

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025126.D
 Acq On : 23 Mar 2022 11:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 24 01:09:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 23 01:08:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	140987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	132231	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	64708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45413	4.080	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.568	69	39295	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.108	63	81846	4.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.909	46	84814	63.050	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.100%
24) Chloroform-d	4.346	84	97926	5.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.031	65	40964	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.047	84	191259	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.066	67	57926	5.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.310	98	170645	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.622	79	19081	4.962	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.088	63	81032	61.781	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37030	5.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	57353	5.236	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	56272	4.517	ug/L	99
3) Chloromethane	1.240	50	50579	4.305	ug/L	99
5) Vinyl chloride	1.311	62	55646	4.489	ug/L	98
6) Bromomethane	1.523	94	35400	4.419	ug/L	97
8) Chloroethane	1.584	64	35428	4.714	ug/L	99
9) Trichlorofluoromethane	1.751	101	82387	4.887	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	45403	4.967	ug/L	98
12) 1,1-Dichloroethene	2.118	96	42316	4.711	ug/L	98
13) Acetone	2.204	43	51915m	57.705	ug/L	
14) Carbon disulfide	2.291	76	135138	4.205	ug/L	99
15) Methyl Acetate	2.449	43	12397	5.030	ug/L	90
16) Methylene chloride	2.507	84	65809	6.047	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	98562	5.038	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	51010	4.719	ug/L	98
19) 1,1-Dichloroethane	3.185	63	89361	4.858	ug/L	99
21) 2-Butanone	3.995	43	76908	54.163	ug/L	84
22) cis-1,2-Dichloroethene	3.909	96	53889	4.938	ug/L	98
23) Bromochloromethane	4.246	128	22554	5.242	ug/L	94
25) Chloroform	4.372	83	92672	4.838	ug/L	97

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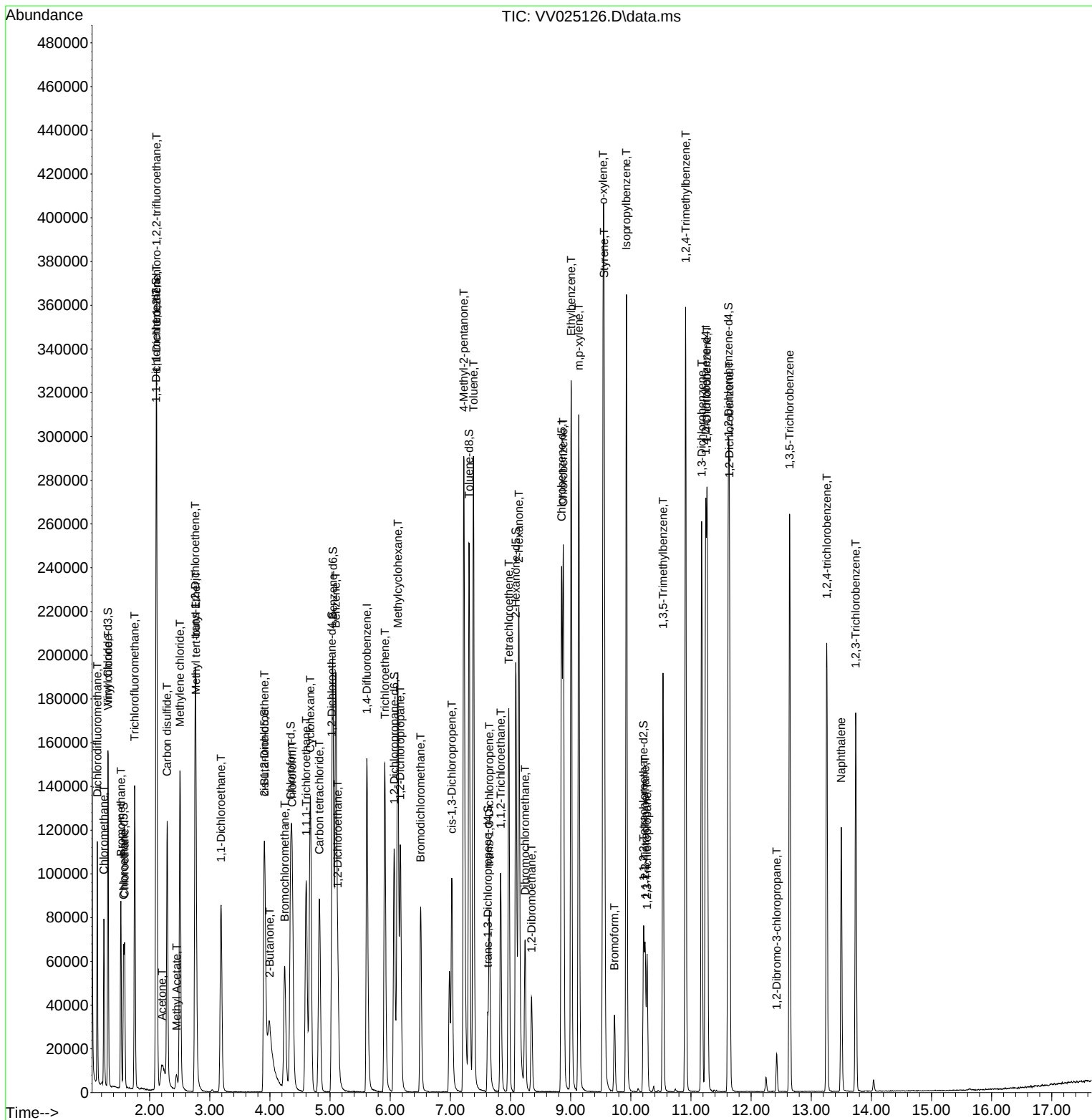
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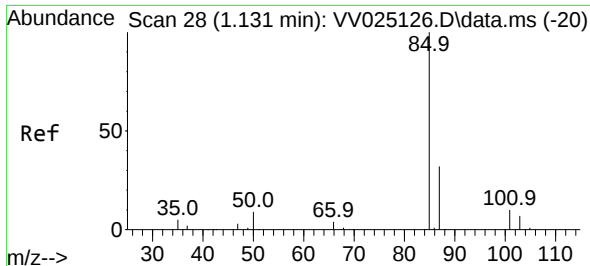
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	45682	4.797	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	82327	4.882	ug/L	99
30) Cyclohexane	4.671	56	76267	4.649	ug/L	99
31) Carbon tetrachloride	4.822	117	69968	4.836	ug/L	100
33) Benzene	5.095	78	206060	4.791	ug/L	100
34) Trichloroethene	5.912	95	56186	4.906	ug/L	99
35) Methylcyclohexane	6.127	83	86269	4.759	ug/L	98
37) 1,2-Dichloropropane	6.169	63	47220	4.777	ug/L	100
38) Bromodichloromethane	6.507	83	61427	4.915	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	66305	4.832	ug/L	97
40) 4-Methyl-2-pentanone	7.224	43	206830	50.856	ug/L	96
42) Toluene	7.384	91	221312	4.917	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	51288	4.750	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	33461	5.069	ug/L	99
47) Tetrachloroethene	7.973	164	38403	4.767	ug/L	98
48) 2-Hexanone	8.140	43	149300	51.781	ug/L	98
49) Dibromochloromethane	8.243	129	35940	4.864	ug/L	100
50) 1,2-Dibromoethane	8.349	107	30391	5.030	ug/L	98
51) Chlorobenzene	8.879	112	137843	4.891	ug/L	99
52) Ethylbenzene	9.008	91	233738	4.909	ug/L	99
53) m,p-xylene	9.137	106	92450	5.042	ug/L	97
54) o-xylene	9.542	106	86673	4.943	ug/L	95
55) Styrene	9.558	104	146398	5.126	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	32656	5.046	ug/L	97
59) Bromoform	9.728	173	16095	4.618	ug/L	99
60) Isopropylbenzene	9.928	105	236230	4.841	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	25771	4.736	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	107052	4.834	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	193306	4.929	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	105173	4.968	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	103289	4.840	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	92099	4.910	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4525	4.851	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	76026	5.085	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	58653	5.035	ug/L	99
71) Naphthalene	13.500	128	94846	4.903	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	49494	5.014	ug/L	98

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

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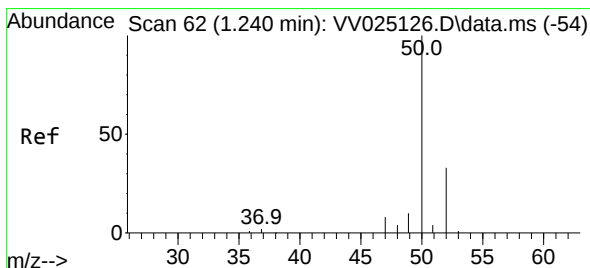
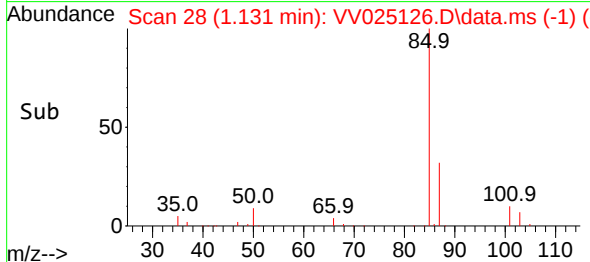
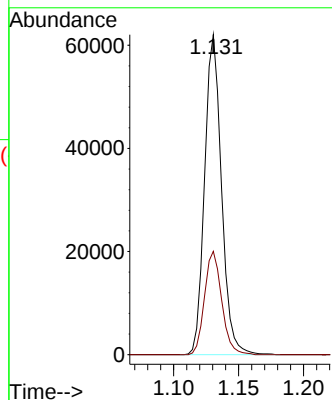
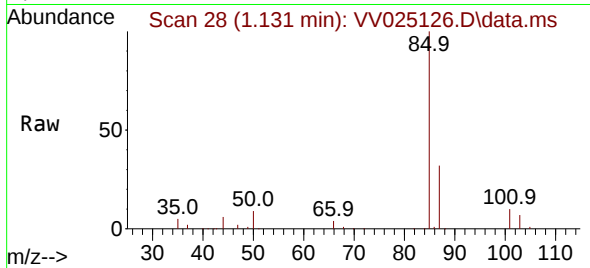




#2
 Dichlorodifluoromethane
 Concen: 4.517 ug/L
 RT: 1.131 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV025126.D
 Acq: 23 Mar 2022 11:58

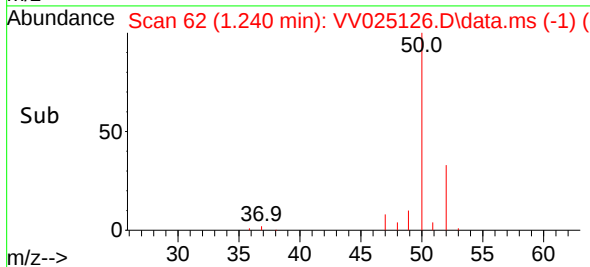
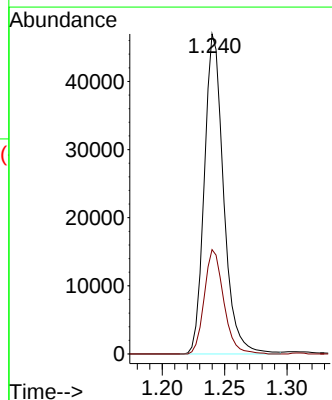
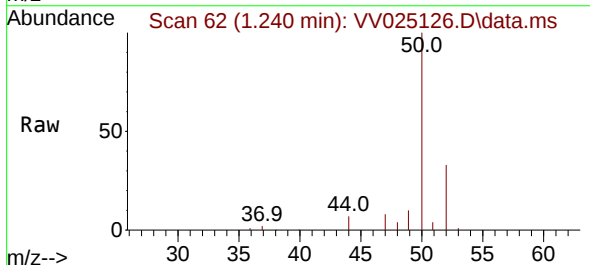
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 ClientSampleId :

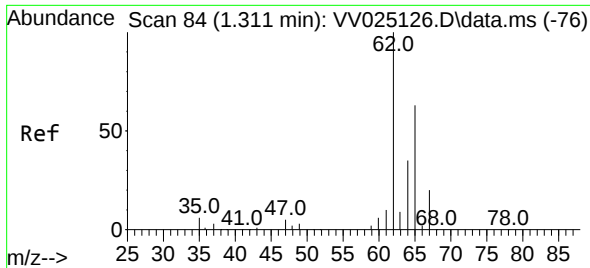
Tgt Ion: 85 Resp: 56272
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.7 40.1



#3
 Chloromethane
 Concen: 4.305 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV025126.D
 Acq: 23 Mar 2022 11:58

Tgt Ion: 50 Resp: 50579
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.2 43.2

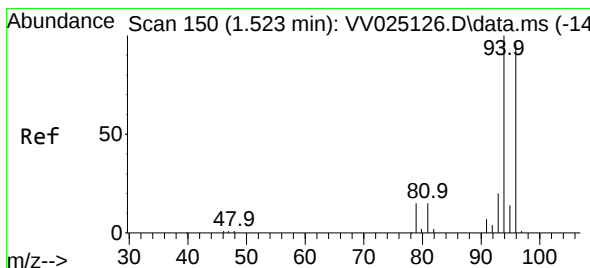
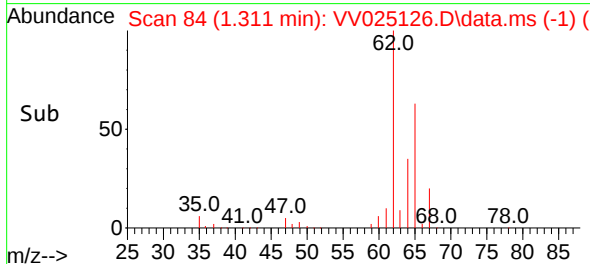
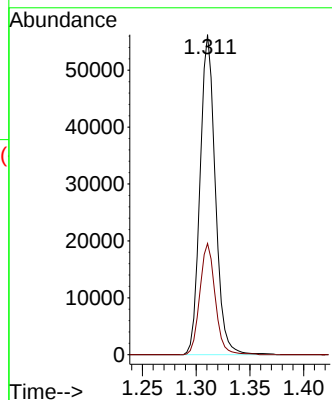
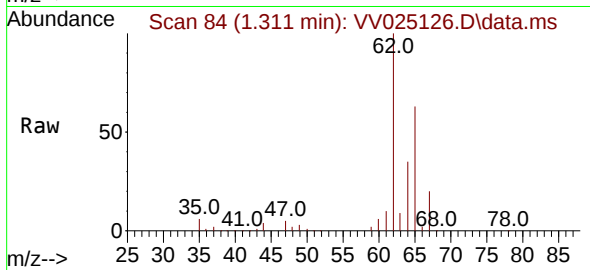




#5
 Vinyl chloride
 Concen: 4.489 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025126.D
 Acq: 23 Mar 2022 11:58

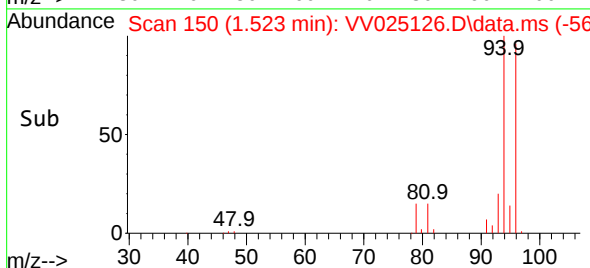
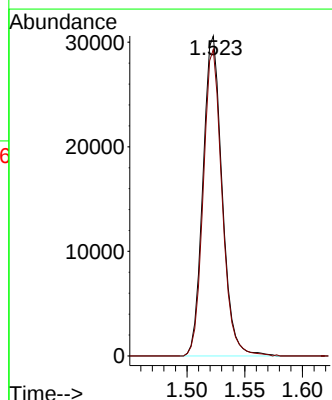
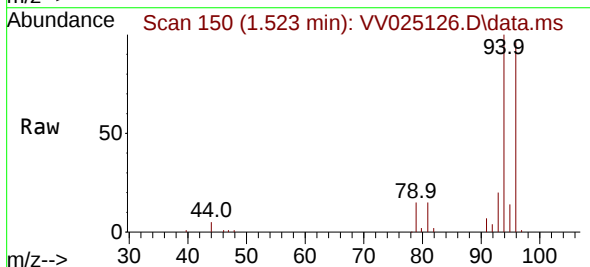
Instrument :
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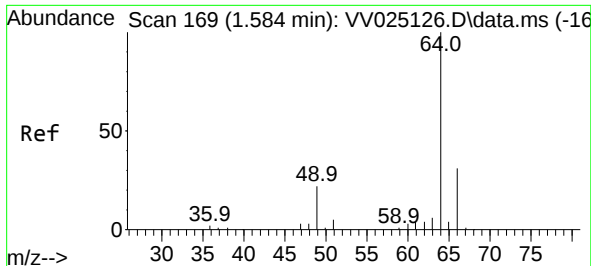
Tgt Ion: 62 Resp: 55646
 Ion Ratio Lower Upper
 62 100
 64 34.8 23.4 43.4



#6
 Bromomethane
 Concen: 4.419 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV025126.D
 Acq: 23 Mar 2022 11:58

Tgt Ion: 94 Resp: 35400
 Ion Ratio Lower Upper
 94 100
 96 95.8 64.9 120.5

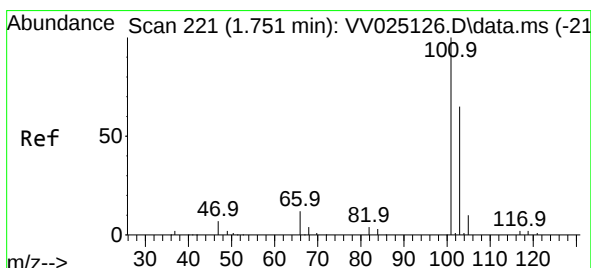
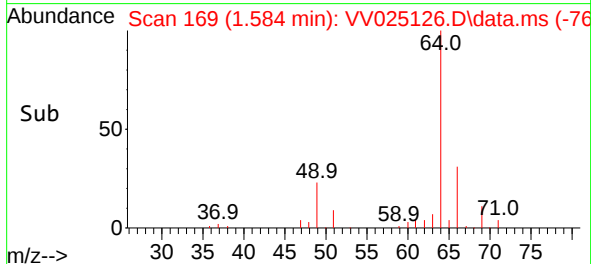
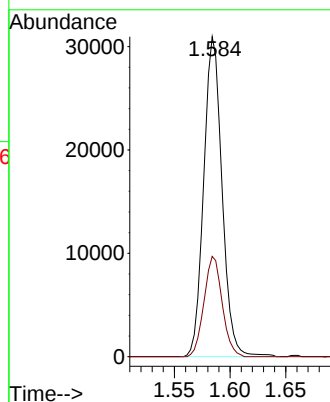
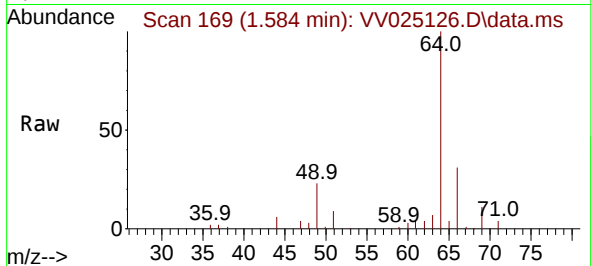




#8
Chloroethane
Concen: 4.714 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

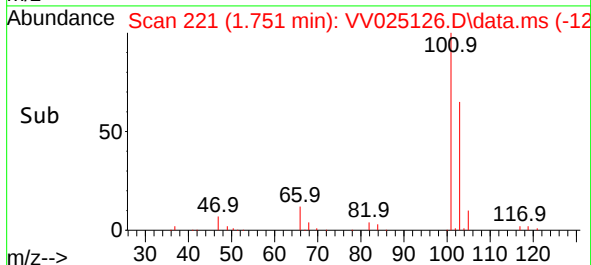
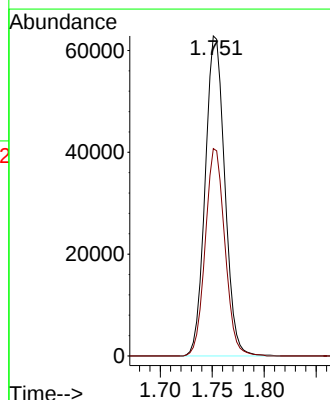
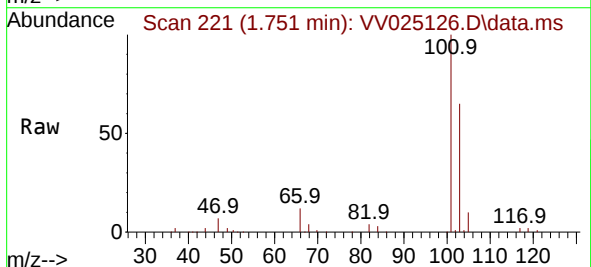
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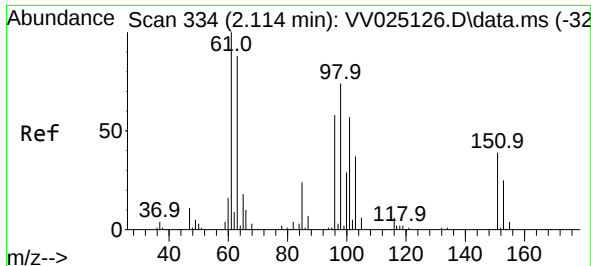
Tgt Ion: 64 Resp: 35428
Ion Ratio Lower Upper
64 100
66 31.4 22.5 41.7



#9
Trichlorofluoromethane
Concen: 4.887 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

Tgt Ion:101 Resp: 82387
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

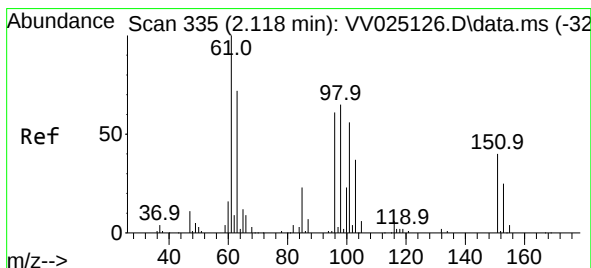
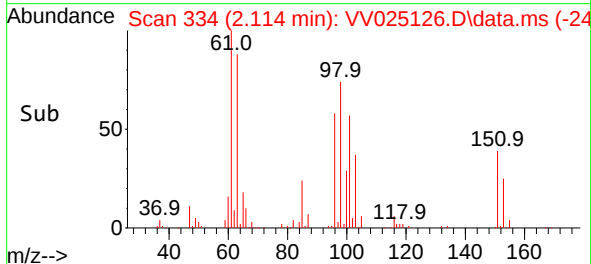
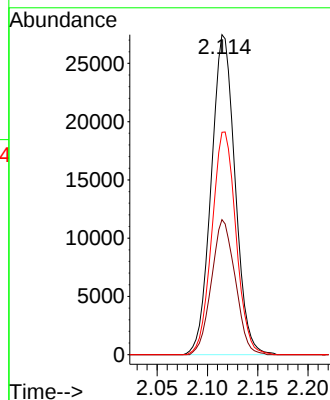
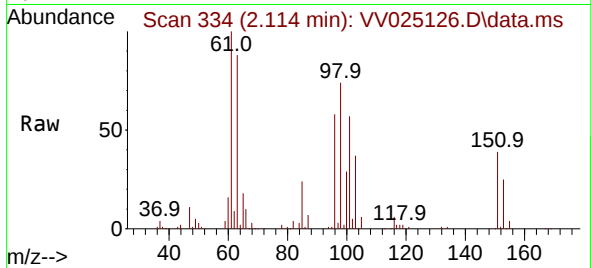




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.967 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV025126.D
 Acq: 23 Mar 2022 11:58

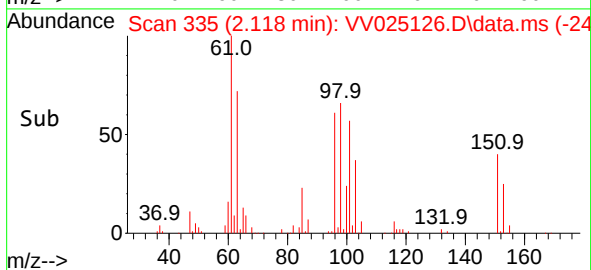
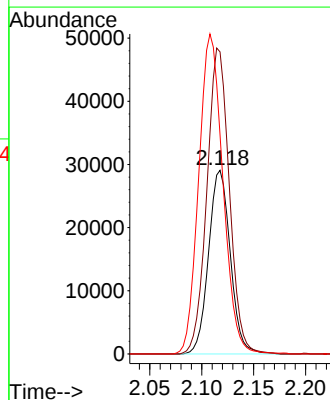
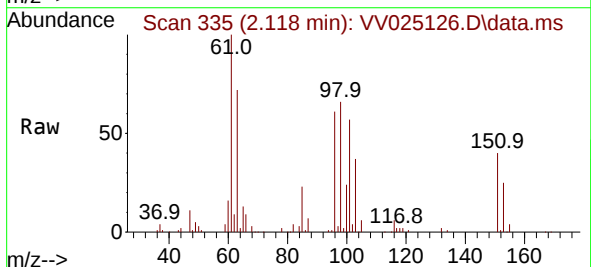
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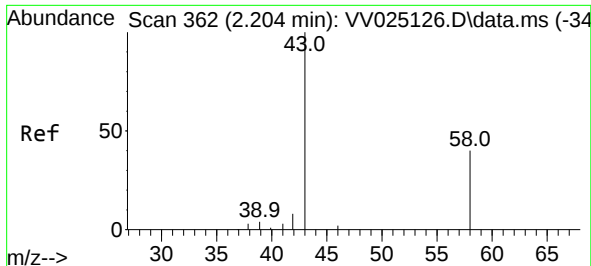
Tgt Ion:101 Resp: 45403
 Ion Ratio Lower Upper
 101 100
 85 41.9 34.8 52.2
 151 70.2 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 4.711 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV025126.D
 Acq: 23 Mar 2022 11:58

Tgt Ion: 96 Resp: 42316
 Ion Ratio Lower Upper
 96 100
 61 164.5 113.0 209.9
 63 119.3 82.1 152.5





#13

Acetone

Concen: 57.705 ug/L m

RT: 2.204 min Scan# 3

Delta R.T. 0.007 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

Instrument :

BNA_P

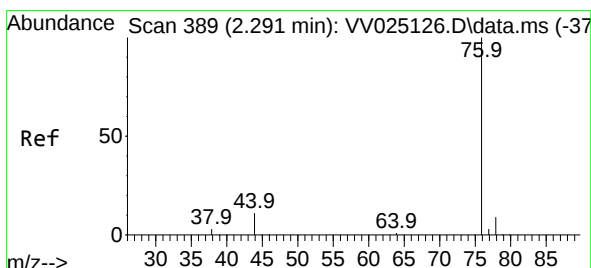
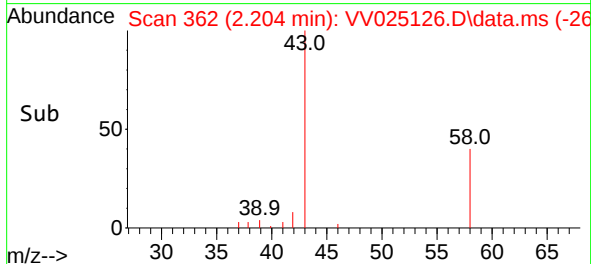
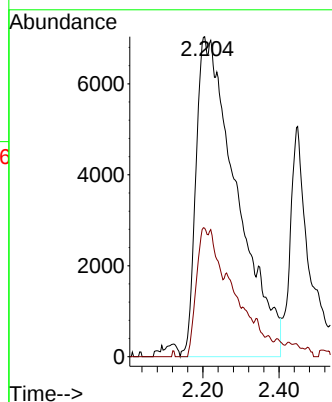
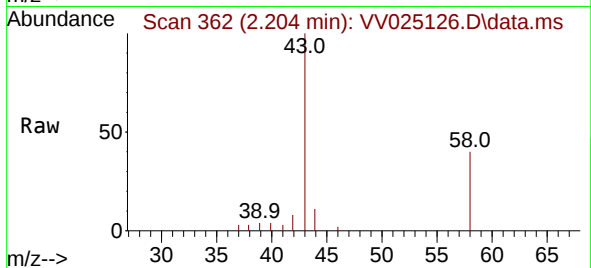
ClientSampleId :

Tgt Ion: 43 Resp: 51915

Ion Ratio Lower Upper

43 100

58 11.6 0.0 54.2



#14

Carbon disulfide

Concen: 4.205 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV025126.D

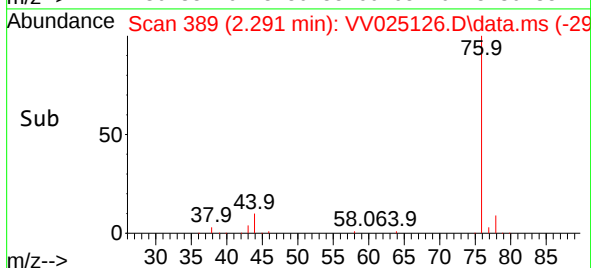
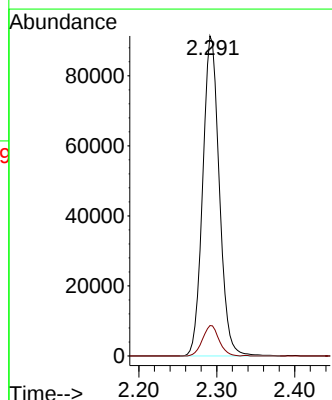
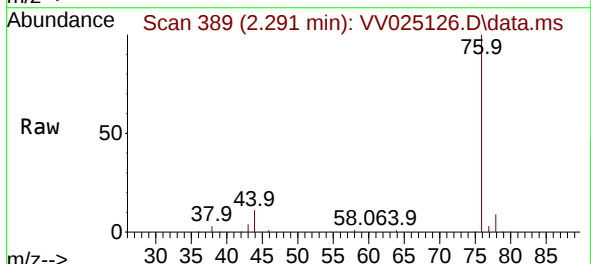
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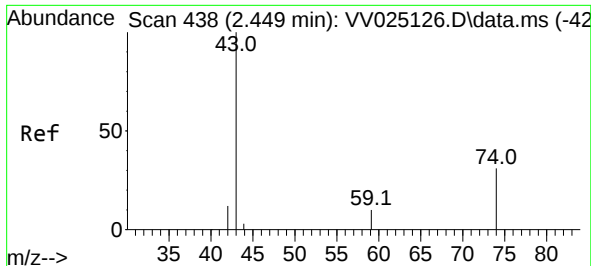
Tgt Ion: 76 Resp: 135138

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

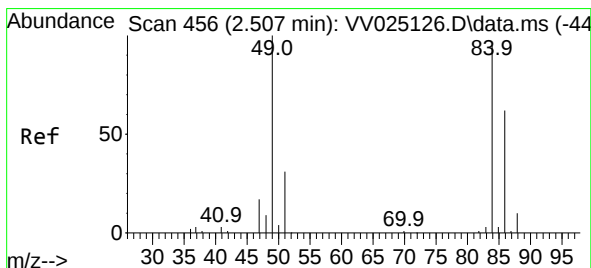
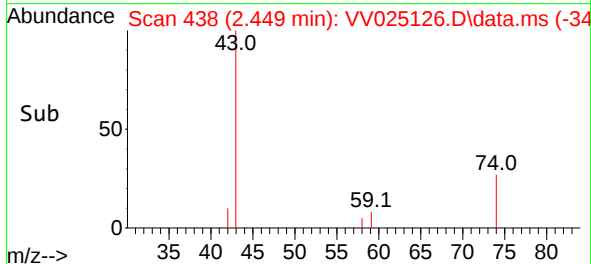
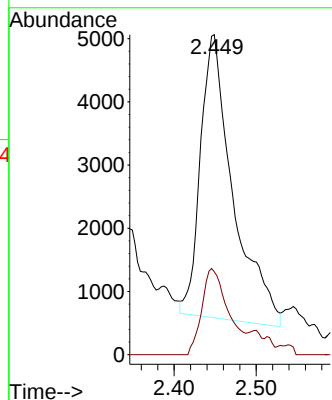
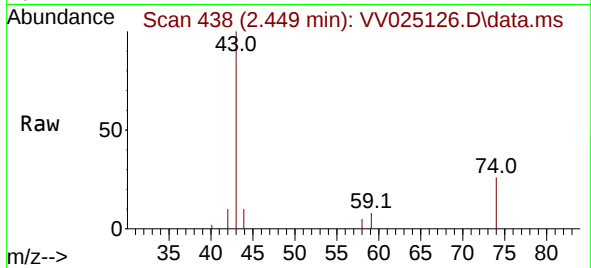




#15
Methyl Acetate
Concen: 5.030 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

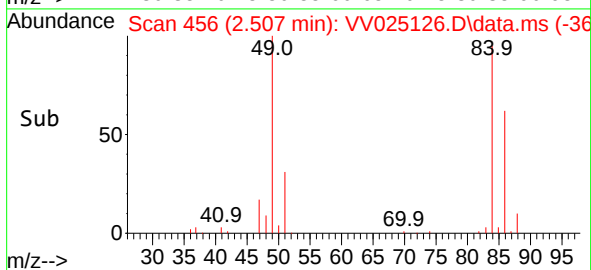
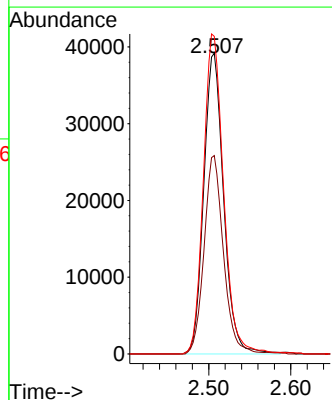
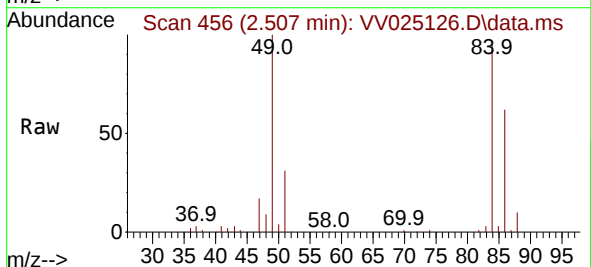
Instrument :
BNA_P
ClientSampleId :

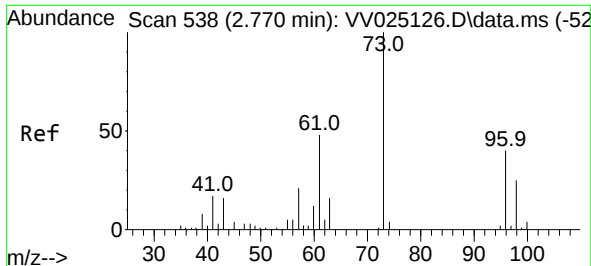
Tgt Ion: 43 Resp: 12397
Ion Ratio Lower Upper
43 100
74 24.7 24.2 36.4



#16
Methylene chloride
Concen: 6.047 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

Tgt Ion: 84 Resp: 65809
Ion Ratio Lower Upper
84 100
86 66.0 45.5 84.5
49 105.7 75.0 139.2

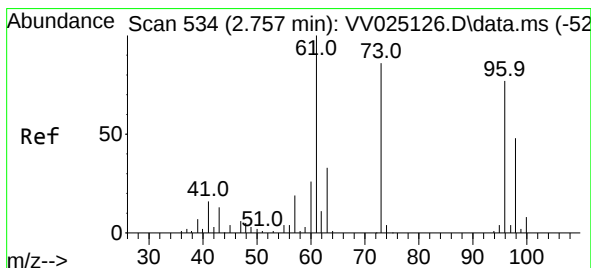
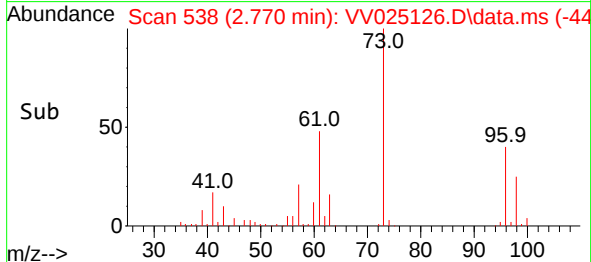
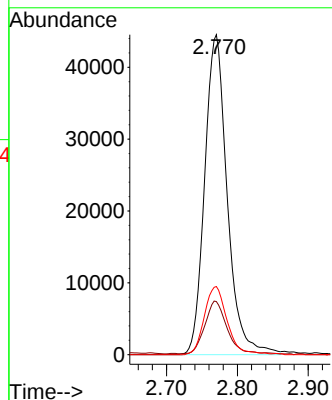
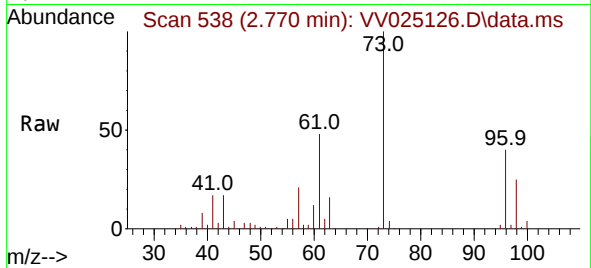




#17
Methyl tert-butyl Ether
Concen: 5.038 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

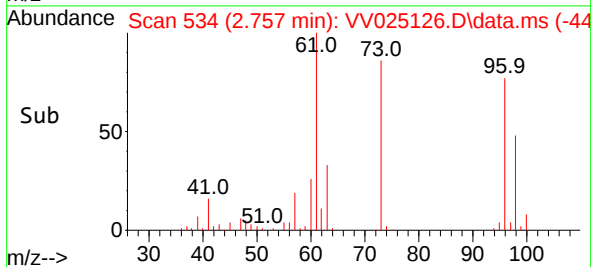
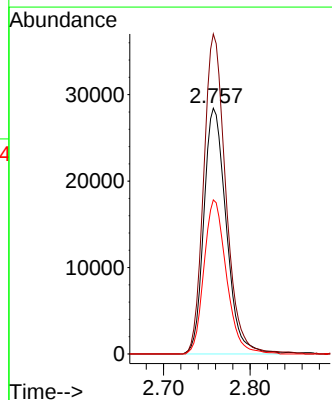
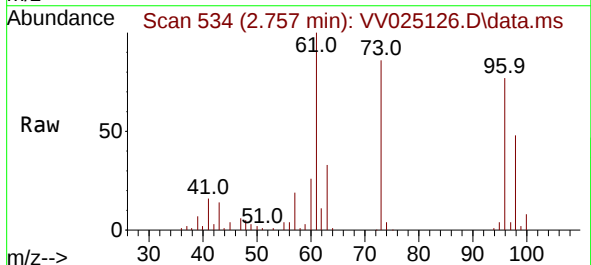
Instrument :
BNA_P
ClientSampleId :

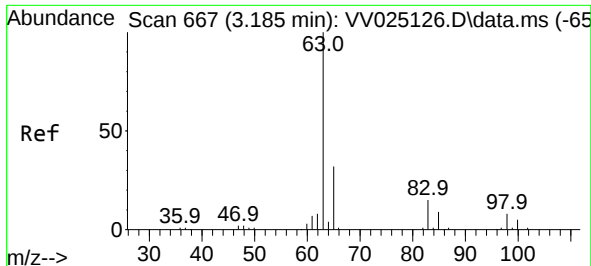
Tgt Ion: 73 Resp: 98562
Ion Ratio Lower Upper
73 100
43 15.8 13.2 19.8
57 21.4 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 4.719 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

Tgt Ion: 96 Resp: 51010
Ion Ratio Lower Upper
96 100
61 130.2 89.2 165.6
98 62.7 43.9 81.5





#19

1,1-Dichloroethane

Concen: 4.858 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

Instrument :

BNA_P

ClientSampleId :

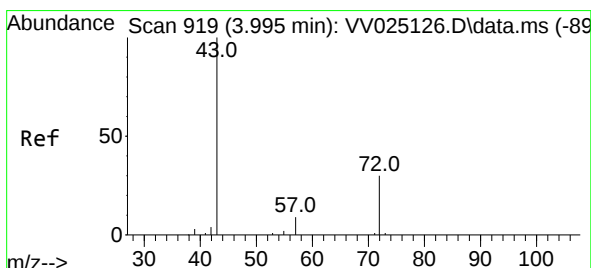
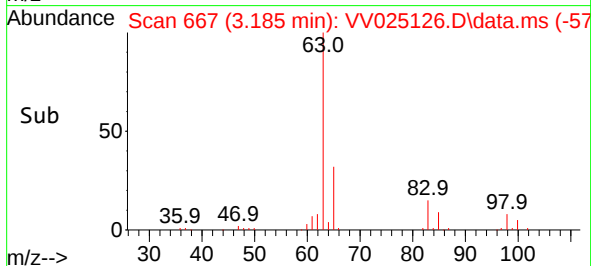
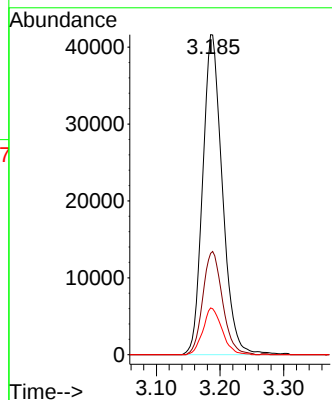
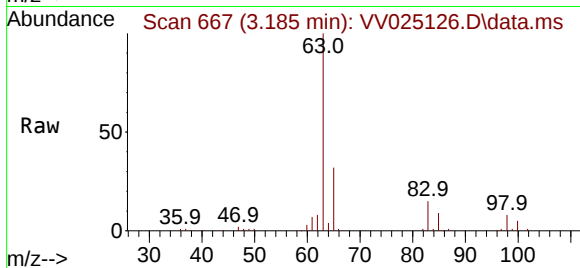
Tgt Ion: 63 Resp: 89361

Ion Ratio Lower Upper

63 100

65 31.6 22.2 41.2

83 14.6 9.4 17.4



#21

2-Butanone

Concen: 54.163 ug/L

RT: 3.995 min Scan# 919

Delta R.T. 0.010 min

Lab File: VV025126.D

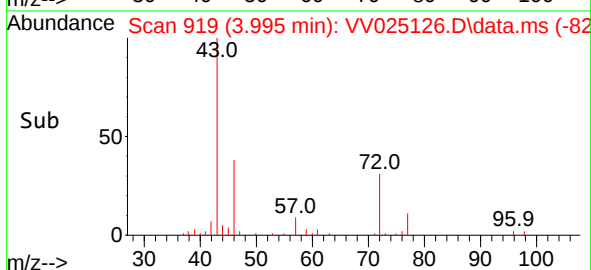
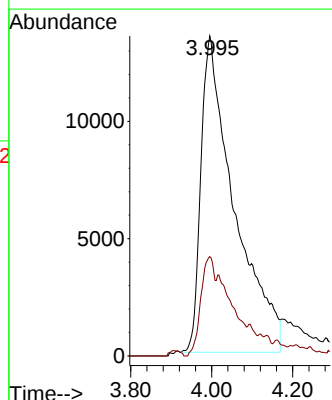
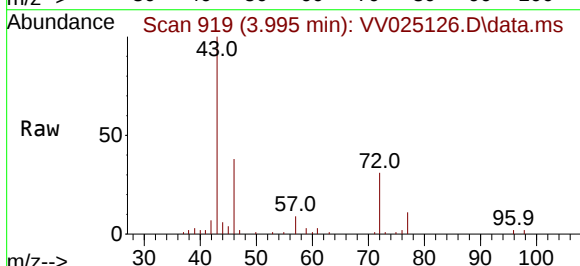
Acq: 23 Mar 2022 11:58

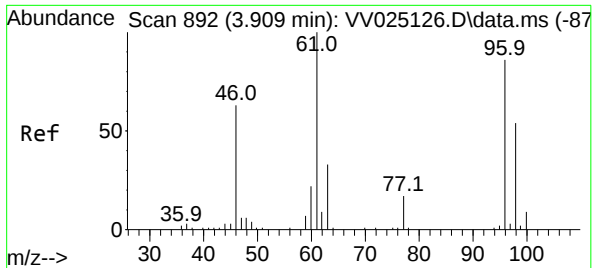
Tgt Ion: 43 Resp: 76908

Ion Ratio Lower Upper

43 100

72 13.4 10.4 31.2

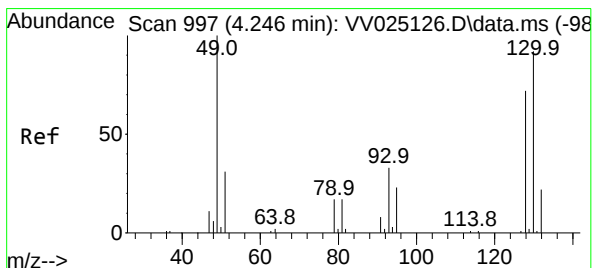
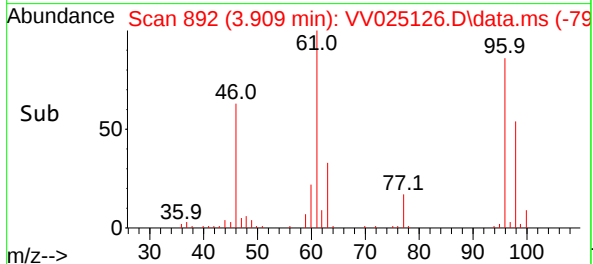
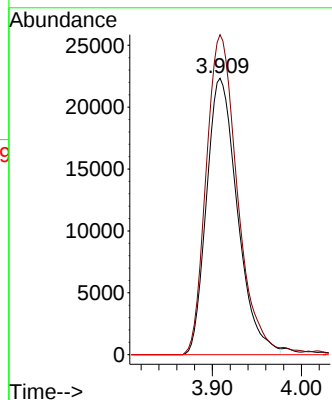
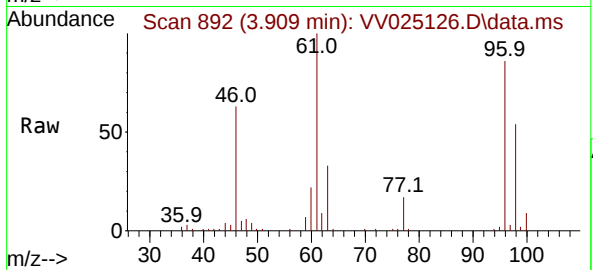




#22
 cis-1,2-Dichloroethene
 Concen: 4.938 ug/L
 RT: 3.909 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV025126.D
 Acq: 23 Mar 2022 11:58

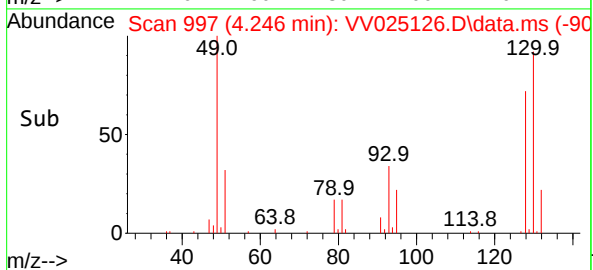
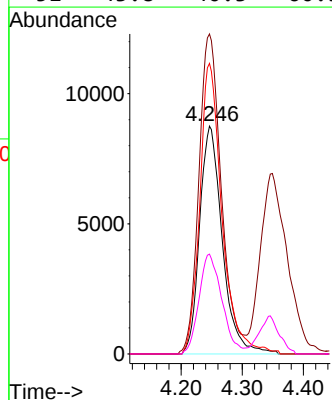
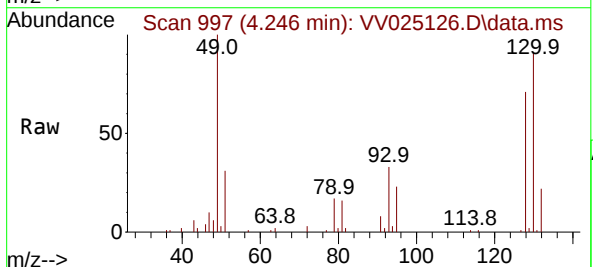
Instrument :
 BNA_P
 ClientSampleId :

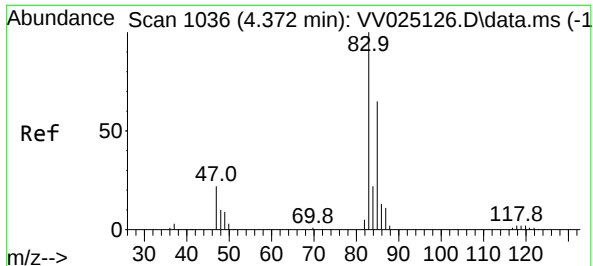
Tgt Ion: 96 Resp: 53889
 Ion Ratio Lower Upper
 96 100
 61 115.8 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.242 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VV025126.D
 Acq: 23 Mar 2022 11:58

Tgt Ion:128 Resp: 22554
 Ion Ratio Lower Upper
 128 100
 49 140.4 107.5 199.7
 130 127.5 89.4 166.0
 51 43.8 40.3 60.5





#25

Chloroform

Concen: 4.838 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

Instrument :

BNA_P

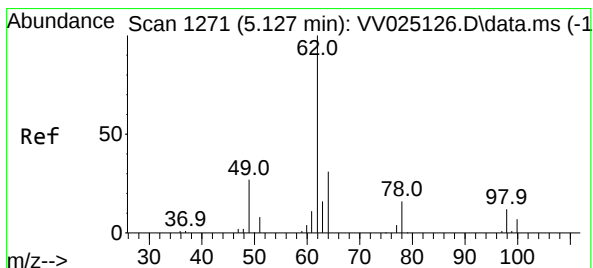
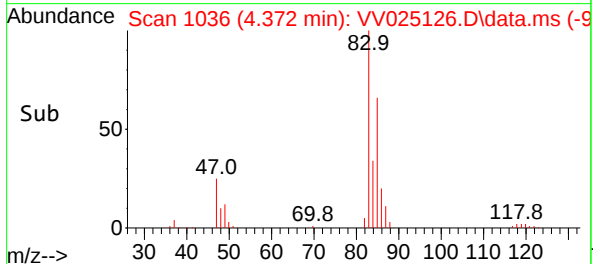
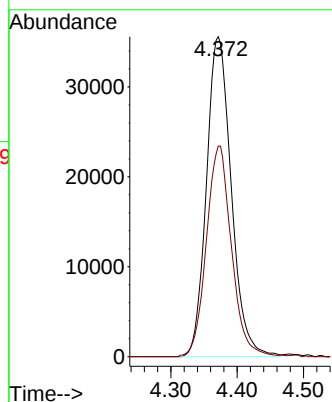
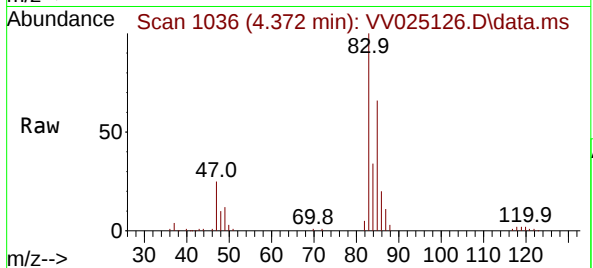
ClientSampleId :

Tgt Ion: 83 Resp: 92672

Ion Ratio Lower Upper

83 100

85 65.8 44.5 82.7



#27

1,2-Dichloroethane

Concen: 4.797 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV025126.D

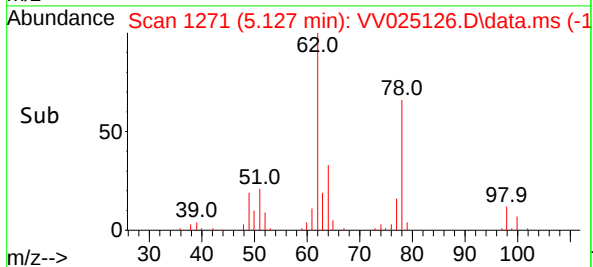
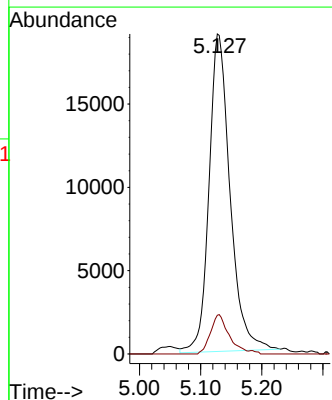
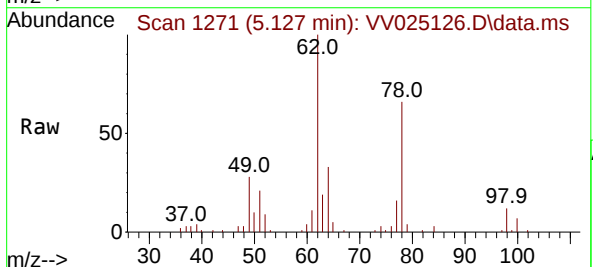
Acq: 23 Mar 2022 11:58

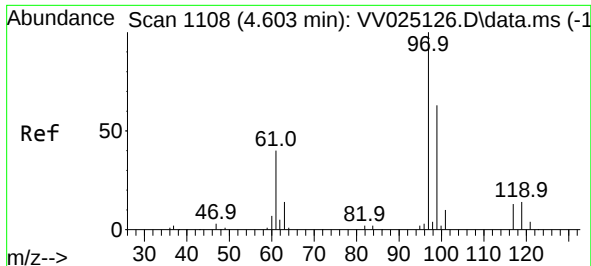
Tgt Ion: 62 Resp: 45682

Ion Ratio Lower Upper

62 100

98 12.1 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 4.882 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

Instrument :

BNA_P

ClientSampleId :

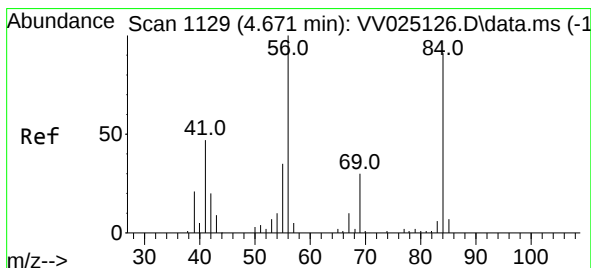
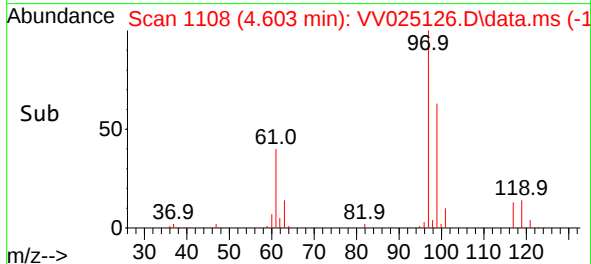
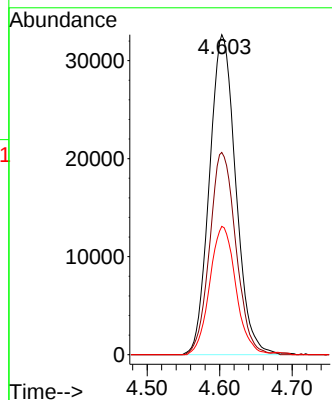
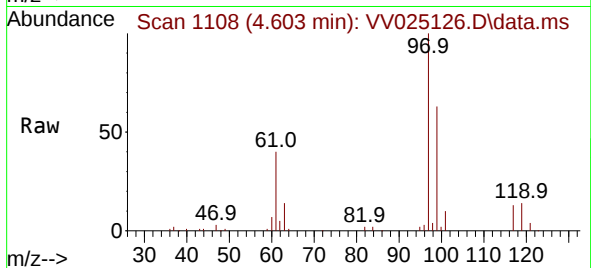
Tgt Ion: 97 Resp: 82327

Ion Ratio Lower Upper

97 100

99 63.2 50.7 76.1

61 39.8 32.4 48.6



#30

Cyclohexane

Concen: 4.649 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

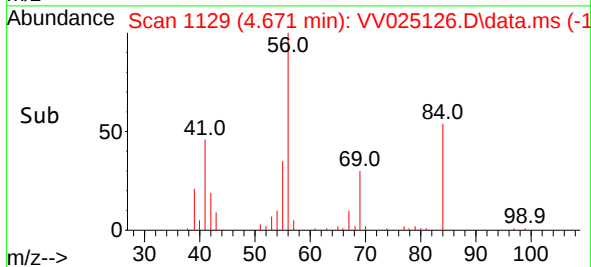
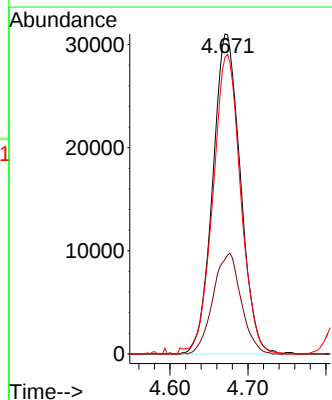
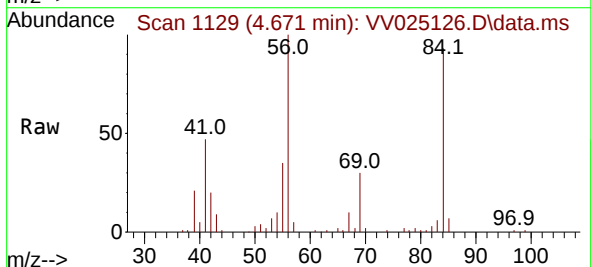
Tgt Ion: 56 Resp: 76267

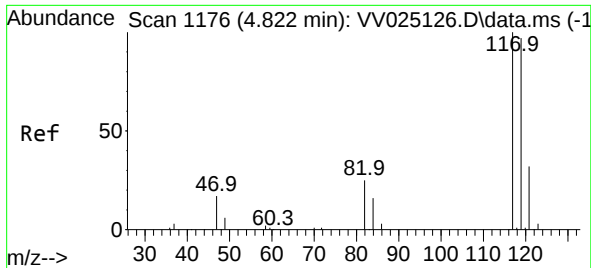
Ion Ratio Lower Upper

56 100

69 32.0 24.9 37.3

84 94.4 75.9 113.9

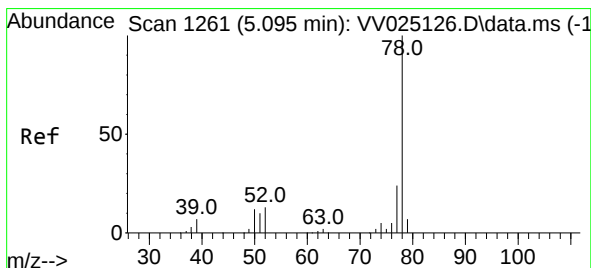
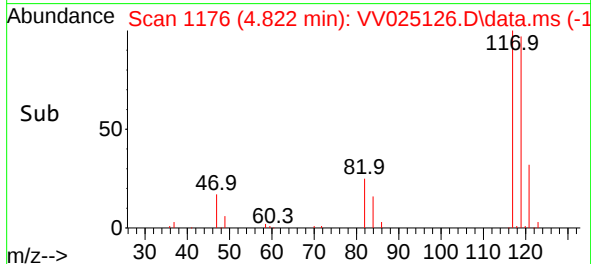
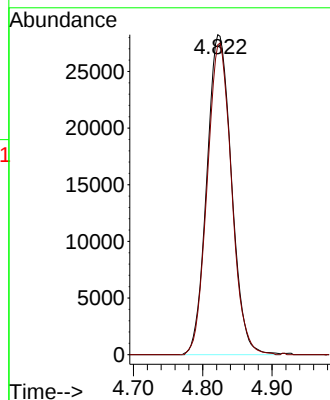
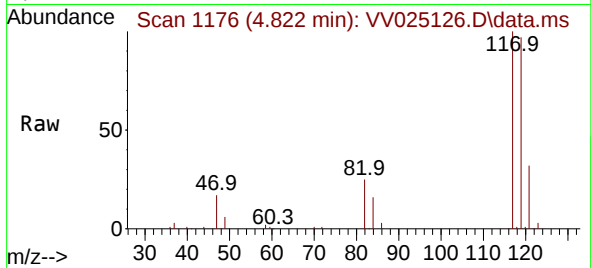




#31
Carbon tetrachloride
Concen: 4.836 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

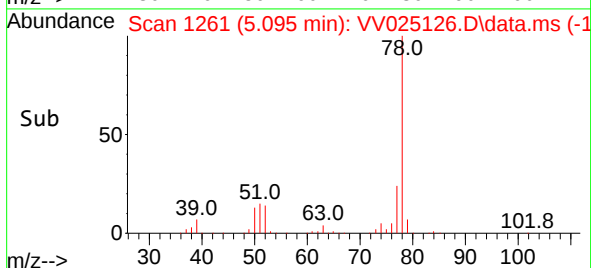
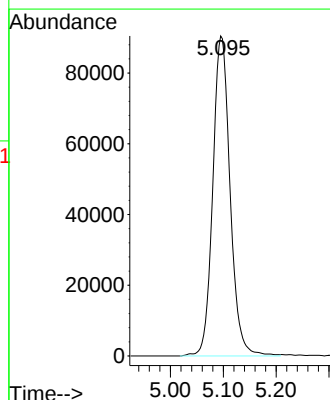
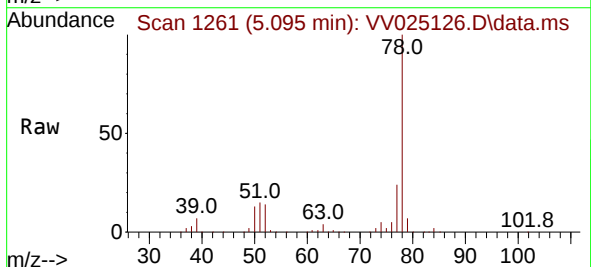
Instrument :
BNA_P
ClientSampleId :

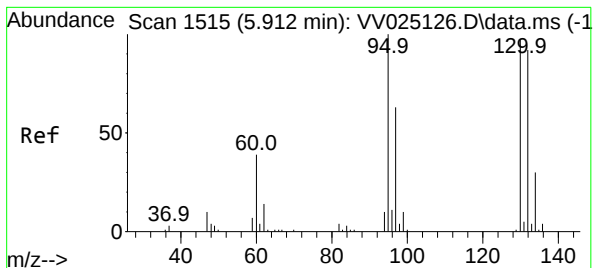
Tgt Ion:117 Resp: 69968
Ion Ratio Lower Upper
117 100
119 95.8 76.8 115.2



#33
Benzene
Concen: 4.791 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

Tgt Ion: 78 Resp: 206060





#34

Trichloroethene

Concen: 4.906 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 95 Resp: 56186

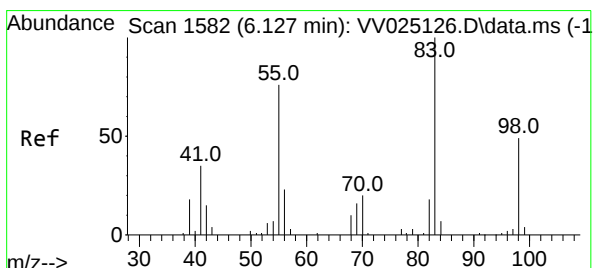
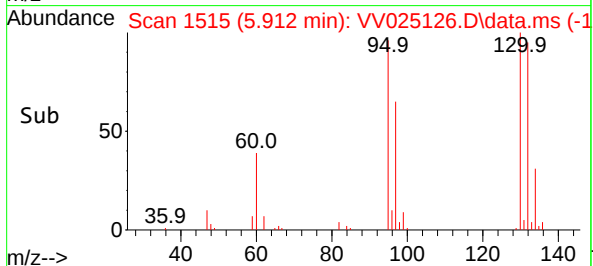
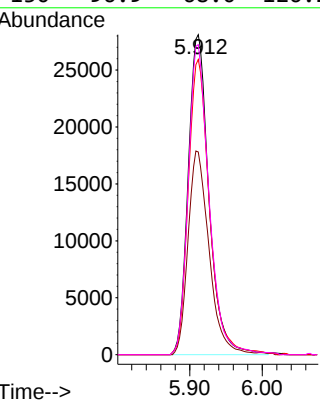
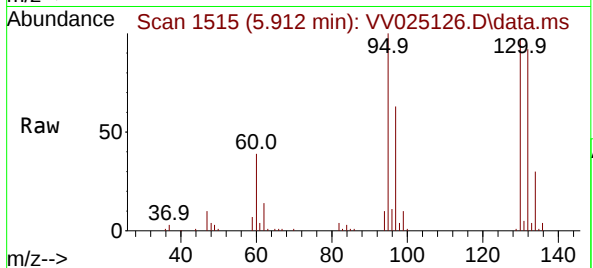
Ion Ratio Lower Upper

95 100

97 63.4 44.5 82.7

132 92.3 66.5 123.5

130 96.9 68.0 126.2



#35

Methylcyclohexane

Concen: 4.759 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

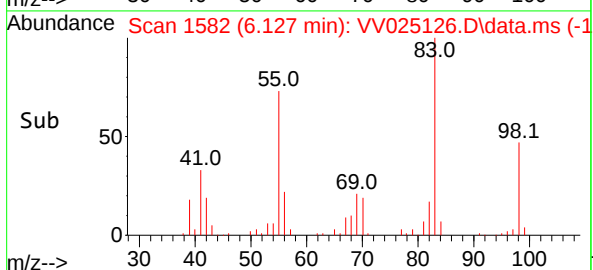
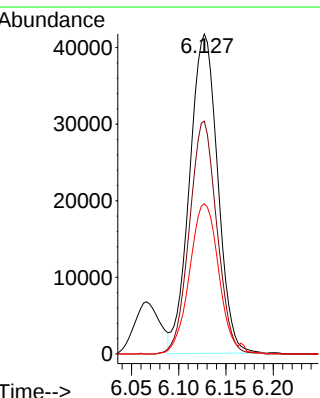
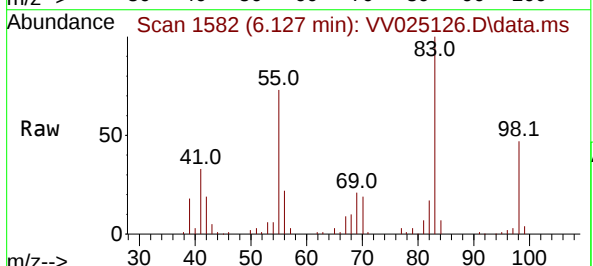
Tgt Ion: 83 Resp: 86269

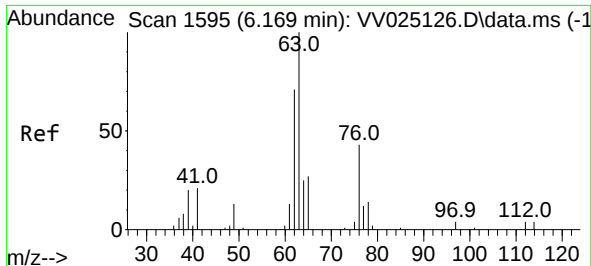
Ion Ratio Lower Upper

83 100

55 71.1 55.4 83.0

98 49.1 38.4 57.6





#37

1,2-Dichloropropane

Concen: 4.777 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

Instrument :

BNA_P

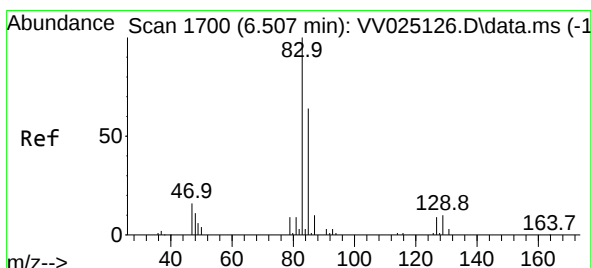
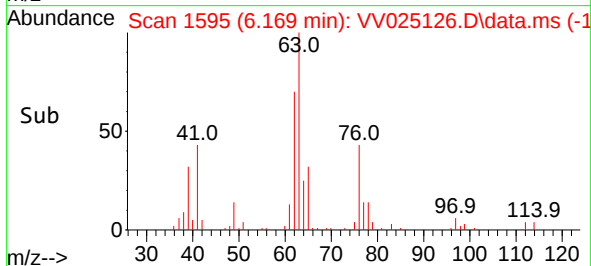
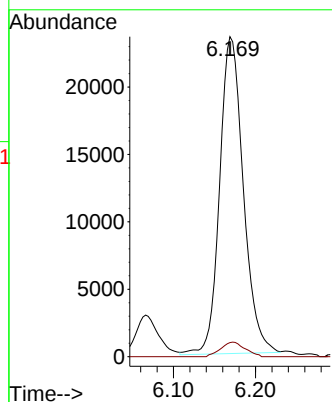
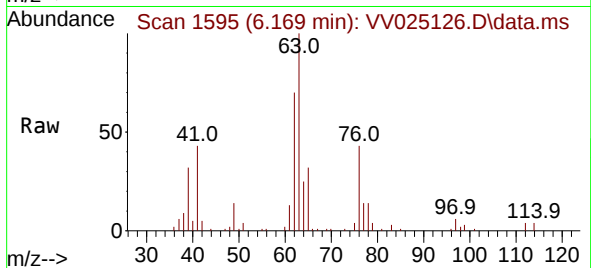
ClientSampleId :

Tgt Ion: 63 Resp: 47220

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 4.915 ug/L

RT: 6.507 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

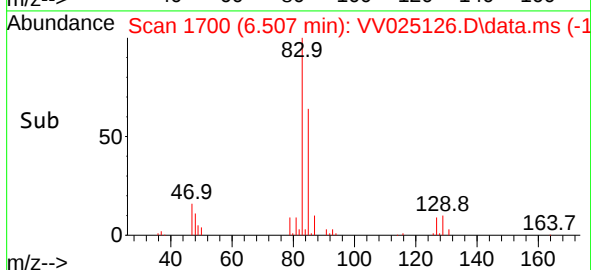
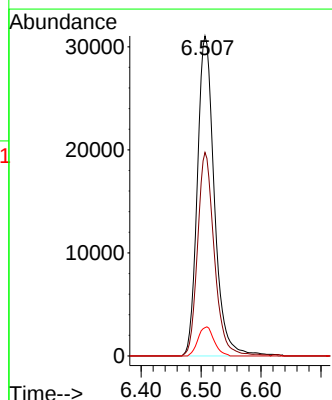
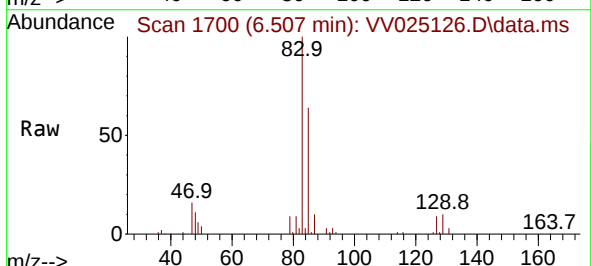
Tgt Ion: 83 Resp: 61427

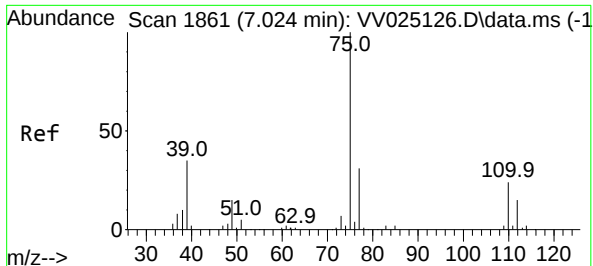
Ion Ratio Lower Upper

83 100

85 63.6 44.8 83.2

127 8.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.832 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

Instrument :

BNA_P

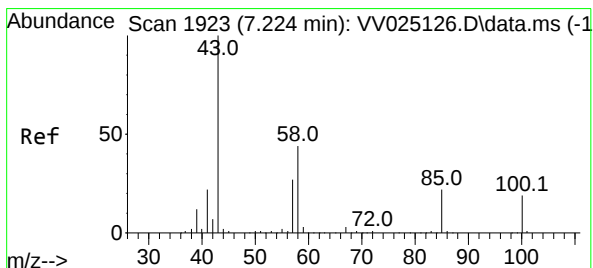
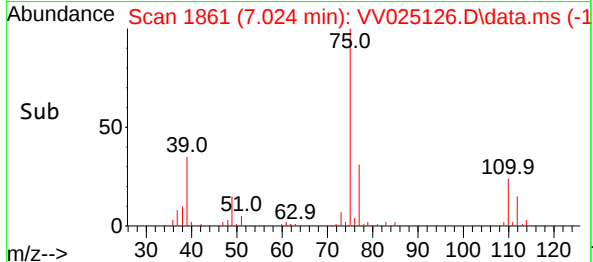
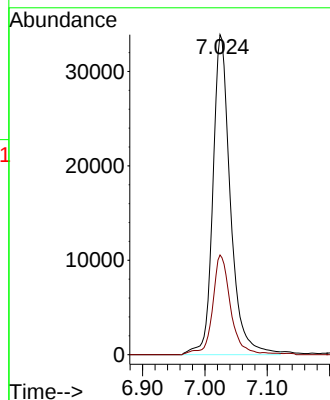
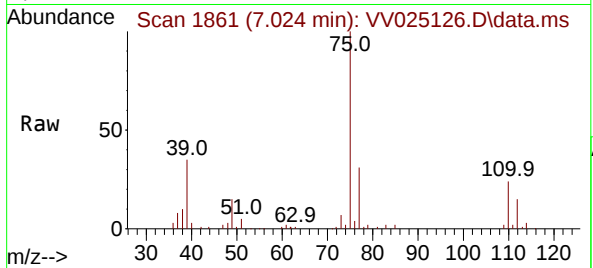
ClientSampleId :

Tgt Ion: 75 Resp: 66305

Ion Ratio Lower Upper

75 100

77 31.1 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 50.856 ug/L

RT: 7.224 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

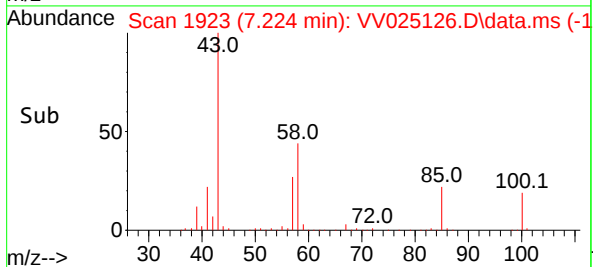
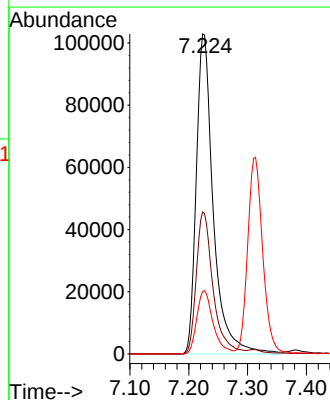
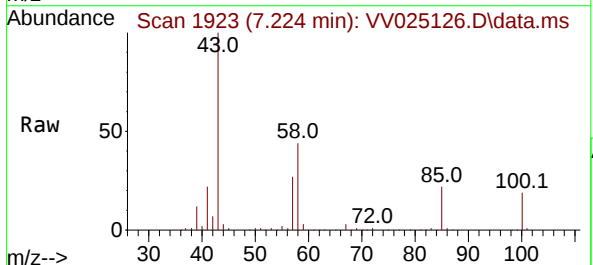
Tgt Ion: 43 Resp: 206830

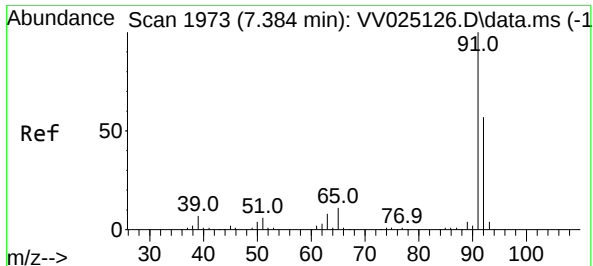
Ion Ratio Lower Upper

43 100

58 43.6 36.6 55.0

100 19.1 13.8 20.8





#42

Toluene

Concen: 4.917 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

Instrument :

BNA_P

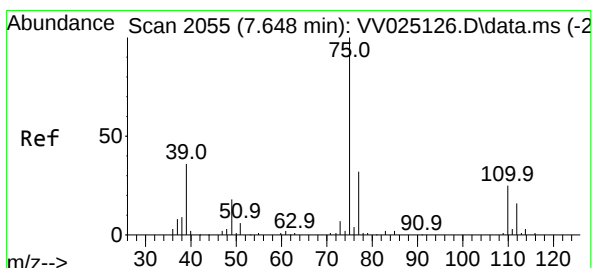
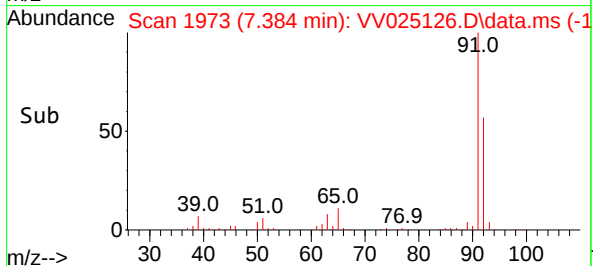
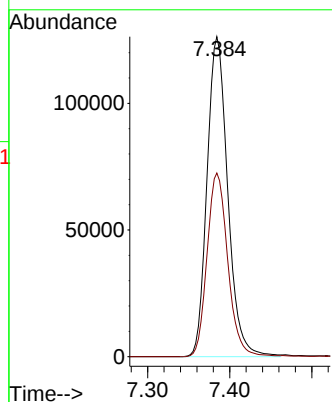
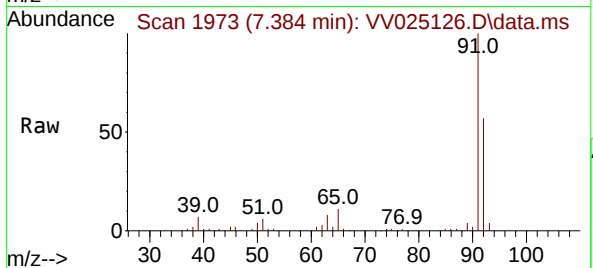
ClientSampleId :

Tgt Ion: 91 Resp: 221312

Ion Ratio Lower Upper

91 100

92 57.4 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.750 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV025126.D

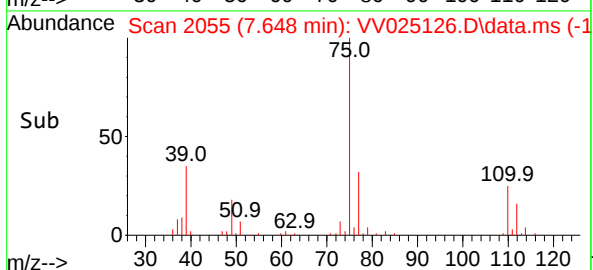
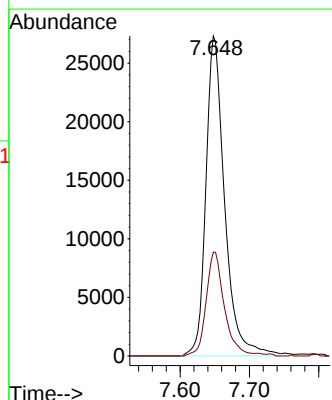
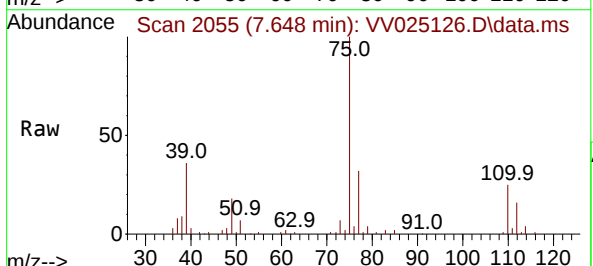
Acq: 23 Mar 2022 11:58

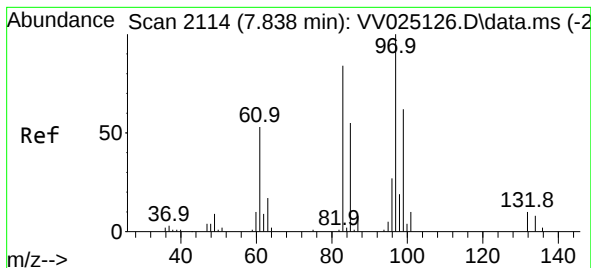
Tgt Ion: 75 Resp: 51288

Ion Ratio Lower Upper

75 100

77 32.5 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 5.069 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 97 Resp: 33461

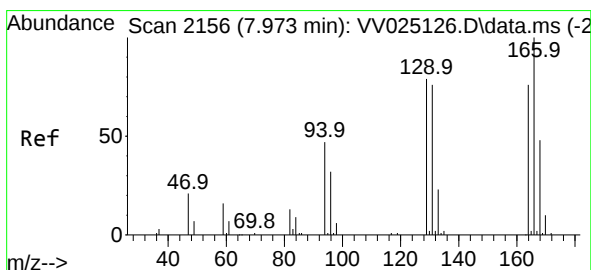
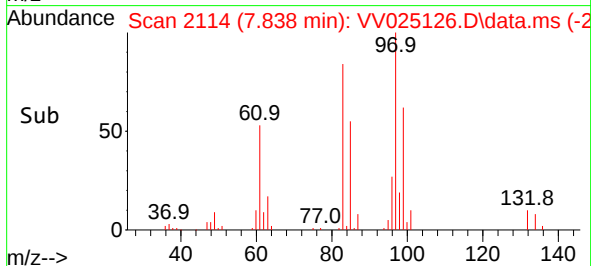
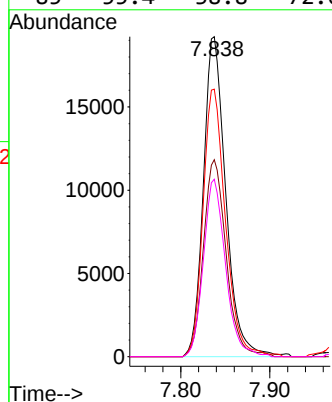
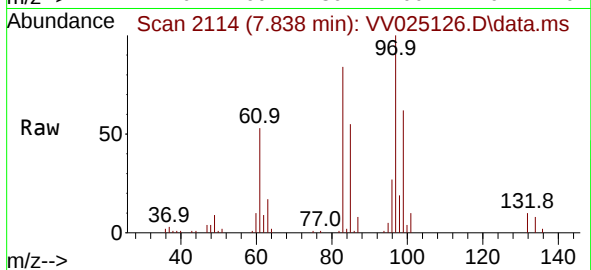
Ion Ratio Lower Upper

97 100

99 61.5 43.7 81.1

83 83.6 58.9 109.3

85 55.4 38.8 72.0



#47

Tetrachloroethene

Concen: 4.767 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

Tgt Ion:164 Resp: 38403

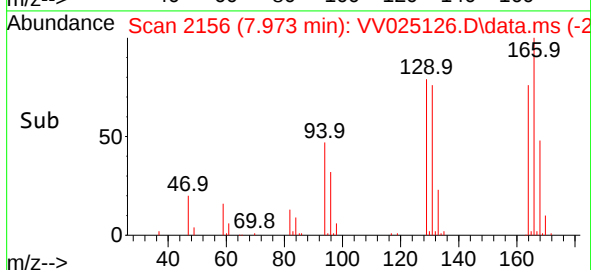
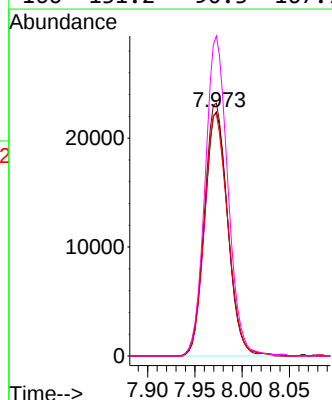
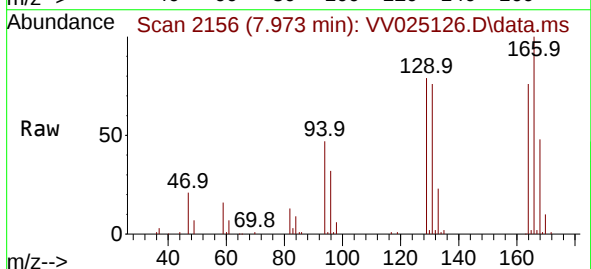
Ion Ratio Lower Upper

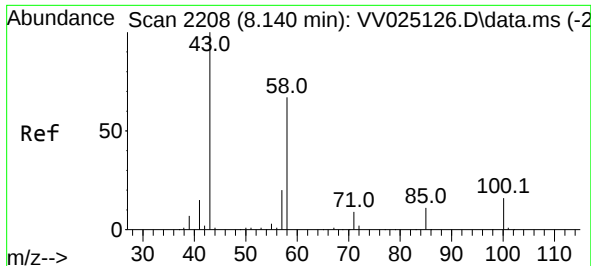
164 100

129 103.6 70.3 130.7

131 99.1 69.4 129.0

166 131.2 90.3 167.7

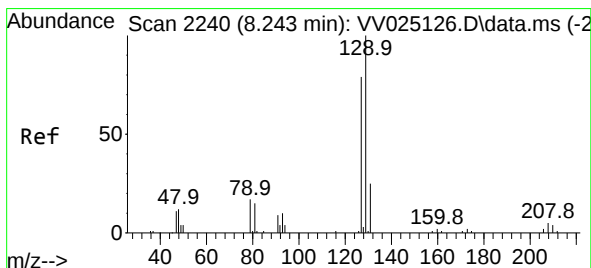
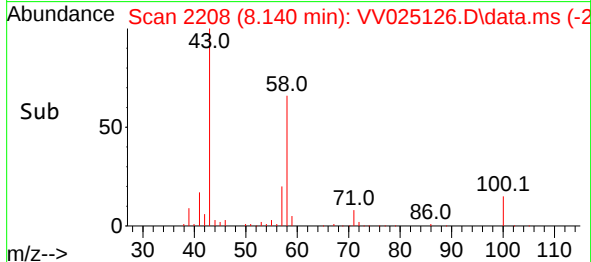
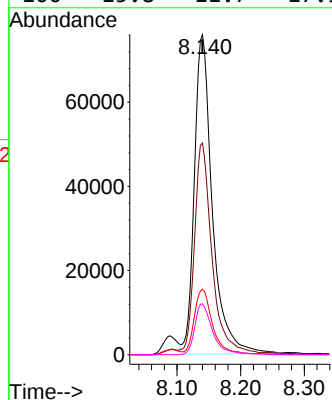
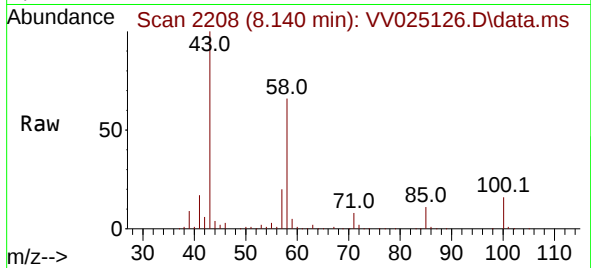




#48
2-Hexanone
Concen: 51.781 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

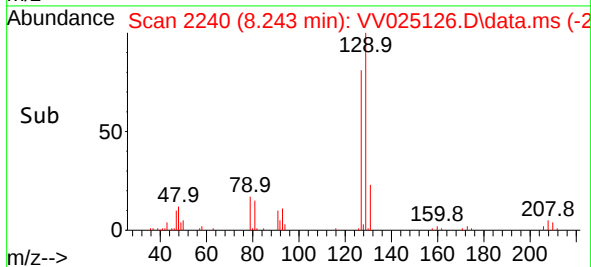
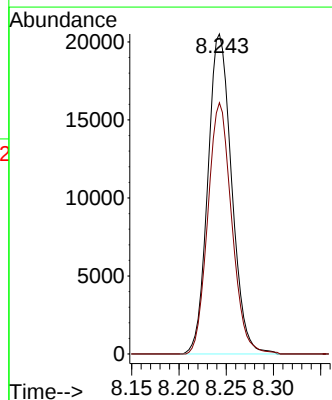
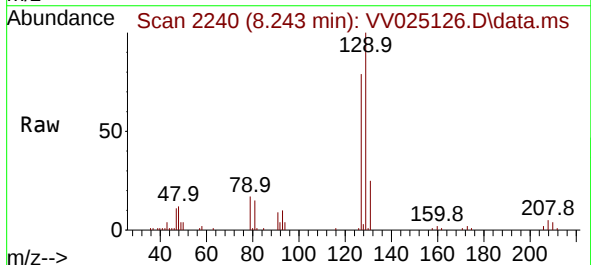
Instrument :
BNA_P
ClientSampleId :

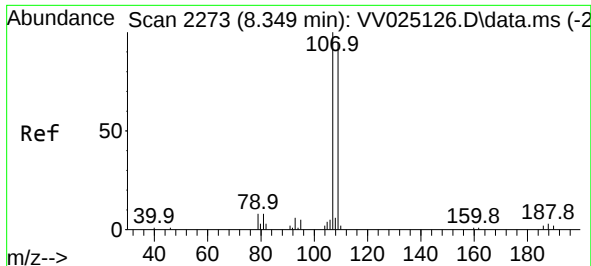
Tgt Ion: 43	Resp: 149300
Ion Ratio	Lower Upper
43 100	
58 63.4	49.2 73.8
57 20.2	16.0 24.0
100 15.8	11.7 17.5



#49
Dibromochloromethane
Concen: 4.864 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

Tgt Ion:129	Resp:	35940	
Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.030 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025126.D

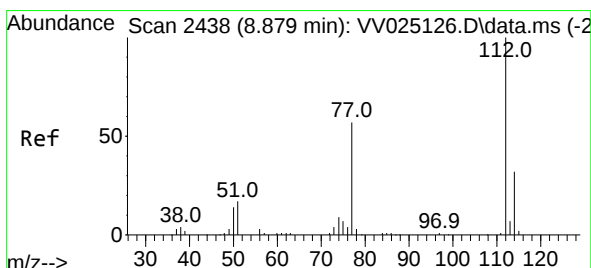
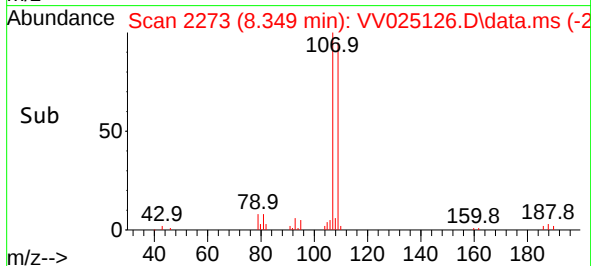
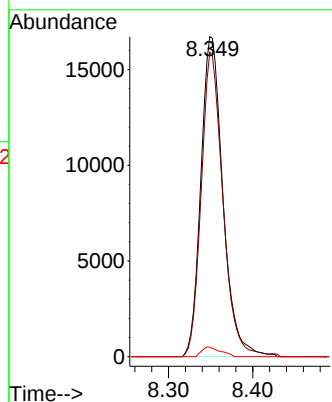
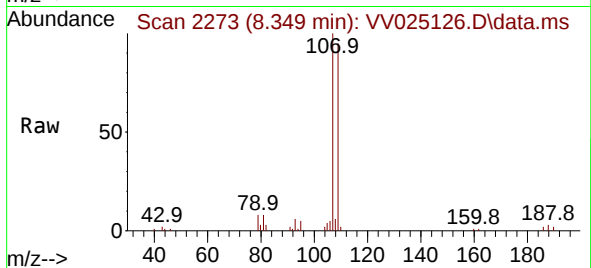
Acq: 23 Mar 2022 11:58

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	107	Resp:	30391
Ion	Ratio	Lower	Upper
107	100		
109	95.1	65.5	121.6
188	3.0	2.4	3.6



#51

Chlorobenzene

Concen: 4.891 ug/L

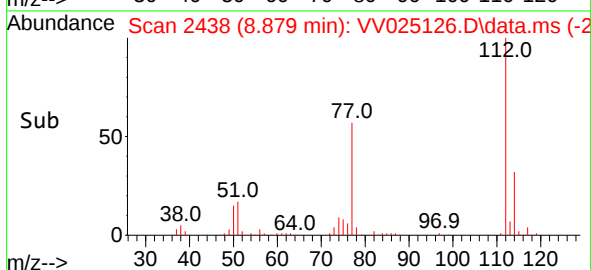
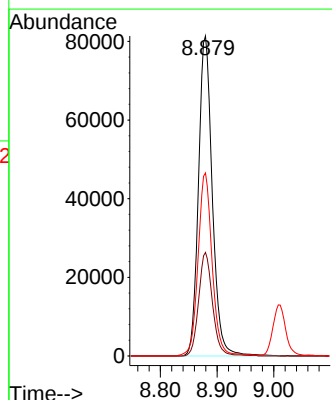
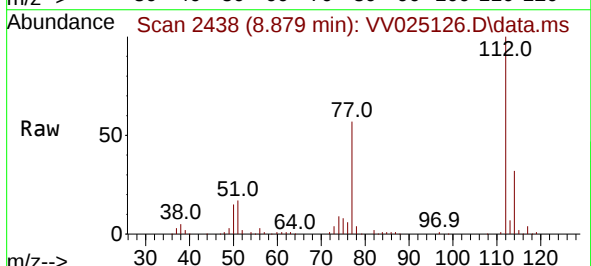
RT: 8.879 min Scan# 2438

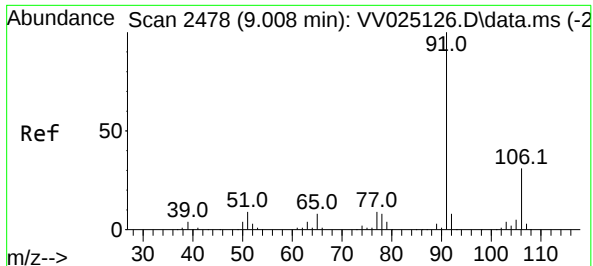
Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

Tgt Ion:	112	Resp:	137843
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.5	41.7
77	57.2	45.3	67.9





#52

Ethylbenzene

Concen: 4.909 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

Instrument :

BNA_P

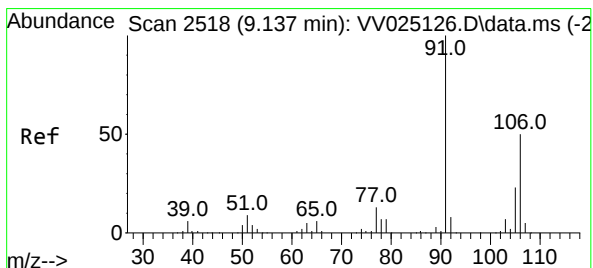
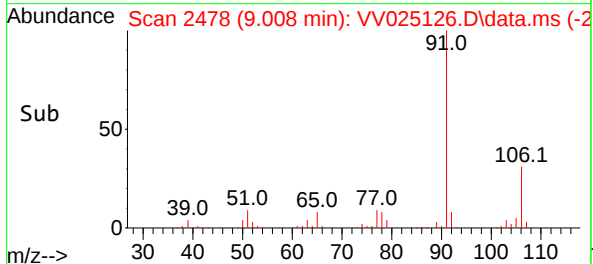
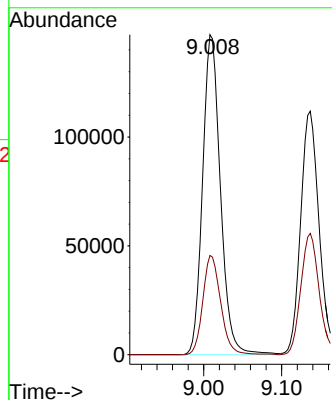
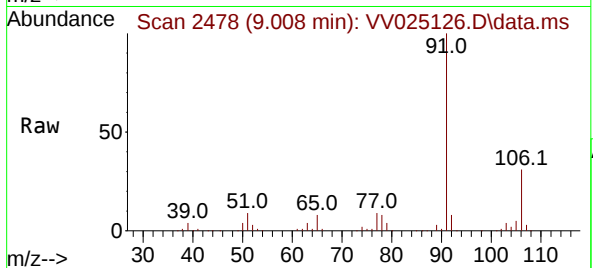
ClientSampleId :

Tgt Ion: 91 Resp: 233738

Ion Ratio Lower Upper

91 100

106 31.0 21.9 40.7



#53

m,p-xylene

Concen: 5.042 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV025126.D

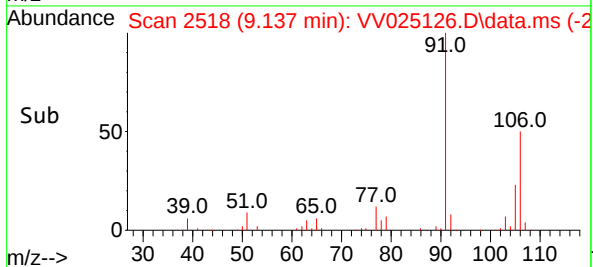
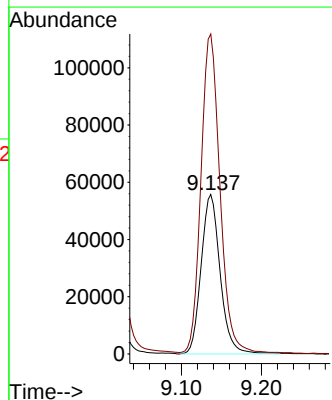
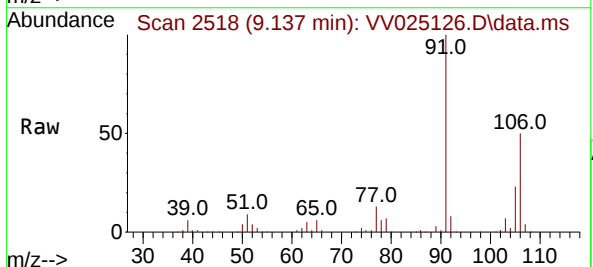
Acq: 23 Mar 2022 11:58

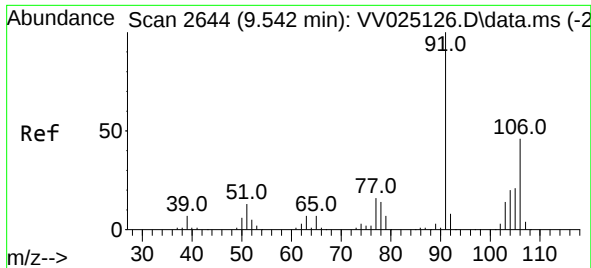
Tgt Ion:106 Resp: 92450

Ion Ratio Lower Upper

106 100

91 200.7 143.4 266.4

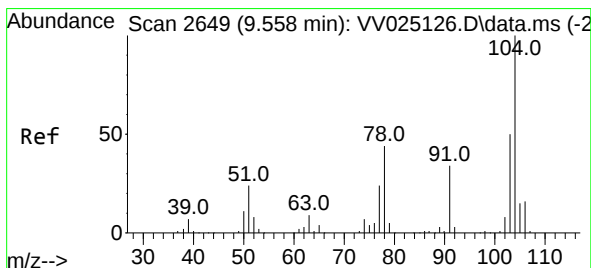
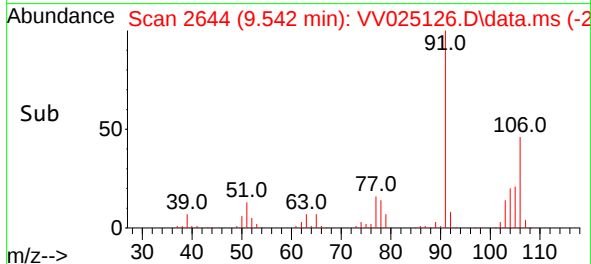
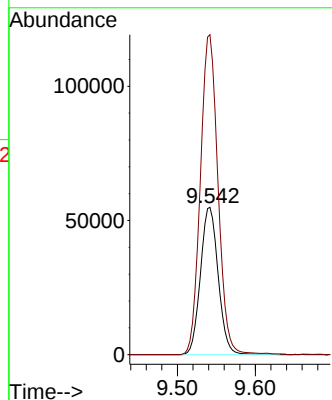
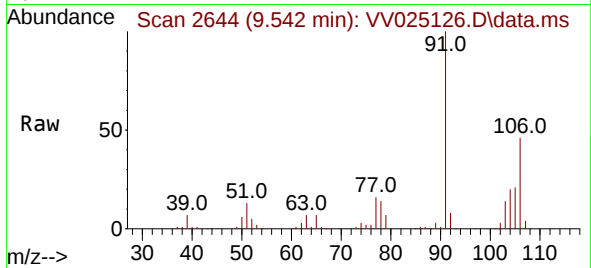




#54
o-xylene
Concen: 4.943 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

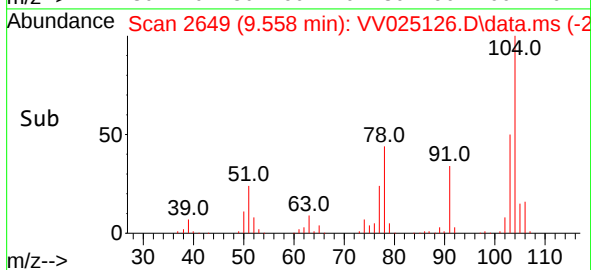
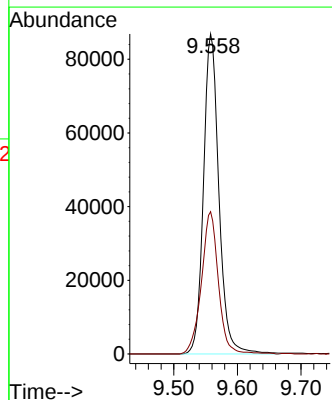
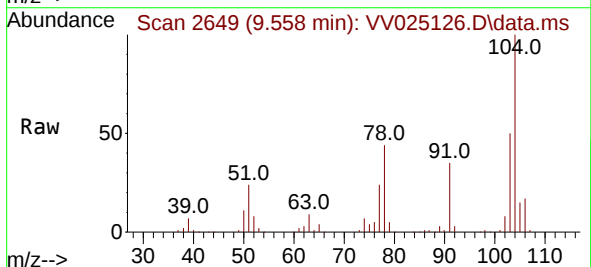
Instrument :
BNA_P
ClientSampleId :

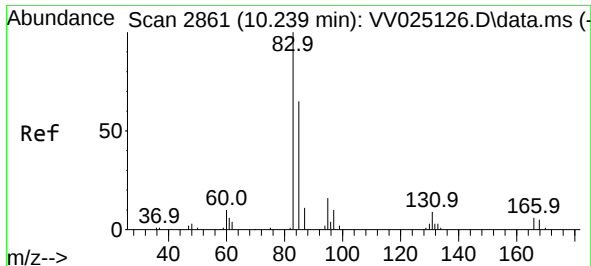
Tgt Ion:106 Resp: 86673
Ion Ratio Lower Upper
106 100
91 217.2 146.7 272.5



#55
Styrene
Concen: 5.126 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

Tgt Ion:104 Resp: 146398
Ion Ratio Lower Upper
104 100
78 44.4 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.046 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

Instrument :

BNA_P

ClientSampleId :

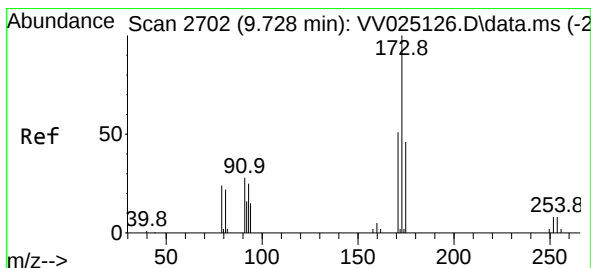
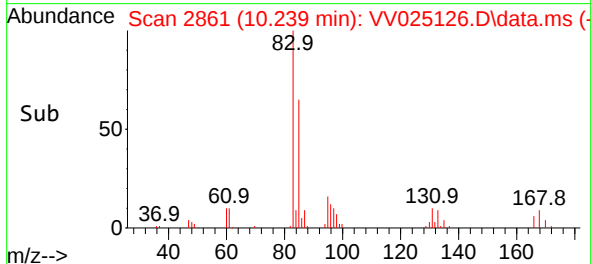
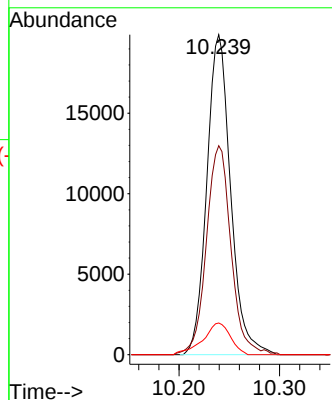
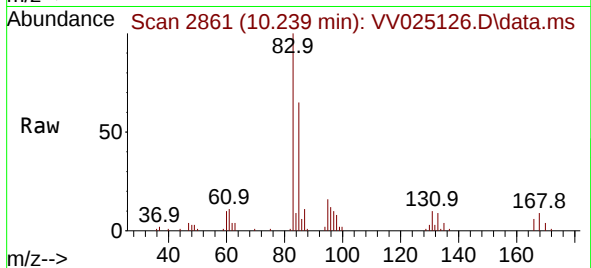
Tgt Ion: 83 Resp: 32656

Ion Ratio Lower Upper

83 100

85 65.3 43.9 81.5

131 9.9 7.5 11.3



#59

Bromoform

Concen: 4.618 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

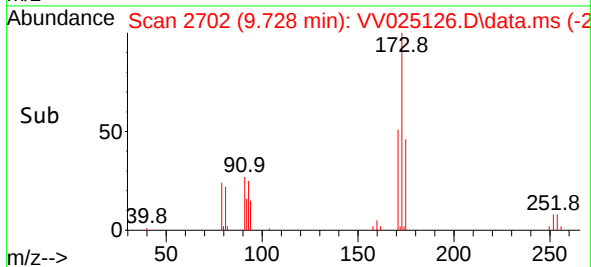
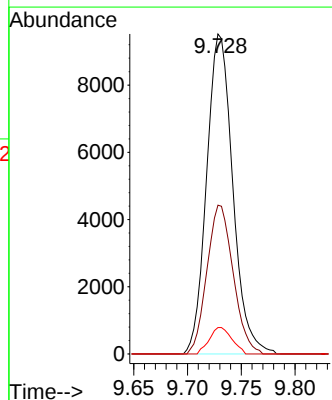
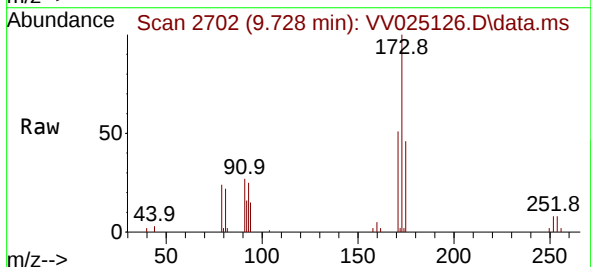
Tgt Ion: 173 Resp: 16095

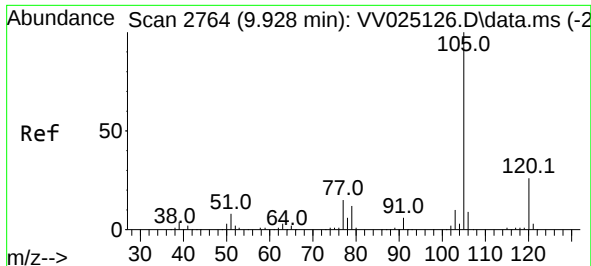
Ion Ratio Lower Upper

173 100

175 46.5 37.8 56.8

254 7.1 5.8 8.6

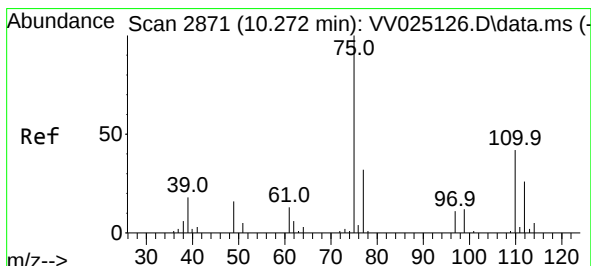
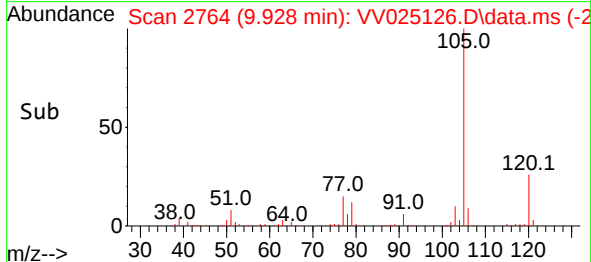
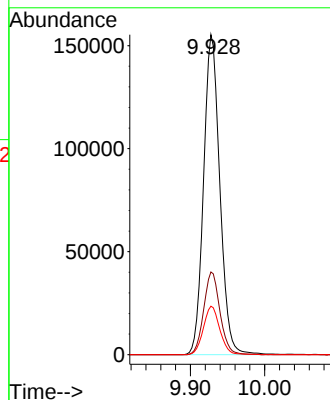
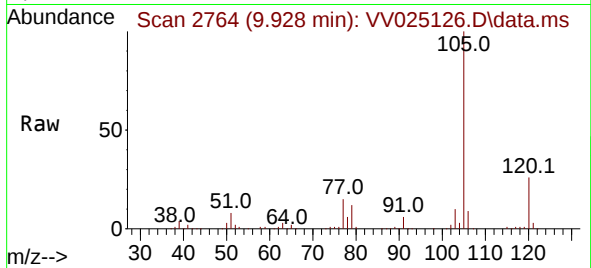




#60
Isopropylbenzene
Concen: 4.841 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

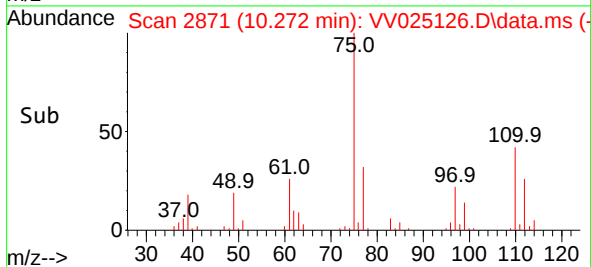
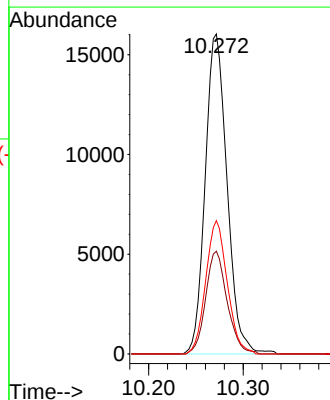
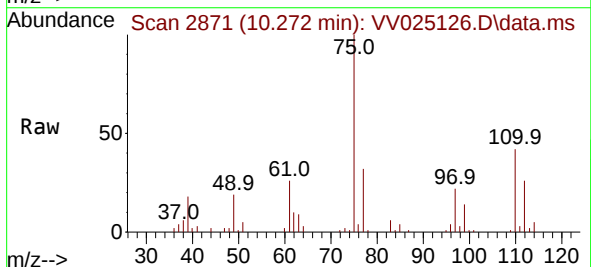
Instrument :
BNA_P
ClientSampleId :

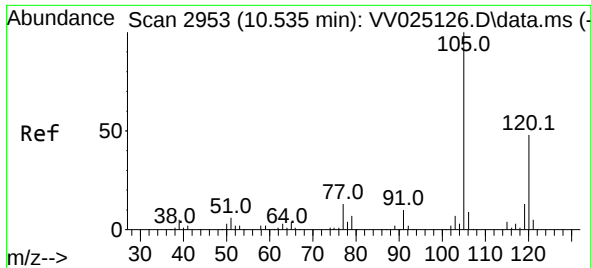
Tgt Ion:105 Resp: 236230
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.736 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

Tgt Ion: 75 Resp: 25771
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
110 41.0 31.2 46.8

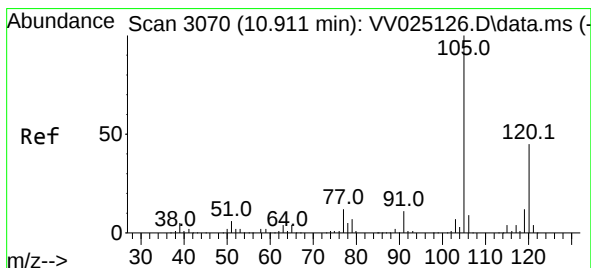
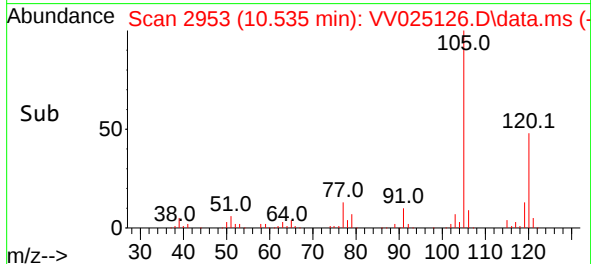
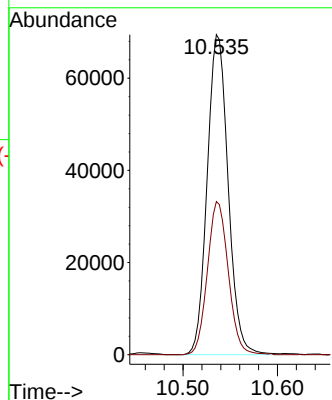
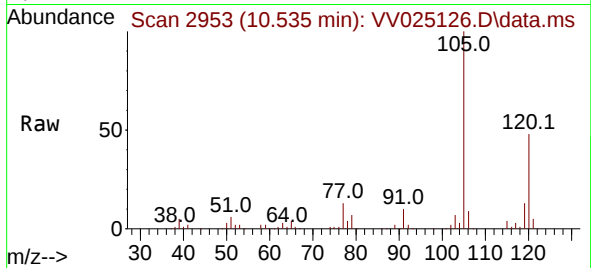




#62
 1,3,5-Trimethylbenzene
 Concen: 4.834 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. 0.000 min
 Lab File: VV025126.D
 Acq: 23 Mar 2022 11:58

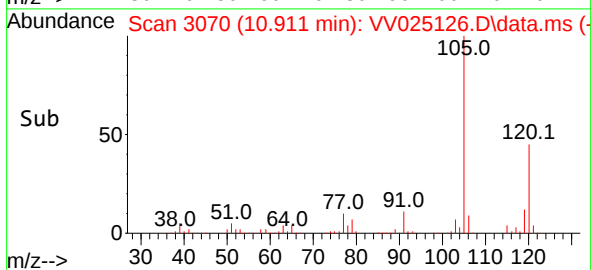
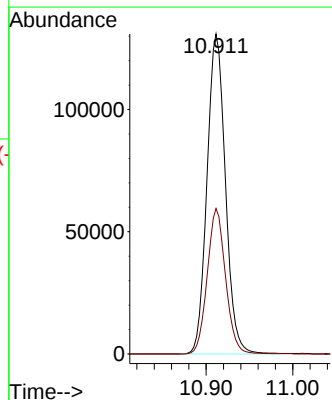
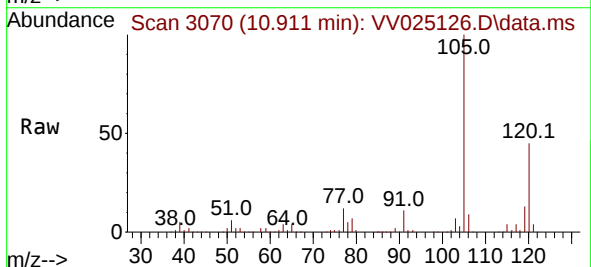
Instrument :
 BNA_P
 ClientSampleId :

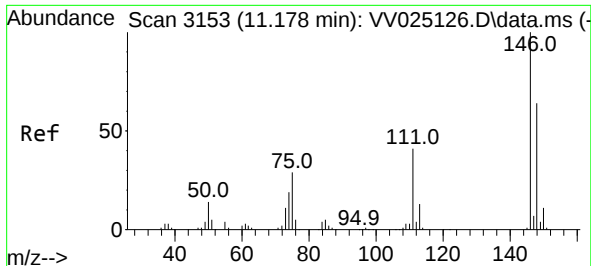
Tgt Ion:105 Resp: 107052
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 4.929 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV025126.D
 Acq: 23 Mar 2022 11:58

Tgt Ion:105 Resp: 193306
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.8 53.8

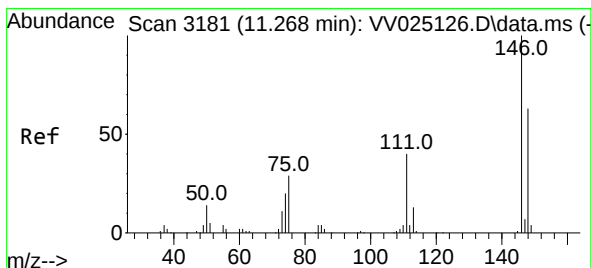
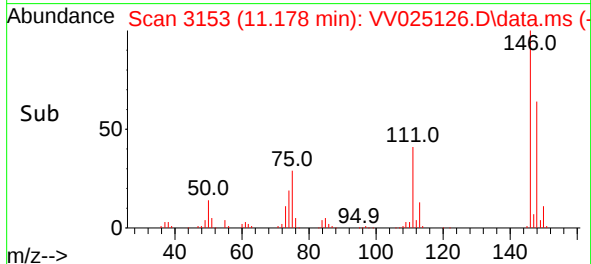
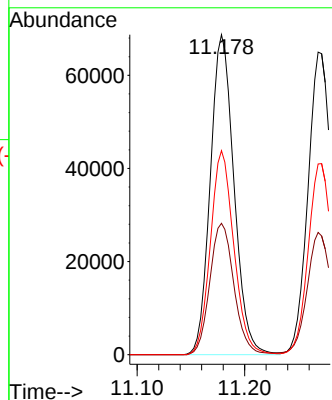
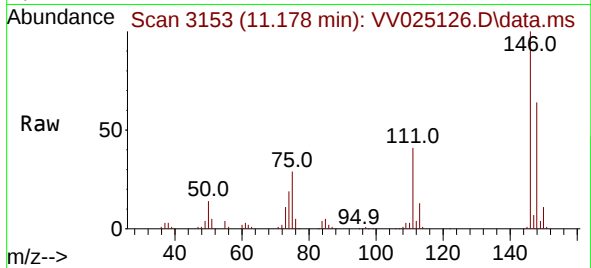




#64
1,3-Dichlorobenzene
Concen: 4.968 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

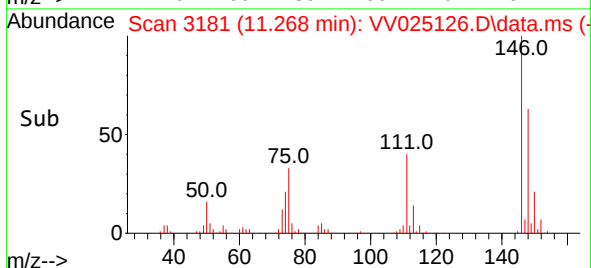
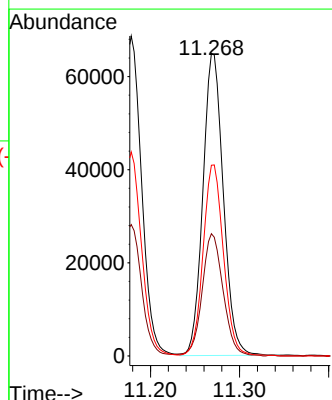
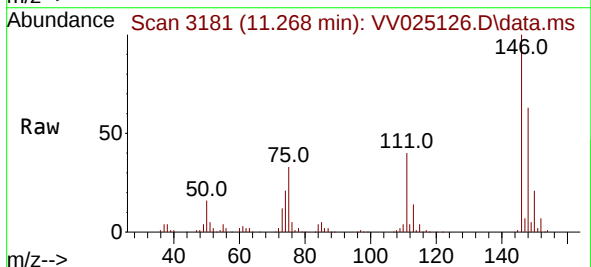
Instrument :
BNA_P
ClientSampleId :

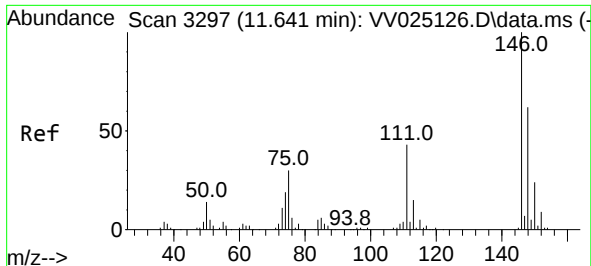
Tgt Ion:146 Resp: 105173
Ion Ratio Lower Upper
146 100
111 41.0 29.2 54.2
148 63.8 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.840 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

Tgt Ion:146 Resp: 103289
Ion Ratio Lower Upper
146 100
111 40.4 28.2 52.4
148 63.0 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 4.910 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

Instrument :

BNA_P

ClientSampleId :

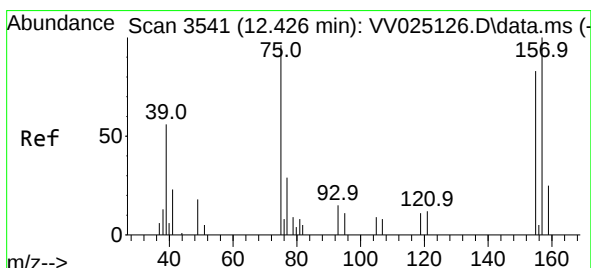
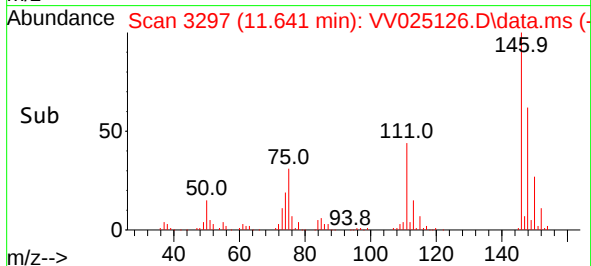
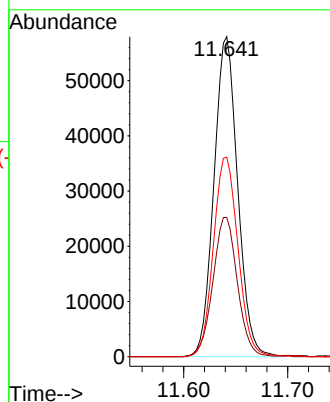
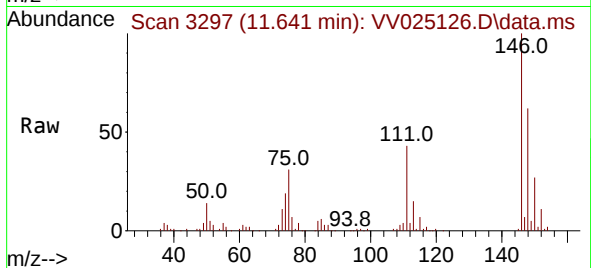
Tgt Ion:146 Resp: 92099

Ion Ratio Lower Upper

146 100

111 43.5 35.5 53.3

148 62.4 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.851 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025126.D

Acq: 23 Mar 2022 11:58

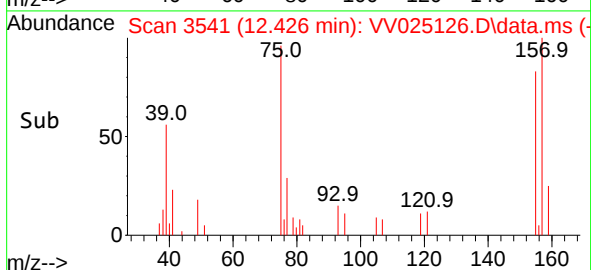
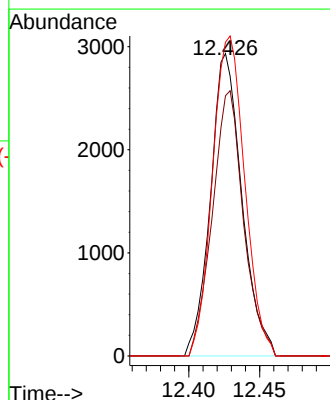
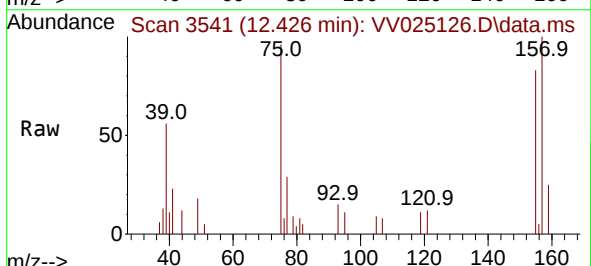
Tgt Ion: 75 Resp: 4525

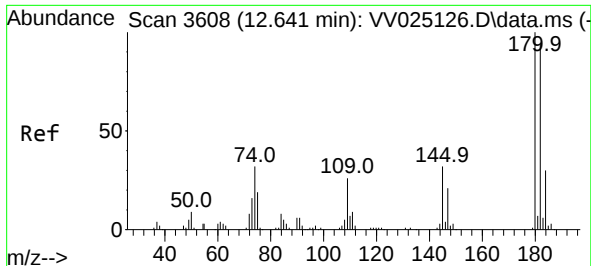
Ion Ratio Lower Upper

75 100

155 86.0 65.9 98.9

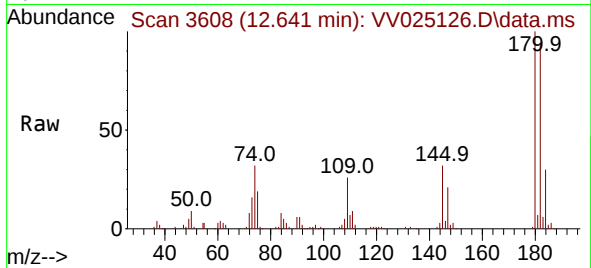
157 103.8 89.7 134.5



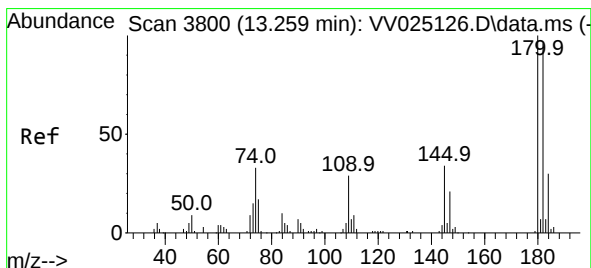
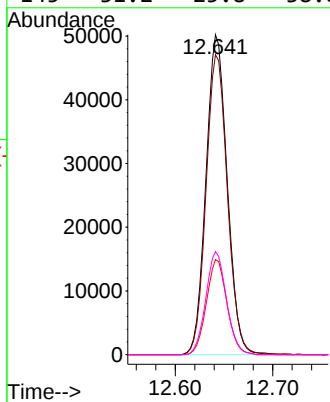
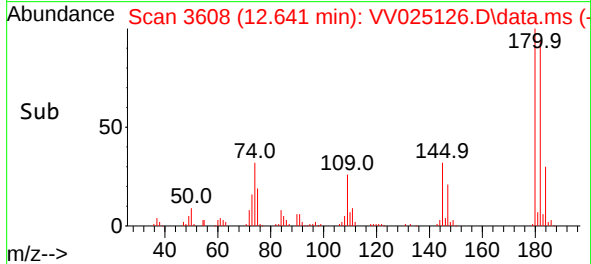


#69
 1,3,5-Trichlorobenzene
 Concen: 5.085 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV025126.D
 Acq: 23 Mar 2022 11:58

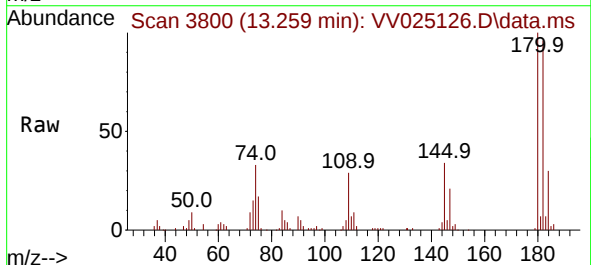
Instrument :
 BNA_P
 ClientSampleId :



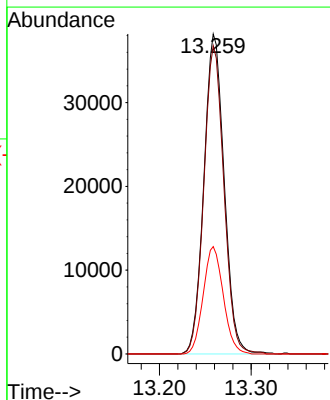
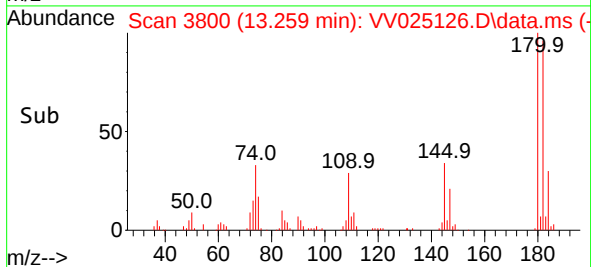
Tgt Ion:180 Resp: 76026
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.4 113.0
 184 28.9 24.2 36.4
 145 31.2 25.8 38.8

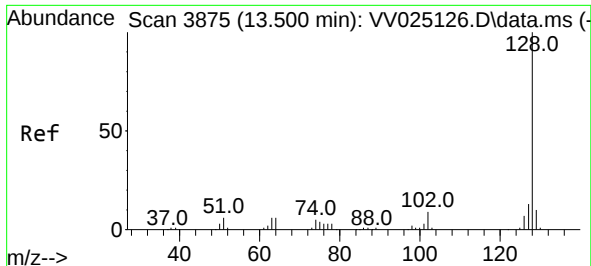


#70
 1,2,4-trichlorobenzene
 Concen: 5.035 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025126.D
 Acq: 23 Mar 2022 11:58



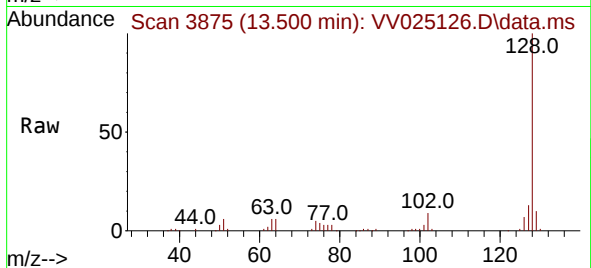
Tgt Ion:180 Resp: 58653
 Ion Ratio Lower Upper
 180 100
 182 94.9 74.6 112.0
 145 33.2 26.1 39.1



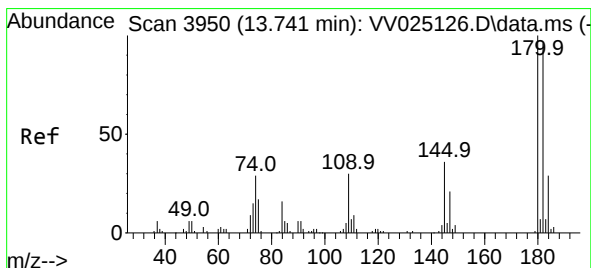
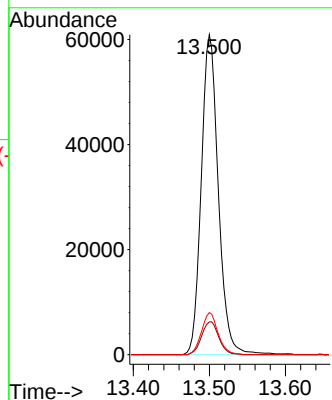
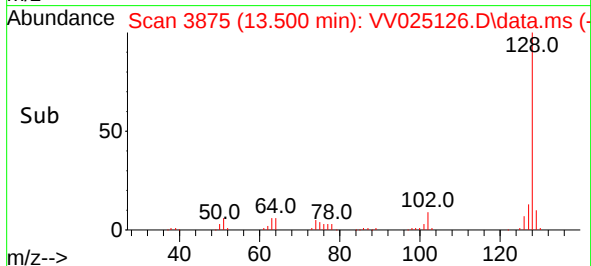


#71
Naphthalene
Concen: 4.903 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58

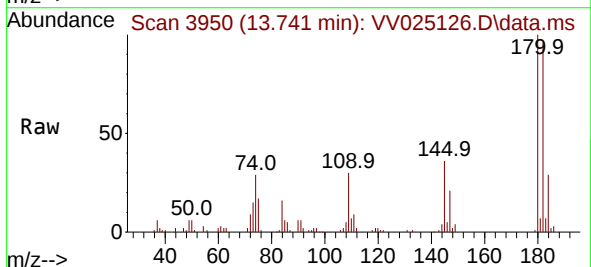
Instrument :
BNA_P
ClientSampleId :



Tgt Ion:128 Resp: 94846
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 12.7 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.014 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025126.D
Acq: 23 Mar 2022 11:58



Tgt Ion:180 Resp: 49494
Ion Ratio Lower Upper
180 100
182 94.8 74.8 112.2
145 35.9 27.6 41.4

