

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025145.D
 Acq On : 23 Mar 2022 20:37
 Operator : SY/MD
 Sample : N2083-09MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 24 01:20:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127978	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	120724	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41430	4.100	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.000%	
7) Chloroethane-d5	1.571	69	37444	5.061	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.200%	
11) 1,1-Dichloroethene-d2	2.111	63	76476	4.683	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.600%	
20) 2-Butanone-d5	3.896	46	99361	81.372	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	162.740%#	
24) Chloroform-d	4.352	84	93917	5.605	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.000%	
26) 1,2-Dichloroethane-d4	5.037	65	39957	5.703	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.000%	
32) Benzene-d6	5.050	84	179906	5.137	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
36) 1,2-Dichloropropane-d6	6.069	67	55912	5.552	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.000%	
41) Toluene-d8	7.317	98	157627	4.939	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
43) trans-1,3-Dichloroprop...	7.625	79	17936	5.109	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.200%	
46) 2-Hexanone-d5	8.088	63	83566	69.786	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	139.580%#	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39752	6.710	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	134.200%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	58074	5.592	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	52573	4.649	ug/L	98
3) Chloromethane	1.243	50	47590	4.462	ug/L	98
5) Vinyl chloride	1.314	62	68768	6.112	ug/L	99
6) Bromomethane	1.523	94	28350	3.899	ug/L	100
8) Chloroethane	1.587	64	439097	64.359	ug/L	99
9) Trichlorofluoromethane	1.754	101	74546	4.871	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	42291	5.096	ug/L	99
12) 1,1-Dichloroethene	2.121	96	41101	5.041	ug/L	99
13) Acetone	2.185	43	48815	59.775	ug/L	80
14) Carbon disulfide	2.297	76	130358	4.469	ug/L	99
15) Methyl Acetate	2.445	43	12700	5.676	ug/L	91
16) Methylene chloride	2.510	84	47660	4.824	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	97336	5.481	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	54940	5.600	ug/L	99
19) 1,1-Dichloroethane	3.191	63	578915	34.669	ug/L	98
21) 2-Butanone	3.979	43	78781	61.122	ug/L	80
22) cis-1,2-Dichloroethene	3.912	96	83189	8.398	ug/L	97
23) Bromochloromethane	4.252	128	20283	5.194	ug/L	98
25) Chloroform	4.378	83	88373	5.083	ug/L	95

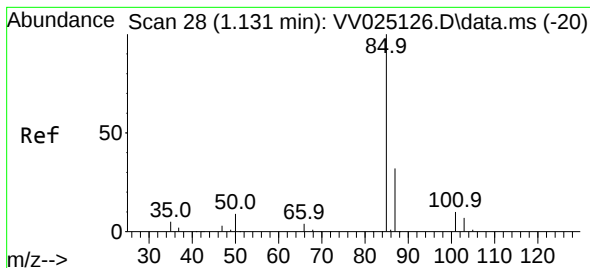
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	45330	5.243	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	344405	22.371	ug/L	99
30) Cyclohexane	4.680	56	72279	4.825	ug/L	99
31) Carbon tetrachloride	4.828	117	65209	4.937	ug/L	100
33) Benzene	5.101	78	194267	4.947	ug/L	100
34) Trichloroethene	5.912	95	147913	14.147	ug/L	99
35) Methylcyclohexane	6.130	83	90416	5.463	ug/L	100
37) 1,2-Dichloropropane	6.175	63	46981	5.206	ug/L	100
38) Bromodichloromethane	6.513	83	58263	5.106	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	60238	4.808	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	195872	52.752	ug/L	98
42) Toluene	7.387	91	209754	5.104	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	47016	4.769	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	31353	5.202	ug/L	98
47) Tetrachloroethene	7.976	164	81791	11.120	ug/L	97
48) 2-Hexanone	8.140	43	135500	51.475	ug/L	95
49) Dibromochloromethane	8.246	129	34056	5.048	ug/L	100
50) 1,2-Dibromoethane	8.352	107	28610	5.187	ug/L	98
51) Chlorobenzene	8.882	112	130724	5.080	ug/L	99
52) Ethylbenzene	9.011	91	246695	5.675	ug/L	98
53) m,p-xylene	9.136	106	85685	5.118	ug/L	100
54) o-xylene	9.542	106	83355	5.207	ug/L	96
55) Styrene	9.561	104	139838	5.363	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	36077	6.106	ug/L	99
59) Bromoform	9.731	173	14565	4.408	ug/L	99
60) Isopropylbenzene	9.931	105	347862	7.519	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	25419	4.927	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	116383	5.544	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	189000	5.084	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	98747	4.921	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	98608	4.874	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	116286	6.540	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4898	5.538	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	71829	5.067	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	58710	5.316	ug/L	98
71) Naphthalene	13.500	128	199620	10.885	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	49315	5.270	ug/L	97

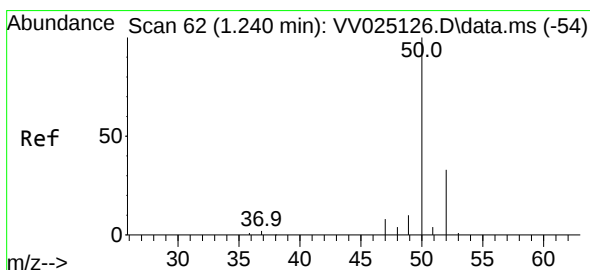
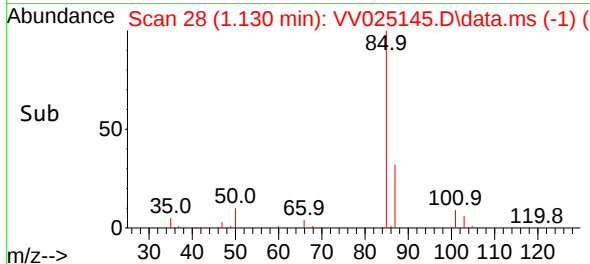
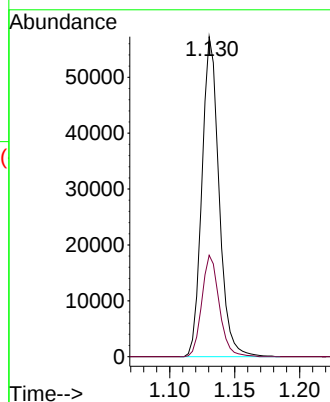
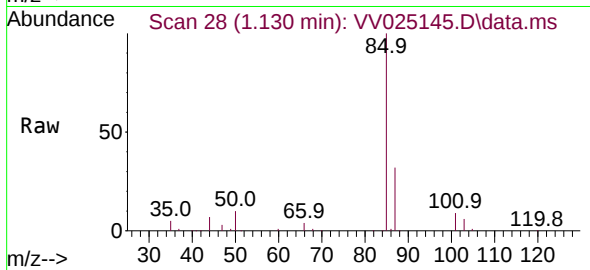
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#2
 Dichlorodifluoromethane
 Concen: 4.649 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV025145.D
 Acq: 23 Mar 2022 20:37

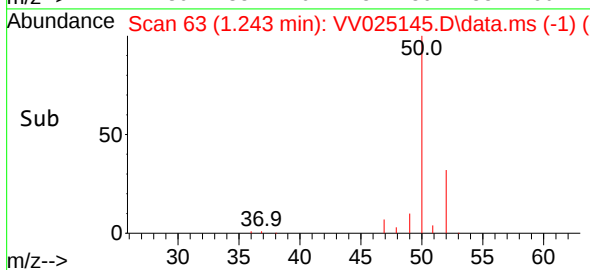
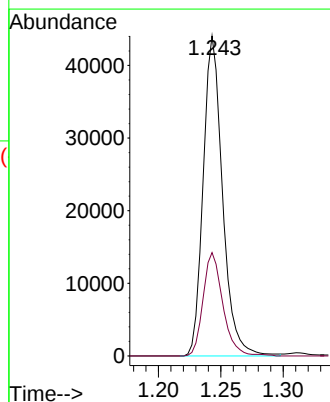
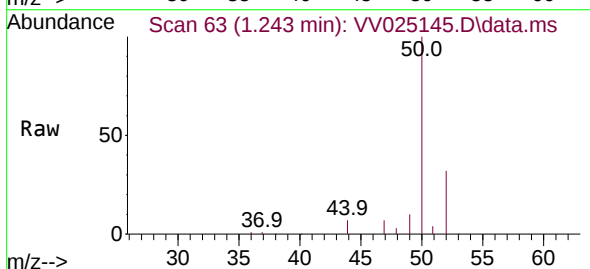
Instrument :
 MSVOA_V
 ClientSampleId :

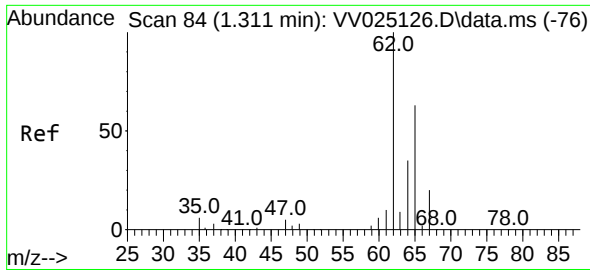
Tgt Ion: 85 Resp: 52573
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.7 40.1



#3
 Chloromethane
 Concen: 4.462 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025145.D
 Acq: 23 Mar 2022 20:37

Tgt Ion: 50 Resp: 47590
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.2 43.2

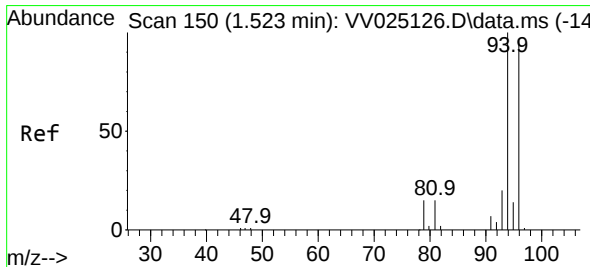
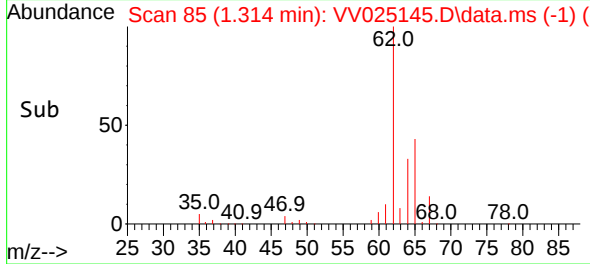
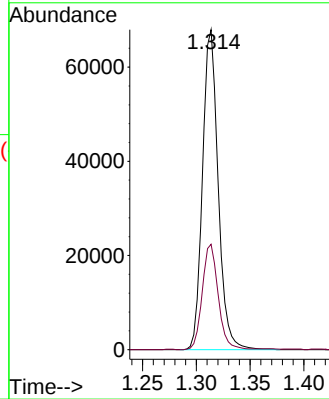
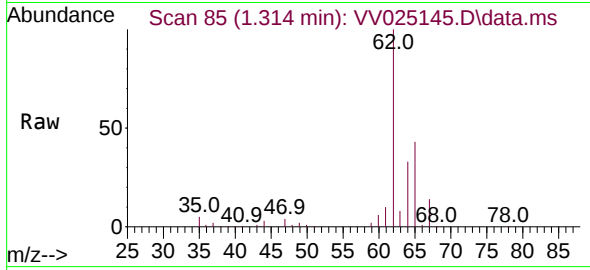




#5
 Vinyl chloride
 Concen: 6.112 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025145.D
 Acq: 23 Mar 2022 20:37

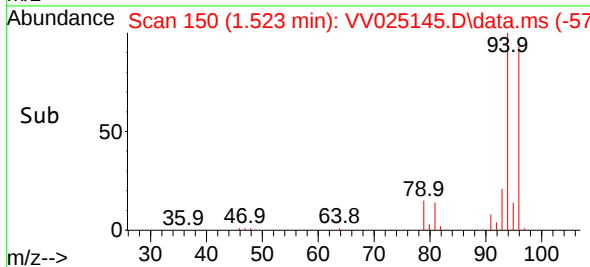
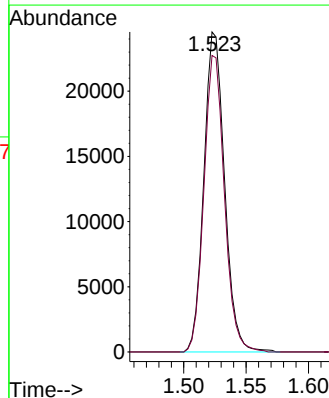
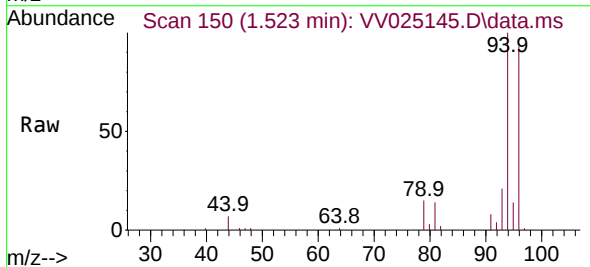
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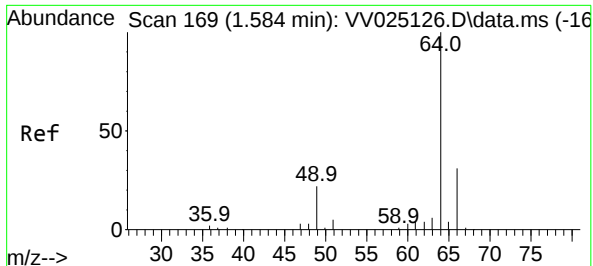
Tgt Ion: 62 Resp: 68768
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.4



#6
 Bromomethane
 Concen: 3.899 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV025145.D
 Acq: 23 Mar 2022 20:37

Tgt Ion: 94 Resp: 28350
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.9 120.5

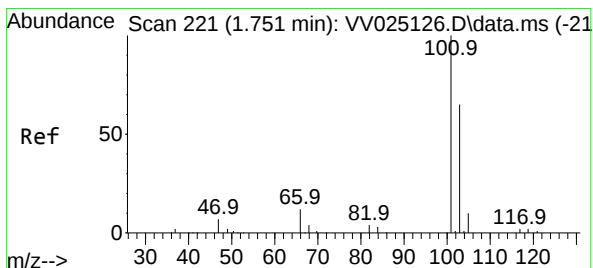
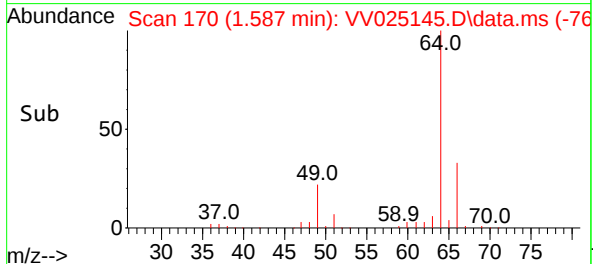
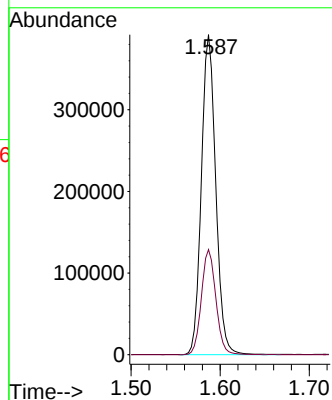
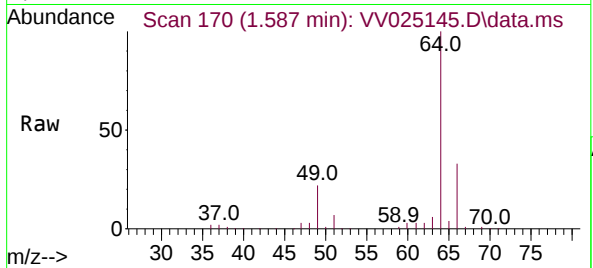




#8
Chloroethane
Concen: 64.359 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

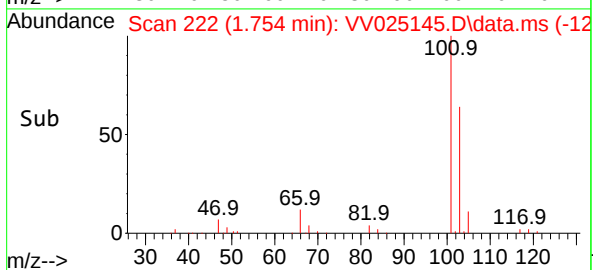
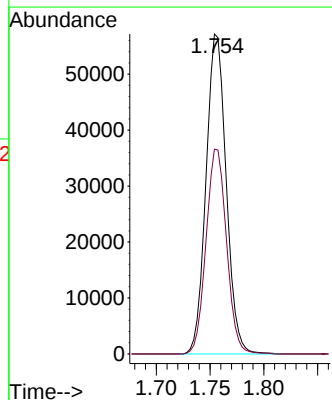
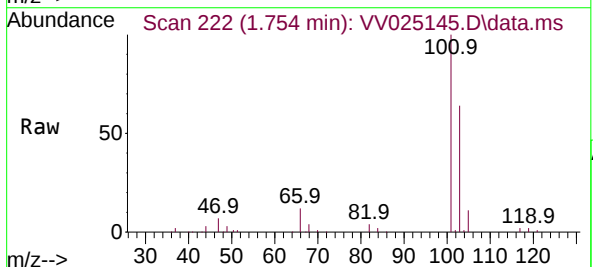
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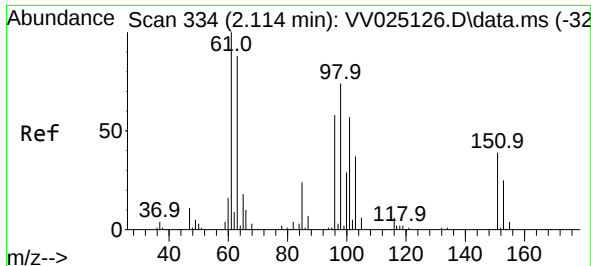
Tgt Ion: 64 Resp: 439097
Ion Ratio Lower Upper
64 100
66 32.8 22.5 41.7



#9
Trichlorofluoromethane
Concen: 4.871 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

Tgt Ion:101 Resp: 74546
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

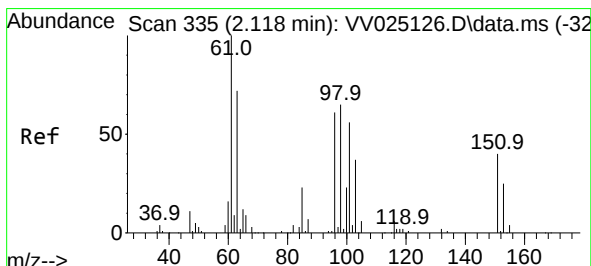
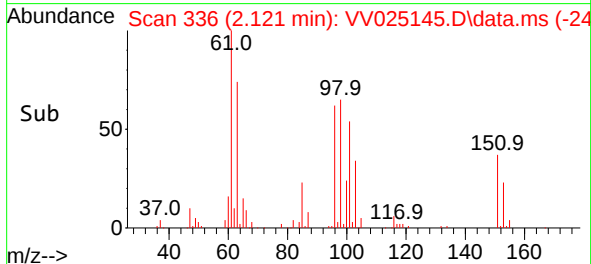
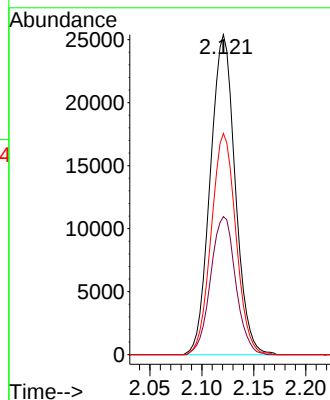
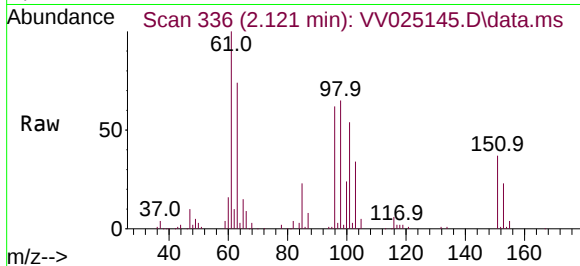




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.096 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.006 min
 Lab File: VV025145.D
 Acq: 23 Mar 2022 20:37

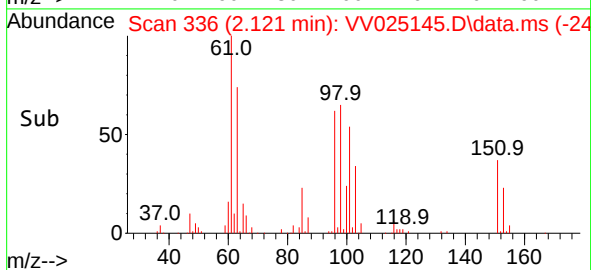
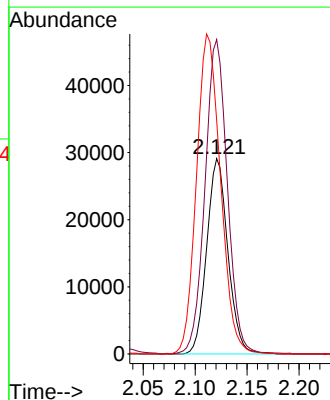
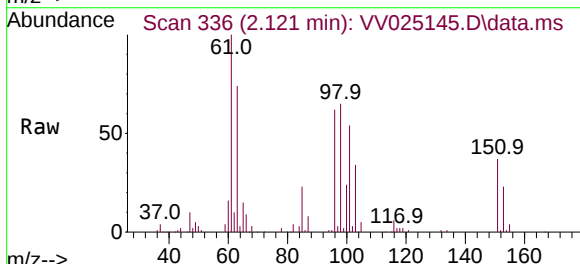
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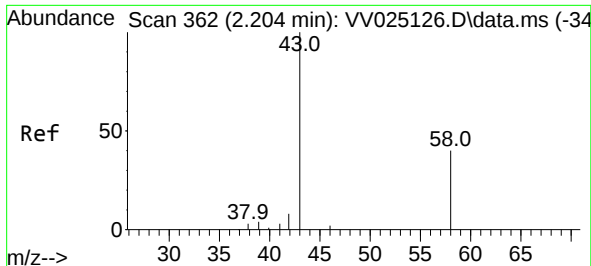
Tgt Ion:101 Resp: 42291
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.8 52.2
 151 68.6 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.041 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025145.D
 Acq: 23 Mar 2022 20:37

Tgt Ion: 96 Resp: 41101
 Ion Ratio Lower Upper
 96 100
 61 160.9 113.0 209.9
 63 119.4 82.1 152.5





#13

Acetone

Concen: 59.775 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Instrument :

MSVOA_V

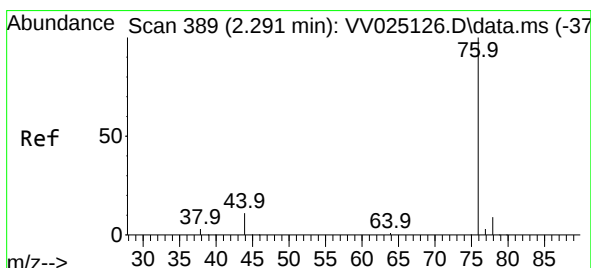
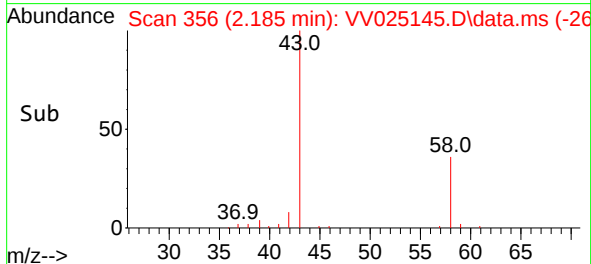
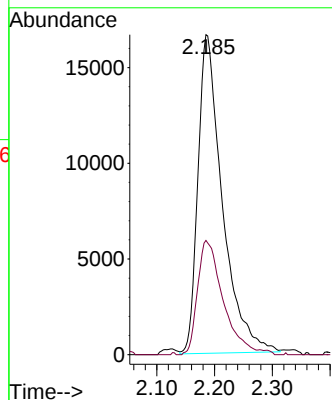
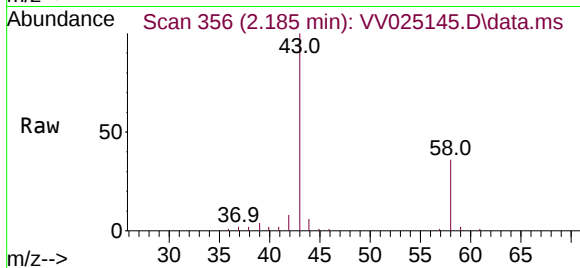
ClientSampleId :

Tgt Ion: 43 Resp: 48815

Ion Ratio Lower Upper

43 100

58 37.3 0.0 54.2



#14

Carbon disulfide

Concen: 4.469 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.006 min

Lab File: VV025145.D

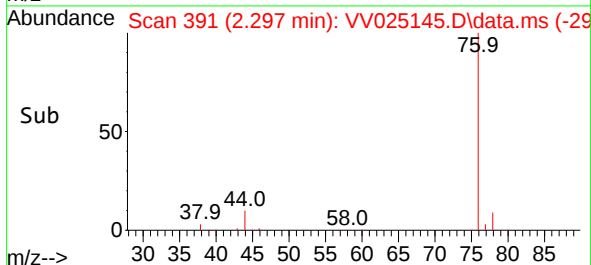
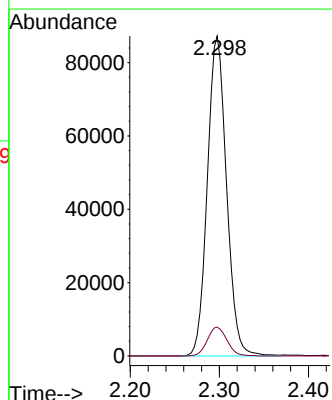
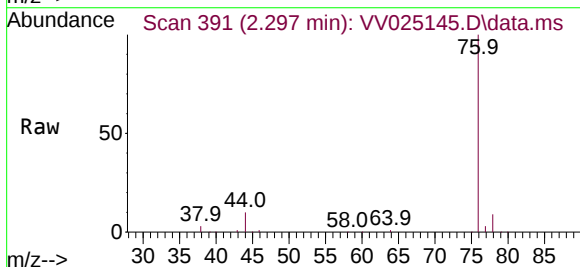
Acq: 23 Mar 2022 20:37

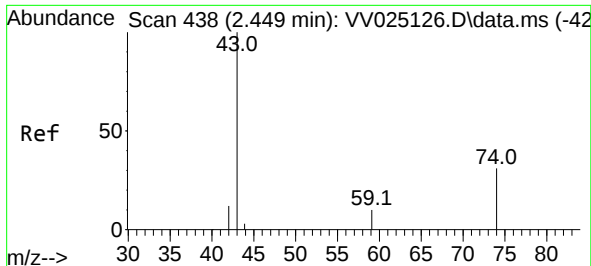
Tgt Ion: 76 Resp: 130358

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

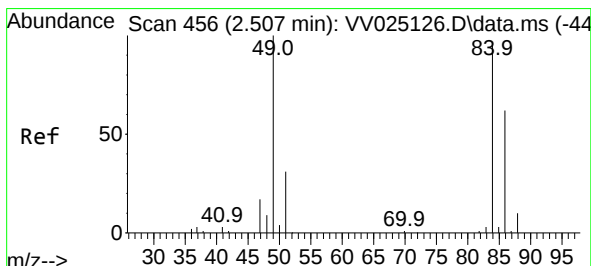
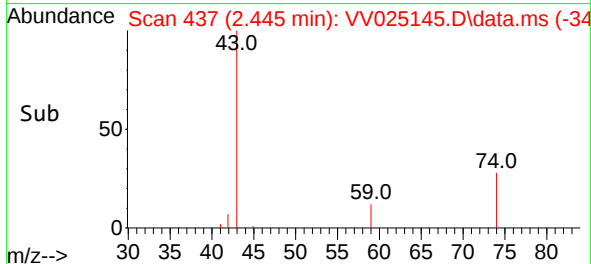
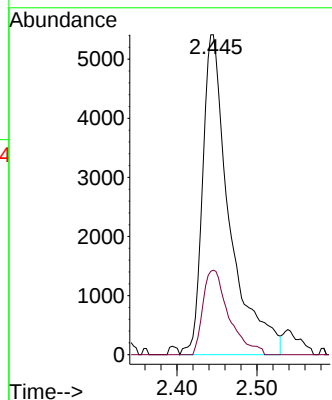
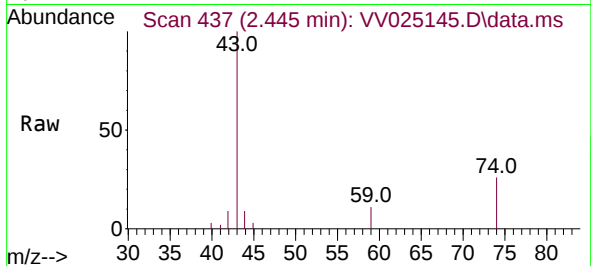




#15
Methyl Acetate
Concen: 5.676 ug/L
RT: 2.445 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

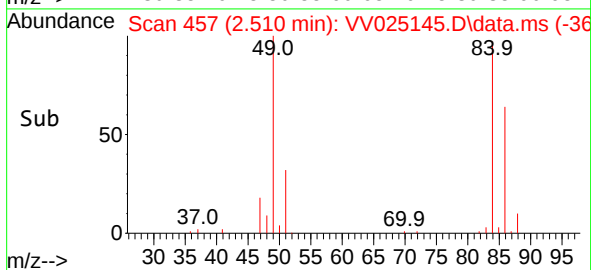
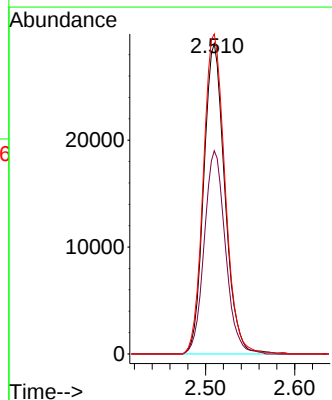
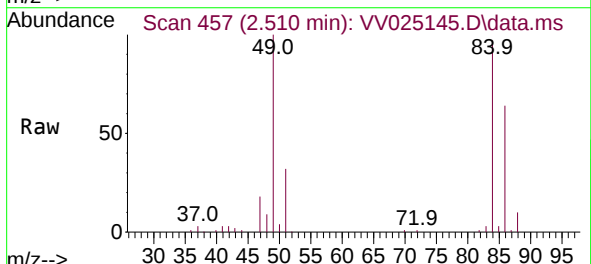
Instrument :
MSVOA_V
ClientSampleId :

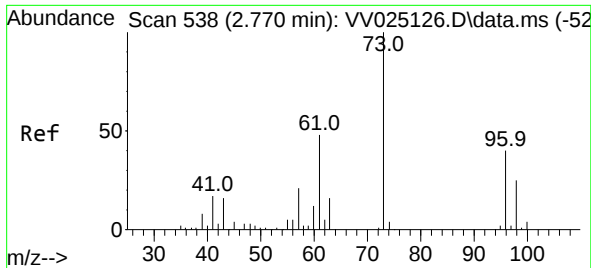
Tgt Ion: 43 Resp: 12700
Ion Ratio Lower Upper
43 100
74 25.3 24.2 36.4



#16
Methylene chloride
Concen: 4.824 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

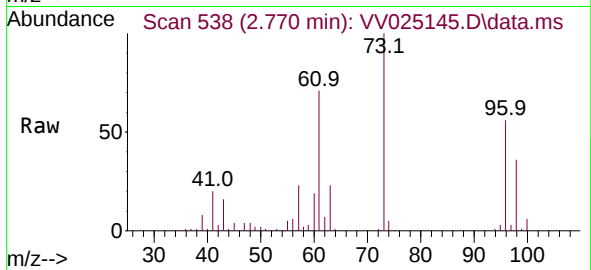
Tgt Ion: 84 Resp: 47660
Ion Ratio Lower Upper
84 100
86 65.5 45.5 84.5
49 103.1 75.0 139.2



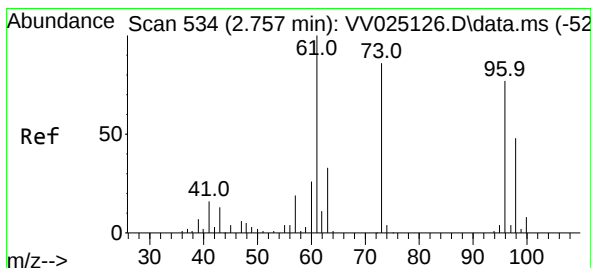
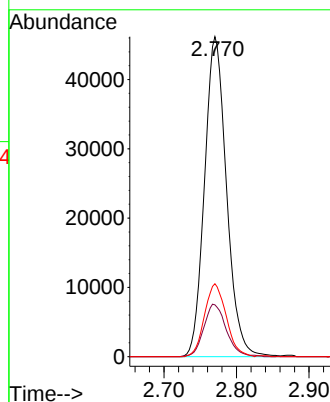
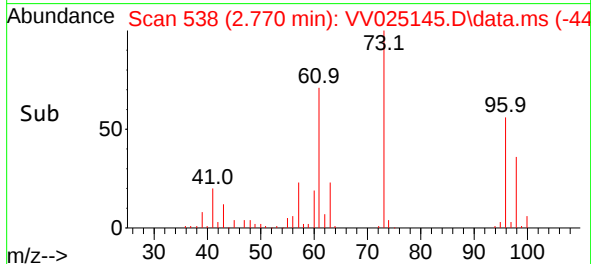


#17
Methyl tert-butyl Ether
Concen: 5.481 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

Instrument :
MSVOA_V
ClientSampleId :

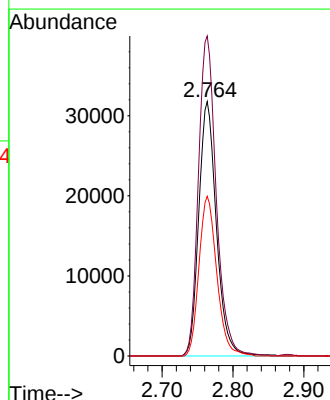
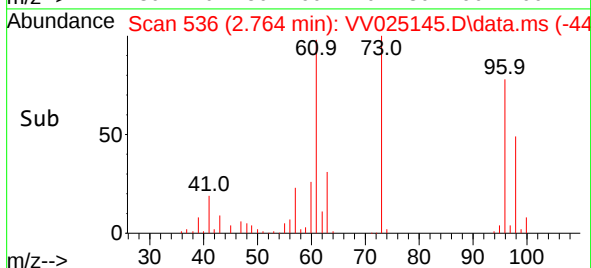
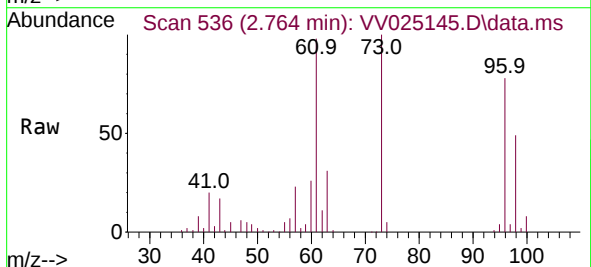


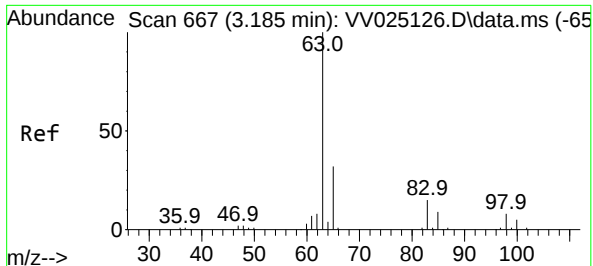
Tgt Ion: 73	Resp: 97336
Ion Ratio	Lower Upper
73 100	
43 16.8	13.2 19.8
57 22.6	16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 5.600 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

Tgt Ion: 96	Resp: 54940		
Ion Ratio	Lower	Upper	
96	100		
61	125.7	89.2	165.6
98	62.7	43.9	81.5





#19

1,1-Dichloroethane

Concen: 34.669 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.006 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Instrument :

MSVOA_V

ClientSampleId :

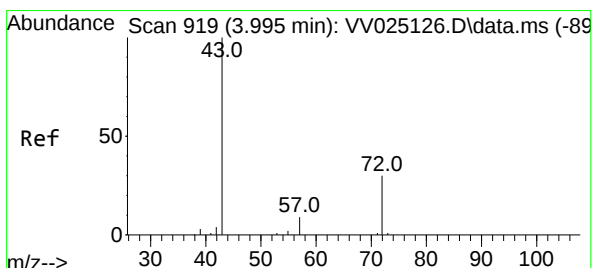
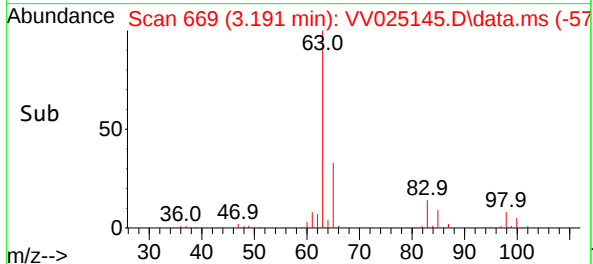
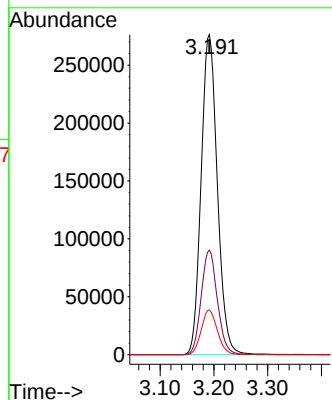
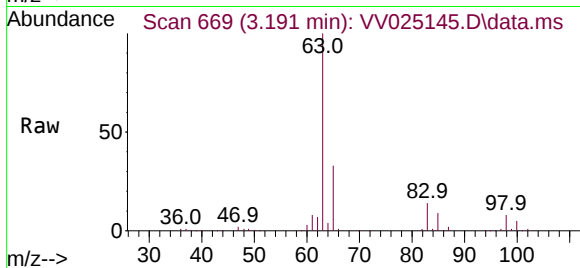
Tgt Ion: 63 Resp: 578915

Ion Ratio Lower Upper

63 100

65 32.7 22.2 41.2

83 14.0 9.4 17.4



#21

2-Butanone

Concen: 61.122 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.016 min

Lab File: VV025145.D

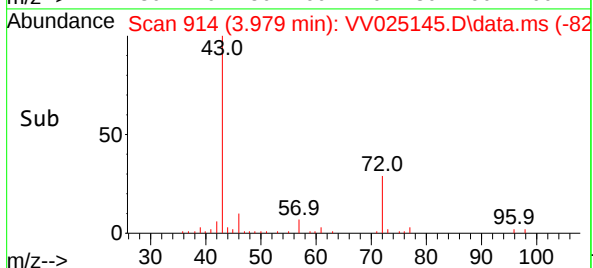
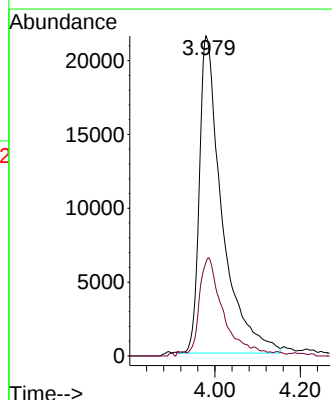
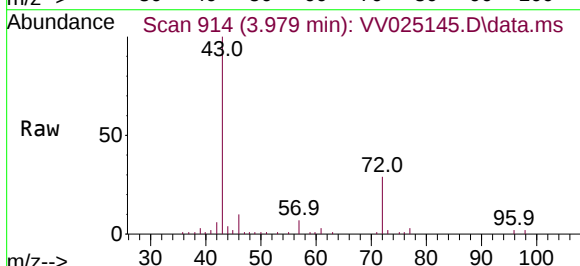
Acq: 23 Mar 2022 20:37

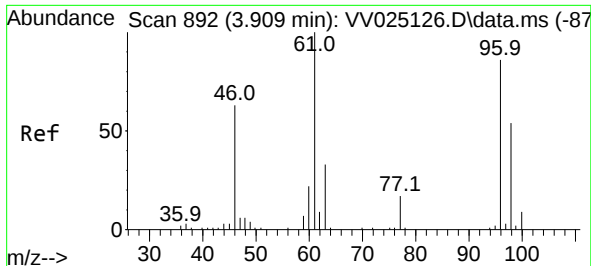
Tgt Ion: 43 Resp: 78781

Ion Ratio Lower Upper

43 100

72 30.1 10.4 31.2





#22

cis-1,2-Dichloroethene

Concen: 8.398 ug/L

RT: 3.912 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Instrument :

MSVOA_V

ClientSampleId :

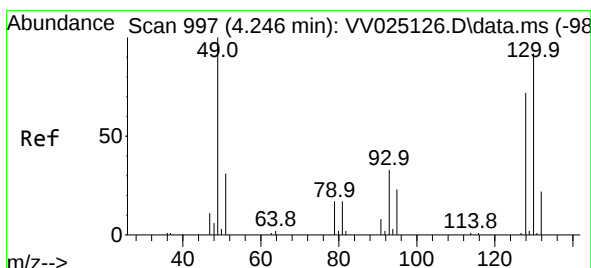
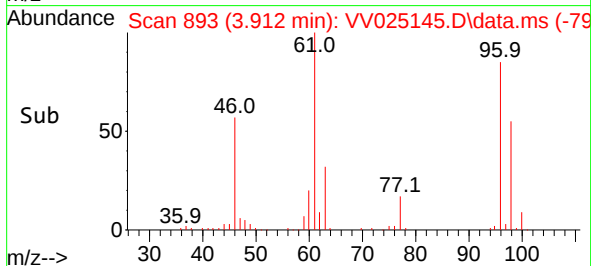
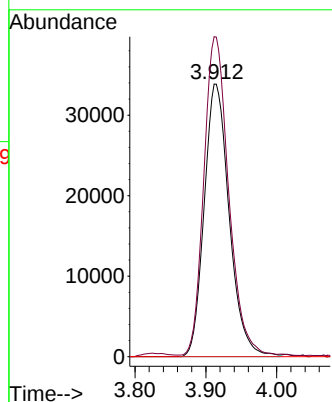
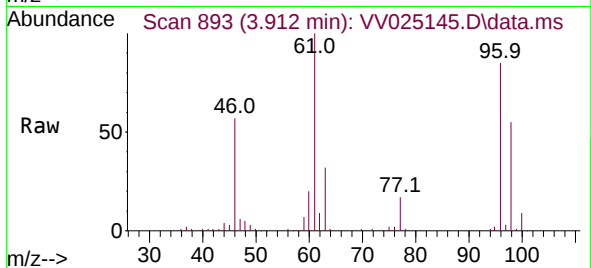
Tgt Ion: 96 Resp: 83189

Ion Ratio Lower Upper

96 100

61 117.4 79.7 147.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.194 ug/L

RT: 4.252 min Scan# 999

Delta R.T. 0.006 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Tgt Ion:128 Resp: 20283

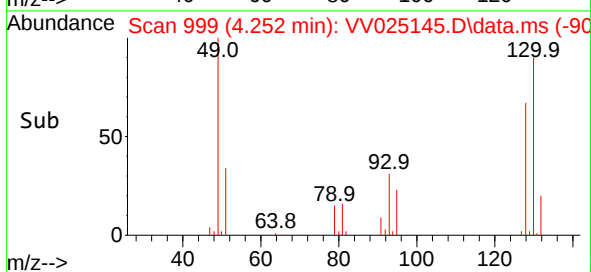
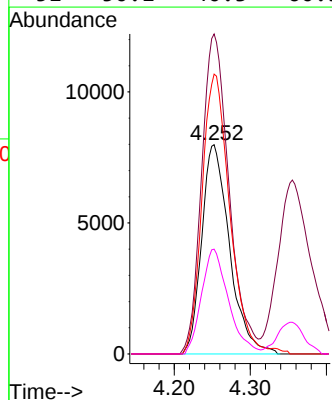
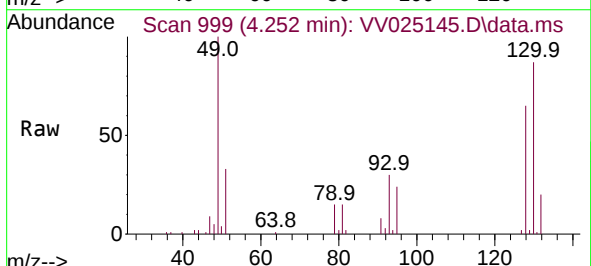
Ion Ratio Lower Upper

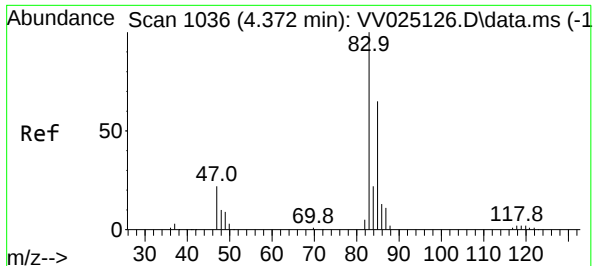
128 100

49 152.9 107.5 199.7

130 133.7 89.4 166.0

51 50.1 40.3 60.5





#25

Chloroform

Concen: 5.083 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Instrument :

MSVOA_V

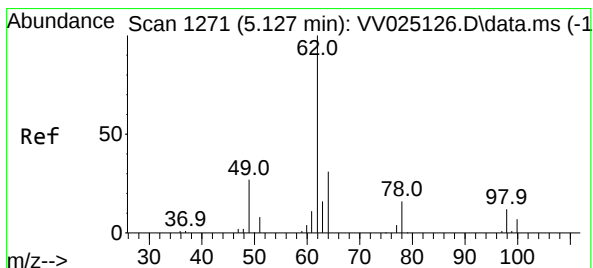
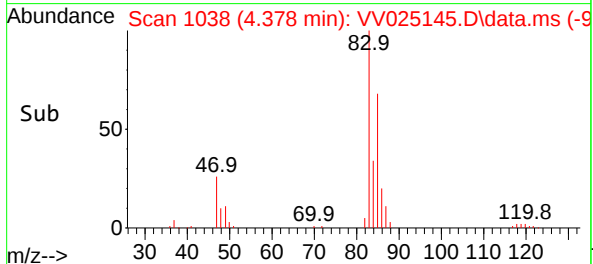
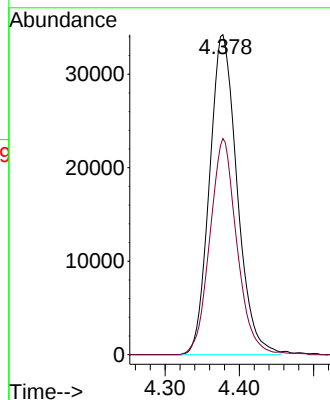
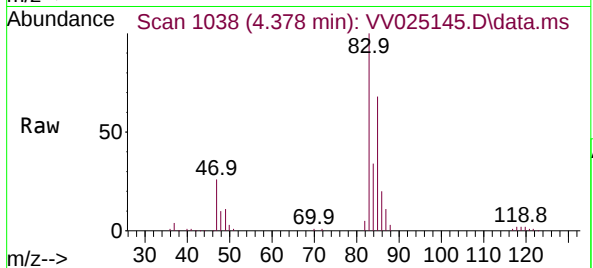
ClientSampleId :

Tgt Ion: 83 Resp: 88373

Ion Ratio Lower Upper

83 100

85 67.5 44.5 82.7



#27

1,2-Dichloroethane

Concen: 5.243 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV025145.D

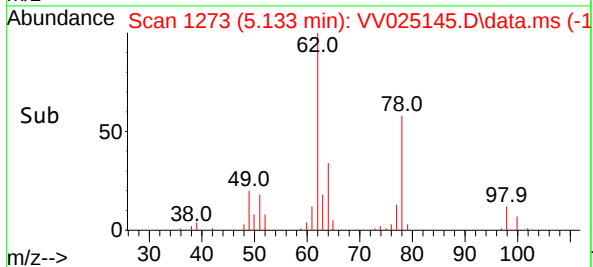
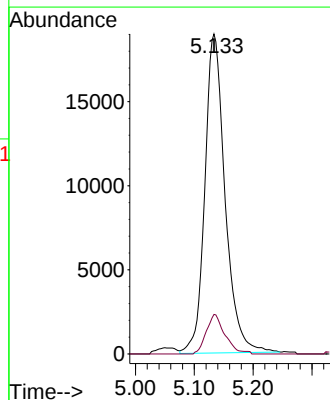
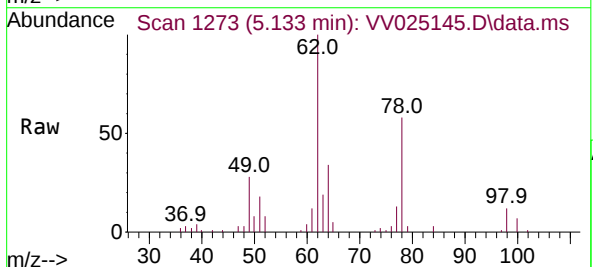
Acq: 23 Mar 2022 20:37

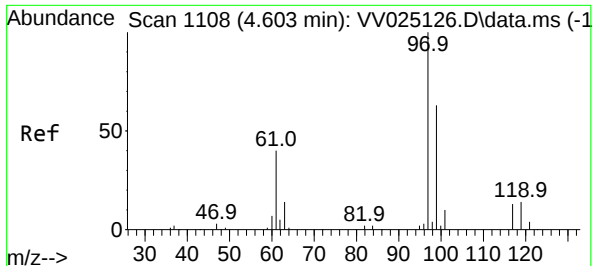
Tgt Ion: 62 Resp: 45330

Ion Ratio Lower Upper

62 100

98 12.3 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 22.371 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Instrument :

MSVOA_V

ClientSampleId :

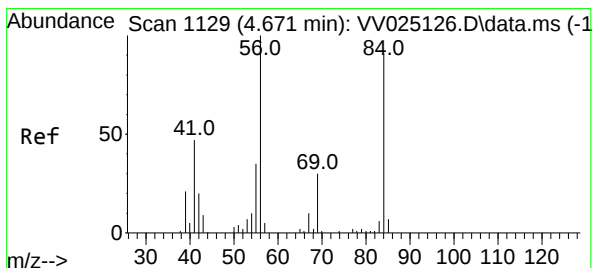
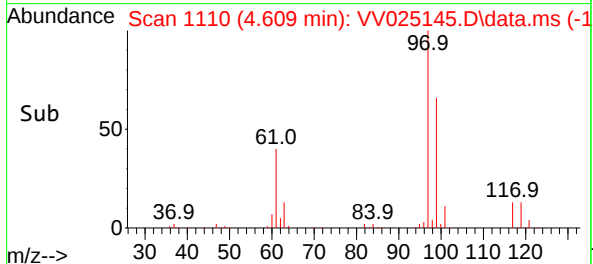
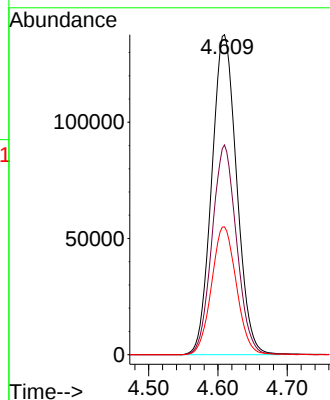
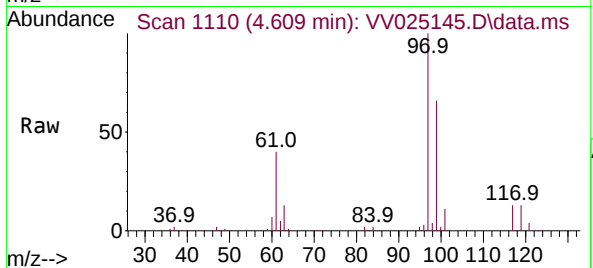
Tgt Ion: 97 Resp: 344405

Ion Ratio Lower Upper

97 100

99 64.7 50.7 76.1

61 39.8 32.4 48.6



#30

Cyclohexane

Concen: 4.825 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.009 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

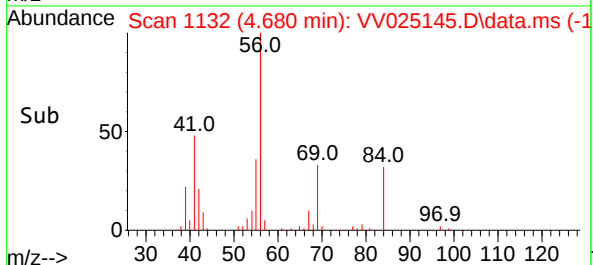
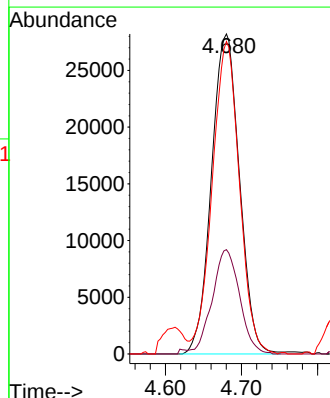
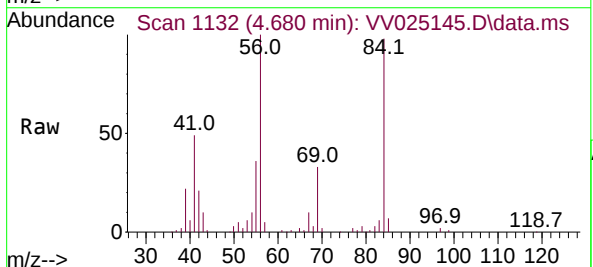
Tgt Ion: 56 Resp: 72279

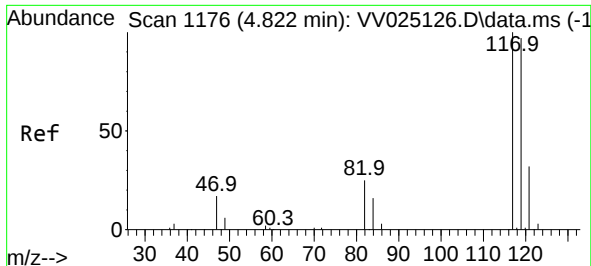
Ion Ratio Lower Upper

56 100

69 31.8 24.9 37.3

84 94.6 75.9 113.9

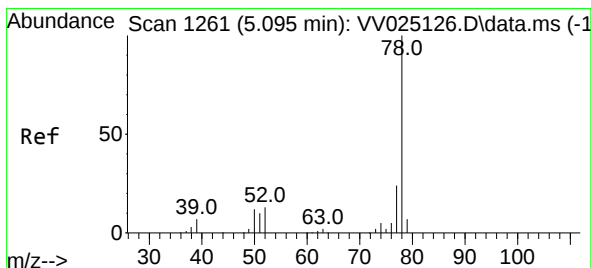
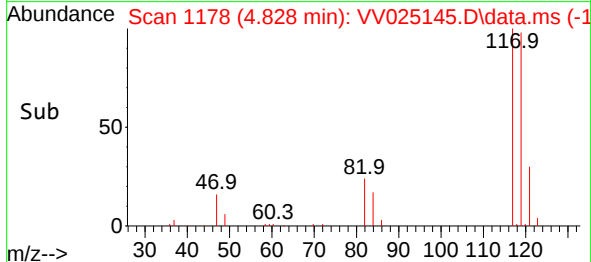
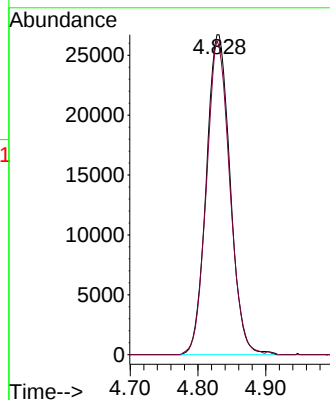
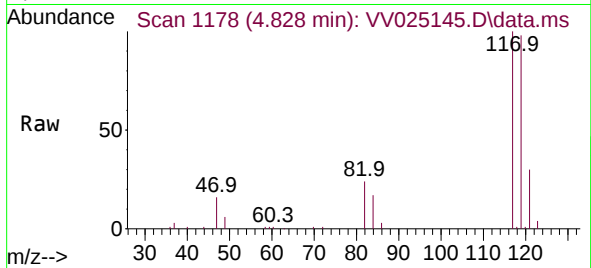




#31
Carbon tetrachloride
Concen: 4.937 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

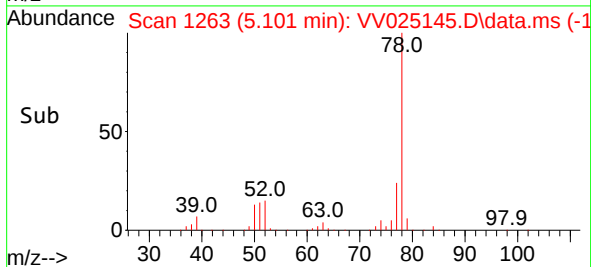
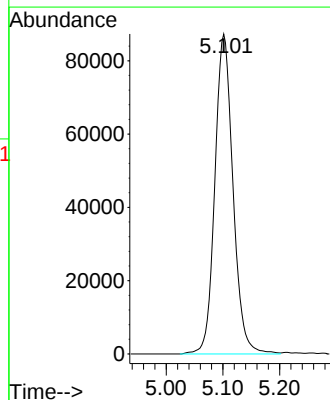
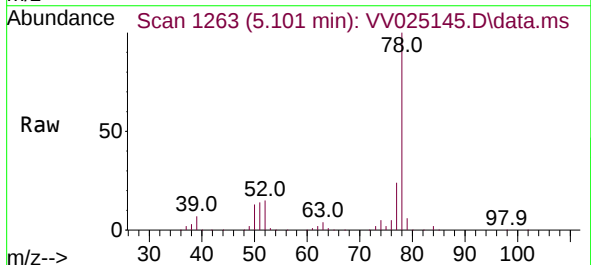
Instrument :
MSVOA_V
ClientSampleId :

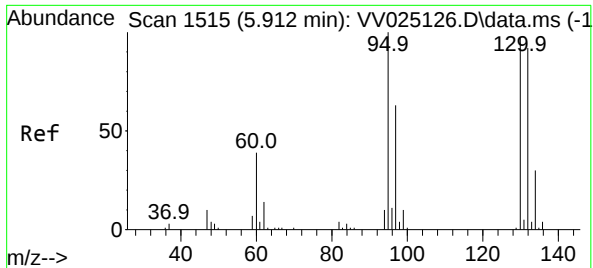
Tgt Ion:117 Resp: 65209
Ion Ratio Lower Upper
117 100
119 96.3 76.8 115.2



#33
Benzene
Concen: 4.947 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

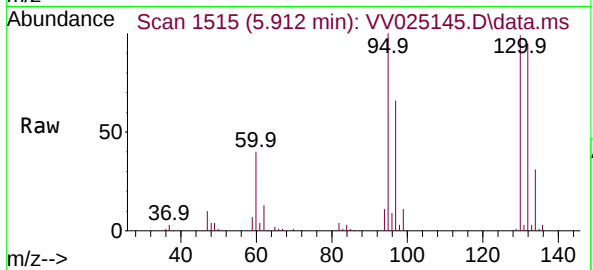
Tgt Ion: 78 Resp: 194267



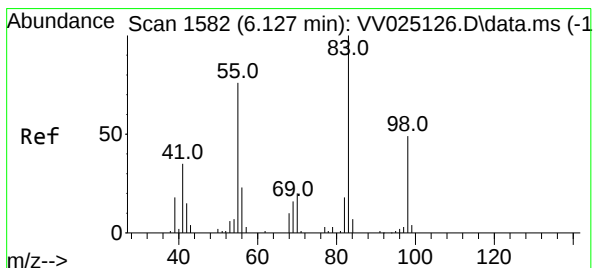
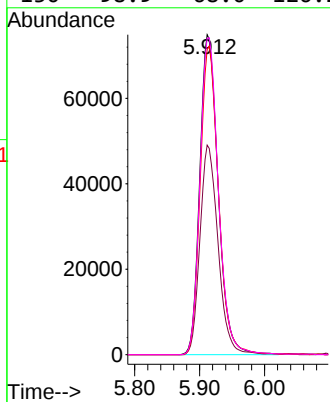
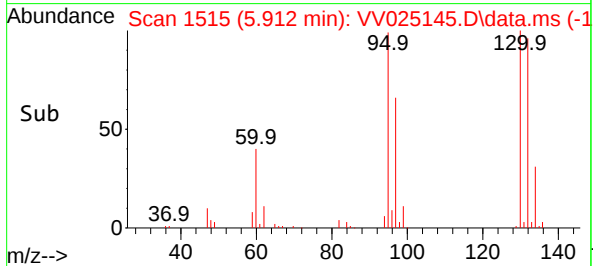


#34
Trichloroethene
Concen: 14.147 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

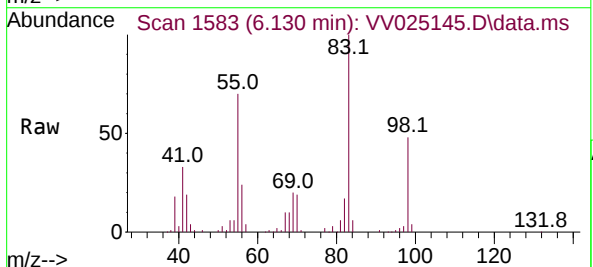
Instrument :
MSVOA_V
ClientSampleId :



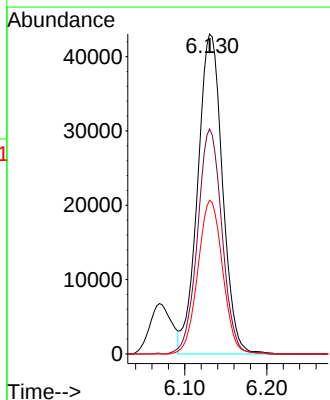
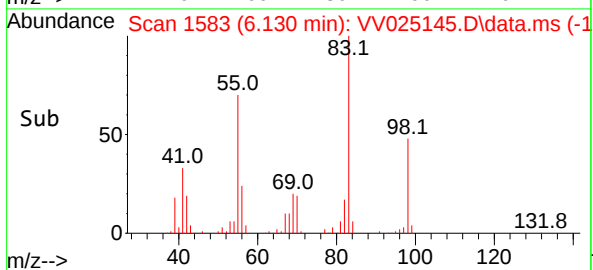
Tgt Ion: 95 Resp: 147913
Ion Ratio Lower Upper
95 100
97 65.5 44.5 82.7
132 95.4 66.5 123.5
130 98.9 68.0 126.2

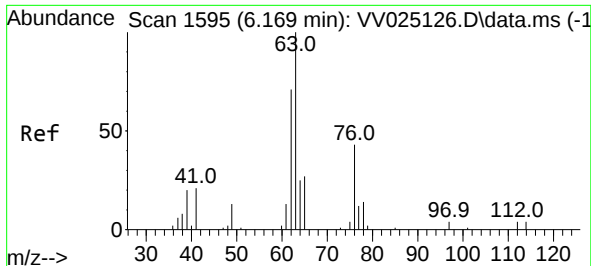


#35
Methylcyclohexane
Concen: 5.463 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37



Tgt Ion: 83 Resp: 90416
Ion Ratio Lower Upper
83 100
55 69.3 55.4 83.0
98 48.0 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.206 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Instrument :

MSVOA_V

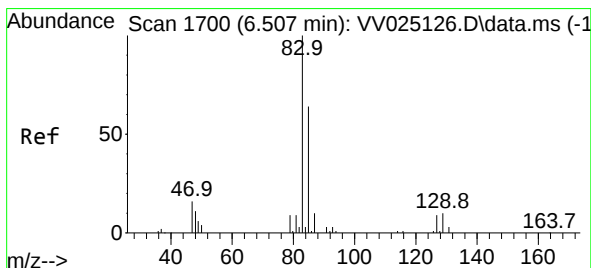
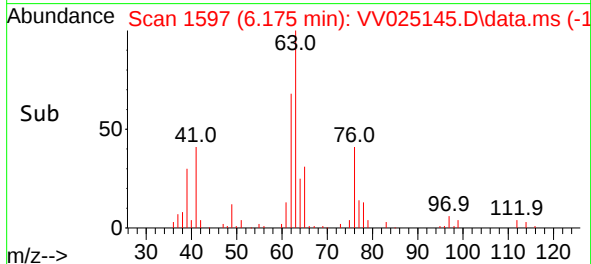
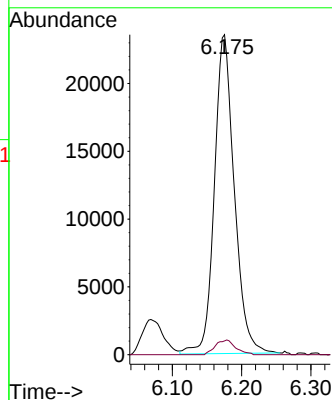
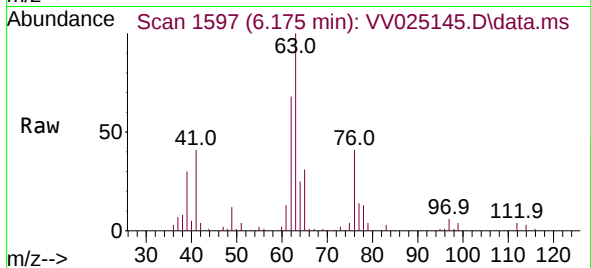
ClientSampleId :

Tgt Ion: 63 Resp: 46981

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 5.106 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

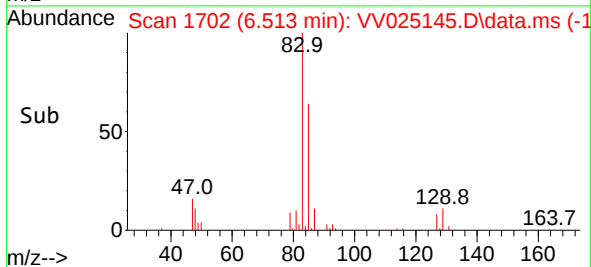
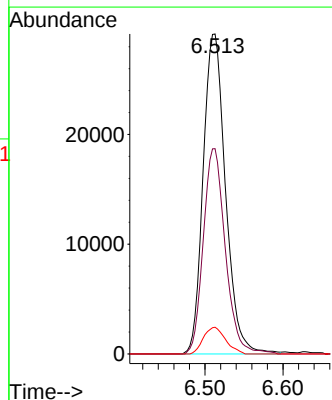
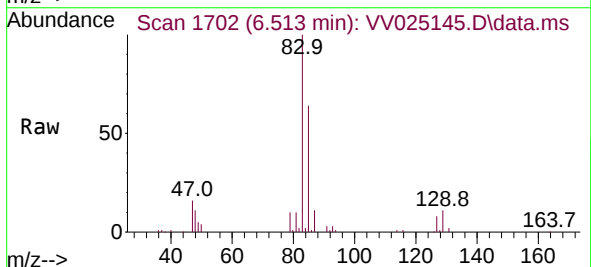
Tgt Ion: 83 Resp: 58263

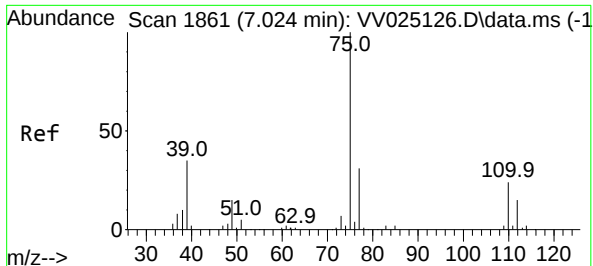
Ion Ratio Lower Upper

83 100

85 64.1 44.8 83.2

127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.808 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Instrument :

MSVOA_V

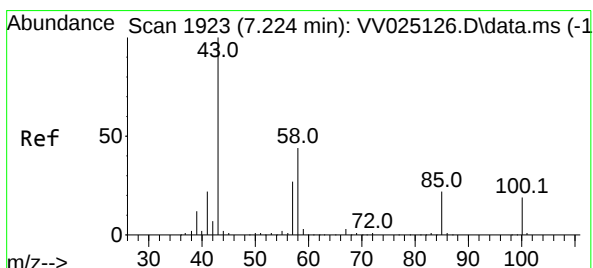
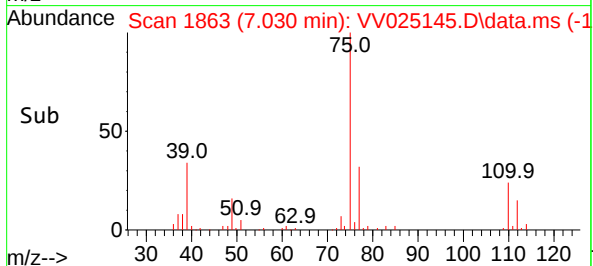
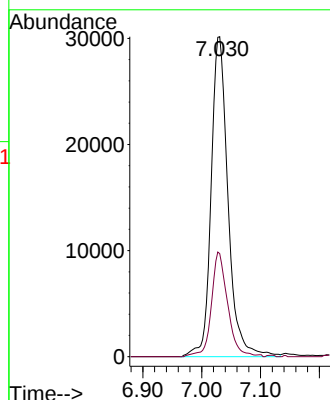
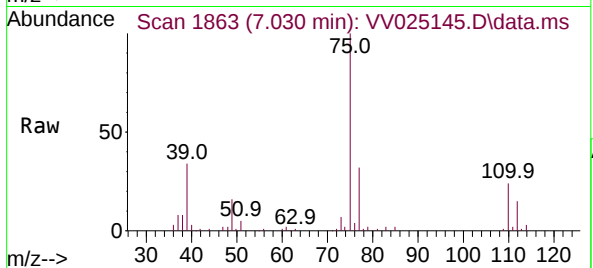
ClientSampleId :

Tgt Ion: 75 Resp: 60238

Ion Ratio Lower Upper

75 100

77 32.2 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 52.752 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

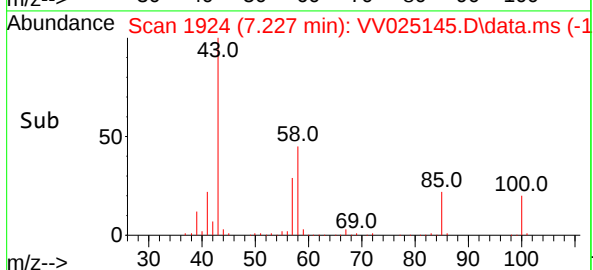
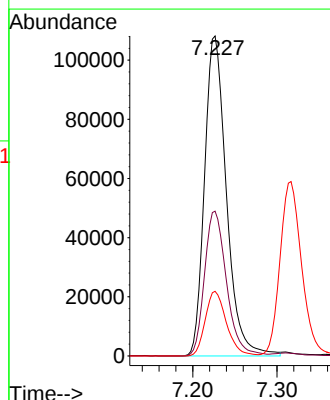
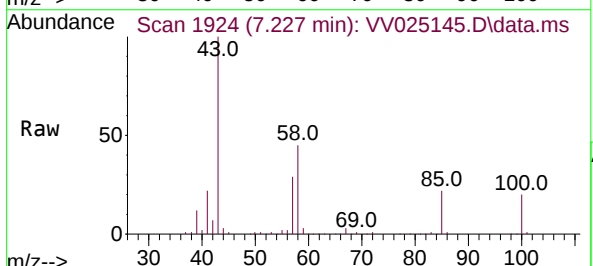
Tgt Ion: 43 Resp: 195872

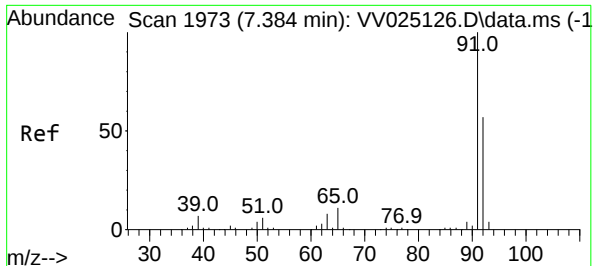
Ion Ratio Lower Upper

43 100

58 45.5 36.6 55.0

100 19.6 13.8 20.8





#42

Toluene

Concen: 5.104 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Instrument :

MSVOA_V

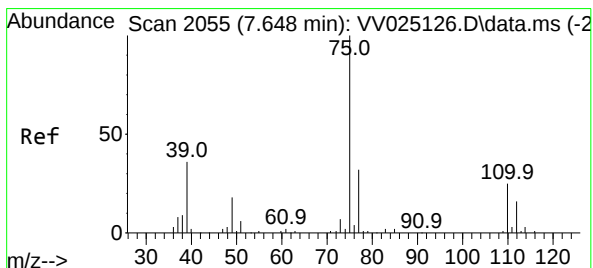
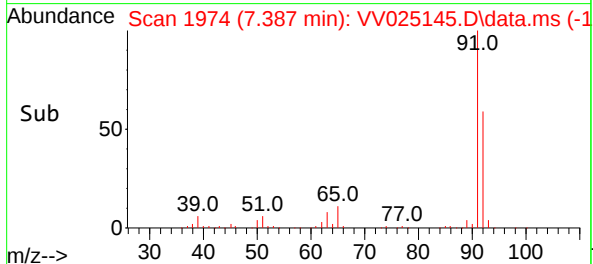
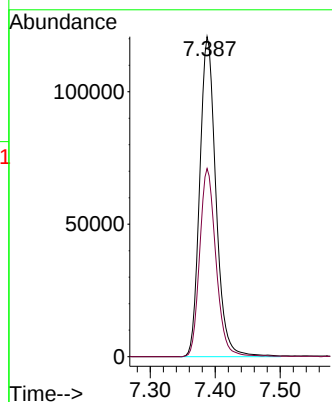
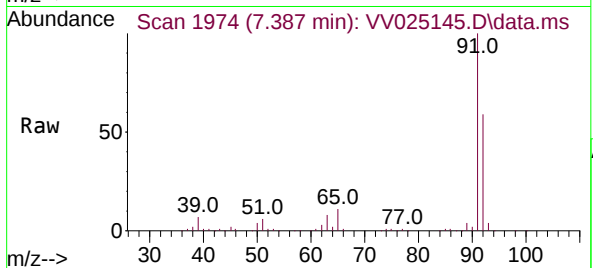
ClientSampleId :

Tgt Ion: 91 Resp: 209754

Ion Ratio Lower Upper

91 100

92 58.8 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.769 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025145.D

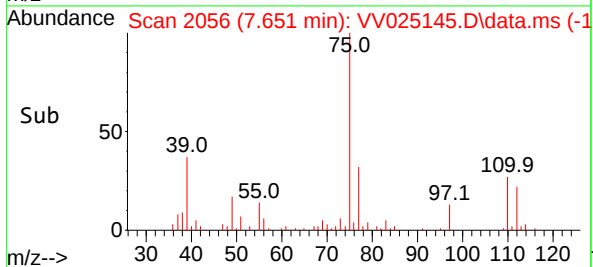
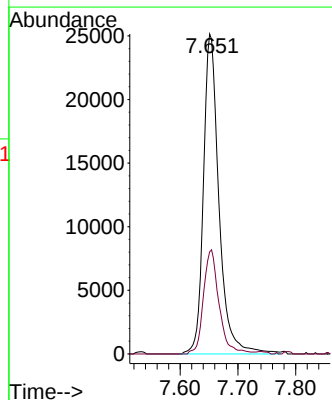
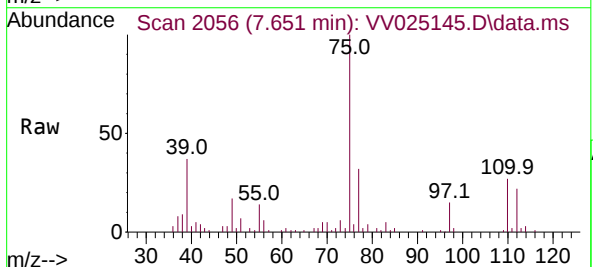
Acq: 23 Mar 2022 20:37

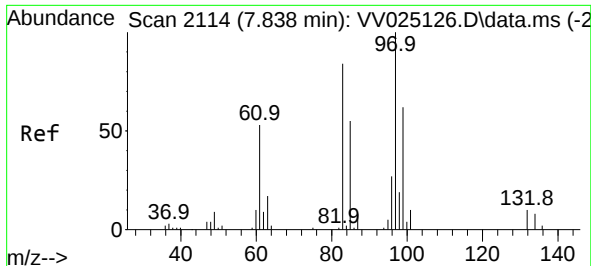
Tgt Ion: 75 Resp: 47016

Ion Ratio Lower Upper

75 100

77 31.9 23.0 42.6



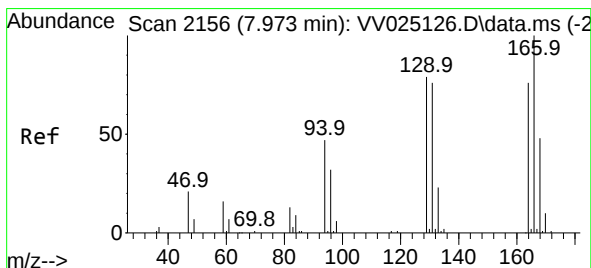
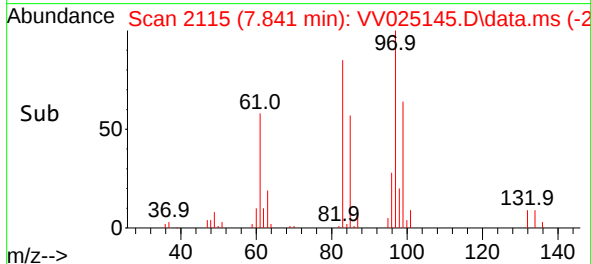
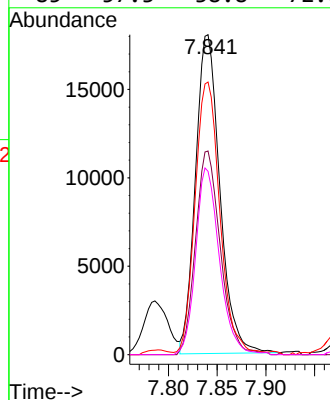
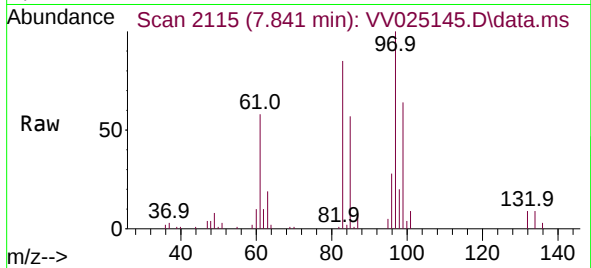


#45
1,1,2-Trichloroethane
Concen: 5.202 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 31353

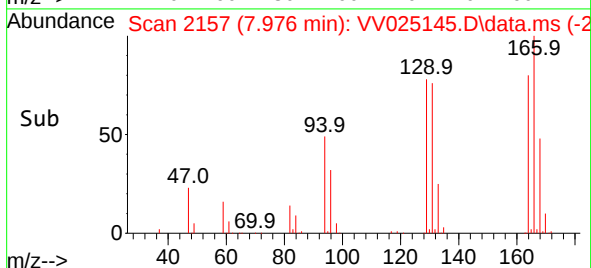
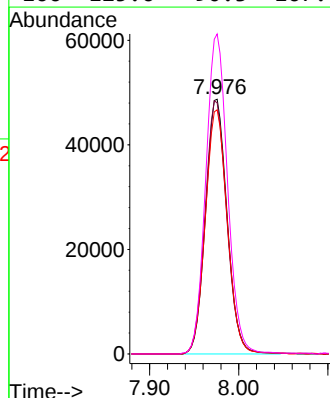
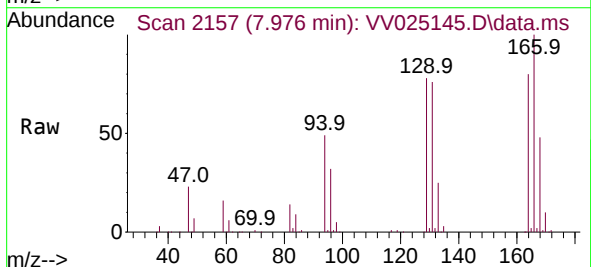
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.7	81.1
83	85.2	58.9	109.3
85	57.3	38.8	72.0

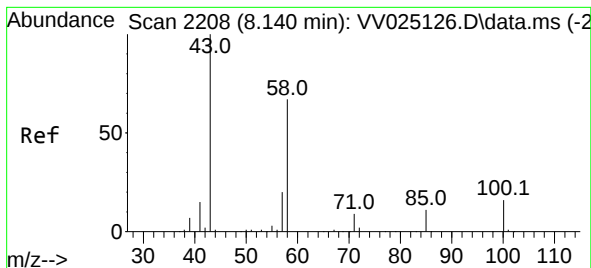


#47
Tetrachloroethene
Concen: 11.120 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

Tgt Ion: 164 Resp: 81791

Ion	Ratio	Lower	Upper
164	100		
129	98.6	70.3	130.7
131	95.8	69.4	129.0
166	125.6	90.3	167.7





#48

2-Hexanone

Concen: 51.475 ug/L

RT: 8.140 min Scan# 21

Delta R.T. -0.000 min

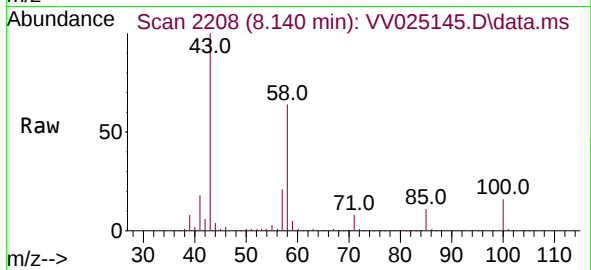
Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 135500

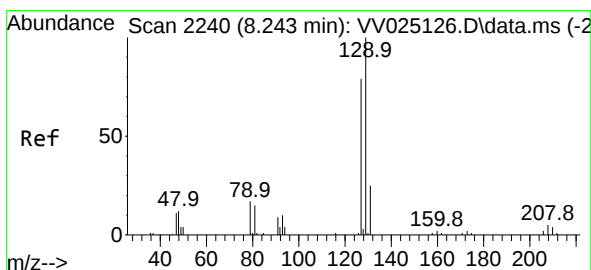
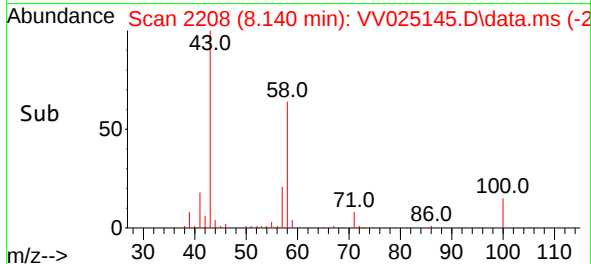
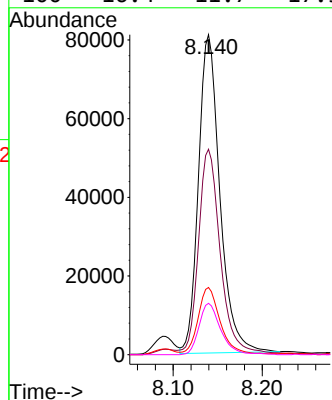
Ion Ratio Lower Upper

43 100

58 65.4 49.2 73.8

57 22.0 16.0 24.0

100 16.4 11.7 17.5



#49

Dibromochloromethane

Concen: 5.048 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV025145.D

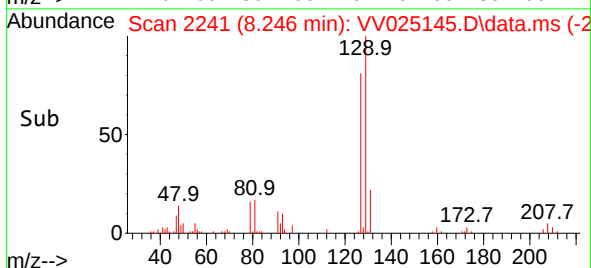
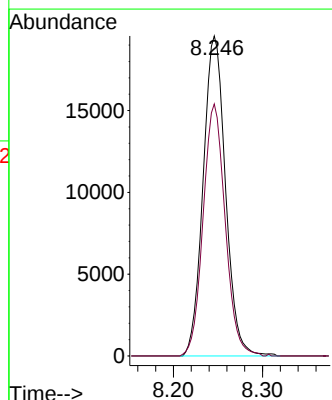
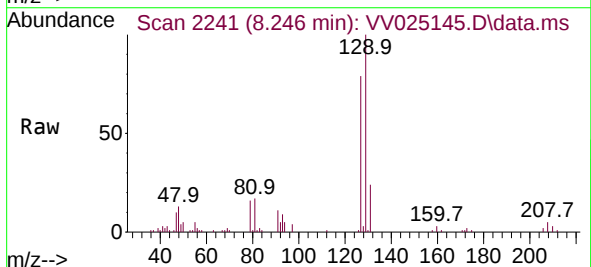
Acq: 23 Mar 2022 20:37

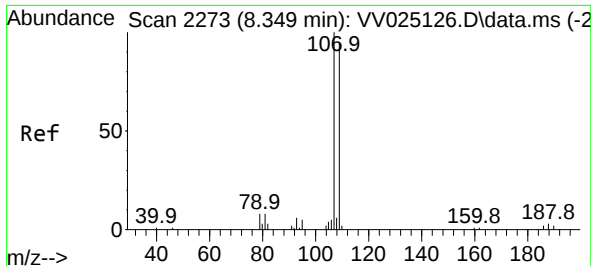
Tgt Ion:129 Resp: 34056

Ion Ratio Lower Upper

129 100

127 78.7 54.9 102.1





#50

1,2-Dibromoethane

Concen: 5.187 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Instrument :

MSVOA_V

ClientSampleId :

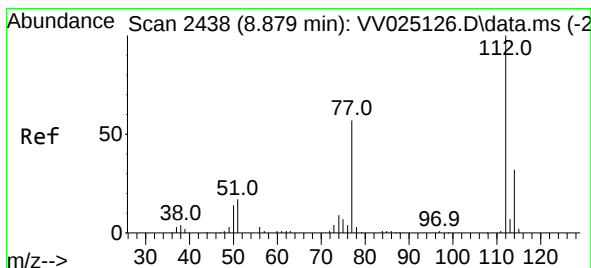
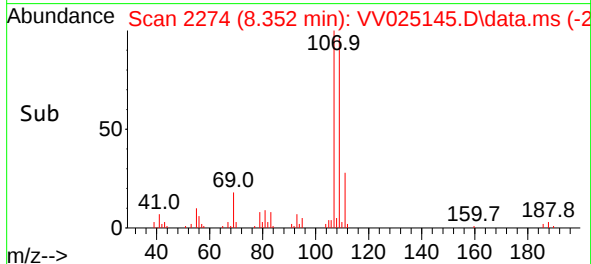
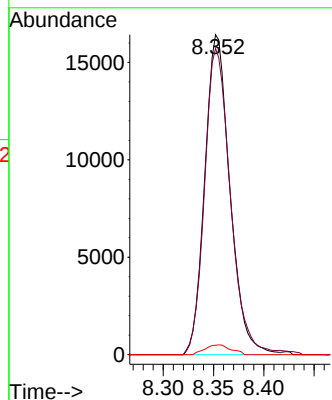
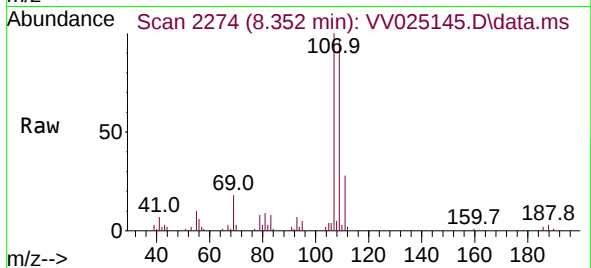
Tgt Ion:107 Resp: 28610

Ion Ratio Lower Upper

107 100

109 95.7 65.5 121.6

188 2.9 2.4 3.6



#51

Chlorobenzene

Concen: 5.080 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

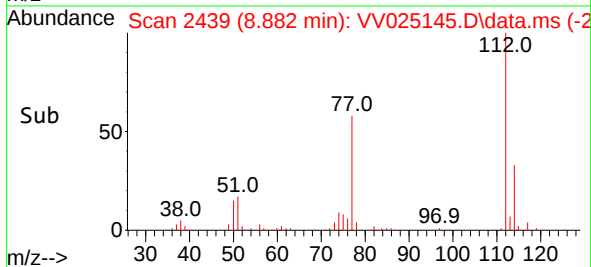
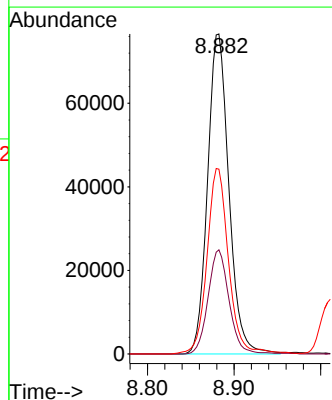
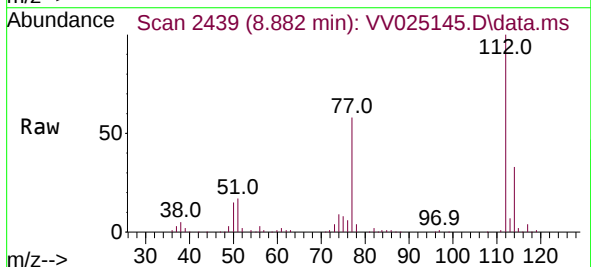
Tgt Ion:112 Resp: 130724

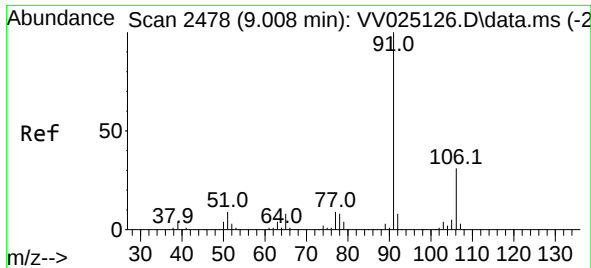
Ion Ratio Lower Upper

112 100

114 32.6 22.5 41.7

77 57.7 45.3 67.9

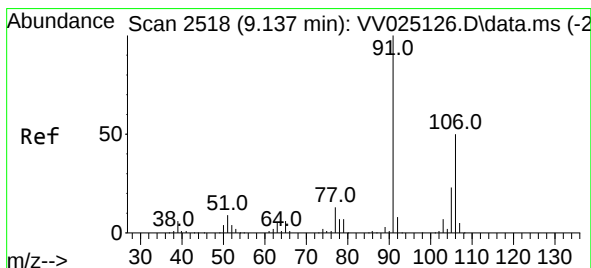
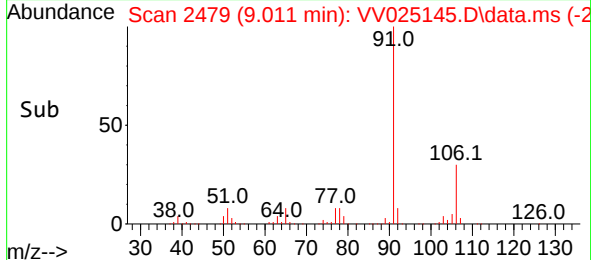
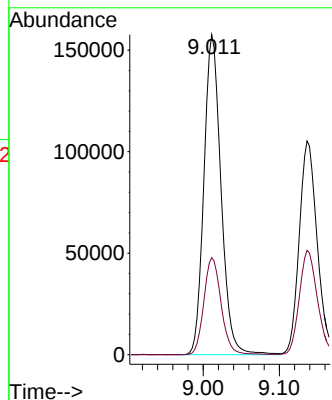
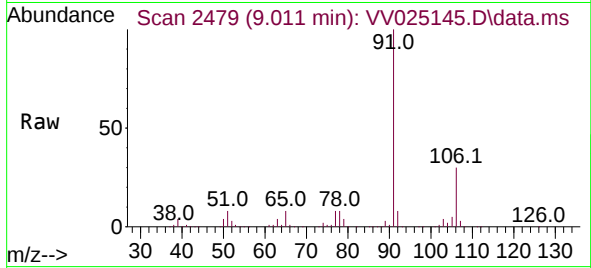




#52
Ethylbenzene
Concen: 5.675 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

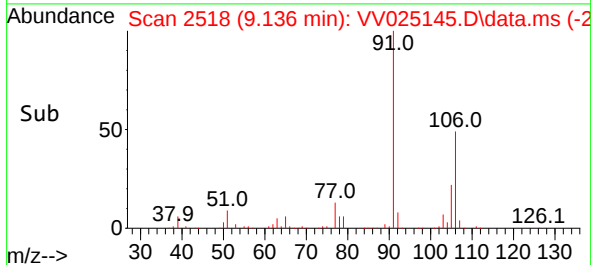
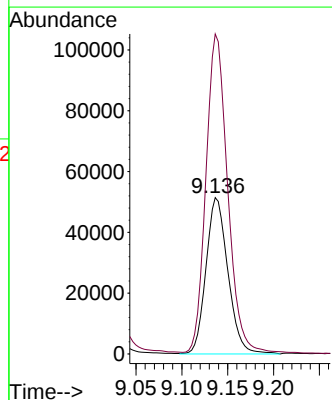
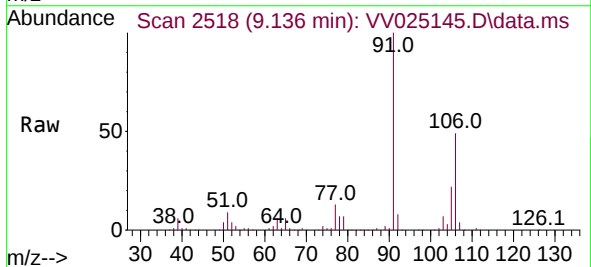
Instrument :
MSVOA_V
ClientSampleId :

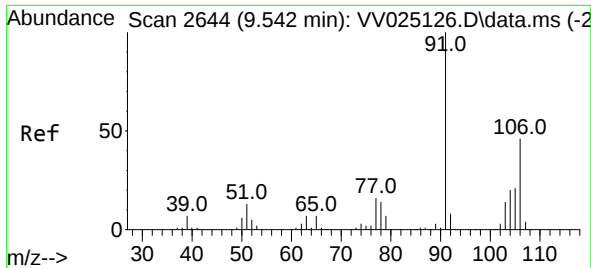
Tgt Ion: 91 Resp: 246695
Ion Ratio Lower Upper
91 100
106 30.3 21.9 40.7



#53
m,p-xylene
Concen: 5.118 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

Tgt Ion: 106 Resp: 85685
Ion Ratio Lower Upper
106 100
91 204.8 143.4 266.4

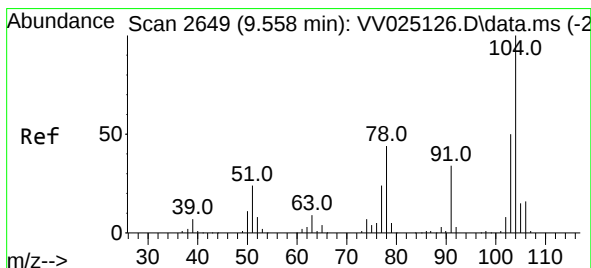
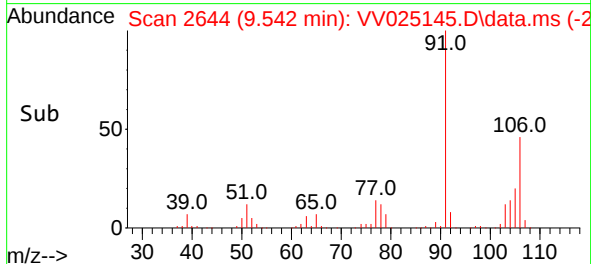
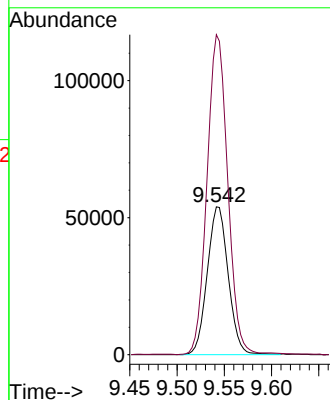
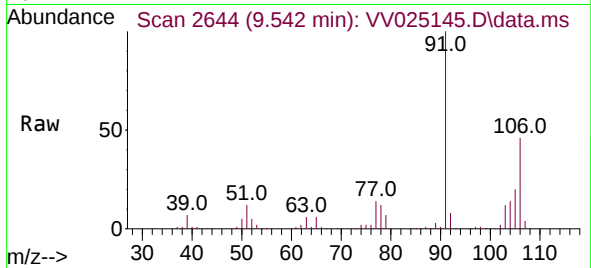




#54
o-xylene
Concen: 5.207 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

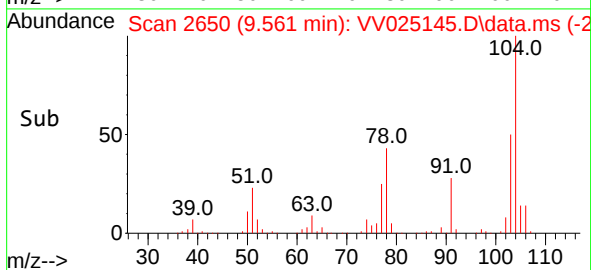
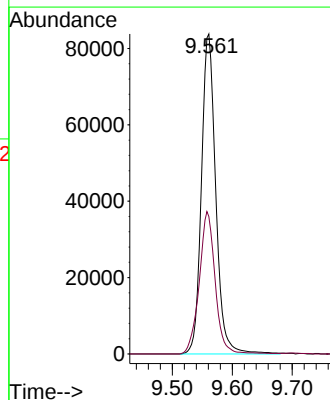
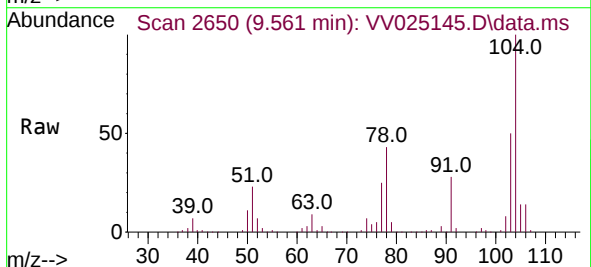
Instrument :
MSVOA_V
ClientSampleId :

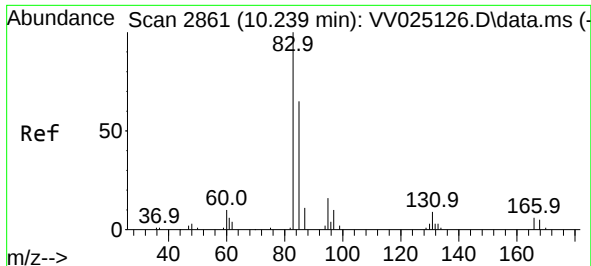
Tgt Ion:106 Resp: 83355
Ion Ratio Lower Upper
106 100
91 216.5 146.7 272.5



#55
Styrene
Concen: 5.363 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

Tgt Ion:104 Resp: 139838
Ion Ratio Lower Upper
104 100
78 43.0 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 6.106 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Instrument :

MSVOA_V

ClientSampleId :

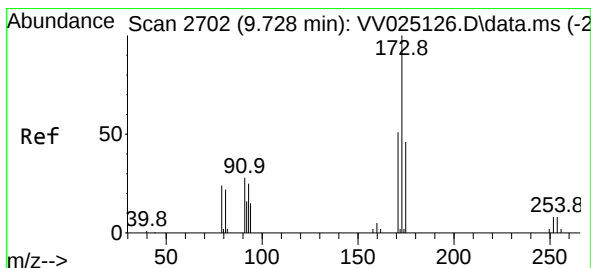
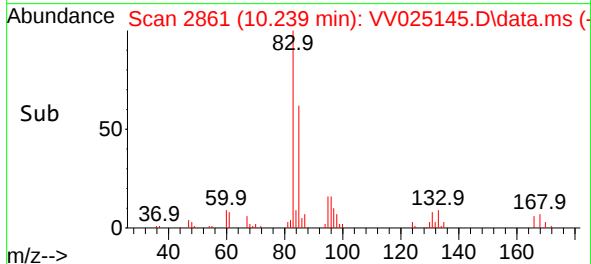
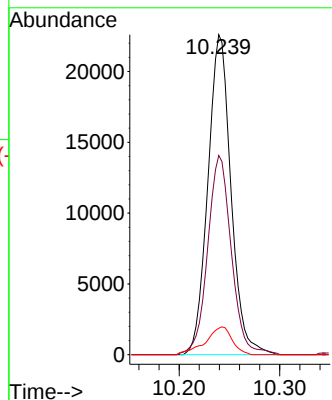
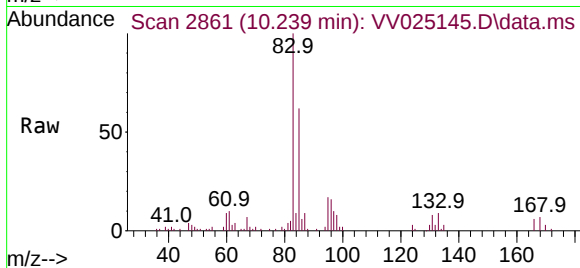
Tgt Ion: 83 Resp: 36077

Ion Ratio Lower Upper

83 100

85 62.2 43.9 81.5

131 8.3 7.5 11.3



#59

Bromoform

Concen: 4.408 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

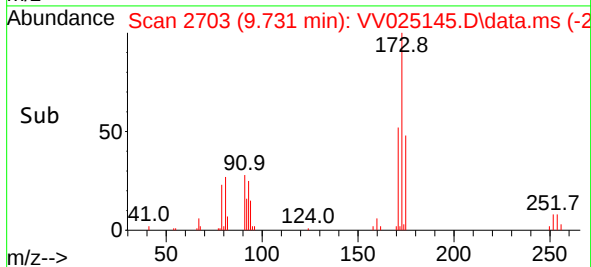
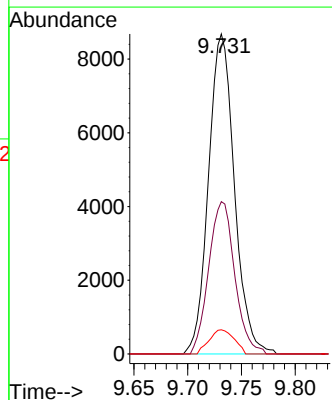
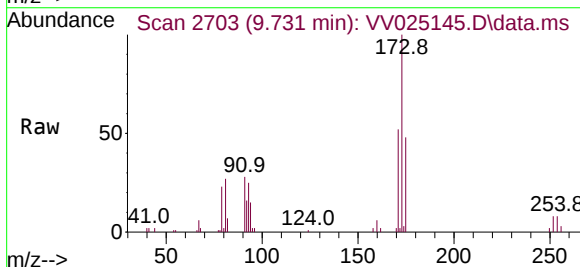
Tgt Ion: 173 Resp: 14565

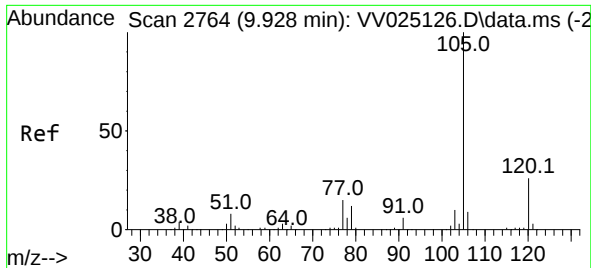
Ion Ratio Lower Upper

173 100

175 47.8 37.8 56.8

254 7.3 5.8 8.6

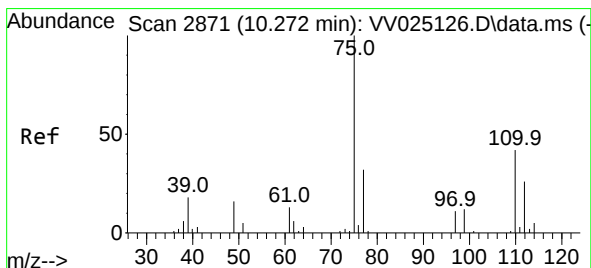
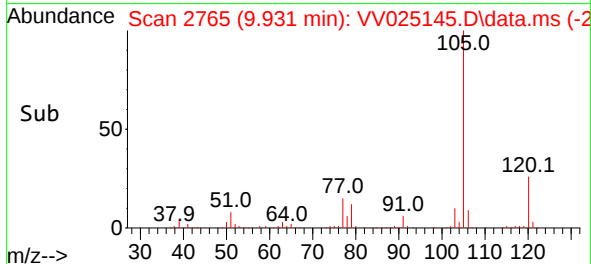
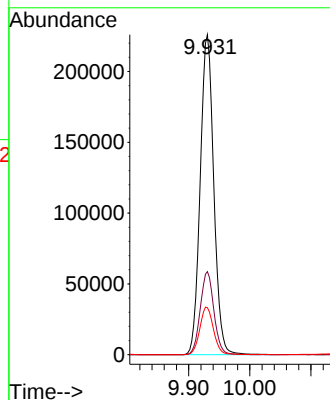
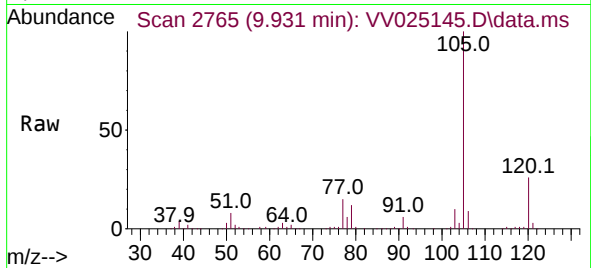




#60
Isopropylbenzene
Concen: 7.519 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

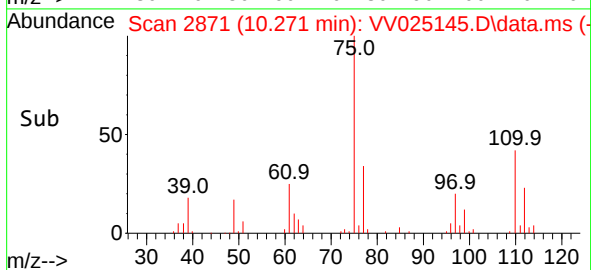
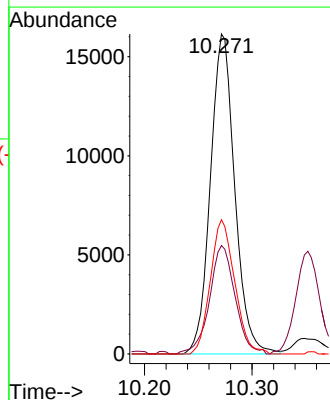
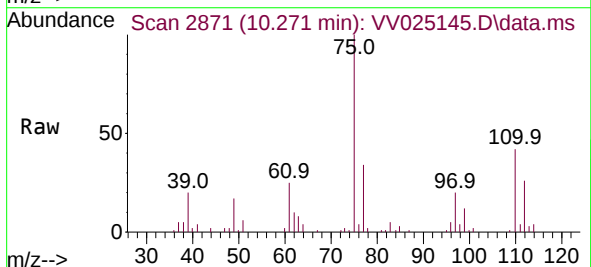
Instrument :
MSVOA_V
ClientSampleId :

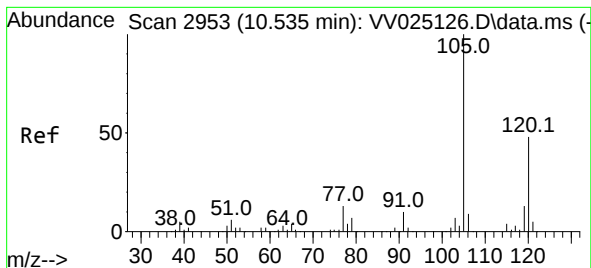
Tgt Ion:105 Resp: 347862
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.0 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.927 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

Tgt Ion: 75 Resp: 25419
Ion Ratio Lower Upper
75 100
77 35.5 25.7 38.5
110 41.9 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 5.544 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Instrument :

MSVOA_V

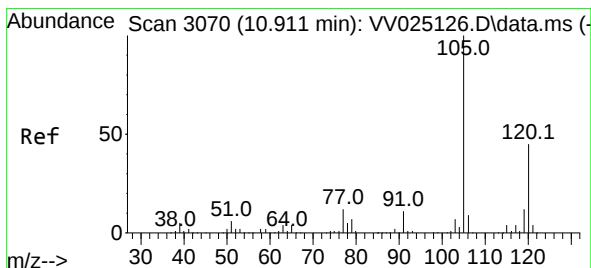
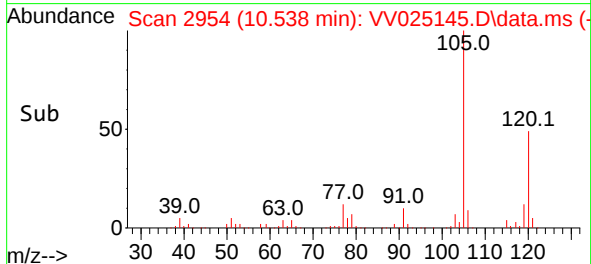
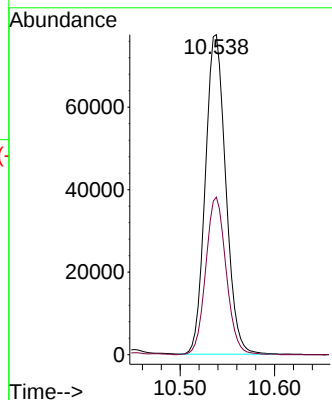
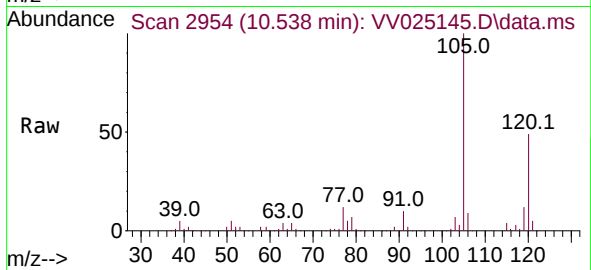
ClientSampleId :

Tgt Ion:105 Resp: 116383

Ion Ratio Lower Upper

105 100

120 49.1 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.084 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV025145.D

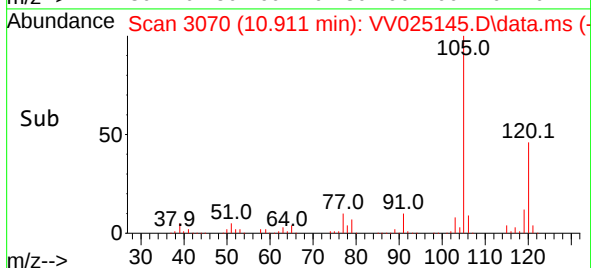
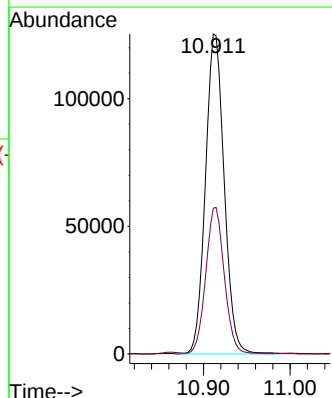
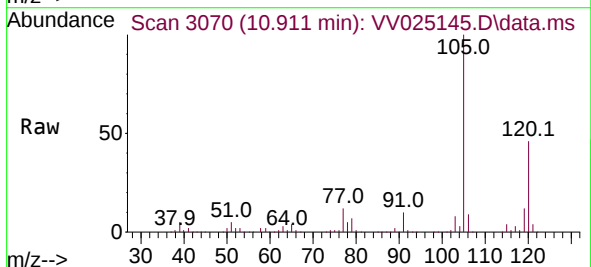
Acq: 23 Mar 2022 20:37

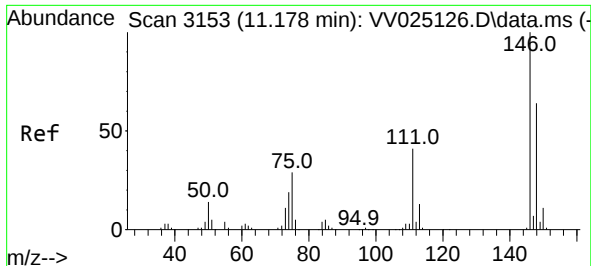
Tgt Ion:105 Resp: 189000

Ion Ratio Lower Upper

105 100

120 44.9 35.8 53.8

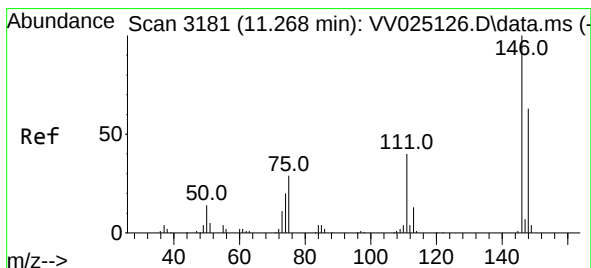
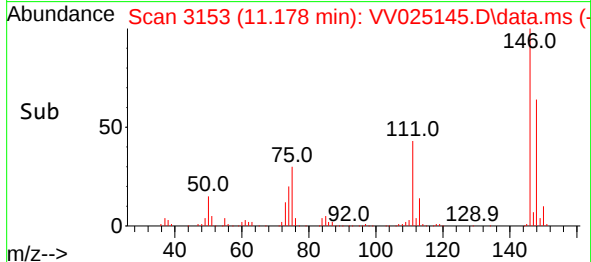
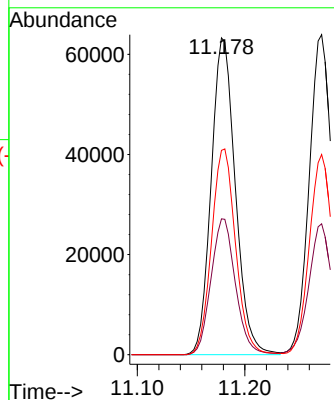
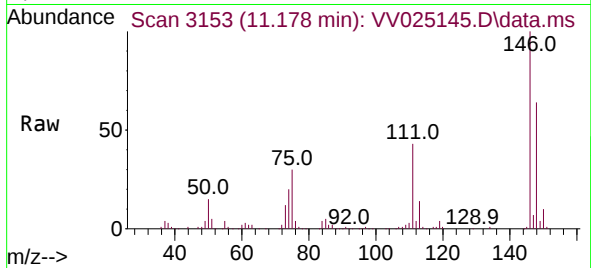




#64
1,3-Dichlorobenzene
Concen: 4.921 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

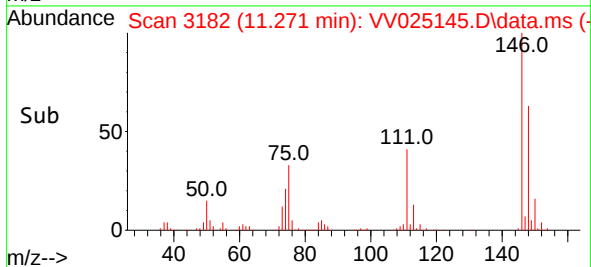
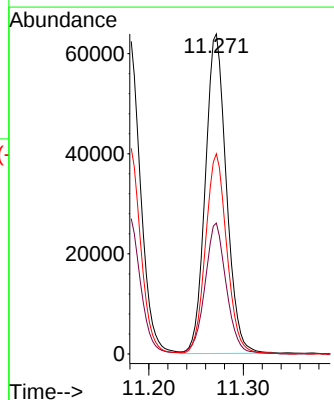
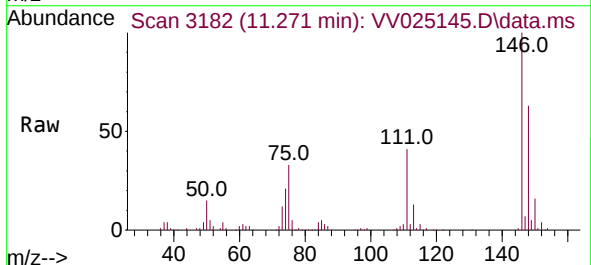
Instrument :
MSVOA_V
ClientSampleId :

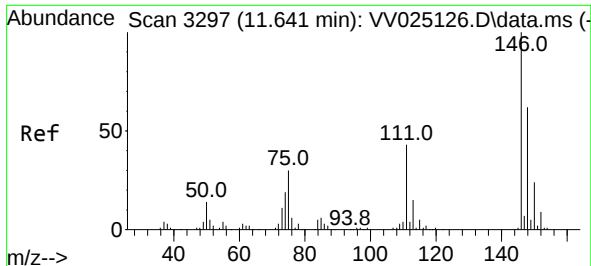
Tgt Ion:146 Resp: 98747
Ion Ratio Lower Upper
146 100
111 42.9 29.2 54.2
148 64.5 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.874 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

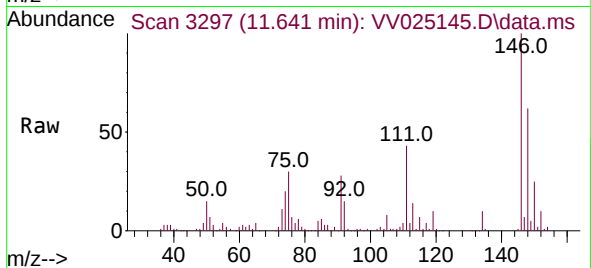
Tgt Ion:146 Resp: 98608
Ion Ratio Lower Upper
146 100
111 40.9 28.2 52.4
148 62.6 43.8 81.4



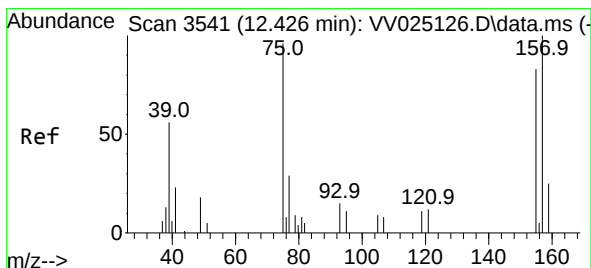
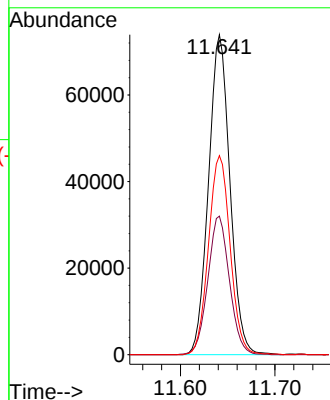
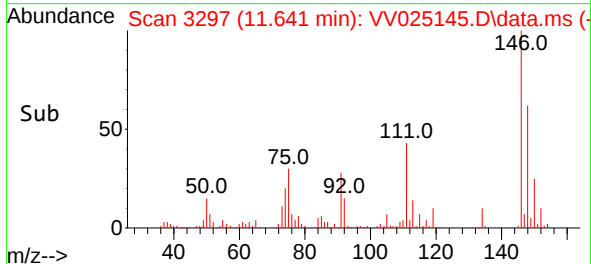


#67
 1,2-Dichlorobenzene
 Concen: 6.540 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. -0.000 min
 Lab File: VV025145.D
 Acq: 23 Mar 2022 20:37

Instrument :
 MSVOA_V
 ClientSampleId :

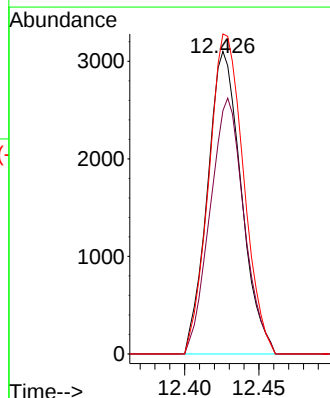
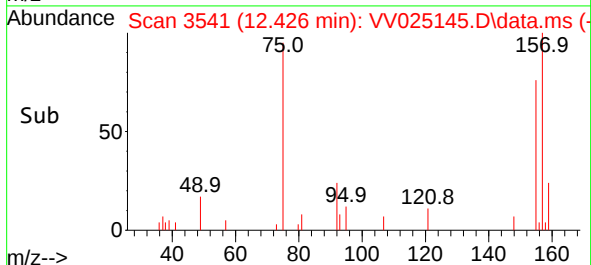
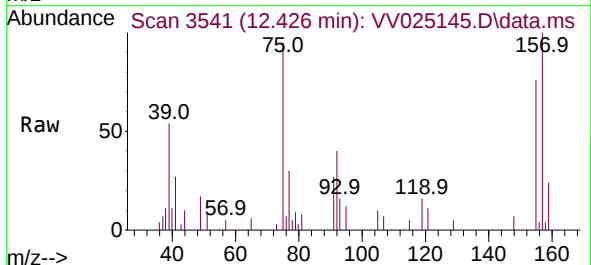


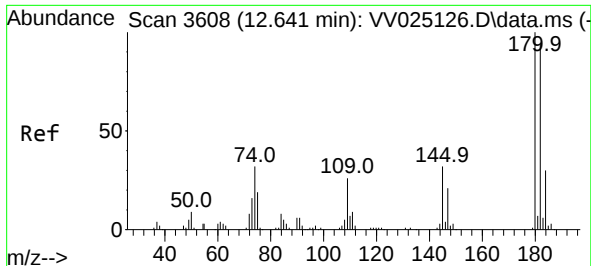
Tgt Ion:146 Resp: 116286
 Ion Ratio Lower Upper
 146 100
 111 43.3 35.5 53.3
 148 62.2 49.7 74.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.538 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV025145.D
 Acq: 23 Mar 2022 20:37

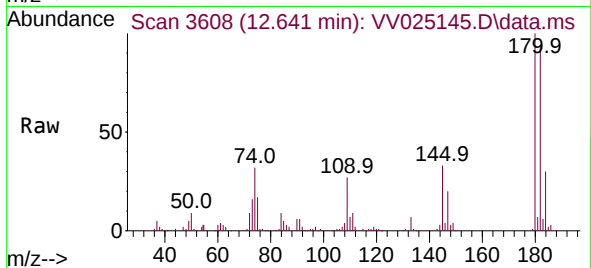
Tgt Ion: 75 Resp: 4898
 Ion Ratio Lower Upper
 75 100
 155 80.4 65.9 98.9
 157 105.7 89.7 134.5



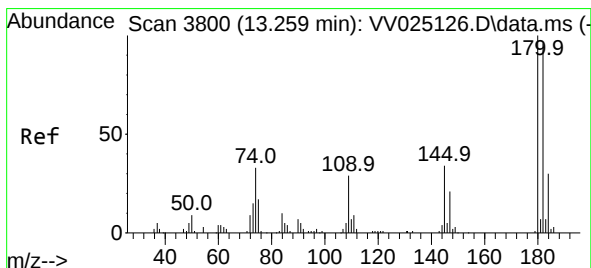
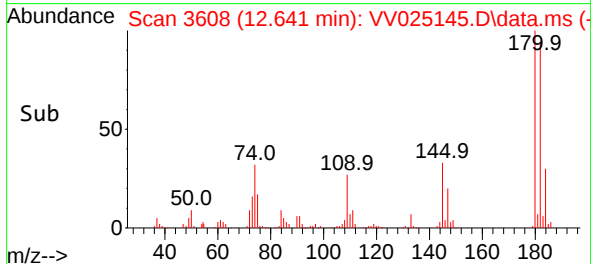
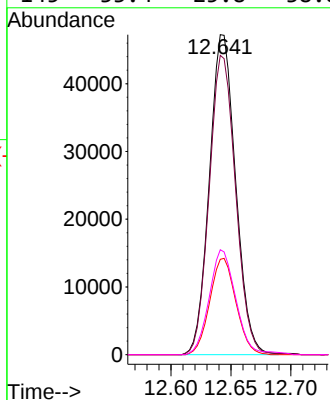


#69
1,3,5-Trichlorobenzene
Concen: 5.067 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. -0.000 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

Instrument :
MSVOA_V
ClientSampleId :

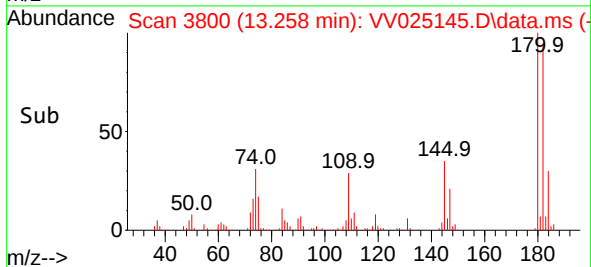
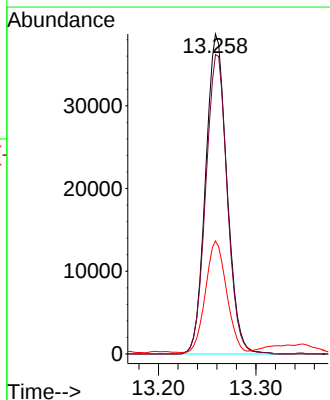
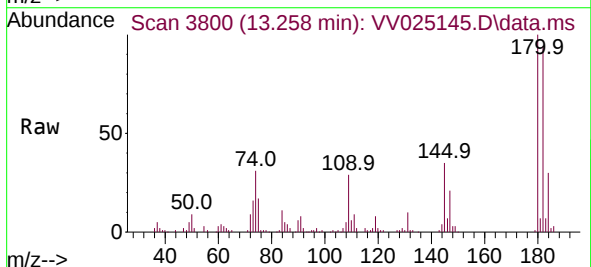


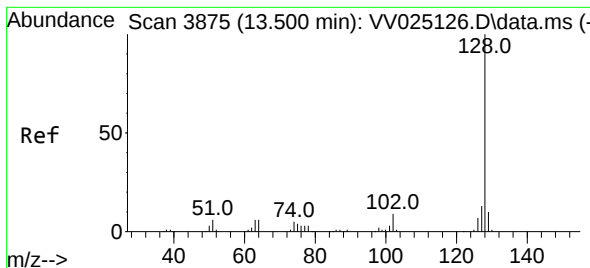
Tgt Ion:180 Resp: 71829
Ion Ratio Lower Upper
180 100
182 94.0 75.4 113.0
184 30.0 24.2 36.4
145 33.4 25.8 38.8



#70
1,2,4-trichlorobenzene
Concen: 5.316 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025145.D
Acq: 23 Mar 2022 20:37

Tgt Ion:180 Resp: 58710
Ion Ratio Lower Upper
180 100
182 94.6 74.6 112.0
145 34.6 26.1 39.1





#71

Naphthalene

Concen: 10.885 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Instrument :

MSVOA_V

ClientSampleId :

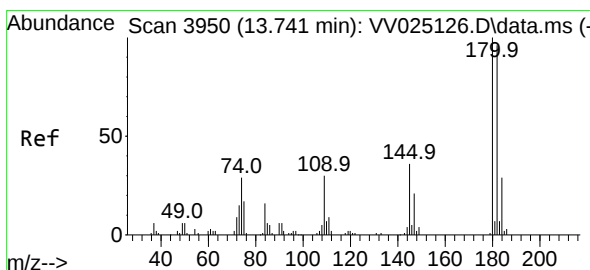
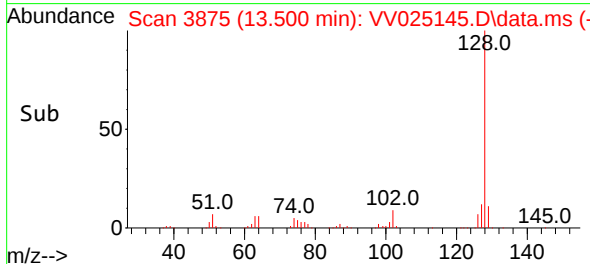
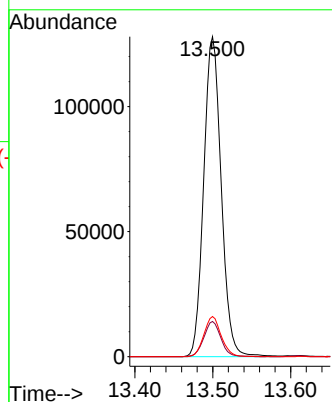
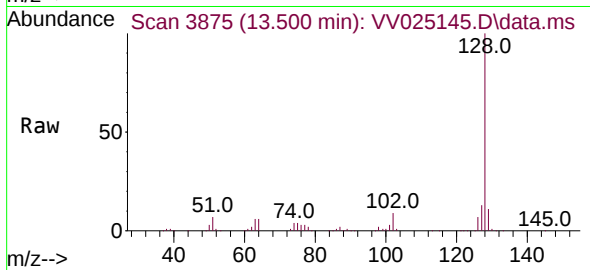
Tgt Ion:128 Resp: 199620

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 12.3 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 5.270 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV025145.D

Acq: 23 Mar 2022 20:37

Tgt Ion:180 Resp: 49315

Ion Ratio Lower Upper

180 100

182 92.8 74.8 112.2

145 39.2 27.6 41.4

