

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025146.D
 Acq On : 23 Mar 2022 21:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 24 01:20:32 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	140594	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	131757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46079	4.151	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.000%	
7) Chloroethane-d5	1.571	69	41244	5.074	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.111	63	83014	4.627	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.600%	
20) 2-Butanone-d5	3.899	46	103137	76.885	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	153.780%#	
24) Chloroform-d	4.352	84	98577	5.355	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.000%	
26) 1,2-Dichloroethane-d4	5.034	65	41174	5.350	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.053	84	195502	5.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
36) 1,2-Dichloropropane-d6	6.069	67	58281	5.303	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.000%	
41) Toluene-d8	7.316	98	173830	4.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
43) trans-1,3-Dichloroprop...	7.625	79	18813	4.910	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.200%	
46) 2-Hexanone-d5	8.088	63	85521	65.438	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	130.880%#	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40245	6.224	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	124.400%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	57856	5.249	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	55462	4.465	ug/L	97
3) Chloromethane	1.243	50	50129	4.279	ug/L	99
5) Vinyl chloride	1.314	62	55937	4.525	ug/L	99
6) Bromomethane	1.526	94	31485	3.941	ug/L	98
8) Chloroethane	1.587	64	35854	4.784	ug/L	99
9) Trichlorofluoromethane	1.754	101	80100	4.765	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	46170	5.065	ug/L	98
12) 1,1-Dichloroethene	2.121	96	43593	4.867	ug/L	96
13) Acetone	2.191	43	49813	55.524	ug/L	81
14) Carbon disulfide	2.297	76	137778	4.299	ug/L	99
15) Methyl Acetate	2.442	43	12770	5.195	ug/L	92
16) Methylene chloride	2.510	84	53981	4.974	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	99152	5.082	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	51020	4.733	ug/L	98
19) 1,1-Dichloroethane	3.191	63	89908	4.901	ug/L	99
21) 2-Butanone	3.982	43	79389	56.067	ug/L	81
22) cis-1,2-Dichloroethene	3.915	96	55803	5.128	ug/L	99
23) Bromochloromethane	4.252	128	22130	5.158	ug/L	92
25) Chloroform	4.378	83	93750	4.908	ug/L	97

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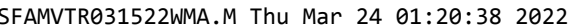
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 ClientSampleId :

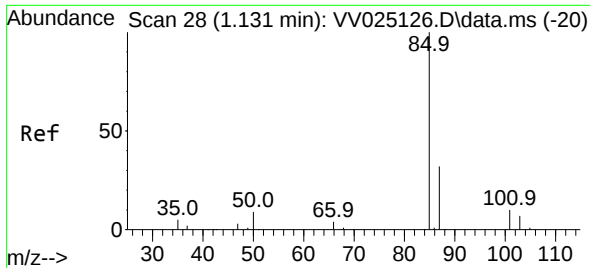
Quant Time: Mar 24 01:20:32 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	46902	4.938	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	83349	4.961	ug/L	99
30) Cyclohexane	4.680	56	74753	4.573	ug/L	99
31) Carbon tetrachloride	4.831	117	68750	4.769	ug/L	99
33) Benzene	5.101	78	208683	4.869	ug/L	100
34) Trichloroethene	5.915	95	55091	4.828	ug/L	97
35) Methylcyclohexane	6.130	83	83961	4.648	ug/L	100
37) 1,2-Dichloropropane	6.175	63	48779	4.953	ug/L	100
38) Bromodichloromethane	6.509	83	58830	4.724	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	61998	4.534	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	202434	49.954	ug/L	98
42) Toluene	7.387	91	224367	5.003	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	47202	4.387	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	32966	5.012	ug/L	99
47) Tetrachloroethene	7.976	164	38496	4.796	ug/L	98
48) 2-Hexanone	8.140	43	143740	50.032	ug/L	97
49) Dibromochloromethane	8.246	129	34116	4.633	ug/L	99
50) 1,2-Dibromoethane	8.352	107	30685	5.097	ug/L	98
51) Chlorobenzene	8.879	112	140110	4.989	ug/L	99
52) Ethylbenzene	9.011	91	237977	5.016	ug/L	100
53) m,p-xylene	9.136	106	92428	5.059	ug/L	99
54) o-xylene	9.541	106	88785	5.082	ug/L	96
55) Styrene	9.561	104	149449	5.252	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	35504	5.506	ug/L	99
59) Bromoform	9.731	173	14567	4.154	ug/L	99
60) Isopropylbenzene	9.931	105	238371	4.854	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26326	4.808	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	108934	4.889	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	196049	4.968	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	106583	5.004	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	103375	4.814	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	92308	4.891	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4860	5.177	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	74208	4.932	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	58469	4.988	ug/L	99
71) Naphthalene	13.500	128	101971	5.238	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	50716	5.106	ug/L	98

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

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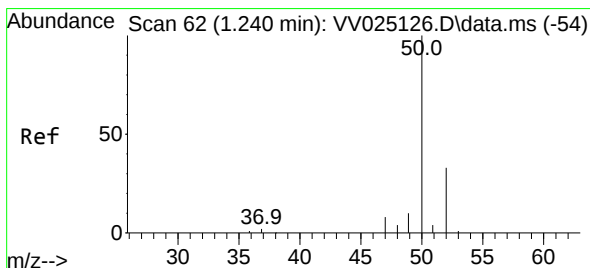
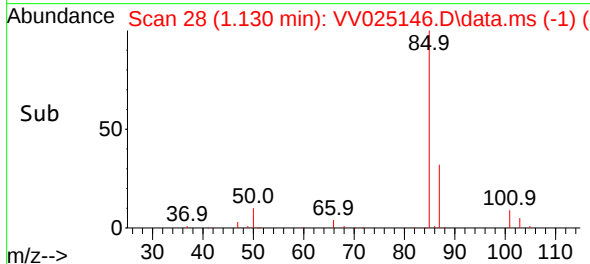
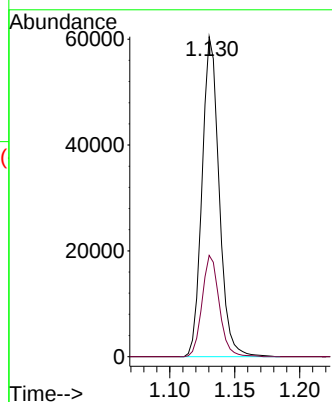
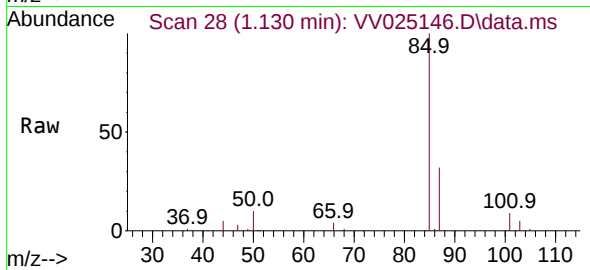




#2
 Dichlorodifluoromethane
 Concen: 4.465 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV025146.D
 Acq: 23 Mar 2022 21:00

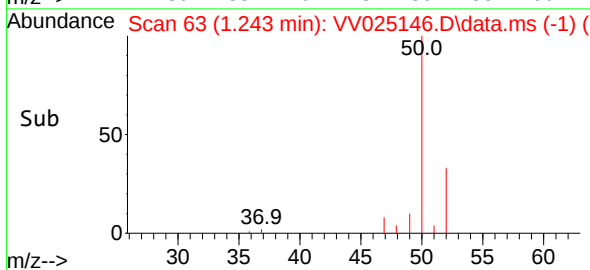
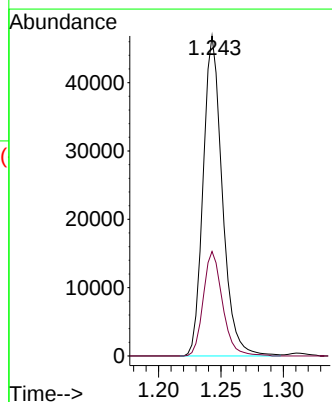
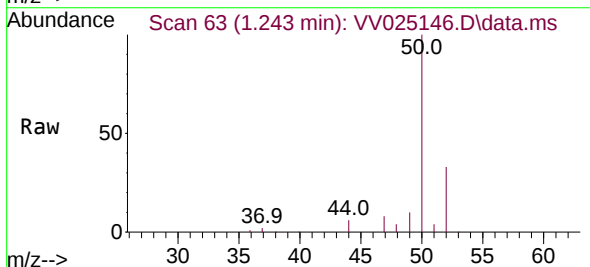
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 MSVOA_V
 ClientSampleId :

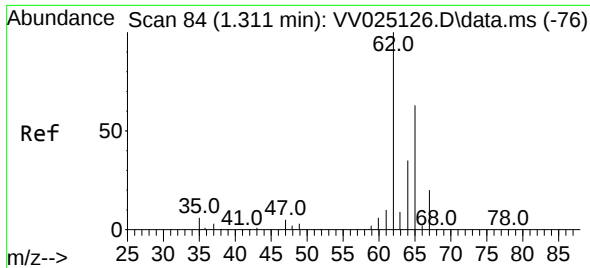
Tgt Ion: 85 Resp: 55462
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.7 40.1



#3
 Chloromethane
 Concen: 4.279 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025146.D
 Acq: 23 Mar 2022 21:00

Tgt Ion: 50 Resp: 50129
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.2 43.2

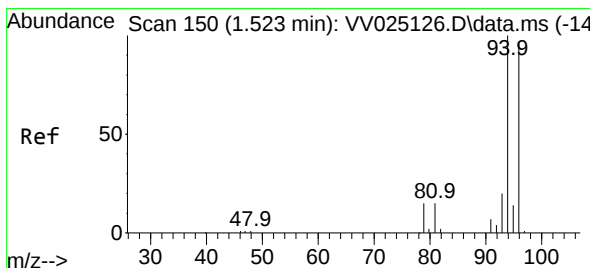
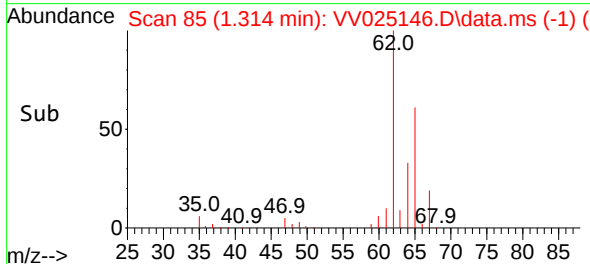
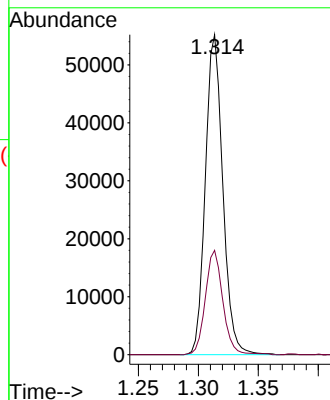
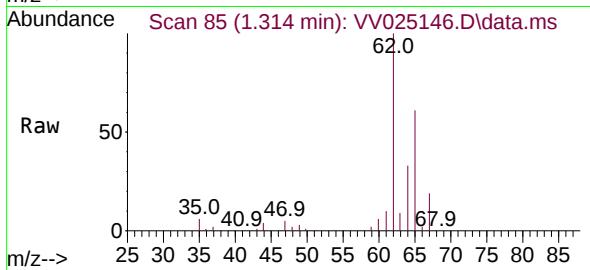




#5
 Vinyl chloride
 Concen: 4.525 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025146.D
 Acq: 23 Mar 2022 21:00

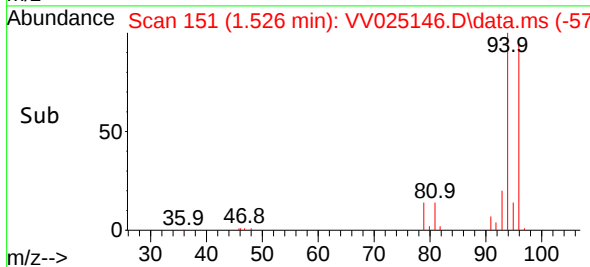
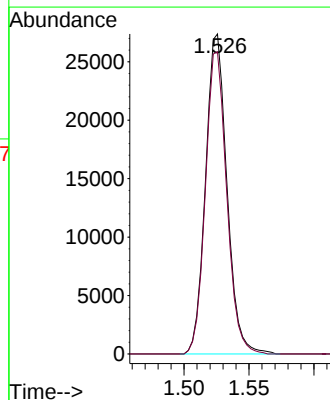
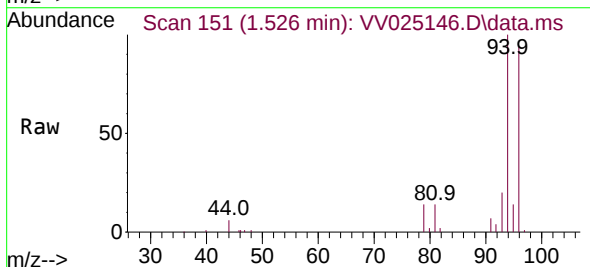
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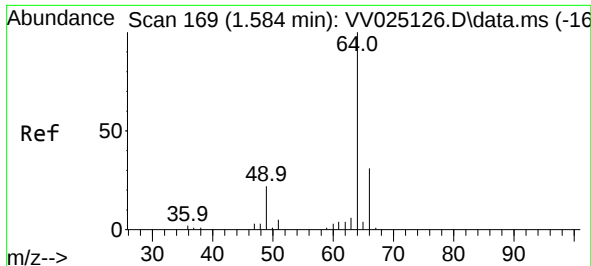
Tgt Ion: 62 Resp: 55937
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.4



#6
 Bromomethane
 Concen: 3.941 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025146.D
 Acq: 23 Mar 2022 21:00

Tgt Ion: 94 Resp: 31485
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.9 120.5

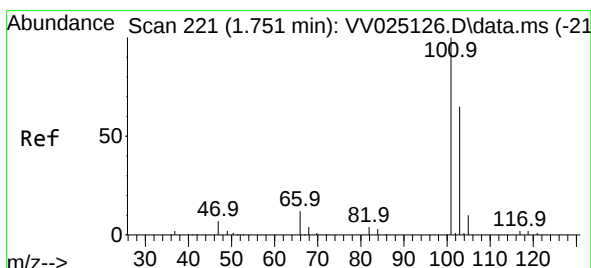
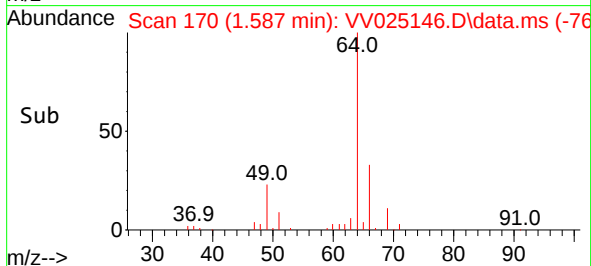
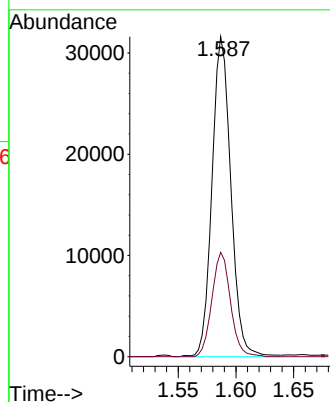
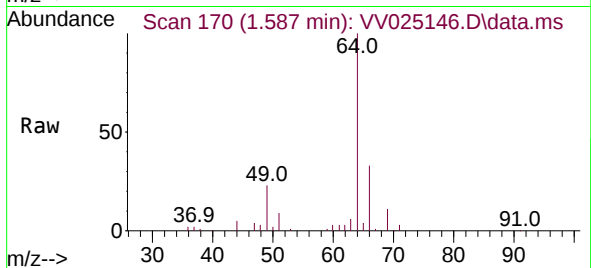




#8
Chloroethane
Concen: 4.784 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

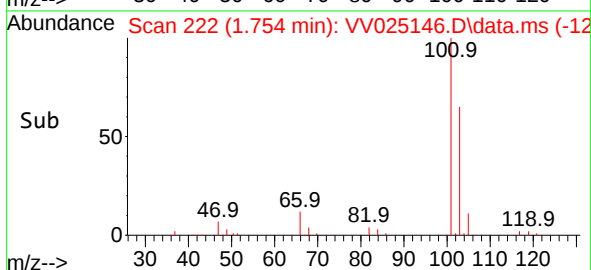
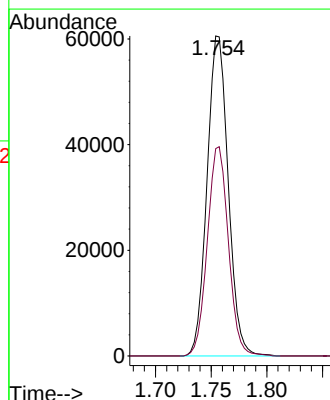
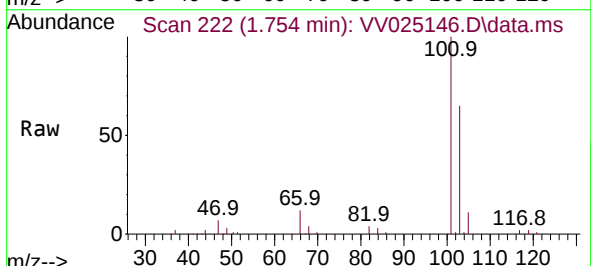
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ClientSampleId :

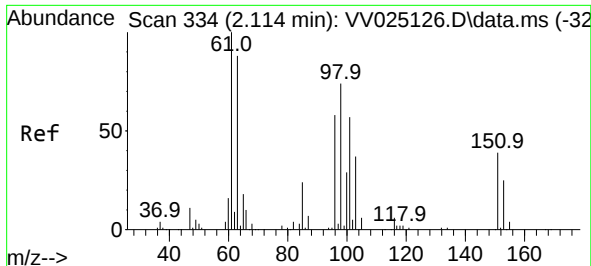
Tgt Ion: 64 Resp: 35854
Ion Ratio Lower Upper
64 100
66 32.6 22.5 41.7



#9
Trichlorofluoromethane
Concen: 4.765 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

Tgt Ion:101 Resp: 80100
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

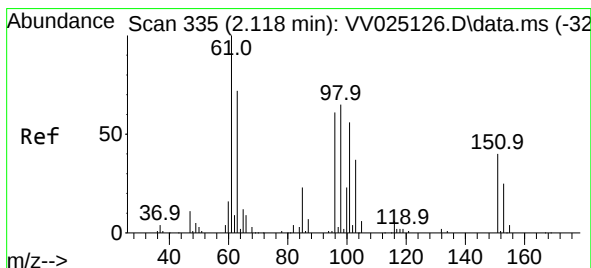
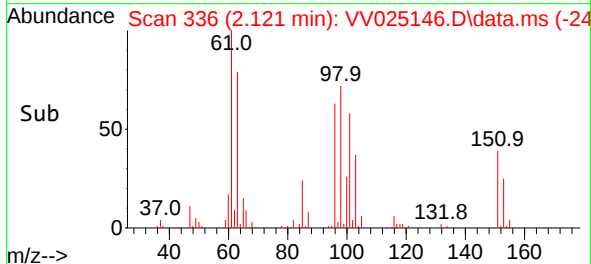
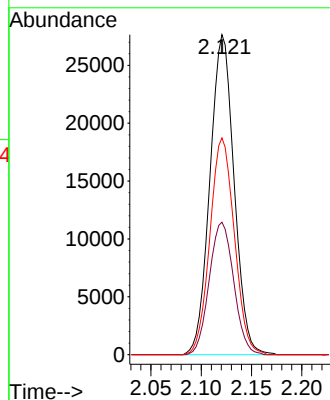
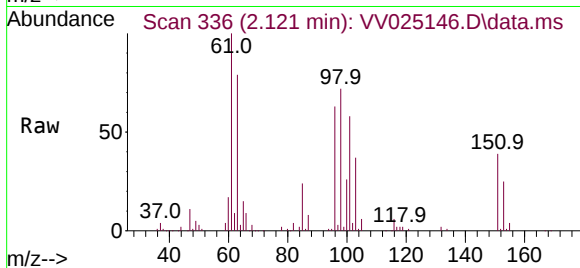




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.065 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.006 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

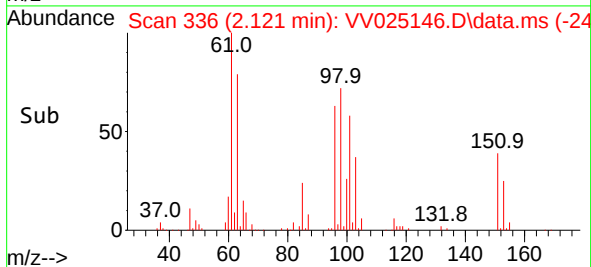
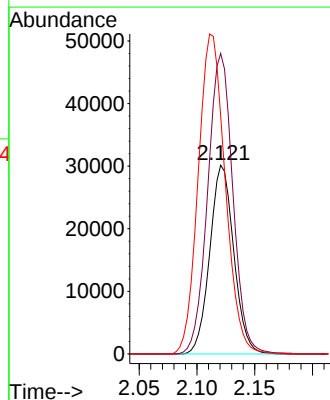
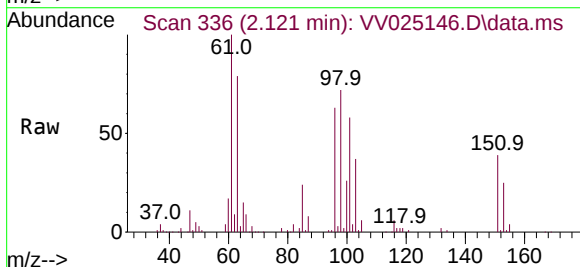
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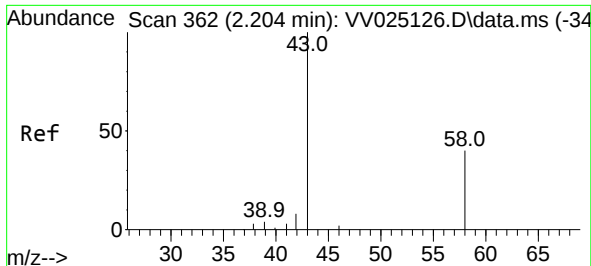
Tgt Ion:101 Resp: 46170
Ion Ratio Lower Upper
101 100
85 41.9 34.8 52.2
151 68.5 55.6 83.4



#12
1,1-Dichloroethene
Concen: 4.867 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

Tgt Ion: 96 Resp: 43593
Ion Ratio Lower Upper
96 100
61 159.1 113.0 209.9
63 126.0 82.1 152.5





#13

Acetone

Concen: 55.524 ug/L

RT: 2.191 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

Instrument :

MSVOA_V

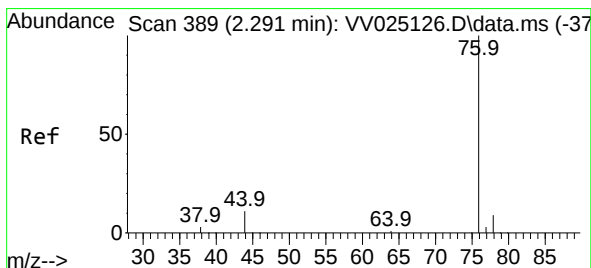
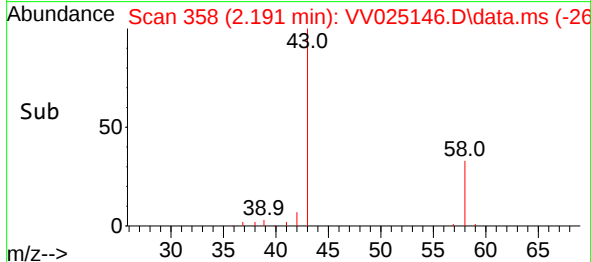
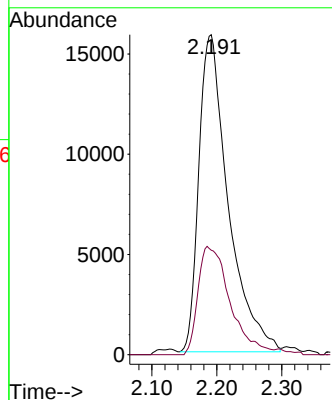
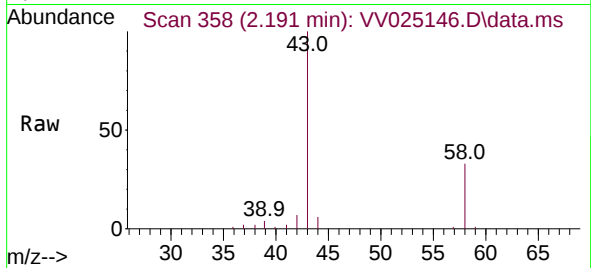
ClientSampleId :

Tgt Ion: 43 Resp: 49813

Ion Ratio Lower Upper

43 100

58 37.1 0.0 54.2



#14

Carbon disulfide

Concen: 4.299 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.006 min

Lab File: VV025146.D

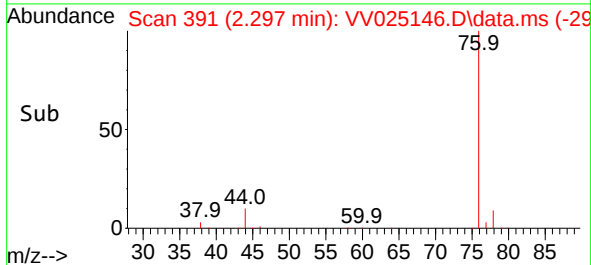
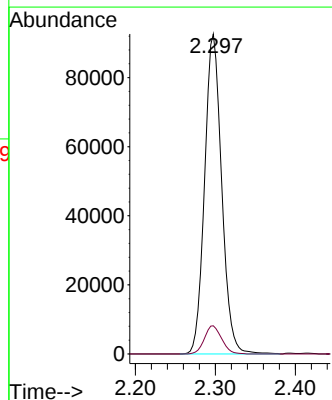
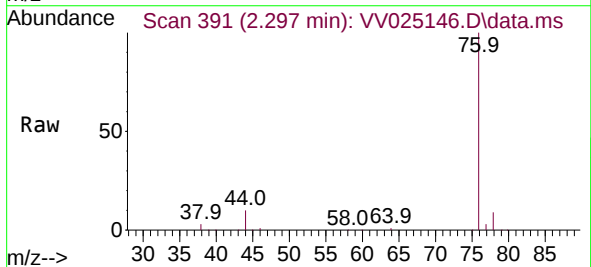
Acq: 23 Mar 2022 21:00

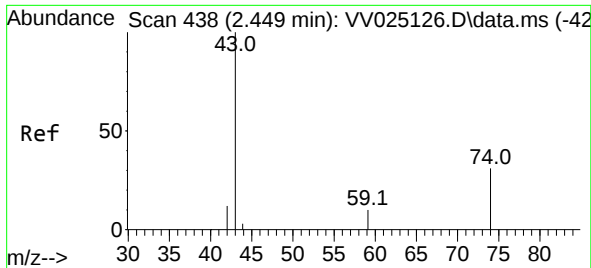
Tgt Ion: 76 Resp: 137778

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

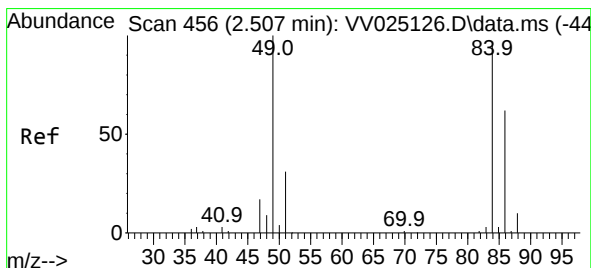
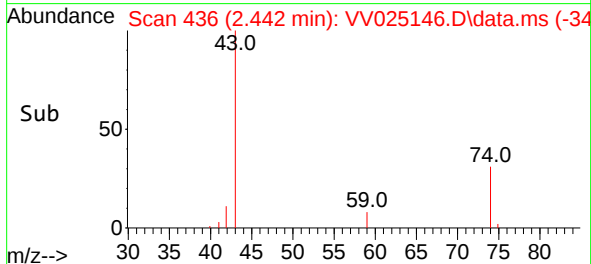
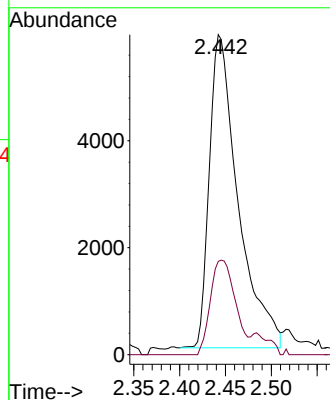
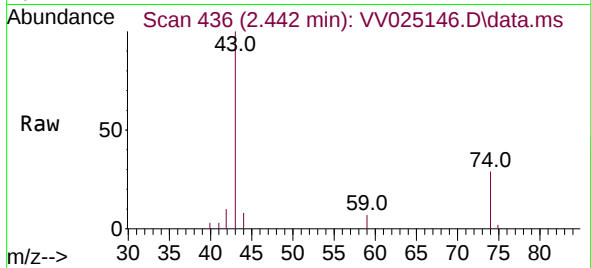




#15
Methyl Acetate
Concen: 5.195 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

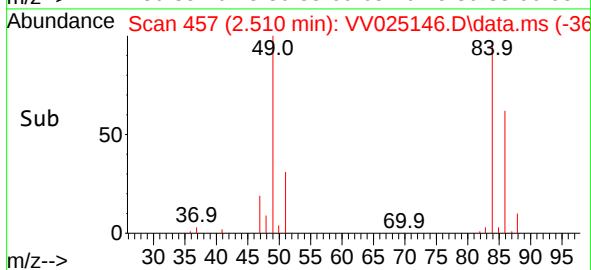
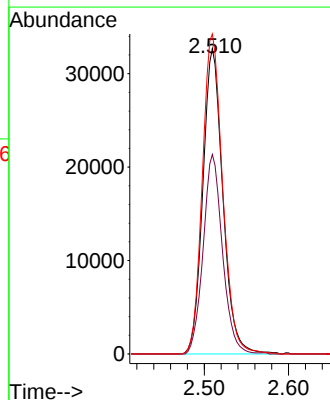
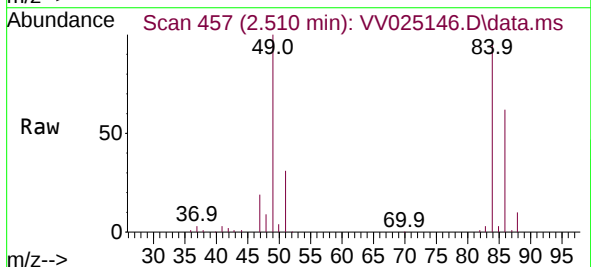
Instrument :
MSVOA_V
ClientSampleId :

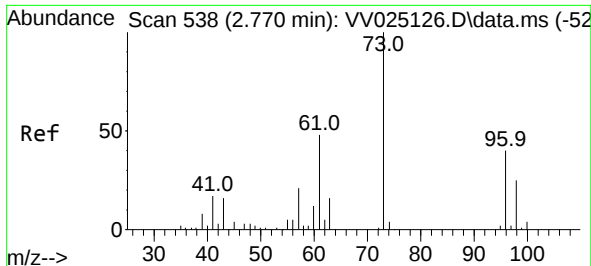
Tgt Ion: 43 Resp: 12770
Ion Ratio Lower Upper
43 100
74 26.1 24.2 36.4



#16
Methylene chloride
Concen: 4.974 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

Tgt Ion: 84 Resp: 53981
Ion Ratio Lower Upper
84 100
86 65.3 45.5 84.5
49 104.8 75.0 139.2

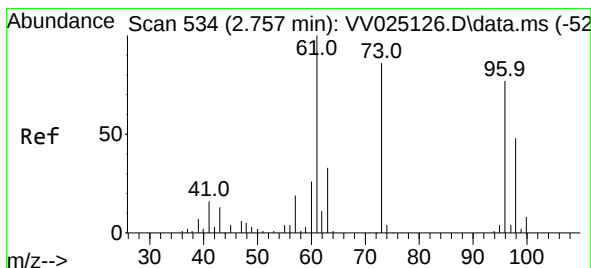
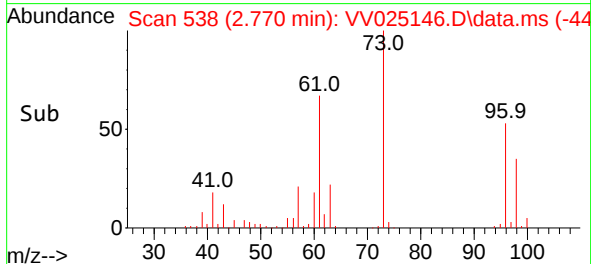
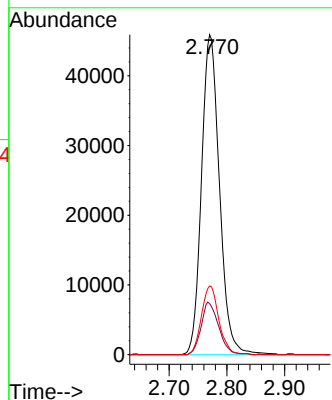
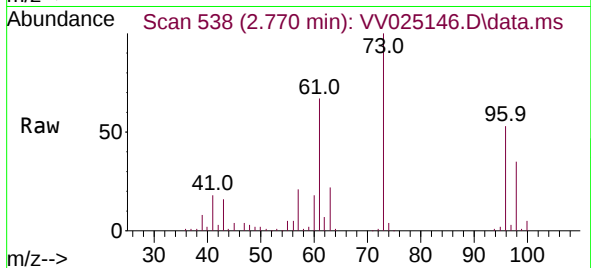




#17
Methyl tert-butyl Ether
Concen: 5.082 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

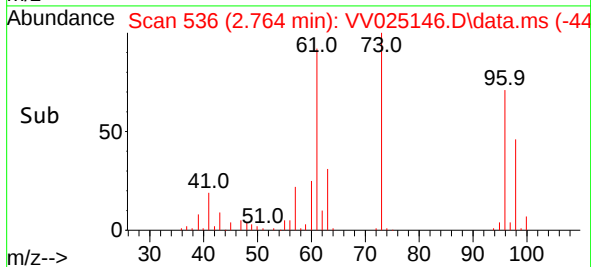
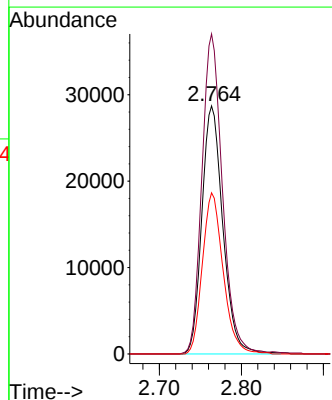
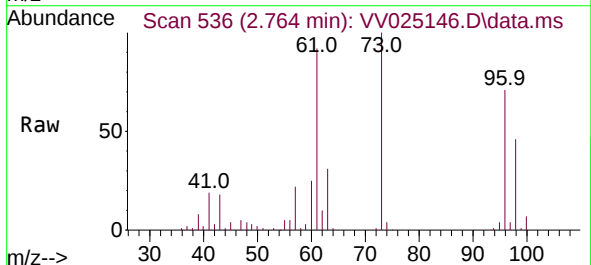
Instrument :
MSVOA_V
ClientSampleId :

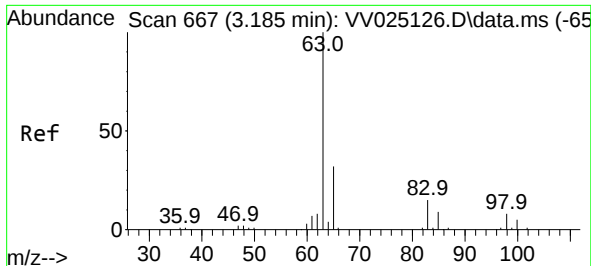
Tgt Ion: 73 Resp: 99152
Ion Ratio Lower Upper
73 100
43 15.9 13.2 19.8
57 20.9 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 4.733 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

Tgt Ion: 96 Resp: 51020
Ion Ratio Lower Upper
96 100
61 129.0 89.2 165.6
98 65.0 43.9 81.5





#19

1,1-Dichloroethane

Concen: 4.901 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.006 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

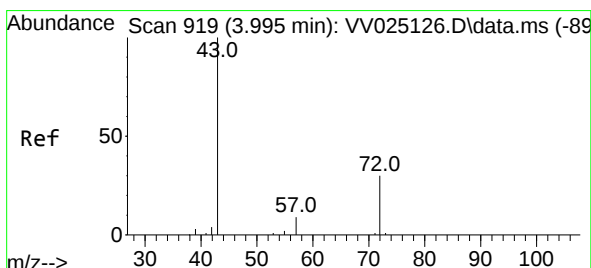
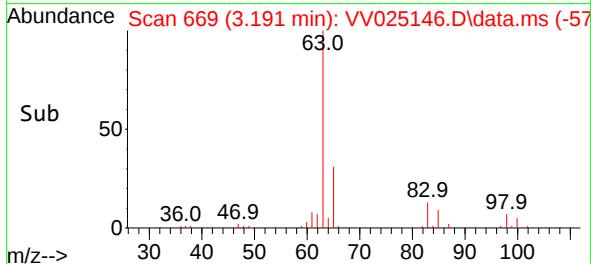
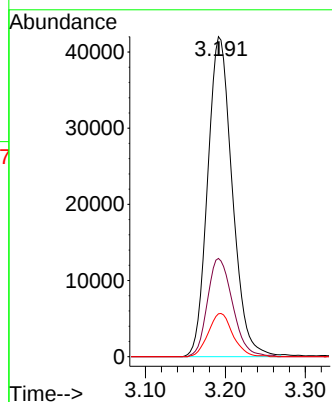
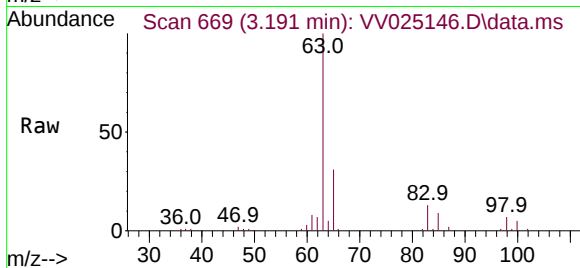
Tgt Ion: 63 Resp: 89908

Ion Ratio Lower Upper

63 100

65 30.7 22.2 41.2

83 13.4 9.4 17.4



#21

2-Butanone

Concen: 56.067 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.013 min

Lab File: VV025146.D

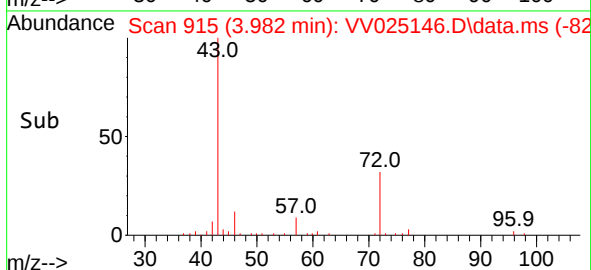
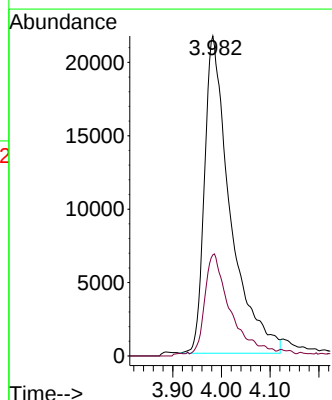
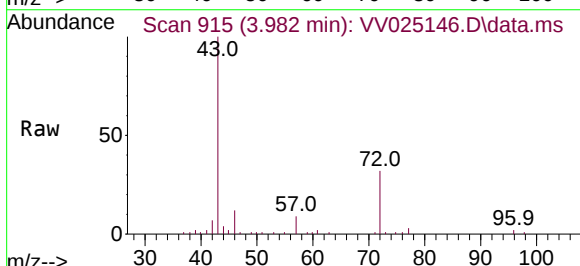
Acq: 23 Mar 2022 21:00

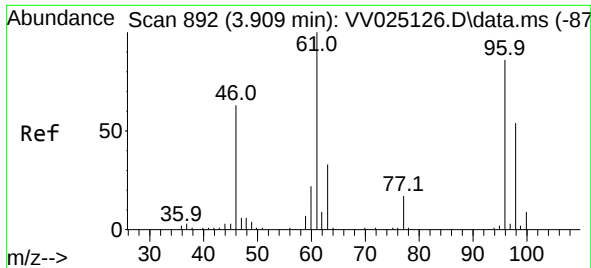
Tgt Ion: 43 Resp: 79389

Ion Ratio Lower Upper

43 100

72 29.5 10.4 31.2

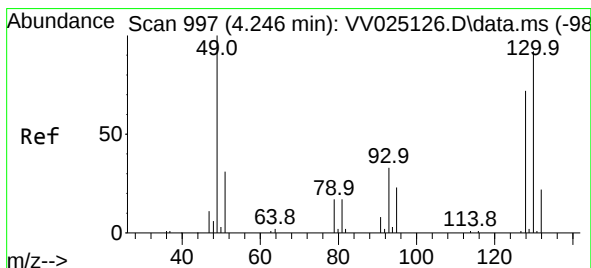
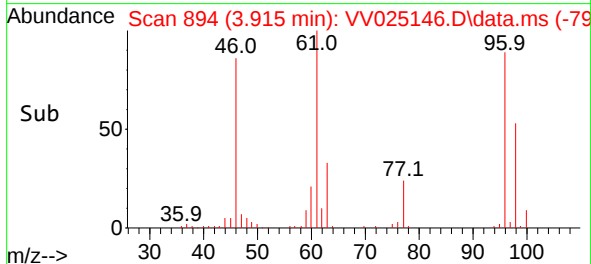
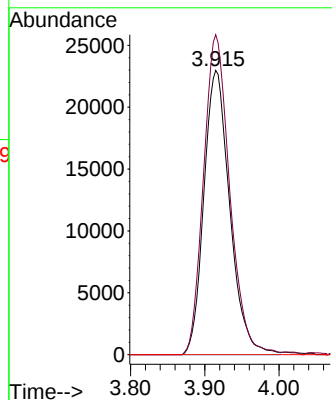
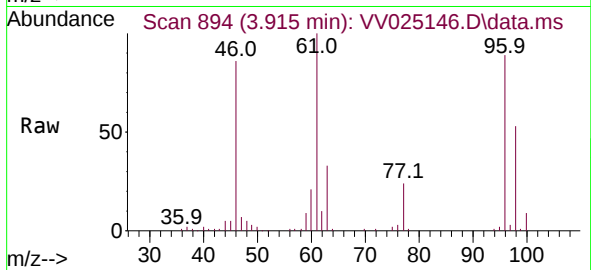




#22
 cis-1,2-Dichloroethene
 Concen: 5.128 ug/L
 RT: 3.915 min Scan# 892
 Delta R.T. 0.006 min
 Lab File: VV025146.D
 Acq: 23 Mar 2022 21:00

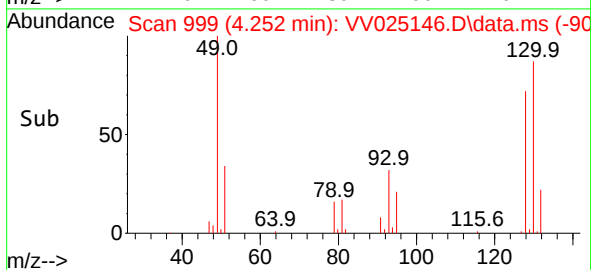
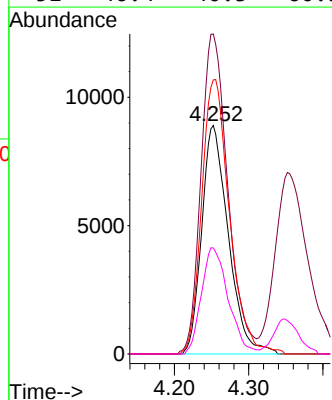
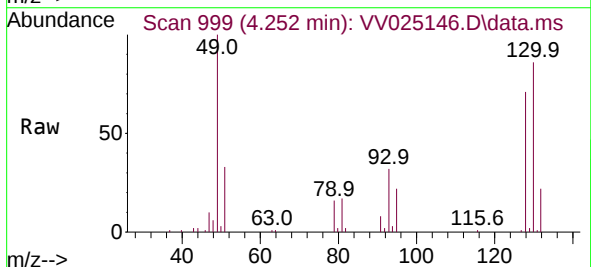
Instrument :
 MSVOA_V
 ClientSampleId :

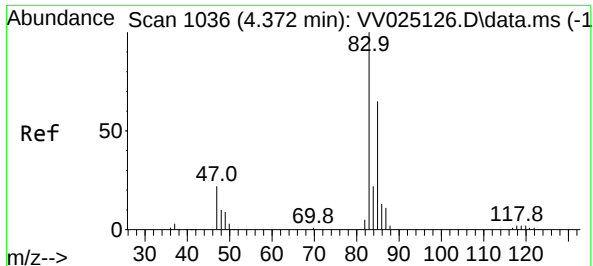
Tgt Ion: 96 Resp: 55803
 Ion Ratio Lower Upper
 96 100
 61 112.6 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.158 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VV025146.D
 Acq: 23 Mar 2022 21:00

Tgt Ion: 128 Resp: 22130
 Ion Ratio Lower Upper
 128 100
 49 140.0 107.5 199.7
 130 120.0 89.4 166.0
 51 46.4 40.3 60.5





#25

Chloroform

Concen: 4.908 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

Instrument :

MSVOA_V

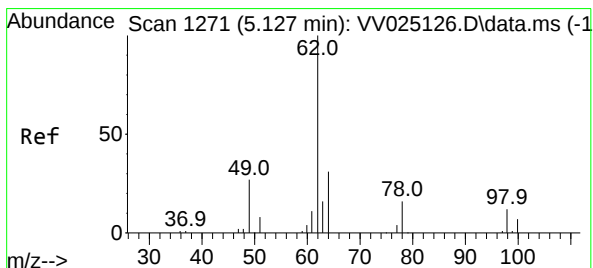
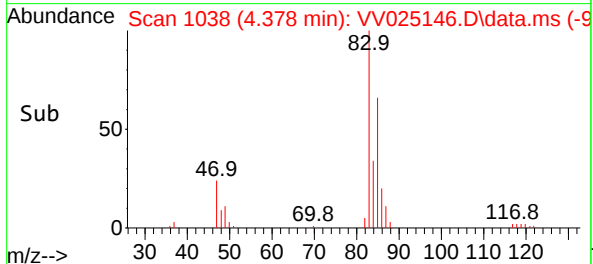
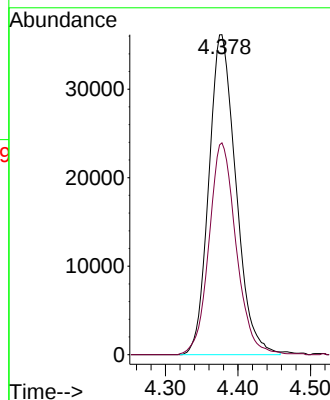
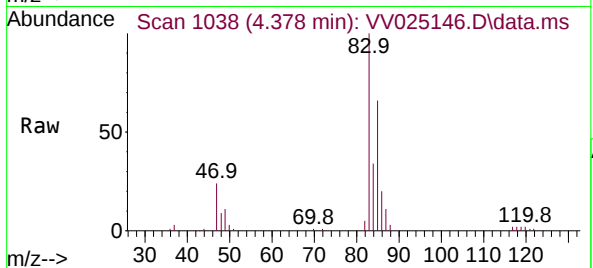
ClientSampleId :

Tgt Ion: 83 Resp: 93750

Ion Ratio Lower Upper

83 100

85 66.2 44.5 82.7



#27

1,2-Dichloroethane

Concen: 4.938 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV025146.D

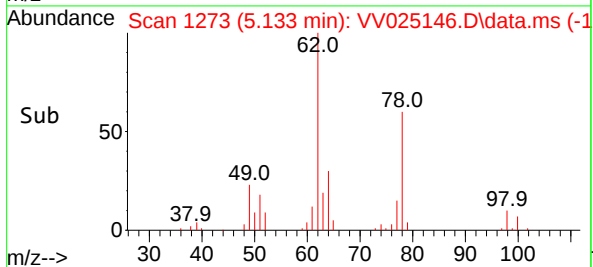
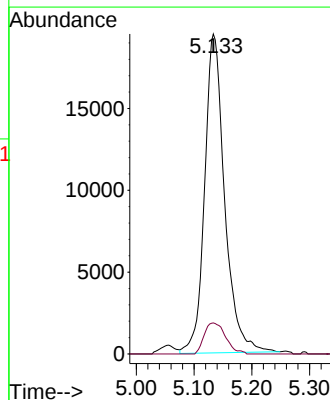
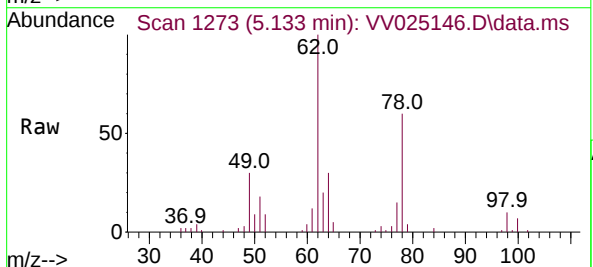
Acq: 23 Mar 2022 21:00

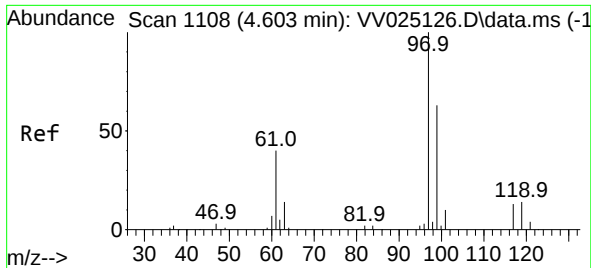
Tgt Ion: 62 Resp: 46902

Ion Ratio Lower Upper

62 100

98 9.7 9.0 13.4

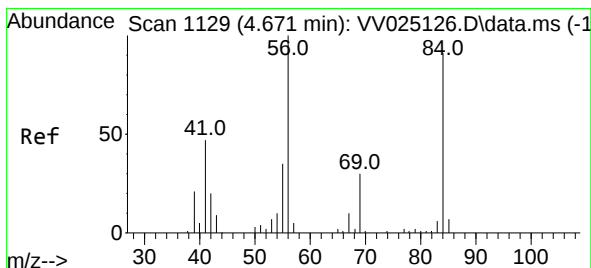
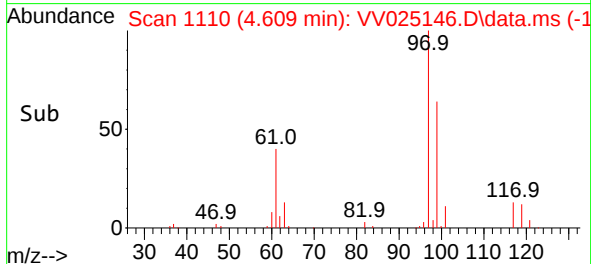
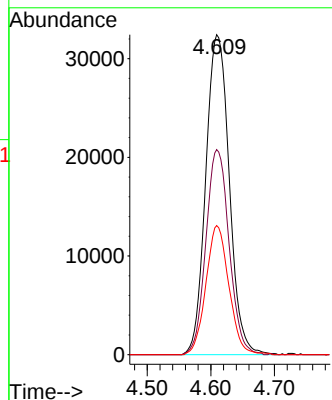
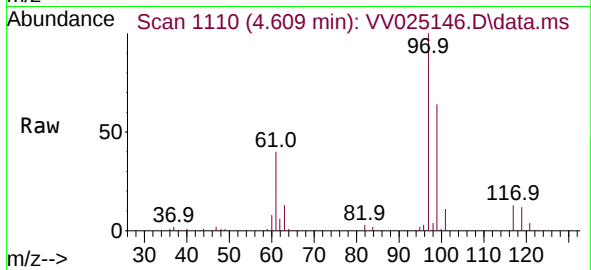




#29
1,1,1-Trichloroethane
Concen: 4.961 ug/L
RT: 4.609 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

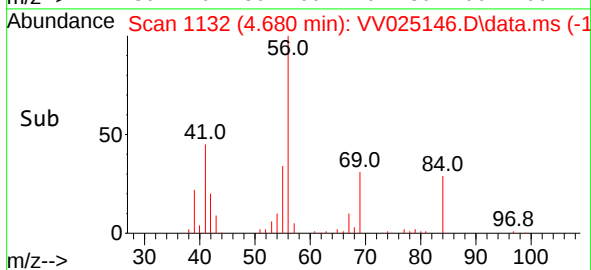
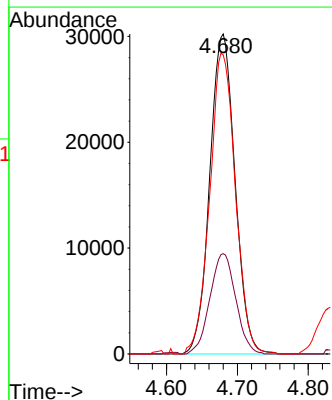
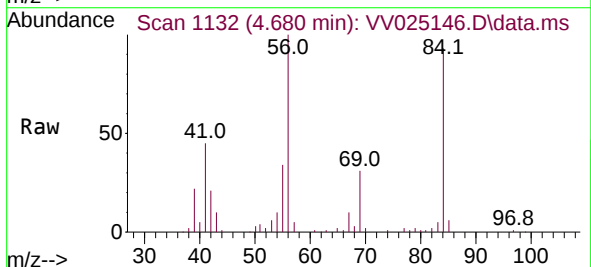
Instrument :
MSVOA_V
ClientSampleId :

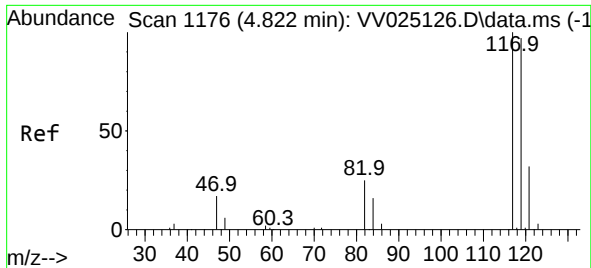
Tgt Ion: 97 Resp: 83349
Ion Ratio Lower Upper
97 100
99 63.3 50.7 76.1
61 39.3 32.4 48.6



#30
Cyclohexane
Concen: 4.573 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.009 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

Tgt Ion: 56 Resp: 74753
Ion Ratio Lower Upper
56 100
69 32.1 24.9 37.3
84 95.6 75.9 113.9

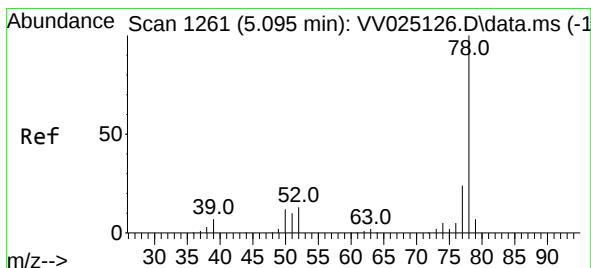
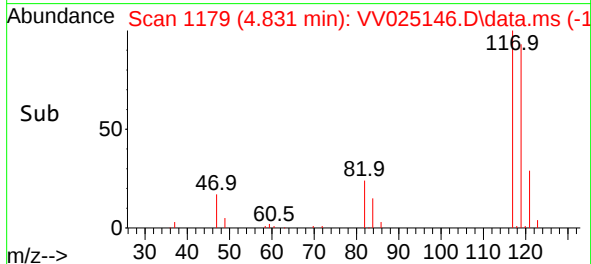
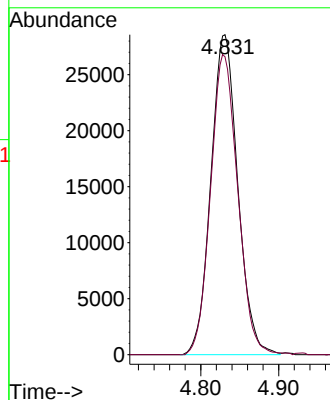
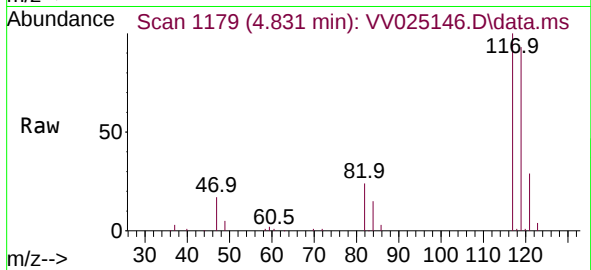




#31
Carbon tetrachloride
Concen: 4.769 ug/L
RT: 4.831 min Scan# 1176
Delta R.T. 0.009 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

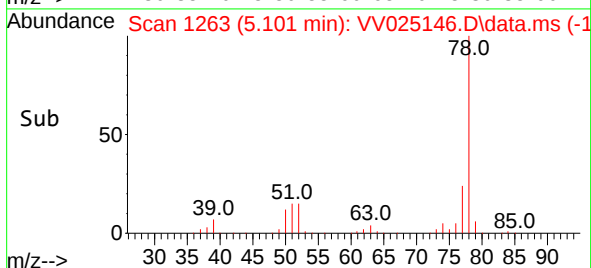
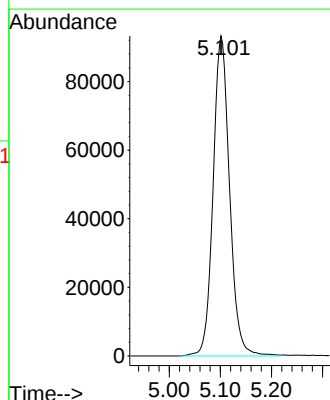
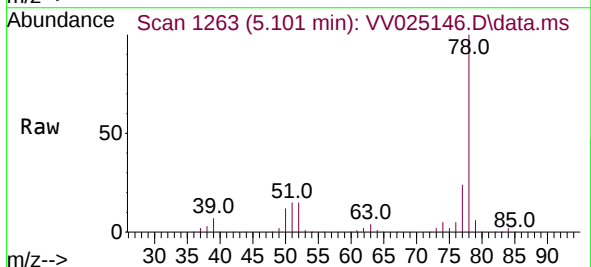
Instrument :
MSVOA_V
ClientSampleId :

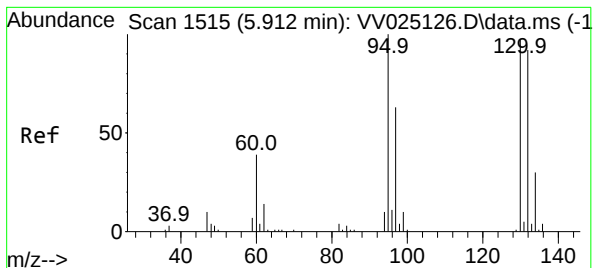
Tgt Ion:117 Resp: 68750
Ion Ratio Lower Upper
117 100
119 94.6 76.8 115.2



#33
Benzene
Concen: 4.869 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

Tgt Ion: 78 Resp: 208683





#34

Trichloroethene

Concen: 4.828 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 55091

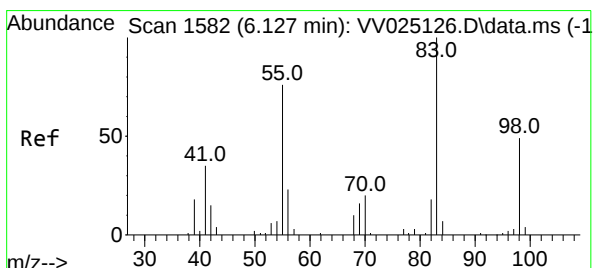
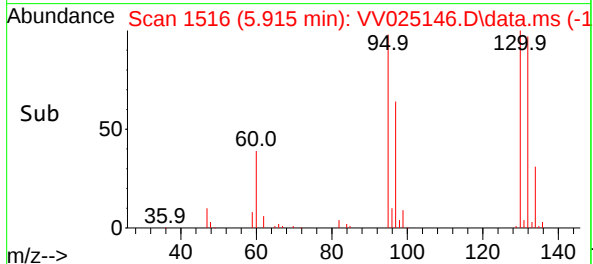
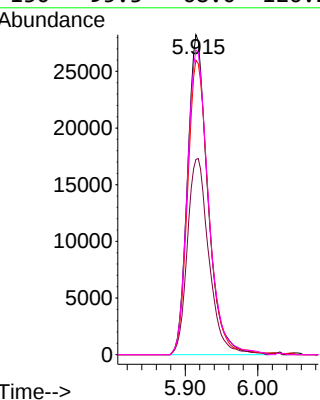
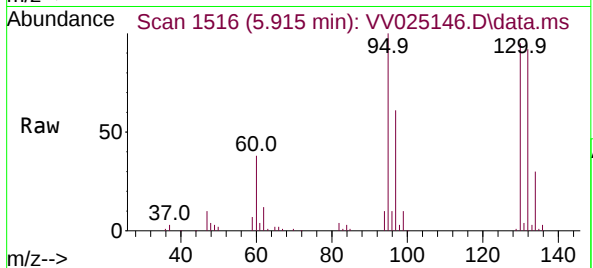
Ion Ratio Lower Upper

95 100

97 61.0 44.5 82.7

132 92.0 66.5 123.5

130 95.3 68.0 126.2



#35

Methylcyclohexane

Concen: 4.648 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

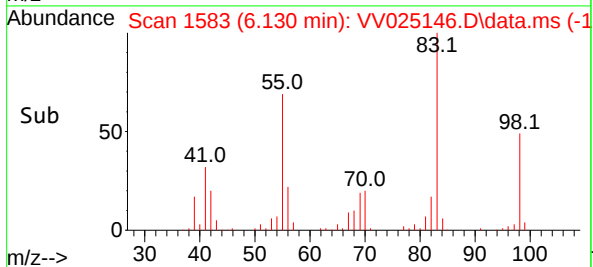
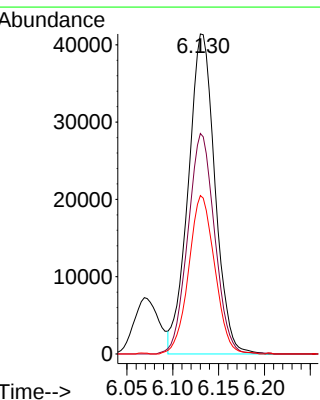
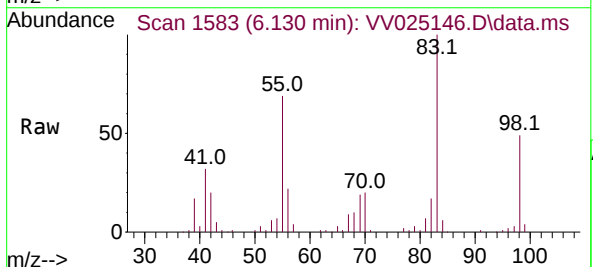
Tgt Ion: 83 Resp: 83961

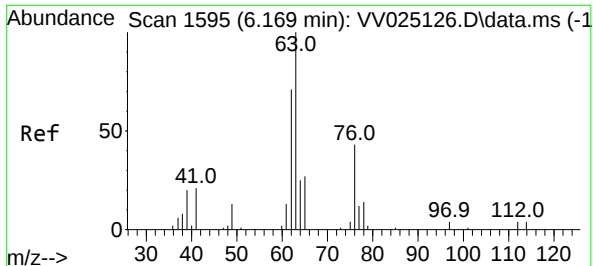
Ion Ratio Lower Upper

83 100

55 69.2 55.4 83.0

98 48.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 4.953 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

Instrument :

MSVOA_V

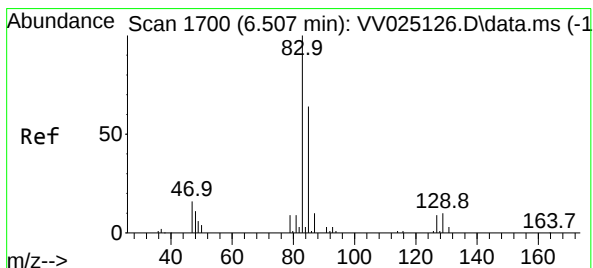
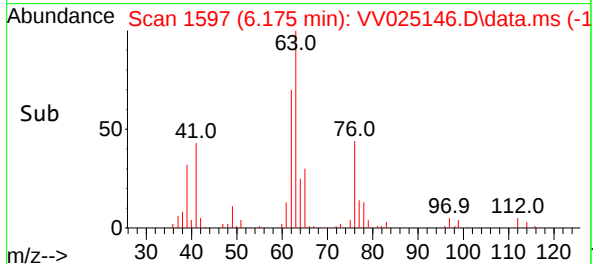
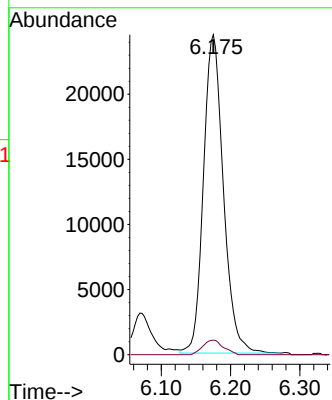
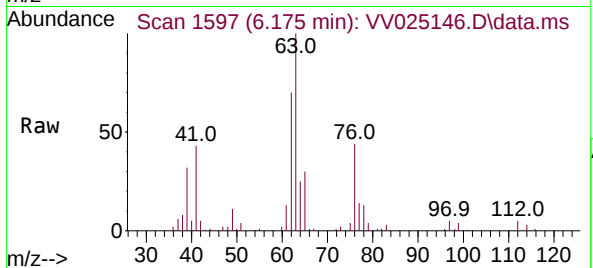
ClientSampleId :

Tgt Ion: 63 Resp: 48779

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 4.724 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

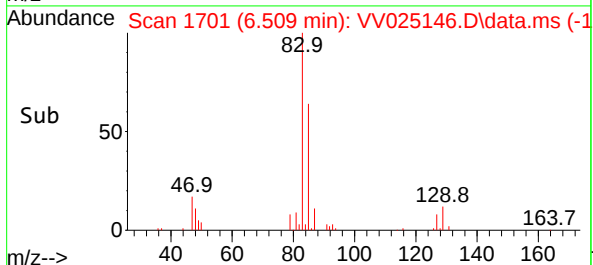
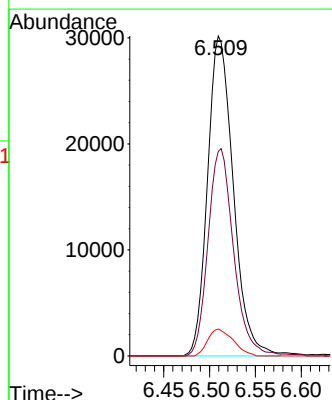
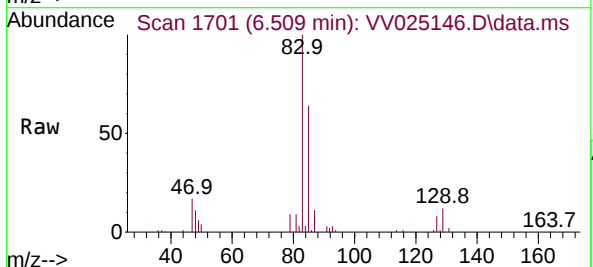
Tgt Ion: 83 Resp: 58830

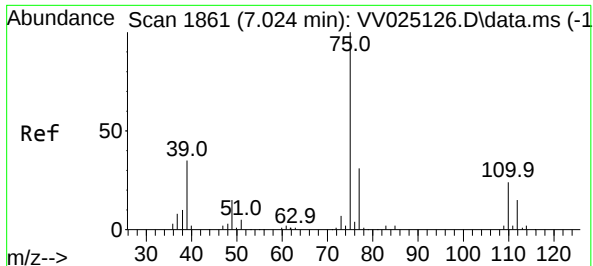
Ion Ratio Lower Upper

83 100

85 64.0 44.8 83.2

127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.534 ug/L

RT: 7.030 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

Instrument :

MSVOA_V

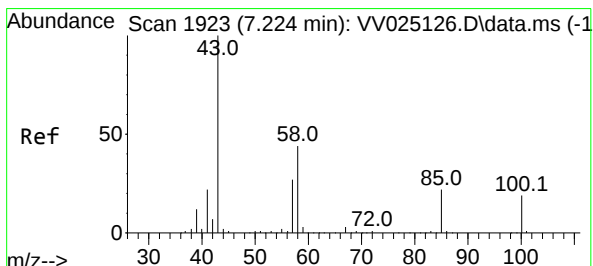
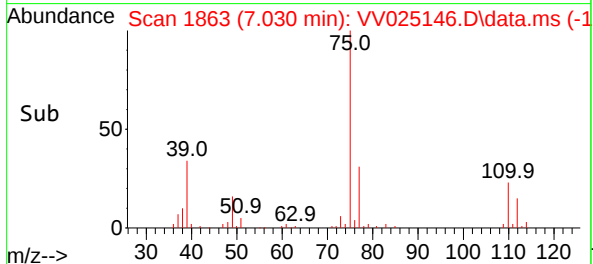
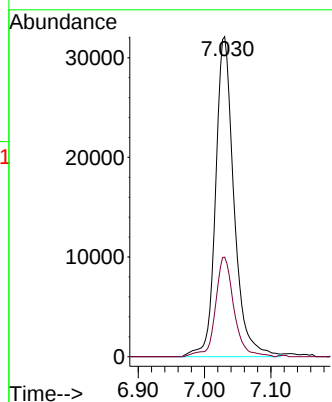
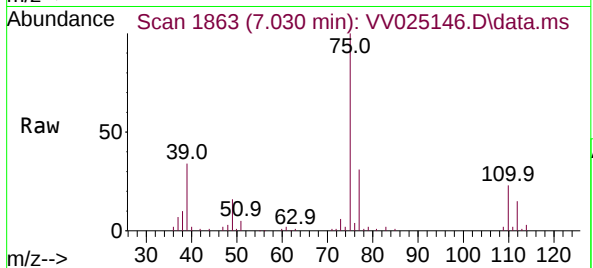
ClientSampleId :

Tgt Ion: 75 Resp: 61998

Ion Ratio Lower Upper

75 100

77 31.1 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 49.954 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

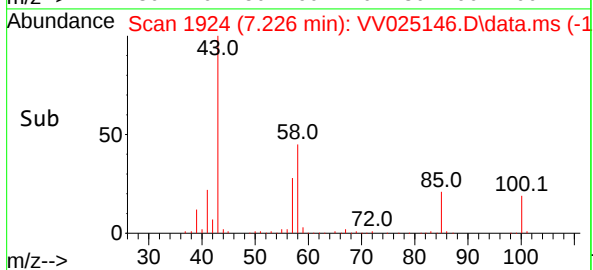
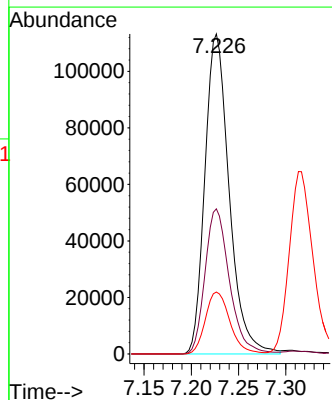
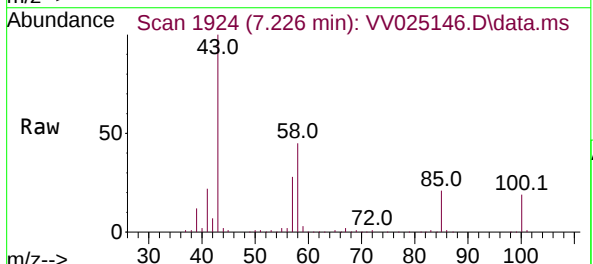
Tgt Ion: 43 Resp: 202434

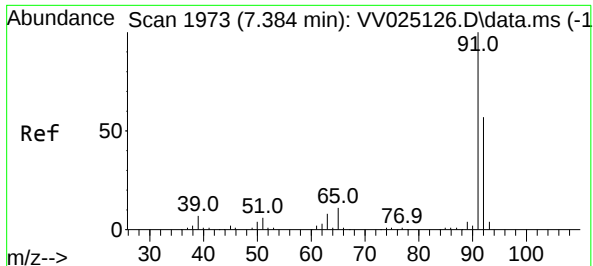
Ion Ratio Lower Upper

43 100

58 45.6 36.6 55.0

100 19.5 13.8 20.8





#42

Toluene

Concen: 5.003 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

Instrument :

MSVOA_V

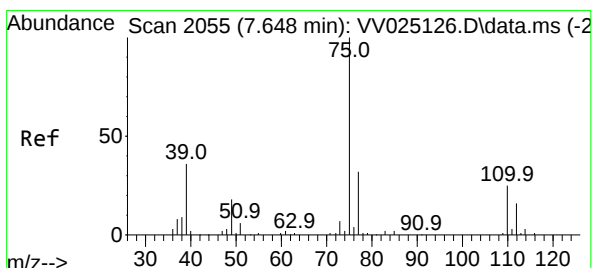
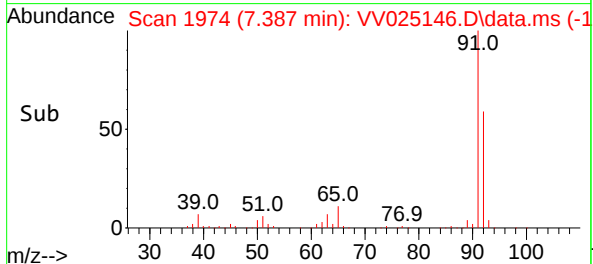
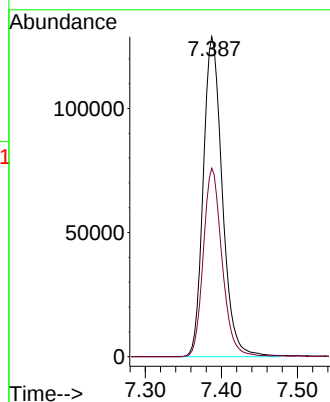
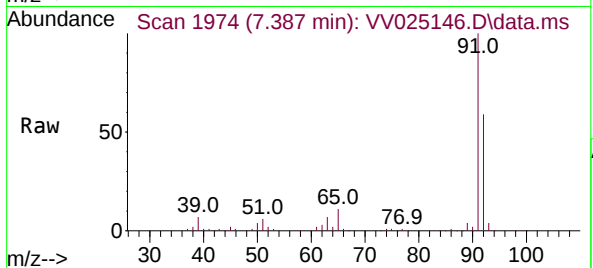
ClientSampleId :

Tgt Ion: 91 Resp: 224367

Ion Ratio Lower Upper

91 100

92 58.9 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.387 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV025146.D

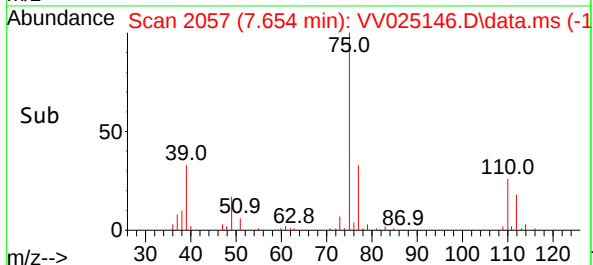
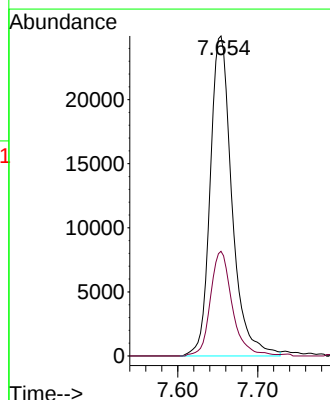
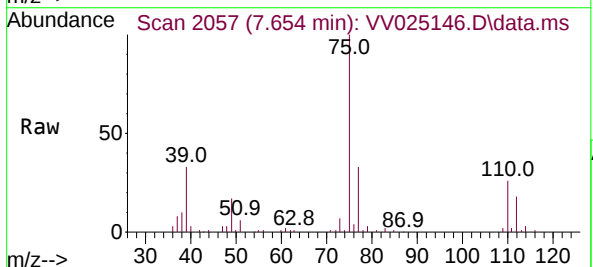
Acq: 23 Mar 2022 21:00

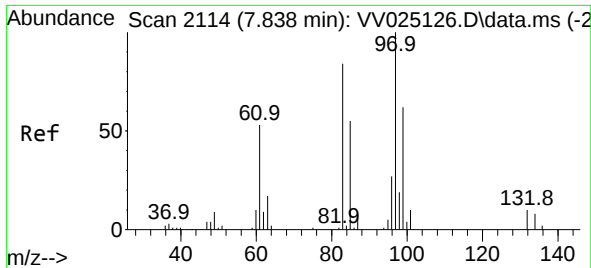
Tgt Ion: 75 Resp: 47202

Ion Ratio Lower Upper

75 100

77 32.7 23.0 42.6

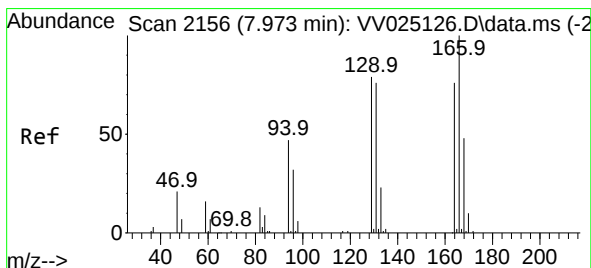
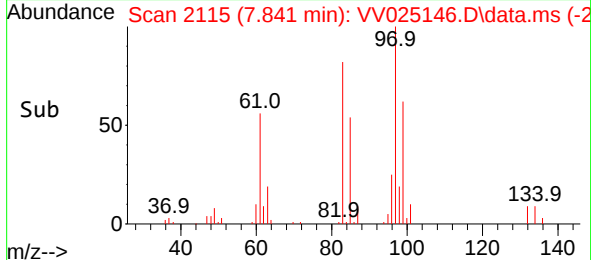
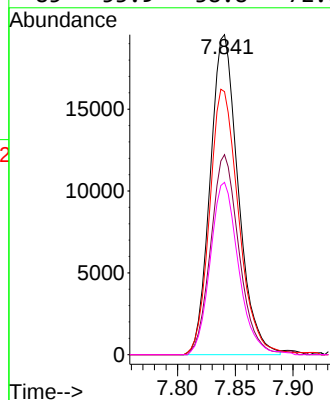
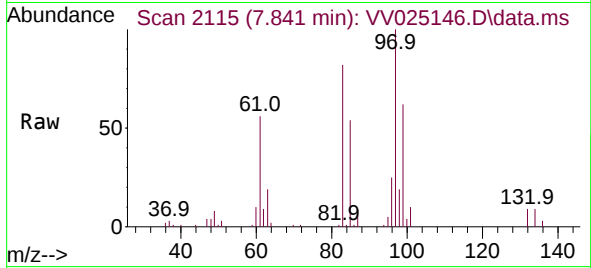




#45
1,1,2-Trichloroethane
Concen: 5.012 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

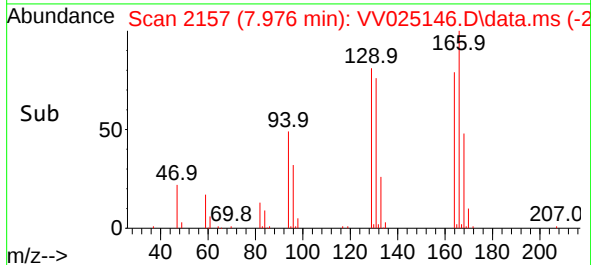
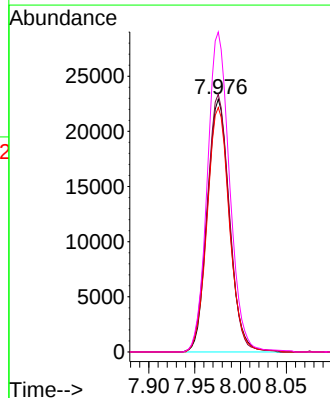
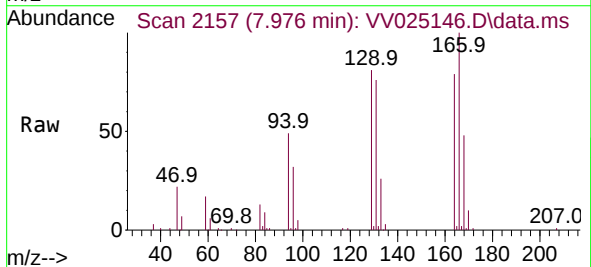
Instrument :
MSVOA_V
ClientSampleId :

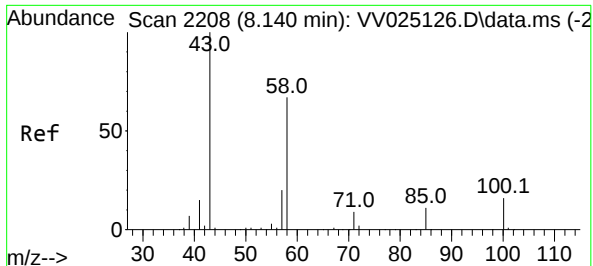
Tgt Ion: 97	Resp: 32966
Ion Ratio	Lower Upper
97 100	
99 62.5	43.7 81.1
83 82.2	58.9 109.3
85 53.9	38.8 72.0



#47
Tetrachloroethene
Concen: 4.796 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

Tgt	Ion:164	Resp:	38496
Ion	Ratio	Lower	Upper
164	100		
129	102.0	70.3	130.7
131	96.7	69.4	129.0
166	126.6	90.3	167.7



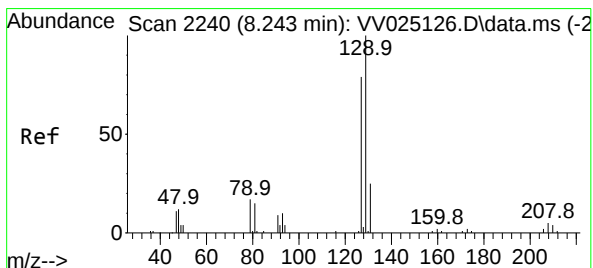
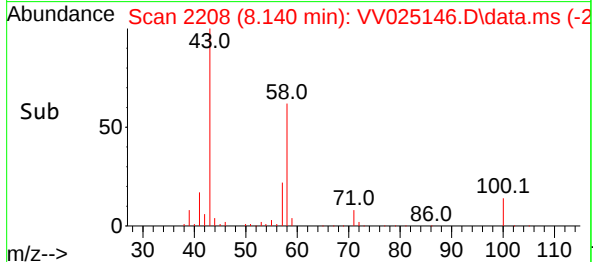
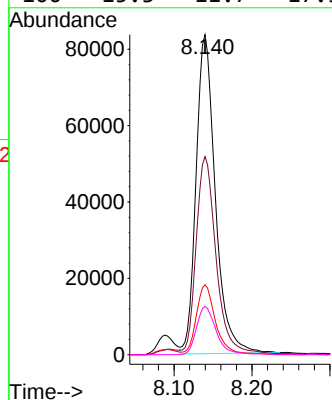
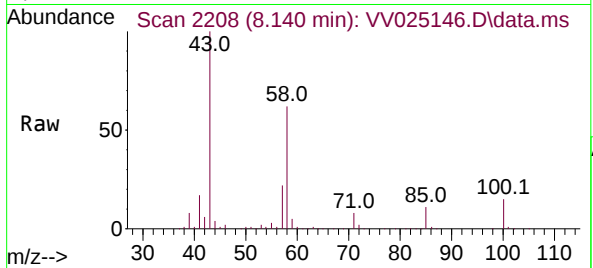


#48
2-Hexanone
Concen: 50.032 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 143740

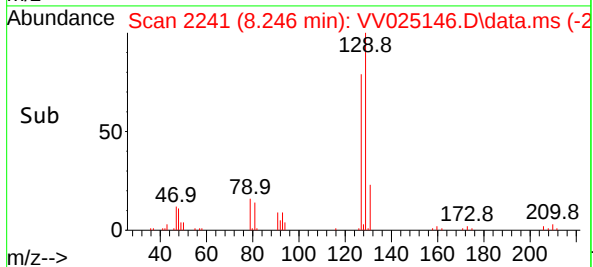
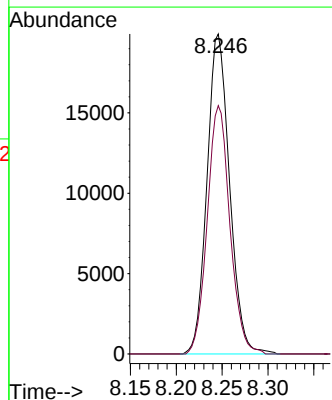
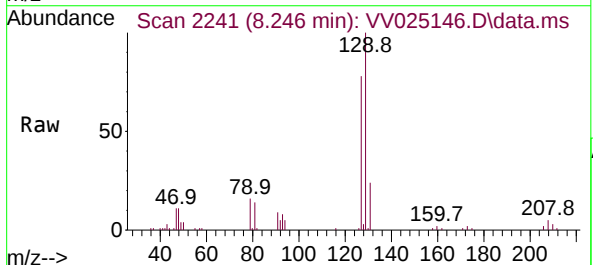
Ion	Ratio	Lower	Upper
43	100		
58	63.6	49.2	73.8
57	21.8	16.0	24.0
100	15.3	11.7	17.5

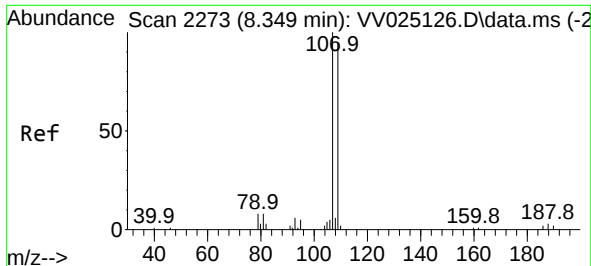


#49
Dibromochloromethane
Concen: 4.633 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

Tgt Ion: 129 Resp: 34116

Ion	Ratio	Lower	Upper
129	100		
127	77.6	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.097 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025146.D

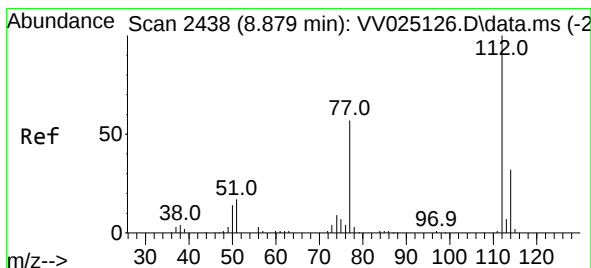
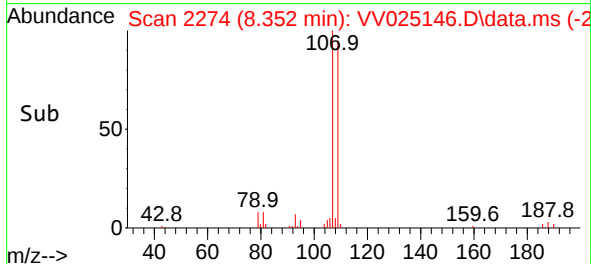
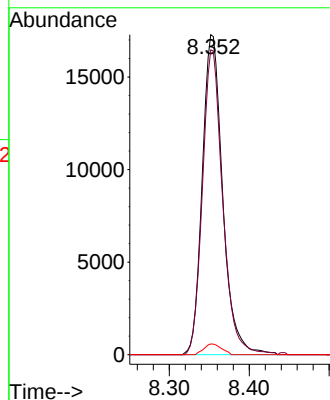
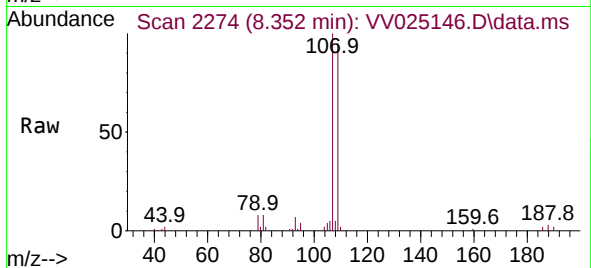
Acq: 23 Mar 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	30685
Ion	Ratio	Lower	Upper
107	100		
109	95.2	65.5	121.6
188	3.4	2.4	3.6



#51

Chlorobenzene

Concen: 4.989 ug/L

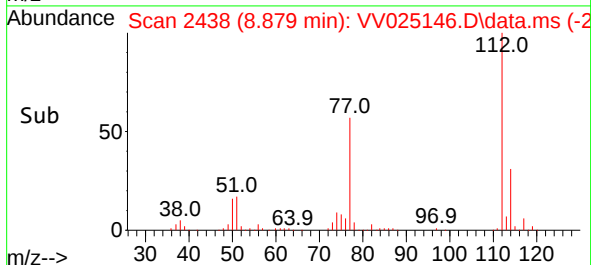
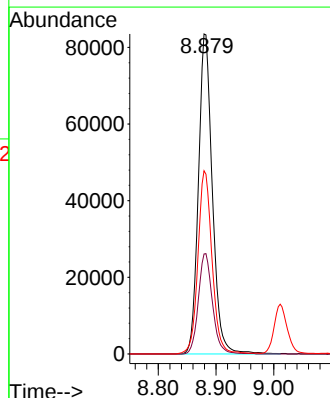
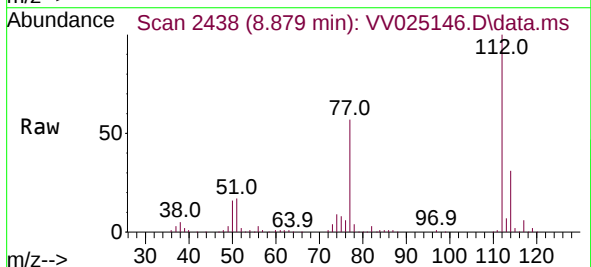
RT: 8.879 min Scan# 2438

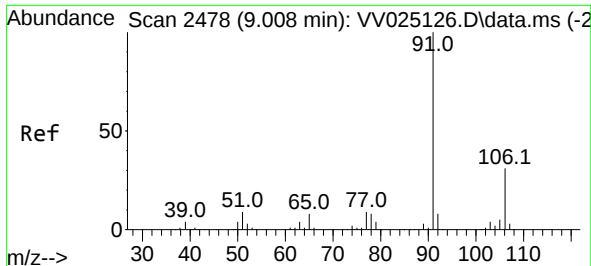
Delta R.T. -0.000 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

Tgt Ion:	112	Resp:	140110
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.5	41.7
77	57.3	45.3	67.9





#52

Ethylbenzene

Concen: 5.016 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

Instrument :

MSVOA_V

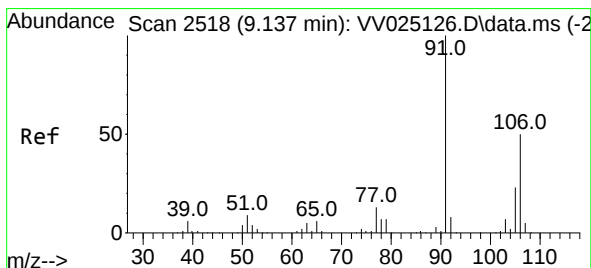
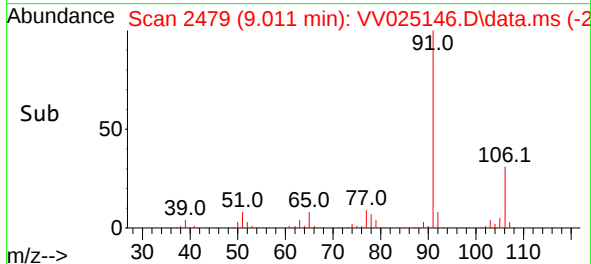
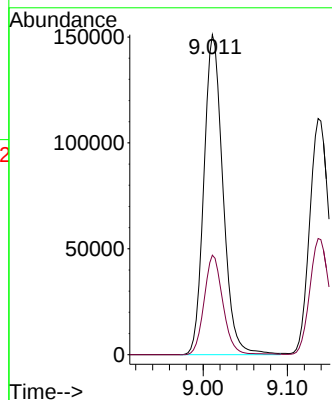
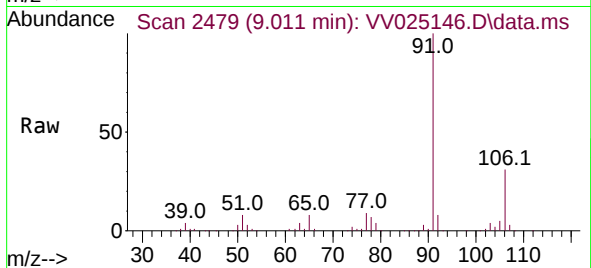
ClientSampleId :

Tgt Ion: 91 Resp: 237977

Ion Ratio Lower Upper

91 100

106 31.1 21.9 40.7



#53

m,p-xylene

Concen: 5.059 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV025146.D

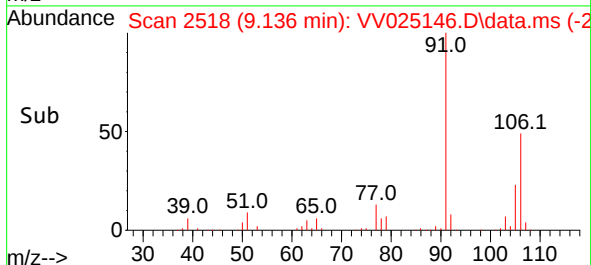
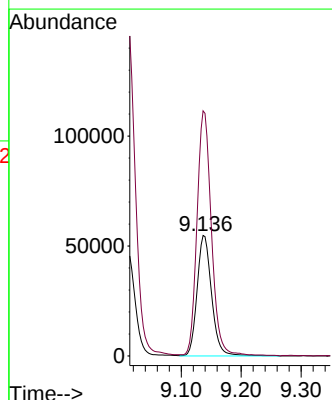
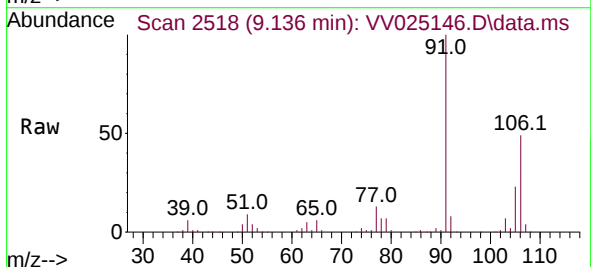
Acq: 23 Mar 2022 21:00

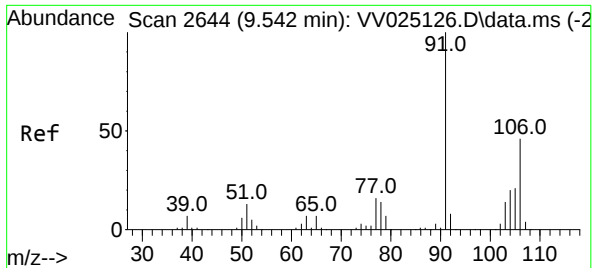
Tgt Ion:106 Resp: 92428

Ion Ratio Lower Upper

106 100

91 203.4 143.4 266.4

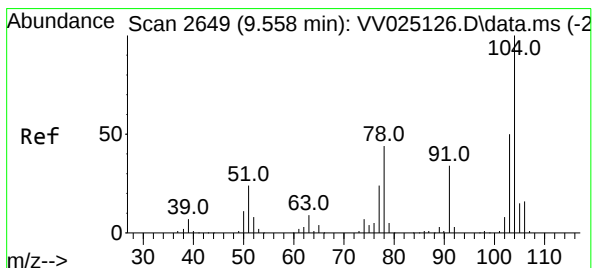
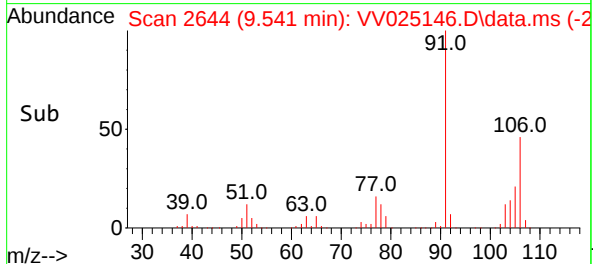
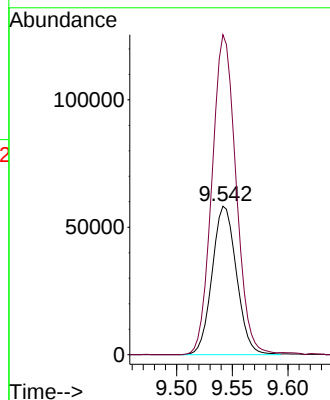
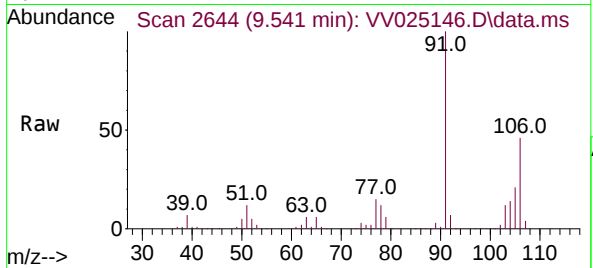




#54
o-xylene
Concen: 5.082 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

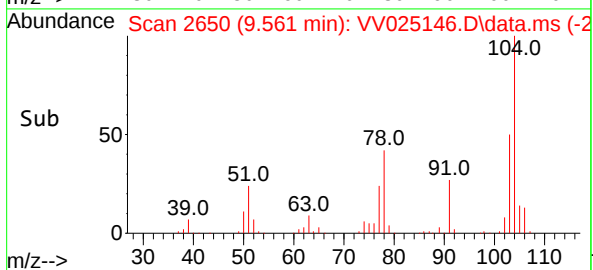
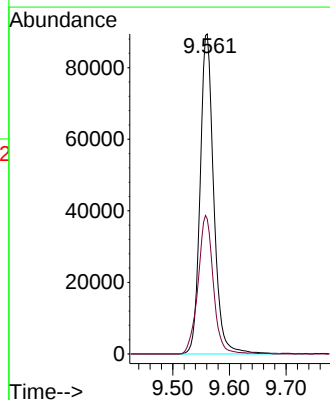
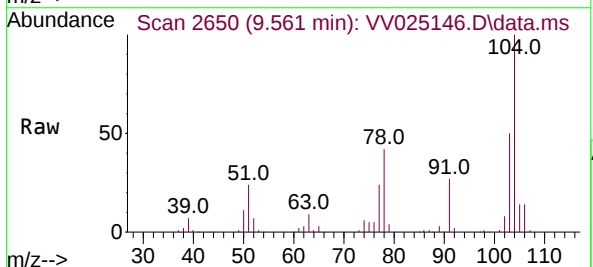
Instrument :
MSVOA_V
ClientSampleId :

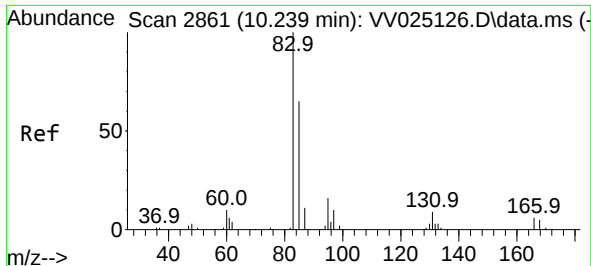
Tgt Ion:106 Resp: 88785
Ion Ratio Lower Upper
106 100
91 215.5 146.7 272.5



#55
Styrene
Concen: 5.252 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

Tgt Ion:104 Resp: 149449
Ion Ratio Lower Upper
104 100
78 42.2 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.506 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

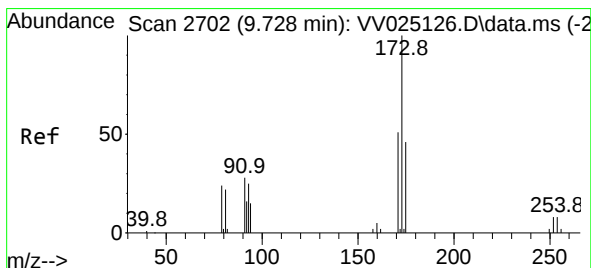
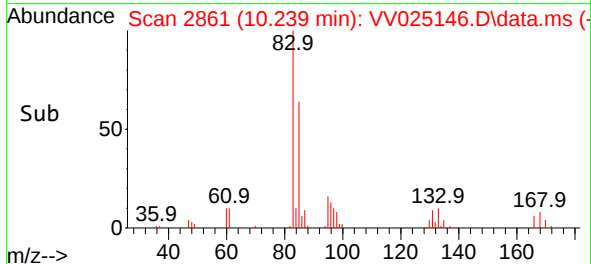
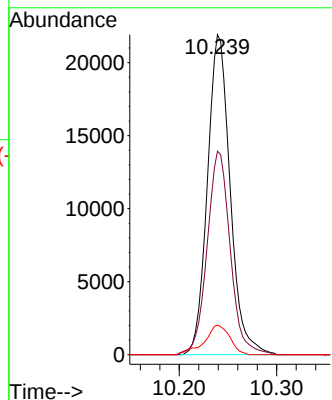
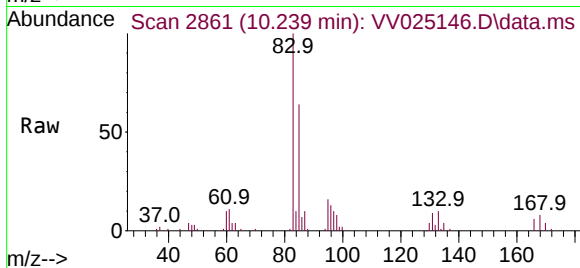
Tgt Ion: 83 Resp: 35504

Ion Ratio Lower Upper

83 100

85 63.6 43.9 81.5

131 9.3 7.5 11.3



#59

Bromoform

Concen: 4.154 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

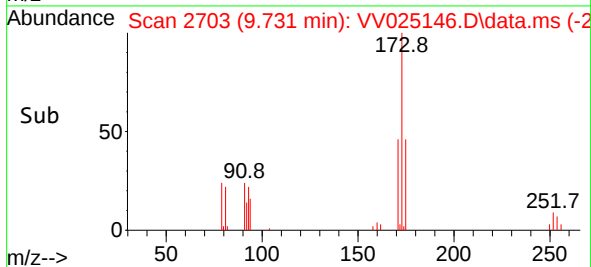
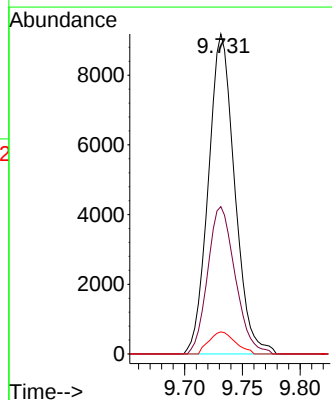
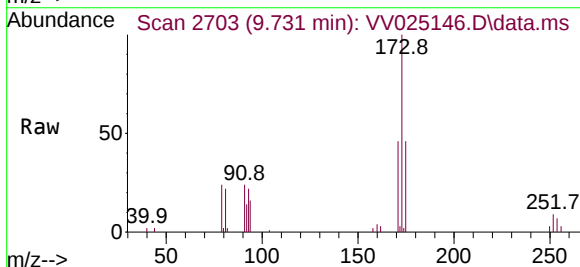
Tgt Ion: 173 Resp: 14567

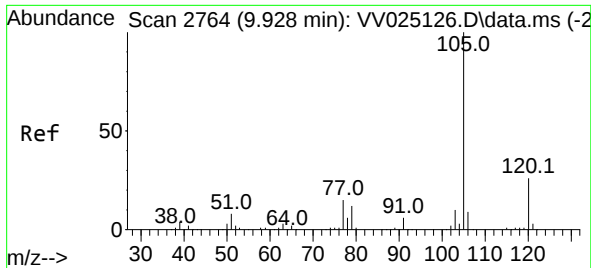
Ion Ratio Lower Upper

173 100

175 48.0 37.8 56.8

254 6.8 5.8 8.6

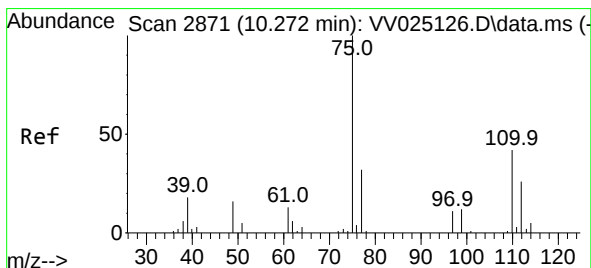
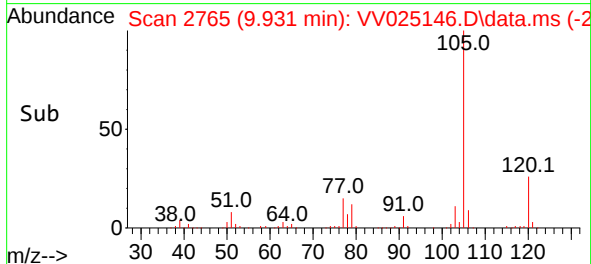
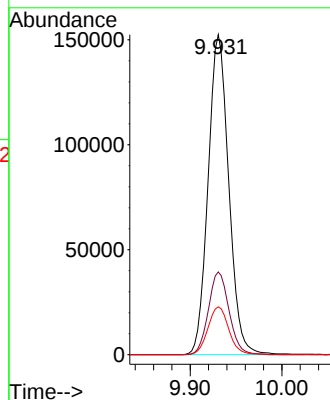
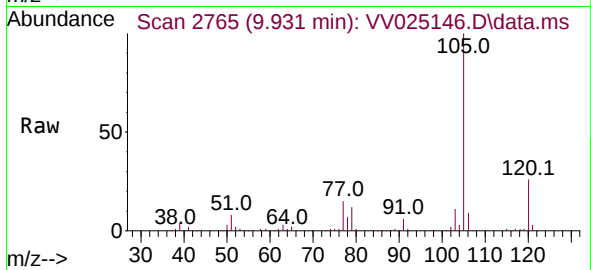




#60
Isopropylbenzene
Concen: 4.854 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

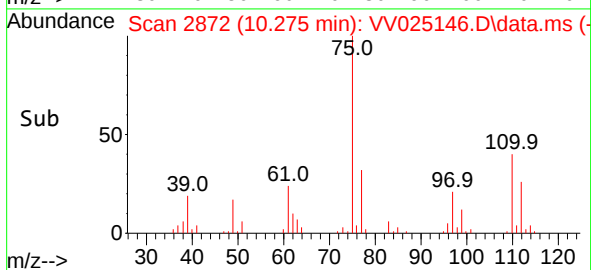
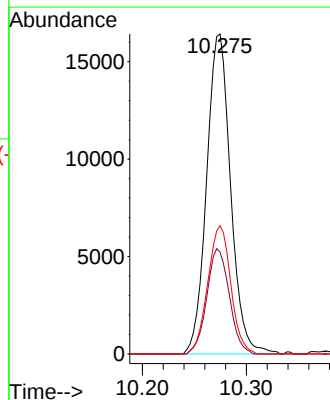
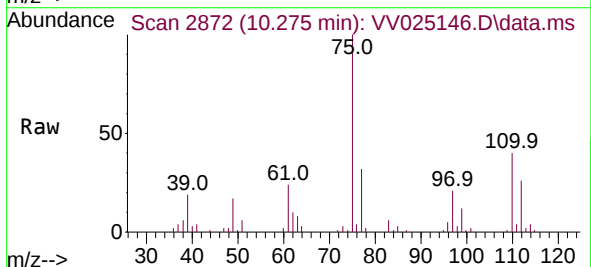
Instrument :
MSVOA_V
ClientSampleId :

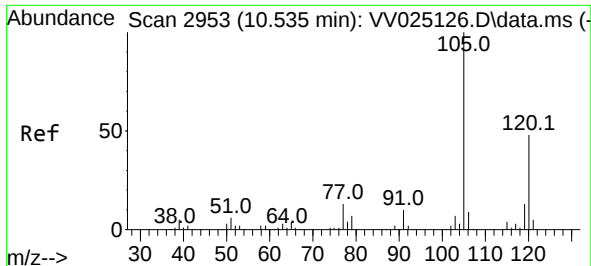
Tgt Ion:105 Resp: 238371
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.808 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

Tgt Ion: 75 Resp: 26326
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5
110 38.5 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 4.889 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

Instrument :

MSVOA_V

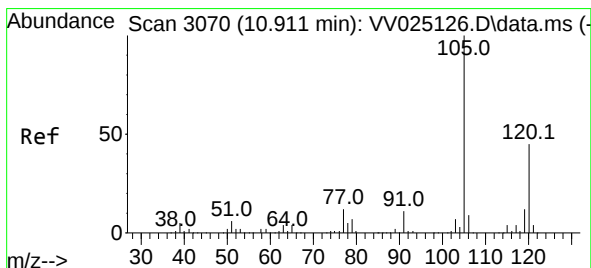
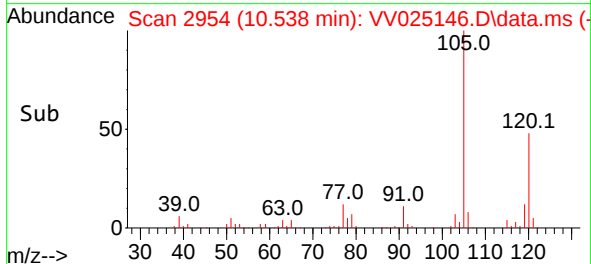
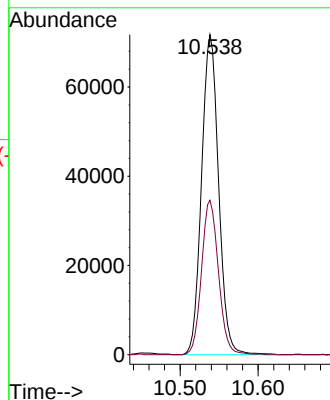
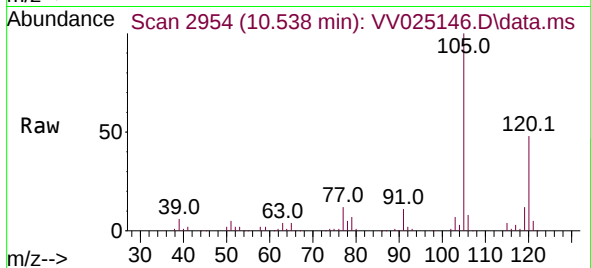
ClientSampleId :

Tgt Ion:105 Resp: 108934

Ion Ratio Lower Upper

105 100

120 47.8 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.968 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025146.D

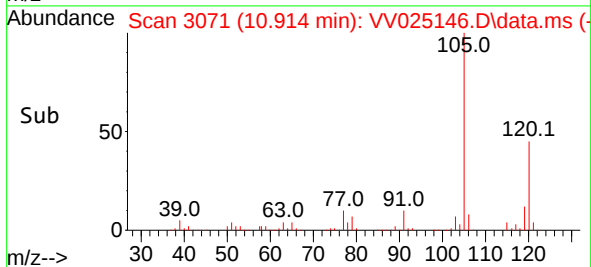
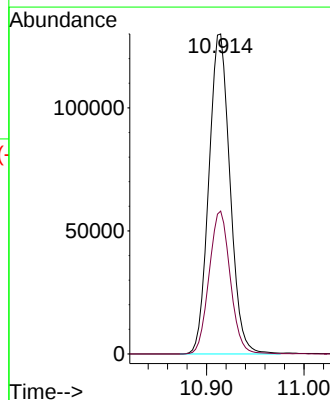
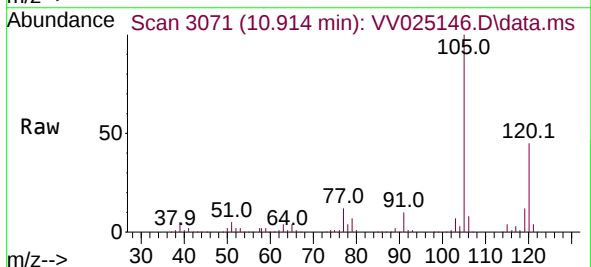
Acq: 23 Mar 2022 21:00

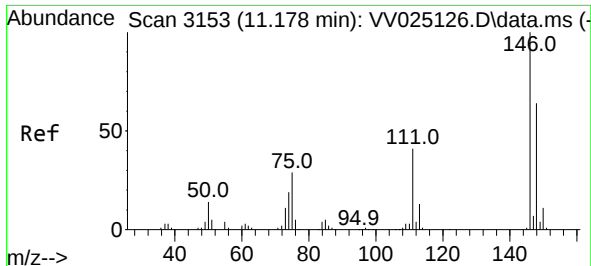
Tgt Ion:105 Resp: 196049

Ion Ratio Lower Upper

105 100

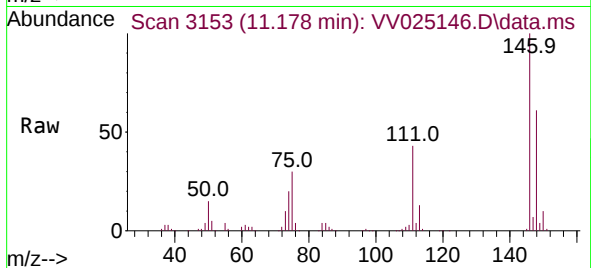
120 44.6 35.8 53.8



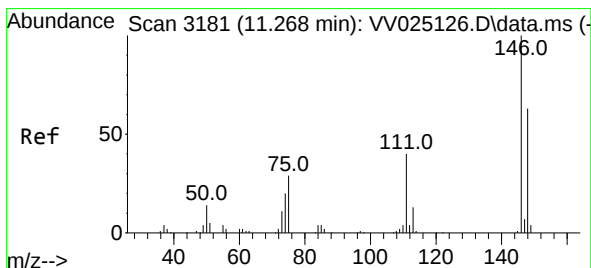
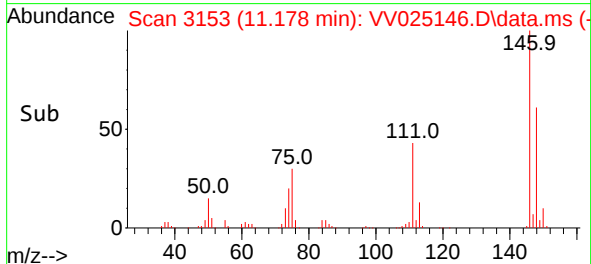
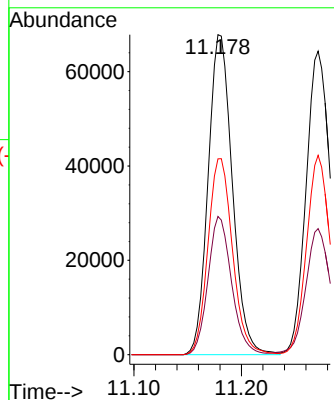


#64
1,3-Dichlorobenzene
Concen: 5.004 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

Instrument :
MSVOA_V
ClientSampleId :

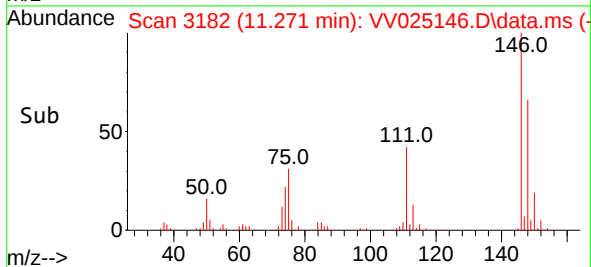
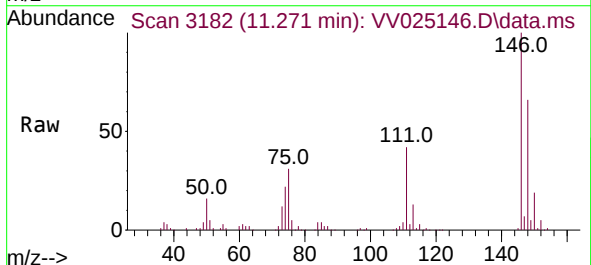
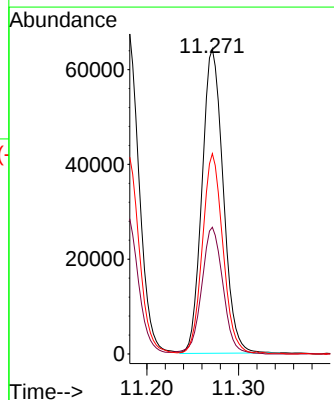


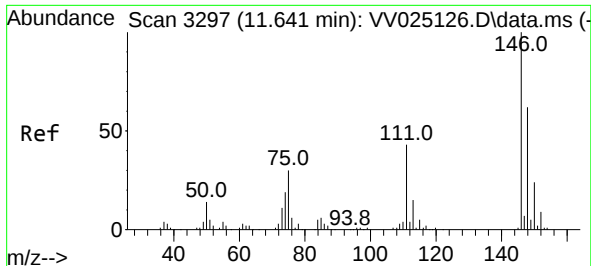
Tgt Ion:146 Resp: 106583
Ion Ratio Lower Upper
146 100
111 43.2 29.2 54.2
148 61.2 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.814 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

Tgt Ion:146 Resp: 103375
Ion Ratio Lower Upper
146 100
111 41.5 28.2 52.4
148 65.7 43.8 81.4

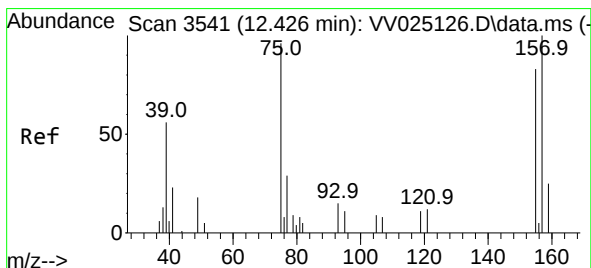
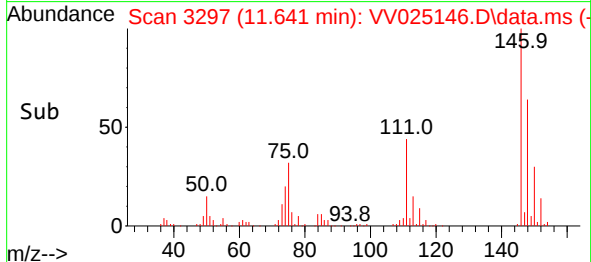
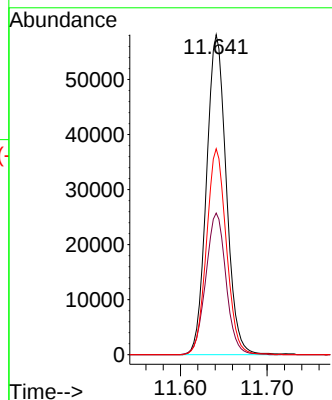
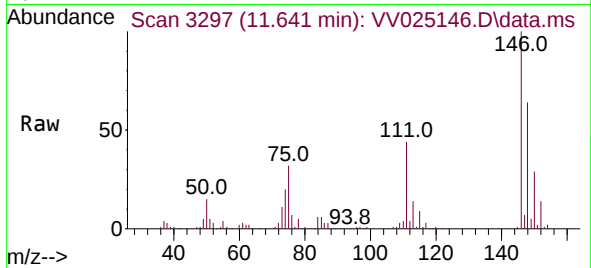




#67
1,2-Dichlorobenzene
Concen: 4.891 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

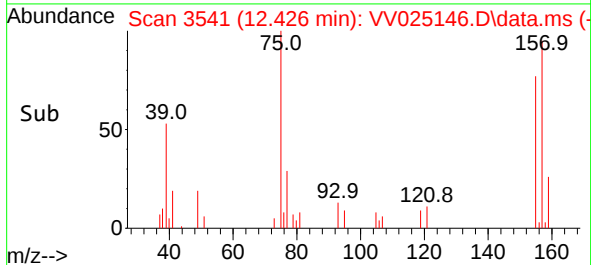
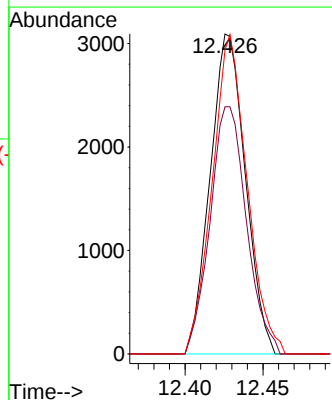
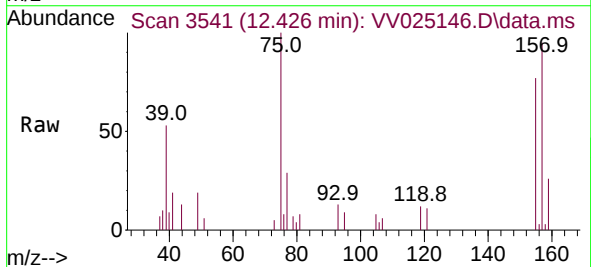
Instrument :
MSVOA_V
ClientSampleId :

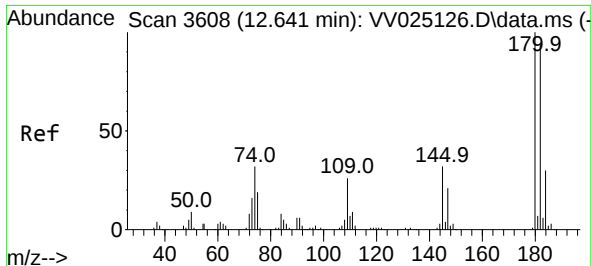
Tgt Ion:146 Resp: 92308
Ion Ratio Lower Upper
146 100
111 44.2 35.5 53.3
148 64.4 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.177 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025146.D
Acq: 23 Mar 2022 21:00

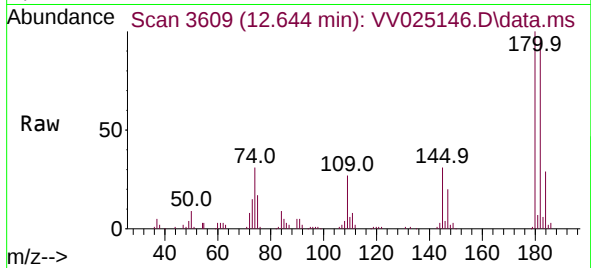
Tgt Ion: 75 Resp: 4860
Ion Ratio Lower Upper
75 100
155 77.3 65.9 98.9
157 95.0 89.7 134.5



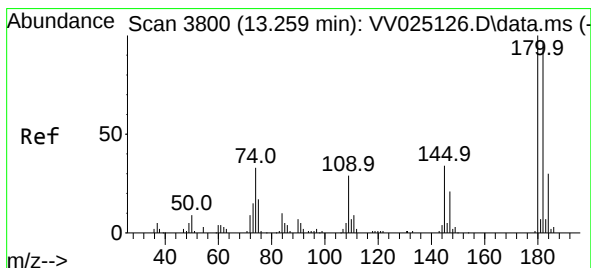
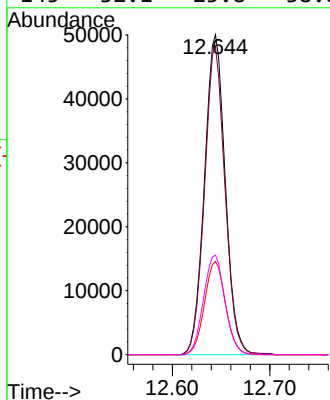
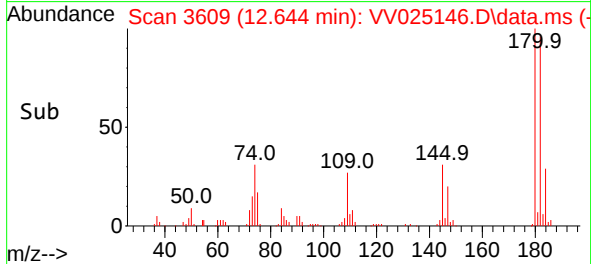


#69
 1,3,5-Trichlorobenzene
 Concen: 4.932 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV025146.D
 Acq: 23 Mar 2022 21:00

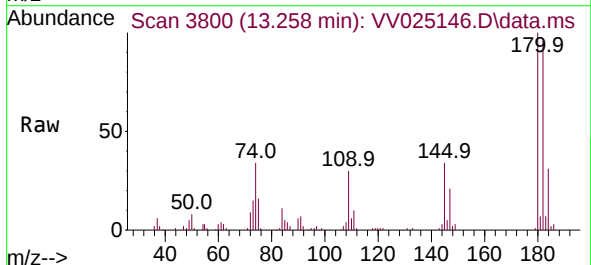
Instrument :
 MSVOA_V
 ClientSampleId :



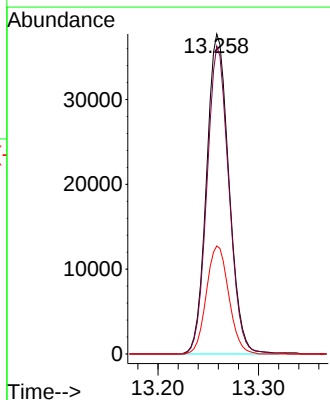
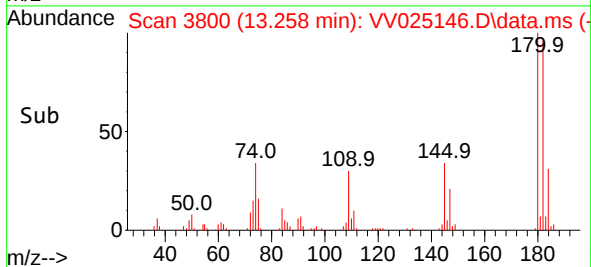
Tgt Ion:180 Resp: 74208
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.4 113.0
 184 29.4 24.2 36.4
 145 32.1 25.8 38.8

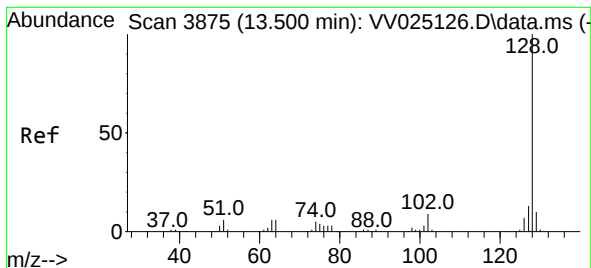


#70
 1,2,4-trichlorobenzene
 Concen: 4.988 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025146.D
 Acq: 23 Mar 2022 21:00



Tgt Ion:180 Resp: 58469
 Ion Ratio Lower Upper
 180 100
 182 94.3 74.6 112.0
 145 33.6 26.1 39.1





#71

Naphthalene

Concen: 5.238 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

Instrument :

MSVOA_V

ClientSampleId :

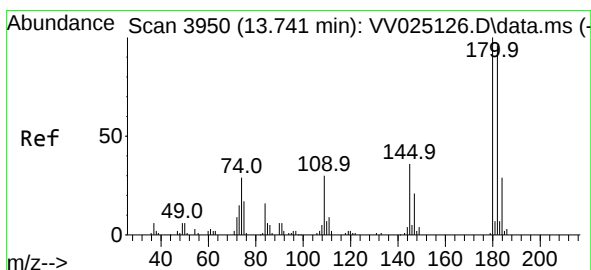
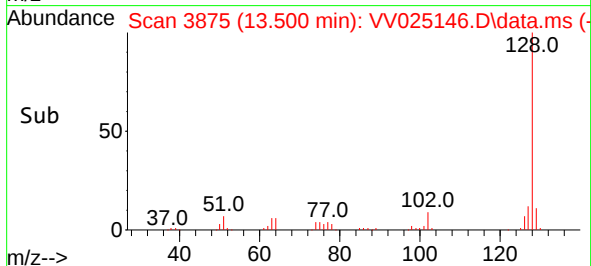
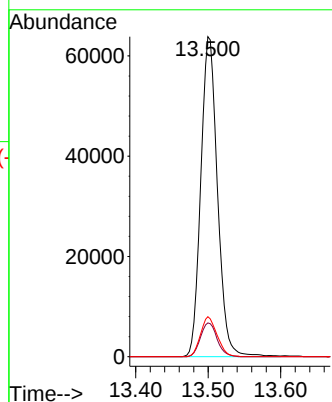
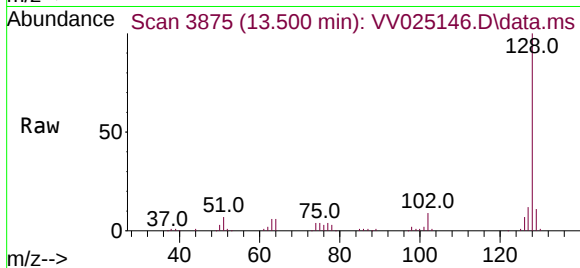
Tgt Ion:128 Resp: 101971

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 12.3 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 5.106 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV025146.D

Acq: 23 Mar 2022 21:00

Tgt Ion:180 Resp: 50716

Ion Ratio Lower Upper

180 100

182 96.1 74.8 112.2

145 34.6 27.6 41.4

