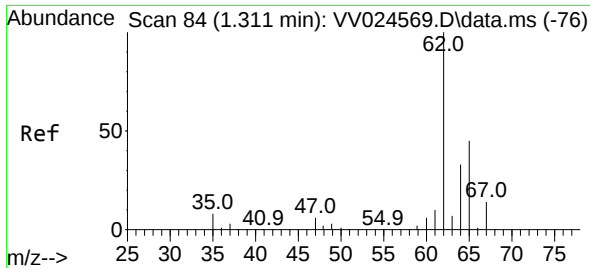
Tgt Ion: 85 Resp: 82075
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 5.008 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV024592.D
 Acq: 11 Feb 2022 09:31

Tgt Ion: 50 Resp: 75496
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.0 41.0

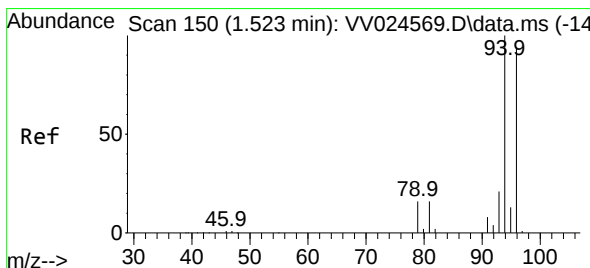
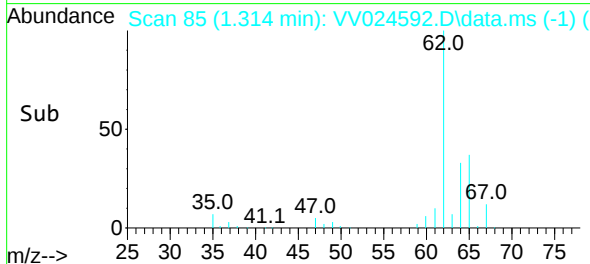
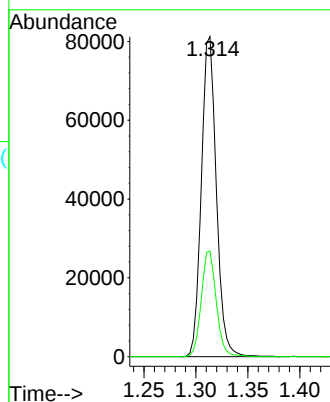
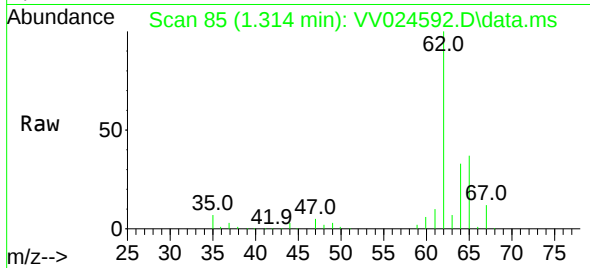




#5
 Vinyl chloride
 Concen: 5.029 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV024592.D
 Acq: 11 Feb 2022 09:31

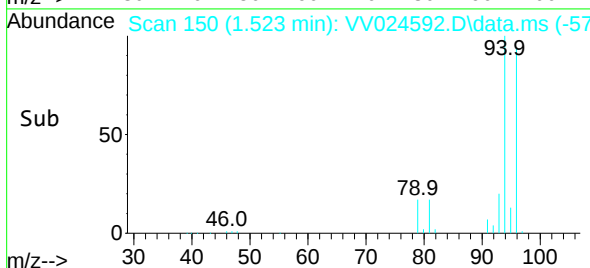
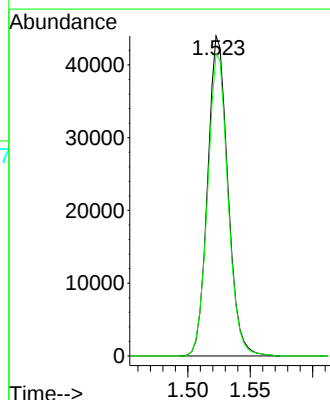
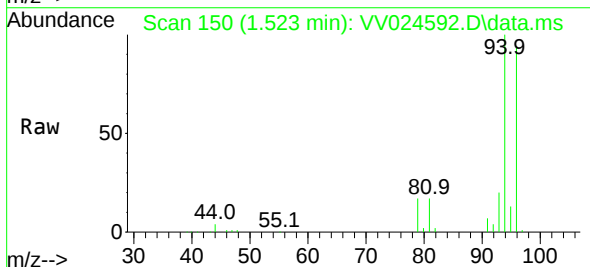
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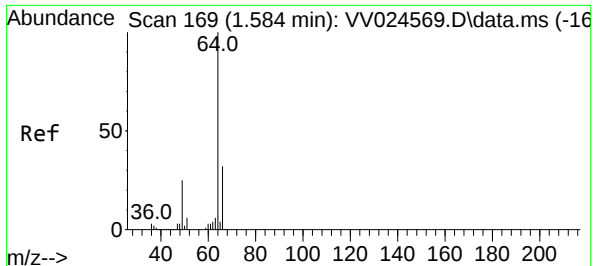
Tgt Ion: 62 Resp: 81641
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.4 41.6



#6
 Bromomethane
 Concen: 4.973 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024592.D
 Acq: 11 Feb 2022 09:31

Tgt Ion: 94 Resp: 49703
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.2 123.0

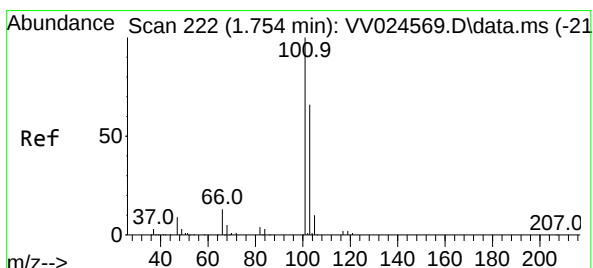
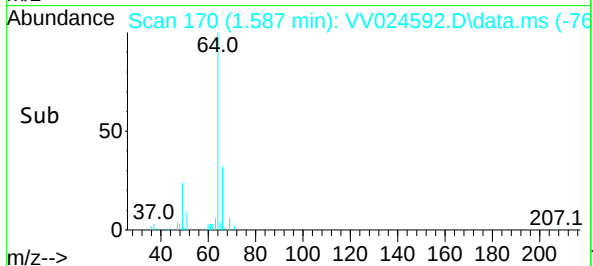
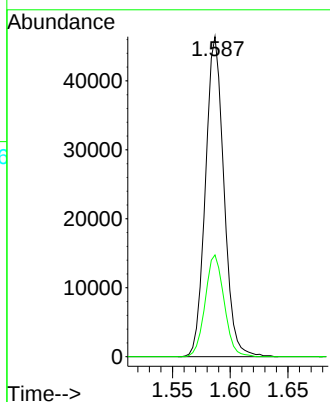
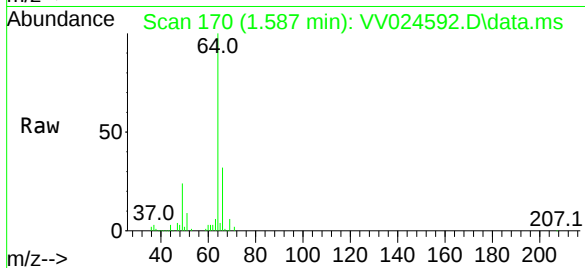




#8
Chloroethane
Concen: 5.195 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

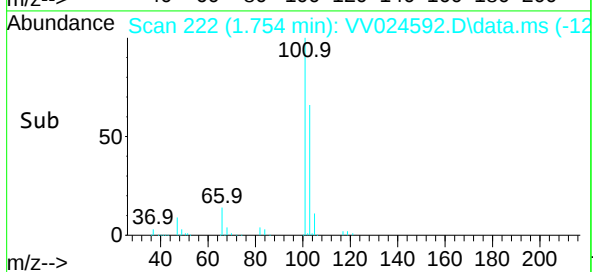
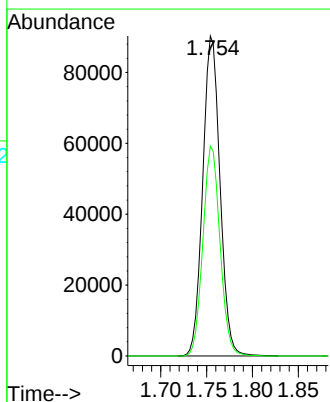
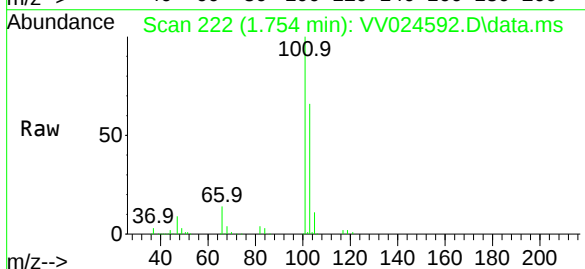
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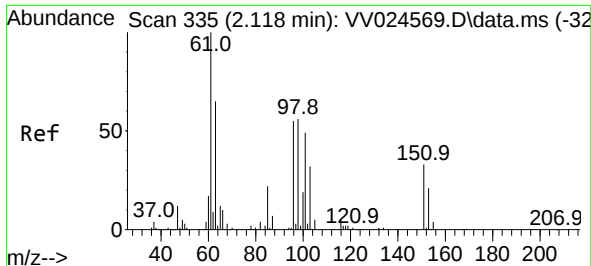
Tgt Ion: 64 Resp: 51659
Ion Ratio Lower Upper
64 100
66 31.8 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.385 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

Tgt Ion:101 Resp: 118145
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.185 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

Instrument :

MSVOA_V

ClientSampleId :

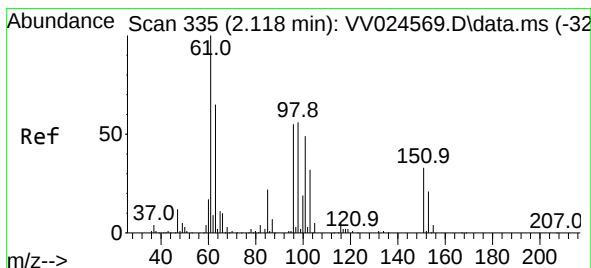
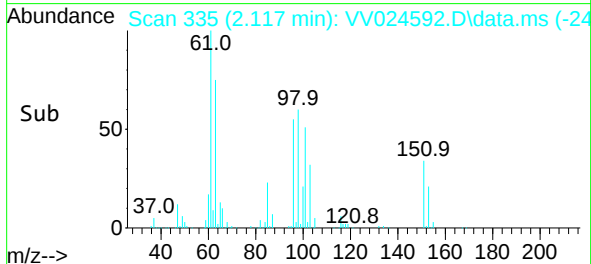
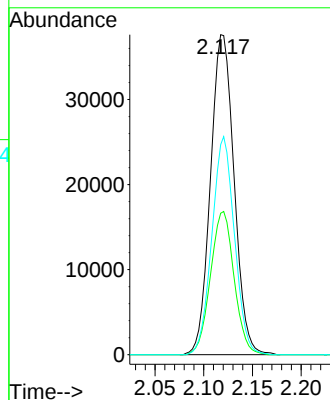
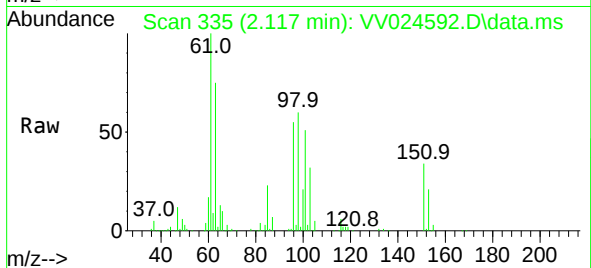
Tgt Ion:101 Resp: 63423

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

151 65.2 66.4 99.6#



#12

1,1-Dichloroethene

Concen: 5.074 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

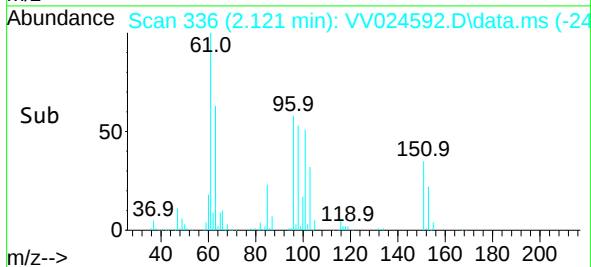
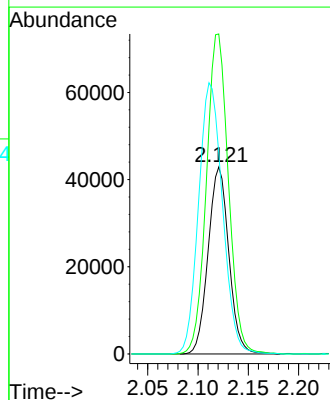
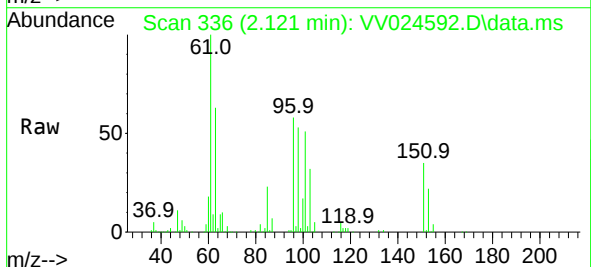
Tgt Ion: 96 Resp: 61253

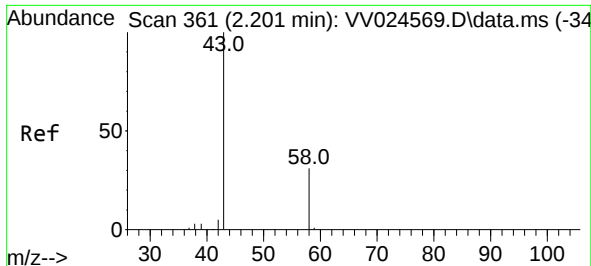
Ion Ratio Lower Upper

96 100

61 171.3 116.1 215.5

63 107.6 79.4 147.4





#13

Acetone

Concen: 51.214 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

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MSVOA_V

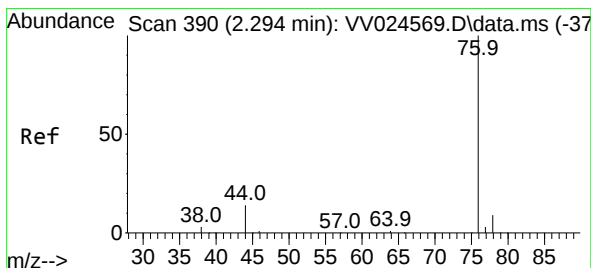
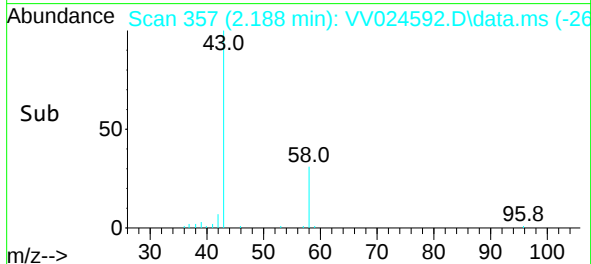
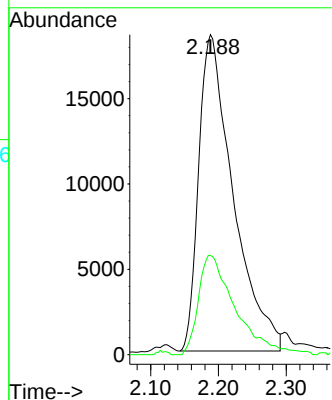
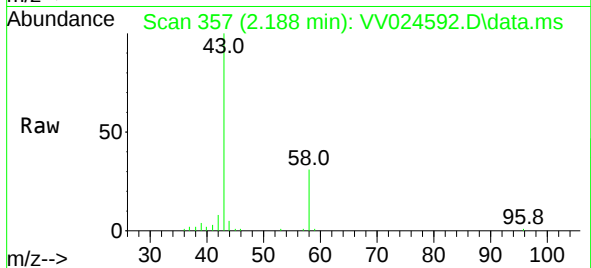
ClientSampleId :

Tgt Ion: 43 Resp: 65575

Ion Ratio Lower Upper

43 100

58 33.7 0.0 41.4



#14

Carbon disulfide

Concen: 4.894 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024592.D

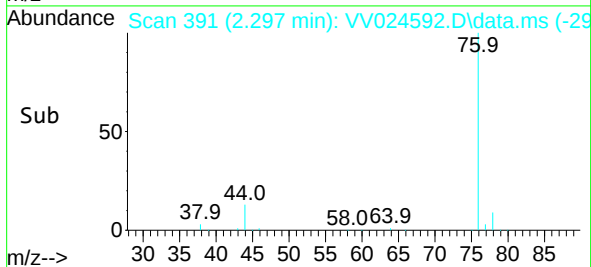
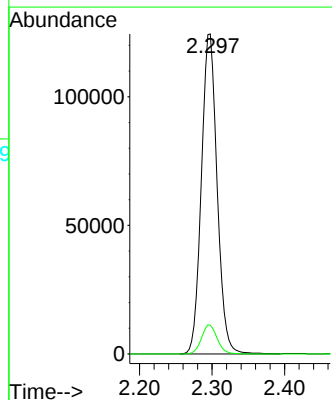
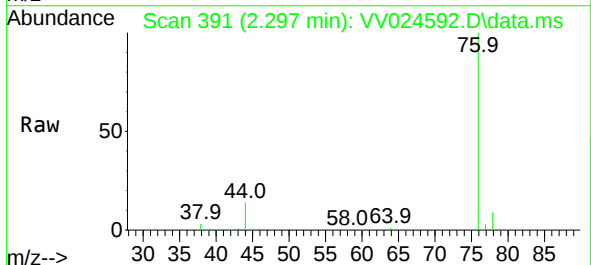
Acq: 11 Feb 2022 09:31

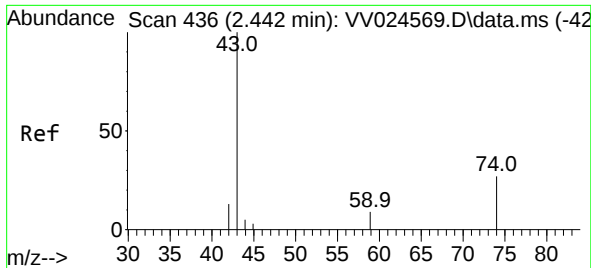
Tgt Ion: 76 Resp: 187771

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

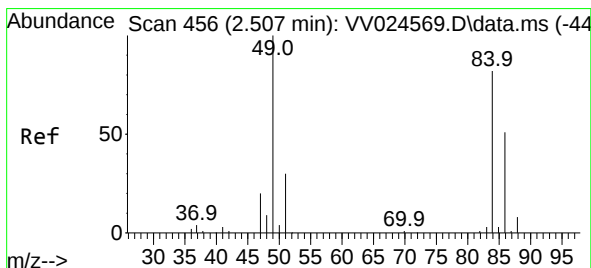
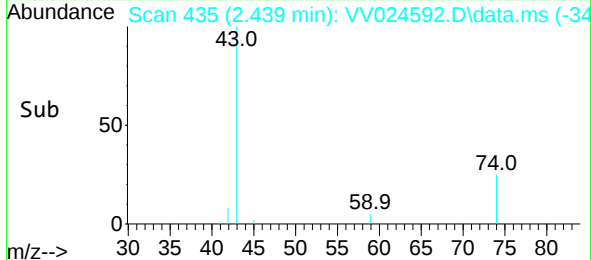
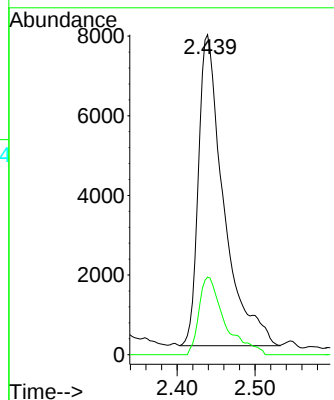
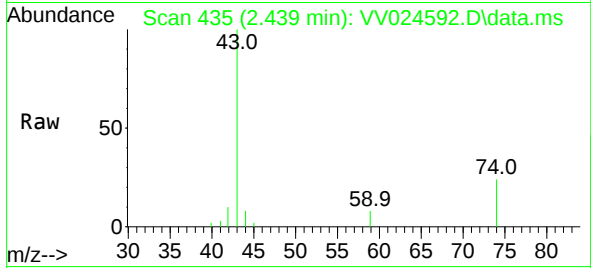




#15
Methyl Acetate
Concen: 4.797 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

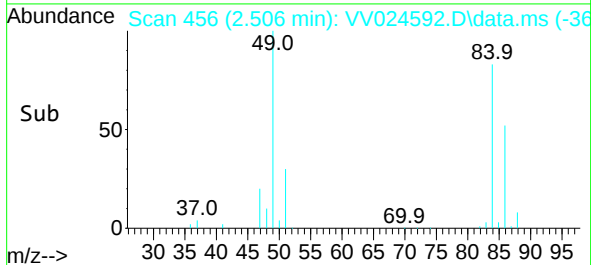
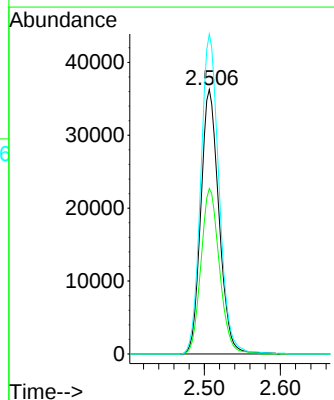
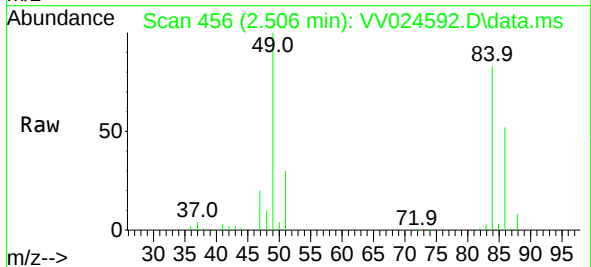
Instrument :
MSVOA_V
ClientSampleId :

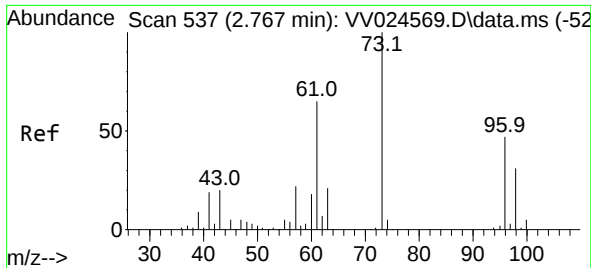
Tgt Ion: 43 Resp: 17564
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.2



#16
Methylene chloride
Concen: 5.016 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

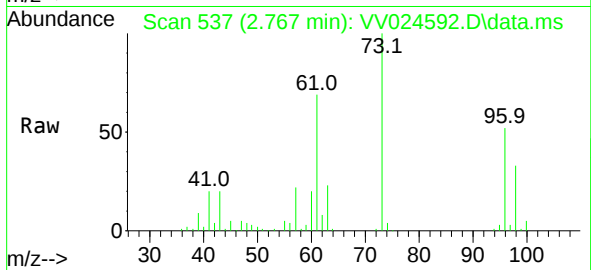
Tgt Ion: 84 Resp: 59988
Ion Ratio Lower Upper
84 100
86 62.5 42.6 79.0
49 121.0 79.7 147.9



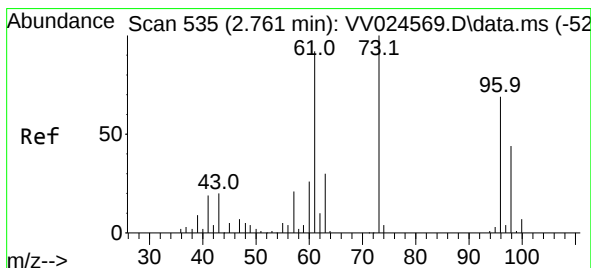
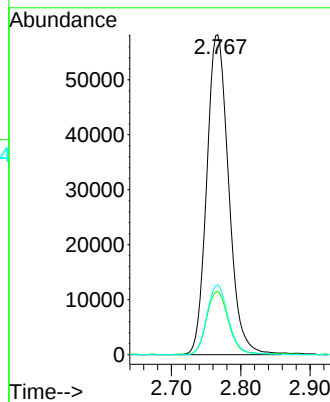
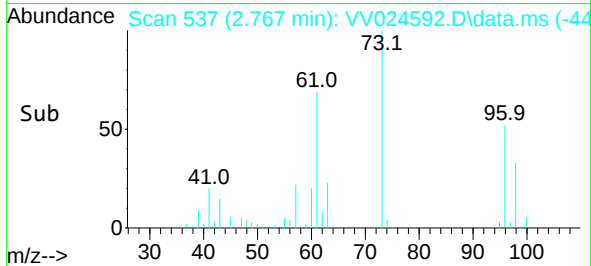


#17
Methyl tert-butyl Ether
Concen: 5.137 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

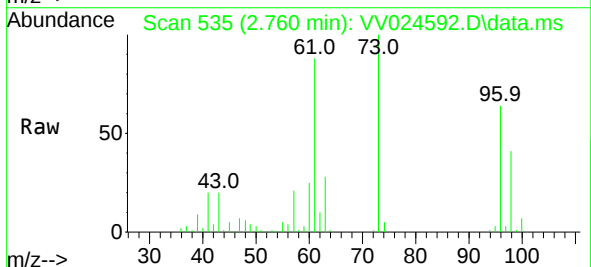
Instrument :
MSVOA_V
ClientSampleId :



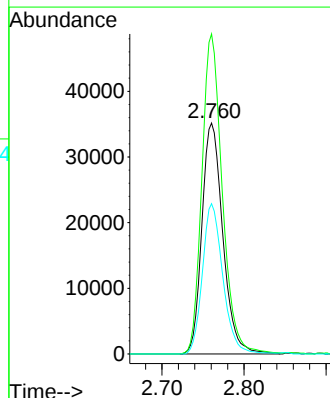
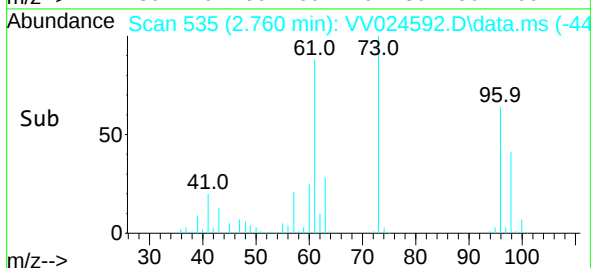
Tgt Ion: 73 Resp: 127789
Ion Ratio Lower Upper
73 100
43 19.9 15.5 23.3
57 21.4 17.1 25.7

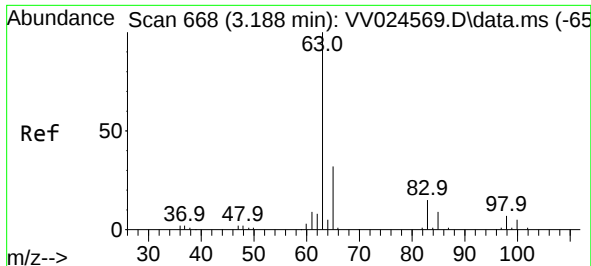


#18
trans-1,2-Dichloroethene
Concen: 5.251 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31



Tgt Ion: 96 Resp: 62274
Ion Ratio Lower Upper
96 100
61 138.6 88.2 163.8
98 65.0 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.421 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

Instrument :

MSVOA_V

ClientSampleId :

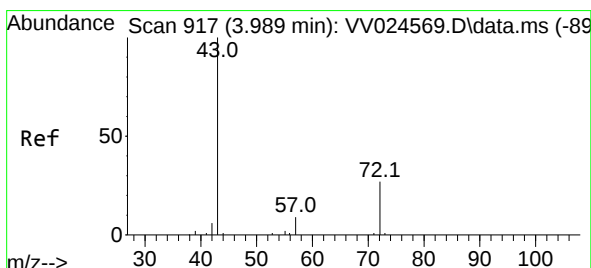
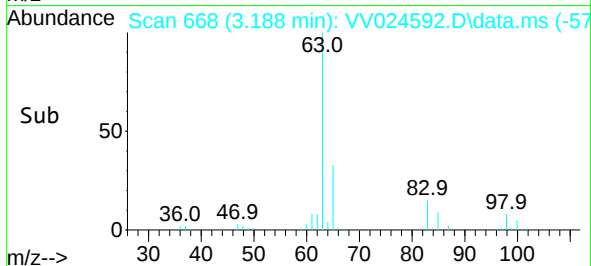
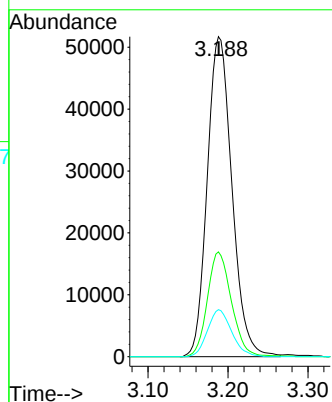
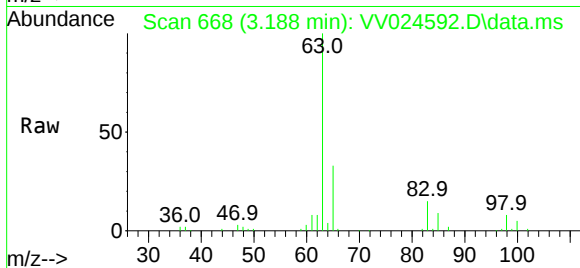
Tgt Ion: 63 Resp: 111036

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.3

83 14.7 10.7 19.9



#21

2-Butanone

Concen: 53.169 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.013 min

Lab File: VV024592.D

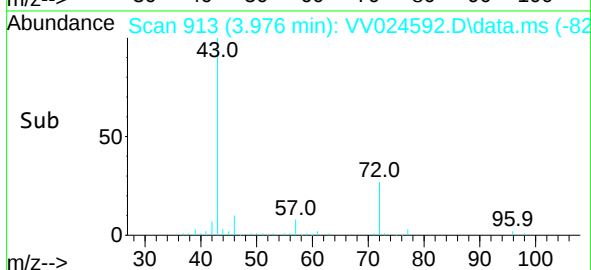
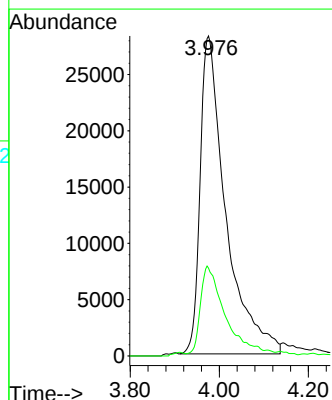
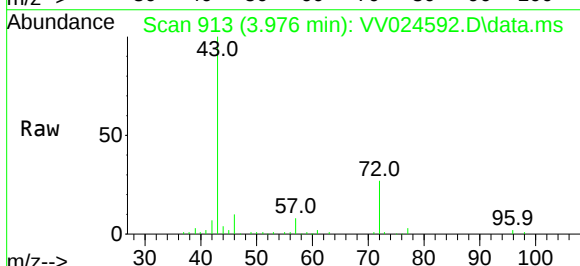
Acq: 11 Feb 2022 09:31

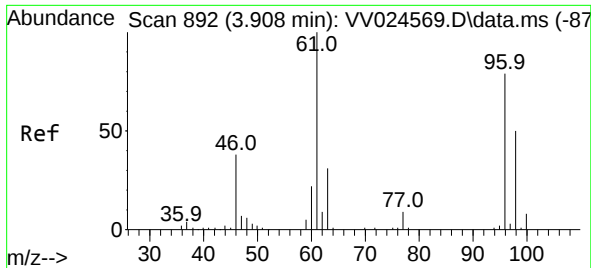
Tgt Ion: 43 Resp: 112826

Ion Ratio Lower Upper

43 100

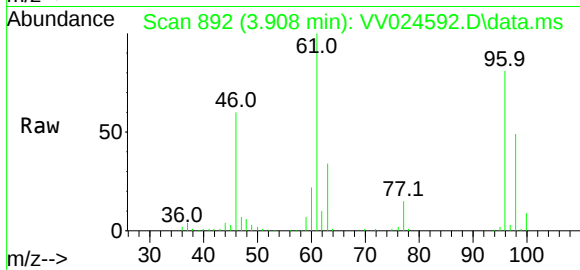
72 26.1 11.1 33.1





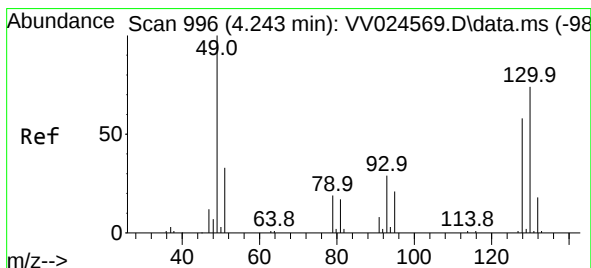
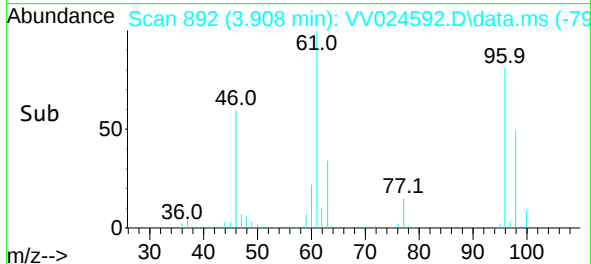
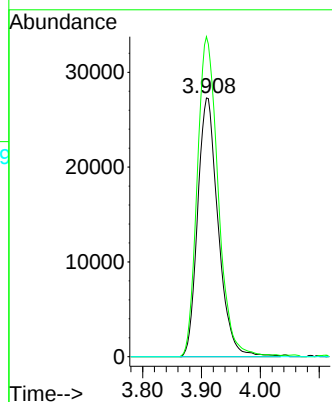
#22
 cis-1,2-Dichloroethene
 Concen: 5.523 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV024592.D
 Acq: 11 Feb 2022 09:31

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 66037

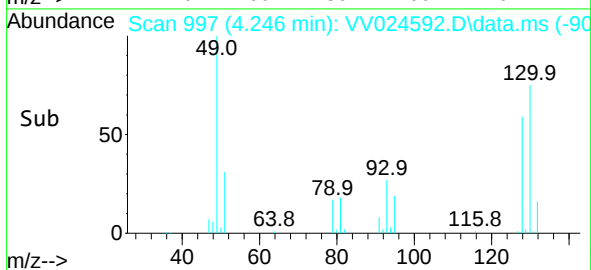
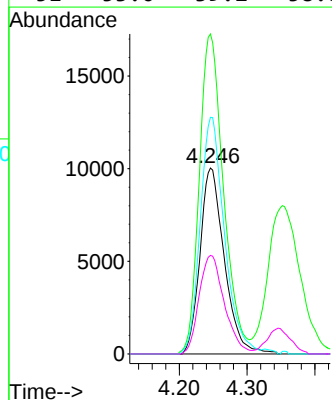
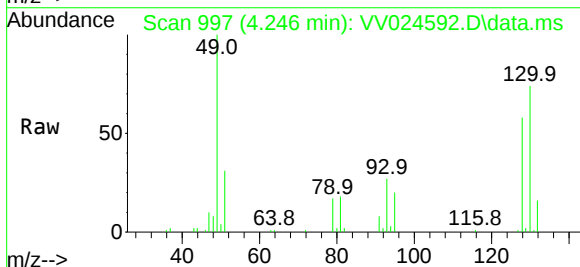
Ion	Ratio	Lower	Upper
96	100		
61	123.7	83.4	154.8
68	0.0	0.0	0.0

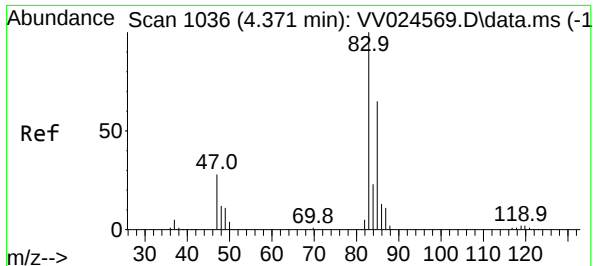


#23
 Bromochloromethane
 Concen: 5.508 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV024592.D
 Acq: 11 Feb 2022 09:31

Tgt Ion: 128 Resp: 25011

Ion	Ratio	Lower	Upper
128	100		
49	172.1	100.2	186.2
130	127.3	92.5	171.7
51	53.0	39.2	58.8





#25

Chloroform

Concen: 5.251 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

Instrument :

MSVOA_V

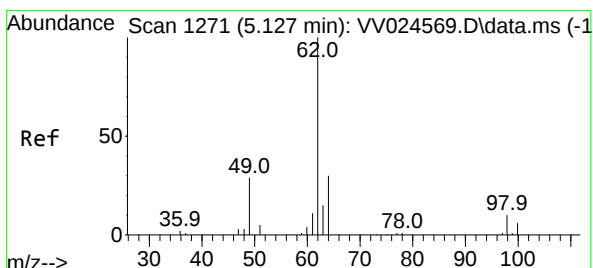
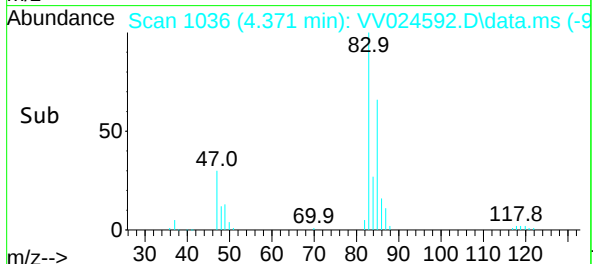
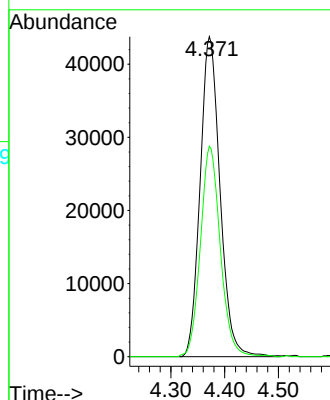
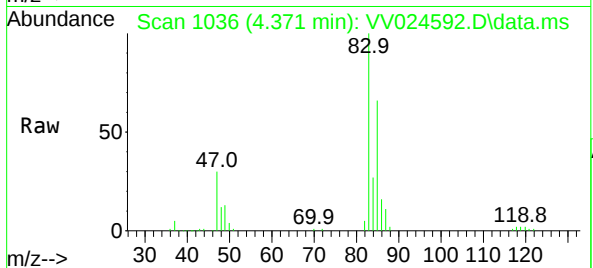
ClientSampleId :

Tgt Ion: 83 Resp: 112571

Ion Ratio Lower Upper

83 100

85 65.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.349 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV024592.D

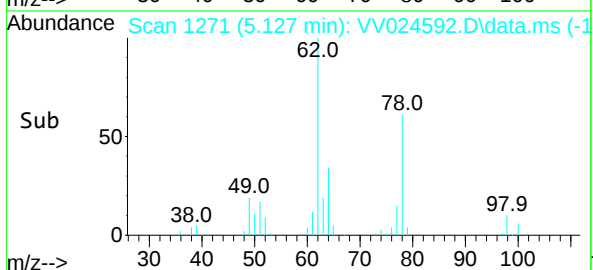
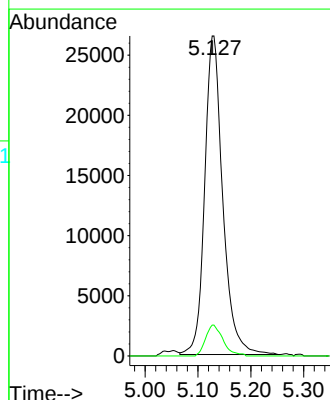
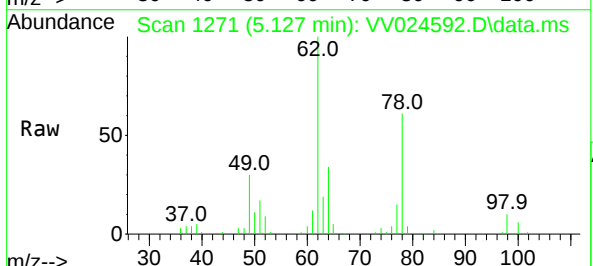
Acq: 11 Feb 2022 09:31

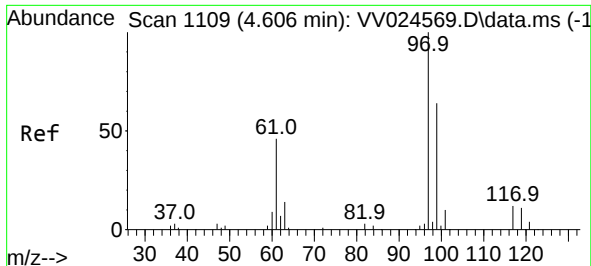
Tgt Ion: 62 Resp: 62881

Ion Ratio Lower Upper

62 100

98 9.7 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.442 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

Instrument :

MSVOA_V

ClientSampleId :

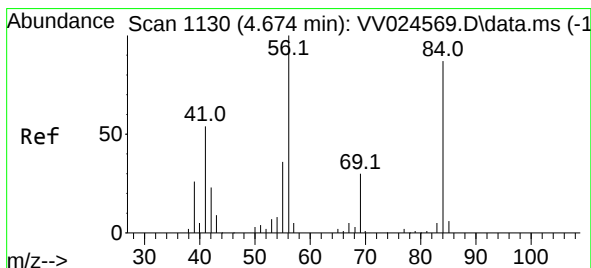
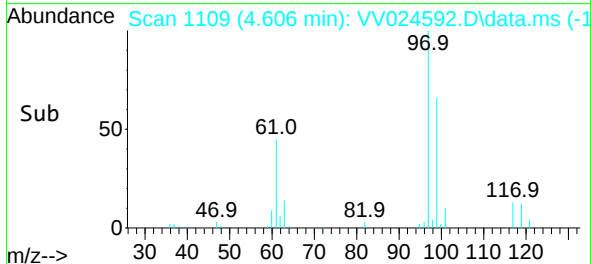
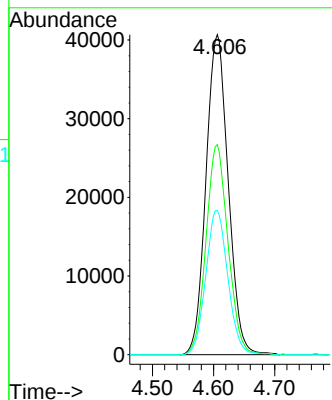
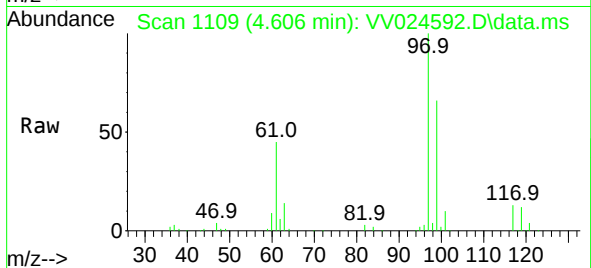
Tgt Ion: 97 Resp: 102779

Ion Ratio Lower Upper

97 100

99 64.8 51.9 77.9

61 44.9 33.2 49.8



#30

Cyclohexane

Concen: 5.393 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

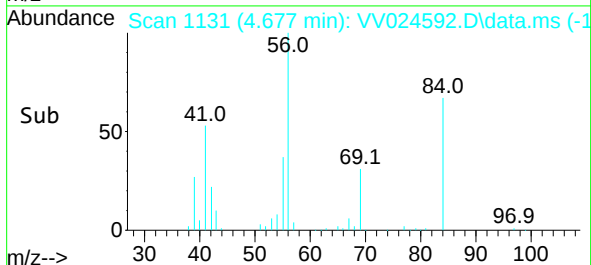
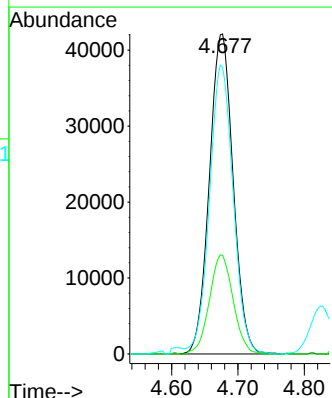
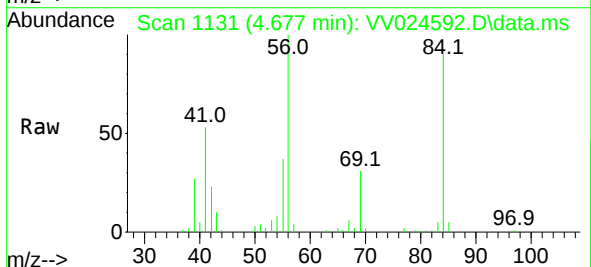
Tgt Ion: 56 Resp: 104940

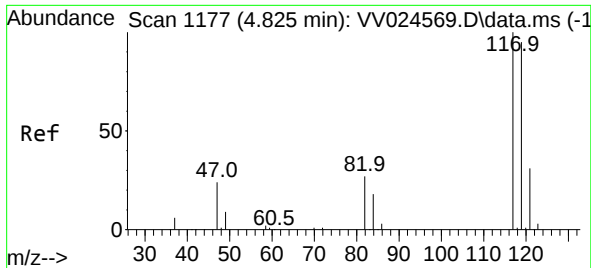
Ion Ratio Lower Upper

56 100

69 30.9 24.8 37.2

84 90.1 75.9 113.9

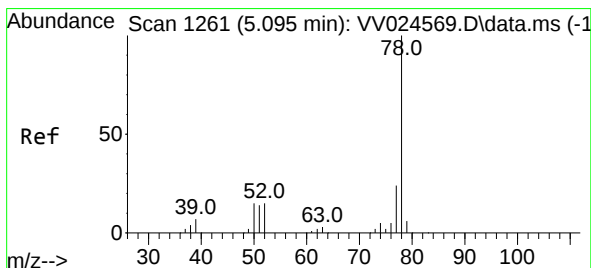
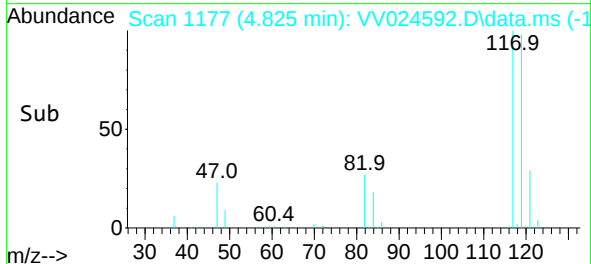
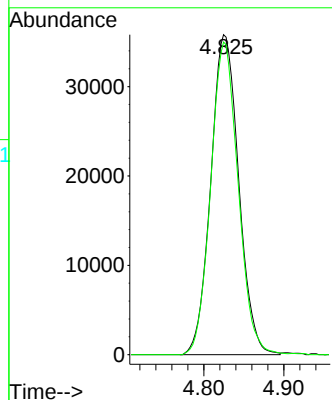
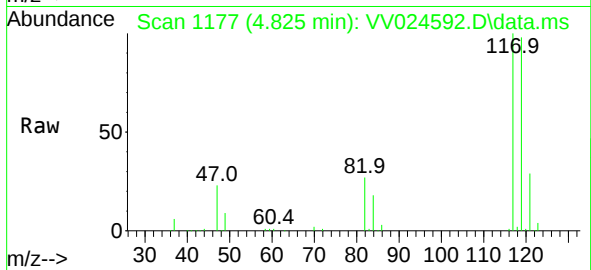




#31
Carbon tetrachloride
Concen: 5.434 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

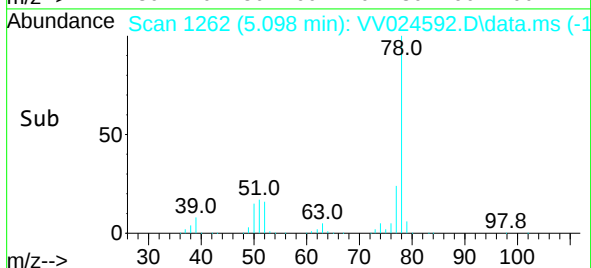
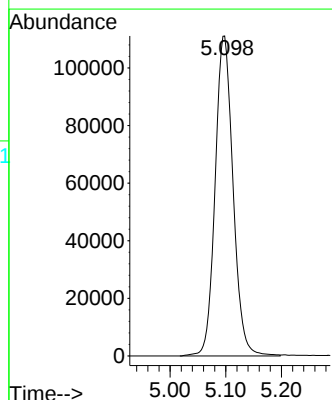
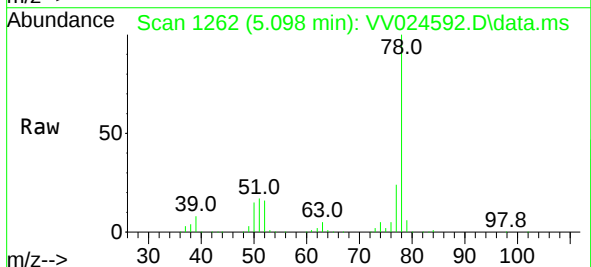
Instrument :
MSVOA_V
ClientSampleId :

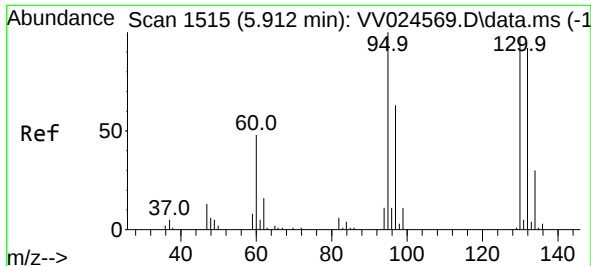
Tgt Ion:117 Resp: 86917
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8



#33
Benzene
Concen: 5.532 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

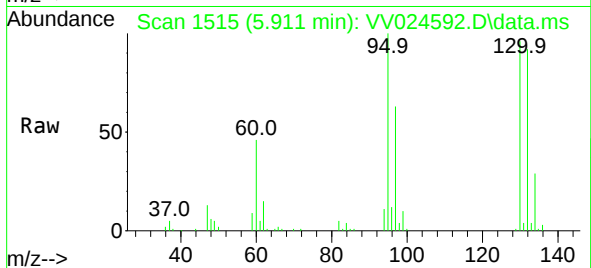
Tgt Ion: 78 Resp: 248546



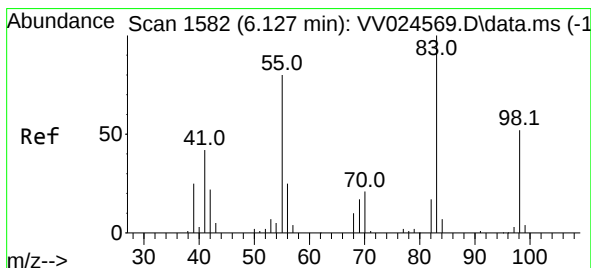
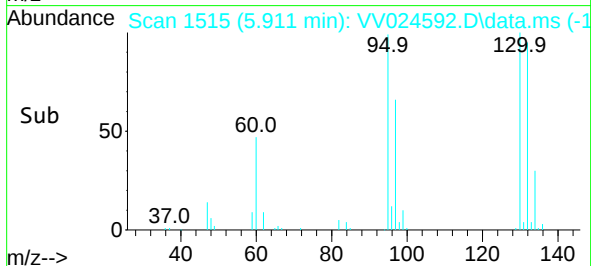
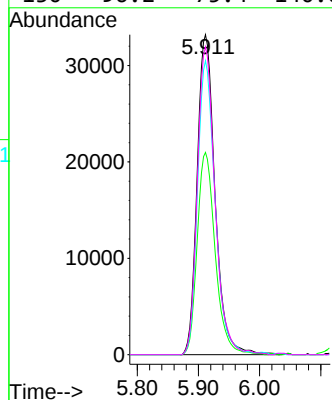


#34
Trichloroethene
Concen: 5.472 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

Instrument :
MSVOA_V
ClientSampleId :

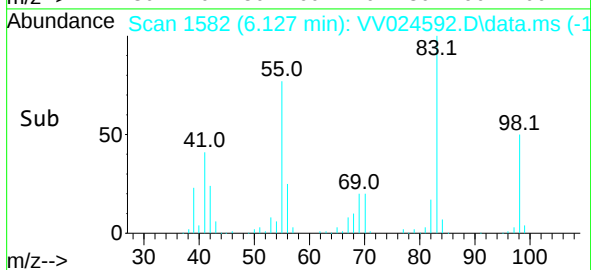
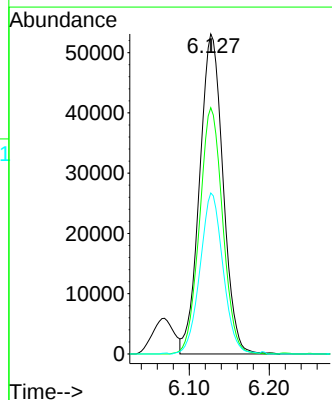
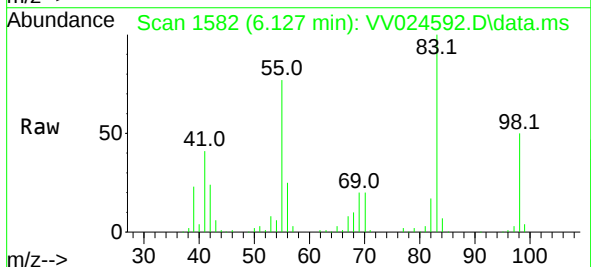


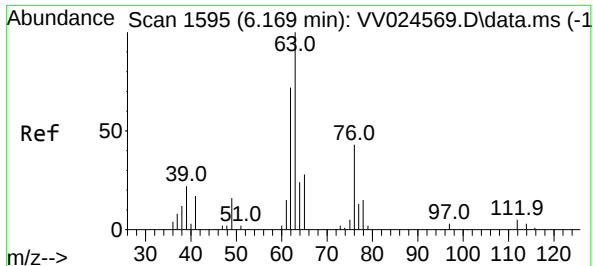
Tgt Ion: 95 Resp: 67701
Ion Ratio Lower Upper
95 100
97 63.2 45.2 84.0
132 91.9 76.1 141.3
130 96.2 75.4 140.0



#35
Methylcyclohexane
Concen: 5.301 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

Tgt Ion: 83 Resp: 108490
Ion Ratio Lower Upper
83 100
55 75.9 60.2 90.2
98 49.3 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.577 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

Instrument :

MSVOA_V

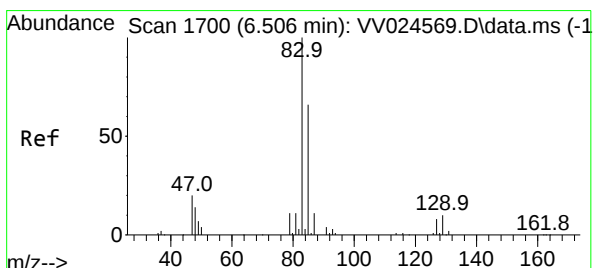
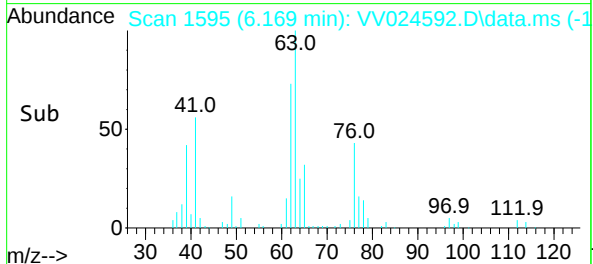
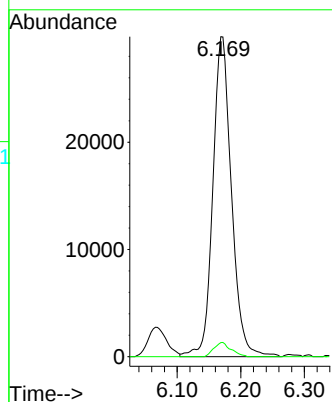
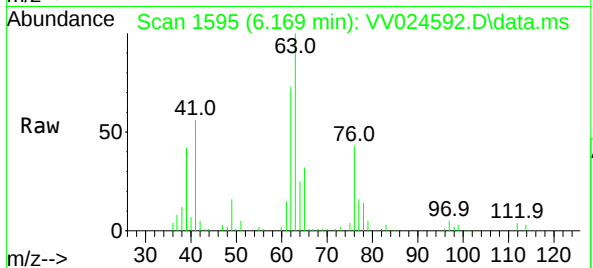
ClientSampleId :

Tgt Ion: 63 Resp: 60741

Ion Ratio Lower Upper

63 100

112 4.1 4.3 6.5#



#38

Bromodichloromethane

Concen: 5.351 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

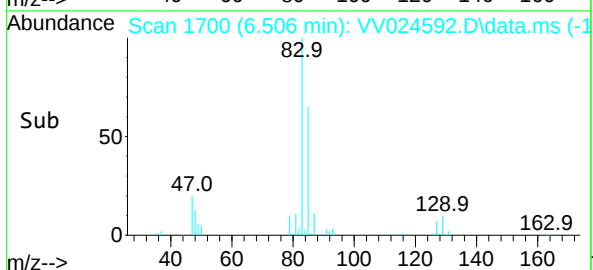
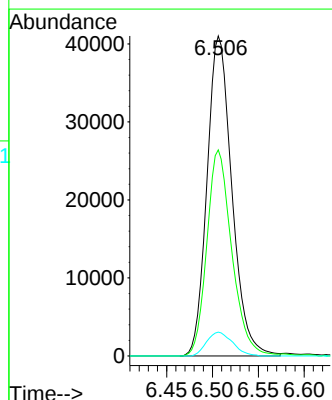
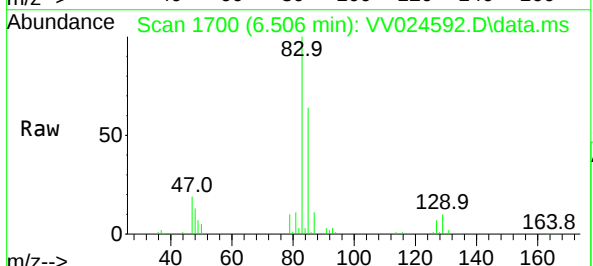
Tgt Ion: 83 Resp: 77451

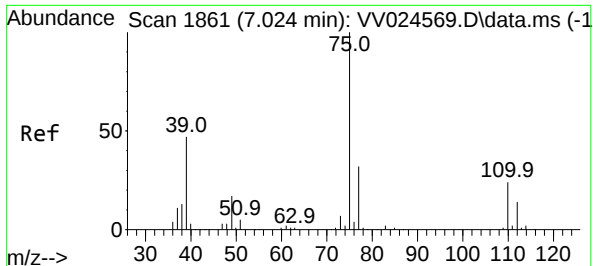
Ion Ratio Lower Upper

83 100

85 64.4 44.0 81.8

127 7.4 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 5.235 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

Instrument :

MSVOA_V

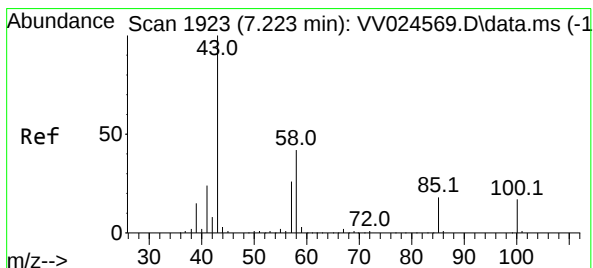
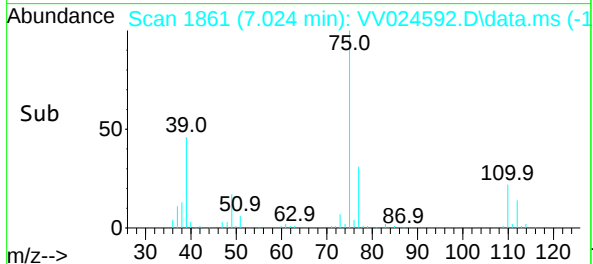
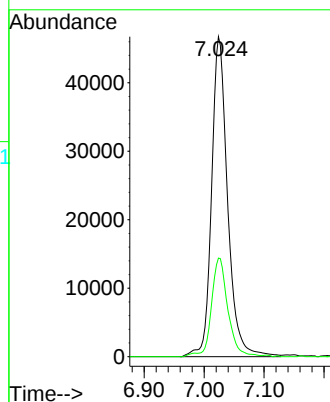
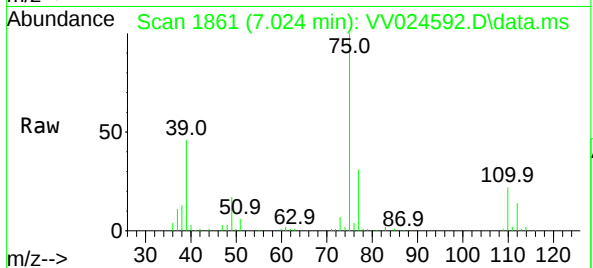
ClientSampleId :

Tgt Ion: 75 Resp: 86872

Ion Ratio Lower Upper

75 100

77 30.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 53.351 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

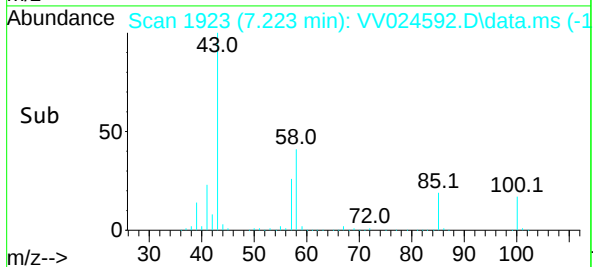
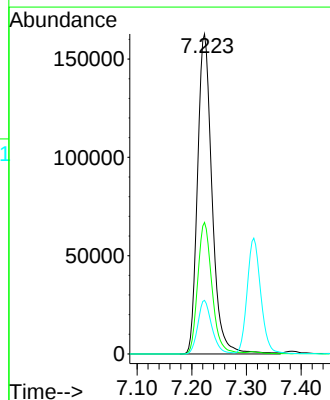
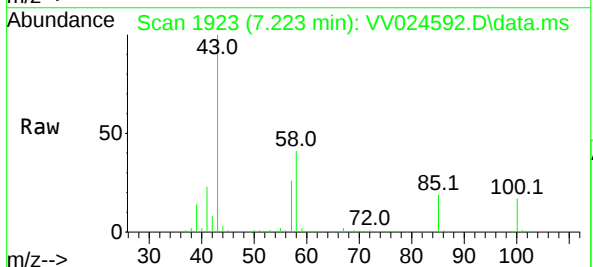
Tgt Ion: 43 Resp: 299838

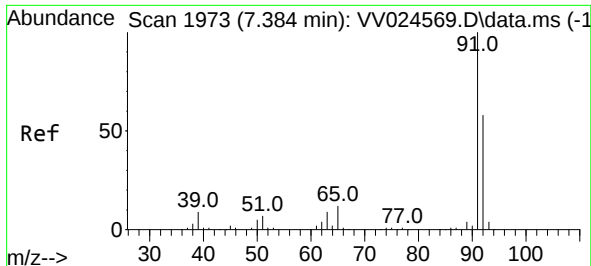
Ion Ratio Lower Upper

43 100

58 40.4 32.3 48.5

100 16.2 13.0 19.6





#42

Toluene

Concen: 5.434 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

Instrument :

MSVOA_V

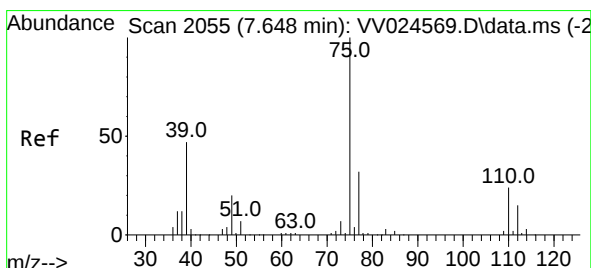
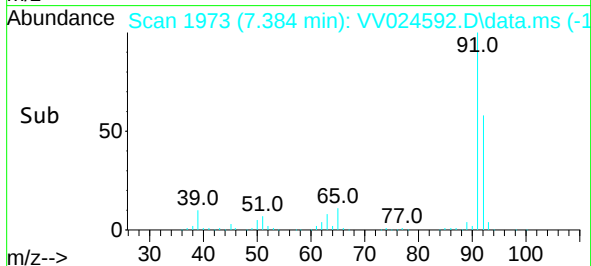
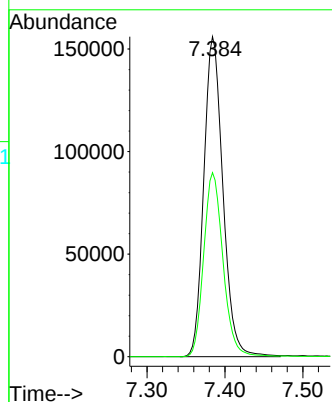
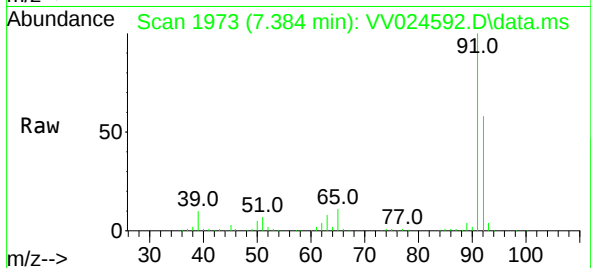
ClientSampleId :

Tgt Ion: 91 Resp: 265962

Ion Ratio Lower Upper

91 100

92 57.5 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.105 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV024592.D

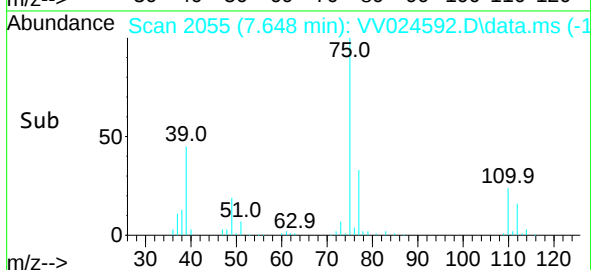
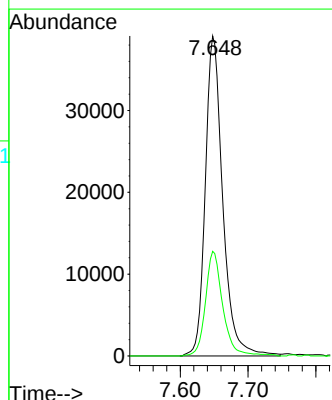
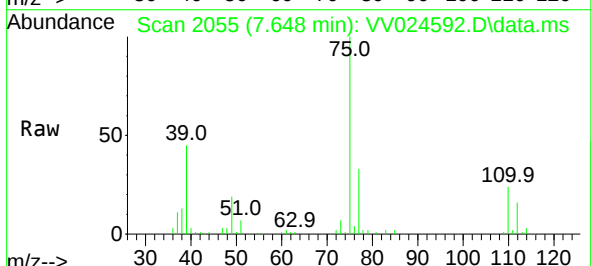
Acq: 11 Feb 2022 09:31

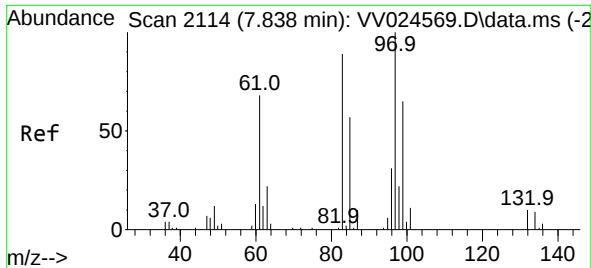
Tgt Ion: 75 Resp: 69984

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.4

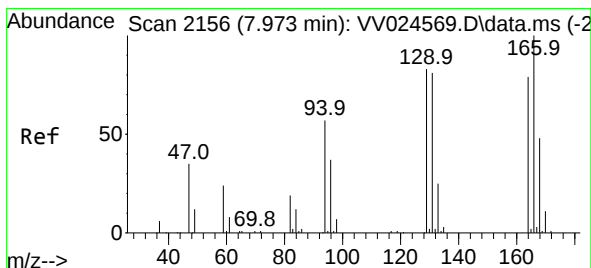
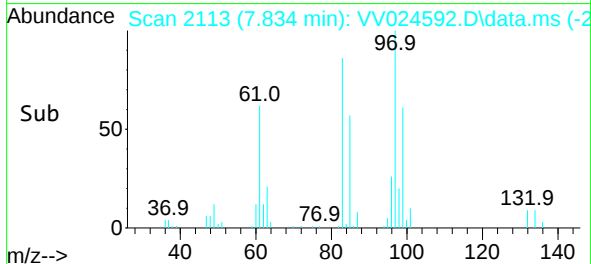
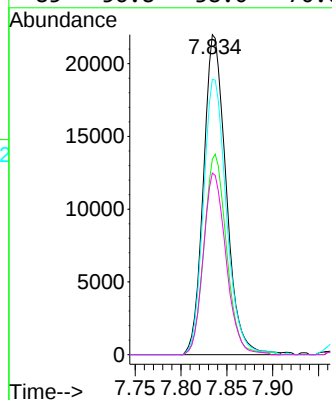
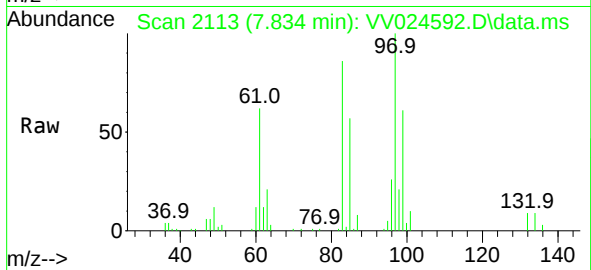




#45
1,1,2-Trichloroethane
Concen: 5.366 ug/L
RT: 7.834 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

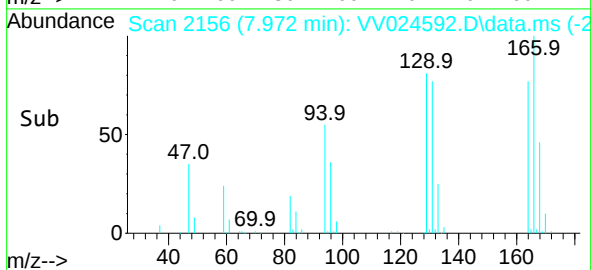
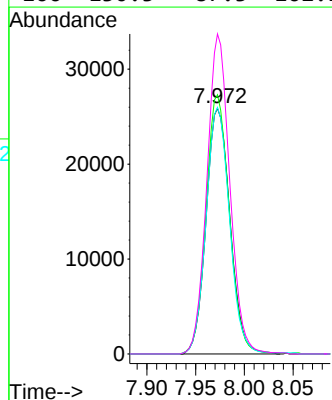
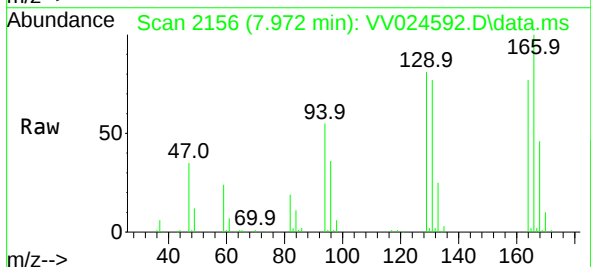
Instrument :
MSVOA_V
ClientSampleId :

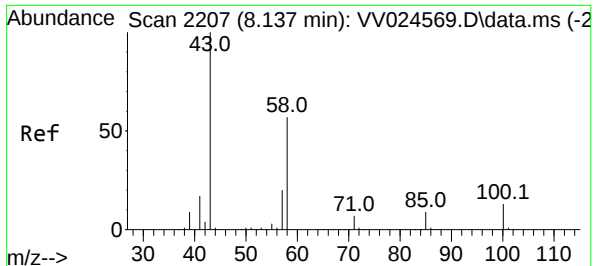
Tgt Ion: 97 Resp: 37869
Ion Ratio Lower Upper
97 100
99 61.1 43.1 80.1
83 86.1 57.9 107.5
85 56.8 38.0 70.6



#47
Tetrachloroethene
Concen: 5.375 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

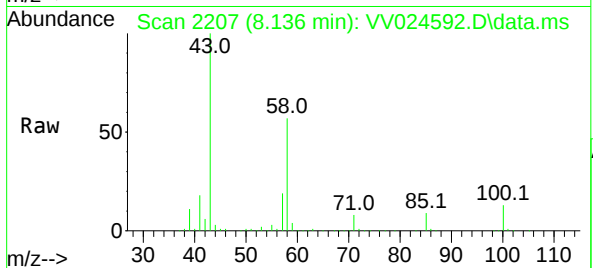
Tgt Ion: 164 Resp: 44120
Ion Ratio Lower Upper
164 100
129 105.5 62.6 116.2
131 100.4 61.0 113.4
166 130.3 87.3 162.1



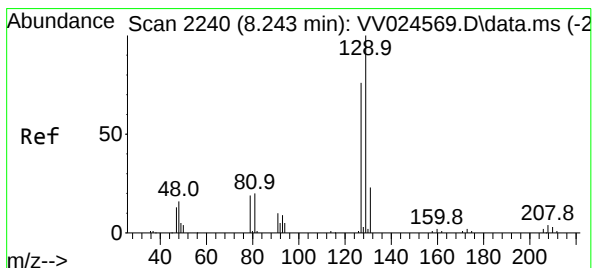
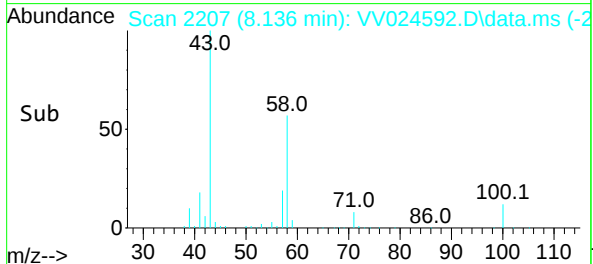
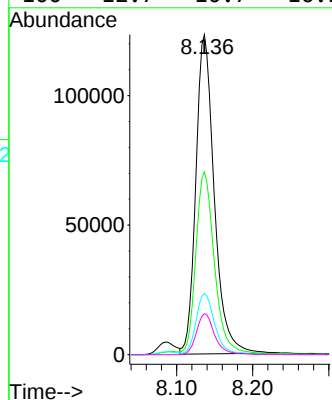


#48
2-Hexanone
Concen: 53.943 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

Instrument :
MSVOA_V
ClientSampleId :

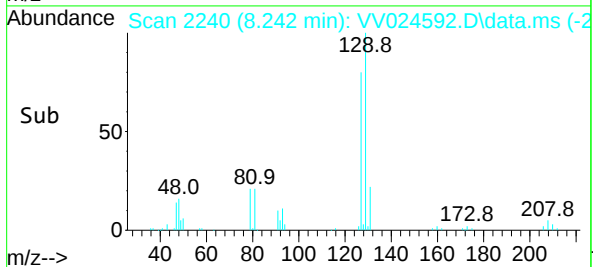
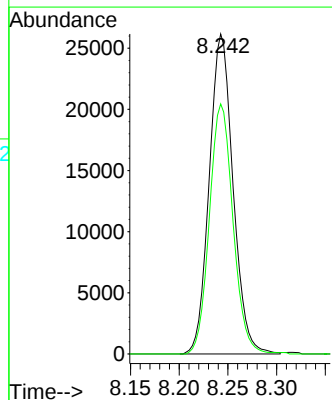
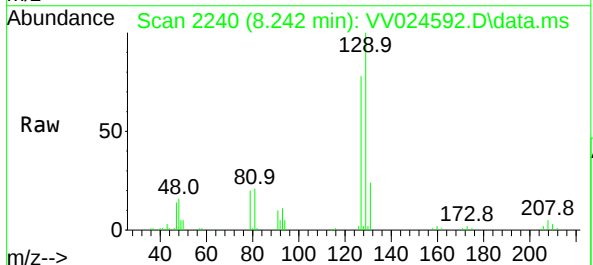


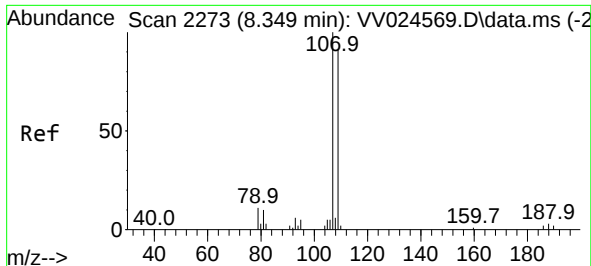
Tgt Ion: 43 Resp: 207521
Ion Ratio Lower Upper
43 100
58 56.6 44.5 66.7
57 19.5 15.1 22.7
100 12.7 10.7 16.1



#49
Dibromochloromethane
Concen: 5.220 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

Tgt Ion: 129 Resp: 44486
Ion Ratio Lower Upper
129 100
127 78.1 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.394 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024592.D

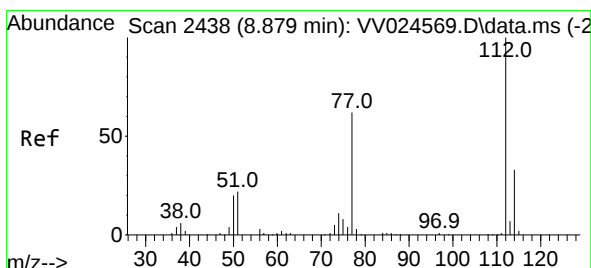
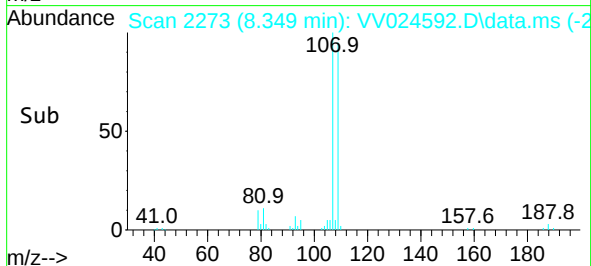
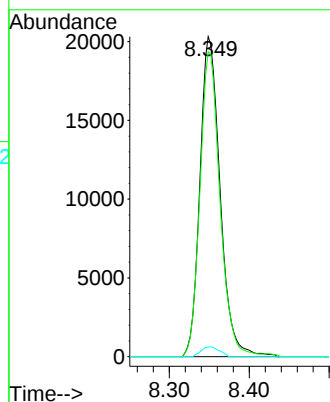
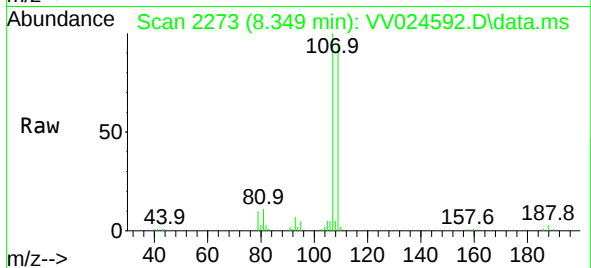
Acq: 11 Feb 2022 09:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107 Resp: 35730
 Ion Ratio Lower Upper
 107 100
 109 95.3 62.5 116.1
 188 3.0 3.4 5.2#



#51

Chlorobenzene

Concen: 5.396 ug/L

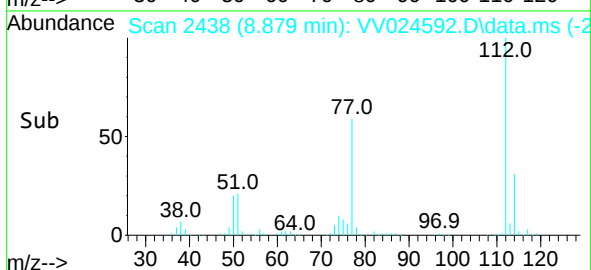
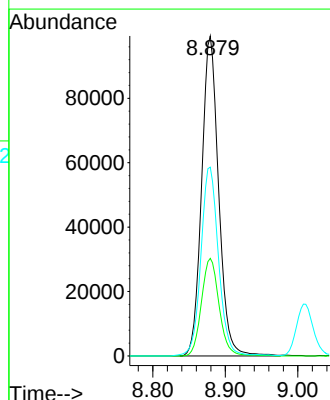
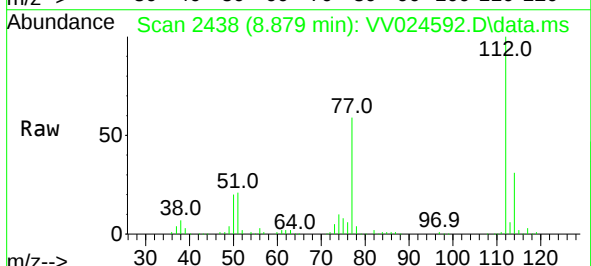
RT: 8.879 min Scan# 2438

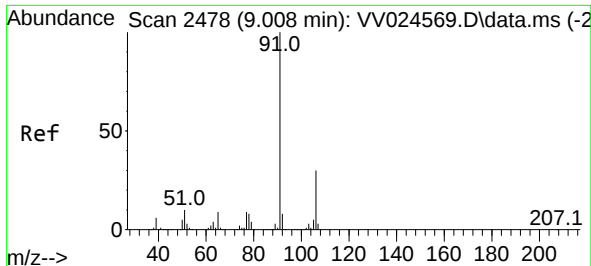
Delta R.T. -0.000 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

Tgt Ion:112 Resp: 161876
 Ion Ratio Lower Upper
 112 100
 114 30.5 23.3 43.3
 77 59.0 43.3 64.9





#52

Ethylbenzene

Concen: 5.377 ug/L

RT: 9.011 min Scan# 24

Delta R.T. 0.003 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

Instrument :

MSVOA_V

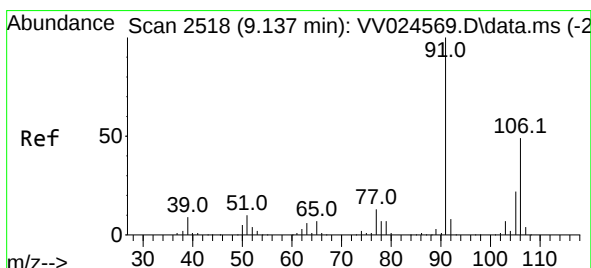
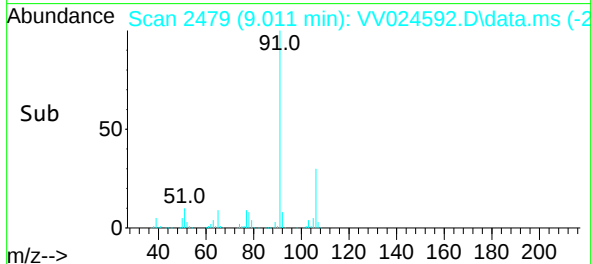
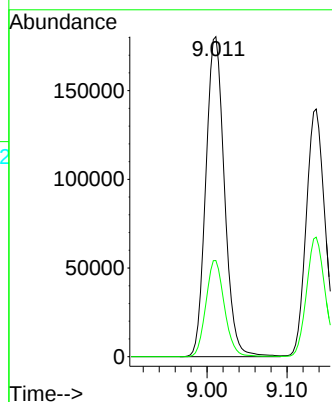
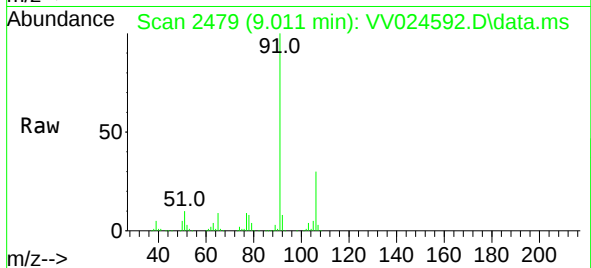
ClientSampleId :

Tgt Ion: 91 Resp: 292866

Ion Ratio Lower Upper

91 100

106 30.1 22.0 41.0



#53

m,p-xylene

Concen: 5.305 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024592.D

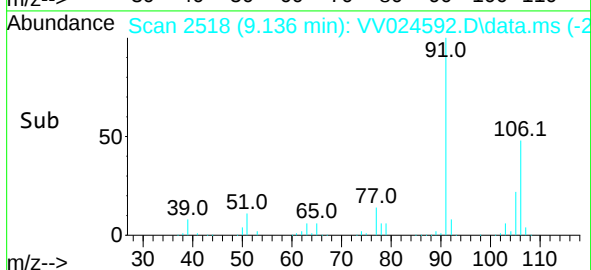
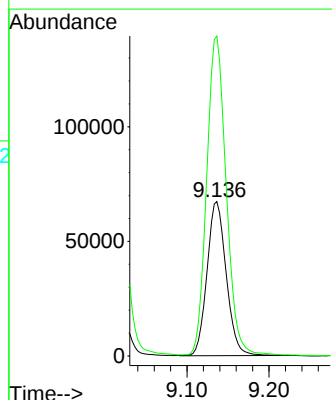
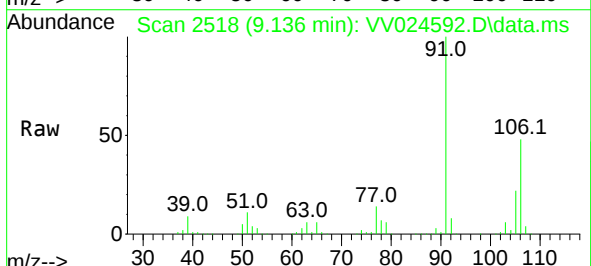
Acq: 11 Feb 2022 09:31

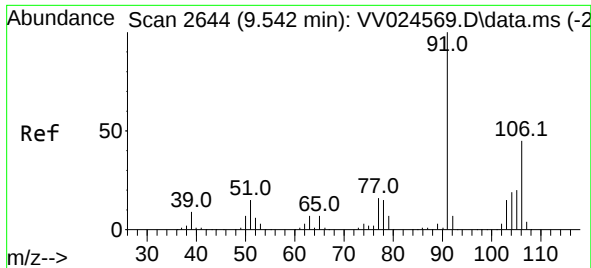
Tgt Ion:106 Resp: 109434

Ion Ratio Lower Upper

106 100

91 207.3 139.5 259.1

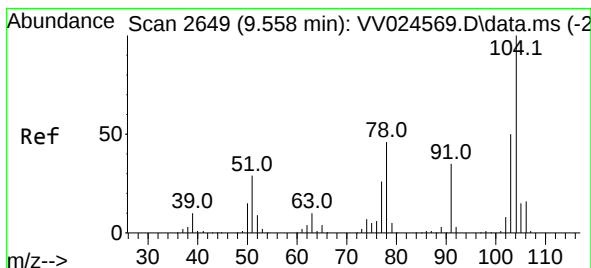
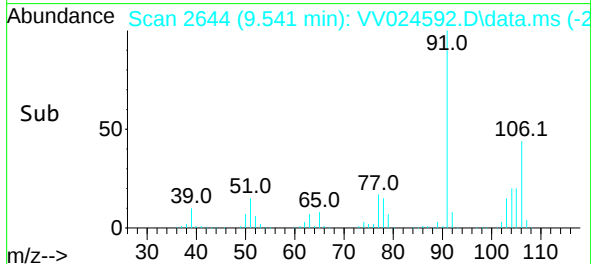
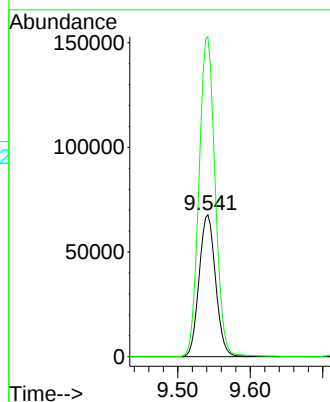
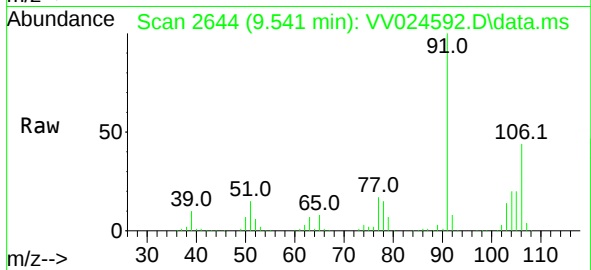




#54
o-xylene
Concen: 5.388 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

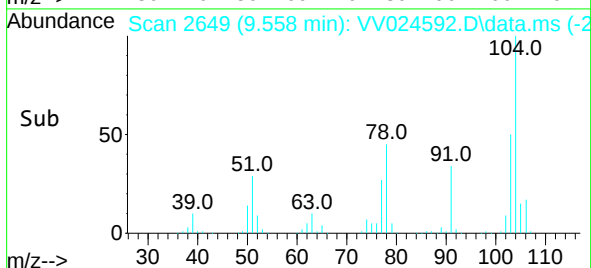
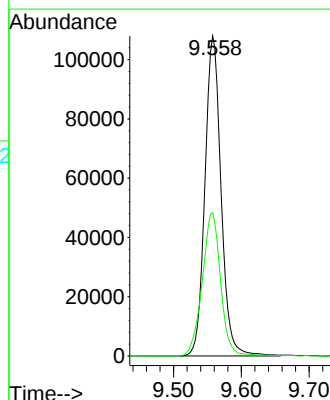
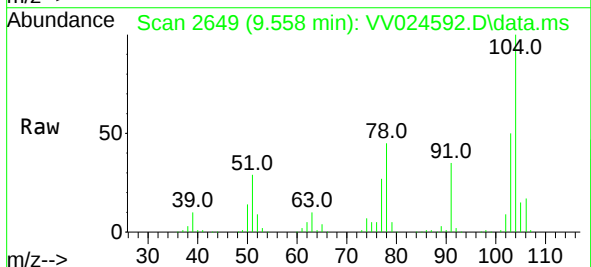
Instrument :
MSVOA_V
ClientSampleId :

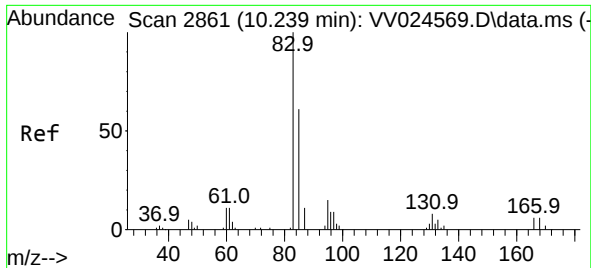
Tgt Ion:106 Resp: 107182
Ion Ratio Lower Upper
106 100
91 225.6 147.9 274.7



#55
Styrene
Concen: 5.474 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

Tgt Ion:104 Resp: 178751
Ion Ratio Lower Upper
104 100
78 44.8 31.0 57.6

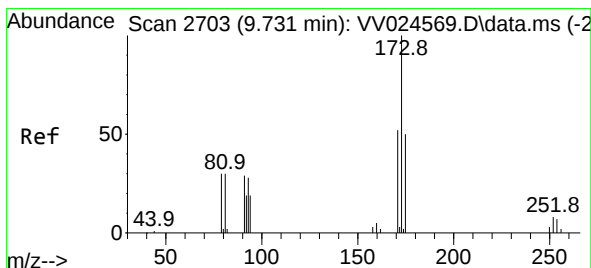
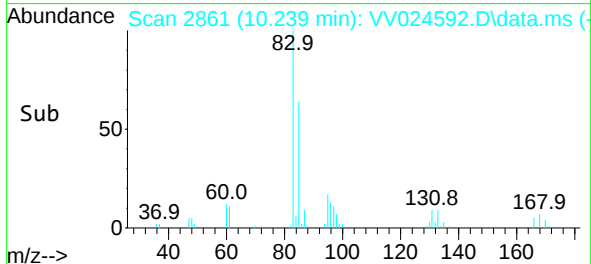
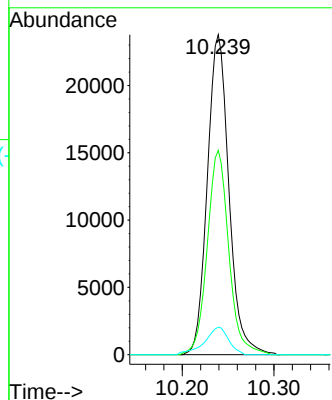
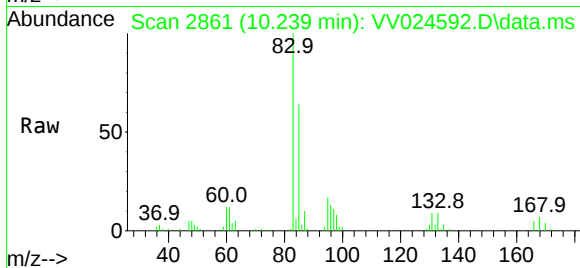




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.438 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024592.D
 Acq: 11 Feb 2022 09:31

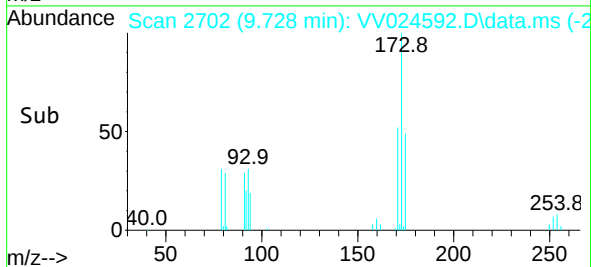
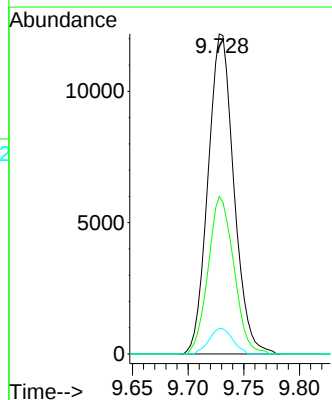
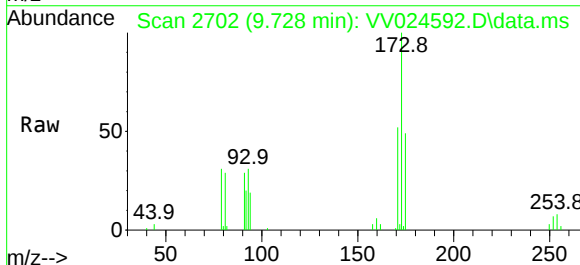
Instrument :
 MSVOA_V
 ClientSampleId :

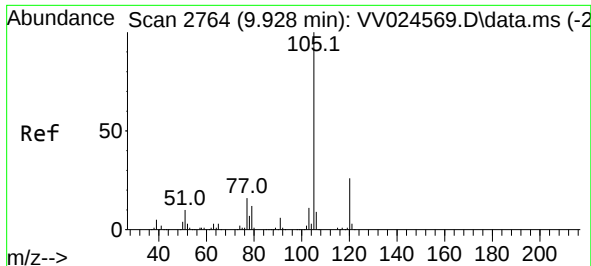
Tgt Ion: 83 Resp: 38875
 Ion Ratio Lower Upper
 83 100
 85 63.8 44.6 82.8
 131 8.6 8.3 12.5



#59
 Bromoform
 Concen: 5.166 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.003 min
 Lab File: VV024592.D
 Acq: 11 Feb 2022 09:31

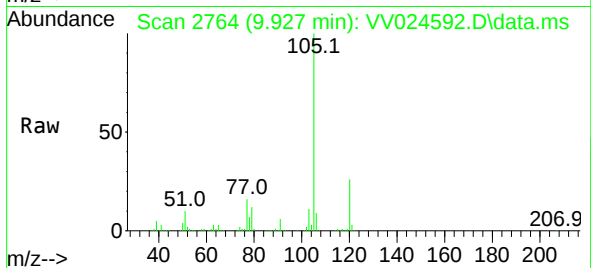
Tgt Ion: 173 Resp: 19706
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.4 59.2
 254 7.3 7.4 11.0#



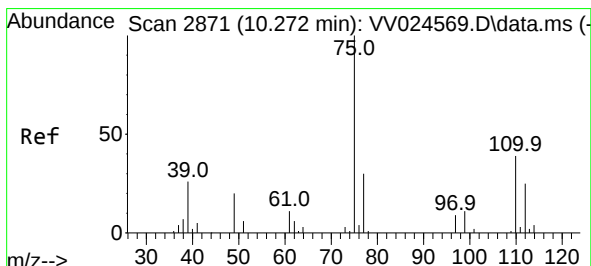
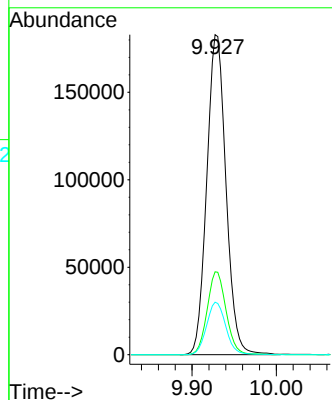
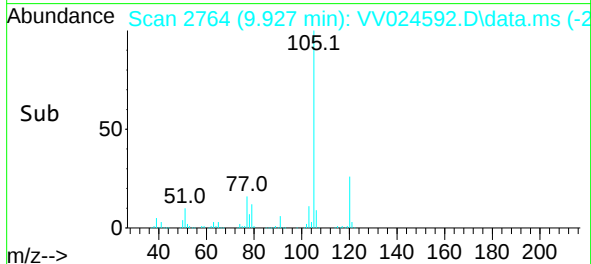


#60
Isopropylbenzene
Concen: 5.356 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

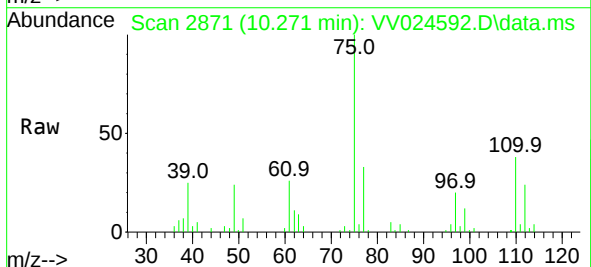
Instrument :
MSVOA_V
ClientSampleId :



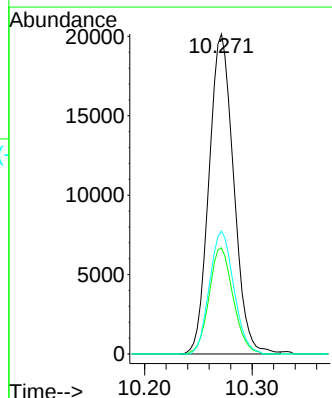
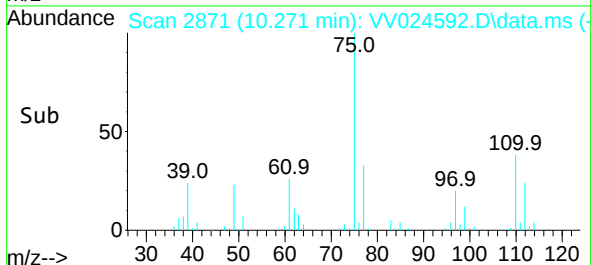
Tgt Ion:105 Resp: 290036
Ion Ratio Lower Upper
105 100
120 25.5 21.4 32.0
77 16.5 12.2 18.4

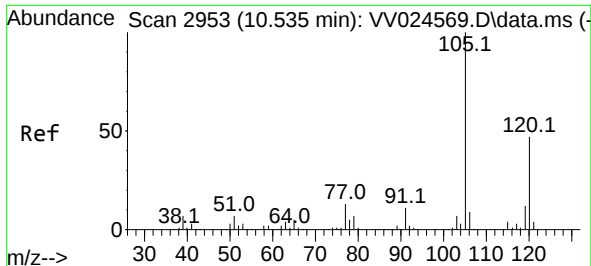


#61
1,2,3-Trichloropropane
Concen: 5.446 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31



Tgt Ion: 75 Resp: 32054
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
110 37.8 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.387 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV024592.D

Acq: 11 Feb 2022 09:31

Instrument :

MSVOA_V

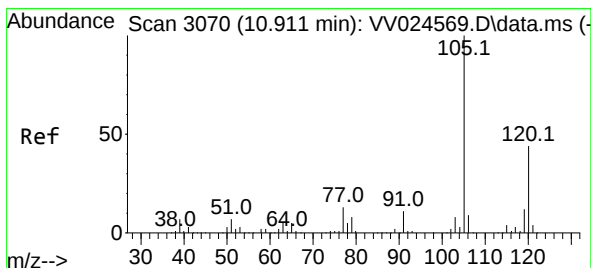
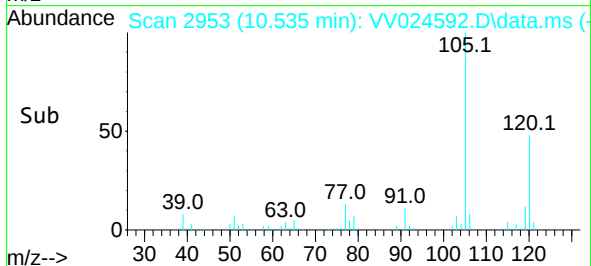
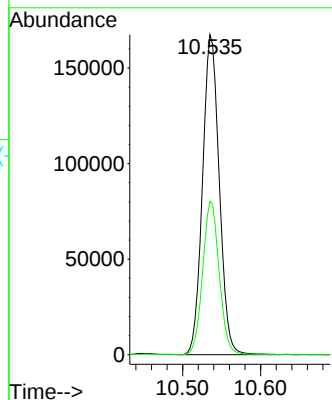
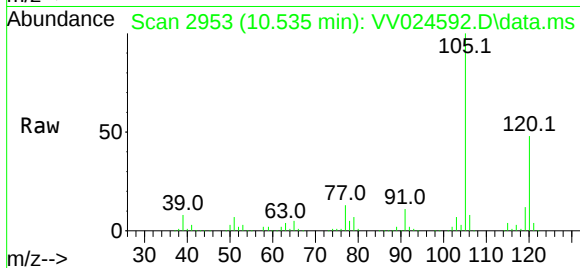
ClientSampleId :

Tgt Ion:105 Resp: 249770

Ion Ratio Lower Upper

105 100

120 47.5 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.397 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024592.D

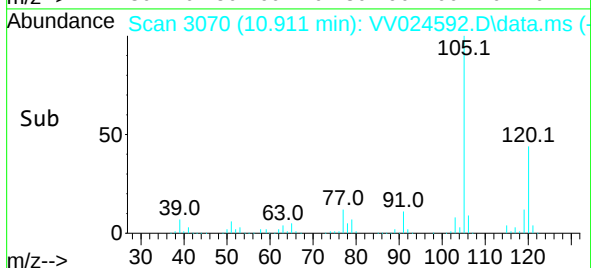
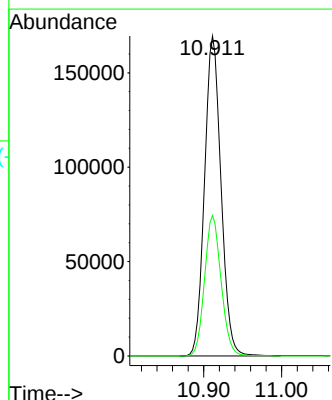
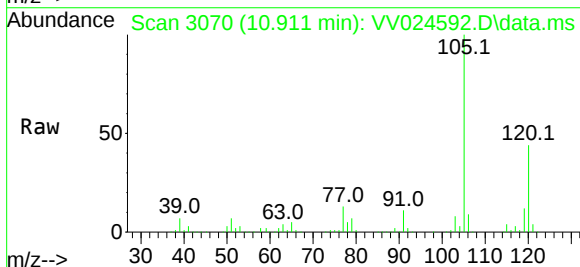
Acq: 11 Feb 2022 09:31

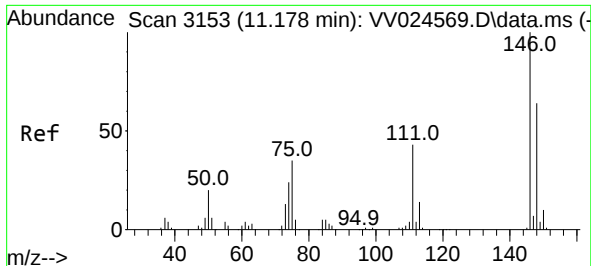
Tgt Ion:105 Resp: 248758

Ion Ratio Lower Upper

105 100

120 43.9 36.7 55.1

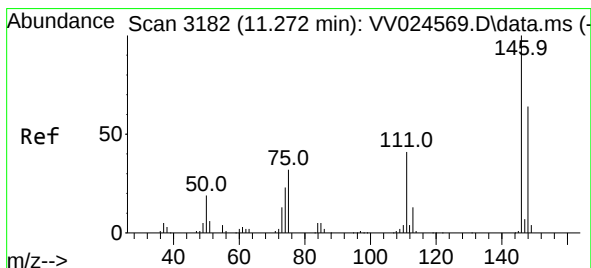
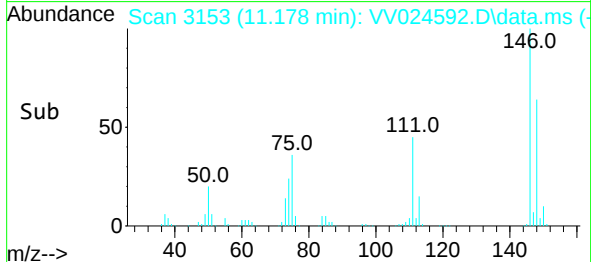
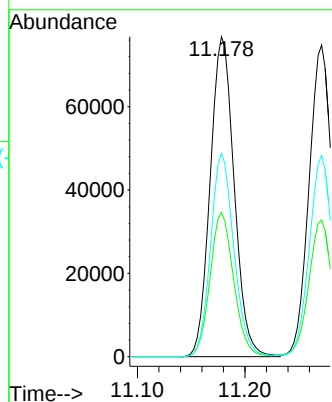
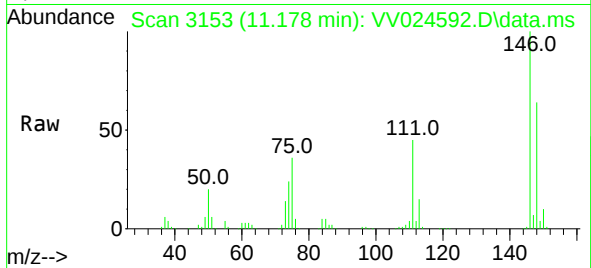




#64
1,3-Dichlorobenzene
Concen: 5.391 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

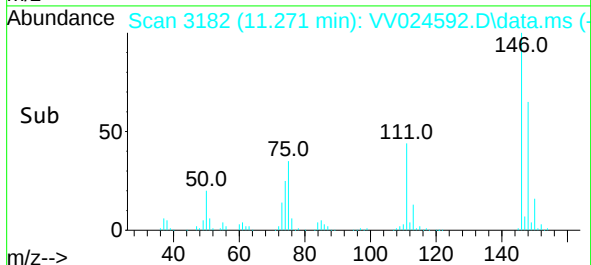
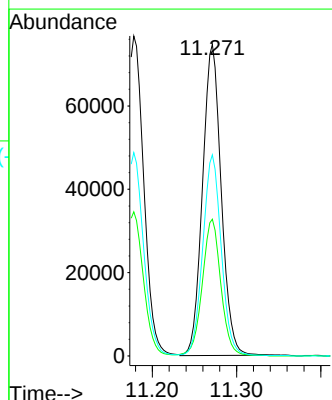
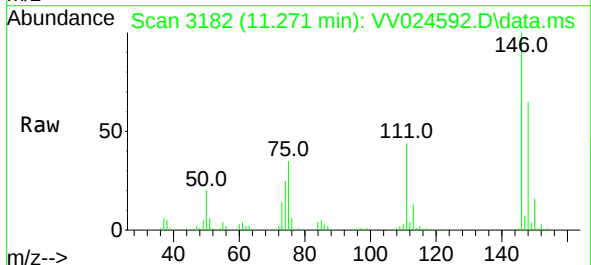
Instrument :
MSVOA_V
ClientSampleId :

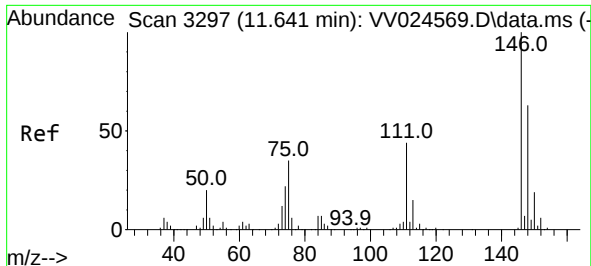
Tgt Ion:146 Resp: 118811
Ion Ratio Lower Upper
146 100
111 45.1 26.3 48.9
148 63.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.276 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

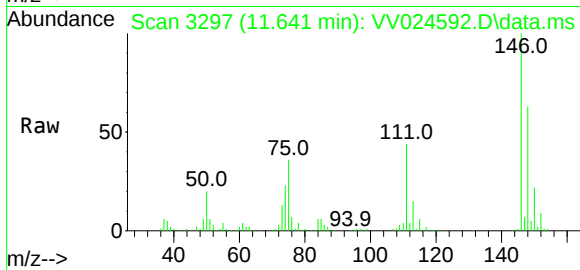
Tgt Ion:146 Resp: 115497
Ion Ratio Lower Upper
146 100
111 43.9 25.6 47.6
148 64.5 44.8 83.2



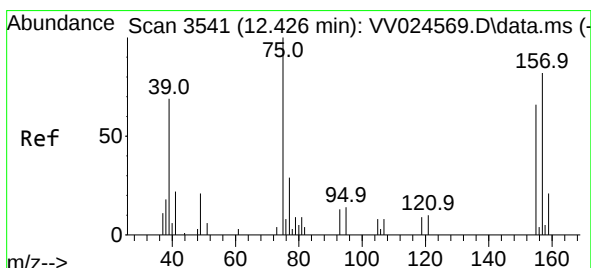
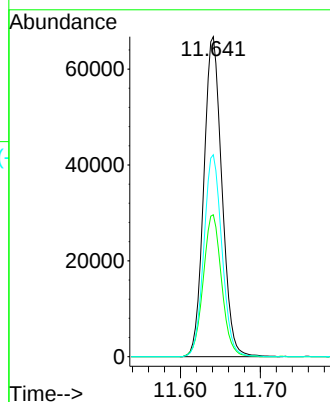
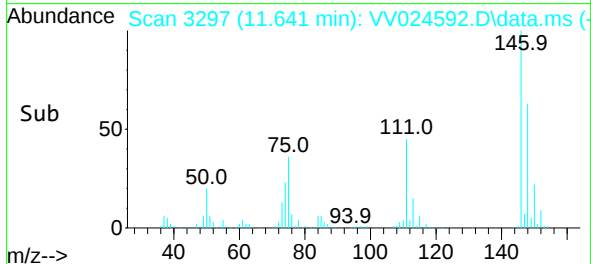


#67
1,2-Dichlorobenzene
Concen: 5.379 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

Instrument :
MSVOA_V
ClientSampleId :

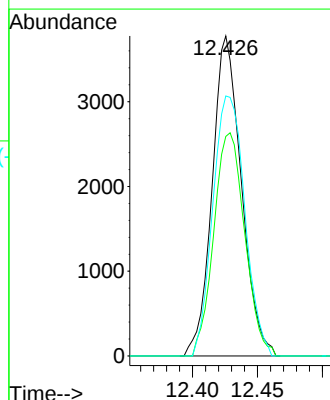
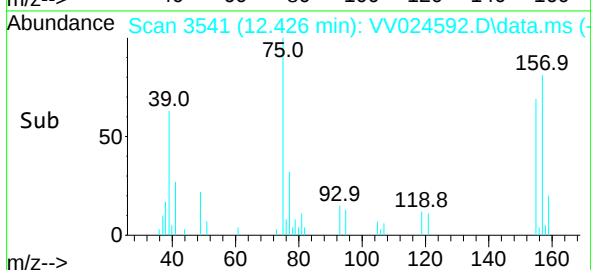
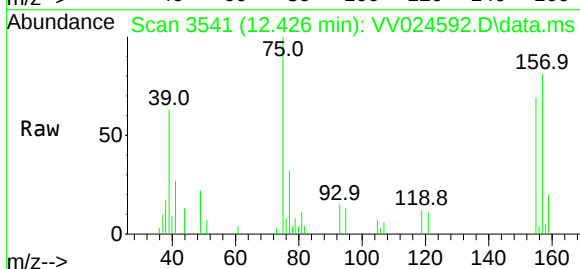


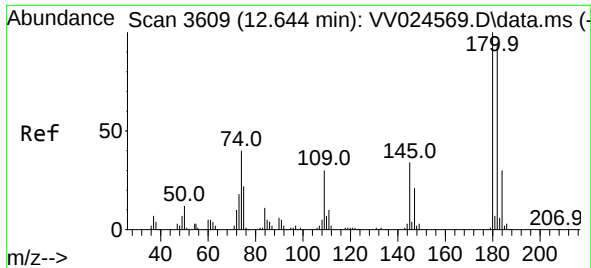
Tgt Ion:146 Resp: 105249
Ion Ratio Lower Upper
146 100
111 44.4 31.9 47.9
148 63.1 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.148 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

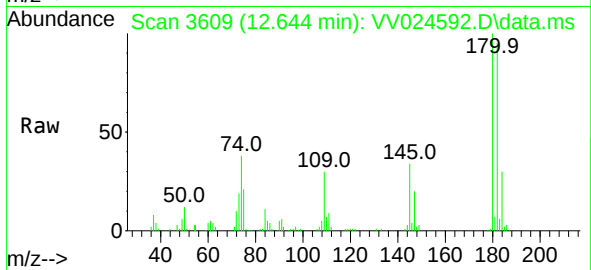
Tgt Ion: 75 Resp: 5885
Ion Ratio Lower Upper
75 100
155 68.6 71.7 107.5#
157 81.3 103.3 154.9#



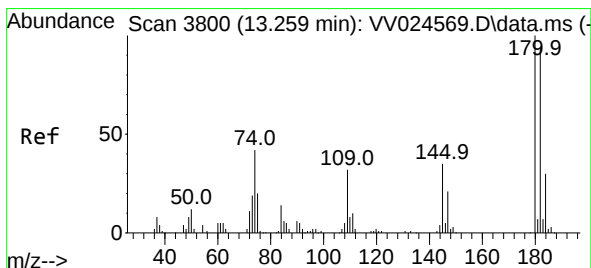
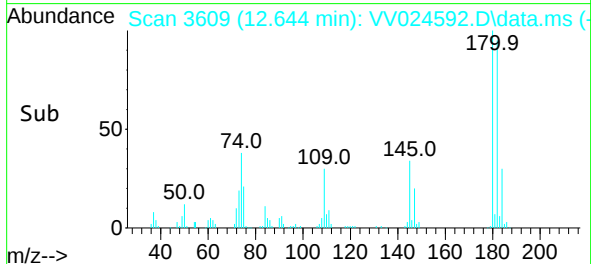
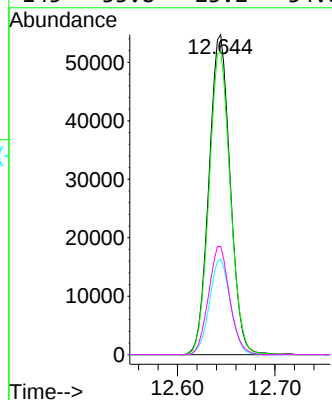


#69
 1,3,5-Trichlorobenzene
 Concen: 5.282 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV024592.D
 Acq: 11 Feb 2022 09:31

Instrument :
 MSVOA_V
 ClientSampleId :

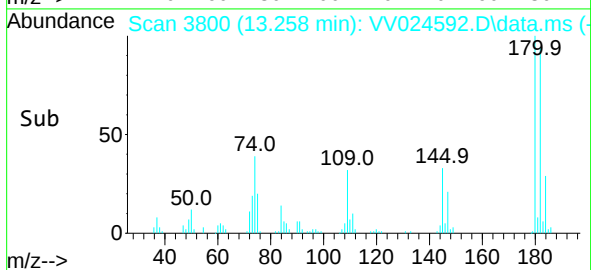
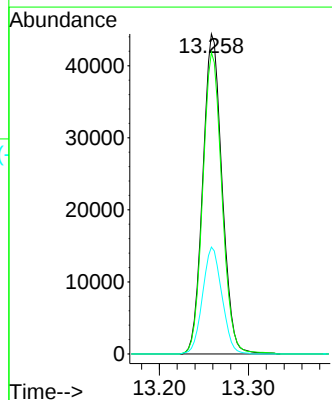
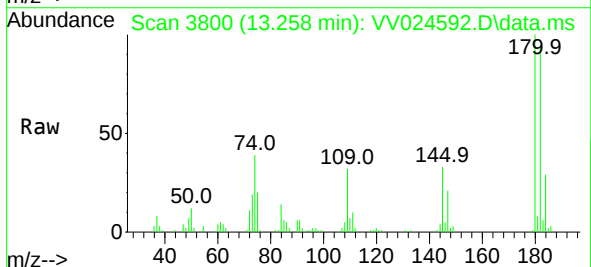


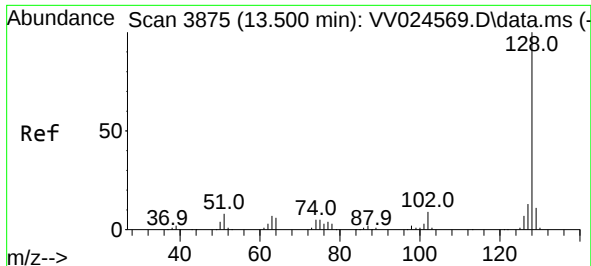
Tgt Ion:180 Resp: 82830
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.4 114.6
 184 29.5 24.2 36.4
 145 33.8 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.247 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024592.D
 Acq: 11 Feb 2022 09:31

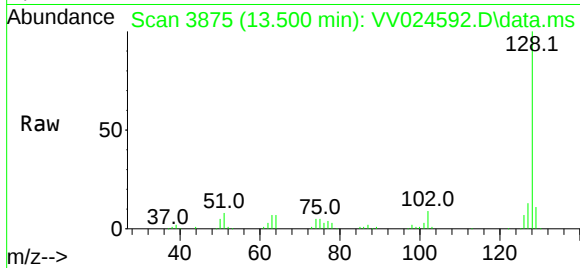
Tgt Ion:180 Resp: 66442
 Ion Ratio Lower Upper
 180 100
 182 93.9 74.4 111.6
 145 33.6 23.3 34.9



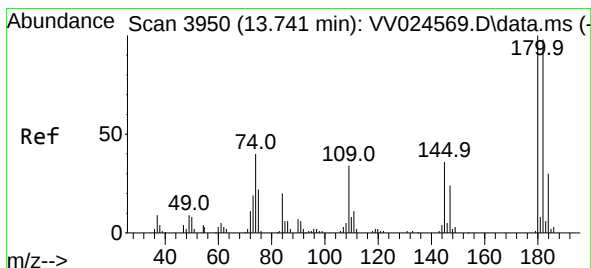
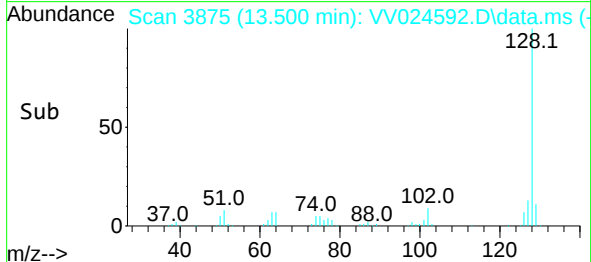
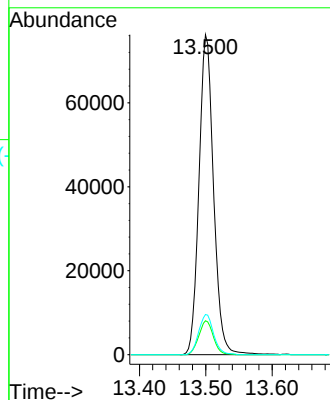


#71
Naphthalene
Concen: 5.086 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 116648
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.177 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024592.D
Acq: 11 Feb 2022 09:31

Tgt Ion:180 Resp: 55139
Ion Ratio Lower Upper
180 100
182 94.4 76.8 115.2
145 35.0 25.8 38.6

