

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092622\
 Data File : VV028127.D
 Acq On : 26 Sep 2022 19:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 26 21:32:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 26 21:28:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	186367	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	182953	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102744	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	73103	3.784	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.561	69	64045	4.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.101	63	121994	3.640	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.886	46	183716	56.322	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.640%
24) Chloroform-d	4.342	84	145053	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.027	65	70673	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.043	84	269148	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.066	67	86028	4.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.310	98	234478	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.619	79	31185	4.616	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.085	63	152705	54.161	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	65083	5.091	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	90096	4.471	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	66277	4.762	ug/L	91
3) Chloromethane	1.236	50	64268	3.486	ug/L	97
5) Vinyl chloride	1.304	62	73783	5.105	ug/L	99
6) Bromomethane	1.516	94	43620	4.635	ug/L	96
8) Chloroethane	1.580	64	45963	4.743	ug/L	98
9) Trichlorofluoromethane	1.748	101	111014	4.838	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	64063	4.845	ug/L	100
12) 1,1-Dichloroethene	2.111	96	56368	4.377	ug/L	87
13) Acetone	2.179	43	100625	40.050	ug/L	98
14) Carbon disulfide	2.288	76	114292	4.624	ug/L	99
15) Methyl Acetate	2.433	43	25085	5.143	ug/L	95
16) Methylene chloride	2.500	84	79620	5.538	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	143243	5.170	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	56879	5.045	ug/L	97
19) 1,1-Dichloroethane	3.182	63	127259	5.174	ug/L	98
21) 2-Butanone	3.969	43	147912	47.551	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	69501	4.698	ug/L	98
23) Bromochloromethane	4.239	128	30232	5.104	ug/L	91
25) Chloroform	4.368	83	134953	5.113	ug/L	100

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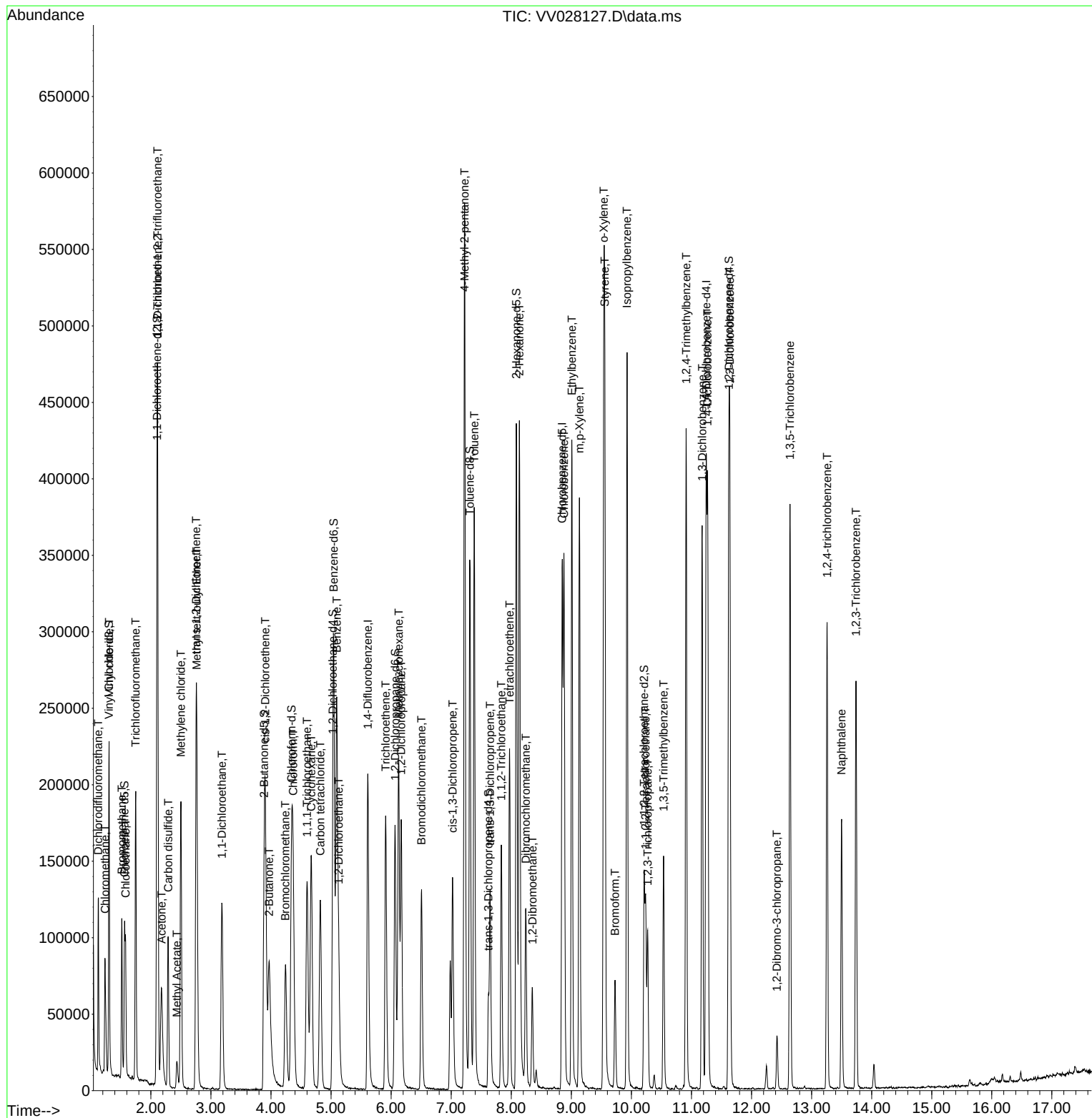
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	74073	5.263	ug/L #	95
29) 1,1,1-Trichloroethane	4.600	97	115159	5.123	ug/L	98
30) Cyclohexane	4.670	56	78399	4.822	ug/L	95
31) Carbon tetrachloride	4.821	117	94461	5.106	ug/L	98
33) Benzene	5.095	78	263469	5.186	ug/L	100
34) Trichloroethene	5.908	95	64662	5.113	ug/L	96
35) Methylcyclohexane	6.127	83	85422	4.925	ug/L	96
37) 1,2-Dichloropropane	6.169	63	70544	4.953	ug/L	99
38) Bromodichloromethane	6.506	83	91064	5.179	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	89675	5.069	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	375502	54.293	ug/L	99
42) Toluene	7.384	91	282292	5.327	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	76650	5.038	ug/L	93
45) 1,1,2-Trichloroethane	7.834	97	50610	5.301	ug/L	99
47) Tetrachloroethene	7.972	164	50905	5.043	ug/L	95
48) 2-Hexanone	8.136	43	266777	50.810	ug/L	97
49) Dibromochloromethane	8.243	129	60334	5.256	ug/L	99
50) 1,2-Dibromoethane	8.352	107	43281	5.217	ug/L	98
51) Chlorobenzene	8.879	112	190098	5.348	ug/L	99
52) Ethylbenzene	9.008	91	289418	5.162	ug/L	98
53) m,p-Xylene	9.136	106	111638	5.196	ug/L	98
54) o-Xylene	9.542	106	109737	5.172	ug/L	98
55) Styrene	9.558	104	200018	5.441	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	58771	5.283	ug/L	100
59) Bromoform	9.728	173	32131	4.926	ug/L	99
60) Isopropylbenzene	9.927	105	301255	4.995	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	42540	4.937	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	79881	4.703	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	231983	4.886	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	156568	5.217	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	152087	5.065	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	144330	5.091	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.422	75	9165	4.852	ug/L	89
69) 1,3,5-Trichlorobenzene	12.641	180	117526	4.948	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	96613	5.086	ug/L	99
71) Naphthalene	13.500	128	143199	4.603	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	85520	4.977	ug/L	98

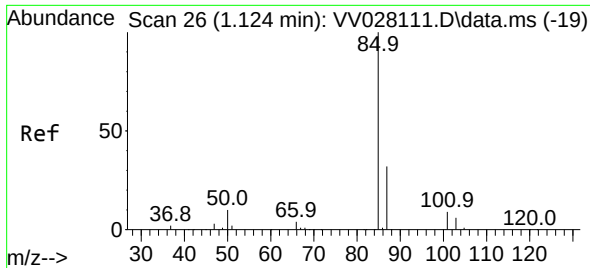
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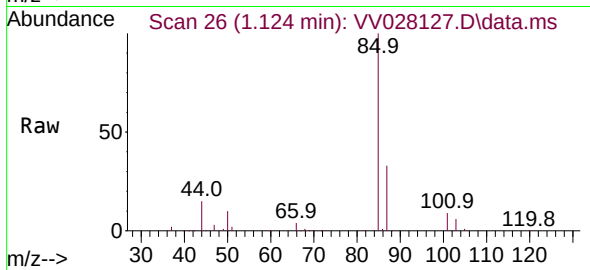
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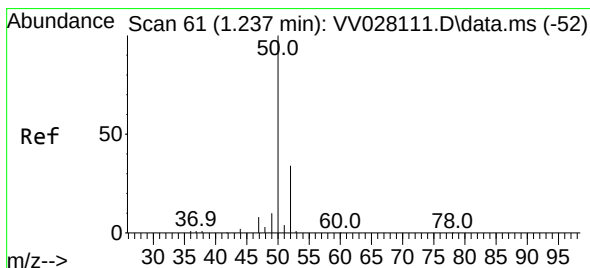
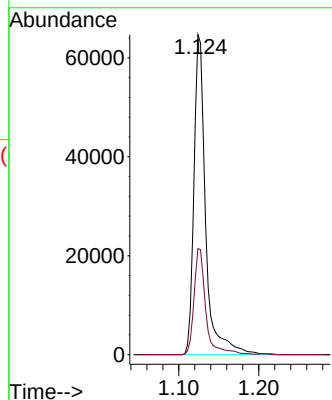
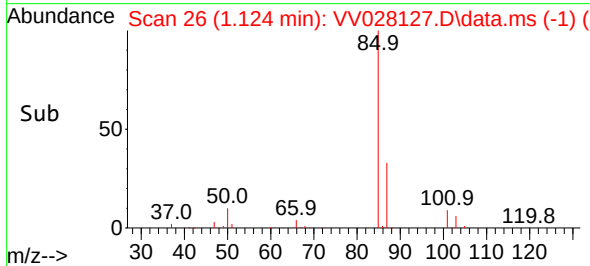


#2
 Dichlorodifluoromethane
 Concen: 4.762 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV028127.D
 Acq: 26 Sep 2022 19:58

Instrument :
 MSVOA_V
 ClientSampleId :

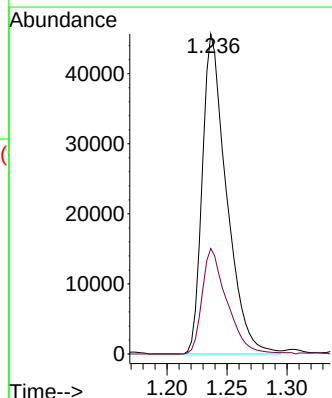
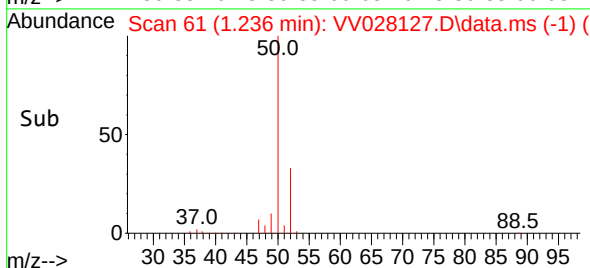
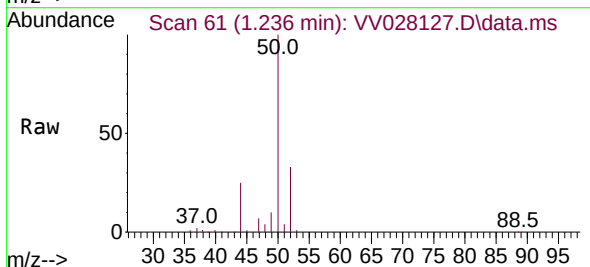


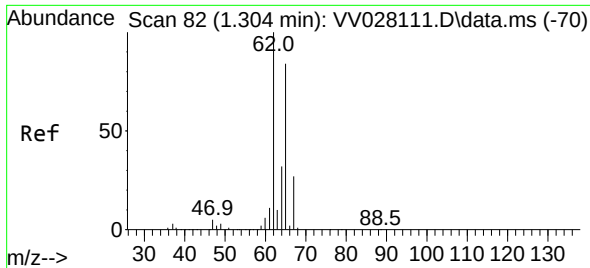
Tgt Ion: 85 Resp: 66277
 Ion Ratio Lower Upper
 85 100
 87 33.4 22.8 34.2



#3
 Chloromethane
 Concen: 3.486 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028127.D
 Acq: 26 Sep 2022 19:58

Tgt Ion: 50 Resp: 64268
 Ion Ratio Lower Upper
 50 100
 52 33.0 24.4 45.2

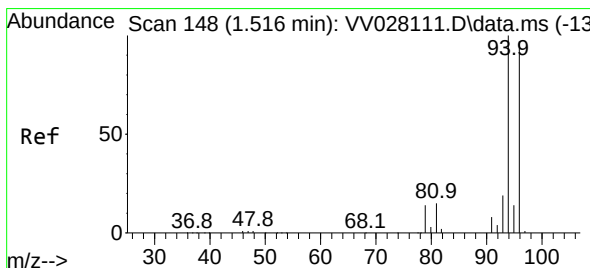
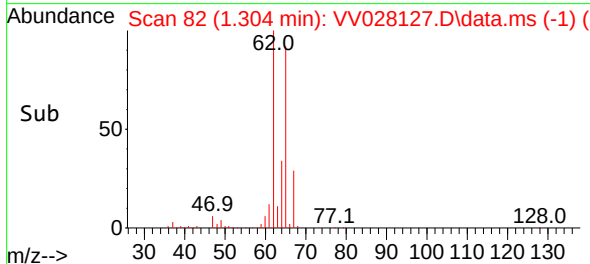
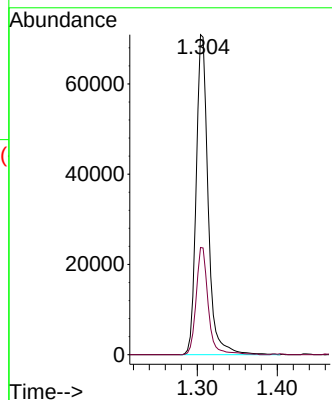
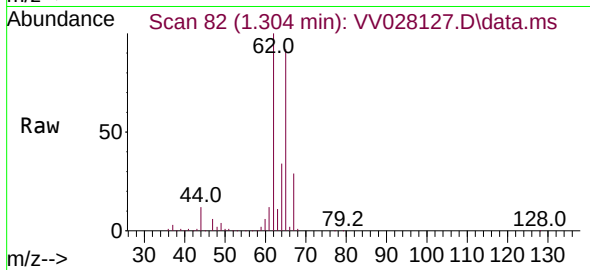




#5
 Vinyl chloride
 Concen: 5.105 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028127.D
 Acq: 26 Sep 2022 19:58

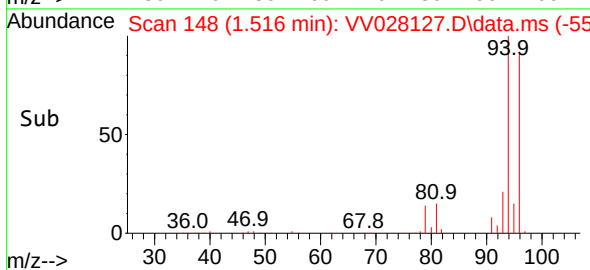
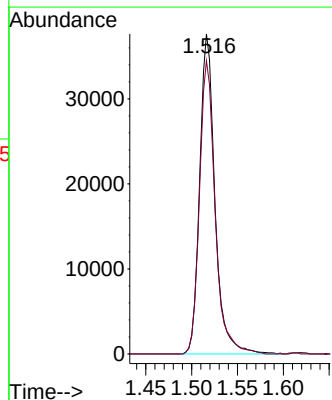
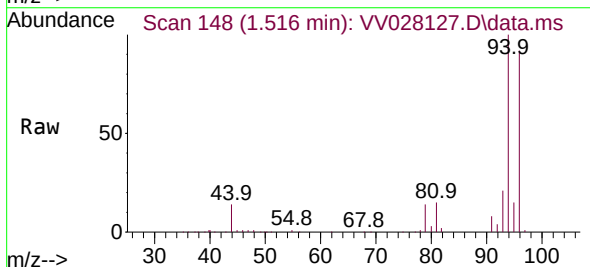
Instrument :
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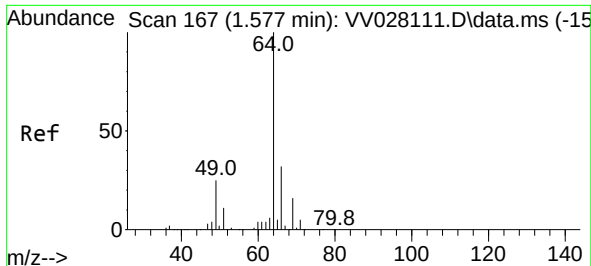
Tgt Ion: 62 Resp: 73783
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.0 42.8



#6
 Bromomethane
 Concen: 4.635 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028127.D
 Acq: 26 Sep 2022 19:58

Tgt Ion: 94 Resp: 43620
 Ion Ratio Lower Upper
 94 100
 96 91.7 66.7 123.9

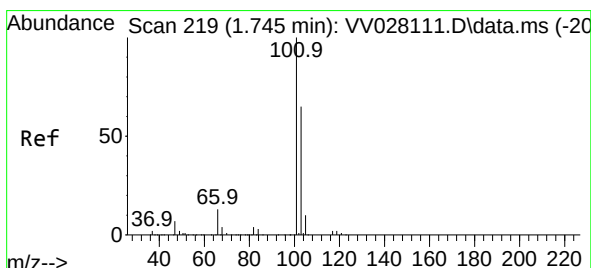
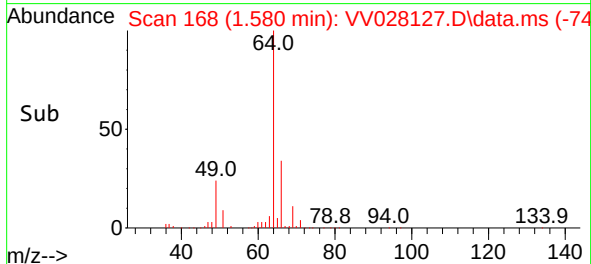
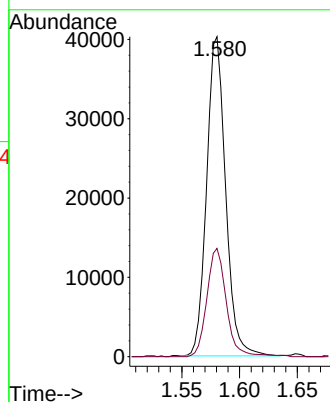
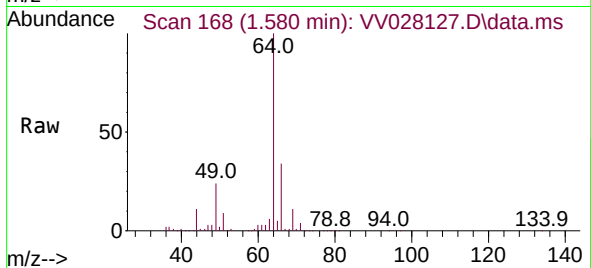




#8
Chloroethane
Concen: 4.743 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

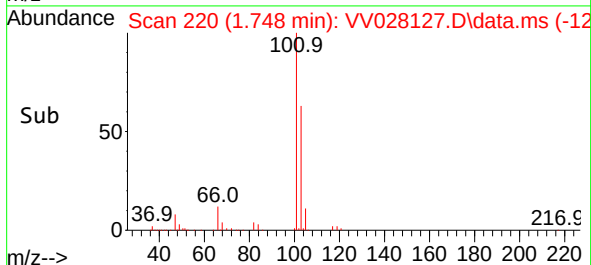
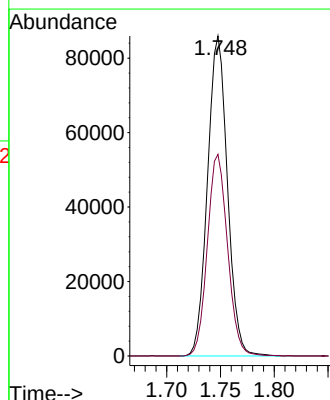
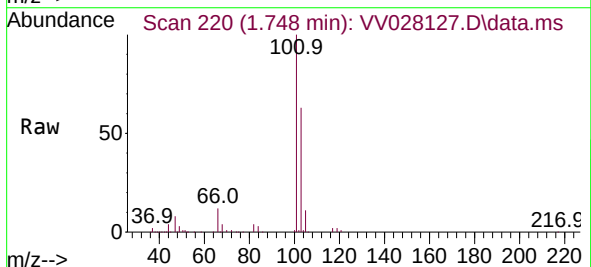
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MSVOA_V
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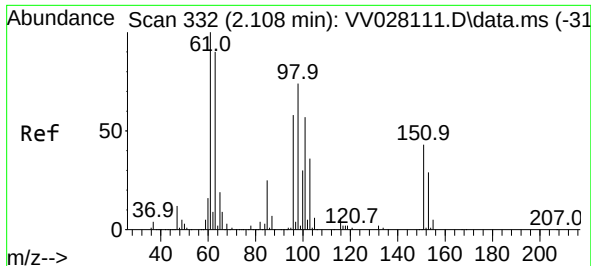
Tgt Ion: 64 Resp: 45963
Ion Ratio Lower Upper
64 100
66 33.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.838 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028127.D
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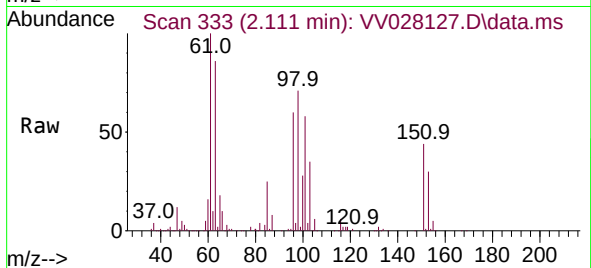
Tgt Ion:101 Resp: 111014
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0



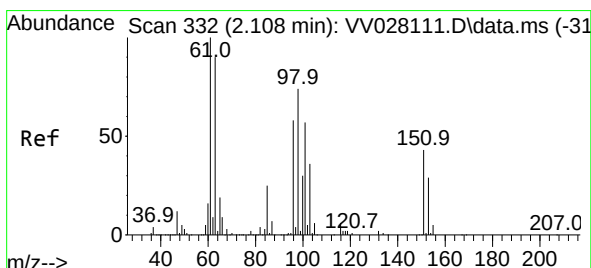
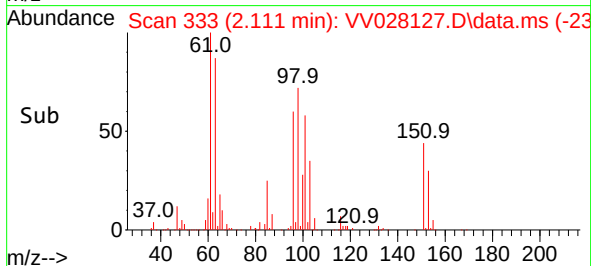
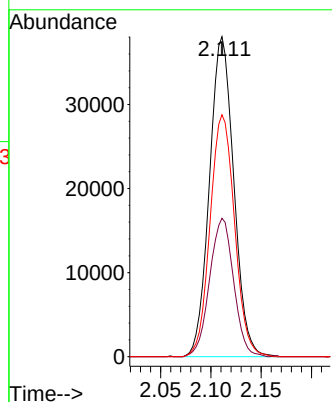


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.845 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV028127.D
 Acq: 26 Sep 2022 19:58

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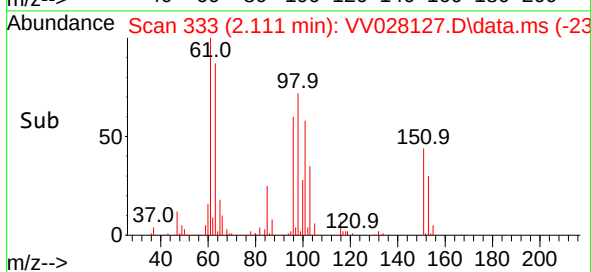
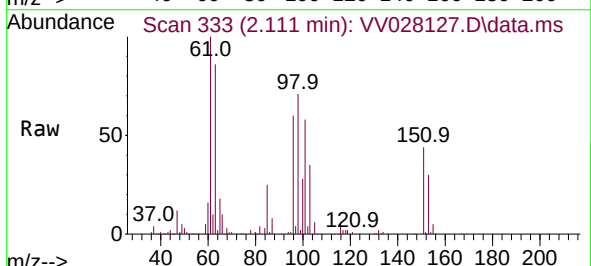
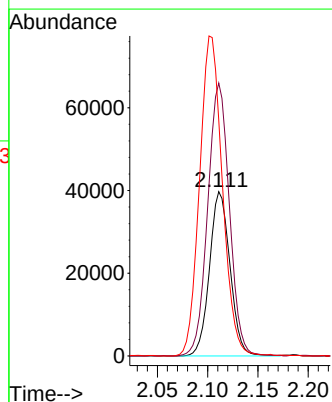


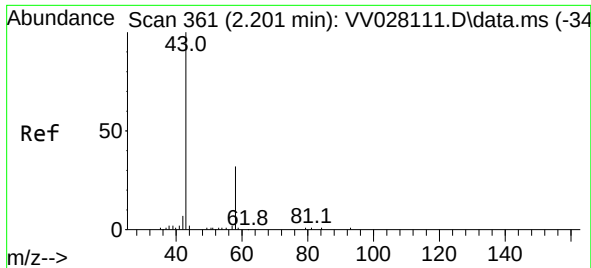
Tgt Ion:101 Resp: 64063
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.4 51.6
 151 76.1 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 4.377 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV028127.D
 Acq: 26 Sep 2022 19:58

Tgt Ion: 96 Resp: 56368
 Ion Ratio Lower Upper
 96 100
 61 166.1 128.3 238.3
 63 143.5 112.7 209.3





#13

Acetone

Concen: 40.050 ug/L

RT: 2.179 min Scan# 3

Delta R.T. -0.023 min

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Instrument :

MSVOA_V

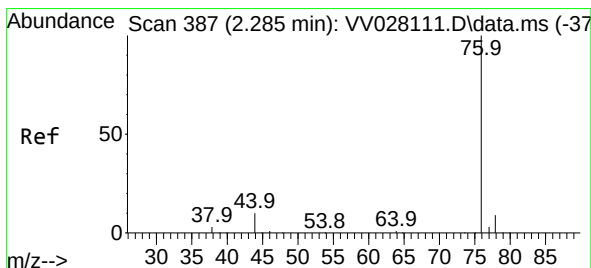
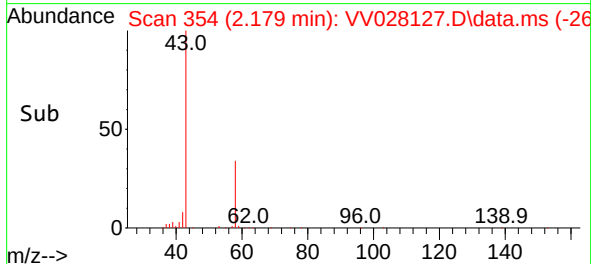
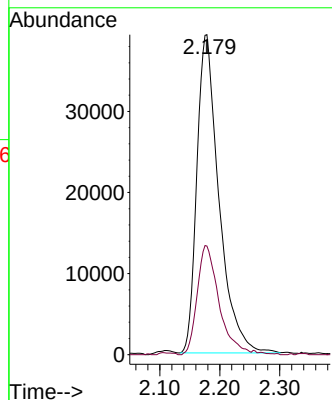
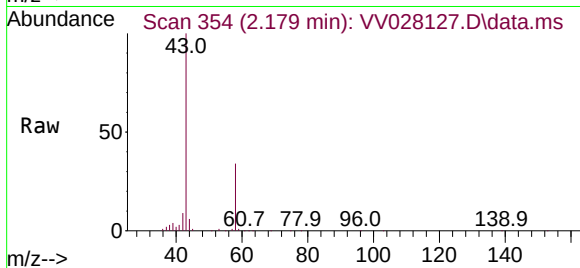
ClientSampleId :

Tgt Ion: 43 Resp: 100625

Ion Ratio Lower Upper

43 100

58 33.7 0.0 65.6



#14

Carbon disulfide

Concen: 4.624 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028127.D

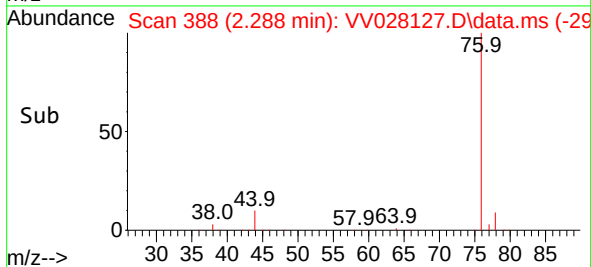
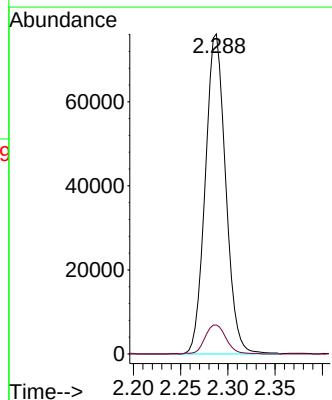
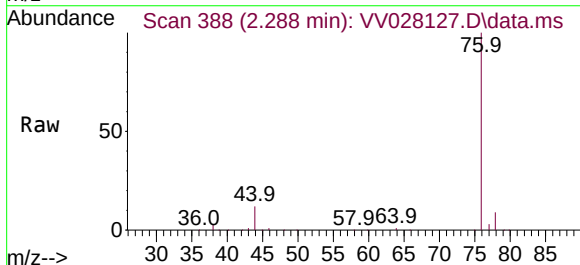
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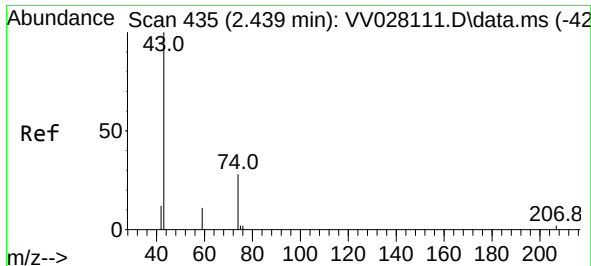
Tgt Ion: 76 Resp: 114292

Ion Ratio Lower Upper

76 100

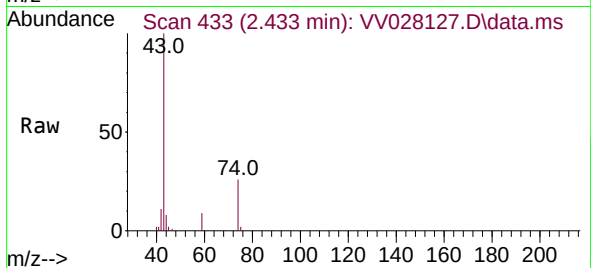
78 9.1 7.6 11.4



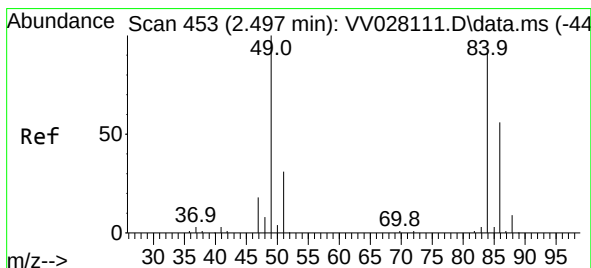
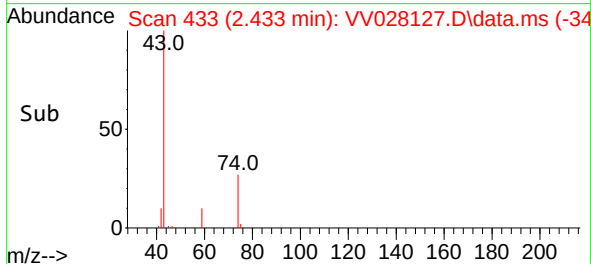
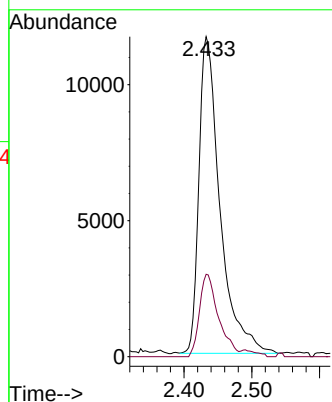


#15
Methyl Acetate
Concen: 5.143 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

Instrument :
MSVOA_V
ClientSampleId :

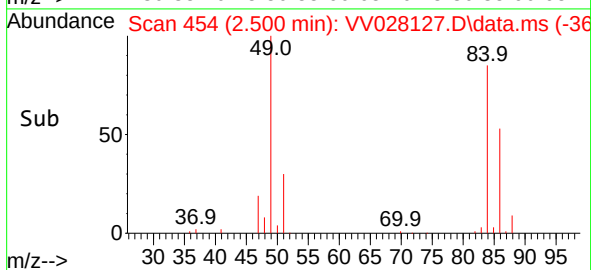
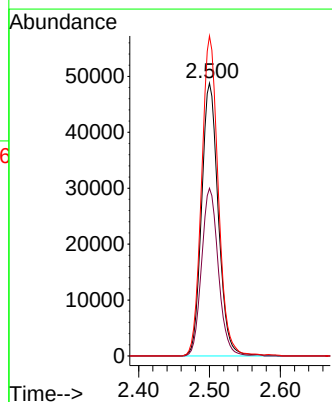
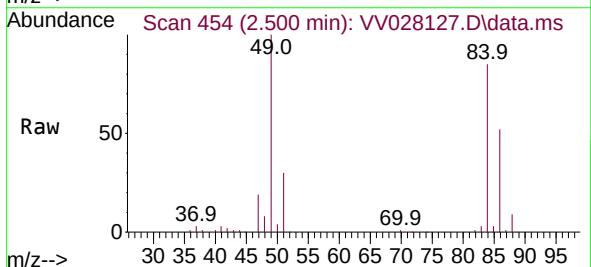


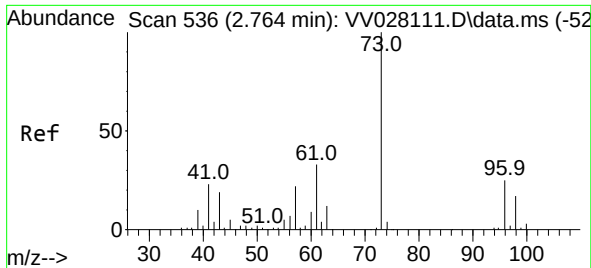
Tgt Ion: 43 Resp: 25085
Ion Ratio Lower Upper
43 100
74 23.5 16.9 25.3



#16
Methylene chloride
Concen: 5.538 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

Tgt Ion: 84 Resp: 79620
Ion Ratio Lower Upper
84 100
86 61.5 46.8 86.8
49 117.3 87.5 162.5

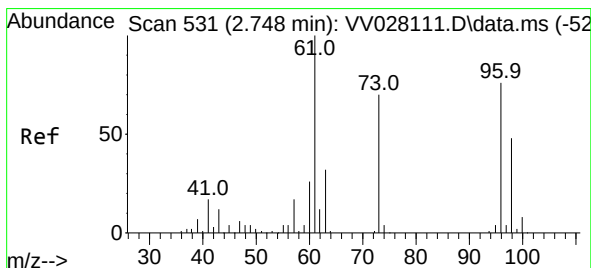
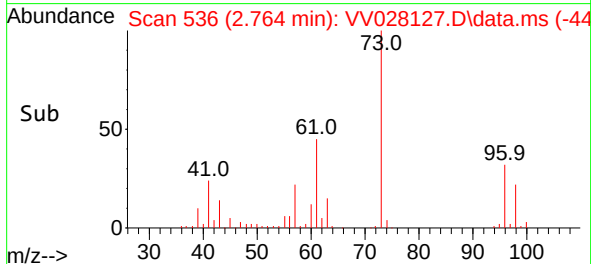
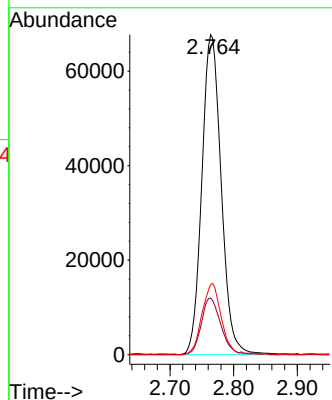
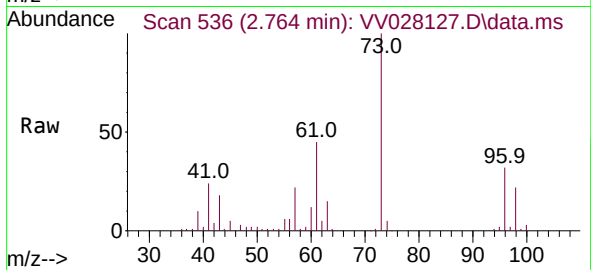




#17
Methyl tert-butyl Ether
Concen: 5.170 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

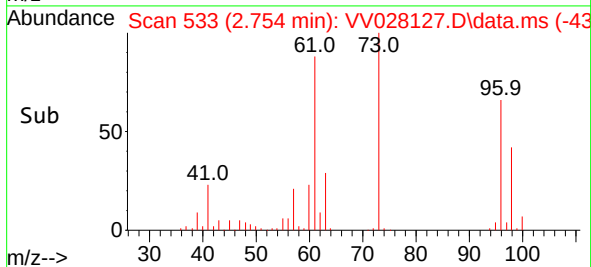
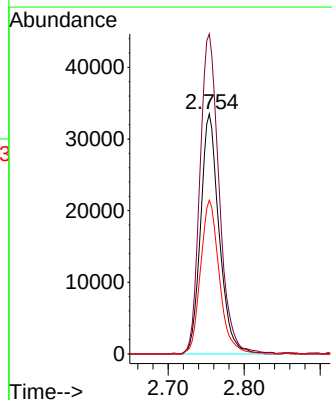
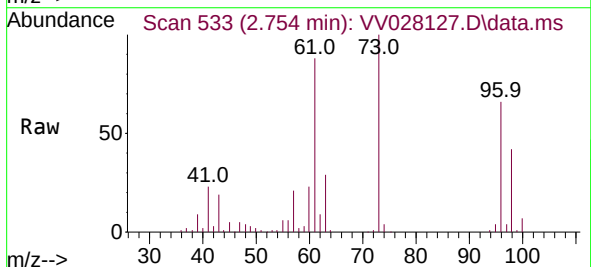
Instrument :
MSVOA_V
ClientSampleId :

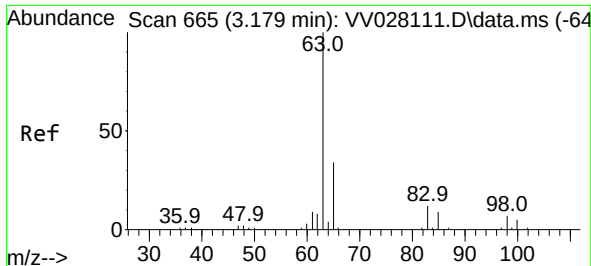
Tgt Ion: 73 Resp: 143243
Ion Ratio Lower Upper
73 100
43 18.0 15.7 23.5
57 22.1 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.045 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.006 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

Tgt Ion: 96 Resp: 56879
Ion Ratio Lower Upper
96 100
61 133.3 96.2 178.6
98 64.0 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.174 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

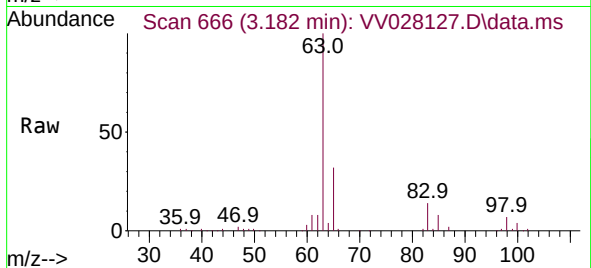
Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :



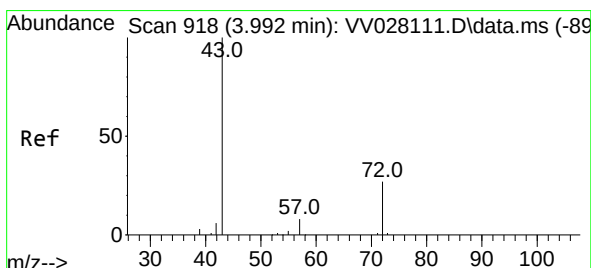
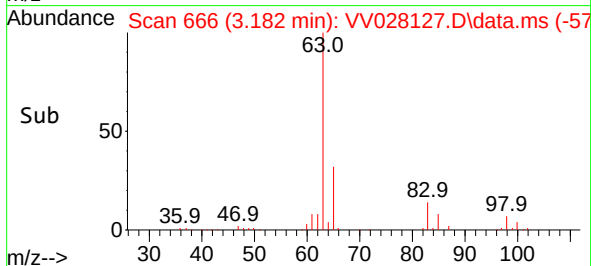
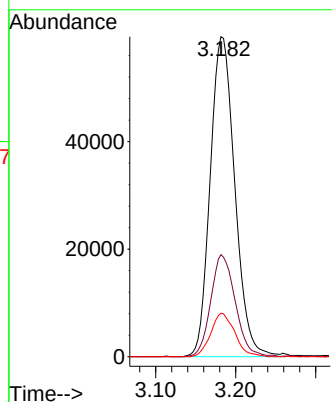
Tgt Ion: 63 Resp: 127259

Ion Ratio Lower Upper

63 100

65 31.9 23.0 42.8

83 13.6 9.2 17.2



#21

2-Butanone

Concen: 47.551 ug/L

RT: 3.969 min Scan# 911

Delta R.T. -0.023 min

Lab File: VV028127.D

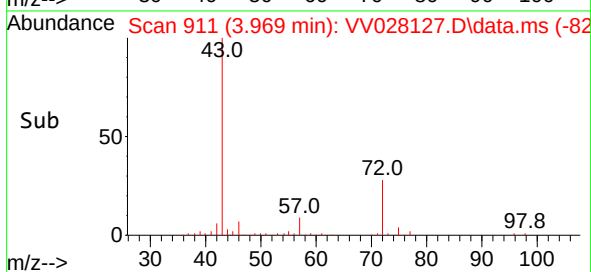
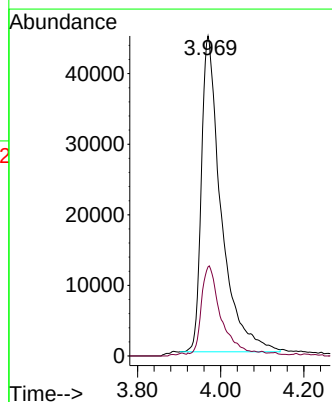
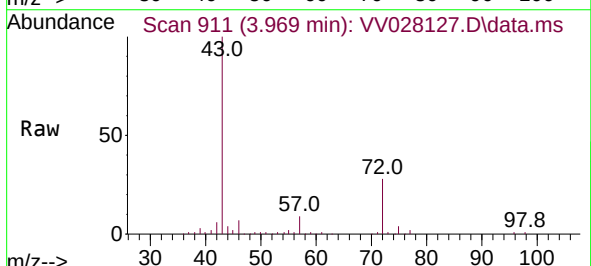
Acq: 26 Sep 2022 19:58

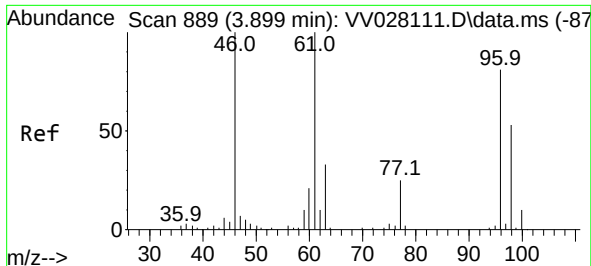
Tgt Ion: 43 Resp: 147912

Ion Ratio Lower Upper

43 100

72 26.7 12.7 38.1





#22

cis-1,2-Dichloroethene

Concen: 4.698 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

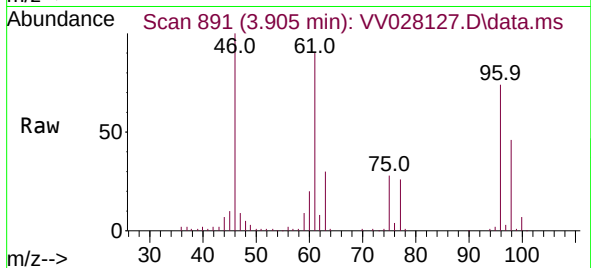
Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :



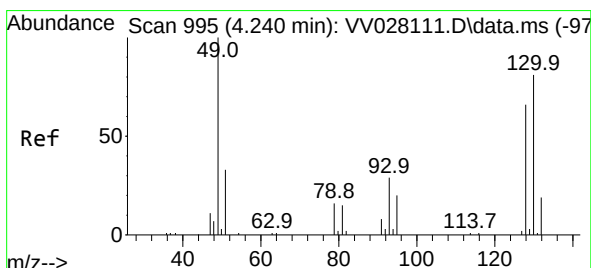
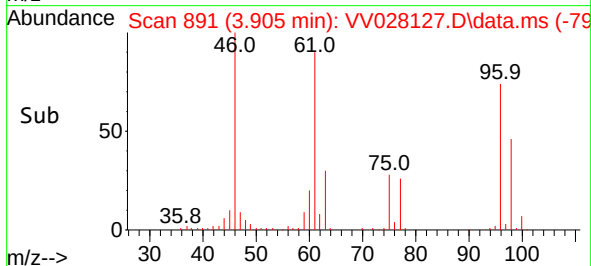
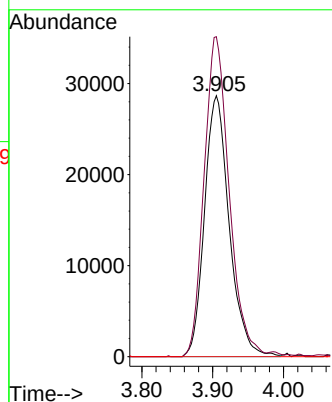
Tgt Ion: 96 Resp: 69501

Ion Ratio Lower Upper

96 100

61 122.6 87.2 161.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.104 ug/L

RT: 4.239 min Scan# 995

Delta R.T. -0.000 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Tgt Ion: 128 Resp: 30232

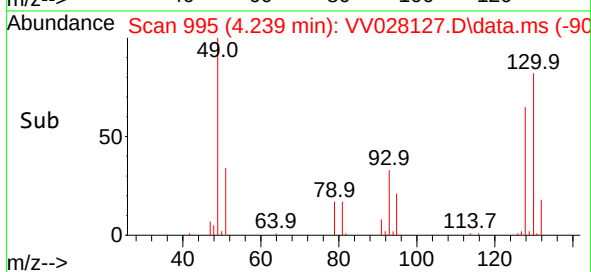
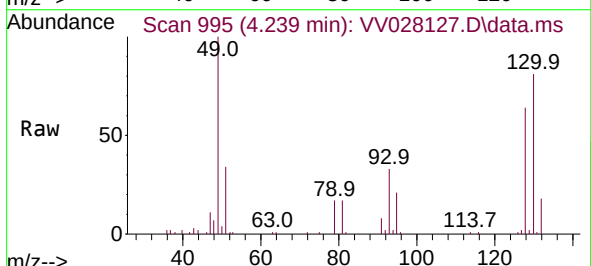
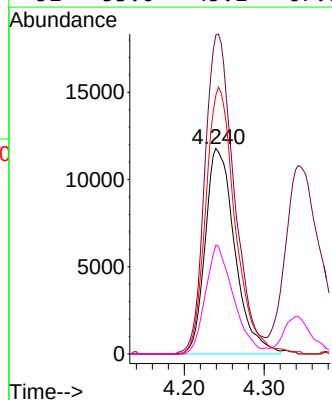
Ion Ratio Lower Upper

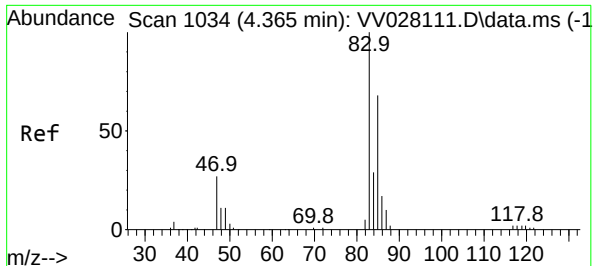
128 100

49 155.3 119.9 222.7

130 125.9 94.6 175.8

51 53.0 45.1 67.7





#25

Chloroform

Concen: 5.113 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Instrument :

MSVOA_V

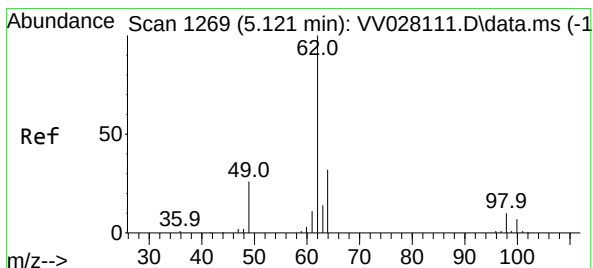
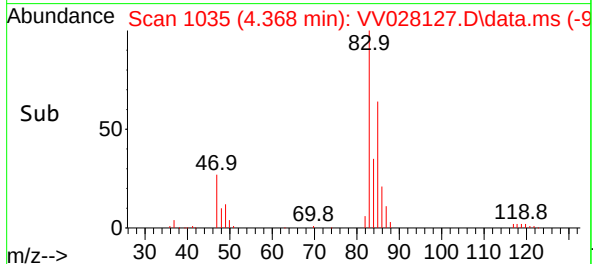
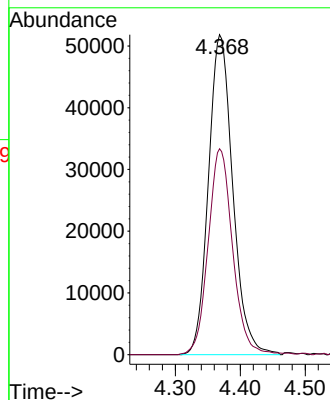
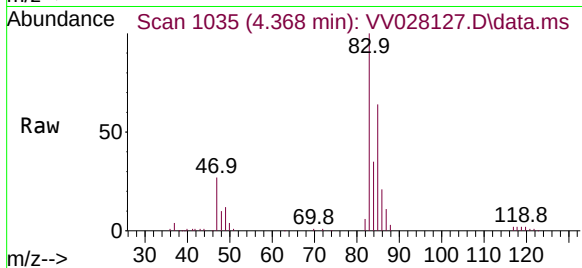
ClientSampleId :

Tgt Ion: 83 Resp: 134953

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.263 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.006 min

Lab File: VV028127.D

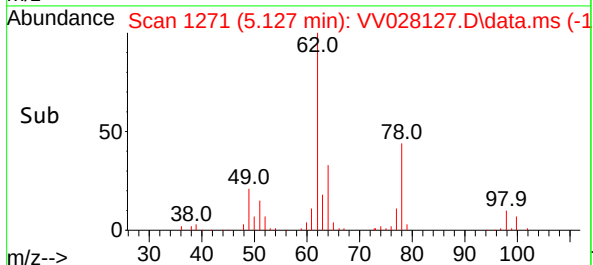
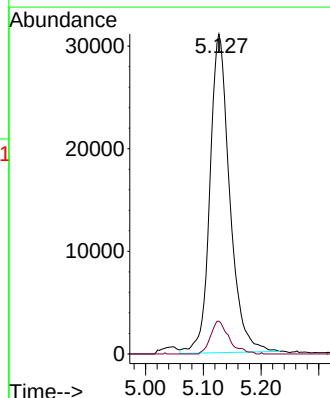
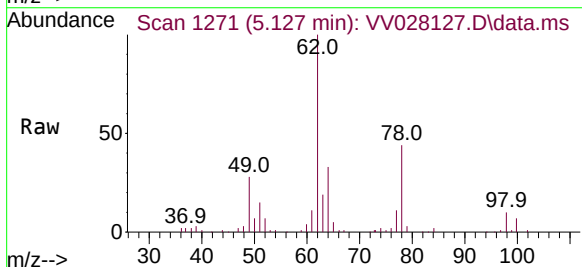
Acq: 26 Sep 2022 19:58

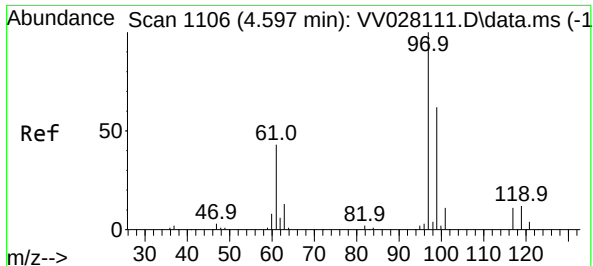
Tgt Ion: 62 Resp: 74073

Ion Ratio Lower Upper

62 100

98 10.3 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 5.123 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :

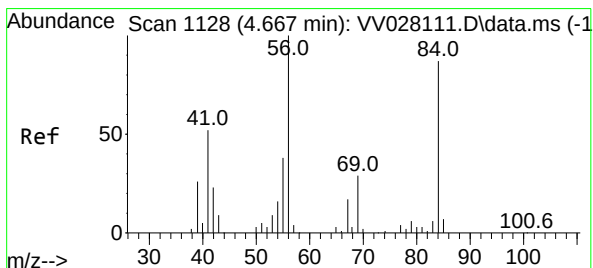
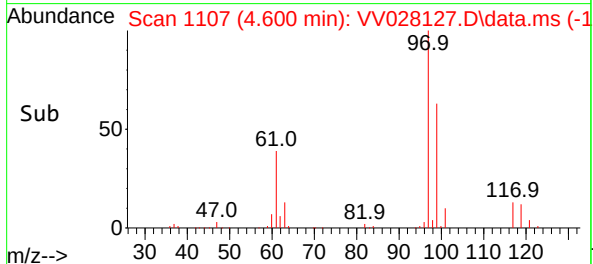
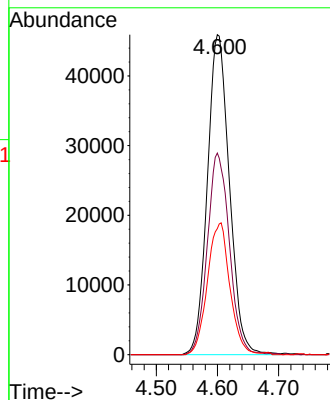
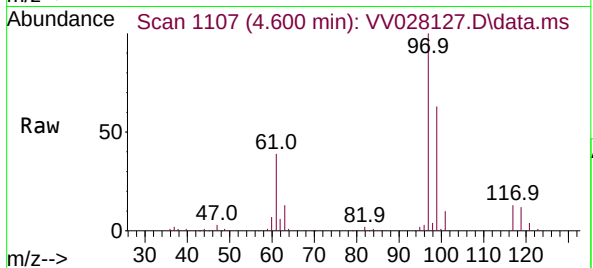
Tgt Ion: 97 Resp: 115159

Ion Ratio Lower Upper

97 100

99 63.1 51.9 77.9

61 41.9 34.8 52.2



#30

Cyclohexane

Concen: 4.822 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

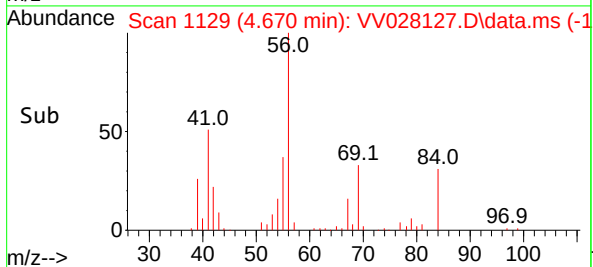
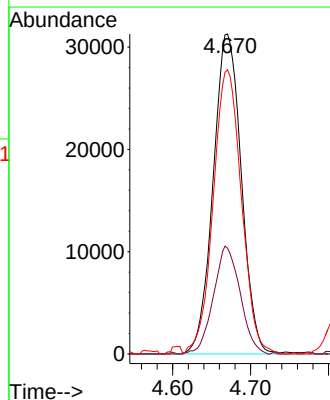
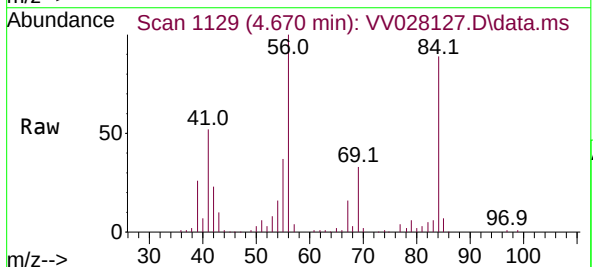
Tgt Ion: 56 Resp: 78399

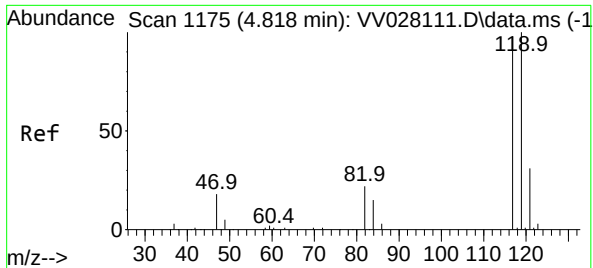
Ion Ratio Lower Upper

56 100

69 32.0 23.7 35.5

84 89.2 67.3 100.9

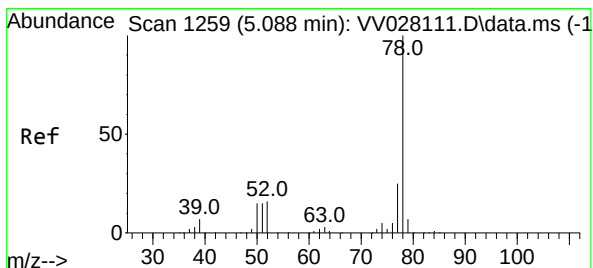
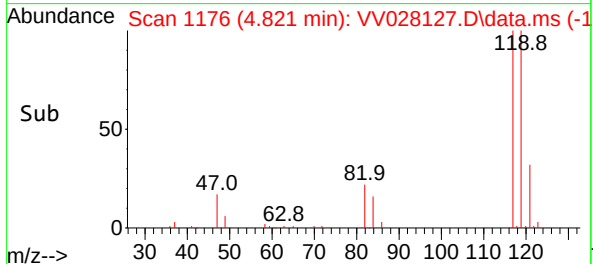
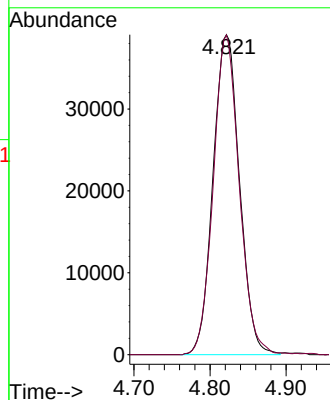
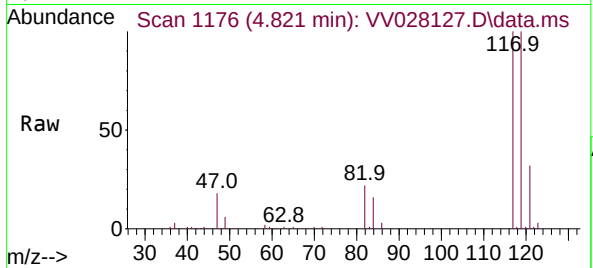




#31
Carbon tetrachloride
Concen: 5.106 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

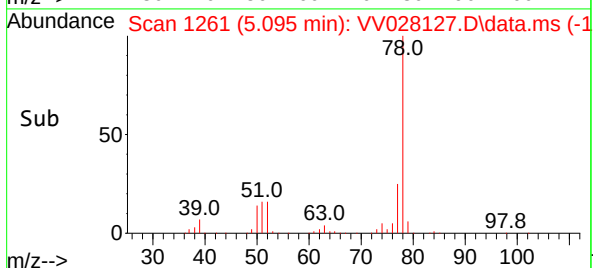
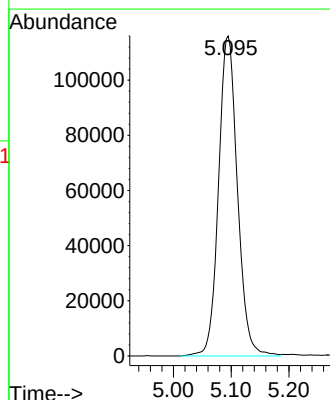
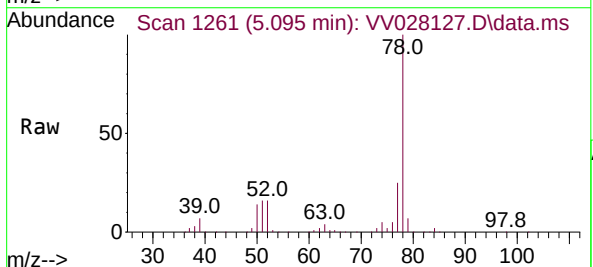
Instrument :
MSVOA_V
ClientSampleId :

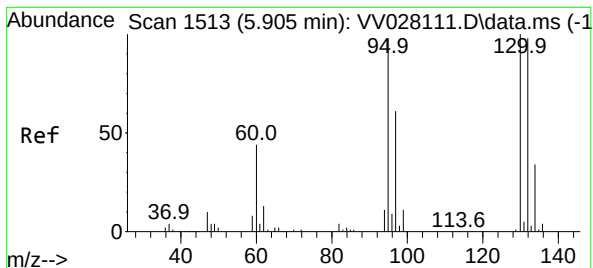
Tgt Ion:117 Resp: 94461
Ion Ratio Lower Upper
117 100
119 98.1 76.9 115.3



#33
Benzene
Concen: 5.186 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

Tgt Ion: 78 Resp: 263469





#34

Trichloroethene

Concen: 5.113 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 64662

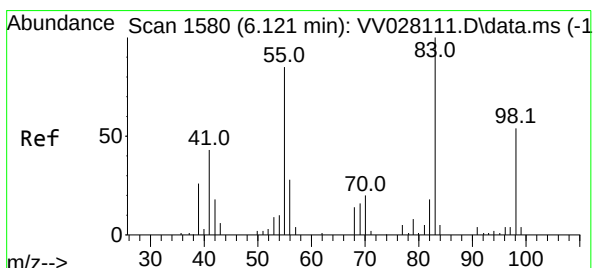
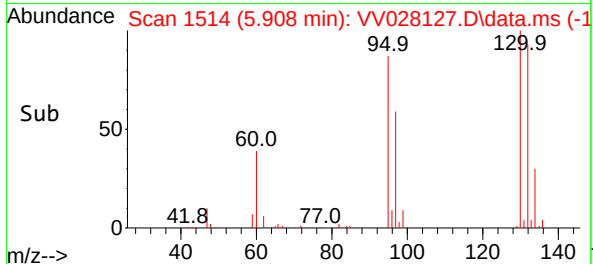
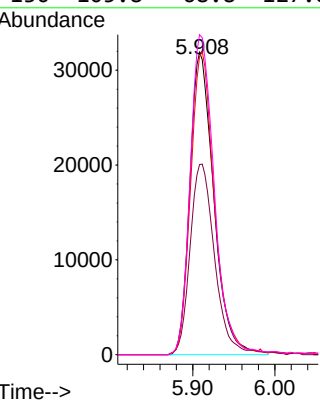
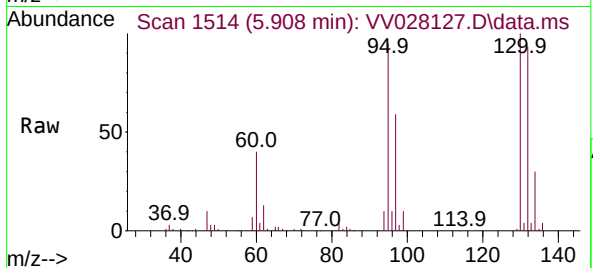
Ion Ratio Lower Upper

95 100

97 62.9 44.2 82.0

132 98.6 67.8 126.0

130 105.8 68.8 127.8



#35

Methylcyclohexane

Concen: 4.925 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.006 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

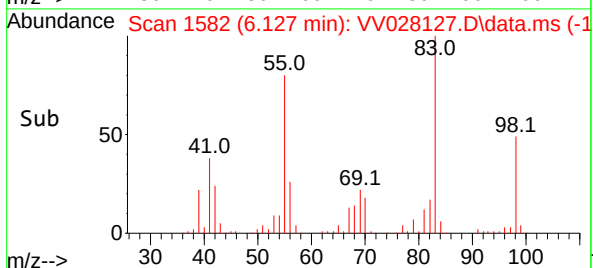
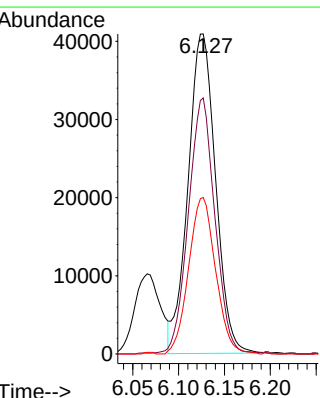
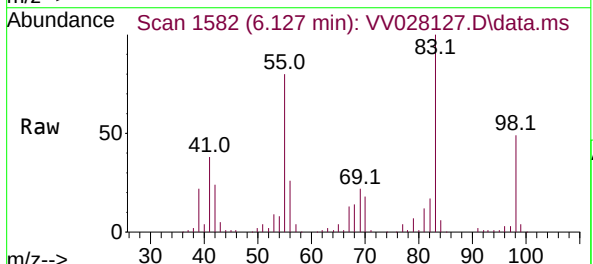
Tgt Ion: 83 Resp: 85422

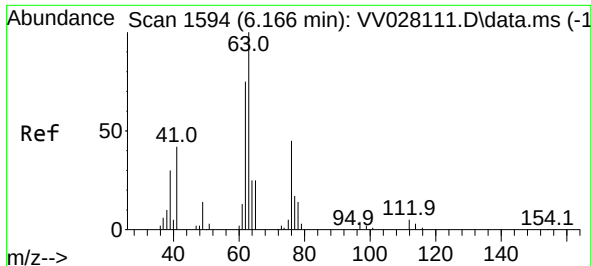
Ion Ratio Lower Upper

83 100

55 76.4 64.7 97.1

98 48.0 39.5 59.3





#37

1,2-Dichloropropane

Concen: 4.953 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Instrument :

MSVOA_V

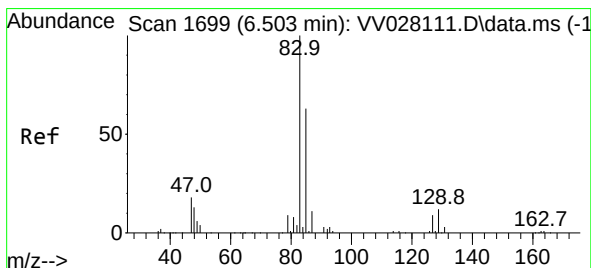
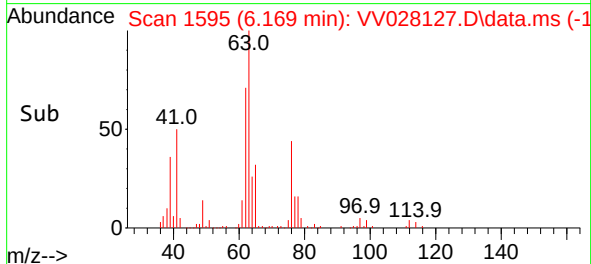
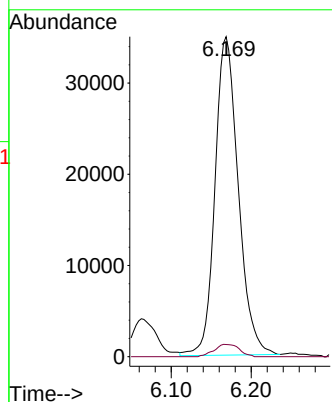
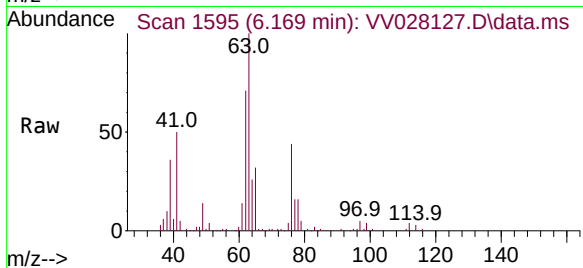
ClientSampleId :

Tgt Ion: 63 Resp: 70544

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 5.179 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

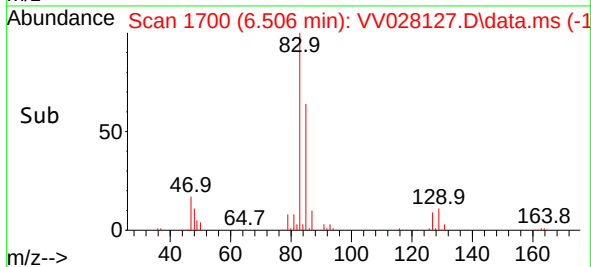
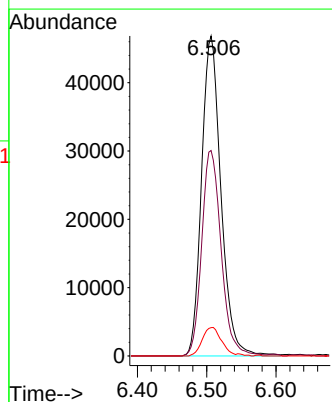
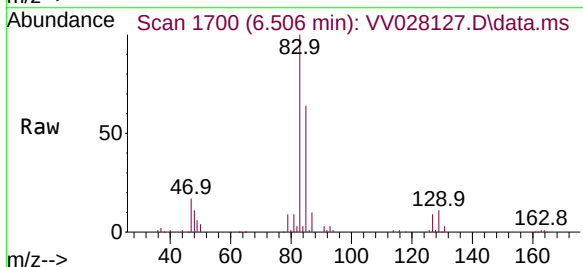
Tgt Ion: 83 Resp: 91064

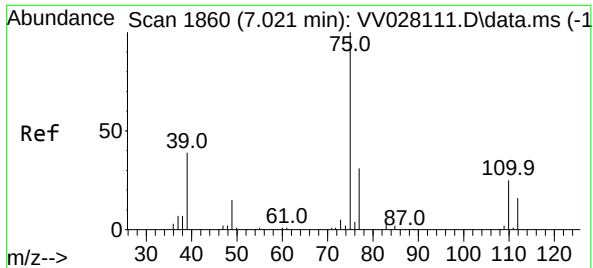
Ion Ratio Lower Upper

83 100

85 64.2 43.8 81.4

127 8.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.069 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Instrument :

MSVOA_V

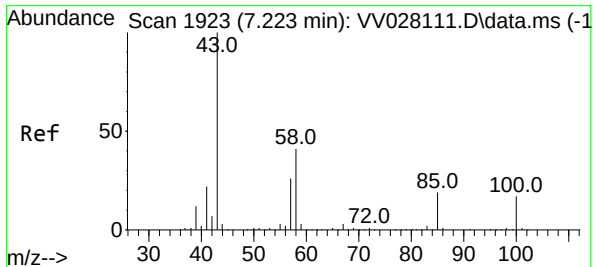
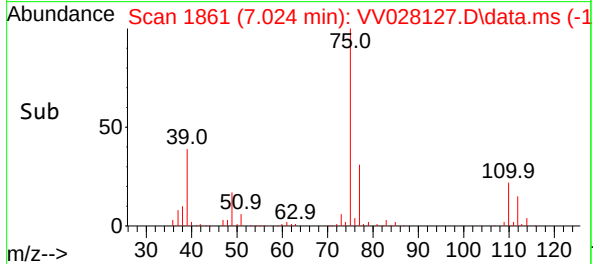
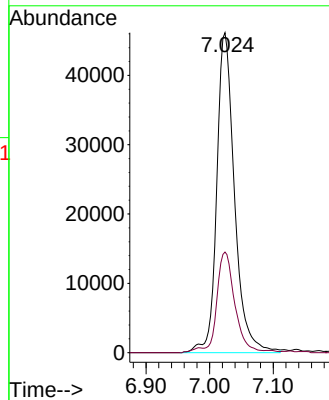
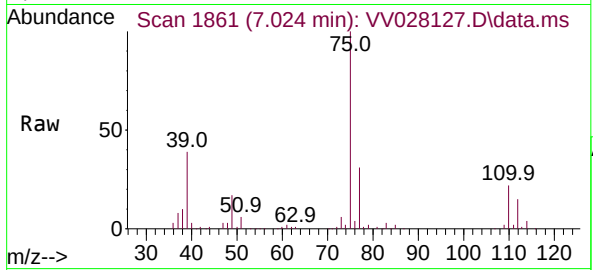
ClientSampleId :

Tgt Ion: 75 Resp: 89675

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 54.293 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

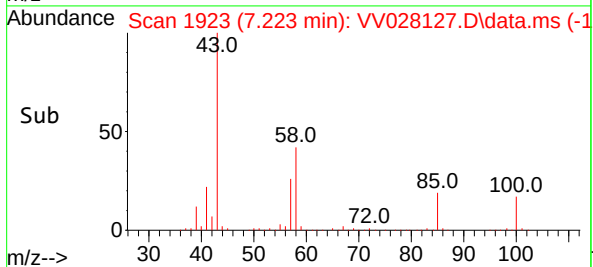
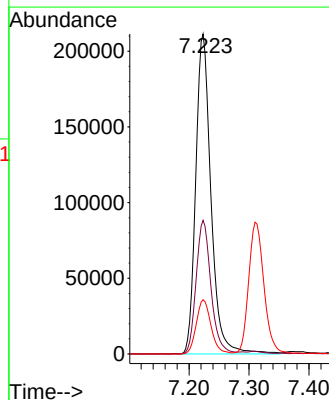
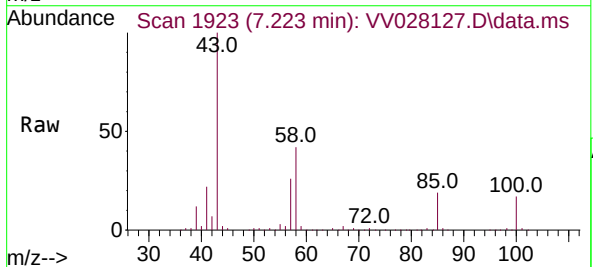
Tgt Ion: 43 Resp: 375502

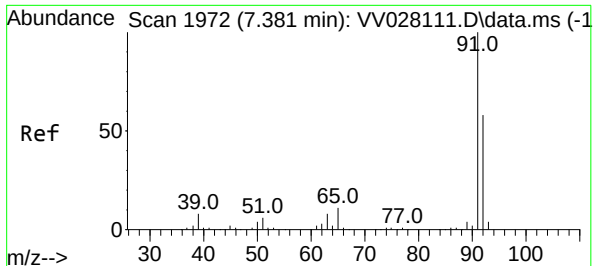
Ion Ratio Lower Upper

43 100

58 40.6 32.2 48.4

100 16.4 12.7 19.1





#42

Toluene

Concen: 5.327 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Instrument :

MSVOA_V

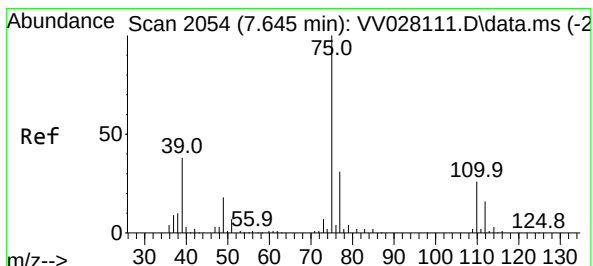
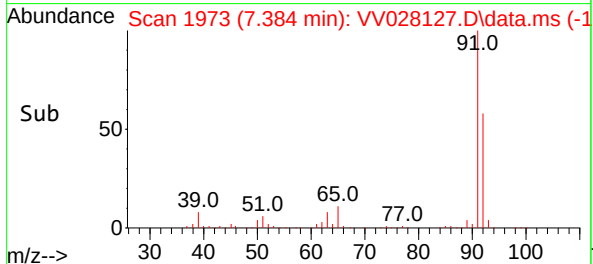
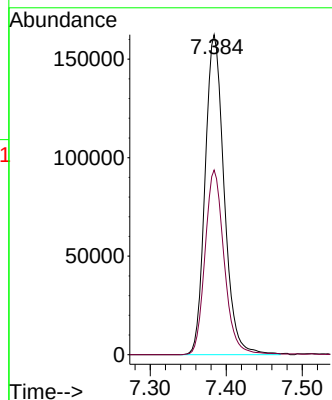
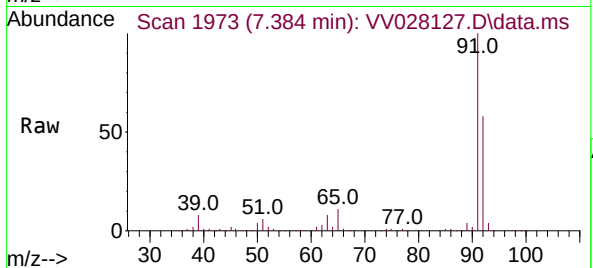
ClientSampleId :

Tgt Ion: 91 Resp: 282292

Ion Ratio Lower Upper

91 100

92 57.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.038 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV028127.D

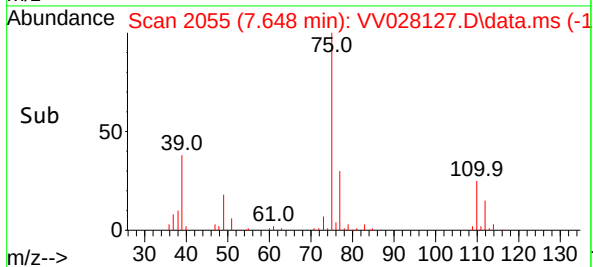
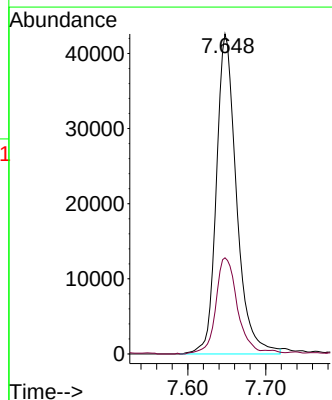
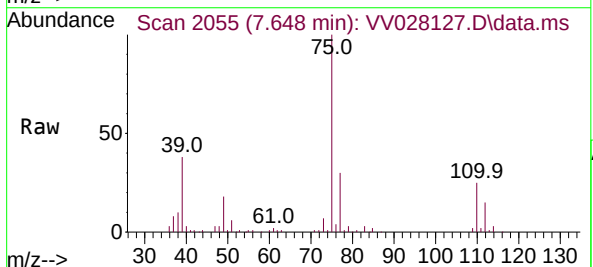
Acq: 26 Sep 2022 19:58

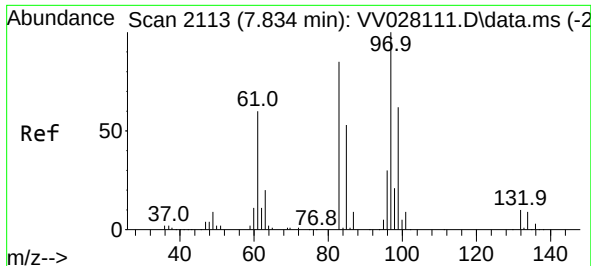
Tgt Ion: 75 Resp: 76650

Ion Ratio Lower Upper

75 100

77 30.0 23.9 44.3





#45

1,1,2-Trichloroethane

Concen: 5.301 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 50610

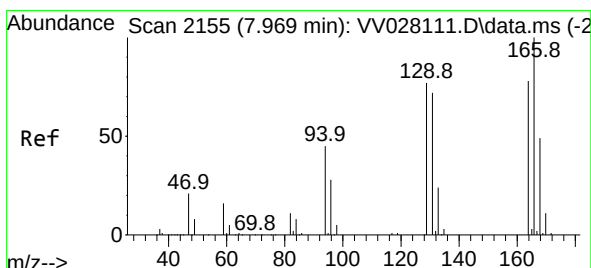
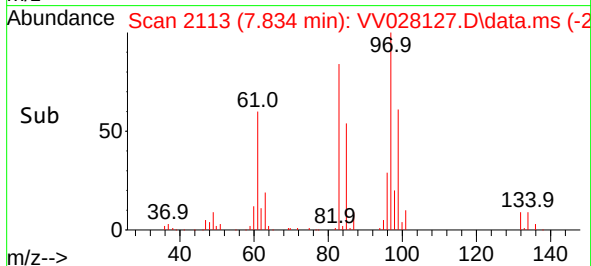
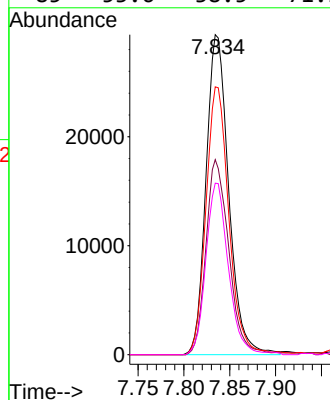
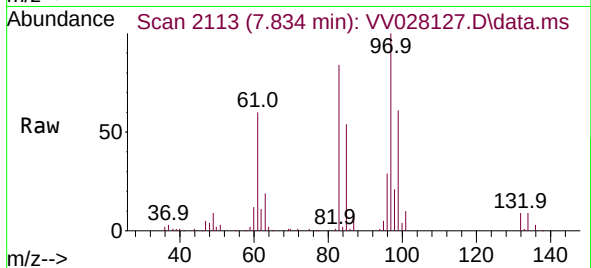
Ion Ratio Lower Upper

97 100

99 60.9 43.2 80.2

83 83.7 59.1 109.9

85 53.6 38.5 71.5



#47

Tetrachloroethene

Concen: 5.043 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Tgt Ion:164 Resp: 50905

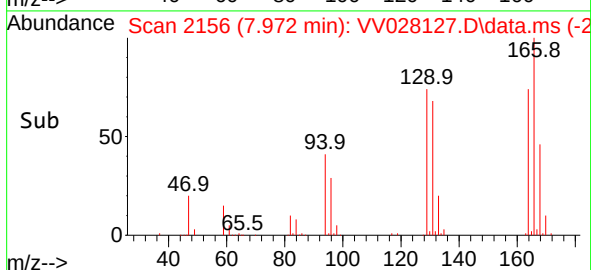
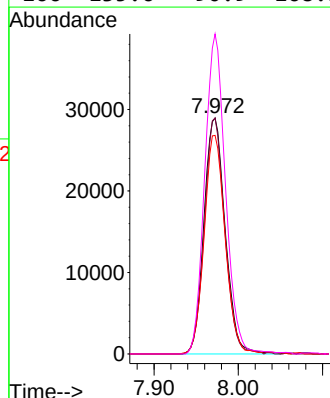
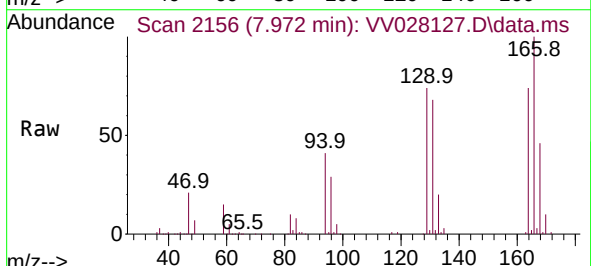
Ion Ratio Lower Upper

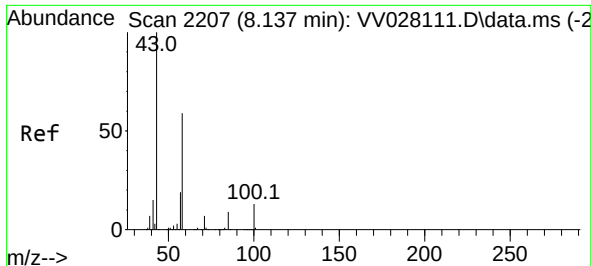
164 100

129 99.9 66.7 123.9

131 92.6 61.7 114.5

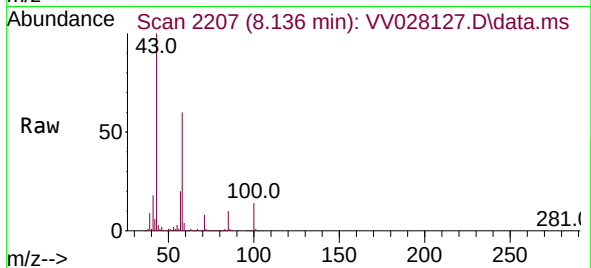
166 135.6 90.9 168.9





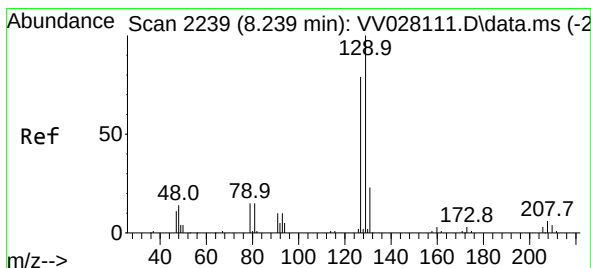
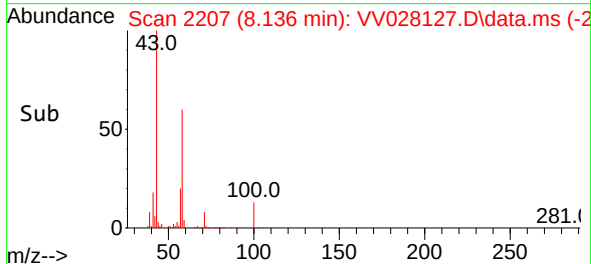
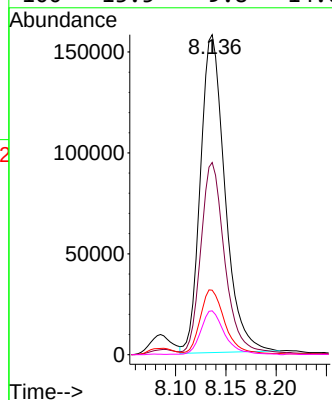
#48
2-Hexanone
Concen: 50.810 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 266777

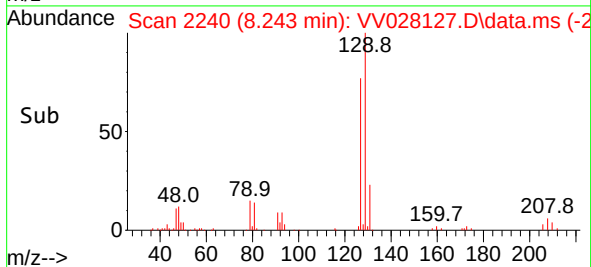
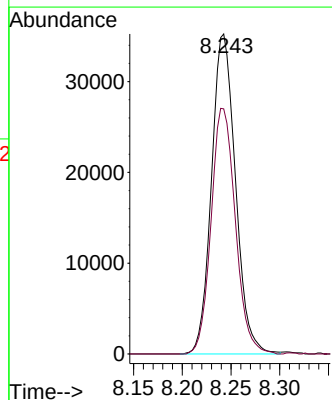
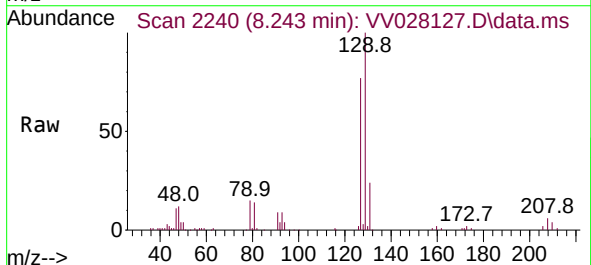
Ion	Ratio	Lower	Upper
43	100		
58	59.6	45.7	68.5
57	20.6	15.5	23.3
100	13.5	9.8	14.6

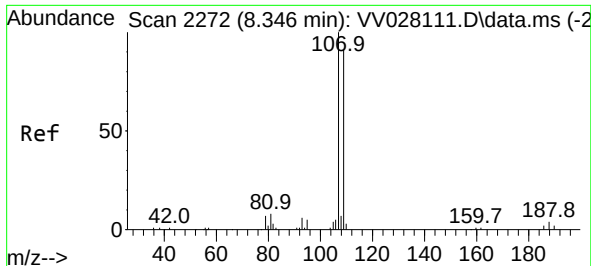


#49
Dibromochloromethane
Concen: 5.256 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

Tgt Ion: 129 Resp: 60334

Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.3	100.9





#50

1,2-Dibromoethane

Concen: 5.217 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV028127.D

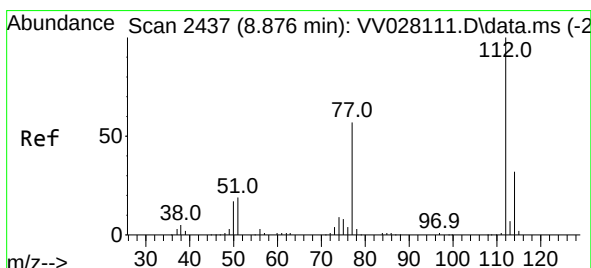
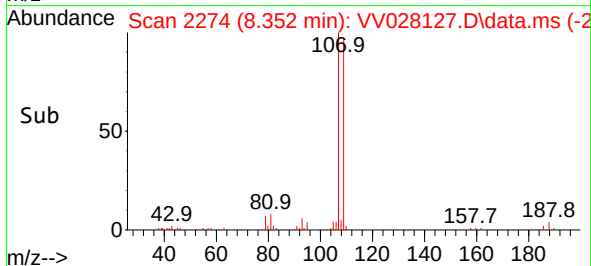
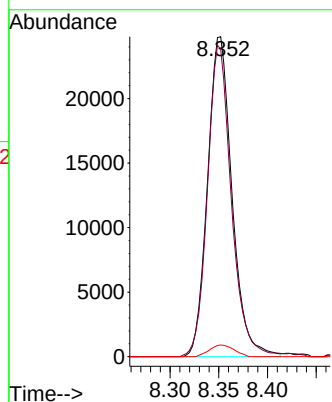
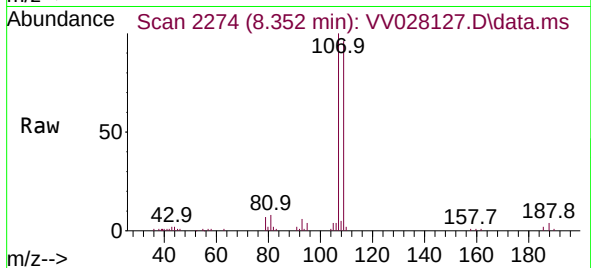
Acq: 26 Sep 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	43281
Ion	Ratio	Lower Upper
107	100	
109	96.2	65.9 122.5
188	3.7	3.4 5.0



#51

Chlorobenzene

Concen: 5.348 ug/L

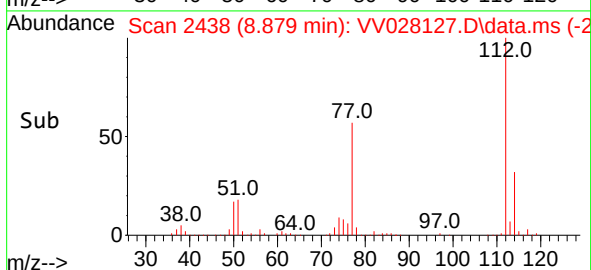
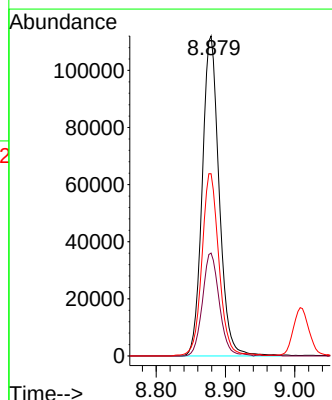
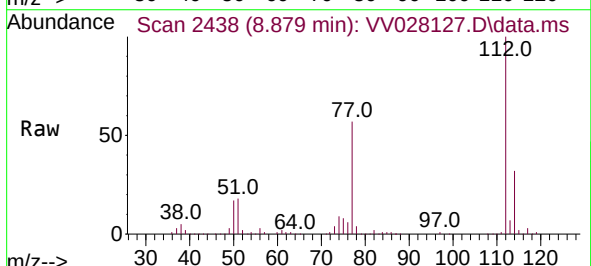
RT: 8.879 min Scan# 2438

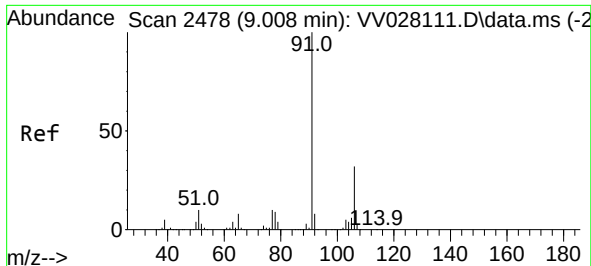
Delta R.T. 0.003 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Tgt Ion:112	Resp:	190098
Ion	Ratio	Lower Upper
112	100	
114	32.2	22.5 41.7
77	57.0	46.1 69.1





#52

Ethylbenzene

Concen: 5.162 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. -0.000 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Instrument :

MSVOA_V

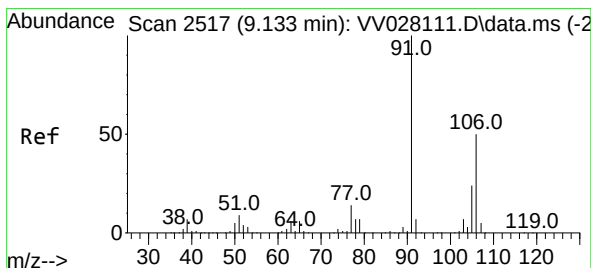
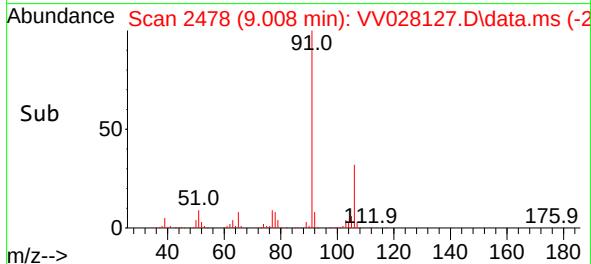
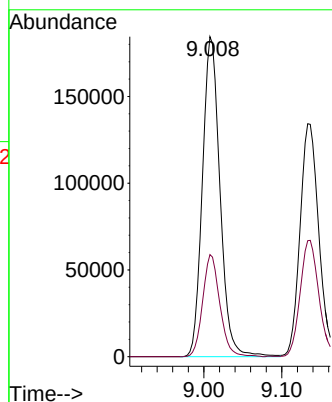
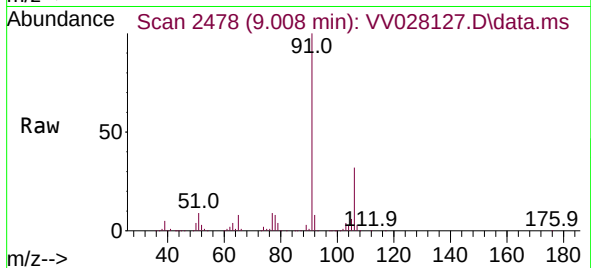
ClientSampleId :

Tgt Ion: 91 Resp: 289418

Ion Ratio Lower Upper

91 100

106 31.9 21.5 39.9



#53

m,p-Xylene

Concen: 5.196 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV028127.D

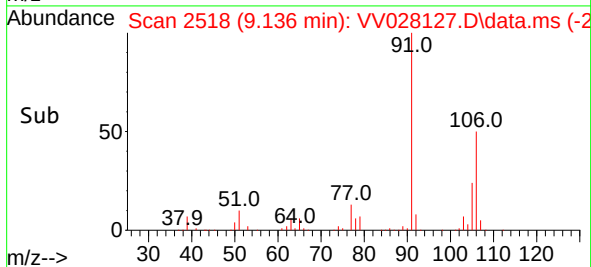
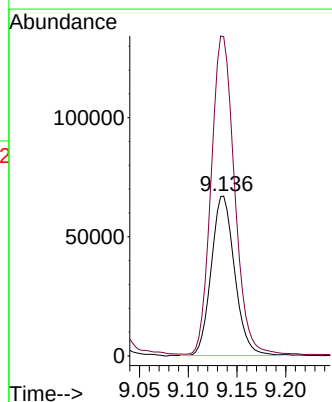
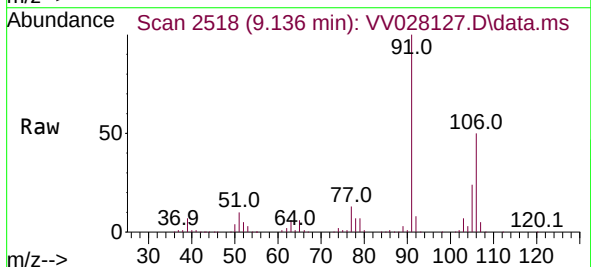
Acq: 26 Sep 2022 19:58

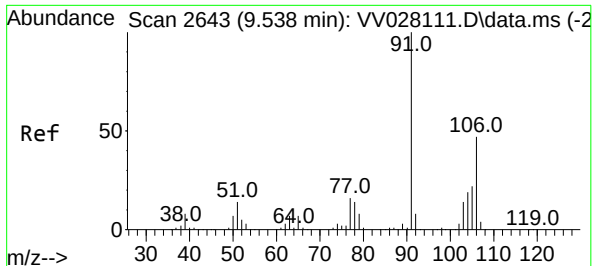
Tgt Ion:106 Resp: 111638

Ion Ratio Lower Upper

106 100

91 199.7 141.9 263.5





#54

o-Xylene

Concen: 5.172 ug/L

RT: 9.542 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Instrument :

MSVOA_V

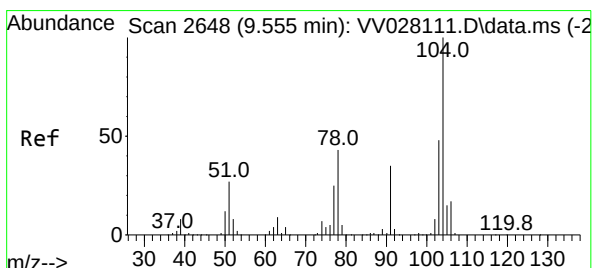
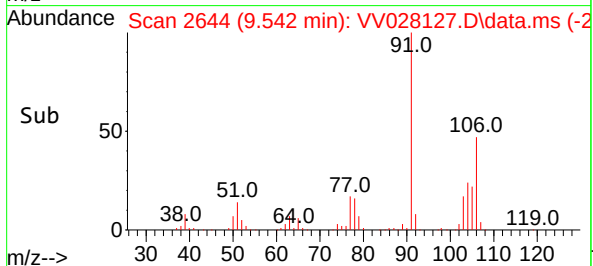
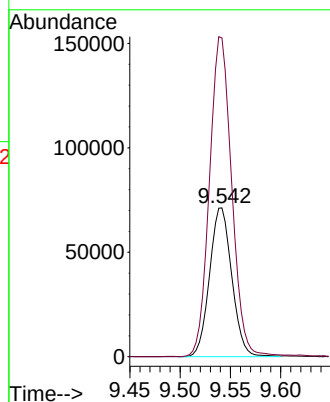
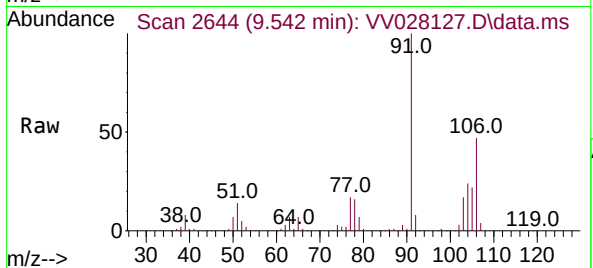
ClientSampleId :

Tgt Ion:106 Resp: 109737

Ion Ratio Lower Upper

106 100

91 214.2 148.1 275.0



#55

Styrene

Concen: 5.441 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. 0.003 min

Lab File: VV028127.D

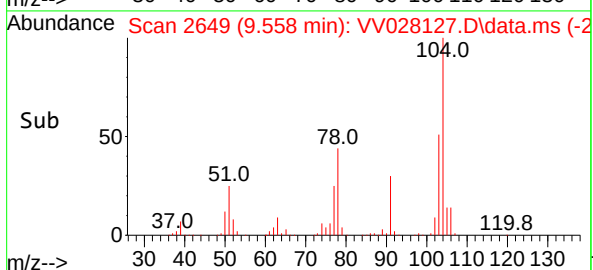
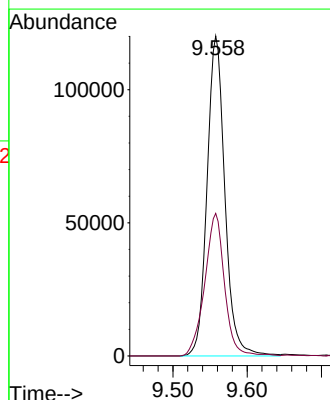
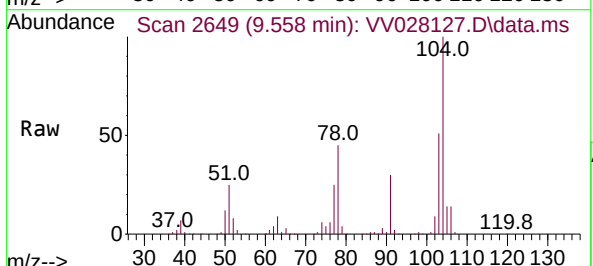
Acq: 26 Sep 2022 19:58

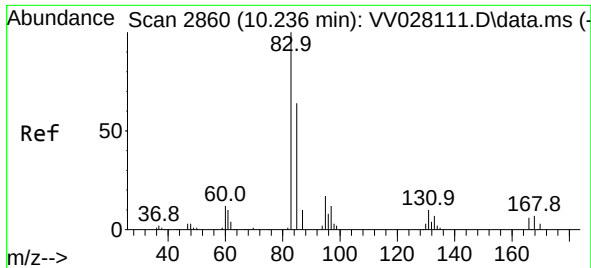
Tgt Ion:104 Resp: 200018

Ion Ratio Lower Upper

104 100

78 44.6 31.0 57.6

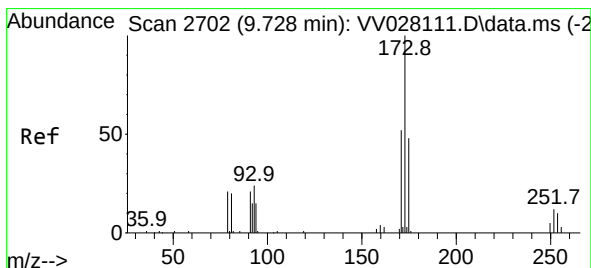
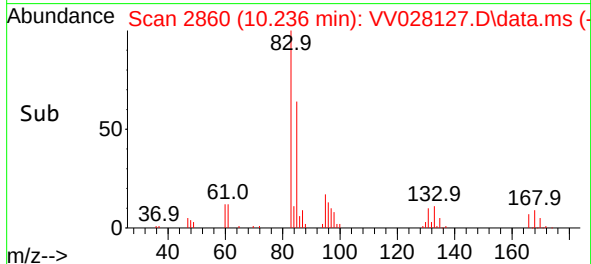
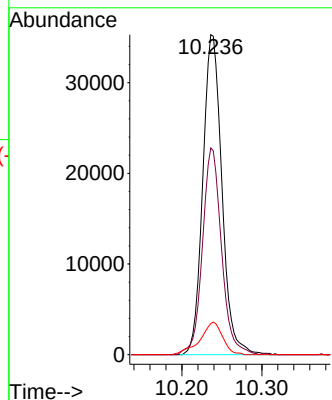
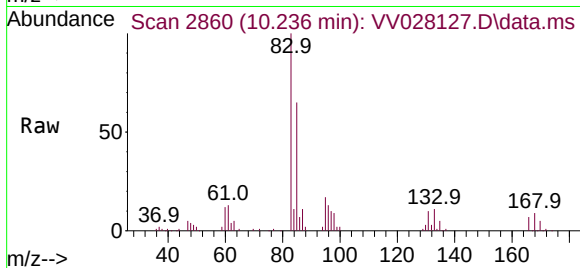




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.283 ug/L
 RT: 10.236 min Scan# 2860
 Delta R.T. -0.000 min
 Lab File: VV028127.D
 Acq: 26 Sep 2022 19:58

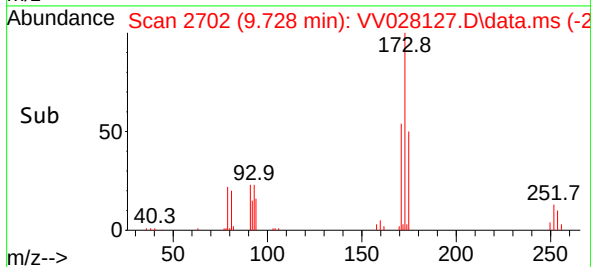
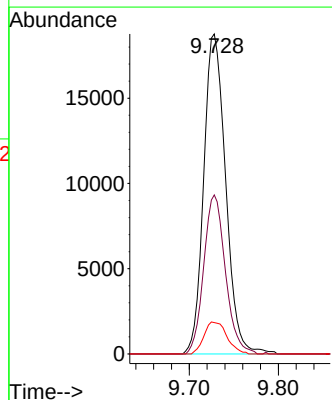
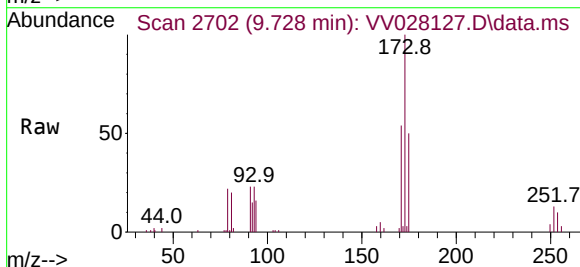
Instrument :
 MSVOA_V
 ClientSampleId :

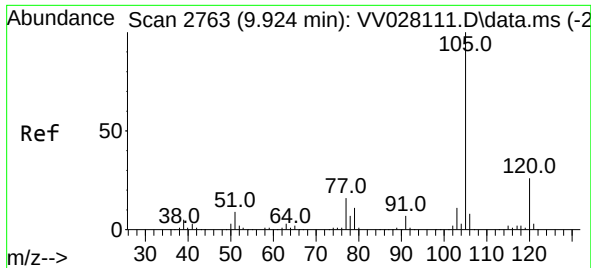
Tgt Ion: 83 Resp: 58771
 Ion Ratio Lower Upper
 83 100
 85 64.6 45.2 84.0
 131 9.7 7.8 11.8



#59
 Bromoform
 Concen: 4.926 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV028127.D
 Acq: 26 Sep 2022 19:58

Tgt Ion: 173 Resp: 32131
 Ion Ratio Lower Upper
 173 100
 175 49.0 39.0 58.4
 254 10.4 8.7 13.1

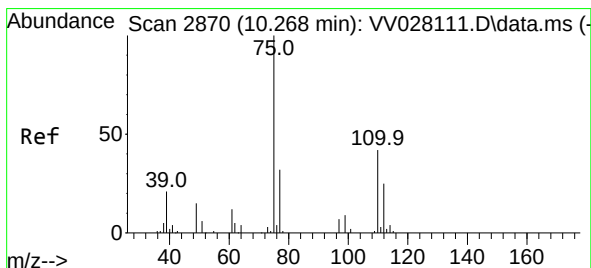
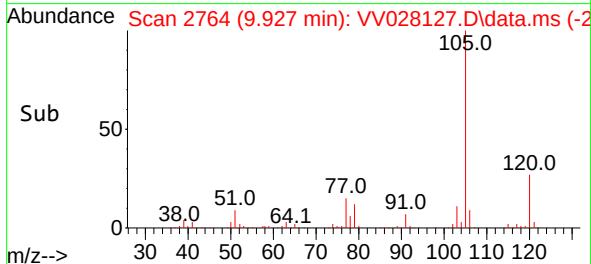
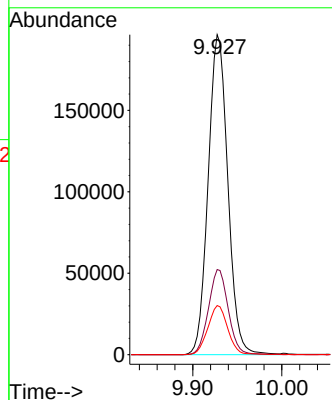
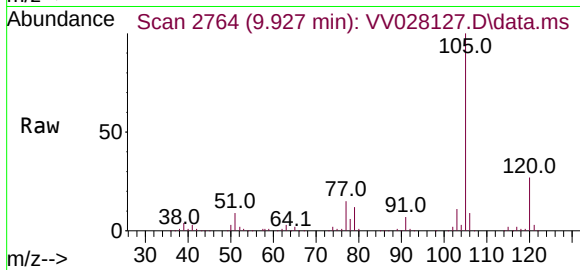




#60
Isopropylbenzene
Concen: 4.995 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

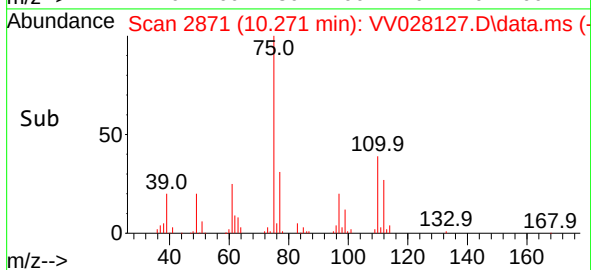
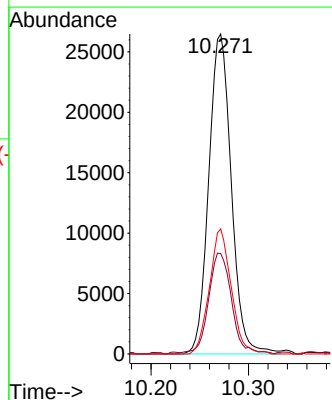
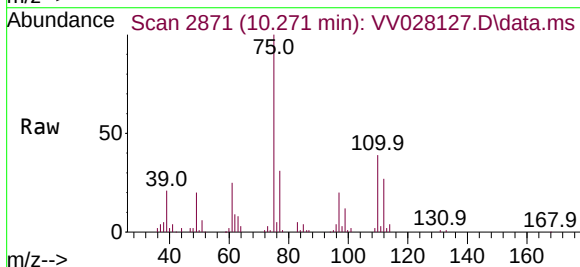
Instrument :
MSVOA_V
ClientSampleId :

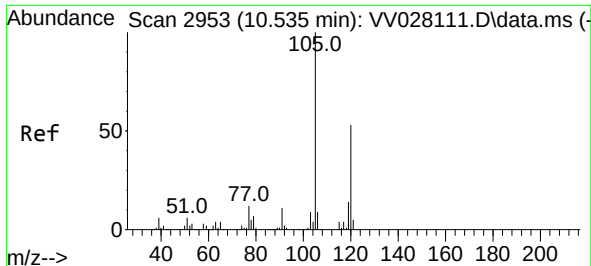
Tgt Ion:105 Resp: 301255
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 15.5 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.937 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

Tgt Ion: 75 Resp: 42540
Ion Ratio Lower Upper
75 100
77 32.0 26.7 40.1
110 37.8 30.1 45.1

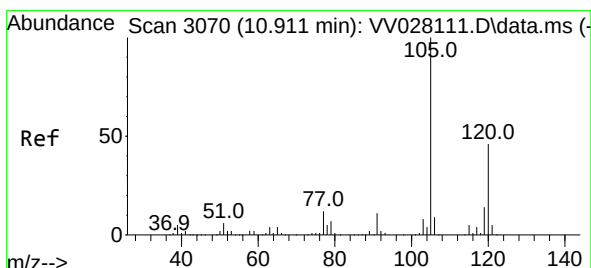
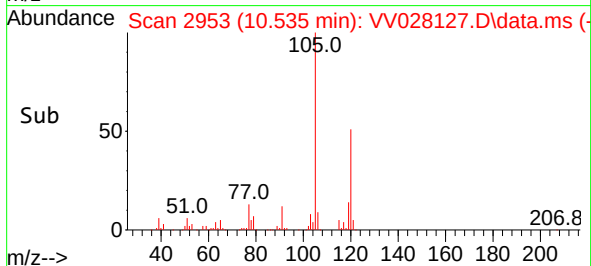
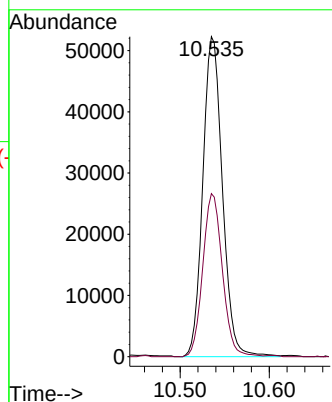
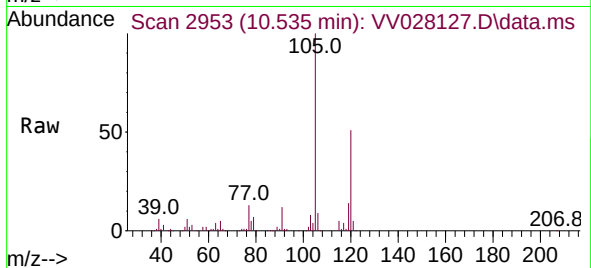




#62
 1,3,5-Trimethylbenzene
 Concen: 4.703 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. -0.000 min
 Lab File: VV028127.D
 Acq: 26 Sep 2022 19:58

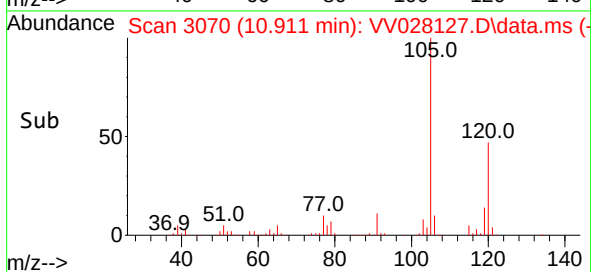
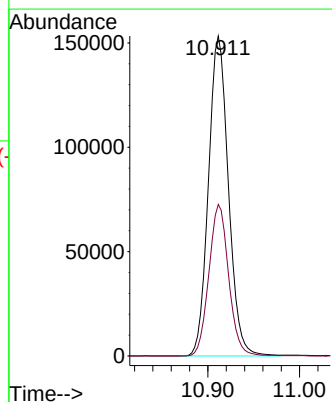
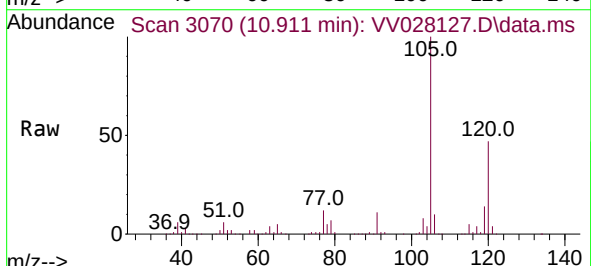
Instrument :
 MSVOA_V
 ClientSampleId :

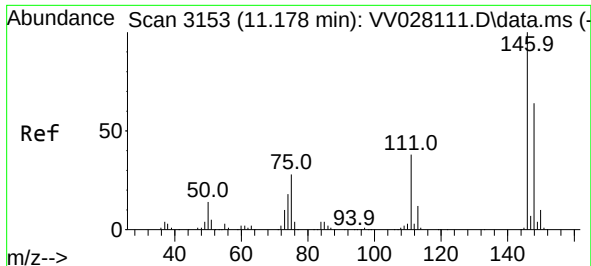
Tgt Ion:105 Resp: 79881
 Ion Ratio Lower Upper
 105 100
 120 50.9 40.6 61.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.886 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV028127.D
 Acq: 26 Sep 2022 19:58

Tgt Ion:105 Resp: 231983
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.8 56.8

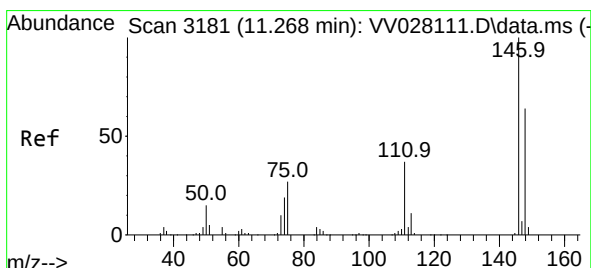
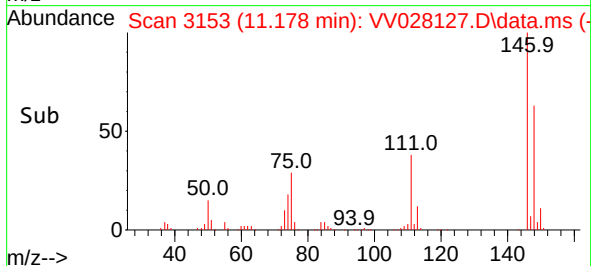
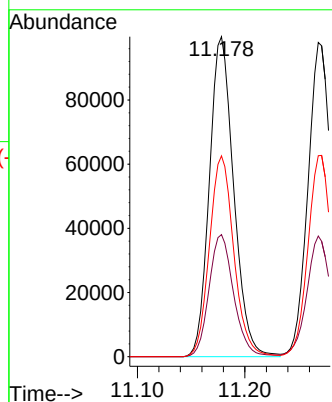
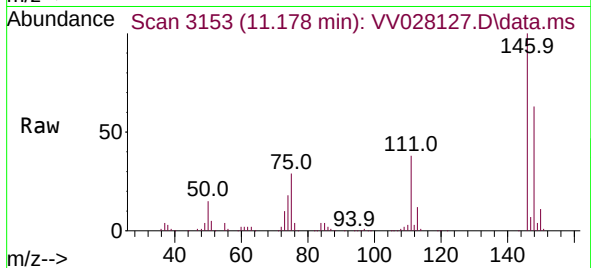




#64
1,3-Dichlorobenzene
Concen: 5.217 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

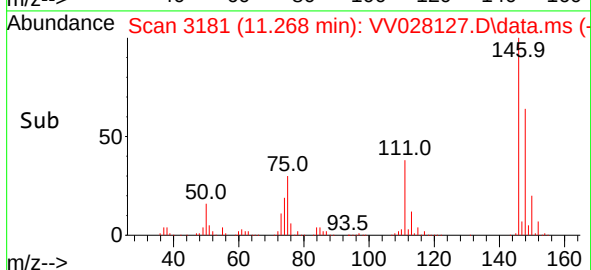
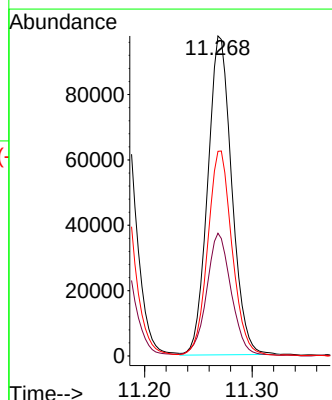
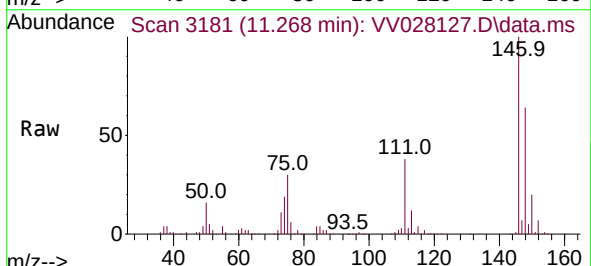
Instrument :
MSVOA_V
ClientSampleId :

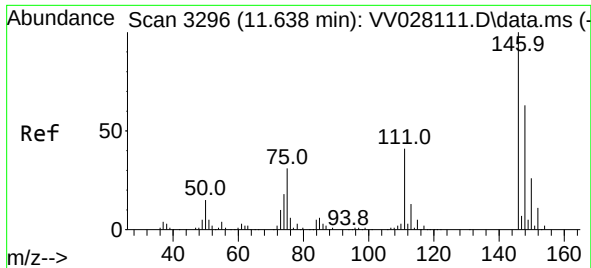
Tgt Ion:146 Resp: 156568
Ion Ratio Lower Upper
146 100
111 38.2 27.1 50.3
148 62.8 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.065 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

Tgt Ion:146 Resp: 152087
Ion Ratio Lower Upper
146 100
111 38.4 26.2 48.8
148 63.9 45.8 85.2

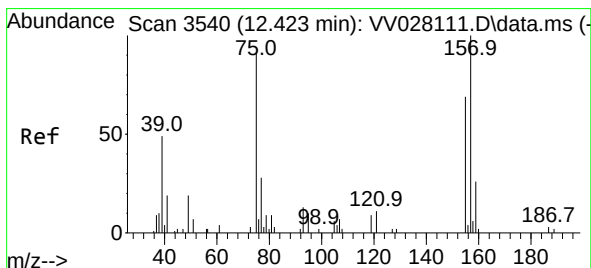
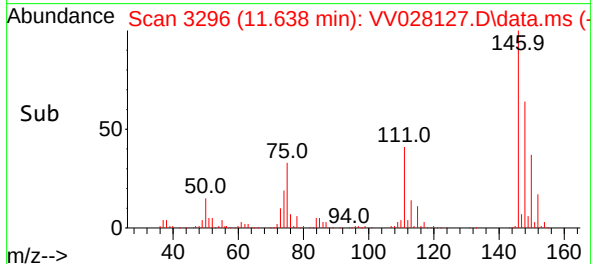
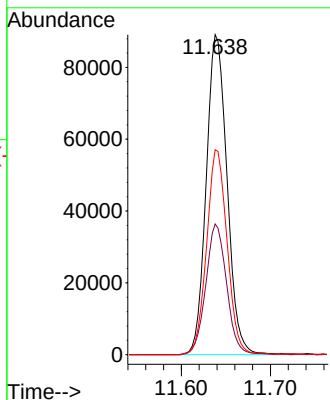
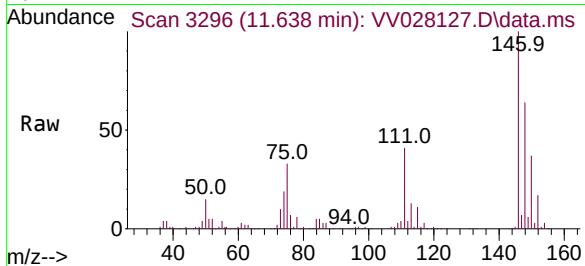




#67
1,2-Dichlorobenzene
Concen: 5.091 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

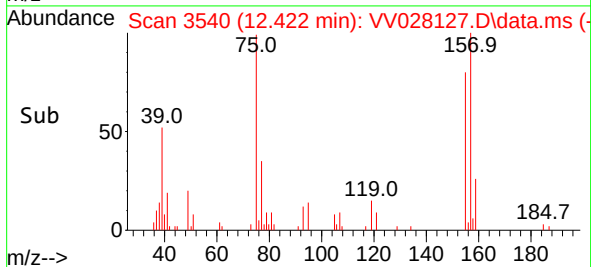
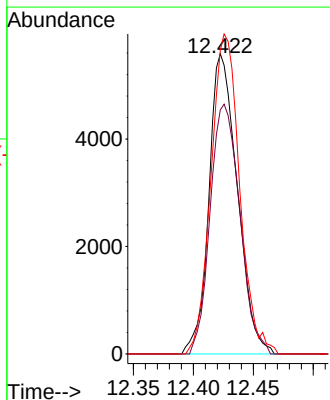
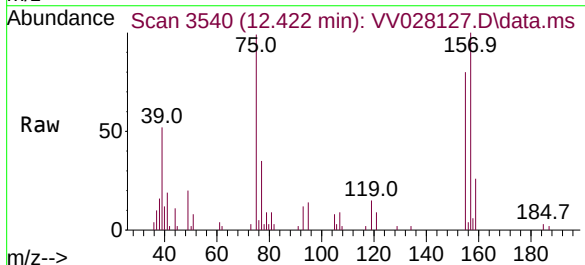
Instrument :
MSVOA_V
ClientSampleId :

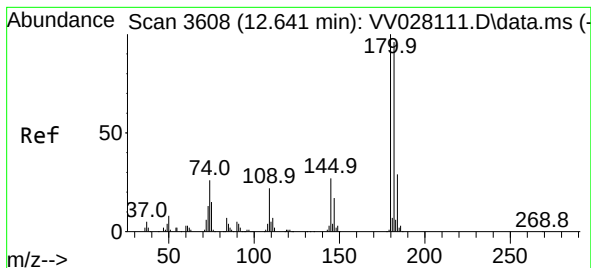
Tgt Ion:146 Resp: 144330
Ion Ratio Lower Upper
146 100
111 40.8 32.6 49.0
148 64.1 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.852 ug/L
RT: 12.422 min Scan# 3540
Delta R.T. -0.000 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

Tgt Ion: 75 Resp: 9165
Ion Ratio Lower Upper
75 100
155 81.3 73.6 110.4
157 101.2 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 4.948 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

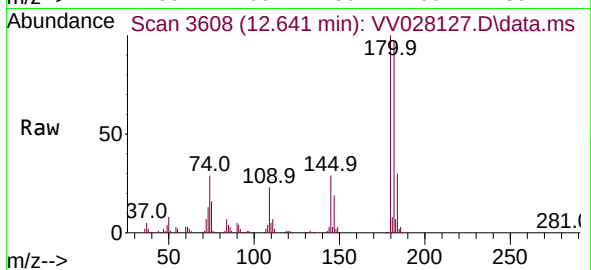
Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 117526

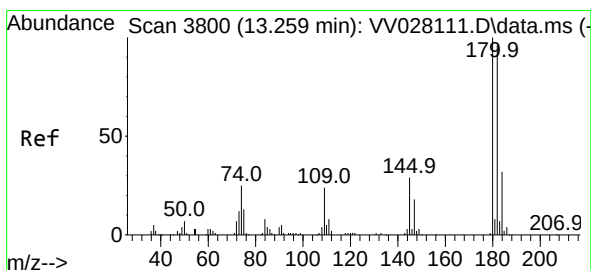
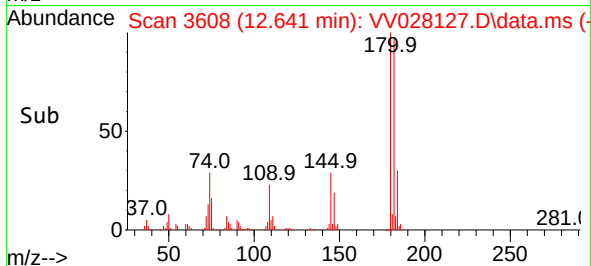
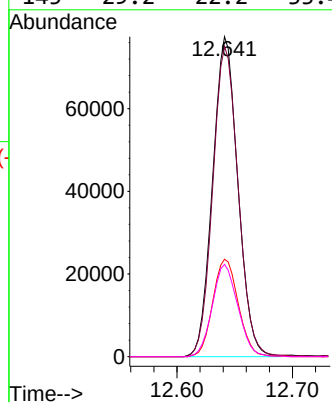
Ion Ratio Lower Upper

180 100

182 97.7 75.5 113.3

184 30.9 23.7 35.5

145 29.2 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 5.086 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV028127.D

Acq: 26 Sep 2022 19:58

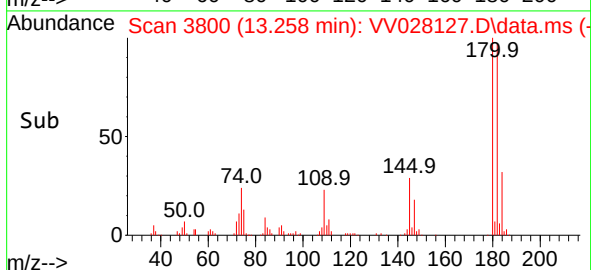
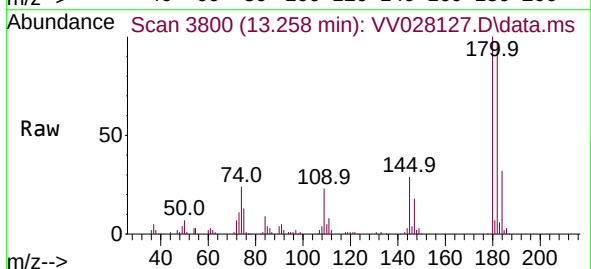
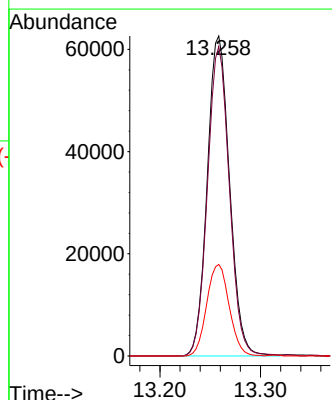
Tgt Ion:180 Resp: 96613

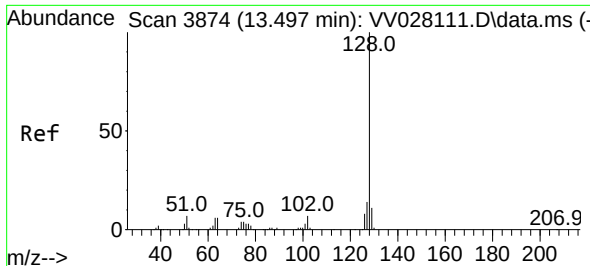
Ion Ratio Lower Upper

180 100

182 94.8 76.3 114.5

145 28.7 22.9 34.3

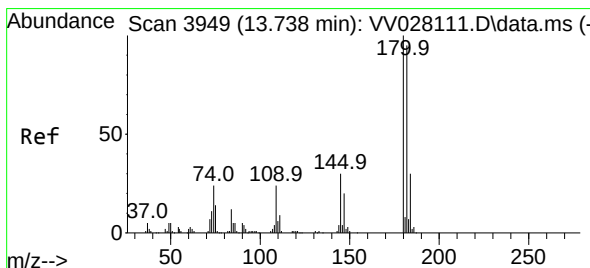
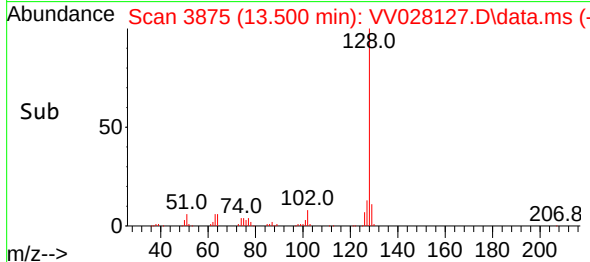
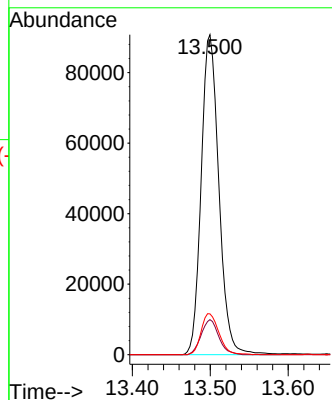
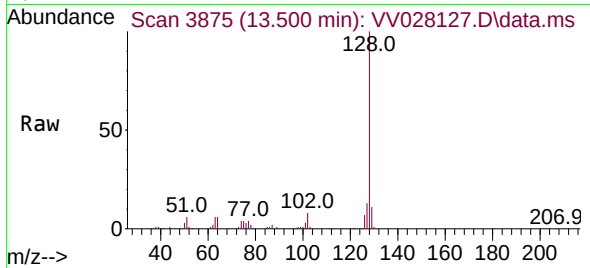




#71
Naphthalene
Concen: 4.603 ug/L
RT: 13.500 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 143199
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.2
127 12.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.977 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VV028127.D
Acq: 26 Sep 2022 19:58

Tgt Ion:180 Resp: 85520
Ion Ratio Lower Upper
180 100
182 95.1 77.4 116.0
145 31.7 24.6 36.8

