

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020922\
 Data File : VW024567.D
 Acq On : 09 Feb 2022 14:20
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 20:11:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 09 13:41:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	138684	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	137790	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72142	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56556	4.865	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.568	69	47537	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.111	63	123310	4.849	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.899	46	70462	36.512	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.020%
24) Chloroform-d	4.342	84	103870	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.027	65	47427	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.043	84	203005	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.066	67	59979	4.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.310	98	189795	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
43) trans-1,3-Dichloroprop...	7.619	79	25407	5.174	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.400%
46) 2-Hexanone-d5	8.085	63	92140	53.259	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38551	5.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	59700	5.134	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	94483	5.185	ug/L	99
3) Chloromethane	1.243	50	86589	4.829	ug/L	99
5) Vinyl chloride	1.314	62	93051	4.819	ug/L	99
6) Bromomethane	1.523	94	58419	4.914	ug/L	97
8) Chloroethane	1.587	64	56904	4.811	ug/L	96
9) Trichlorofluoromethane	1.754	101	131296	5.031	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	73231	5.033	ug/L #	86
12) 1,1-Dichloroethene	2.121	96	68962	4.803	ug/L	92
13) Acetone	2.188	43	36893	24.225	ug/L	88
14) Carbon disulfide	2.294	76	216952	4.754	ug/L	100
15) Methyl Acetate	2.439	43	13636	3.131	ug/L	95
16) Methylene chloride	2.506	84	64973	4.567	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	141638	4.787	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	69493	4.926	ug/L	93
19) 1,1-Dichloroethane	3.188	63	121633	4.993	ug/L	98
21) 2-Butanone	3.979	43	78616	31.147	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	70974	4.991	ug/L	91
23) Bromochloromethane	4.243	128	27931	5.171	ug/L	88
25) Chloroform	4.368	83	126609	4.965	ug/L	100

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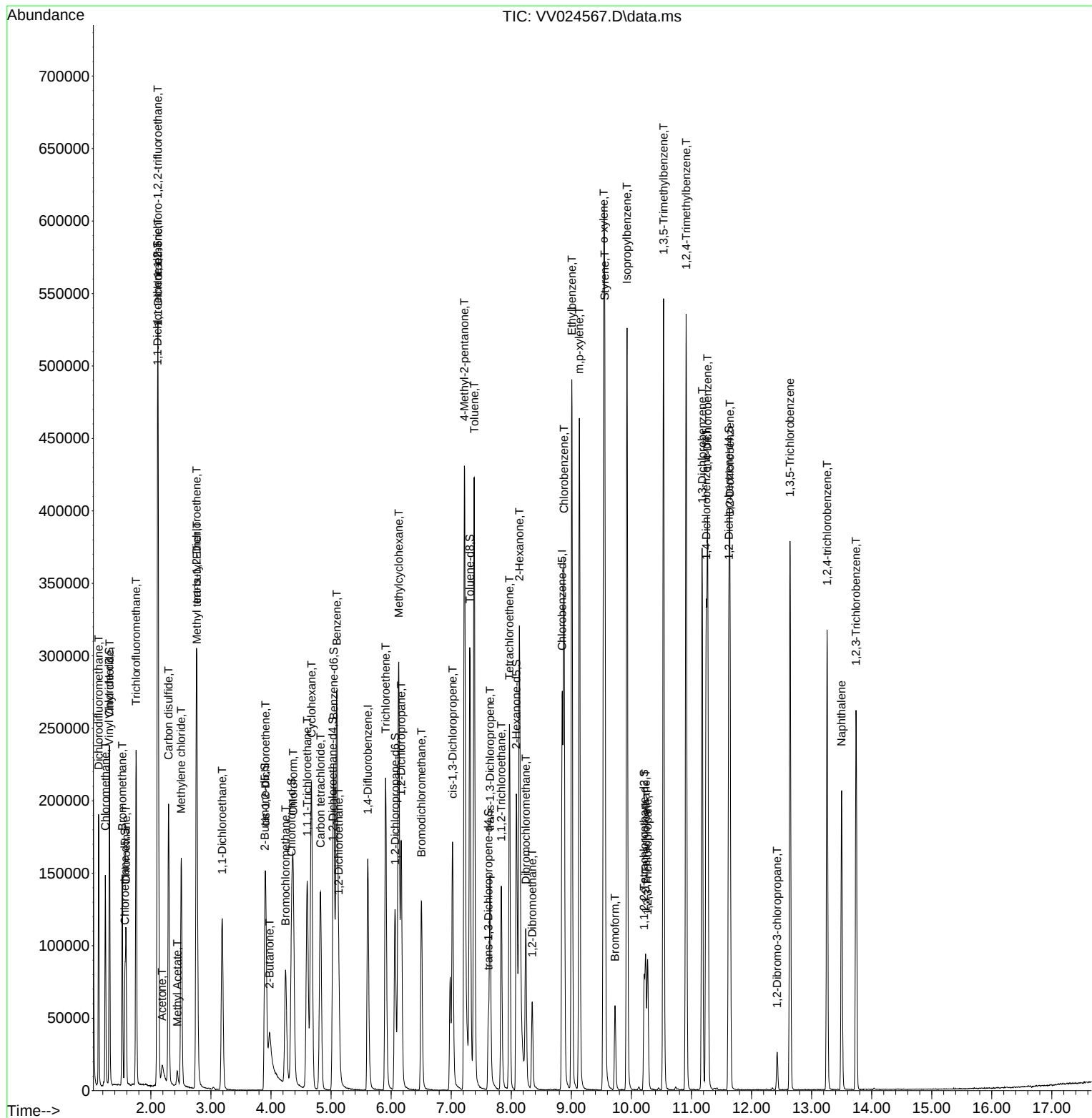
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70085	5.013	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	116978	5.175	ug/L	98
30) Cyclohexane	4.674	56	120249	5.164	ug/L	96
31) Carbon tetrachloride	4.825	117	99753	5.211	ug/L	100
33) Benzene	5.095	78	276674	5.145	ug/L	100
34) Trichloroethene	5.908	95	76895	5.193	ug/L	90
35) Methylcyclohexane	6.127	83	128292	5.237	ug/L	98
37) 1,2-Dichloropropane	6.169	63	65931	5.058	ug/L	97
38) Bromodichloromethane	6.506	83	89771	5.182	ug/L #	97
39) cis-1,3-Dichloropropene	7.024	75	103987	5.235	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	333806	49.626	ug/L	99
42) Toluene	7.384	91	302002	5.155	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	87765	5.349	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	42321	5.010	ug/L	96
47) Tetrachloroethene	7.969	164	49973	5.087	ug/L	92
48) 2-Hexanone	8.136	43	244907	53.189	ug/L	100
49) Dibromochloromethane	8.243	129	52605	5.157	ug/L	97
50) 1,2-Dibromoethane	8.349	107	41727	5.263	ug/L #	99
51) Chlorobenzene	8.876	112	184107	5.128	ug/L	92
52) Ethylbenzene	9.008	91	336708	5.166	ug/L	99
53) m,p-xylene	9.133	106	126479	5.123	ug/L	95
54) o-xylene	9.538	106	121979	5.124	ug/L	92
55) Styrene	9.558	104	202157	5.172	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	43816	5.121	ug/L	96
59) Bromoform	9.728	173	24478	5.310	ug/L #	96
60) Isopropylbenzene	9.927	105	333603	5.098	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	36122	5.079	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	284053	5.070	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	285222	5.121	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	138426	5.197	ug/L	96
65) 1,4-Dichlorobenzene	11.268	146	135973	5.140	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	121490	5.138	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.426	75	6746	4.883	ug/L	82
69) 1,3,5-Trichlorobenzene	12.641	180	97681	5.155	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	81383	5.319	ug/L	97
71) Naphthalene	13.500	128	151084	5.451	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	67548	5.249	ug/L	98

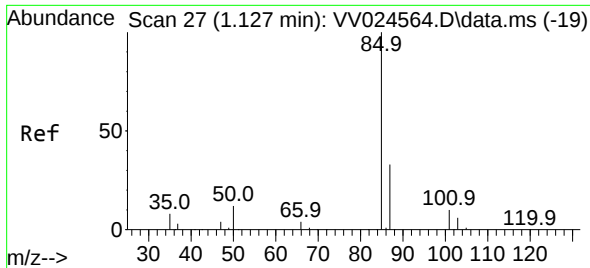
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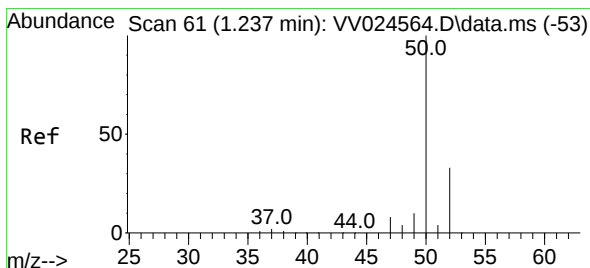
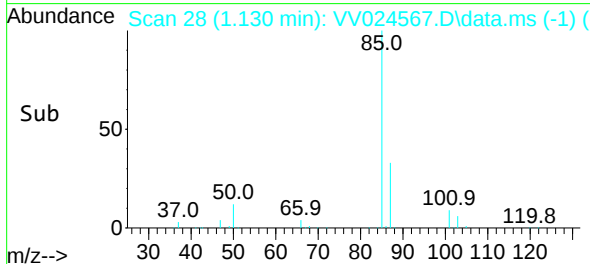
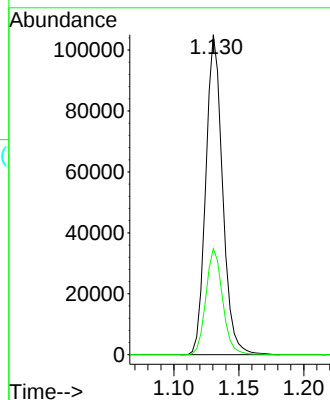
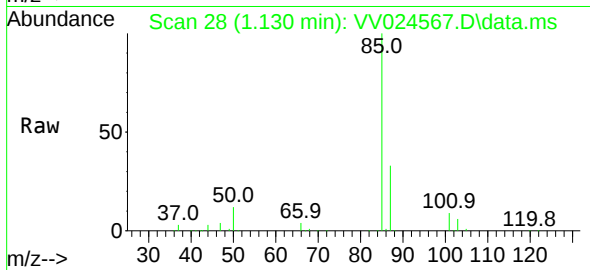




#2
 Dichlorodifluoromethane
 Concen: 5.185 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV024567.D
 Acq: 09 Feb 2022 14:20

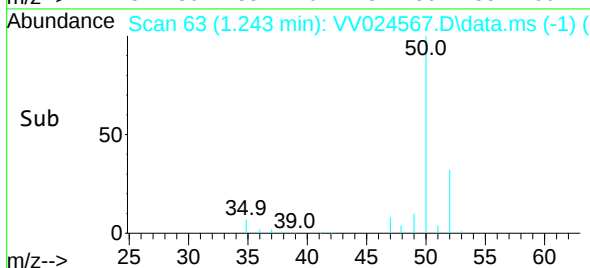
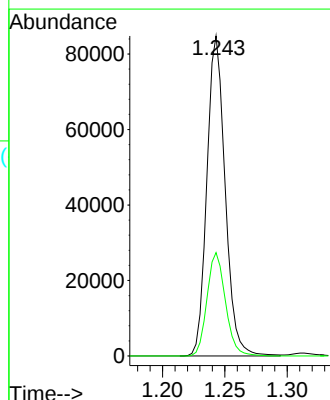
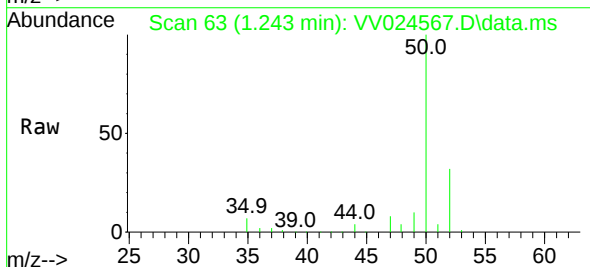
Instrument :
 MSVOA_V
 ClientSampleId :

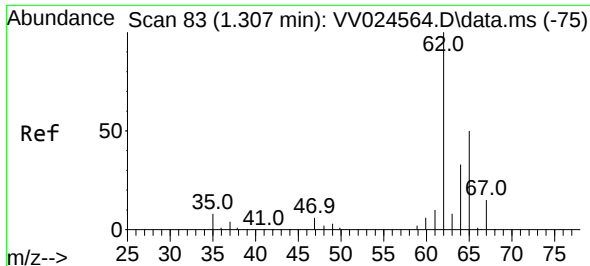
Tgt Ion: 85 Resp: 94483
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.0 39.0



#3
 Chloromethane
 Concen: 4.829 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.006 min
 Lab File: VV024567.D
 Acq: 09 Feb 2022 14:20

Tgt Ion: 50 Resp: 86589
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.0 41.0

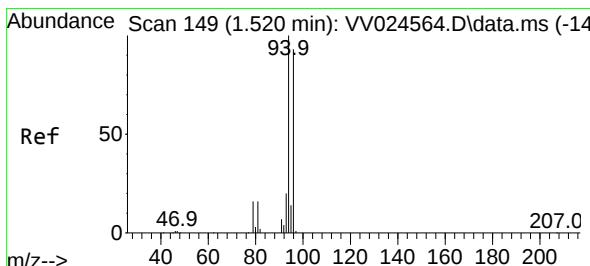
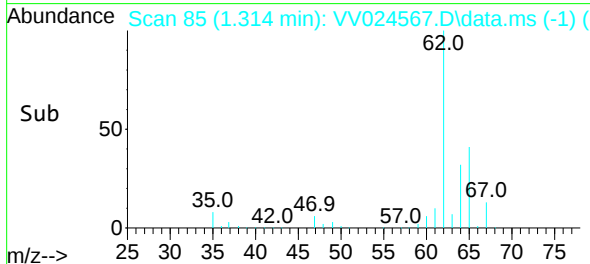
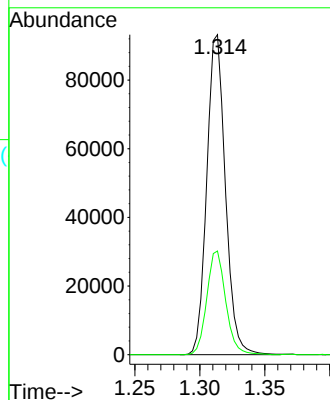
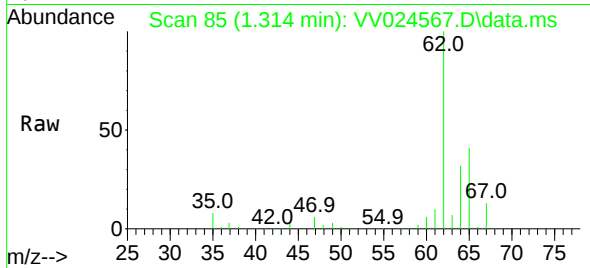




#5
 Vinyl chloride
 Concen: 4.819 ug/L
 RT: 1.314 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VV024567.D
 Acq: 09 Feb 2022 14:20

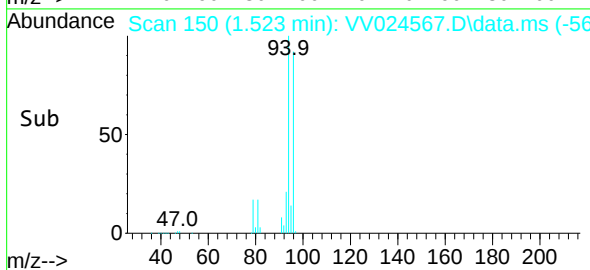
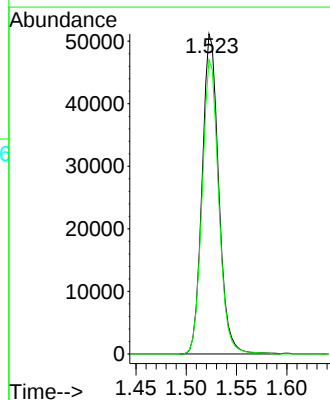
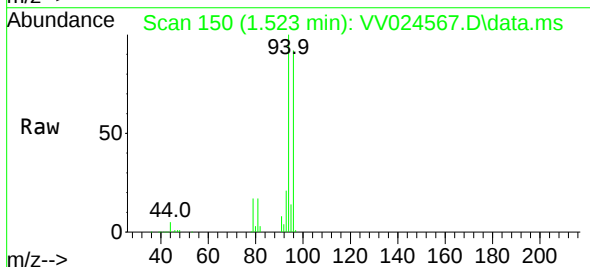
Instrument :
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 ClientSampleId :

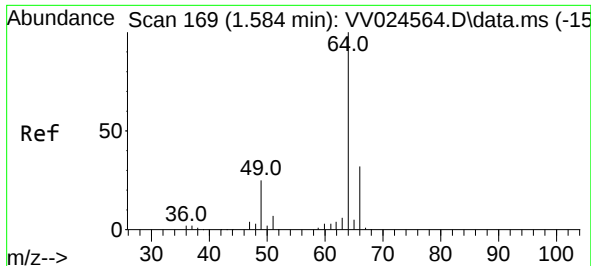
Tgt Ion: 62 Resp: 93051
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.4 41.6



#6
 Bromomethane
 Concen: 4.914 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV024567.D
 Acq: 09 Feb 2022 14:20

Tgt Ion: 94 Resp: 58419
 Ion Ratio Lower Upper
 94 100
 96 91.9 66.2 123.0





#8

Chloroethane

Concen: 4.811 ug/L

RT: 1.587 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

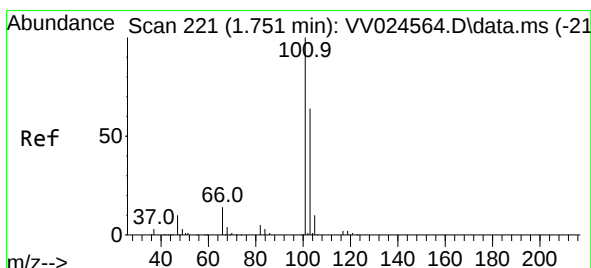
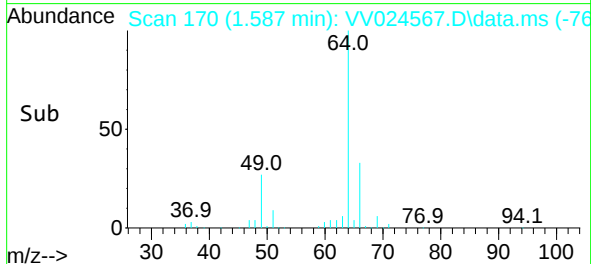
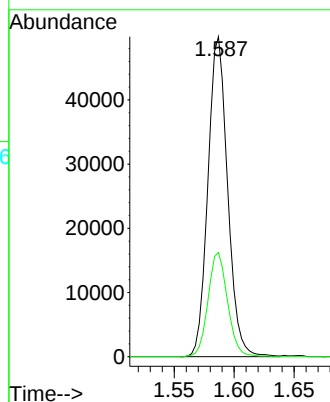
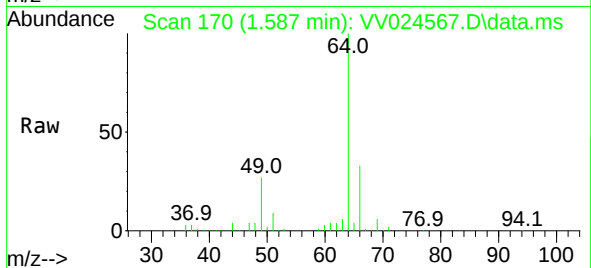
ClientSampleId :

Tgt Ion: 64 Resp: 56904

Ion Ratio Lower Upper

64 100

66 32.6 21.4 39.8



#9

Trichlorofluoromethane

Concen: 5.031 ug/L

RT: 1.754 min Scan# 222

Delta R.T. 0.003 min

Lab File: VV024567.D

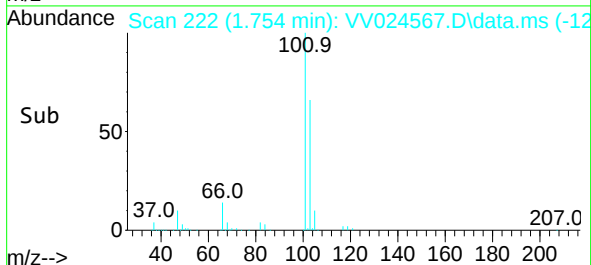
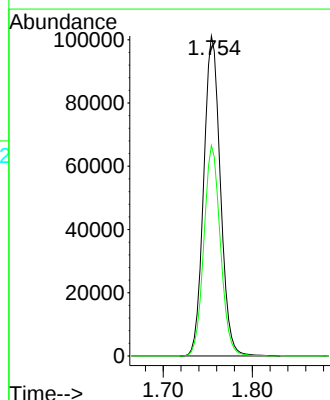
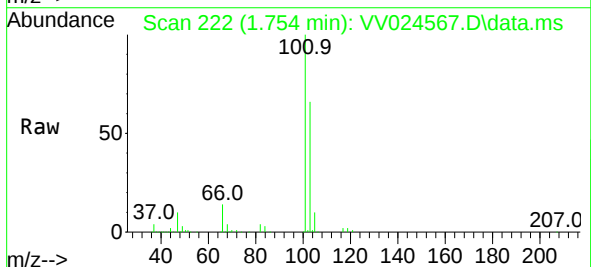
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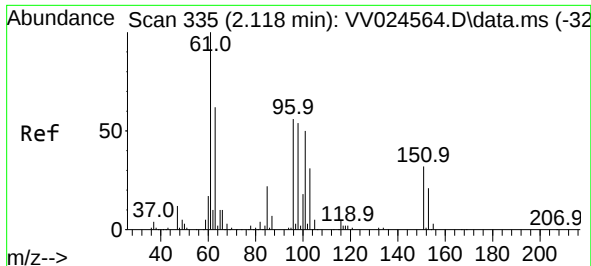
Tgt Ion:101 Resp: 131296

Ion Ratio Lower Upper

101 100

103 65.3 51.6 77.4

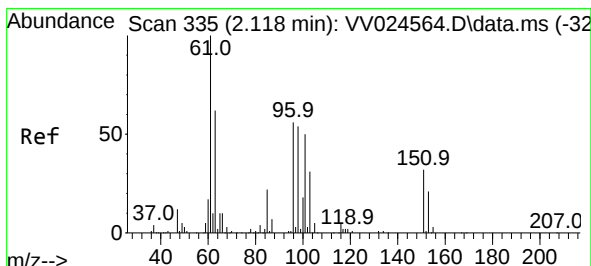
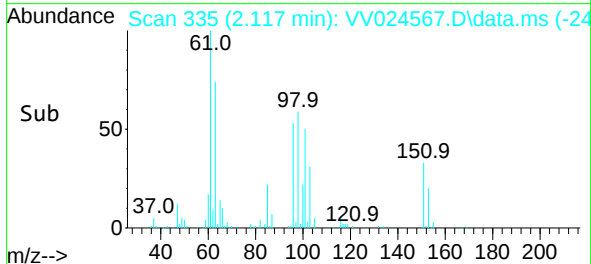
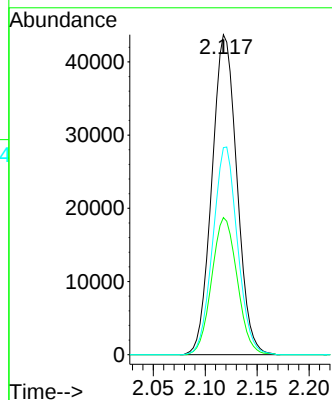
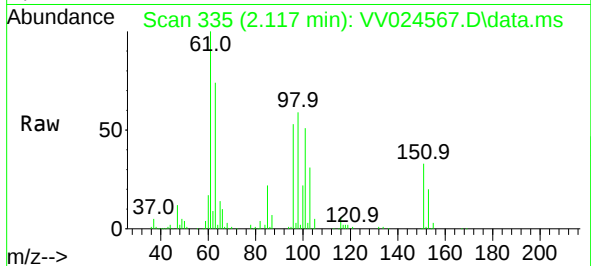




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.033 ug/L
 RT: 2.117 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV024567.D
 Acq: 09 Feb 2022 14:20

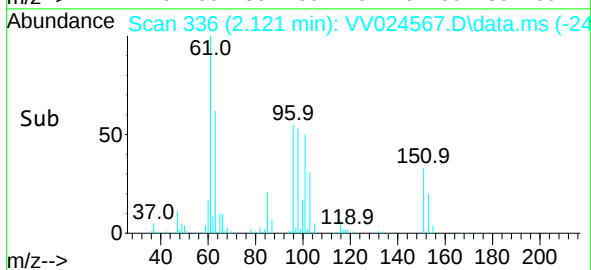
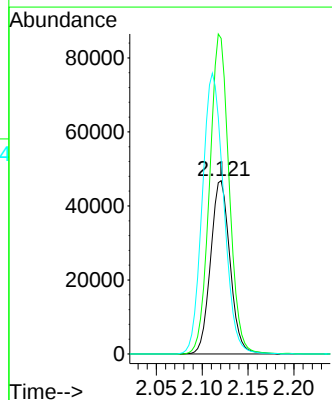
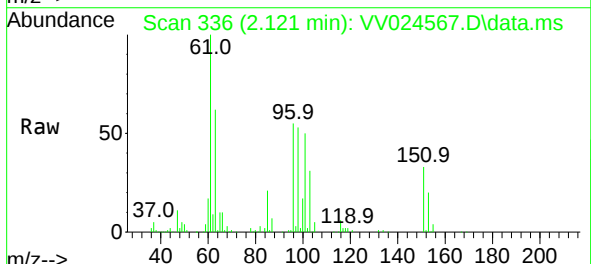
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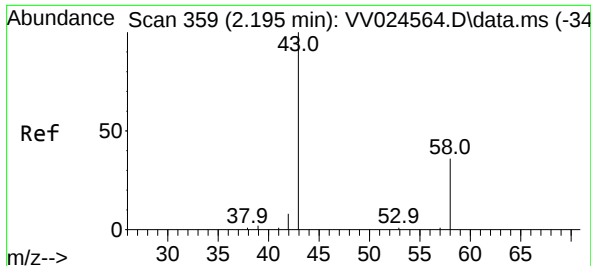
Tgt Ion:101 Resp: 73231
 Ion Ratio Lower Upper
 101 100
 85 43.6 36.0 54.0
 151 64.2 66.4 99.6#



#12
 1,1-Dichloroethene
 Concen: 4.803 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024567.D
 Acq: 09 Feb 2022 14:20

Tgt Ion: 96 Resp: 68962
 Ion Ratio Lower Upper
 96 100
 61 182.1 116.1 215.5
 63 112.2 79.4 147.4





#13

Acetone

Concen: 24.225 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

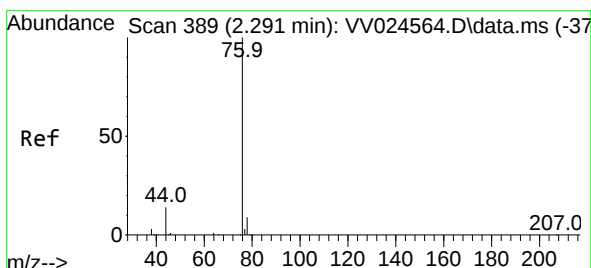
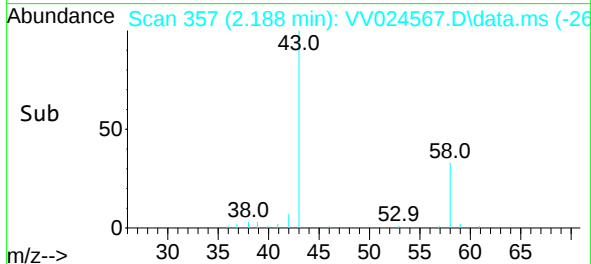
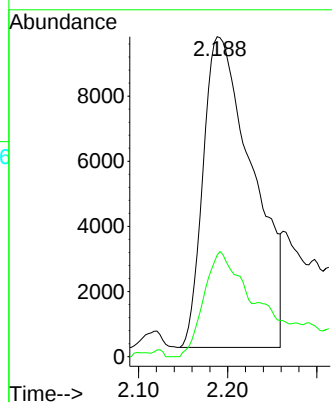
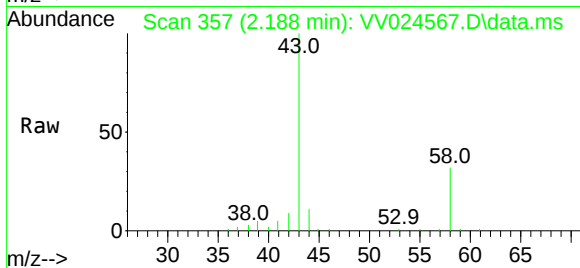
ClientSampleId :

Tgt Ion: 43 Resp: 36893

Ion Ratio Lower Upper

43 100

58 26.5 0.0 41.4



#14

Carbon disulfide

Concen: 4.754 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV024567.D

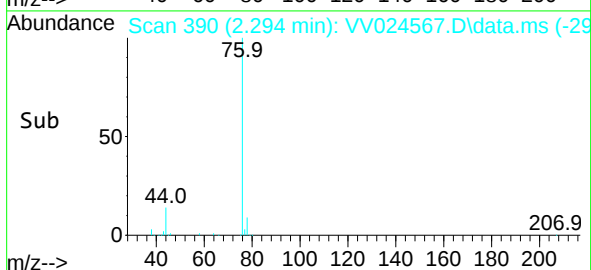
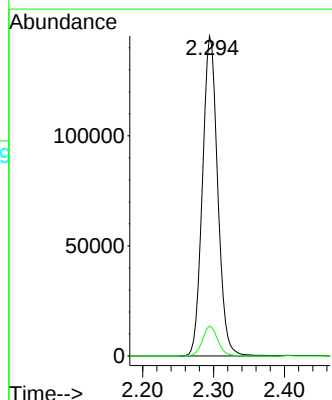
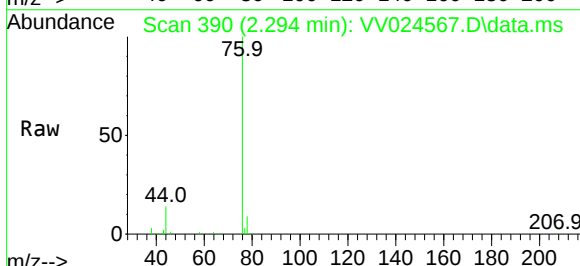
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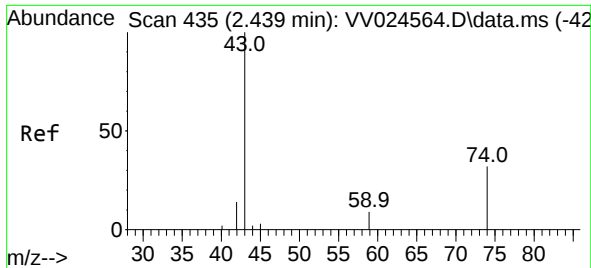
Tgt Ion: 76 Resp: 216952

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





#15

Methyl Acetate

Concen: 3.131 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

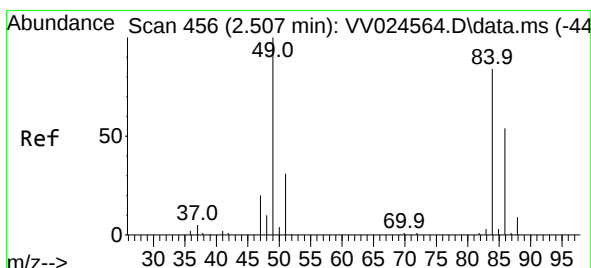
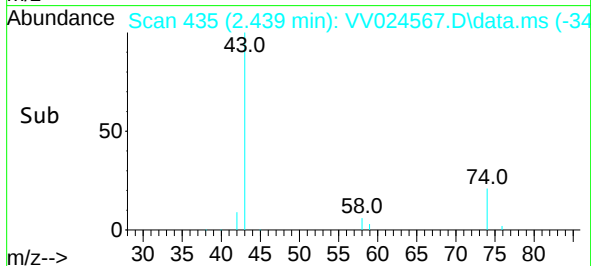
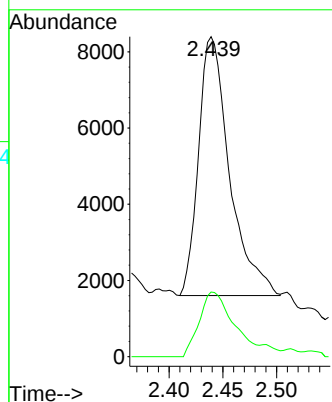
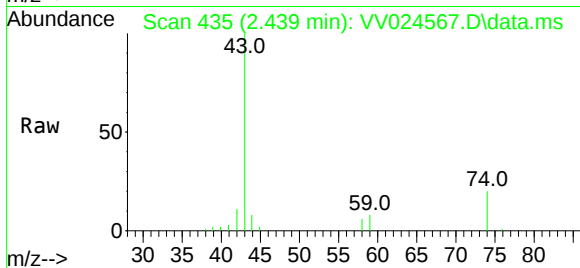
ClientSampleId :

Tgt Ion: 43 Resp: 13636

Ion Ratio Lower Upper

43 100

74 27.7 20.2 30.2



#16

Methylene chloride

Concen: 4.567 ug/L

RT: 2.506 min Scan# 456

Delta R.T. -0.000 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

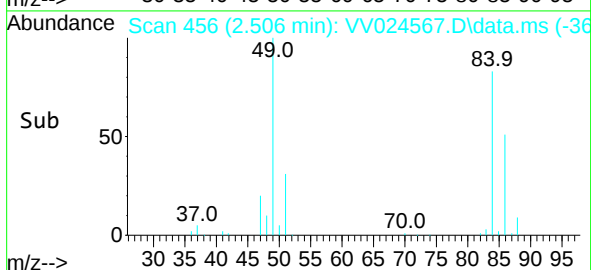
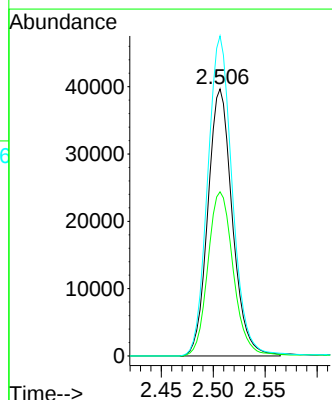
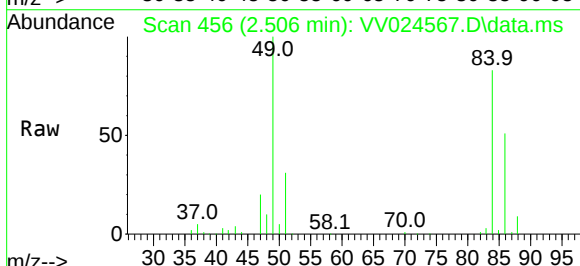
Tgt Ion: 84 Resp: 64973

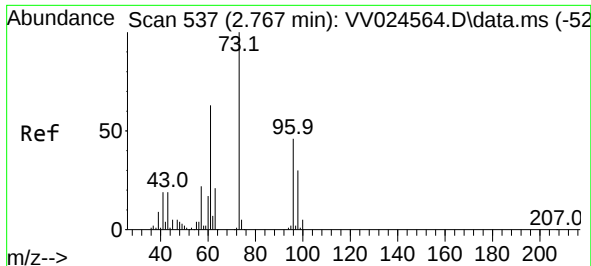
Ion Ratio Lower Upper

84 100

86 61.5 42.6 79.0

49 119.8 79.7 147.9

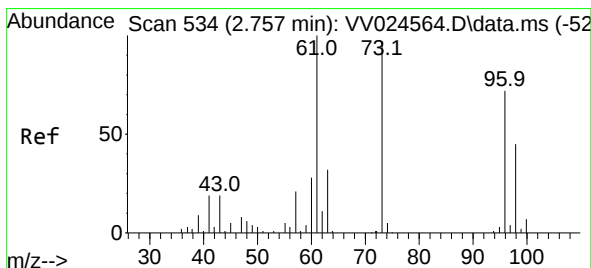
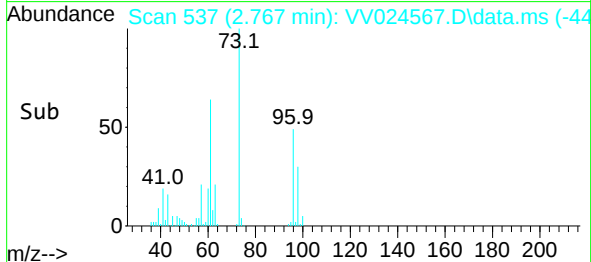
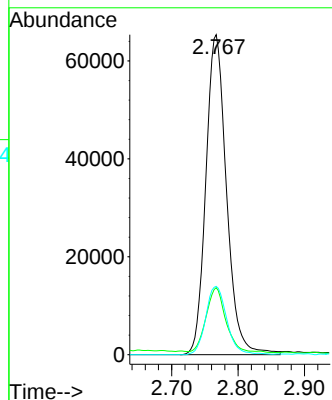
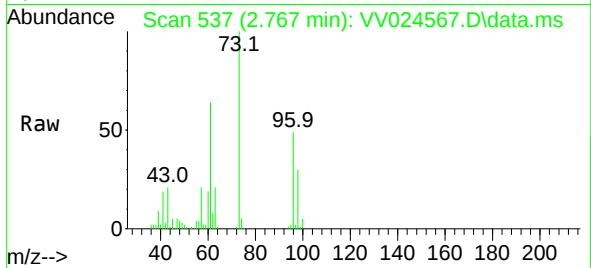




#17
Methyl tert-butyl Ether
Concen: 4.787 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024567.D
Acq: 09 Feb 2022 14:20

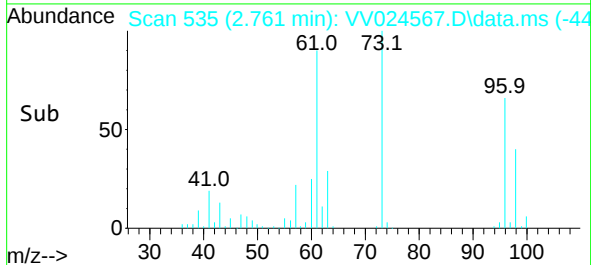
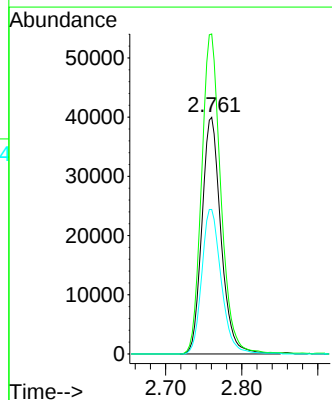
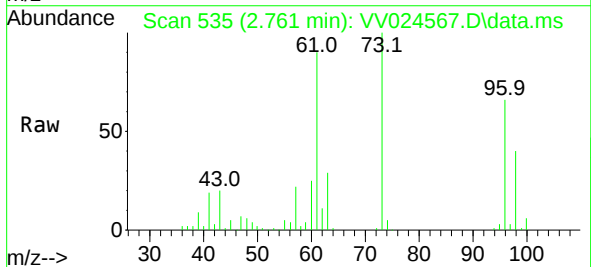
Instrument :
MSVOA_V
ClientSampleId :

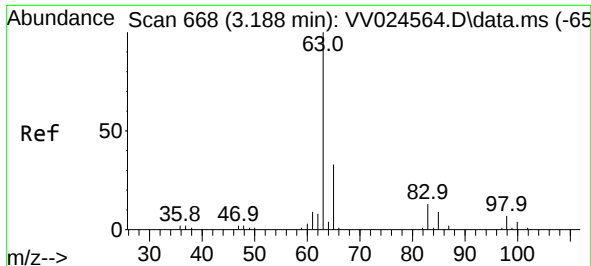
Tgt Ion: 73 Resp: 141638
Ion Ratio Lower Upper
73 100
43 18.5 15.5 23.3
57 21.8 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.926 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV024567.D
Acq: 09 Feb 2022 14:20

Tgt Ion: 96 Resp: 69493
Ion Ratio Lower Upper
96 100
61 135.2 88.2 163.8
98 61.0 44.9 83.5





#19

1,1-Dichloroethane

Concen: 4.993 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

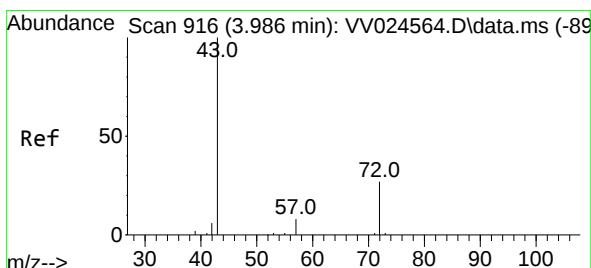
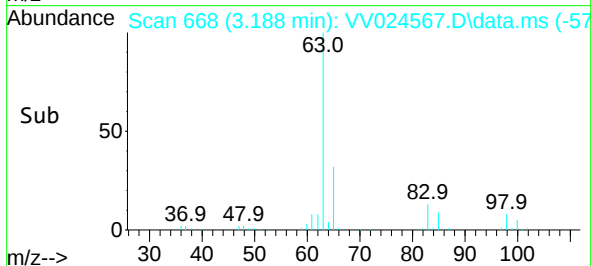
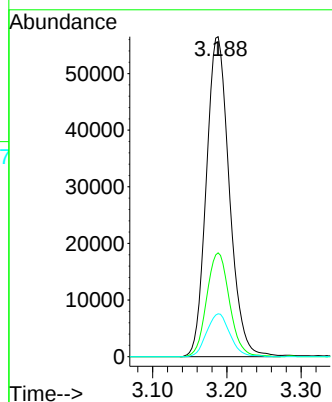
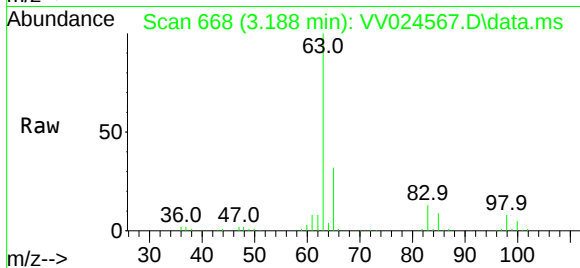
Tgt Ion: 63 Resp: 121633

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.3

83 13.4 10.7 19.9



#21

2-Butanone

Concen: 31.147 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.007 min

Lab File: VV024567.D

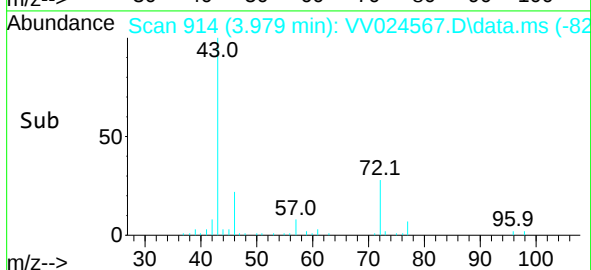
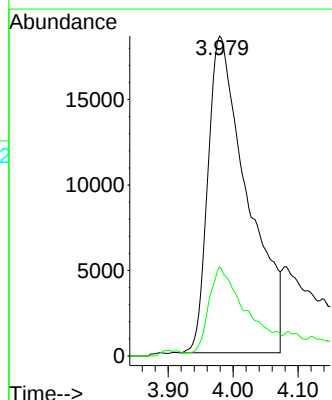
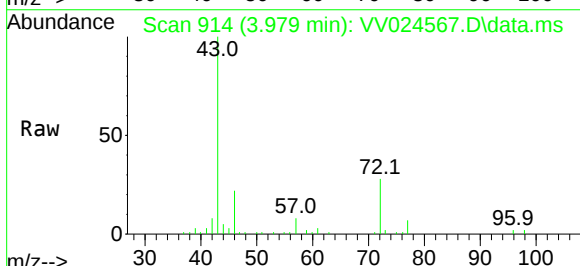
Acq: 09 Feb 2022 14:20

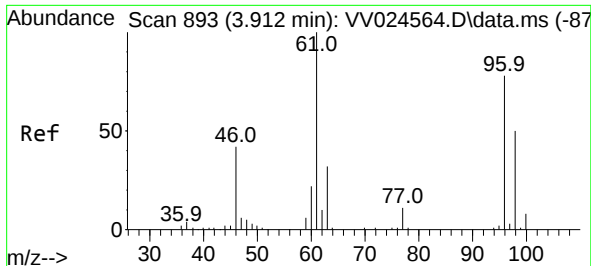
Tgt Ion: 43 Resp: 78616

Ion Ratio Lower Upper

43 100

72 24.5 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 4.991 ug/L

RT: 3.908 min Scan# 893

Delta R.T. -0.003 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

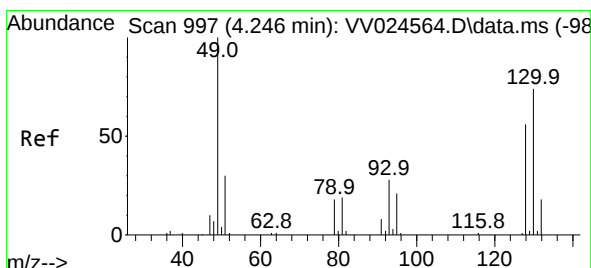
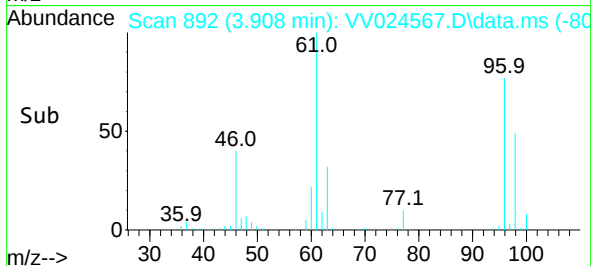
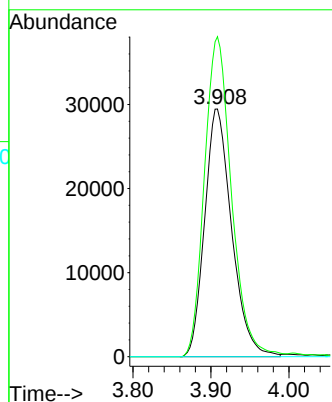
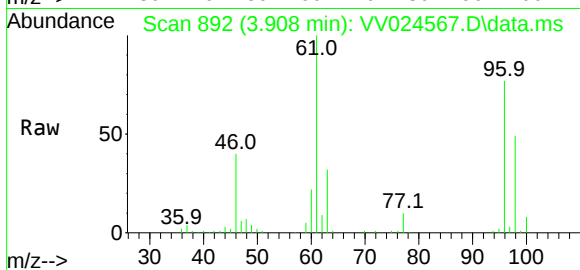
Tgt Ion: 96 Resp: 70974

Ion Ratio Lower Upper

96 100

61 129.2 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.171 ug/L

RT: 4.243 min Scan# 996

Delta R.T. -0.003 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Tgt Ion: 128 Resp: 27931

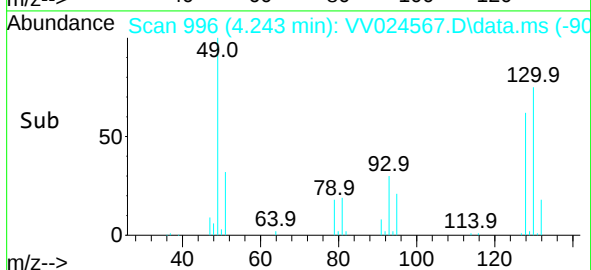
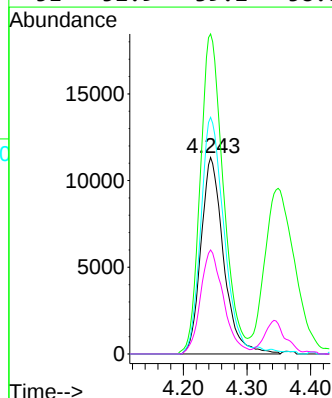
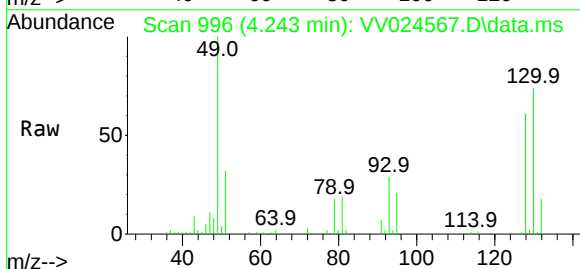
Ion Ratio Lower Upper

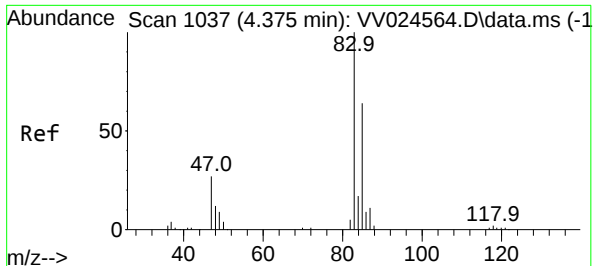
128 100

49 162.8 100.2 186.2

130 120.4 92.5 171.7

51 52.9 39.2 58.8

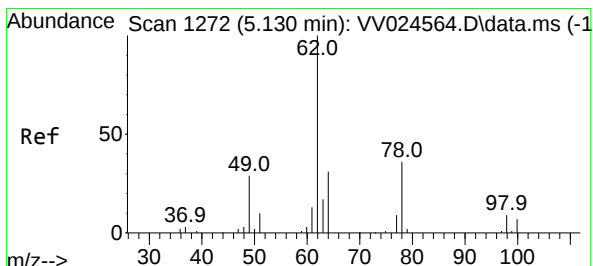
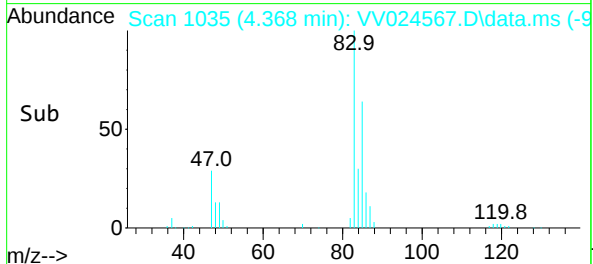
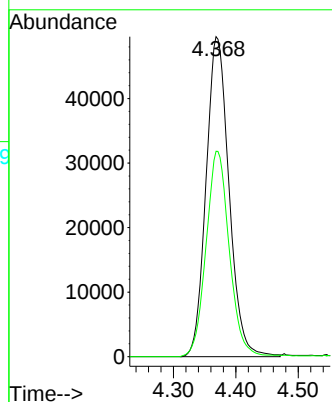
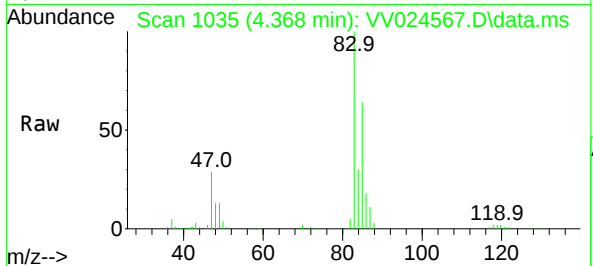




#25
Chloroform
Concen: 4.965 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VV024567.D
Acq: 09 Feb 2022 14:20

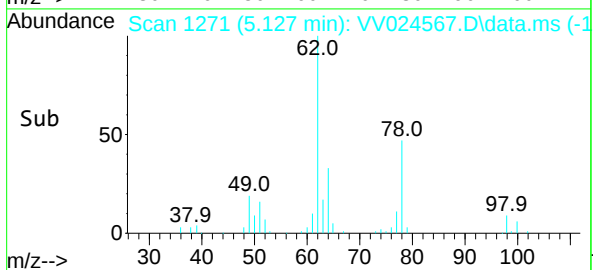
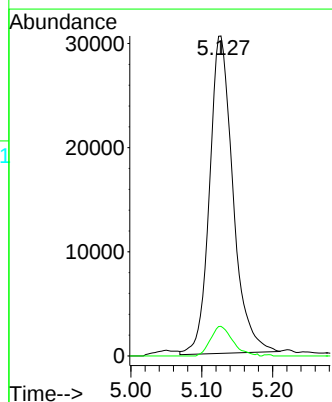
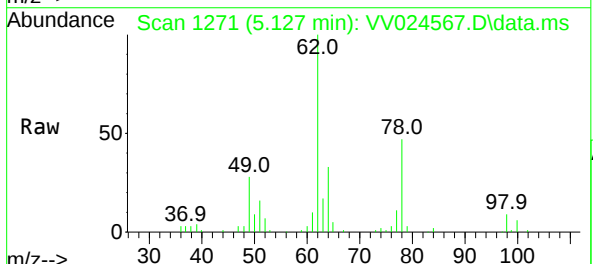
Instrument :
MSVOA_V
ClientSampleId :

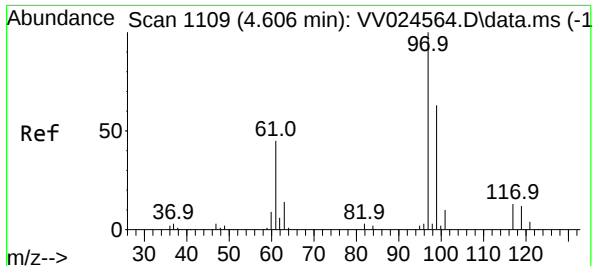
Tgt Ion: 83 Resp: 126609
Ion Ratio Lower Upper
83 100
85 64.2 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.013 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VV024567.D
Acq: 09 Feb 2022 14:20

Tgt Ion: 62 Resp: 70085
Ion Ratio Lower Upper
62 100
98 9.2 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.175 ug/L

RT: 4.603 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

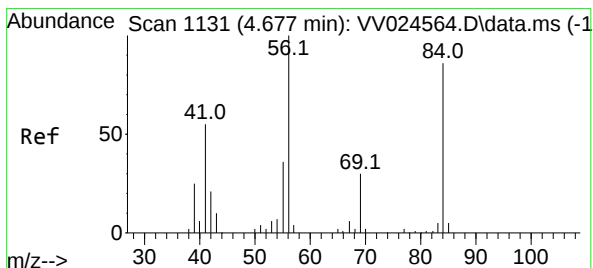
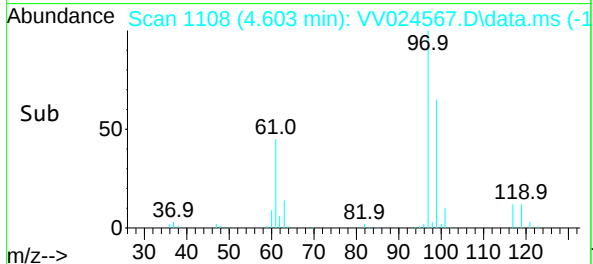
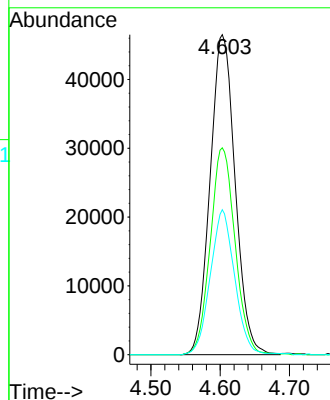
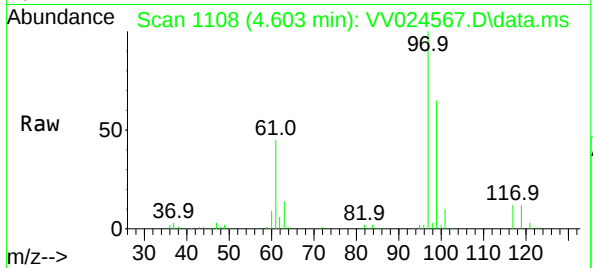
Tgt Ion: 97 Resp: 116978

Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

61 44.1 33.2 49.8



#30

Cyclohexane

Concen: 5.164 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

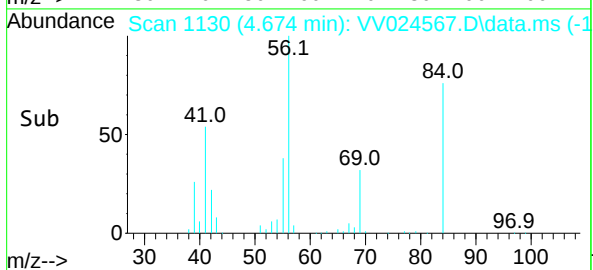
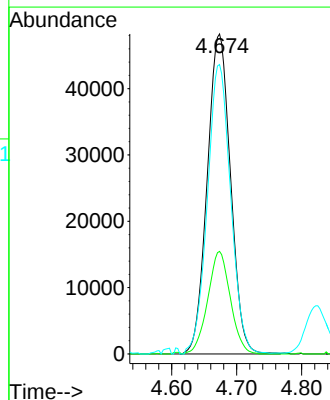
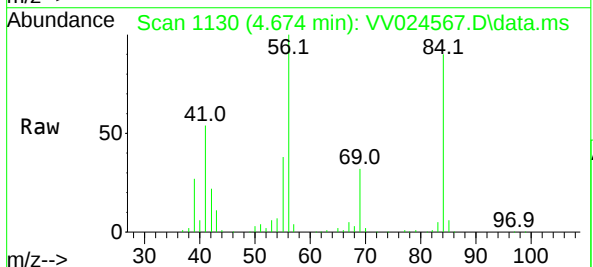
Tgt Ion: 56 Resp: 120249

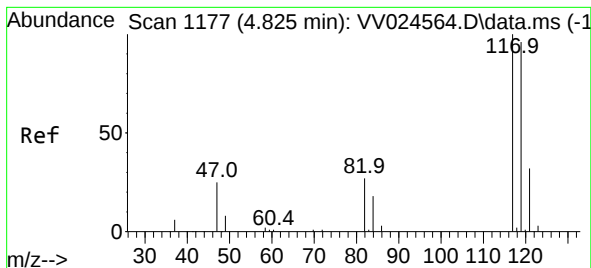
Ion Ratio Lower Upper

56 100

69 31.1 24.8 37.2

84 90.4 75.9 113.9





#31

Carbon tetrachloride

Concen: 5.211 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

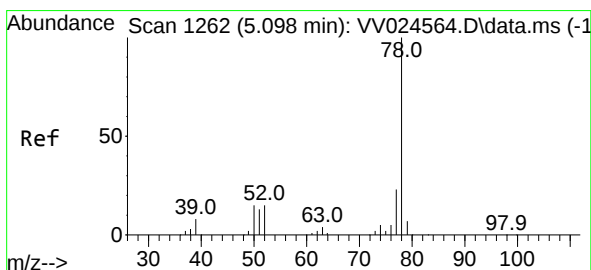
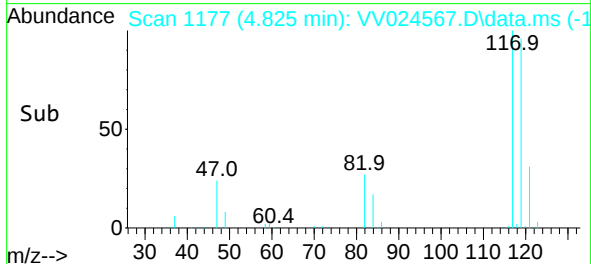
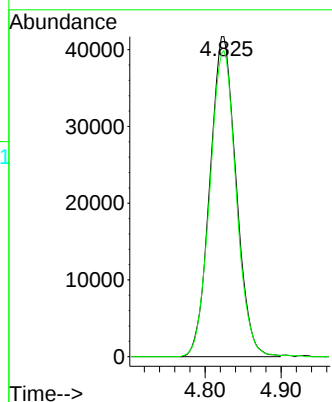
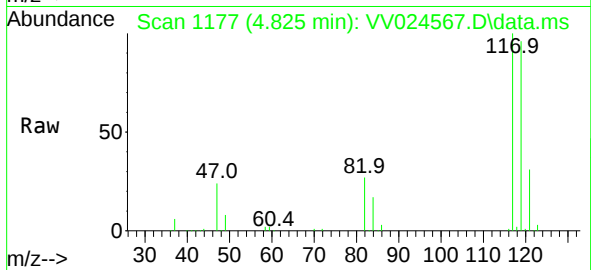
ClientSampleId :

Tgt Ion:117 Resp: 99753

Ion Ratio Lower Upper

117 100

119 96.2 76.6 114.8



#33

Benzene

Concen: 5.145 ug/L

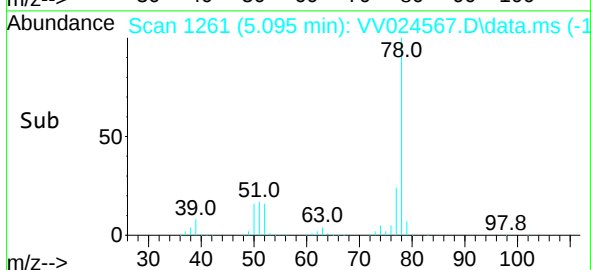
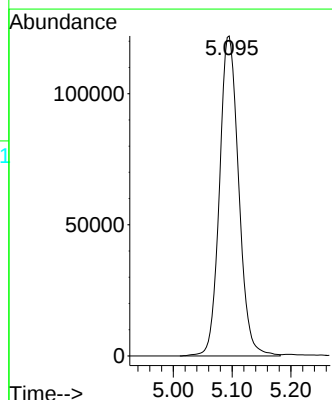
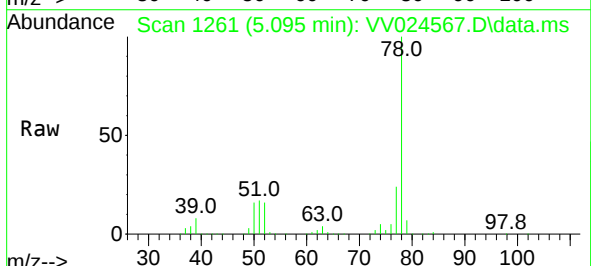
RT: 5.095 min Scan# 1261

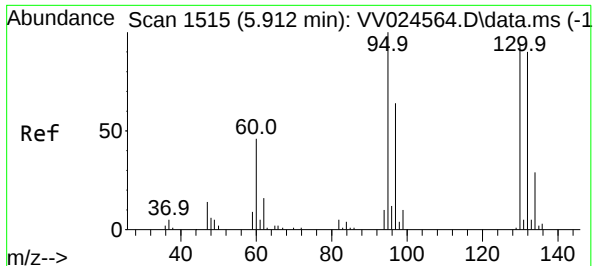
Delta R.T. -0.003 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

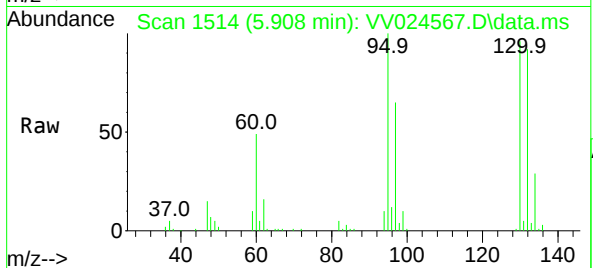
Tgt Ion: 78 Resp: 276674



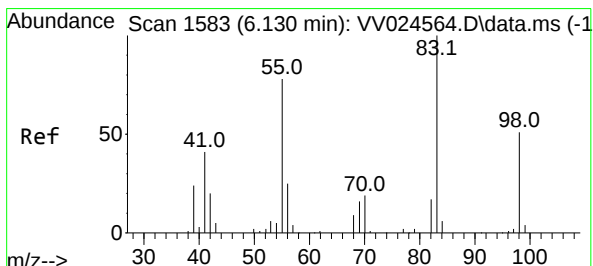
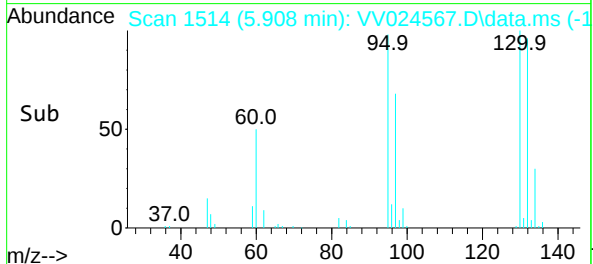
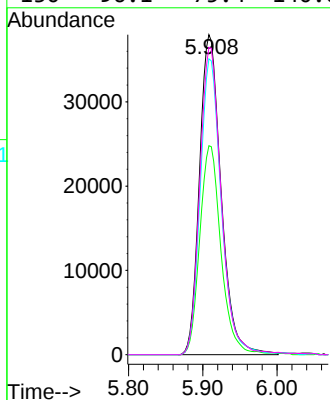


#34
 Trichloroethene
 Concen: 5.193 ug/L
 RT: 5.908 min Scan# 1514
 Delta R.T. -0.003 min
 Lab File: VV024567.D
 Acq: 09 Feb 2022 14:20

Instrument :
 MSVOA_V
 ClientSampleId :

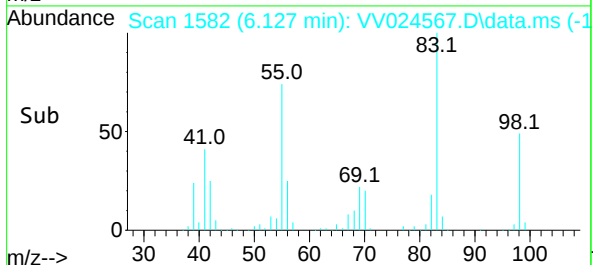
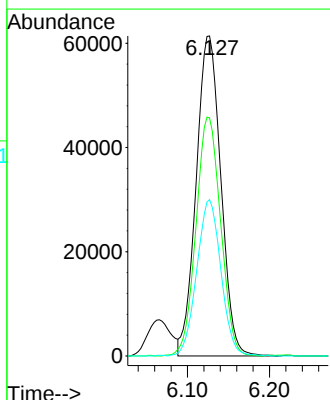
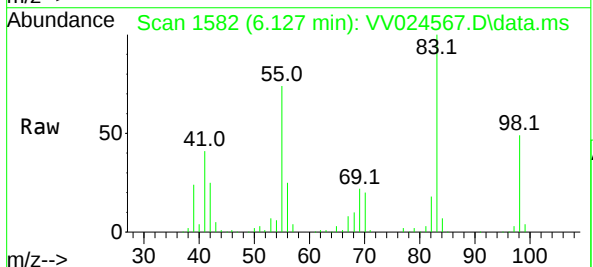


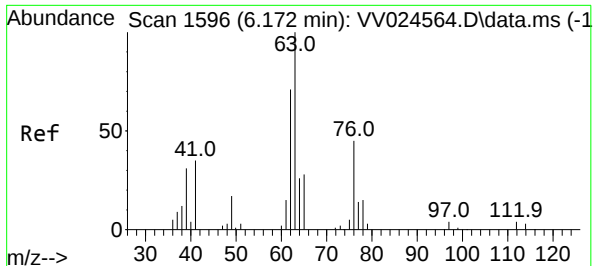
Tgt Ion: 95 Resp: 76895
 Ion Ratio Lower Upper
 95 100
 97 65.3 45.2 84.0
 132 92.5 76.1 141.3
 130 96.1 75.4 140.0



#35
 Methylcyclohexane
 Concen: 5.237 ug/L
 RT: 6.127 min Scan# 1582
 Delta R.T. -0.003 min
 Lab File: VV024567.D
 Acq: 09 Feb 2022 14:20

Tgt Ion: 83 Resp: 128292
 Ion Ratio Lower Upper
 83 100
 55 74.6 60.2 90.2
 98 47.9 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.058 ug/L

RT: 6.169 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

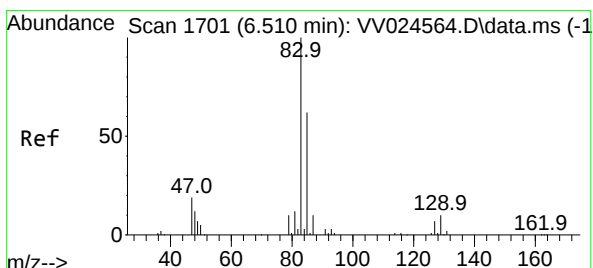
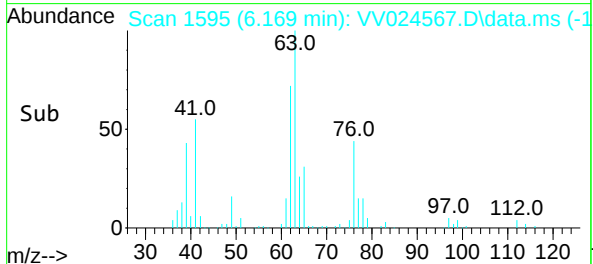
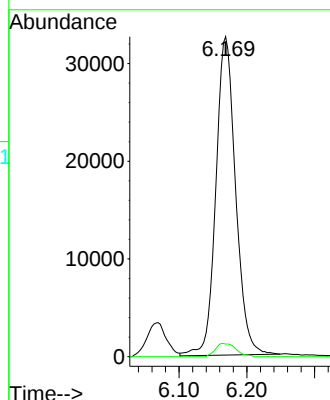
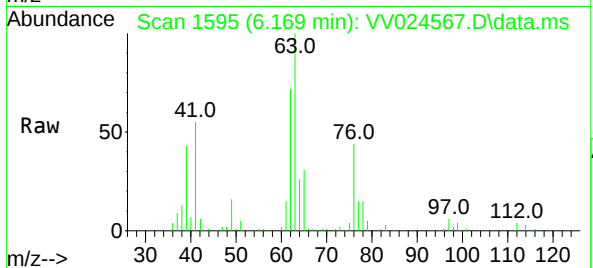
ClientSampleId :

Tgt Ion: 63 Resp: 65931

Ion Ratio Lower Upper

63 100

112 4.4 4.3 6.5



#38

Bromodichloromethane

Concen: 5.182 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

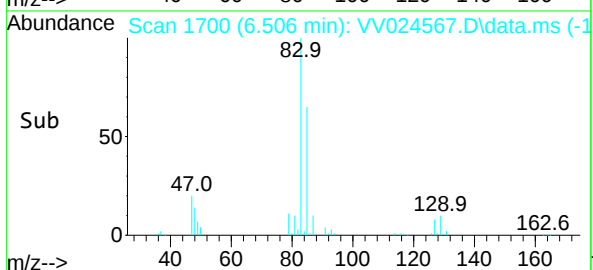
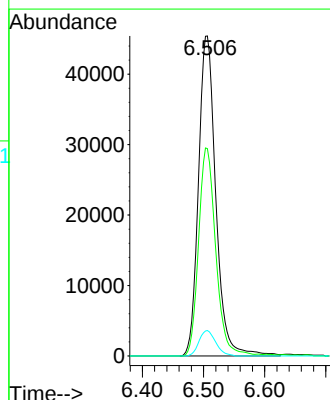
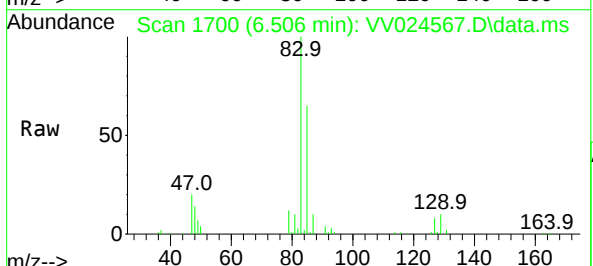
Tgt Ion: 83 Resp: 89771

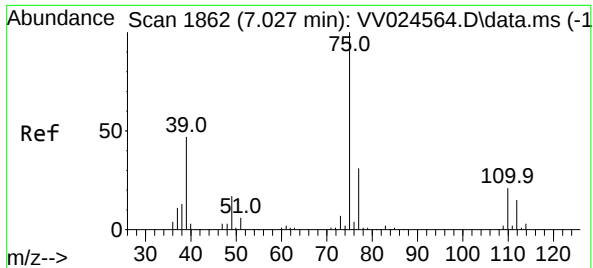
Ion Ratio Lower Upper

83 100

85 64.8 44.0 81.8

127 7.9 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 5.235 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

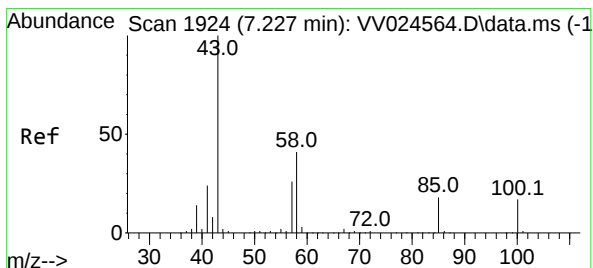
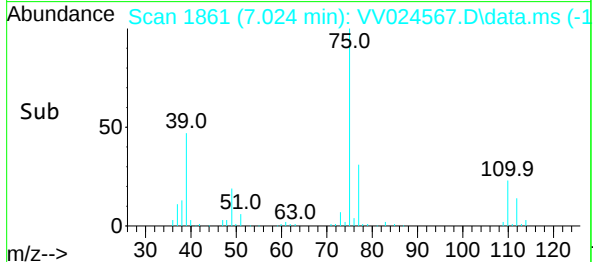
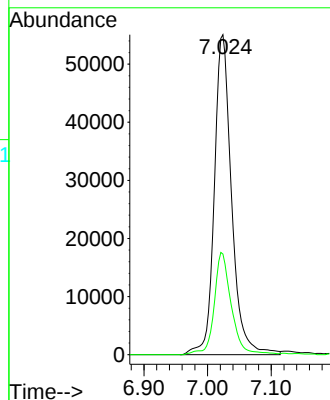
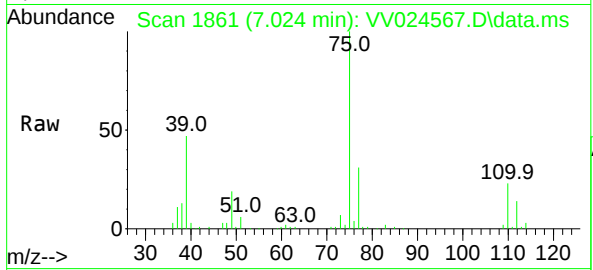
ClientSampleId :

Tgt Ion: 75 Resp: 103987

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 49.626 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.007 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

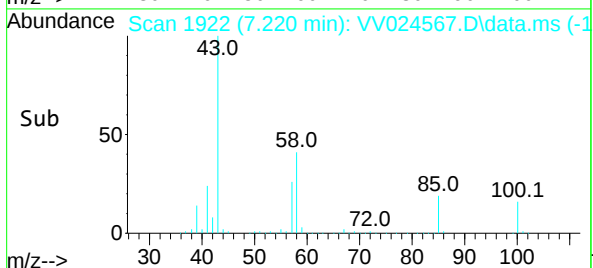
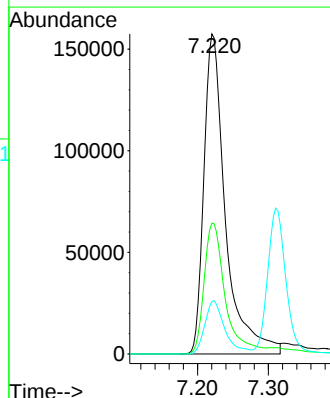
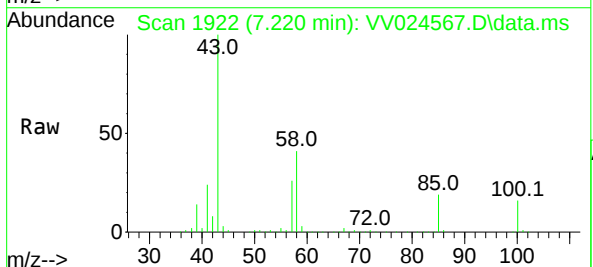
Tgt Ion: 43 Resp: 333806

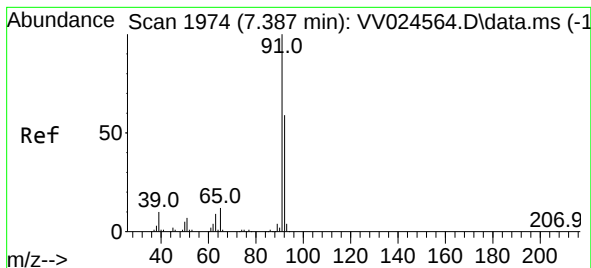
Ion Ratio Lower Upper

43 100

58 39.8 32.3 48.5

100 15.4 13.0 19.6





#42

Toluene

Concen: 5.155 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

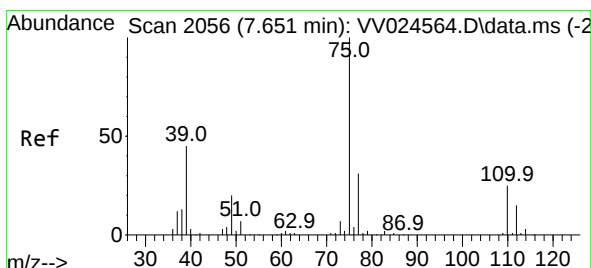
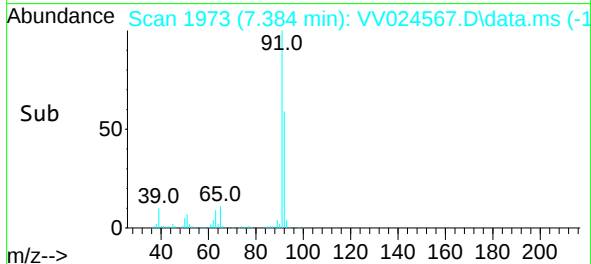
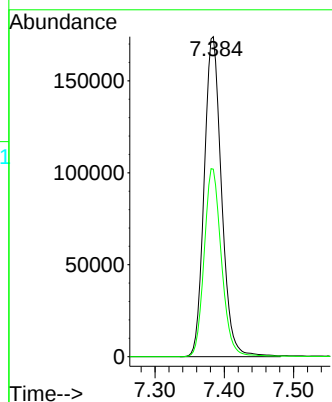
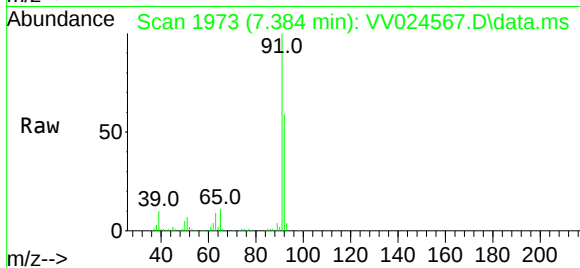
ClientSampleId :

Tgt Ion: 91 Resp: 302002

Ion Ratio Lower Upper

91 100

92 58.6 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.349 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV024567.D

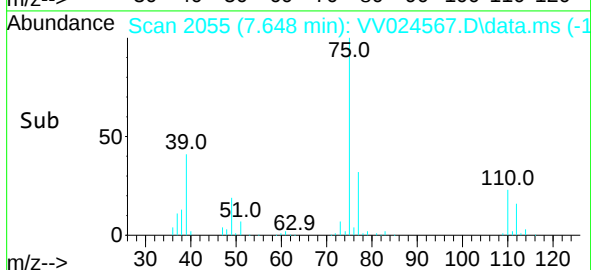
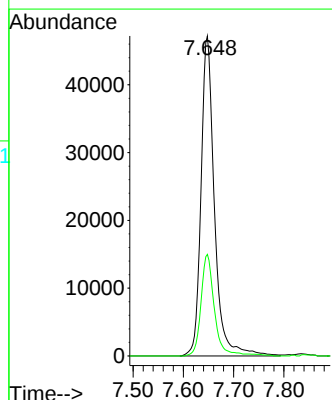
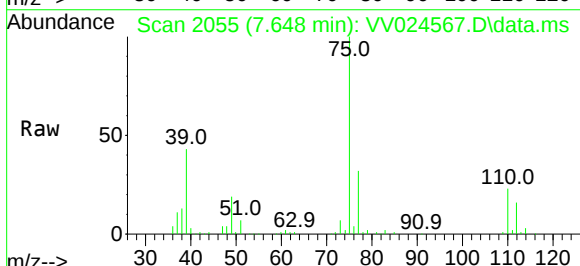
Acq: 09 Feb 2022 14:20

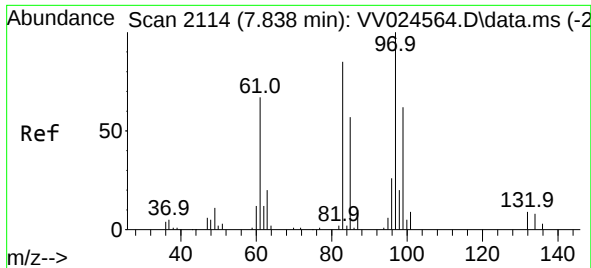
Tgt Ion: 75 Resp: 87765

Ion Ratio Lower Upper

75 100

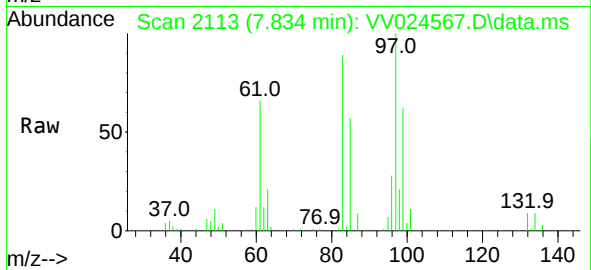
77 31.8 21.8 40.4





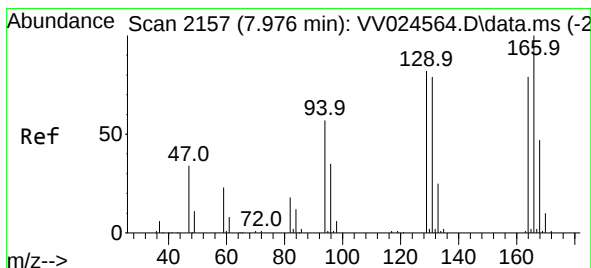
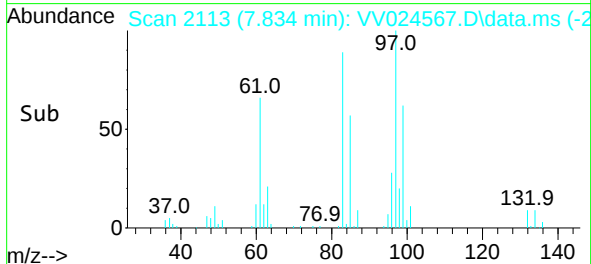
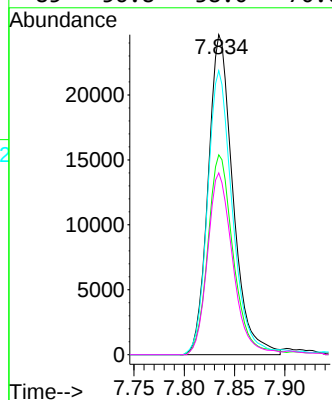
#45
1,1,2-Trichloroethane
Concen: 5.010 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV024567.D
Acq: 09 Feb 2022 14:20

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 42321

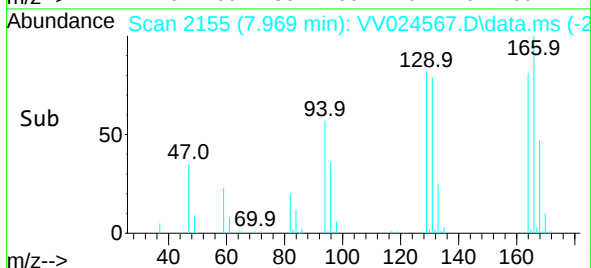
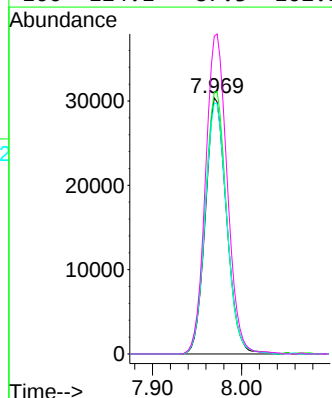
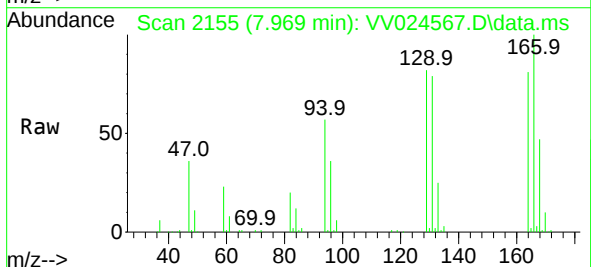
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.1	80.1
83	88.7	57.9	107.5
85	56.8	38.0	70.6

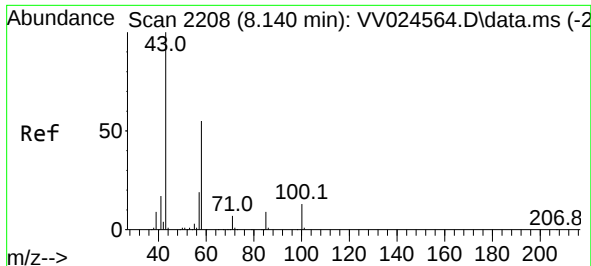


#47
Tetrachloroethene
Concen: 5.087 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.007 min
Lab File: VV024567.D
Acq: 09 Feb 2022 14:20

Tgt Ion: 164 Resp: 49973

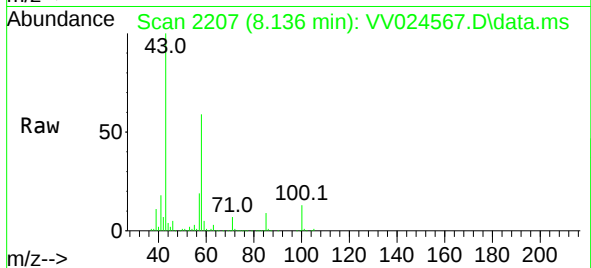
Ion	Ratio	Lower	Upper
164	100		
129	102.2	62.6	116.2
131	98.0	61.0	113.4
166	124.1	87.3	162.1



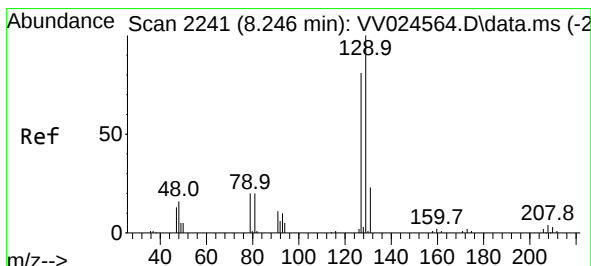
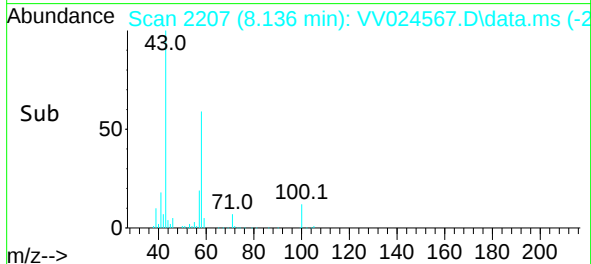
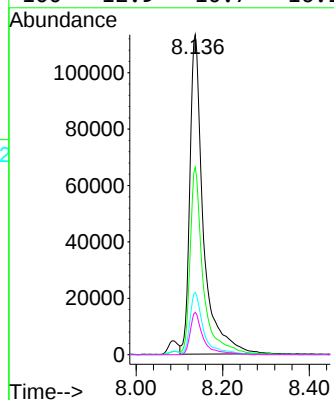


#48
2-Hexanone
Concen: 53.189 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024567.D
Acq: 09 Feb 2022 14:20

Instrument :
MSVOA_V
ClientSampleId :

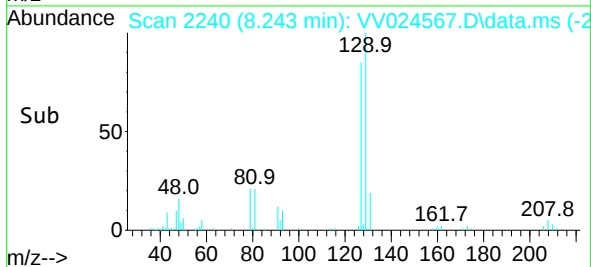
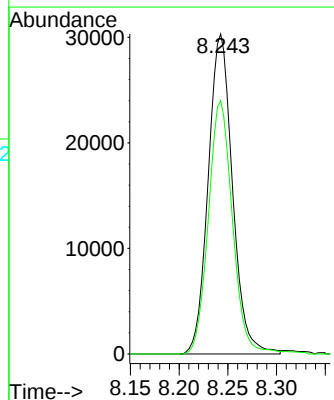
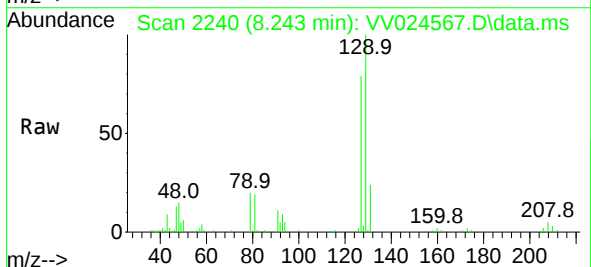


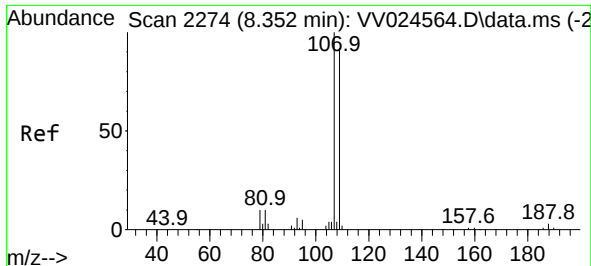
Tgt Ion: 43 Resp: 244907
Ion Ratio Lower Upper
43 100
58 55.7 44.5 66.7
57 19.1 15.1 22.7
100 12.9 10.7 16.1



#49
Dibromochloromethane
Concen: 5.157 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV024567.D
Acq: 09 Feb 2022 14:20

Tgt Ion: 129 Resp: 52605
Ion Ratio Lower Upper
129 100
127 79.2 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.263 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV024567.D

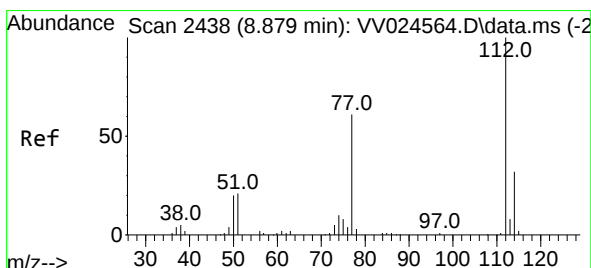
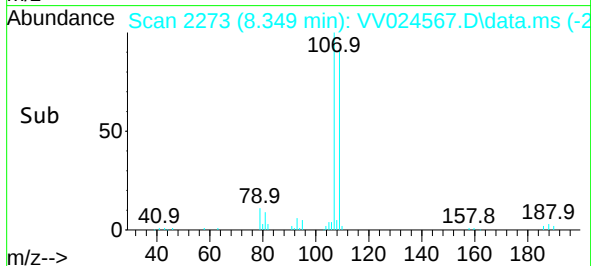
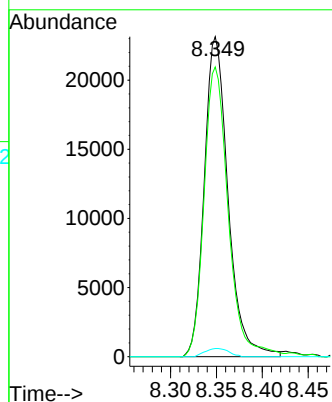
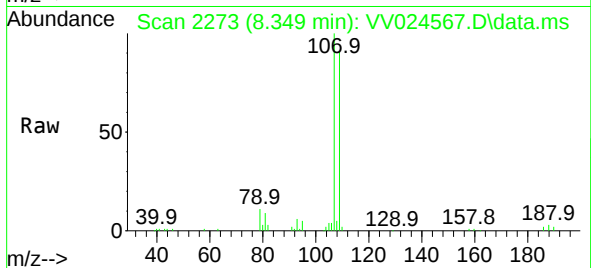
Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	41727
Ion Ratio	Lower	Upper
107	100	
109	90.5	62.5 116.1
188	2.5	3.4 5.2#



#51

Chlorobenzene

Concen: 5.128 ug/L

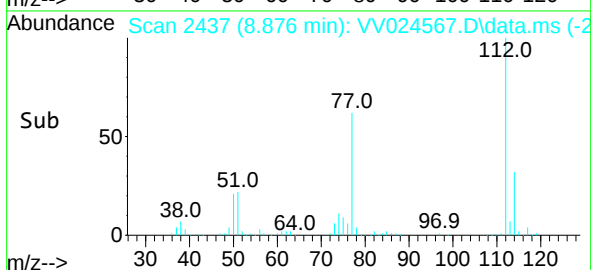
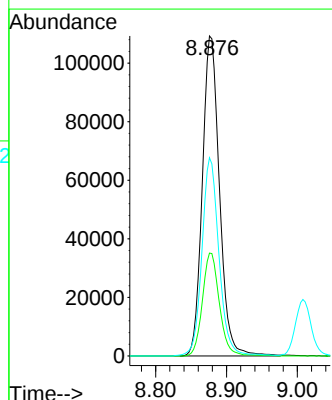
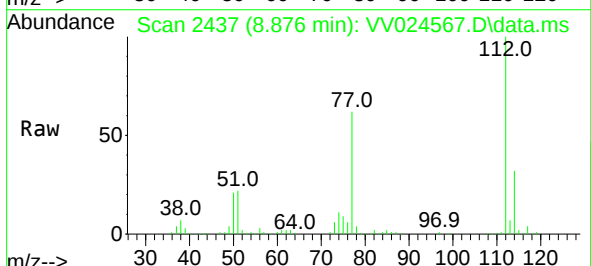
RT: 8.876 min Scan# 2437

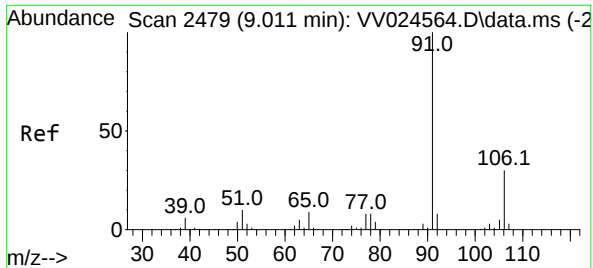
Delta R.T. -0.003 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Tgt Ion:112	Resp:	184107
Ion Ratio	Lower	Upper
112	100	
114	32.2	23.3 43.3
77	61.9	43.3 64.9





#52

Ethylbenzene

Concen: 5.166 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

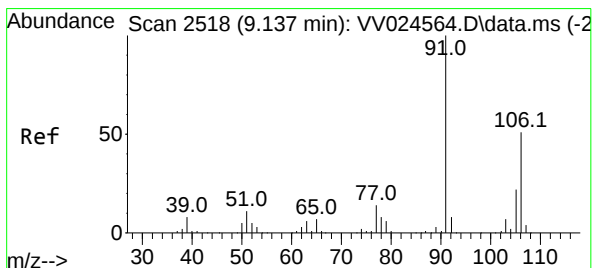
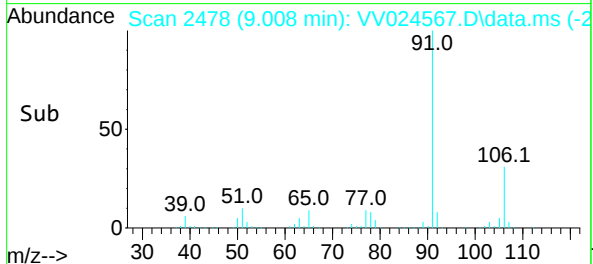
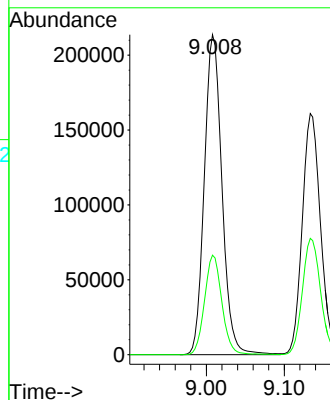
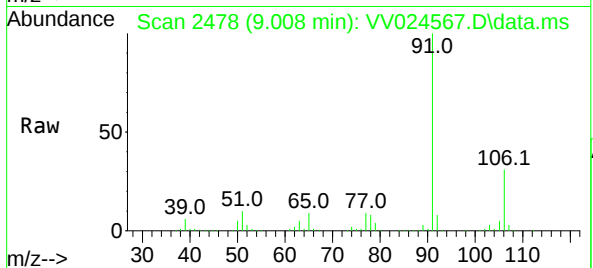
ClientSampleId :

Tgt Ion: 91 Resp: 336708

Ion Ratio Lower Upper

91 100

106 31.1 22.0 41.0



#53

m,p-xylene

Concen: 5.123 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. -0.003 min

Lab File: VV024567.D

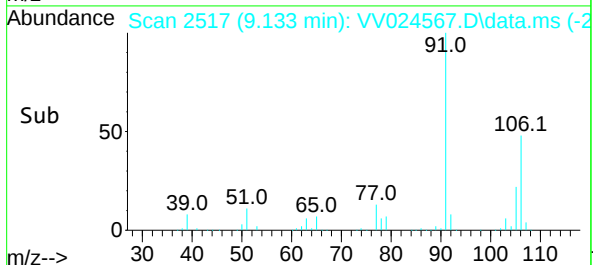
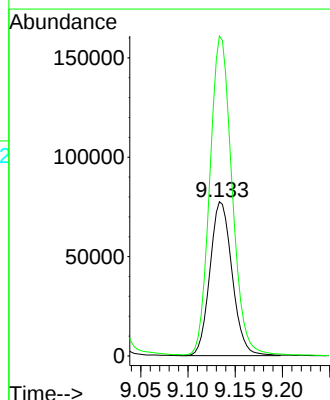
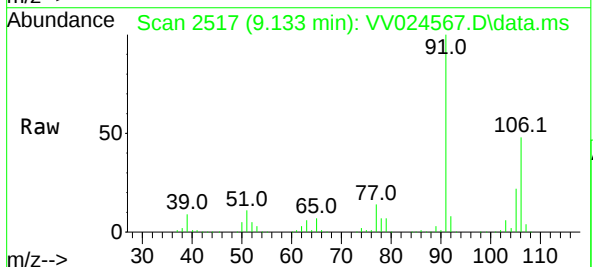
Acq: 09 Feb 2022 14:20

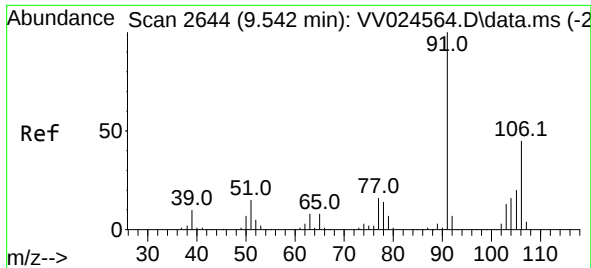
Tgt Ion:106 Resp: 126479

Ion Ratio Lower Upper

106 100

91 207.4 139.5 259.1

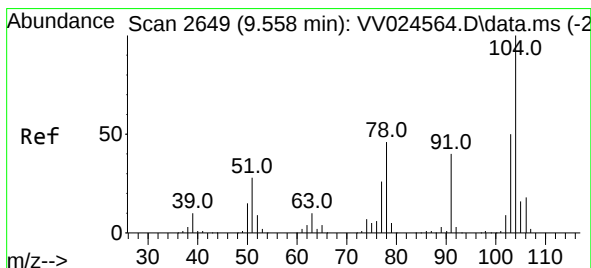
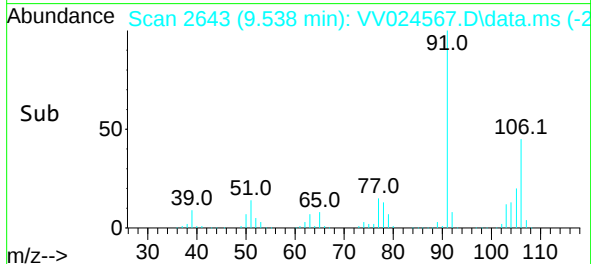
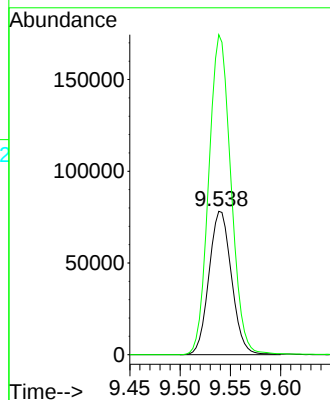
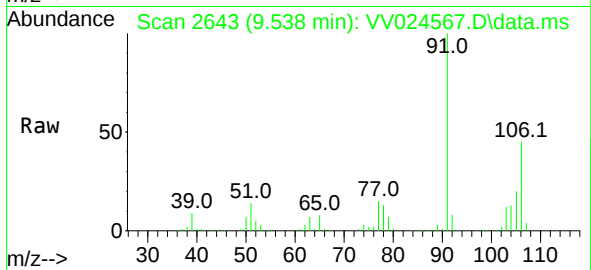




#54
o-xylene
Concen: 5.124 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV024567.D
Acq: 09 Feb 2022 14:20

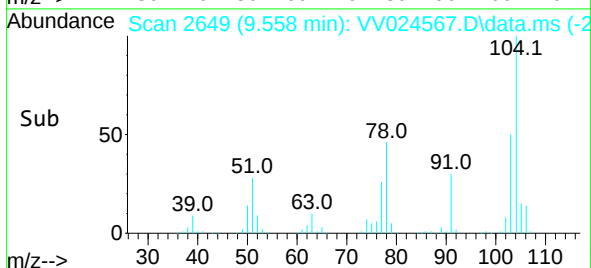
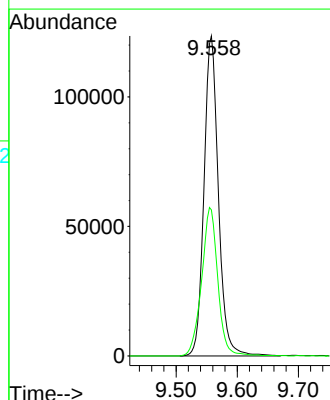
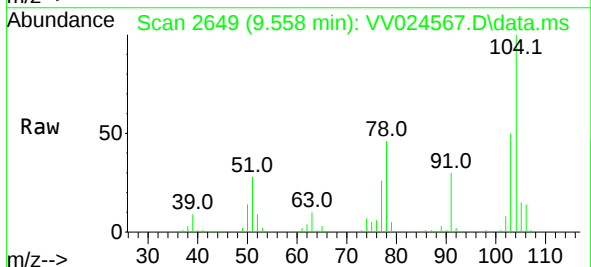
Instrument :
MSVOA_V
ClientSampleId :

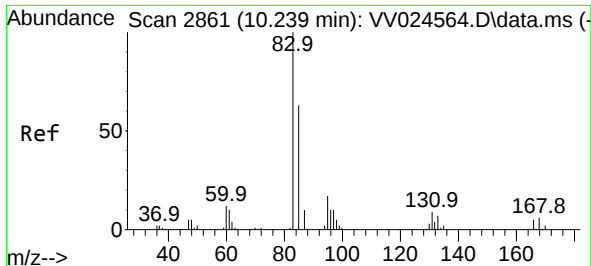
Tgt Ion:106 Resp: 121979
Ion Ratio Lower Upper
106 100
91 223.1 147.9 274.7



#55
Styrene
Concen: 5.172 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024567.D
Acq: 09 Feb 2022 14:20

Tgt Ion:104 Resp: 202157
Ion Ratio Lower Upper
104 100
78 45.6 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.121 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

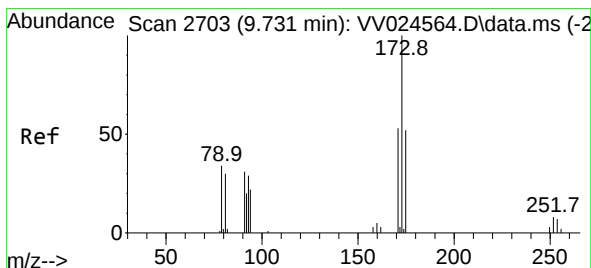
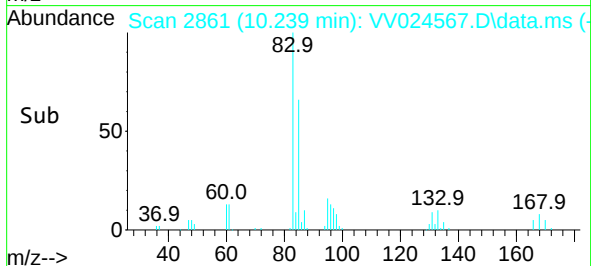
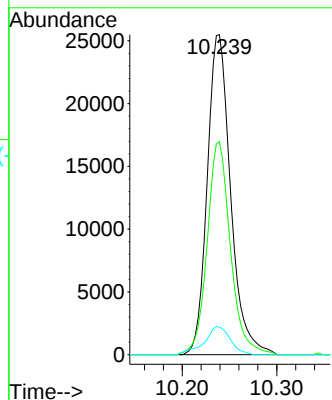
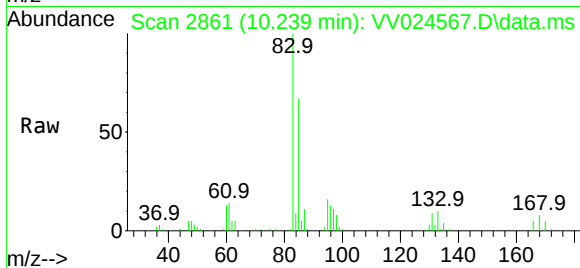
Tgt Ion: 83 Resp: 43816

Ion Ratio Lower Upper

83 100

85 66.6 44.6 82.8

131 8.6 8.3 12.5



#59

Bromoform

Concen: 5.310 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

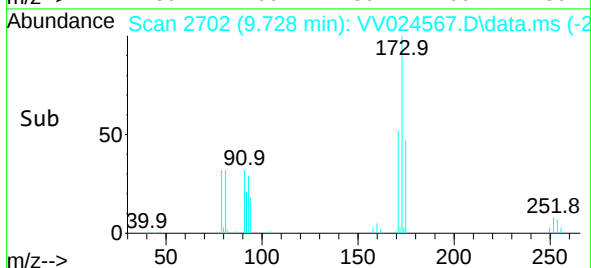
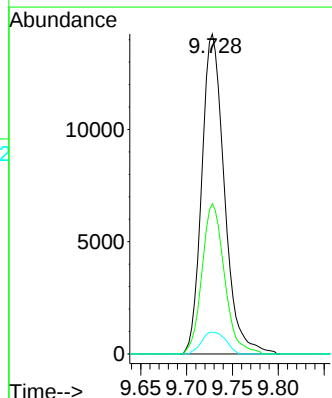
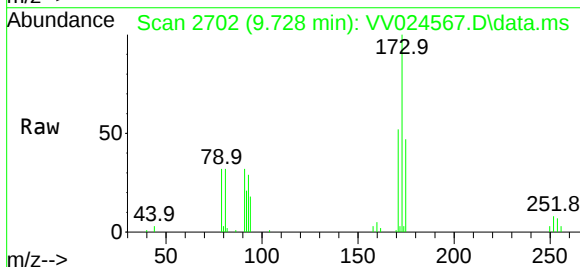
Tgt Ion: 173 Resp: 24478

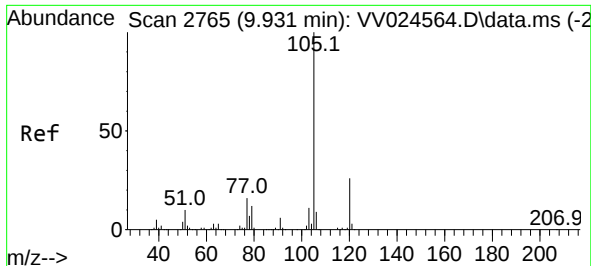
Ion Ratio Lower Upper

173 100

175 46.6 39.4 59.2

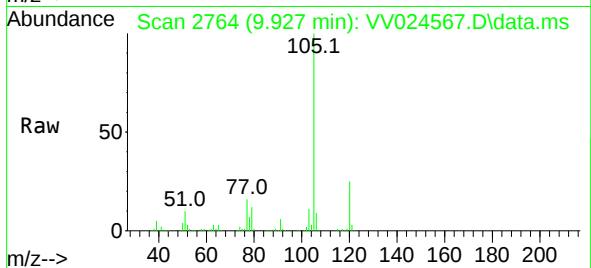
254 7.3 7.4 11.0#



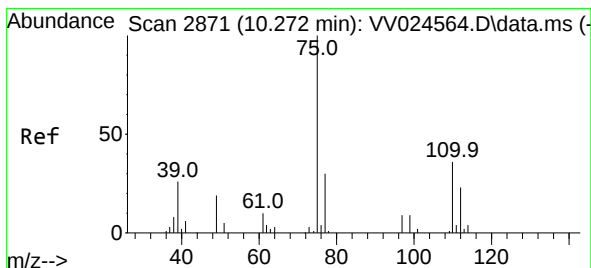
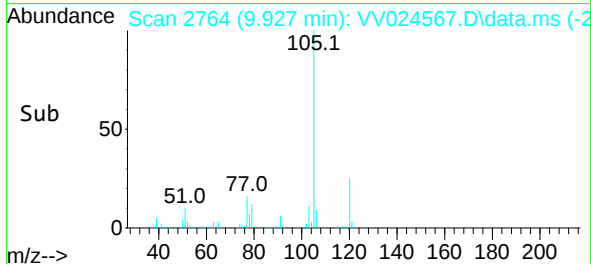
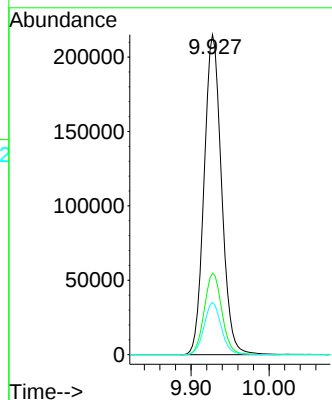


#60
Isopropylbenzene
Concen: 5.098 ug/L
RT: 9.927 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV024567.D
Acq: 09 Feb 2022 14:20

Instrument :
MSVOA_V
ClientSampleId :

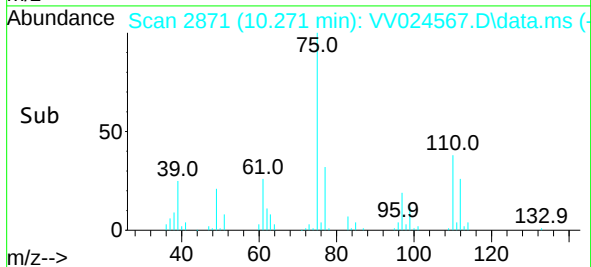
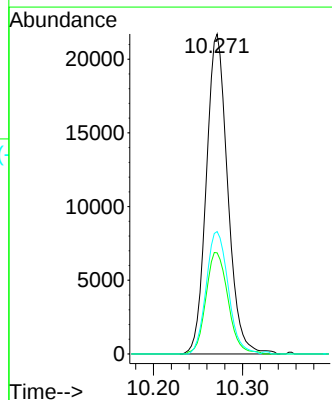
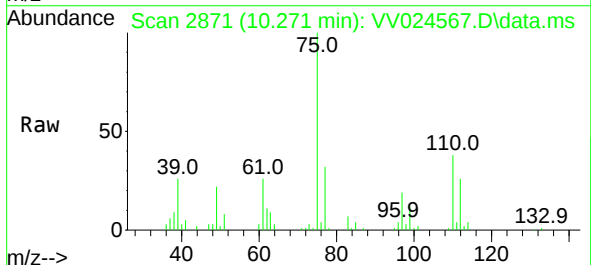


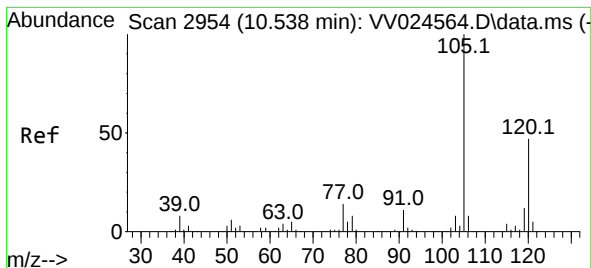
Tgt Ion:105 Resp: 333603
Ion Ratio Lower Upper
105 100
120 25.8 21.4 32.0
77 16.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.079 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024567.D
Acq: 09 Feb 2022 14:20

Tgt Ion: 75 Resp: 36122
Ion Ratio Lower Upper
75 100
77 32.9 26.4 39.6
110 39.4 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.070 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.003 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

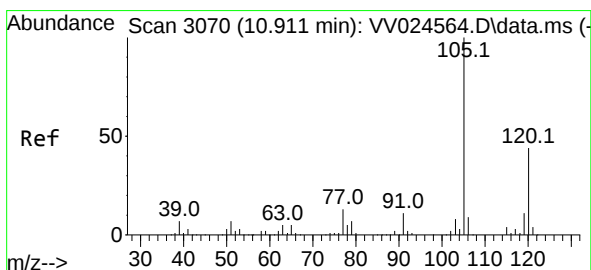
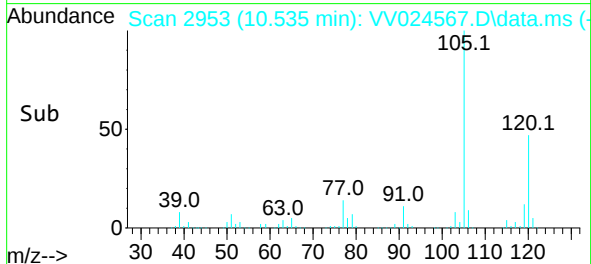
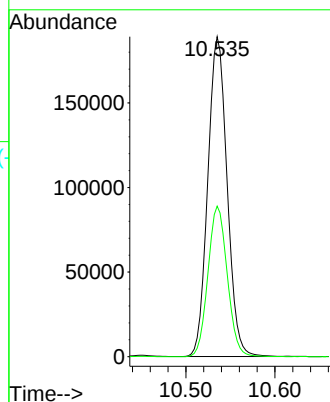
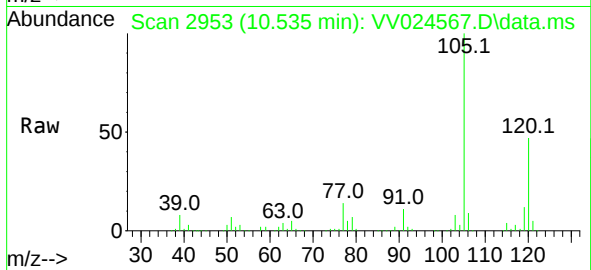
ClientSampleId :

Tgt Ion:105 Resp: 284053

Ion Ratio Lower Upper

105 100

120 47.1 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.121 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024567.D

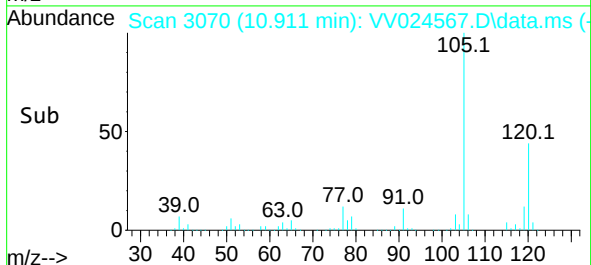
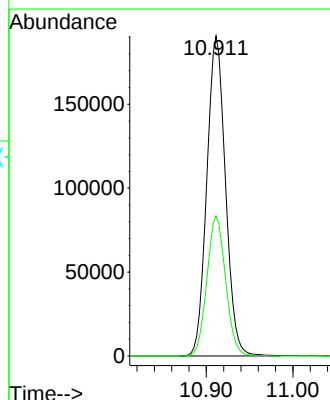
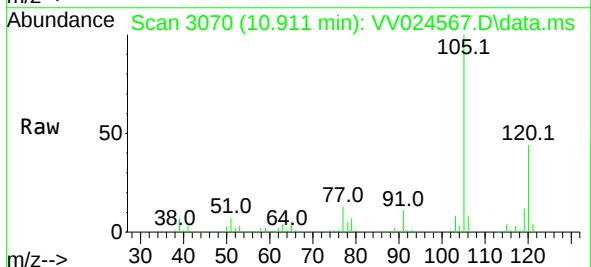
Acq: 09 Feb 2022 14:20

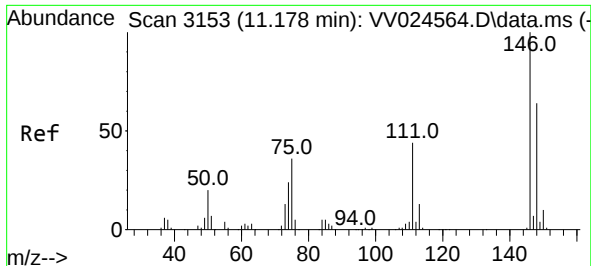
Tgt Ion:105 Resp: 285222

Ion Ratio Lower Upper

105 100

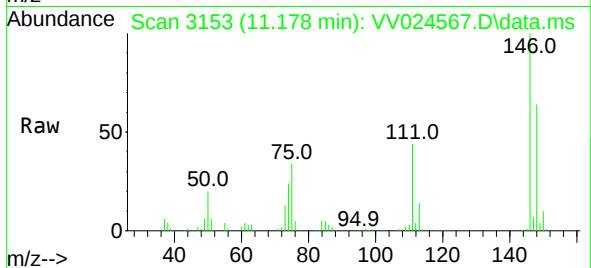
120 43.9 36.7 55.1



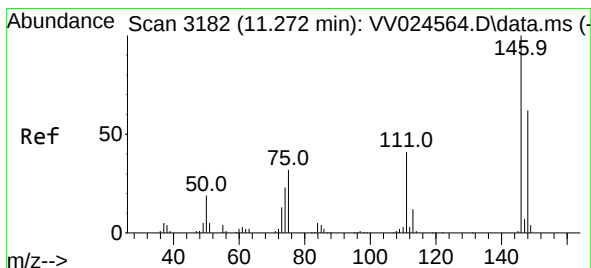
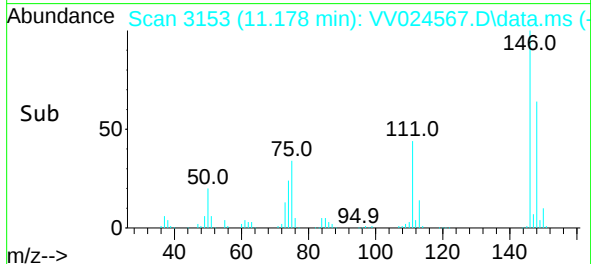
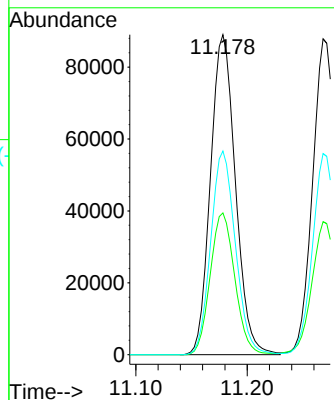


#64
1,3-Dichlorobenzene
Concen: 5.197 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024567.D
Acq: 09 Feb 2022 14:20

Instrument :
MSVOA_V
ClientSampleId :

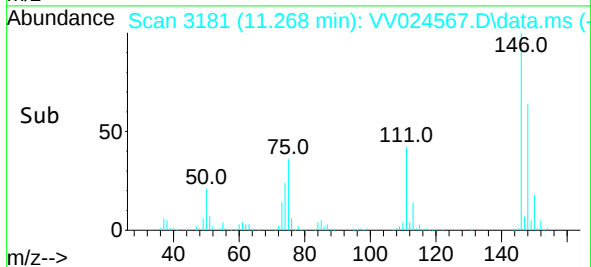
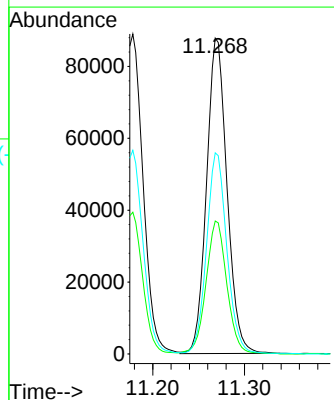
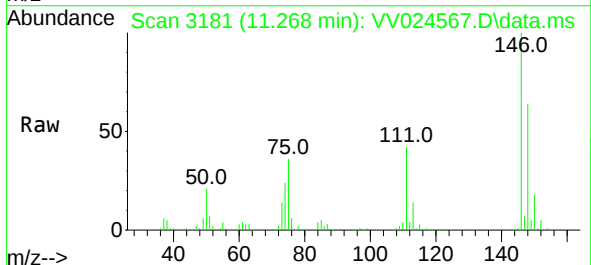


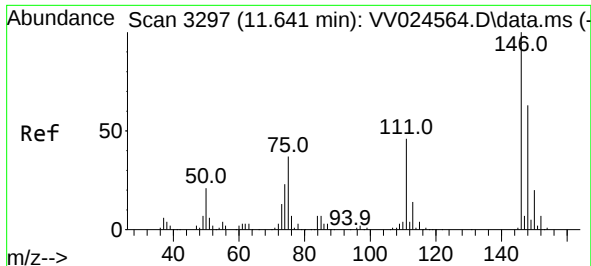
Tgt Ion:146 Resp: 138426
Ion Ratio Lower Upper
146 100
111 44.3 26.3 48.9
148 63.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.140 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV024567.D
Acq: 09 Feb 2022 14:20

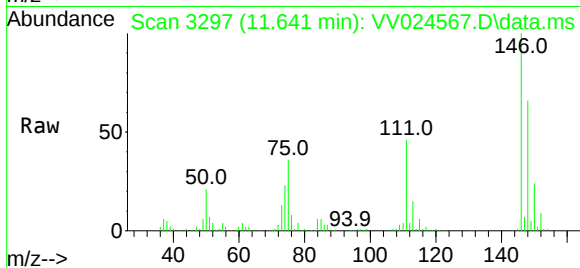
Tgt Ion:146 Resp: 135973
Ion Ratio Lower Upper
146 100
111 42.1 25.6 47.6
148 63.7 44.8 83.2



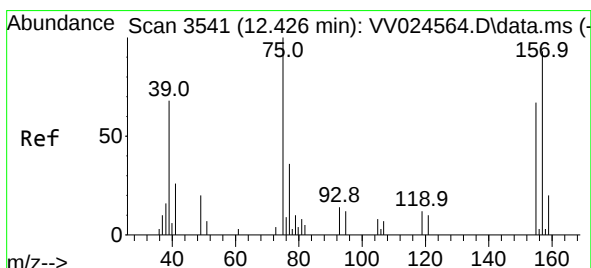
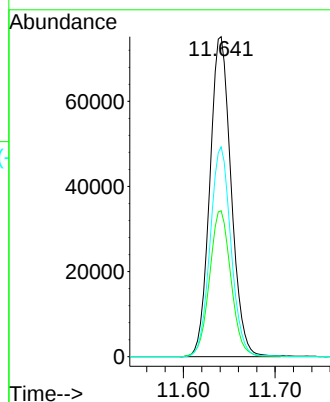
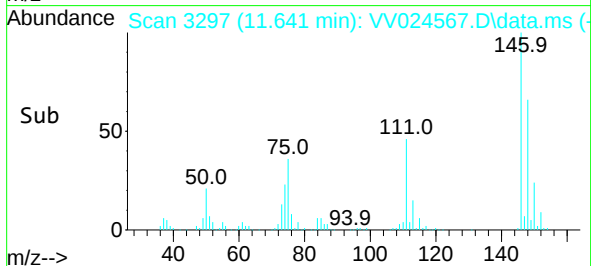


#67
 1,2-Dichlorobenzene
 Concen: 5.138 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. -0.000 min
 Lab File: VV024567.D
 Acq: 09 Feb 2022 14:20

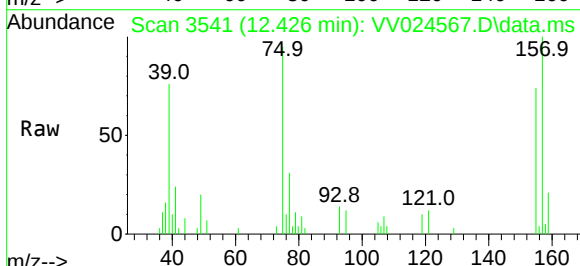
Instrument :
 MSVOA_V
 ClientSampleId :



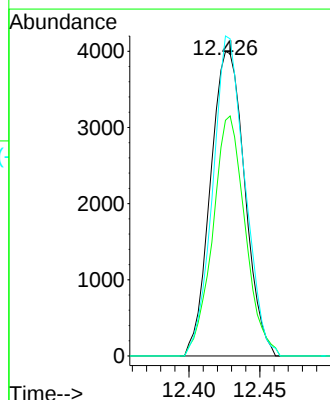
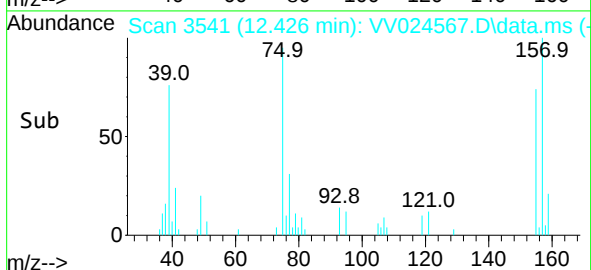
Tgt Ion:146 Resp: 121490
 Ion Ratio Lower Upper
 146 100
 111 45.6 31.9 47.9
 148 65.6 50.5 75.7

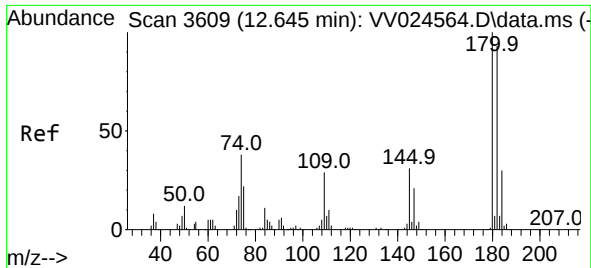


#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.883 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV024567.D
 Acq: 09 Feb 2022 14:20



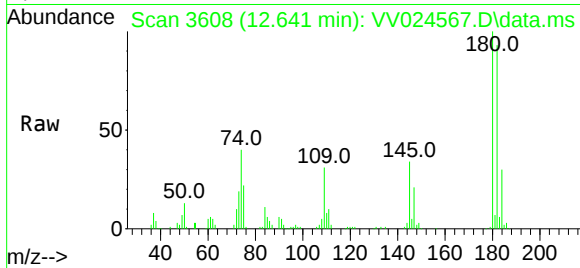
Tgt Ion: 75 Resp: 6746
 Ion Ratio Lower Upper
 75 100
 155 77.4 71.7 107.5
 157 105.1 103.3 154.9



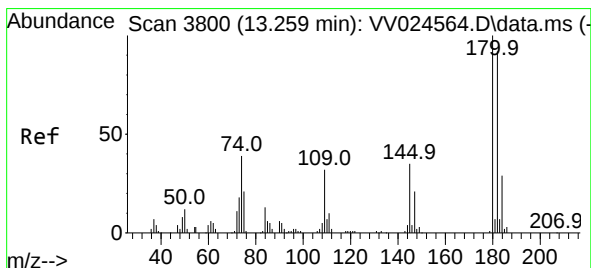
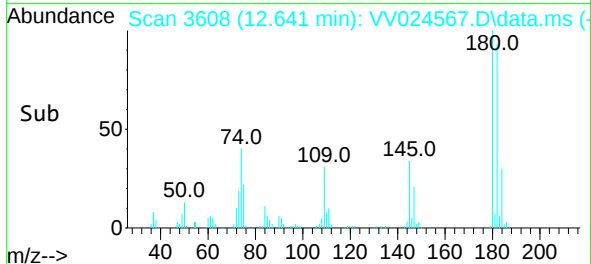
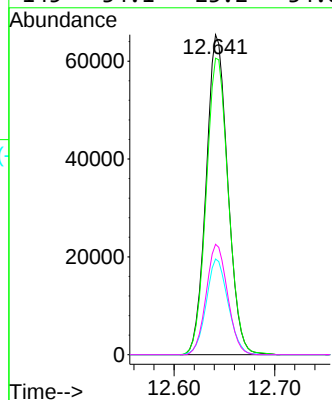


#69
 1,3,5-Trichlorobenzene
 Concen: 5.155 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV024567.D
 Acq: 09 Feb 2022 14:20

Instrument :
 MSVOA_V
 ClientSampleId :

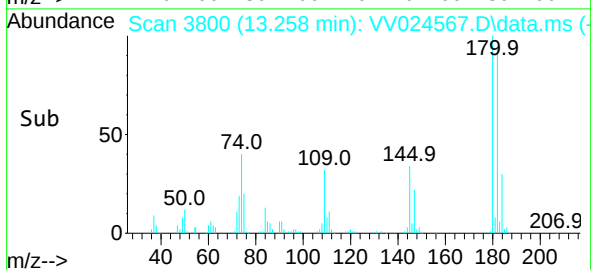
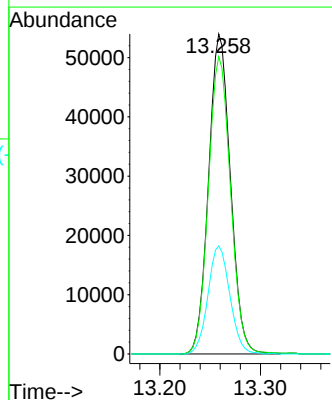
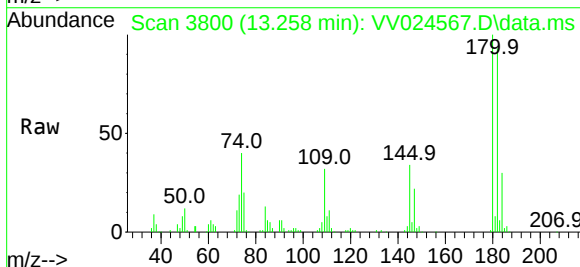


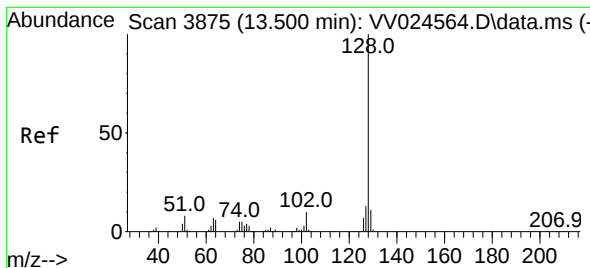
Tgt Ion:180 Resp: 97681
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.4 114.6
 184 30.3 24.2 36.4
 145 34.1 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.319 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024567.D
 Acq: 09 Feb 2022 14:20

Tgt Ion:180 Resp: 81383
 Ion Ratio Lower Upper
 180 100
 182 94.5 74.4 111.6
 145 33.8 23.3 34.9





#71

Naphthalene

Concen: 5.451 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

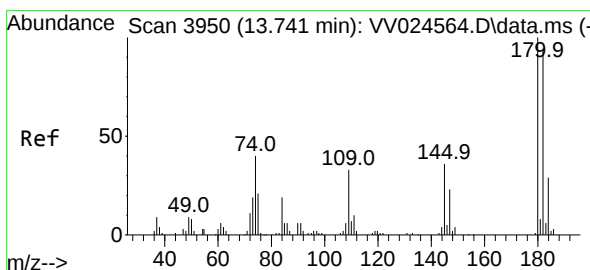
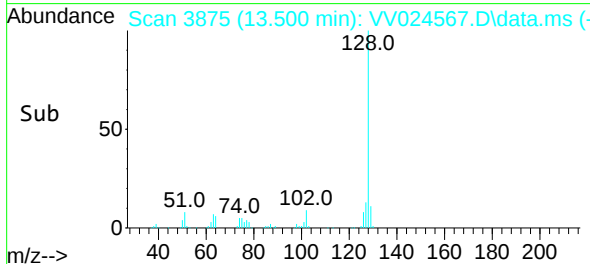
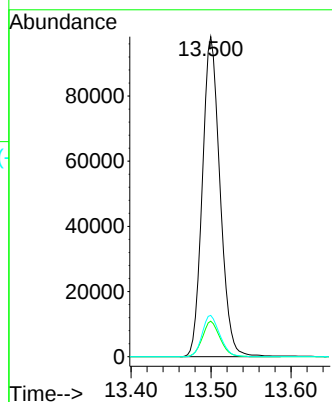
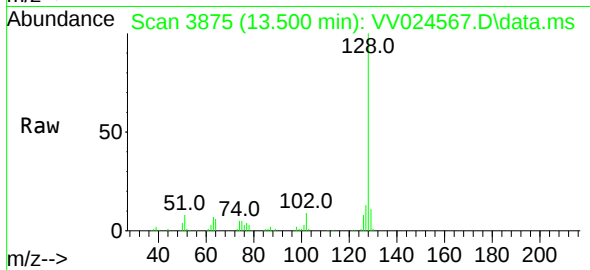
Tgt Ion:128 Resp: 151084

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 12.9 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.249 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV024567.D

Acq: 09 Feb 2022 14:20

Tgt Ion:180 Resp: 67548

Ion Ratio Lower Upper

180 100

182 96.2 76.8 115.2

145 36.6 25.8 38.6

