

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027335.D
 Acq On : 12 Aug 2022 18:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 01:39:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 08:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	173873	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	181841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	96736	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	58962	3.903	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.561	69	45360	4.135	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.101	63	106646	3.893	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	3.883	46	140805	55.038	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.080%
24) Chloroform-d	4.339	84	126124	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.024	65	61011	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.040	84	220862	4.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.063	67	73452	4.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.310	98	196976	4.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.619	79	26835	4.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.085	63	115888	52.124	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56717	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	76900	4.606	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	111228	5.383	ug/L	99
3) Chloromethane	1.237	50	94321	4.563	ug/L	98
5) Vinyl chloride	1.307	62	92578	4.802	ug/L	98
6) Bromomethane	1.516	94	45440	5.048	ug/L	100
8) Chloroethane	1.577	64	51785	4.831	ug/L	100
9) Trichlorofluoromethane	1.745	101	128939	5.010	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	62881	5.202	ug/L	98
12) 1,1-Dichloroethene	2.111	96	58296	4.656	ug/L	89
13) Acetone	2.169	43	68276	36.114	ug/L	91
14) Carbon disulfide	2.285	76	228376	4.555	ug/L	100
15) Methyl Acetate	2.429	43	21626	4.698	ug/L	93
16) Methylene chloride	2.497	84	83022	4.129	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	138233	4.730	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	71493	4.642	ug/L	97
19) 1,1-Dichloroethane	3.179	63	138355	4.692	ug/L	97
21) 2-Butanone	3.966	43	136405	52.989	ug/L	94
22) cis-1,2-Dichloroethene	3.902	96	74014	4.887	ug/L	95
23) Bromochloromethane	4.240	128	33385	4.716	ug/L	97
25) Chloroform	4.365	83	145684	4.809	ug/L	99

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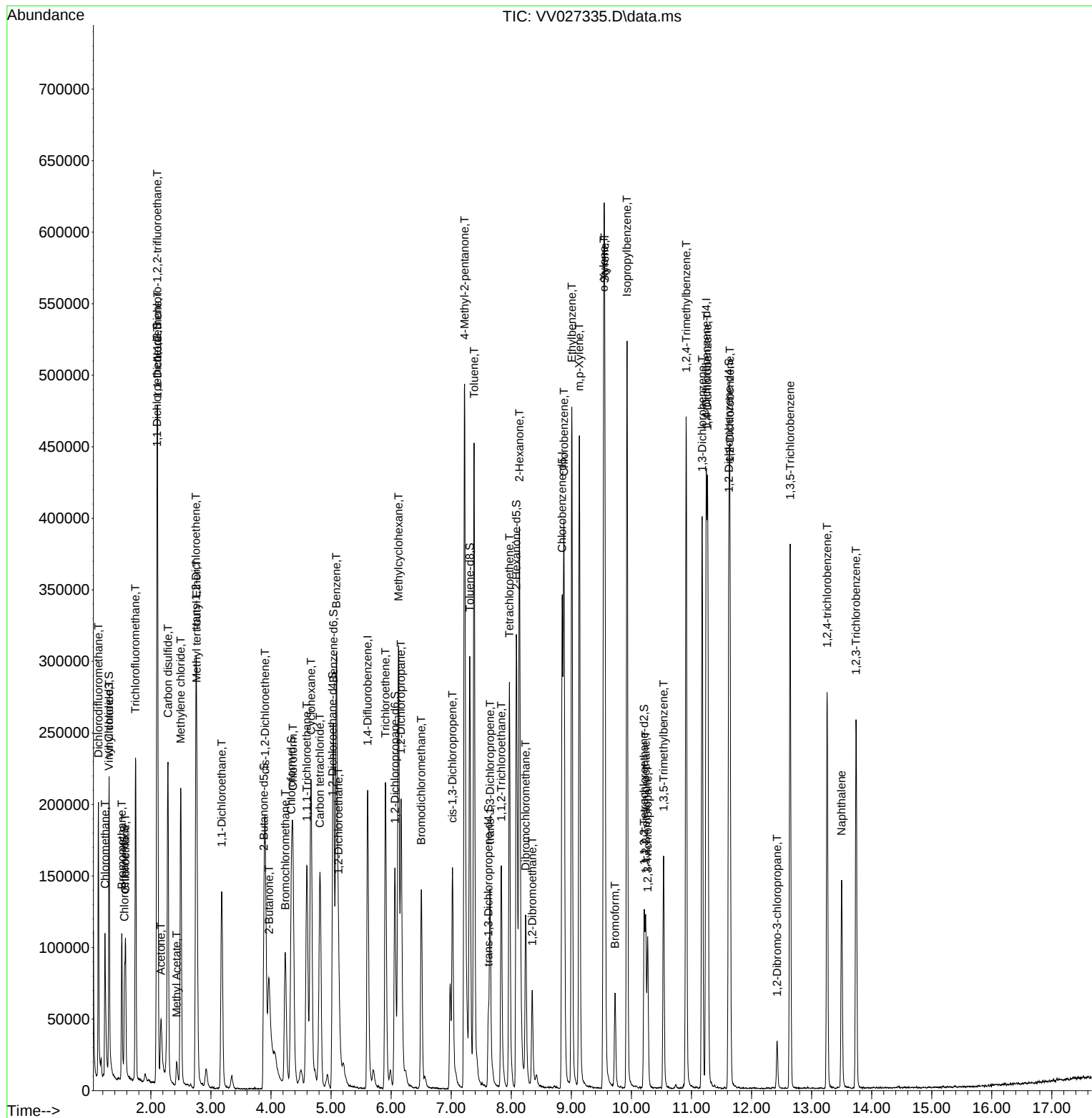
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	80928	4.674	ug/L	99
29) 1,1,1-Trichloroethane	4.597	97	124045	4.847	ug/L	98
30) Cyclohexane	4.667	56	107424	5.182	ug/L	99
31) Carbon tetrachloride	4.815	117	110794	4.975	ug/L	99
33) Benzene	5.088	78	295715	4.758	ug/L	100
34) Trichloroethene	5.905	95	74713	4.830	ug/L	99
35) Methylcyclohexane	6.124	83	114475	5.375	ug/L	96
37) 1,2-Dichloropropane	6.166	63	75308	4.902	ug/L	98
38) Bromodichloromethane	6.503	83	92386	4.666	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	98685	5.255	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	374511	47.238	ug/L	99
42) Toluene	7.381	91	325060	5.242	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	83302	5.071	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	50571	4.617	ug/L	98
47) Tetrachloroethene	7.969	164	63159	5.199	ug/L	99
48) 2-Hexanone	8.137	43	277642	48.802	ug/L	99
49) Dibromochloromethane	8.239	129	61122	4.767	ug/L	99
50) 1,2-Dibromoethane	8.349	107	46438	4.769	ug/L	98
51) Chlorobenzene	8.876	112	199878	4.949	ug/L	99
52) Ethylbenzene	9.008	91	323943	5.199	ug/L	100
53) m,p-Xylene	9.133	106	127628	5.371	ug/L	97
54) o-Xylene	9.542	106	119698	5.150	ug/L	94
55) Styrene	9.558	104	213556	5.343	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	54424	4.458	ug/L	96
59) Bromoform	9.728	173	29486	4.520	ug/L	98
60) Isopropylbenzene	9.928	105	319814	5.249	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	41267	4.429	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	81985	4.868	ug/L	95
63) 1,2,4-Trimethylbenzene	10.911	105	245677	5.089	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	157866	5.185	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	155057	5.061	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	139246	4.911	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	8368	4.299	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	112519	5.125	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	81536	4.970	ug/L	98
71) Naphthalene	13.500	128	115148	4.542	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	73723	4.821	ug/L	97

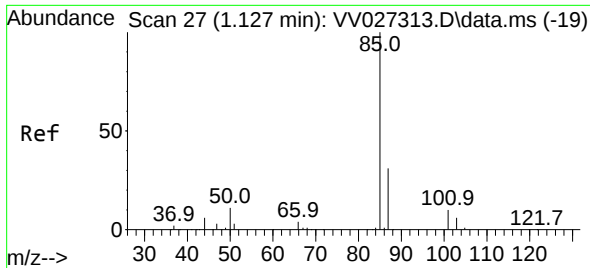
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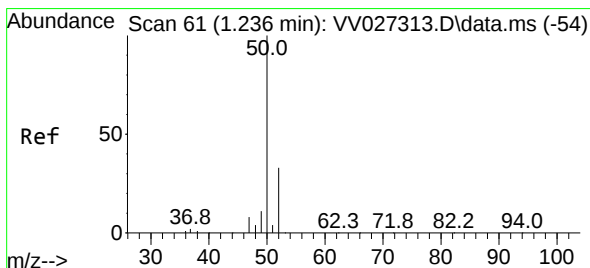
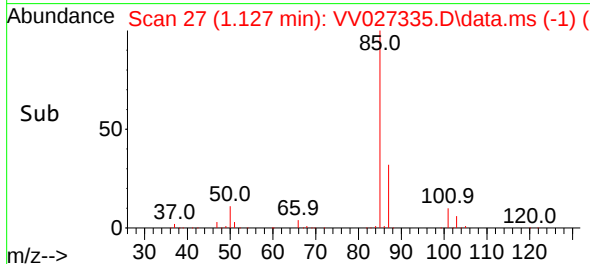
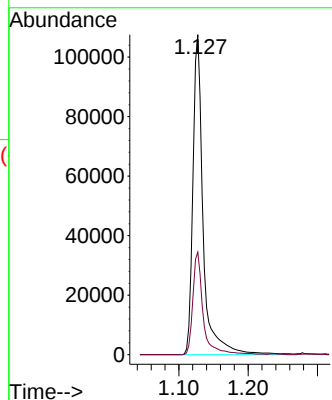
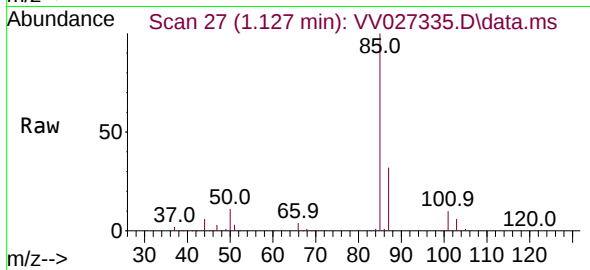




#2
 Dichlorodifluoromethane
 Concen: 5.383 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027335.D
 Acq: 12 Aug 2022 18:13

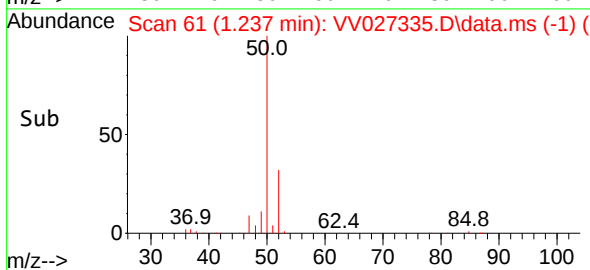
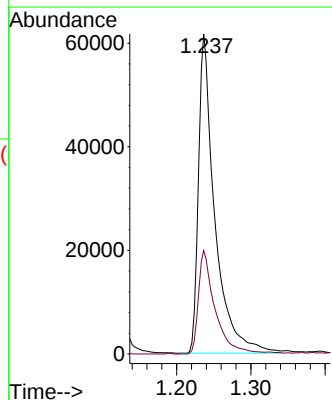
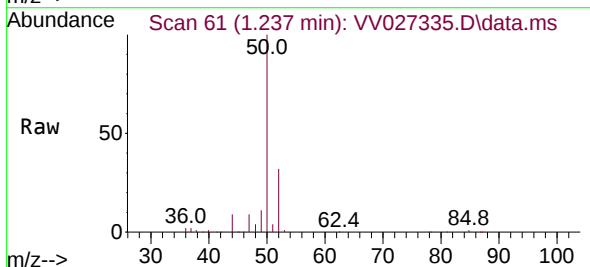
Instrument :
 MSVOA_V
 ClientSampleId :

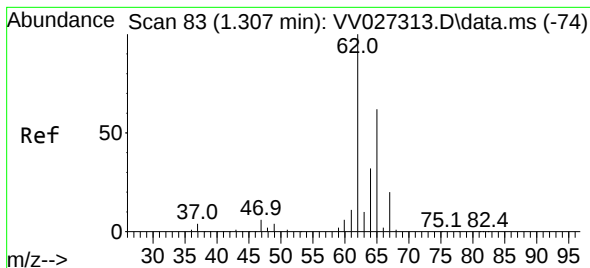
Tgt Ion: 85 Resp: 111228
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.2 39.4



#3
 Chloromethane
 Concen: 4.563 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027335.D
 Acq: 12 Aug 2022 18:13

Tgt Ion: 50 Resp: 94321
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.4





#5

Vinyl chloride

Concen: 4.802 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

Instrument :

MSVOA_V

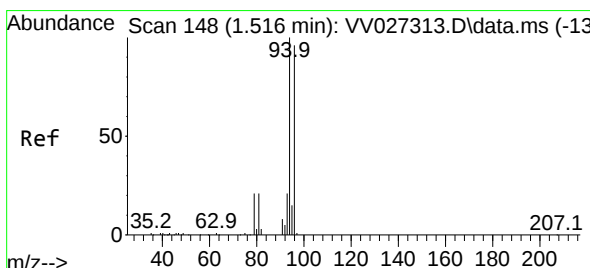
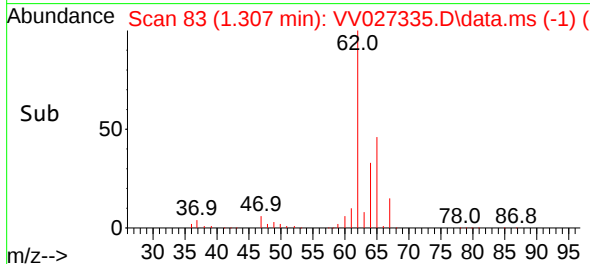
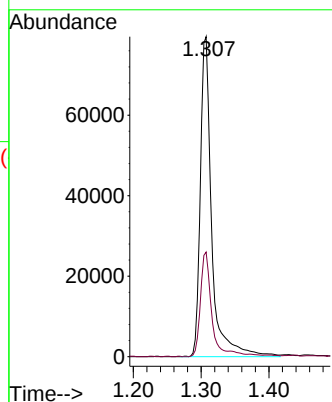
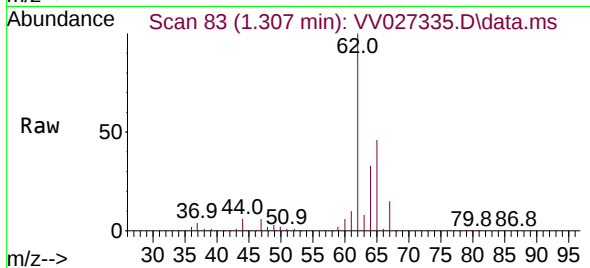
ClientSampleId :

Tgt Ion: 62 Resp: 92578

Ion Ratio Lower Upper

62 100

64 32.7 23.7 44.1



#6

Bromomethane

Concen: 5.048 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.000 min

Lab File: VV027335.D

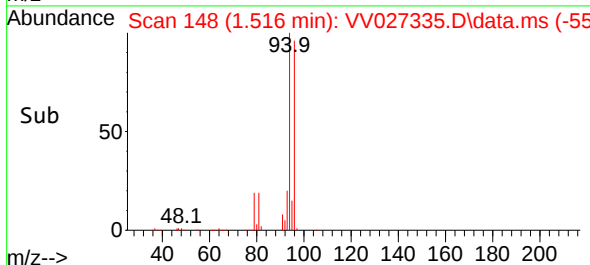
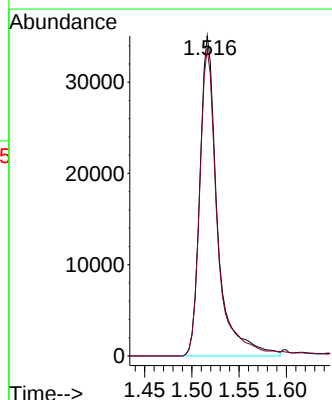
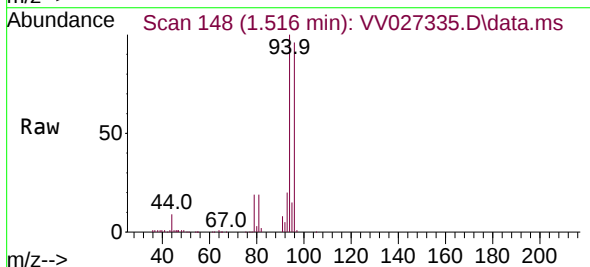
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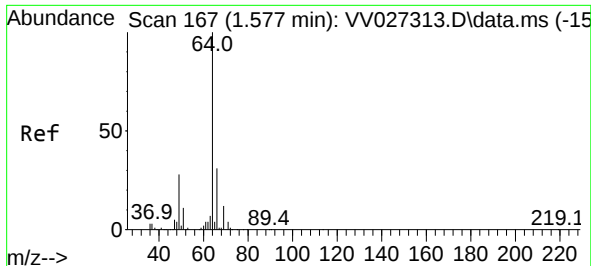
Tgt Ion: 94 Resp: 45440

Ion Ratio Lower Upper

94 100

96 96.1 67.2 124.8

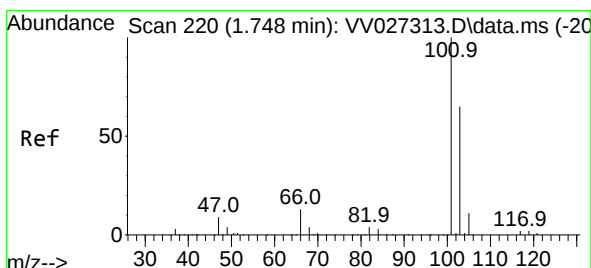
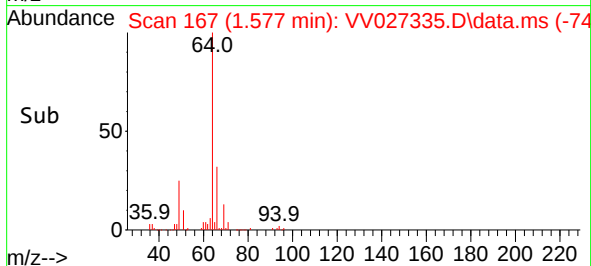
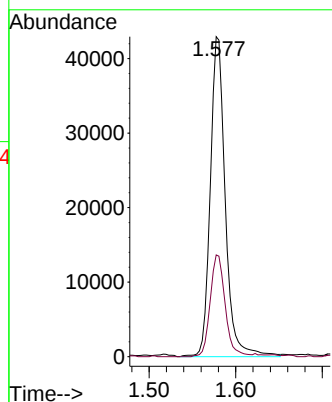
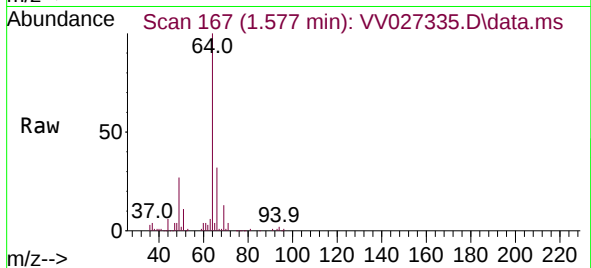




#8
Chloroethane
Concen: 4.831 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

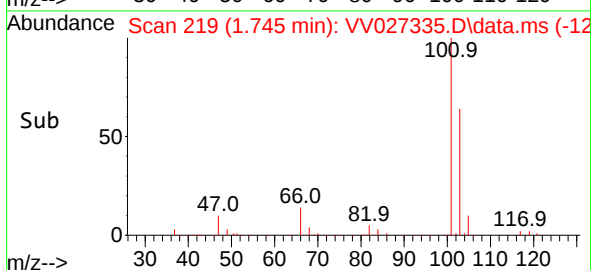
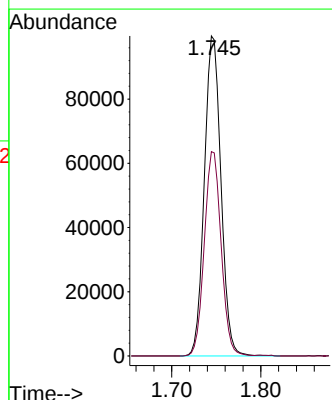
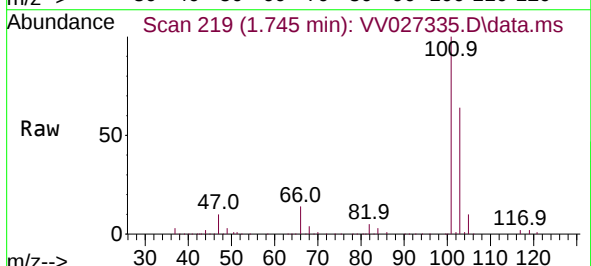
Instrument :
MSVOA_V
ClientSampleId :

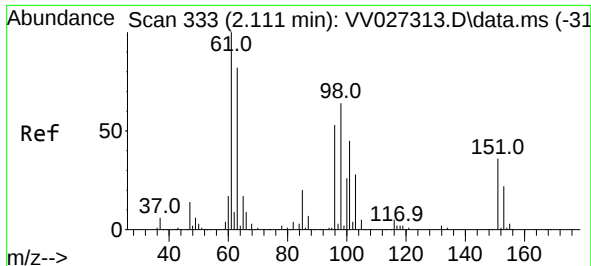
Tgt Ion: 64 Resp: 51785
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.010 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

Tgt Ion:101 Resp: 128939
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

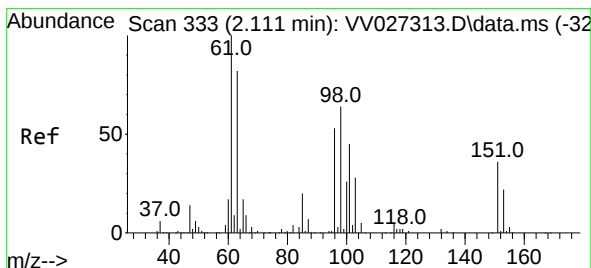
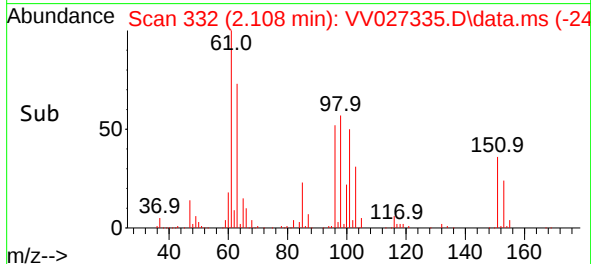
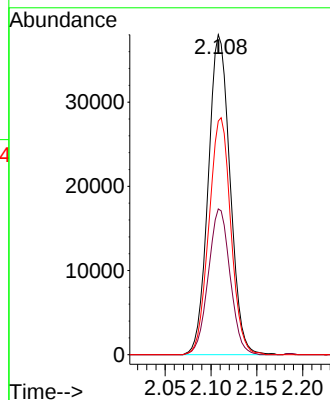
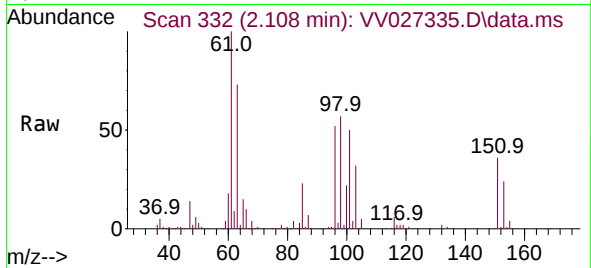




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.202 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV027335.D
 Acq: 12 Aug 2022 18:13

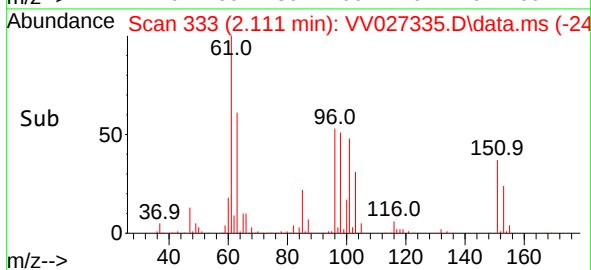
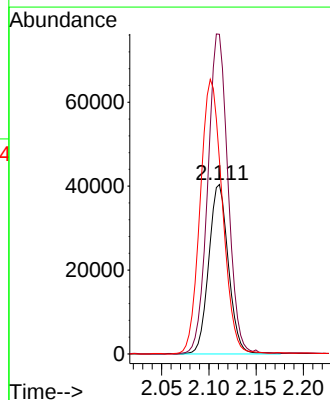
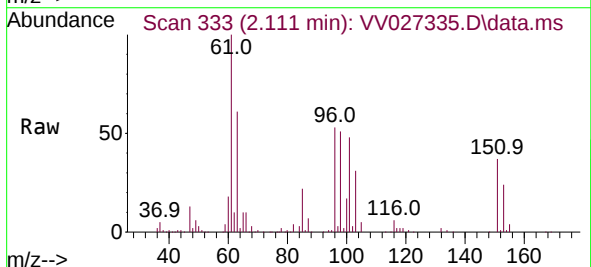
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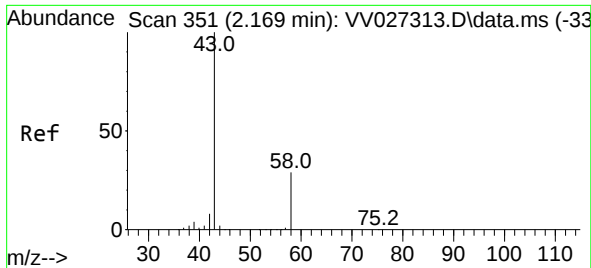
Tgt Ion:101 Resp: 62881
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.2 54.4
 151 74.5 62.0 93.0



#12
 1,1-Dichloroethene
 Concen: 4.656 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027335.D
 Acq: 12 Aug 2022 18:13

Tgt Ion: 96 Resp: 58296
 Ion Ratio Lower Upper
 96 100
 61 188.6 130.7 242.7
 63 114.6 101.4 188.2





#13

Acetone

Concen: 36.114 ug/L

RT: 2.169 min Scan# 351

Delta R.T. 0.000 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

Instrument :

MSVOA_V

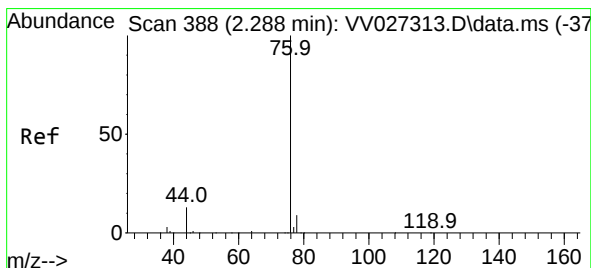
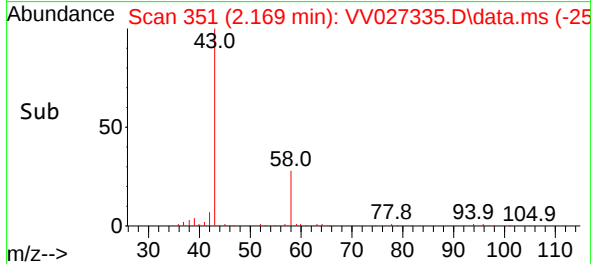
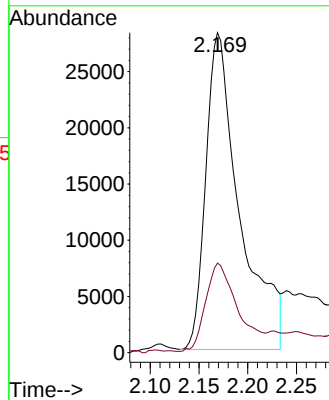
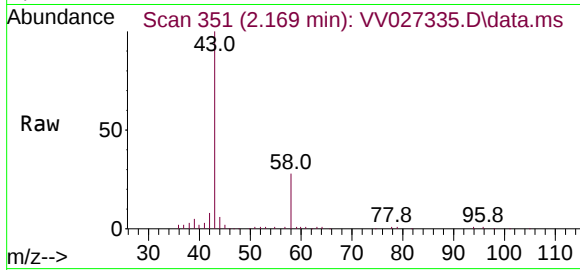
ClientSampleId :

Tgt Ion: 43 Resp: 68276

Ion Ratio Lower Upper

43 100

58 26.5 0.0 63.2



#14

Carbon disulfide

Concen: 4.555 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.003 min

Lab File: VV027335.D

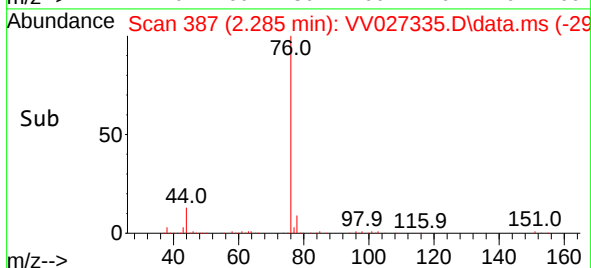
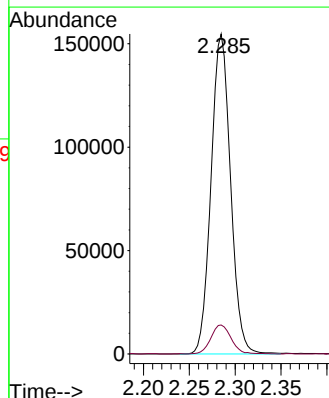
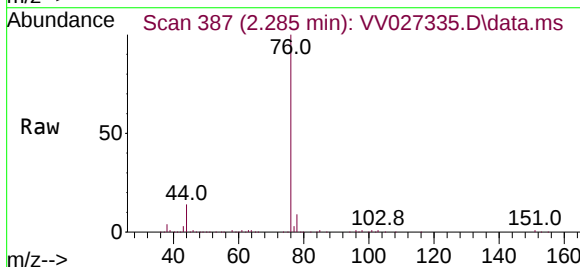
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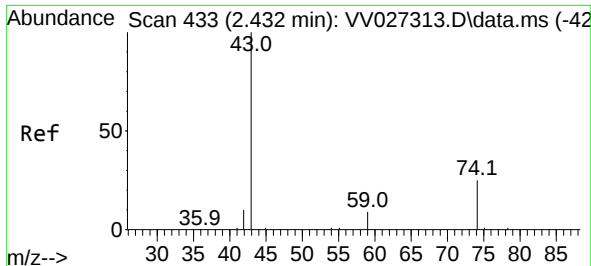
Tgt Ion: 76 Resp: 228376

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

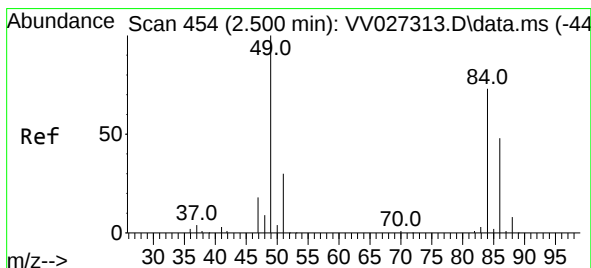
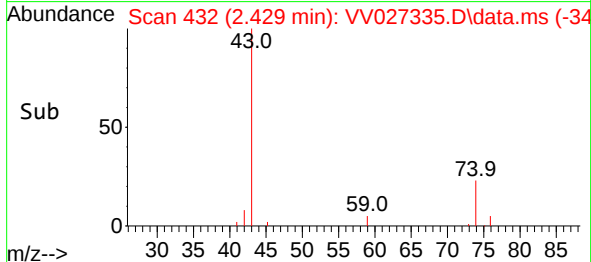
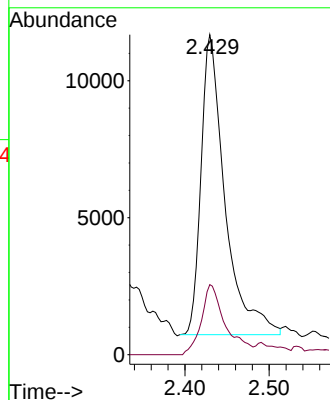
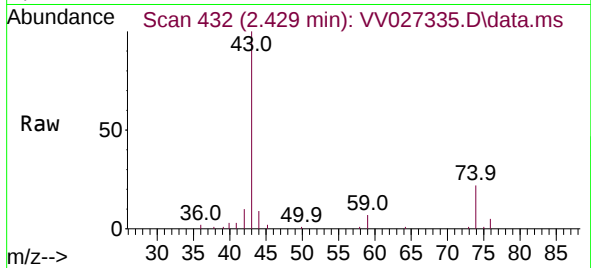




#15
Methyl Acetate
Concen: 4.698 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

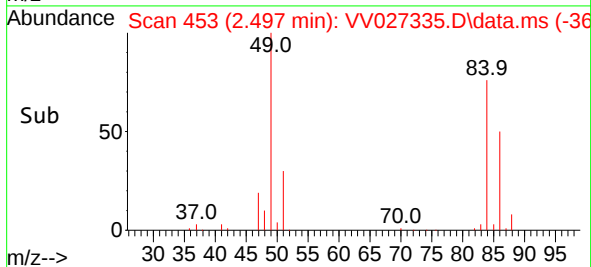
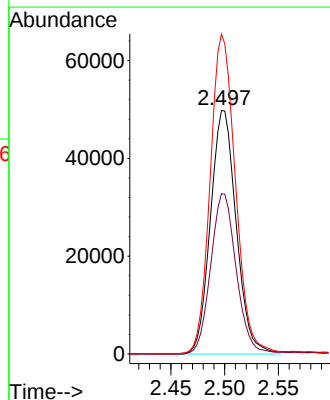
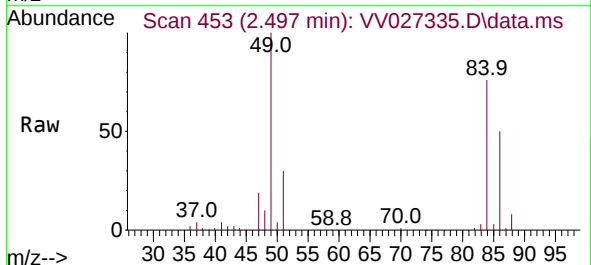
Instrument :
MSVOA_V
ClientSampleId :

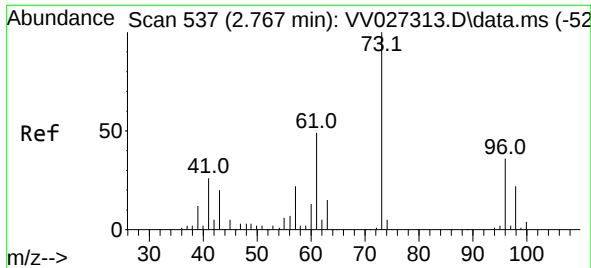
Tgt Ion: 43 Resp: 21626
Ion Ratio Lower Upper
43 100
74 23.6 21.8 32.8



#16
Methylene chloride
Concen: 4.129 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

Tgt Ion: 84 Resp: 83022
Ion Ratio Lower Upper
84 100
86 65.8 45.1 83.9
49 131.4 91.2 169.4

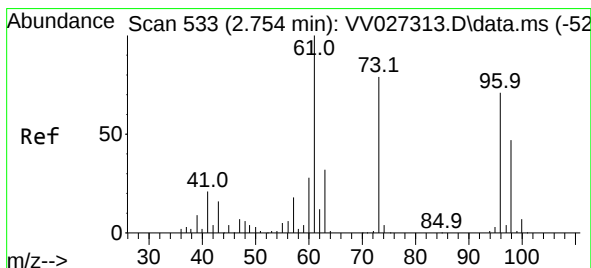
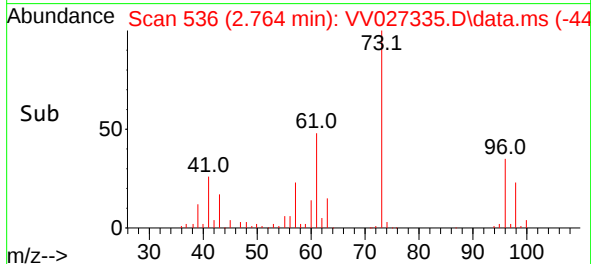
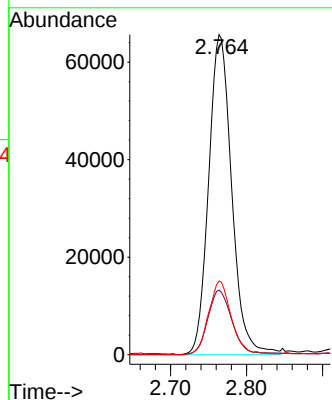
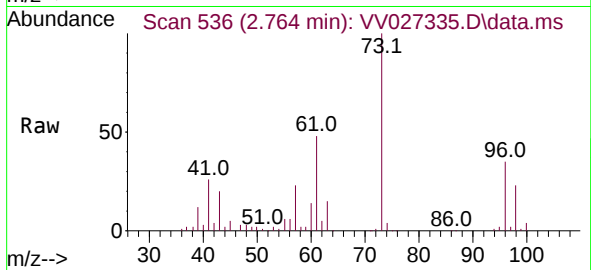




#17
Methyl tert-butyl Ether
Concen: 4.730 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

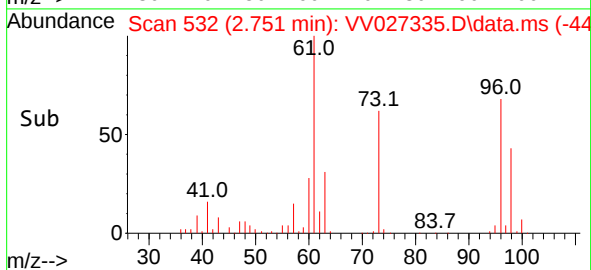
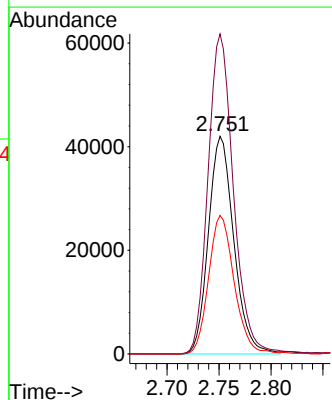
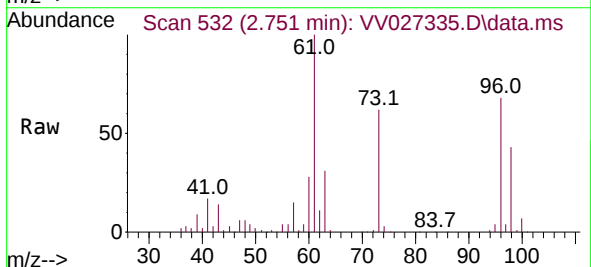
Instrument :
MSVOA_V
ClientSampleId :

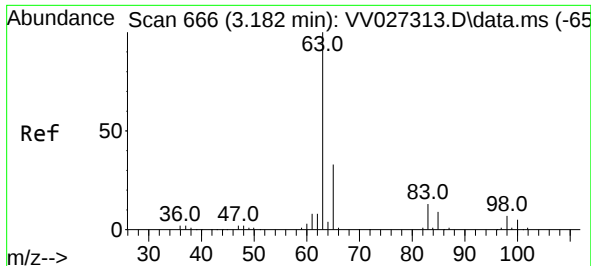
Tgt Ion: 73 Resp: 138233
Ion Ratio Lower Upper
73 100
43 21.5 15.8 23.8
57 22.3 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.642 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

Tgt Ion: 96 Resp: 71493
Ion Ratio Lower Upper
96 100
61 147.0 99.6 185.0
98 63.6 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.692 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

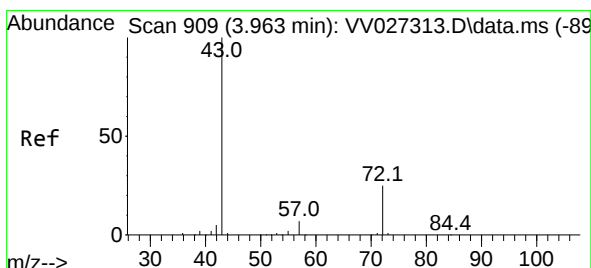
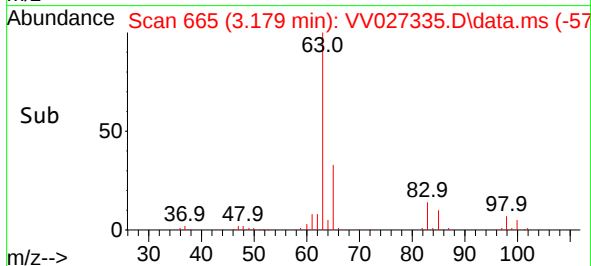
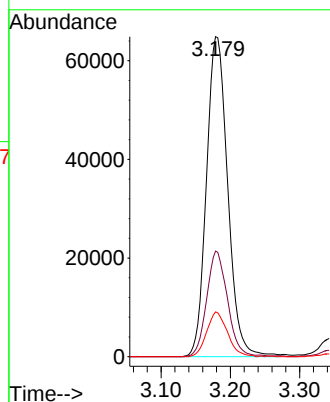
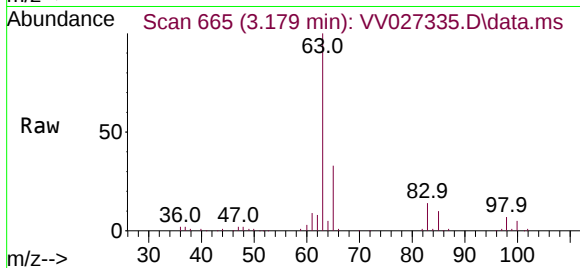
Tgt Ion: 63 Resp: 138355

Ion Ratio Lower Upper

63 100

65 33.0 21.6 40.2

83 14.0 9.3 17.3



#21

2-Butanone

Concen: 52.989 ug/L

RT: 3.966 min Scan# 910

Delta R.T. 0.003 min

Lab File: VV027335.D

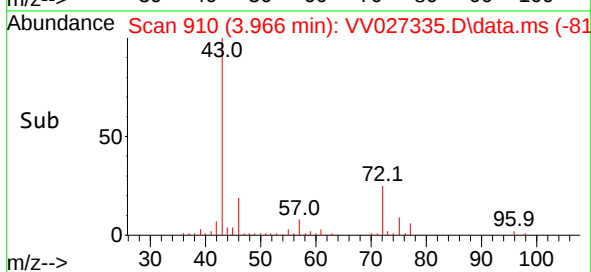
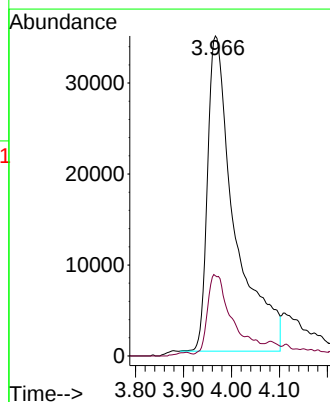
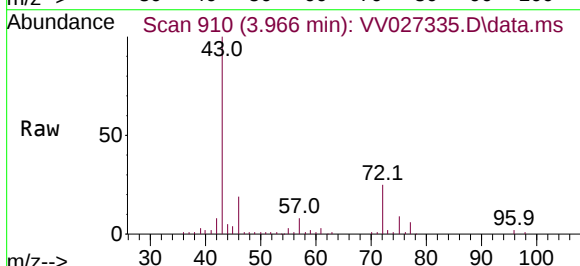
Acq: 12 Aug 2022 18:13

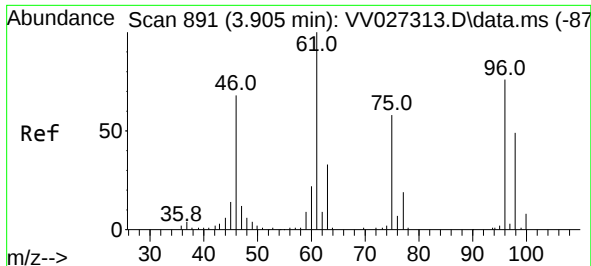
Tgt Ion: 43 Resp: 136405

Ion Ratio Lower Upper

43 100

72 22.7 12.9 38.6





#22

cis-1,2-Dichloroethene

Concen: 4.887 ug/L

RT: 3.902 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

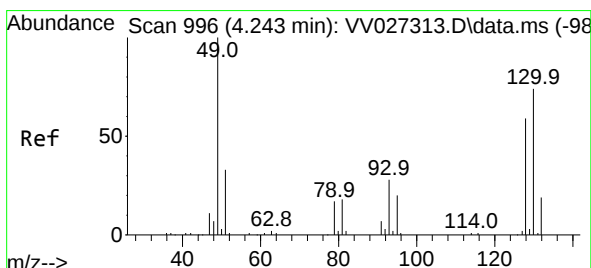
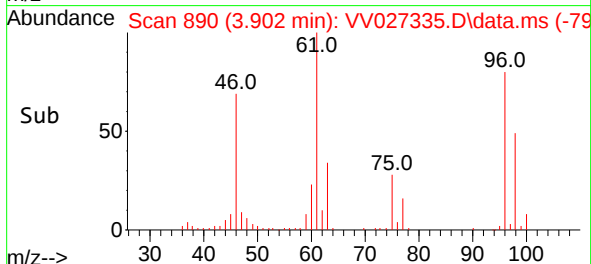
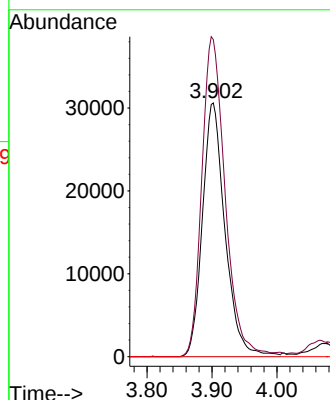
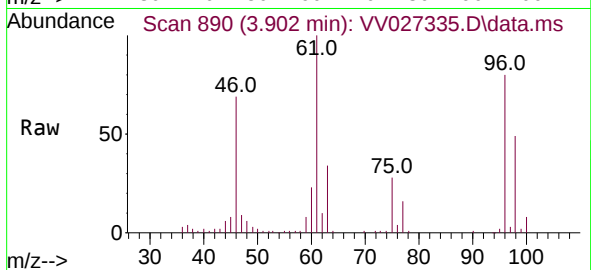
Tgt Ion: 96 Resp: 74014

Ion Ratio Lower Upper

96 100

61 125.0 91.3 169.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.716 ug/L

RT: 4.240 min Scan# 995

Delta R.T. -0.003 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

Tgt Ion: 128 Resp: 33385

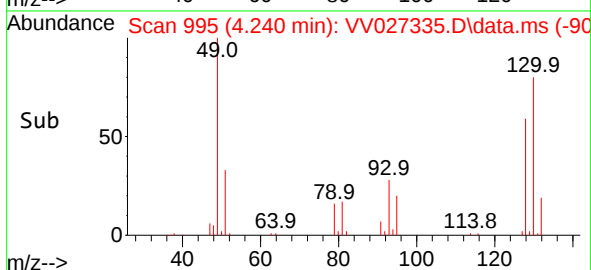
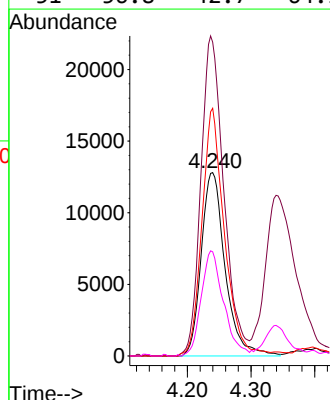
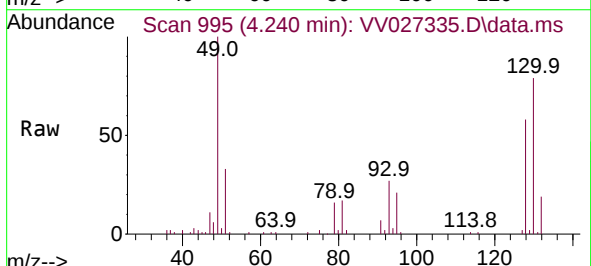
Ion Ratio Lower Upper

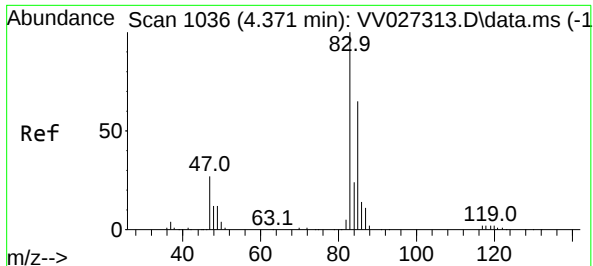
128 100

49 171.2 118.5 220.1

130 135.1 90.3 167.7

51 56.8 42.7 64.1





#25

Chloroform

Concen: 4.809 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

Instrument :

MSVOA_V

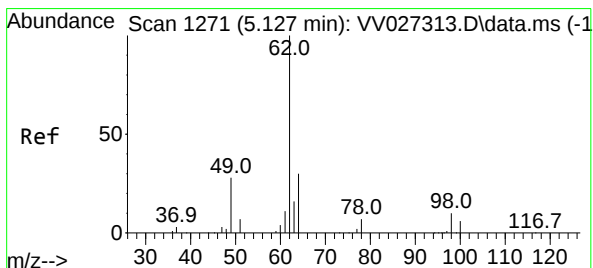
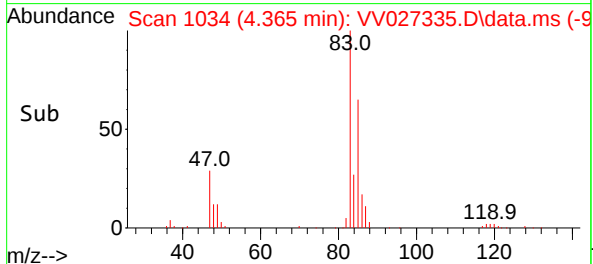
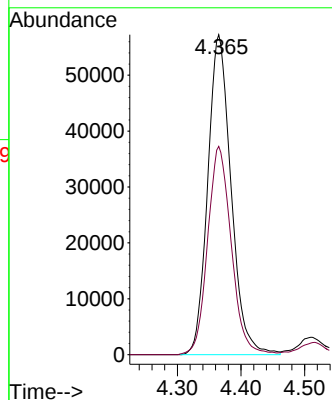
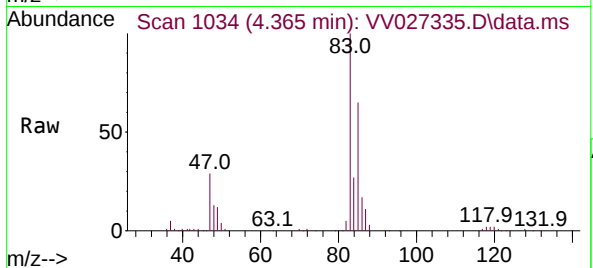
ClientSampleId :

Tgt Ion: 83 Resp: 145684

Ion Ratio Lower Upper

83 100

85 65.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.674 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV027335.D

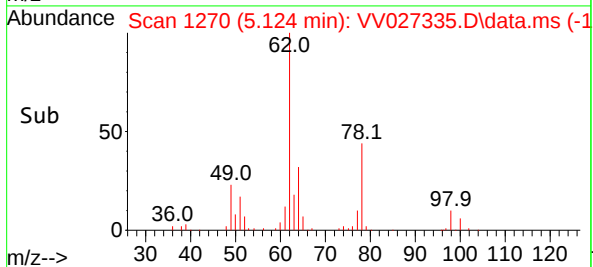
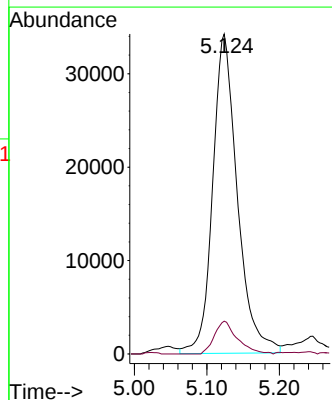
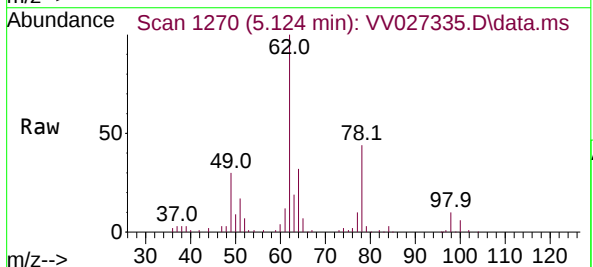
Acq: 12 Aug 2022 18:13

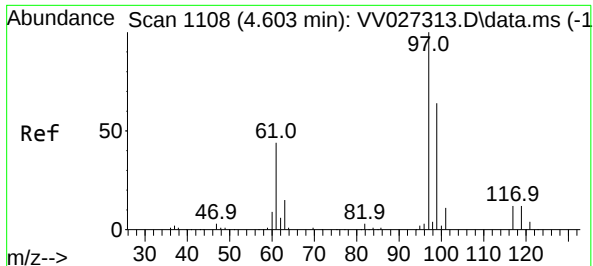
Tgt Ion: 62 Resp: 80928

Ion Ratio Lower Upper

62 100

98 10.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.847 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

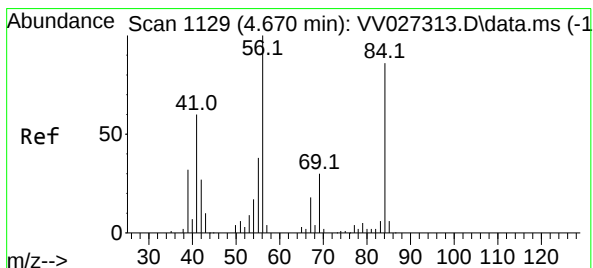
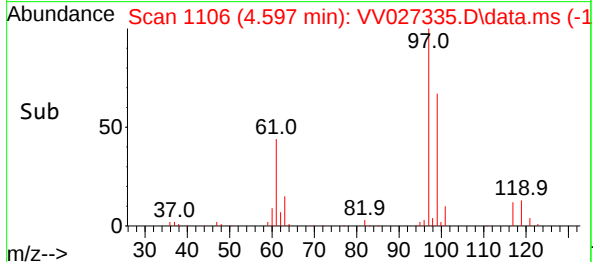
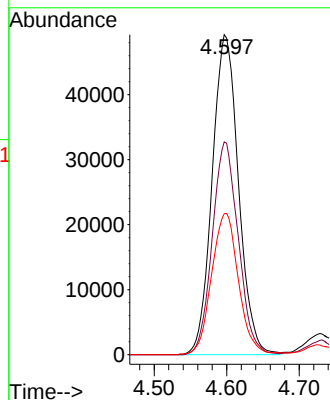
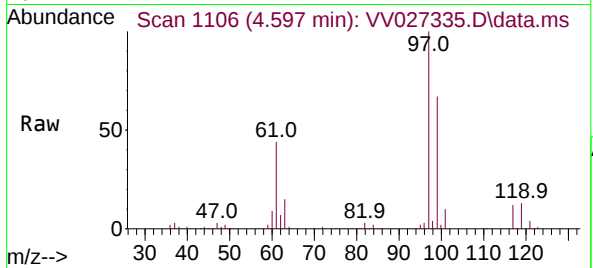
Tgt Ion: 97 Resp: 124045

Ion Ratio Lower Upper

97 100

99 65.8 50.8 76.2

61 45.4 36.5 54.7



#30

Cyclohexane

Concen: 5.182 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

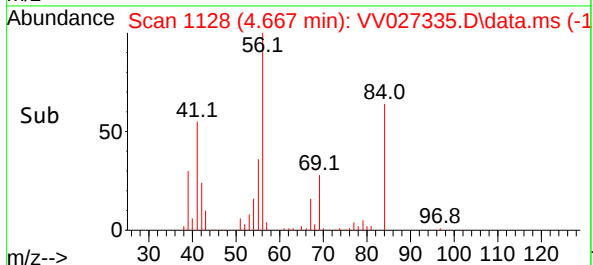
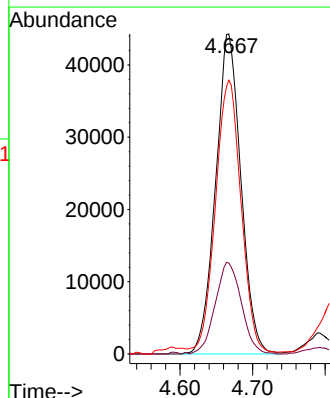
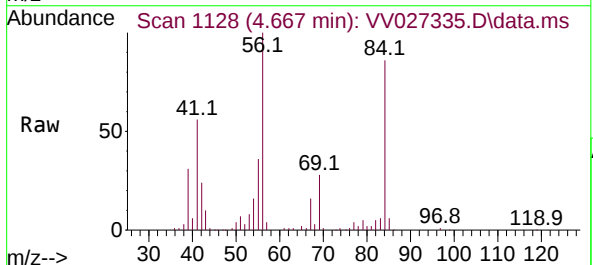
Tgt Ion: 56 Resp: 107424

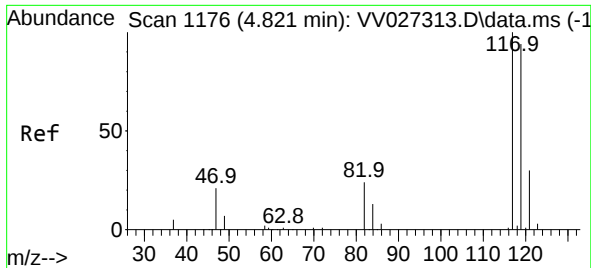
Ion Ratio Lower Upper

56 100

69 29.5 24.0 36.0

84 87.2 69.1 103.7

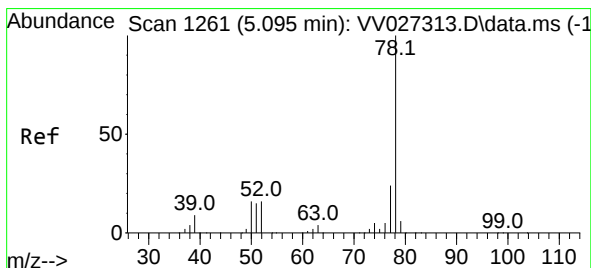
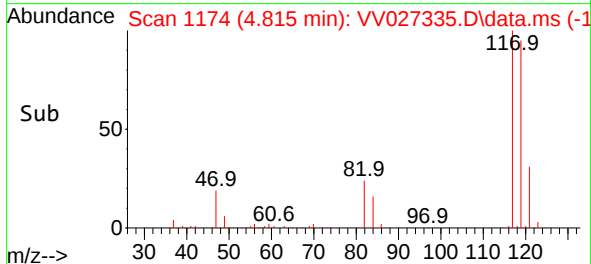
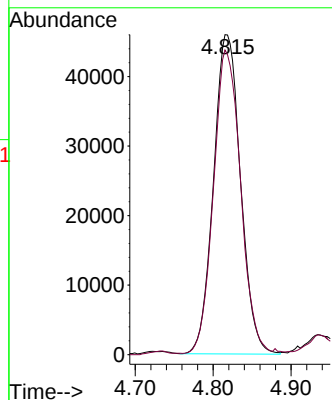
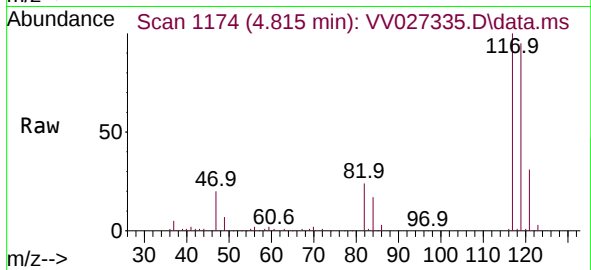




#31
Carbon tetrachloride
Concen: 4.975 ug/L
RT: 4.815 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

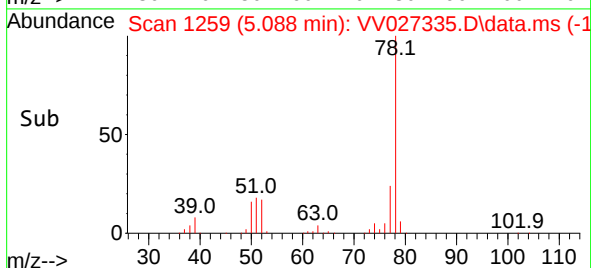
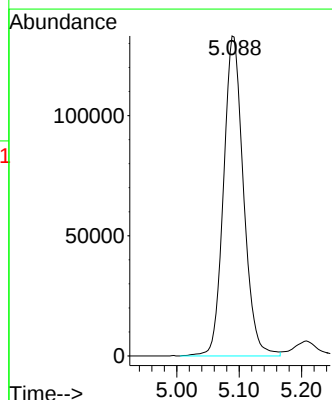
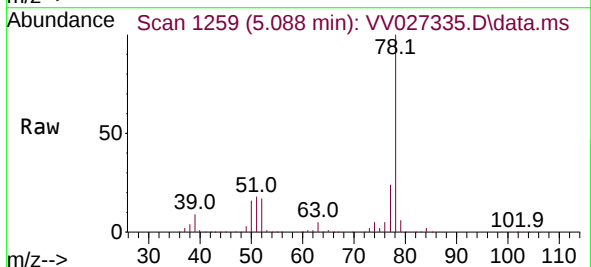
Instrument :
MSVOA_V
ClientSampleId :

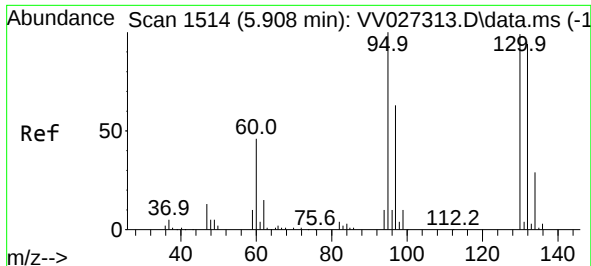
Tgt Ion:117 Resp: 110794
Ion Ratio Lower Upper
117 100
119 95.0 76.6 115.0



#33
Benzene
Concen: 4.758 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

Tgt Ion: 78 Resp: 295715





#34

Trichloroethene

Concen: 4.830 ug/L

RT: 5.905 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 74713

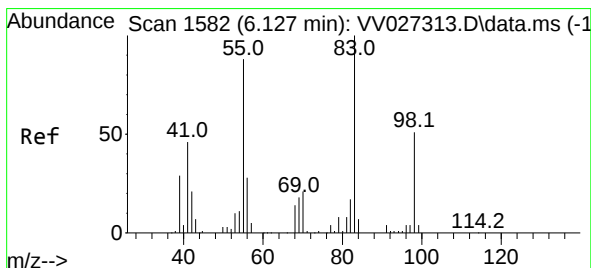
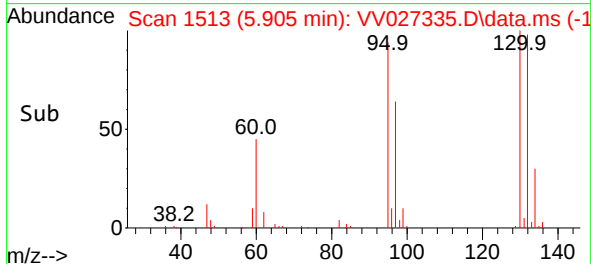
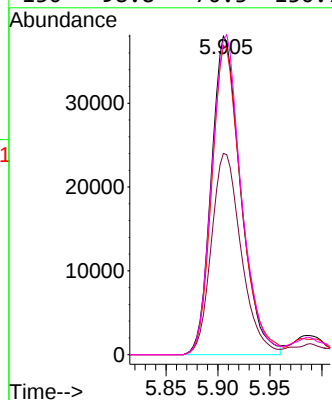
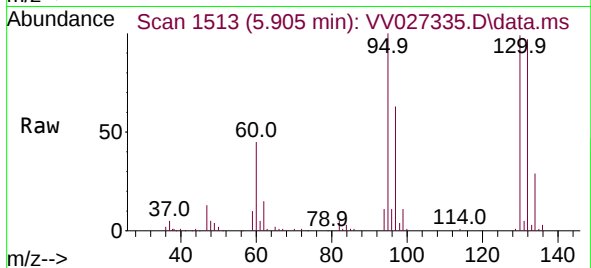
Ion Ratio Lower Upper

95 100

97 63.2 45.5 84.5

132 97.1 68.2 126.6

130 98.8 70.3 130.7



#35

Methylcyclohexane

Concen: 5.375 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.003 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

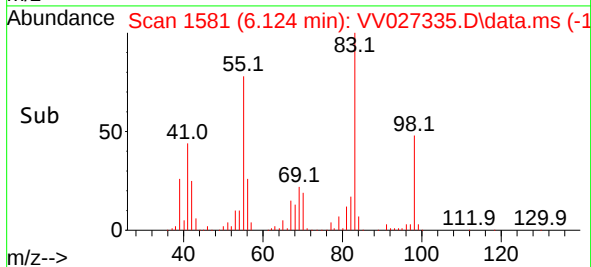
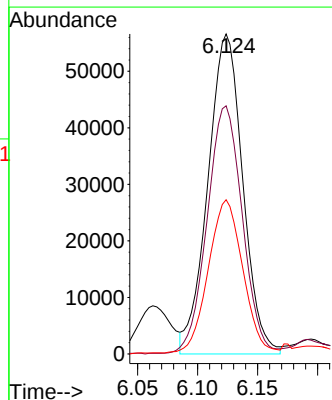
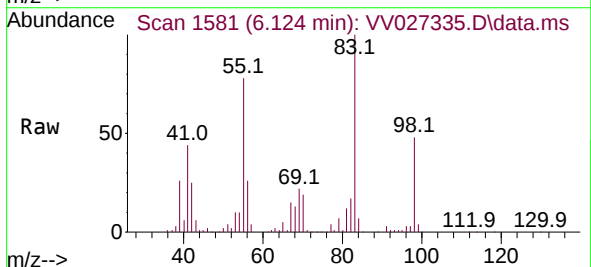
Tgt Ion: 83 Resp: 114475

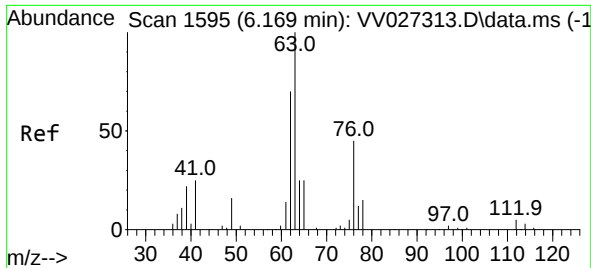
Ion Ratio Lower Upper

83 100

55 78.3 67.0 100.6

98 48.3 38.7 58.1

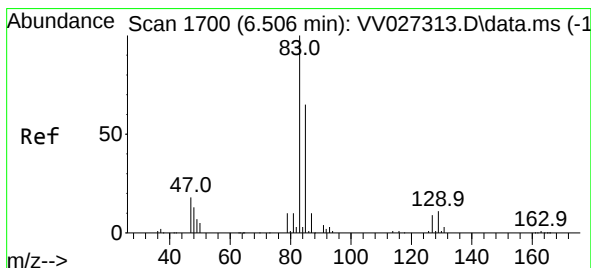
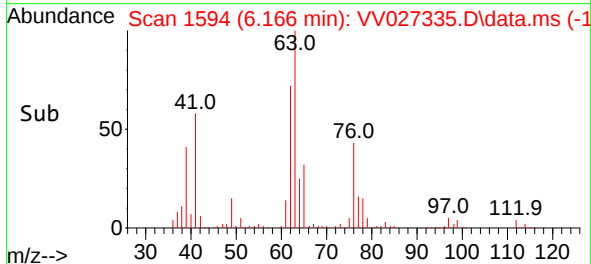
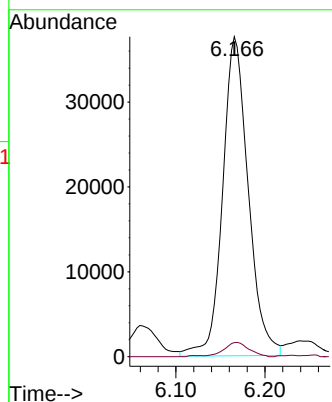
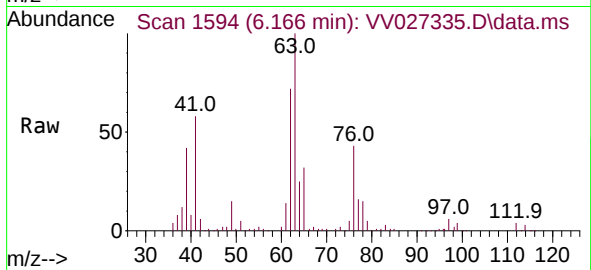




#37
1,2-Dichloropropane
Concen: 4.902 ug/L
RT: 6.166 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

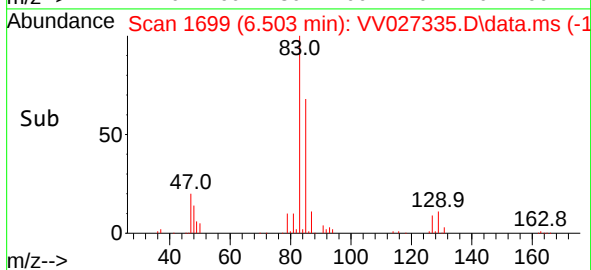
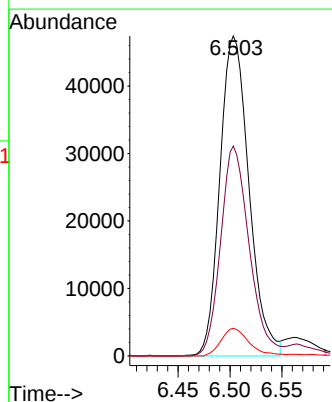
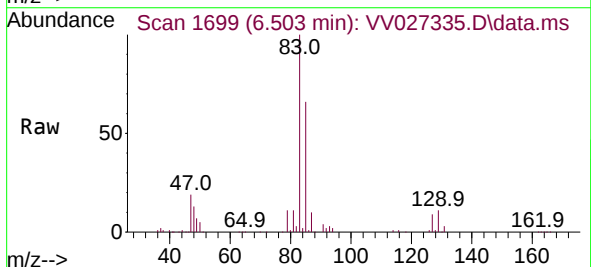
Instrument :
MSVOA_V
ClientSampleId :

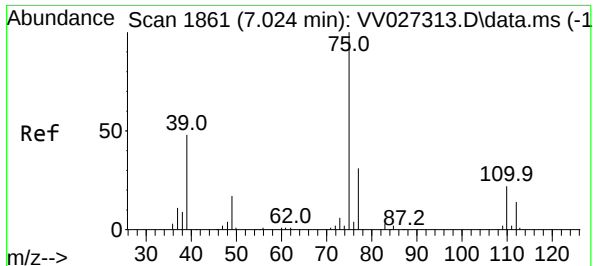
Tgt Ion: 63 Resp: 75308
Ion Ratio Lower Upper
63 100
112 4.3 4.0 6.0



#38
Bromodichloromethane
Concen: 4.666 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

Tgt Ion: 83 Resp: 92386
Ion Ratio Lower Upper
83 100
85 65.6 45.4 84.4
127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.255 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.003 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

Instrument :

MSVOA_V

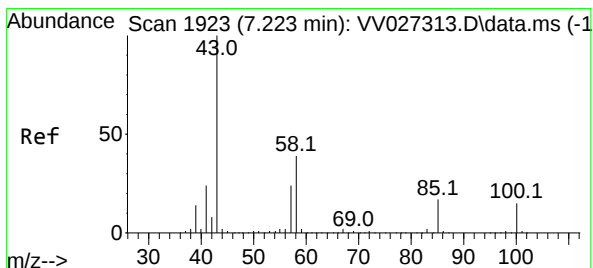
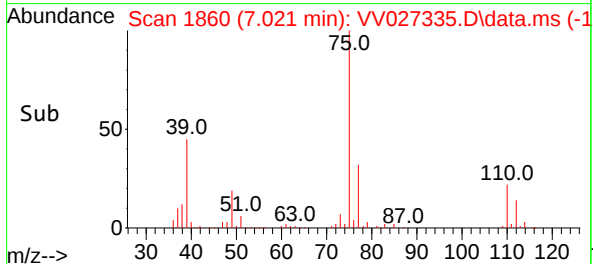
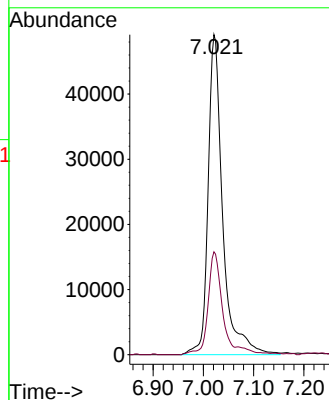
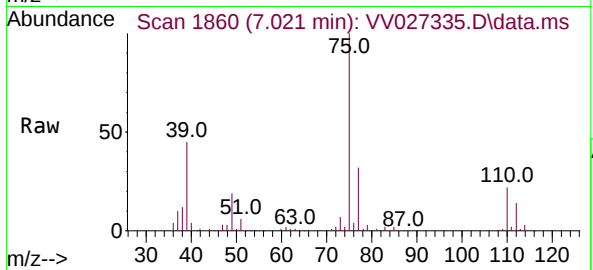
ClientSampleId :

Tgt Ion: 75 Resp: 98685

Ion Ratio Lower Upper

75 100

77 32.2 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 47.238 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

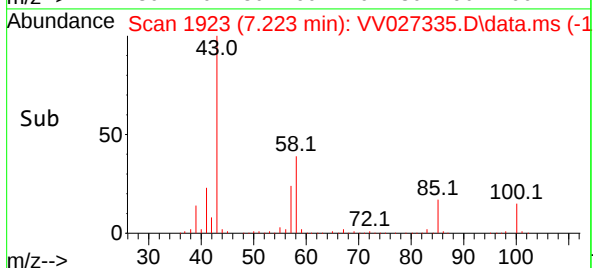
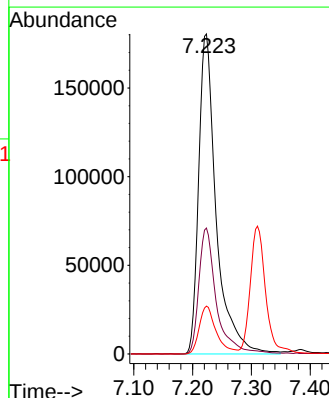
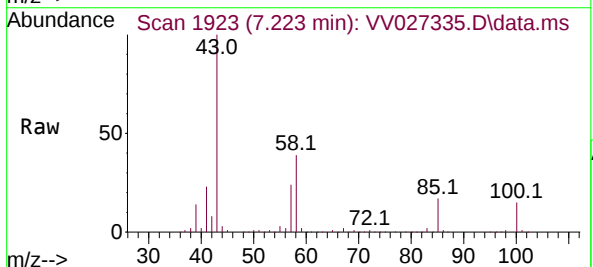
Tgt Ion: 43 Resp: 374511

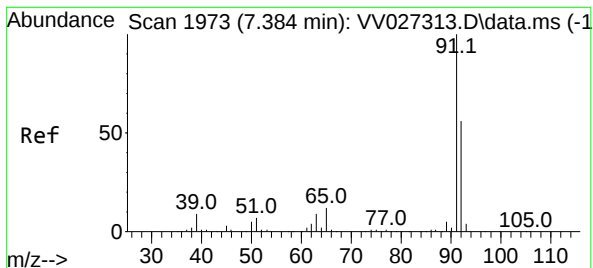
Ion Ratio Lower Upper

43 100

58 39.3 31.0 46.4

100 14.5 10.9 16.3





#42

Toluene

Concen: 5.242 ug/L

RT: 7.381 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

Instrument :

MSVOA_V

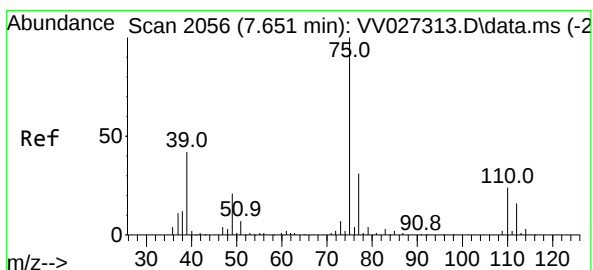
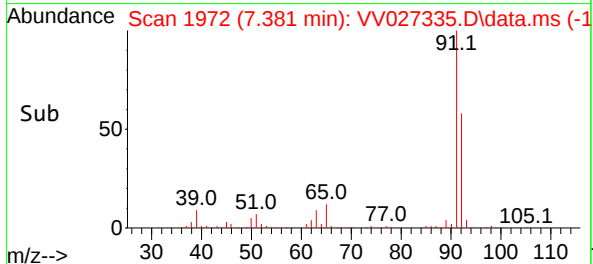
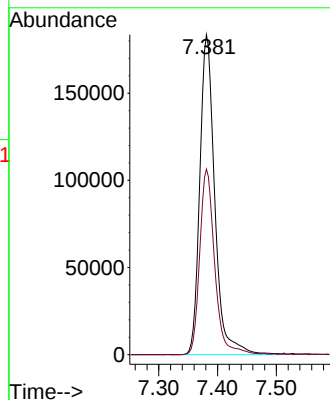
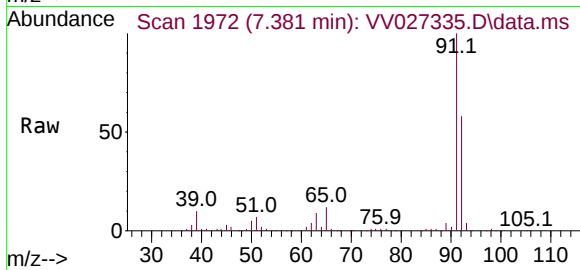
ClientSampleId :

Tgt Ion: 91 Resp: 325060

Ion Ratio Lower Upper

91 100

92 58.0 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 5.071 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV027335.D

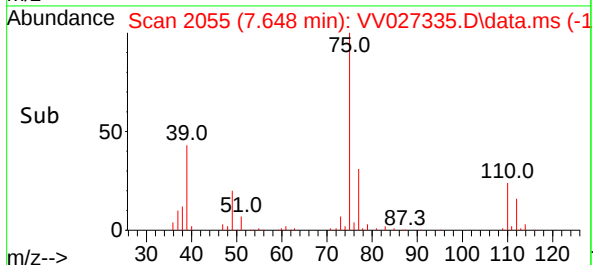
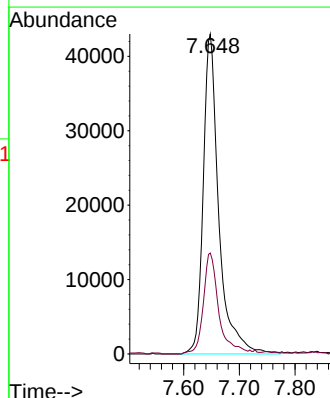
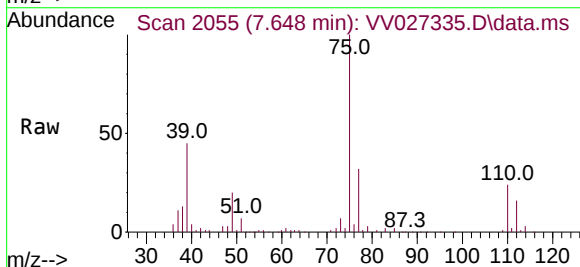
Acq: 12 Aug 2022 18:13

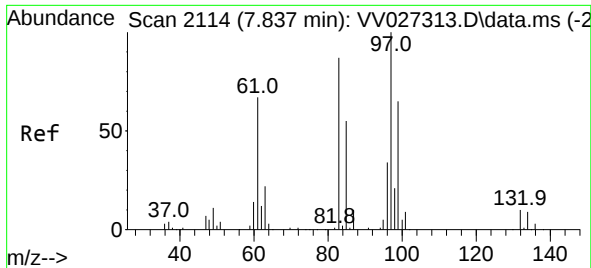
Tgt Ion: 75 Resp: 83302

Ion Ratio Lower Upper

75 100

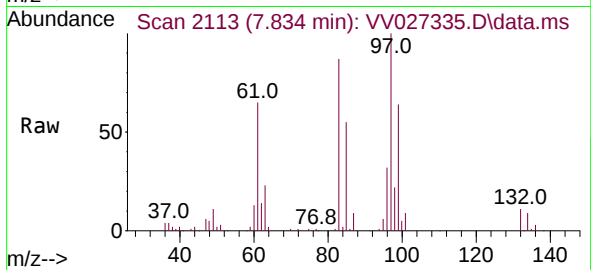
77 31.6 21.9 40.7



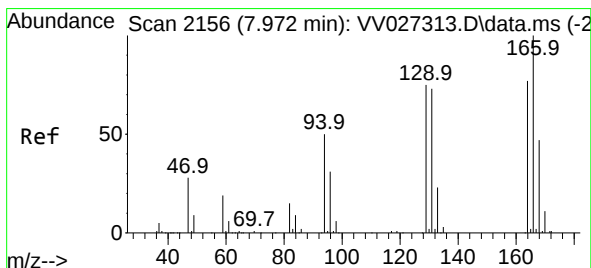
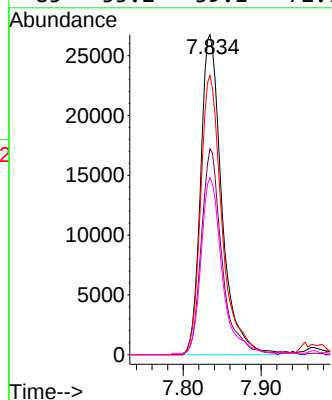
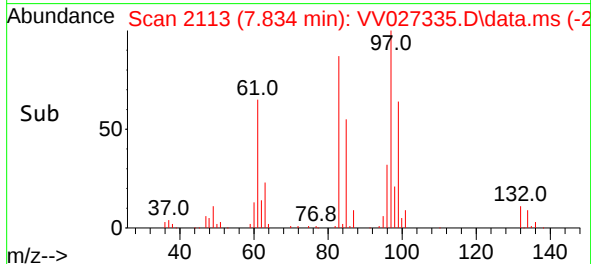


#45
1,1,2-Trichloroethane
Concen: 4.617 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

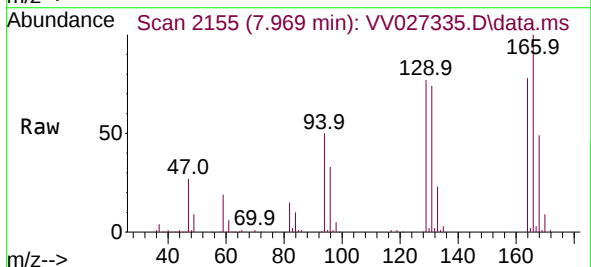
Instrument :
MSVOA_V
ClientSampleId :



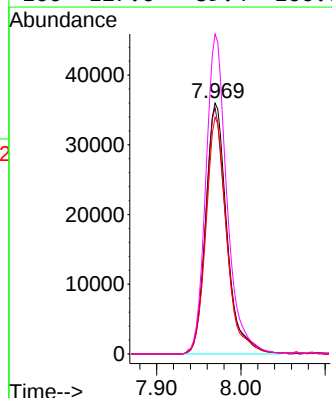
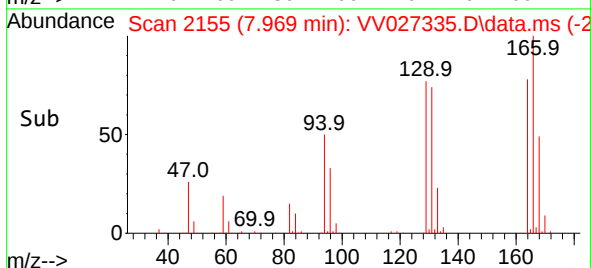
Tgt Ion:	97	Resp:	50571
Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.7	81.1
83	87.2	59.8	111.0
85	55.2	39.1	72.7

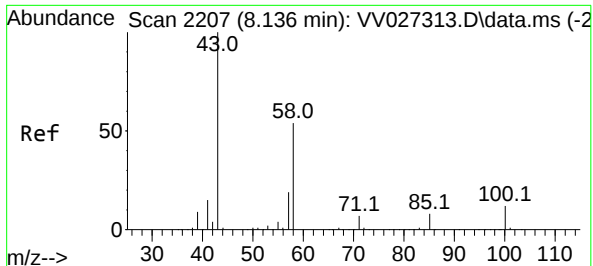


#47
Tetrachloroethene
Concen: 5.199 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13



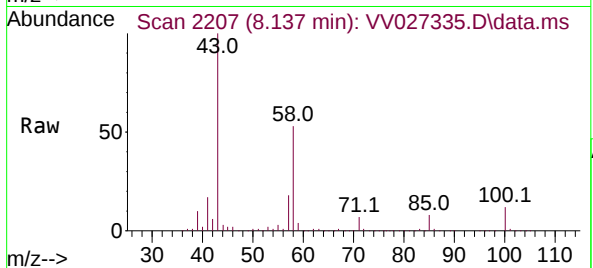
Tgt Ion:	164	Resp:	63159
Ion	Ratio	Lower	Upper
164	100		
129	98.1	69.0	128.1
131	94.4	64.7	120.1
166	127.6	89.4	166.0





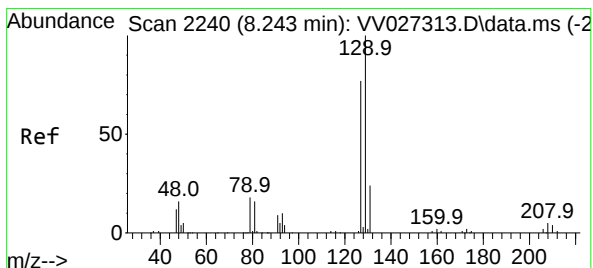
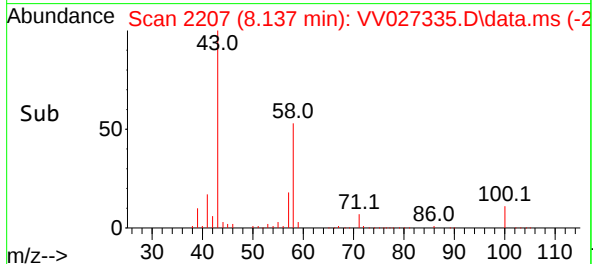
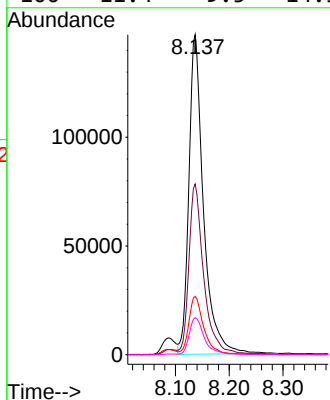
#48
2-Hexanone
Concen: 48.802 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 277642

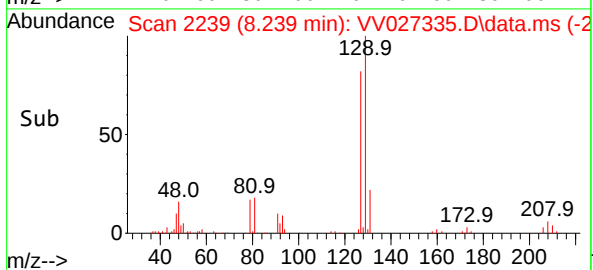
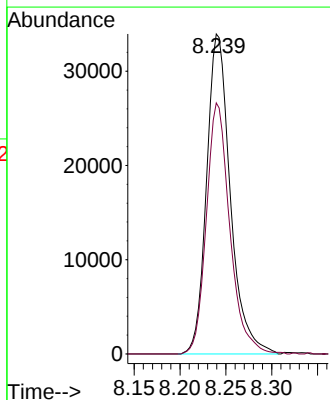
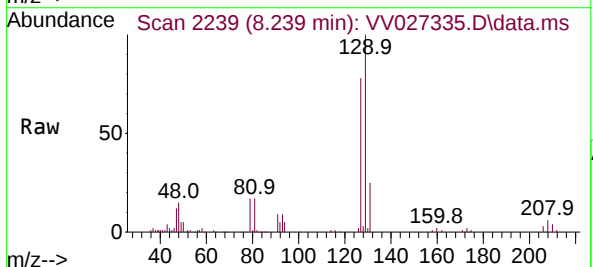
Ion	Ratio	Lower	Upper
43	100		
58	53.4	42.8	64.2
57	18.4	15.2	22.8
100	11.4	9.5	14.3

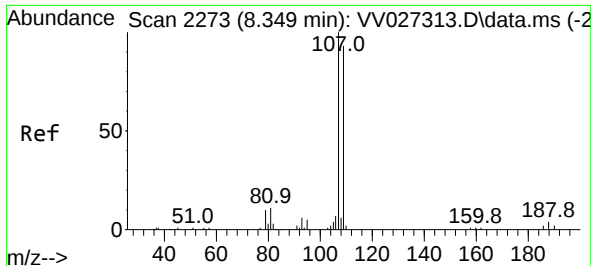


#49
Dibromochloromethane
Concen: 4.767 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

Tgt Ion: 129 Resp: 61122

Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.5	101.3





#50

1,2-Dibromoethane

Concen: 4.769 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027335.D

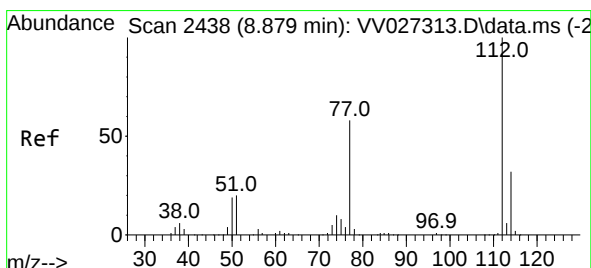
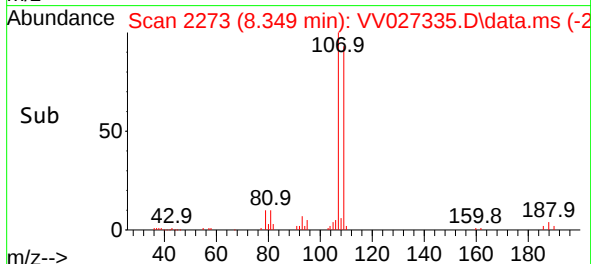
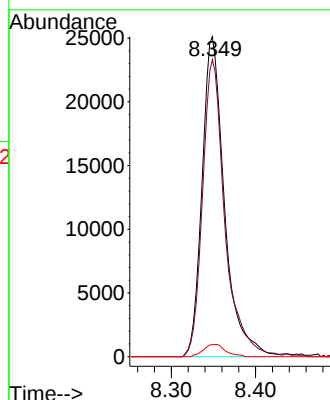
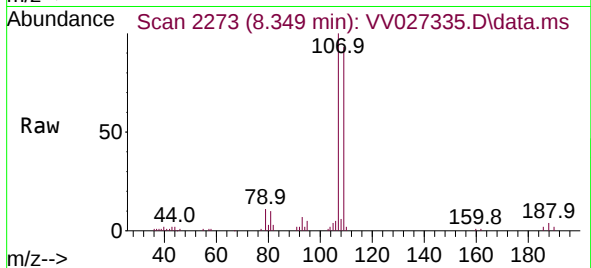
Acq: 12 Aug 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	46438
Ion	Ratio	Lower	Upper
107	100		
109	92.8	66.1	122.8
188	3.8	3.4	5.2



#51

Chlorobenzene

Concen: 4.949 ug/L

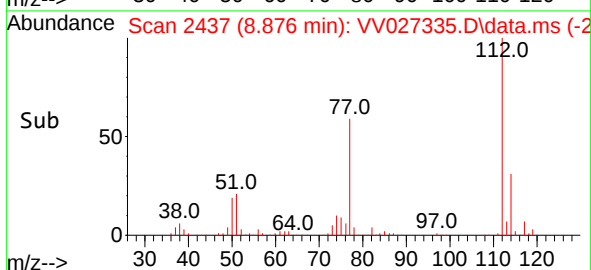
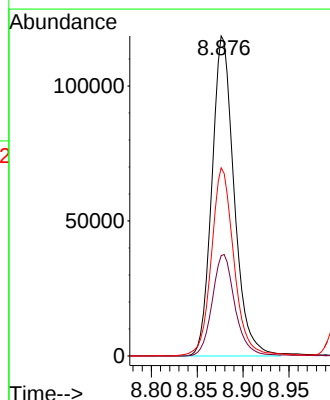
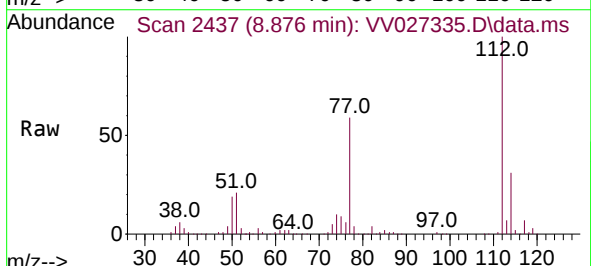
RT: 8.876 min Scan# 2437

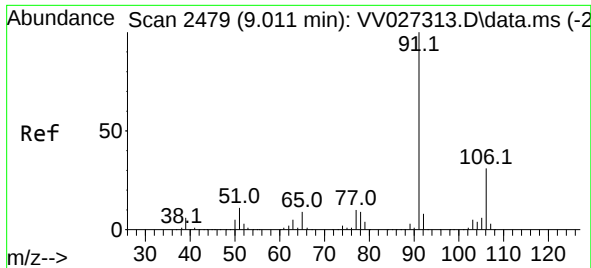
Delta R.T. -0.003 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

Tgt Ion:	112	Resp:	199878
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.5	41.9
77	58.8	46.4	69.6

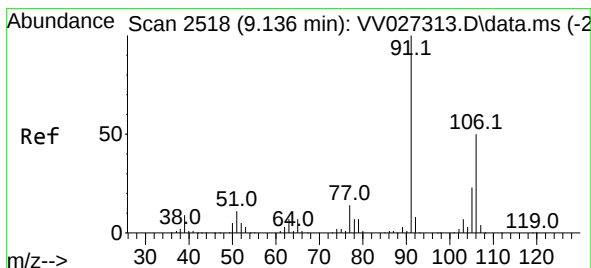
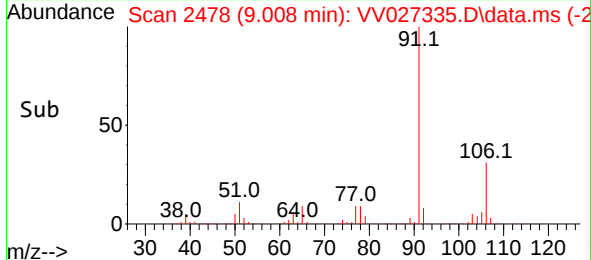
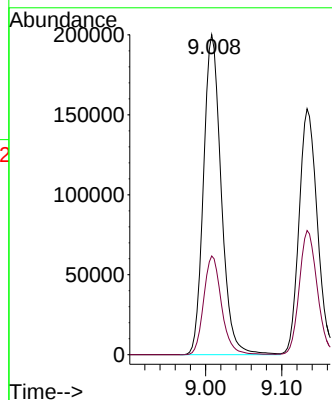
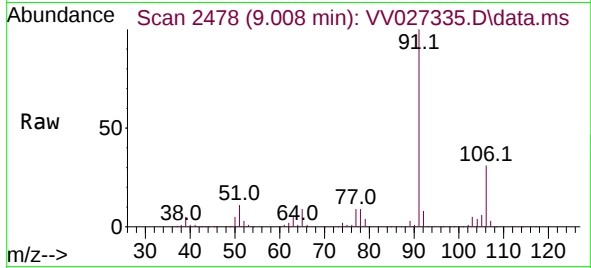




#52
Ethylbenzene
Concen: 5.199 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

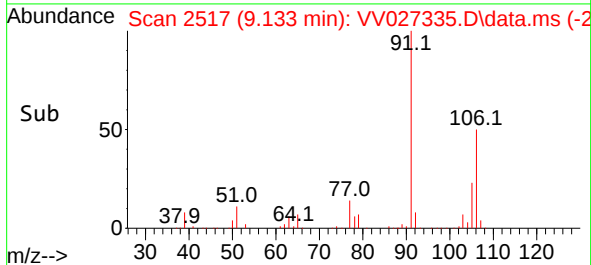
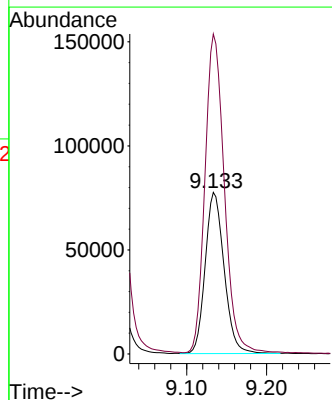
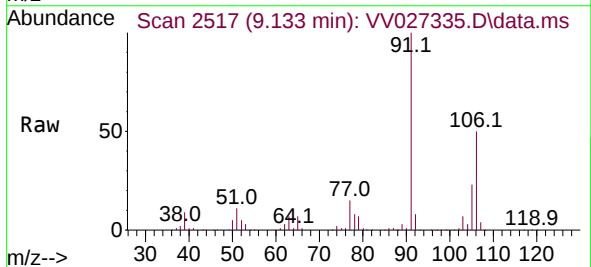
Instrument :
MSVOA_V
ClientSampleId :

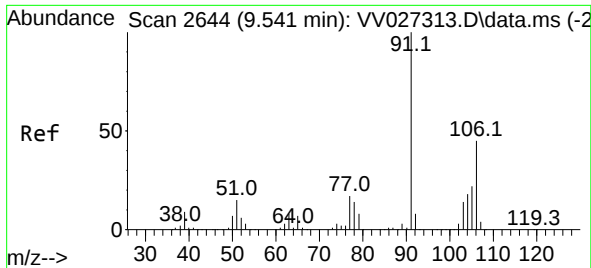
Tgt Ion: 91 Resp: 323943
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9



#53
m,p-Xylene
Concen: 5.371 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

Tgt Ion: 106 Resp: 127628
Ion Ratio Lower Upper
106 100
91 198.1 141.5 262.9

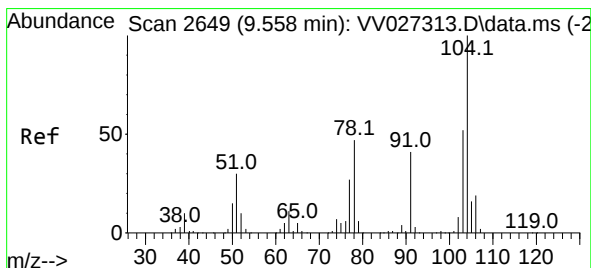
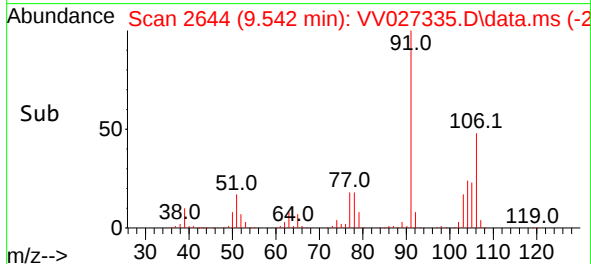
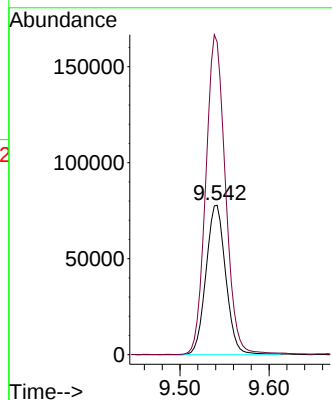
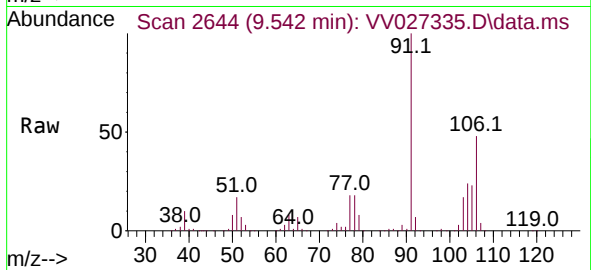




#54
o-Xylene
Concen: 5.150 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

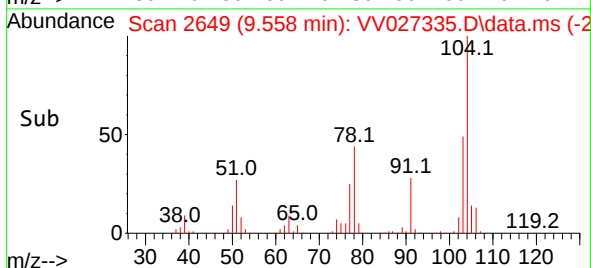
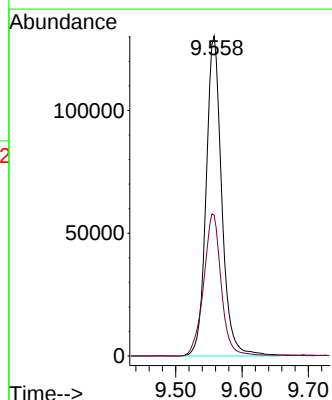
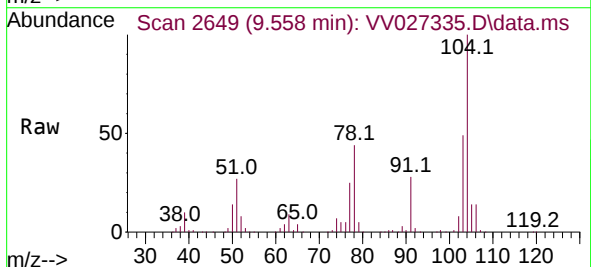
Instrument :
MSVOA_V
ClientSampleId :

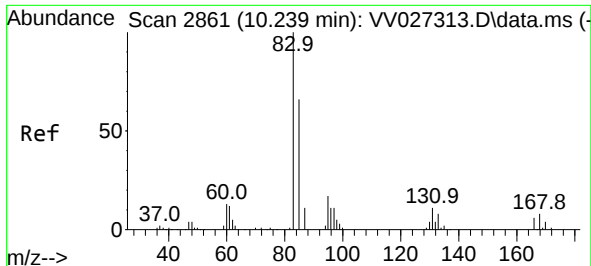
Tgt Ion:106 Resp: 119698
Ion Ratio Lower Upper
106 100
91 209.1 153.2 284.4



#55
Styrene
Concen: 5.343 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

Tgt Ion:104 Resp: 213556
Ion Ratio Lower Upper
104 100
78 44.1 30.7 57.1

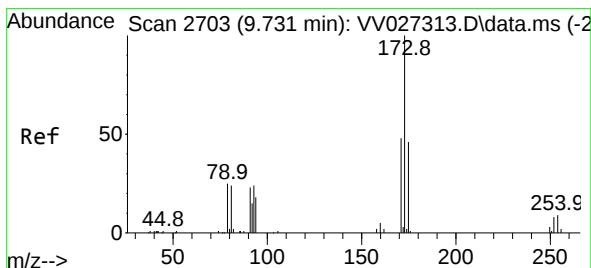
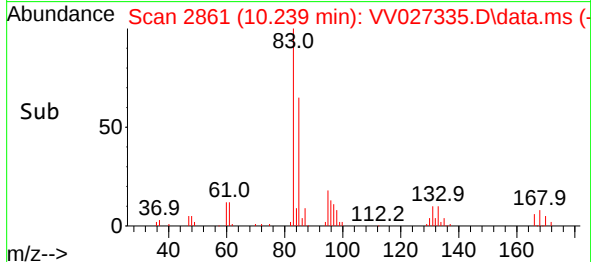
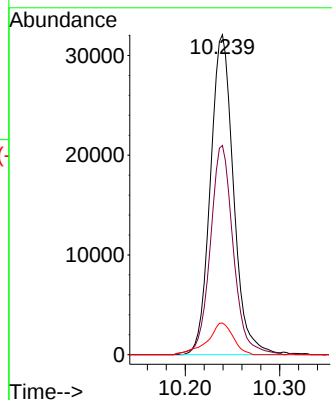
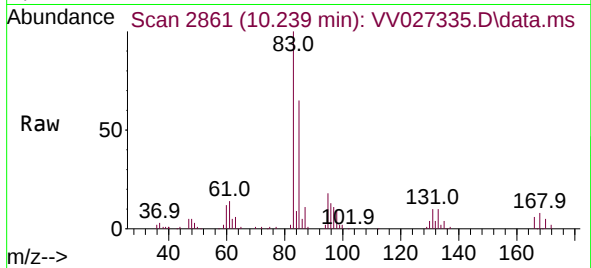




#57
1,1,2,2-Tetrachloroethane
Concen: 4.458 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

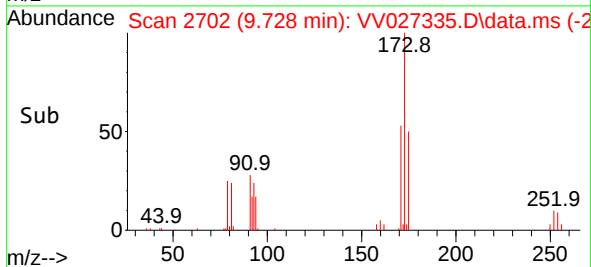
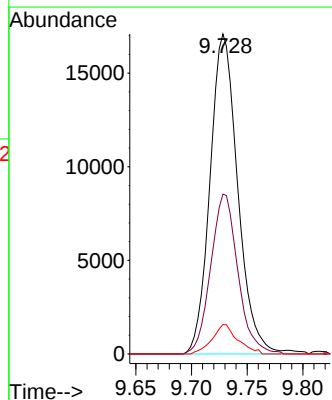
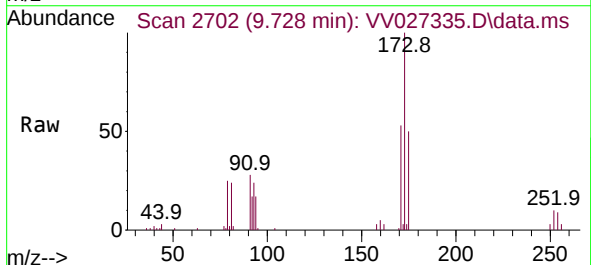
Instrument :
MSVOA_V
ClientSampleId :

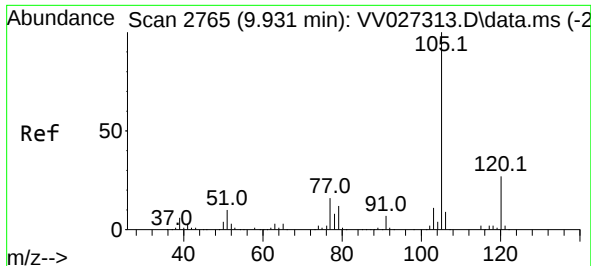
Tgt Ion: 83 Resp: 54424
Ion Ratio Lower Upper
83 100
85 65.4 43.3 80.3
131 9.9 7.7 11.5



#59
Bromoform
Concen: 4.520 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

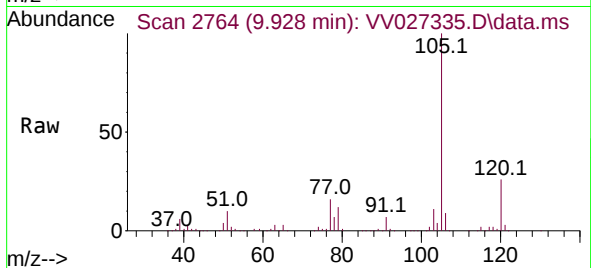
Tgt Ion: 173 Resp: 29486
Ion Ratio Lower Upper
173 100
175 49.1 38.2 57.2
254 8.5 6.5 9.7



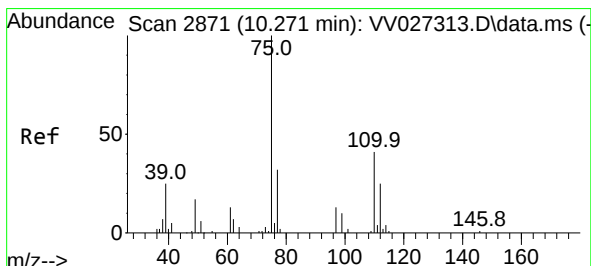
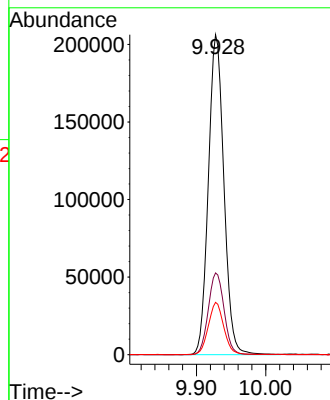
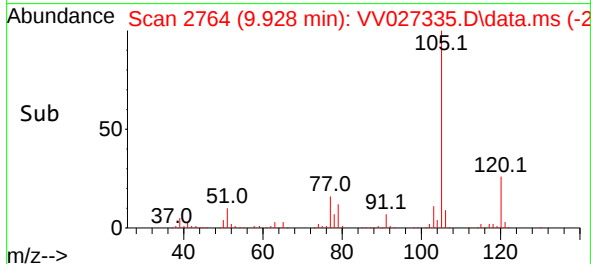


#60
Isopropylbenzene
Concen: 5.249 ug/L
RT: 9.928 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

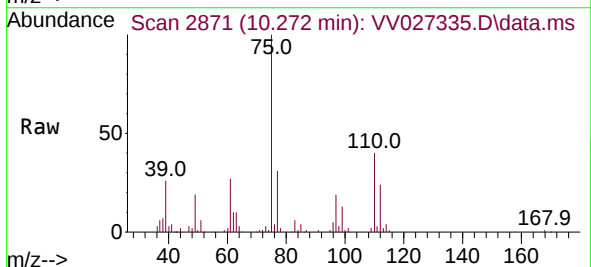
Instrument :
MSVOA_V
ClientSampleId :



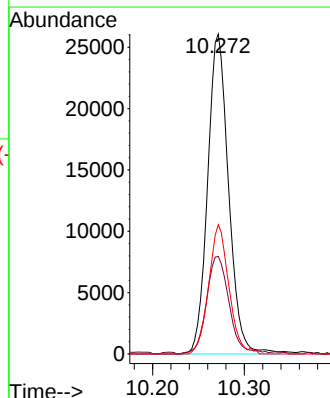
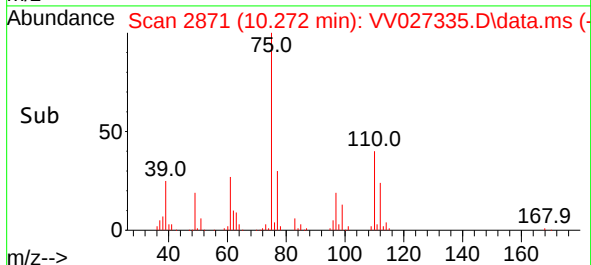
Tgt Ion:105 Resp: 319814
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4
77 16.4 13.2 19.8

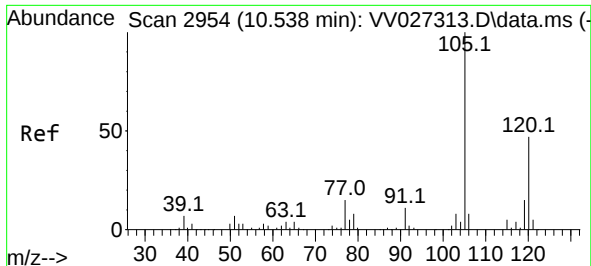


#61
1,2,3-Trichloropropane
Concen: 4.429 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13



Tgt Ion: 75 Resp: 41267
Ion Ratio Lower Upper
75 100
77 32.8 26.6 39.8
110 39.2 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 4.868 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

Instrument :

MSVOA_V

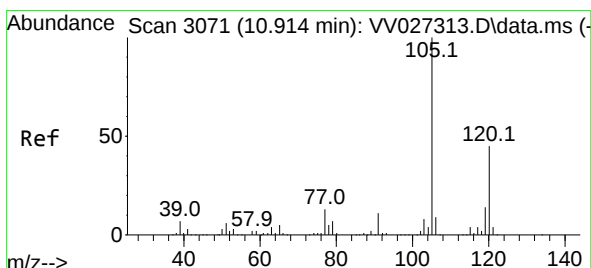
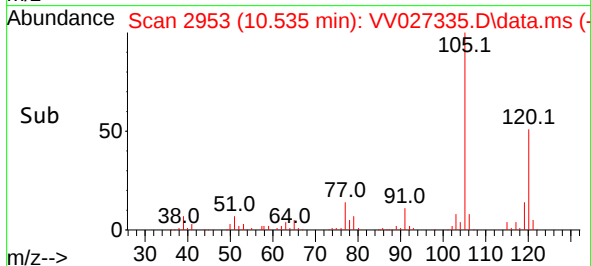
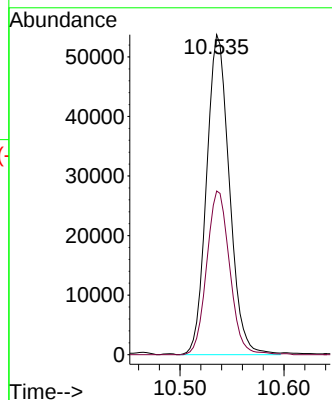
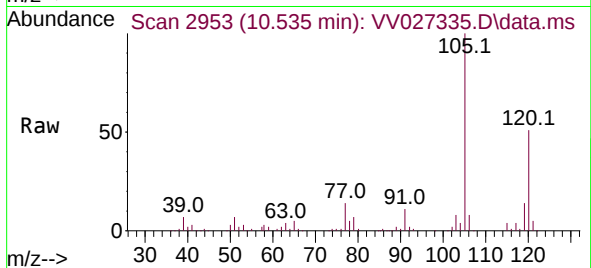
ClientSampleId :

Tgt Ion:105 Resp: 81985

Ion Ratio Lower Upper

105 100

120 51.3 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.089 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV027335.D

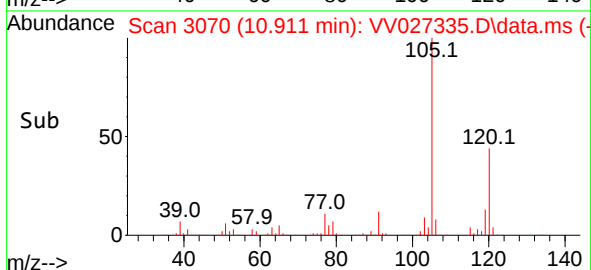
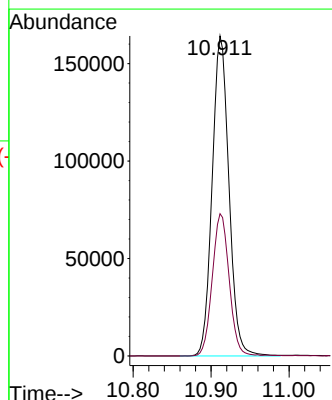
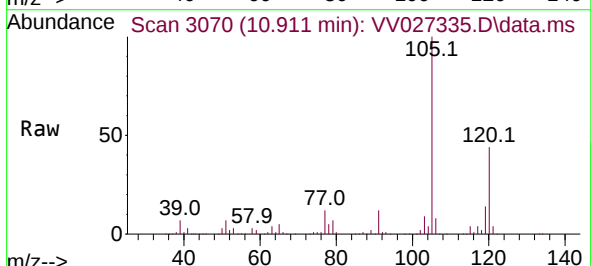
Acq: 12 Aug 2022 18:13

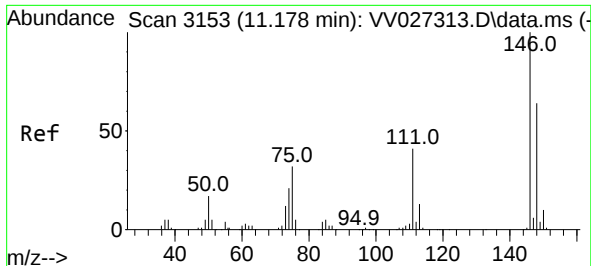
Tgt Ion:105 Resp: 245677

Ion Ratio Lower Upper

105 100

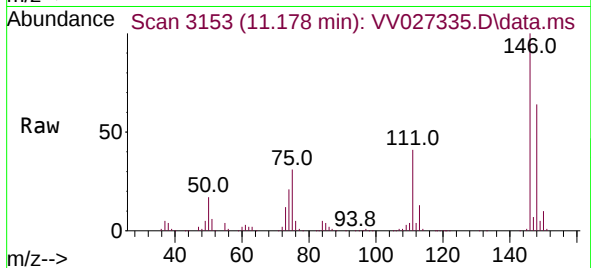
120 44.7 36.2 54.2



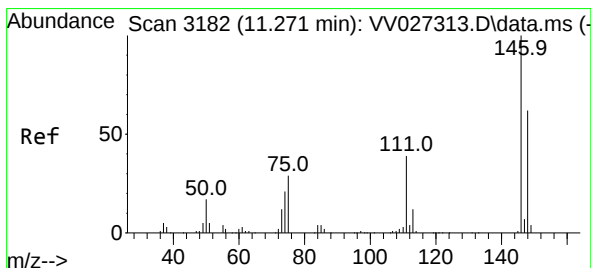
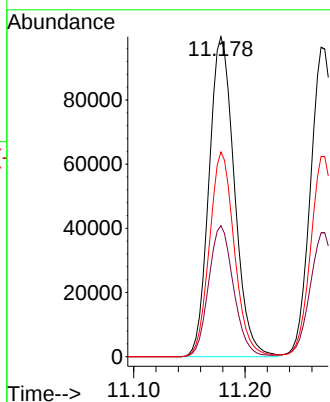
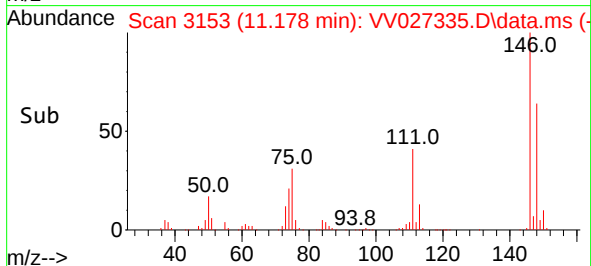


#64
1,3-Dichlorobenzene
Concen: 5.185 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

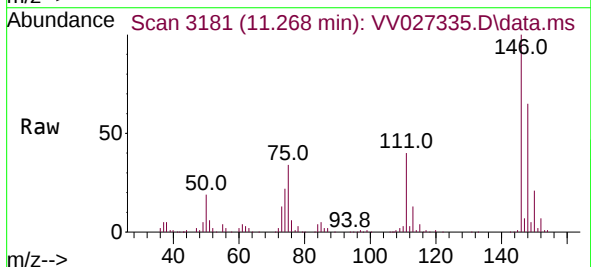
Instrument :
MSVOA_V
ClientSampleId :



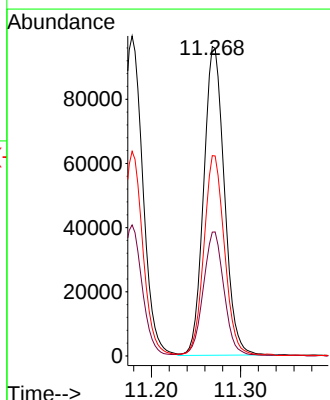
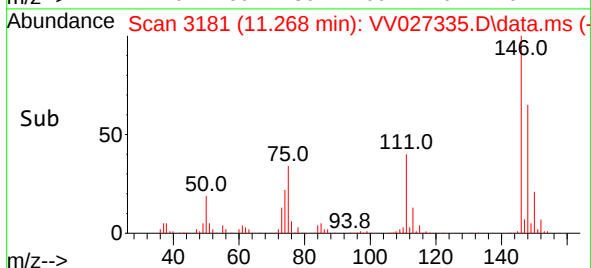
Tgt Ion:146 Resp: 157866
Ion Ratio Lower Upper
146 100
111 40.9 28.8 53.4
148 63.9 45.4 84.4

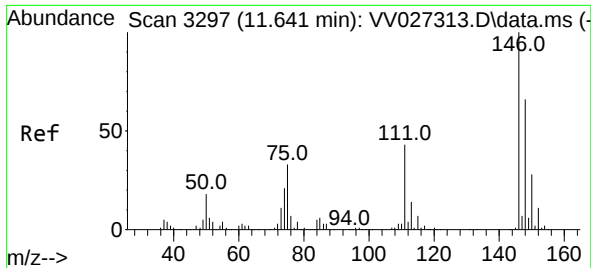


#65
1,4-Dichlorobenzene
Concen: 5.061 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13



Tgt Ion:146 Resp: 155057
Ion Ratio Lower Upper
146 100
111 40.0 27.4 51.0
148 64.8 43.3 80.5

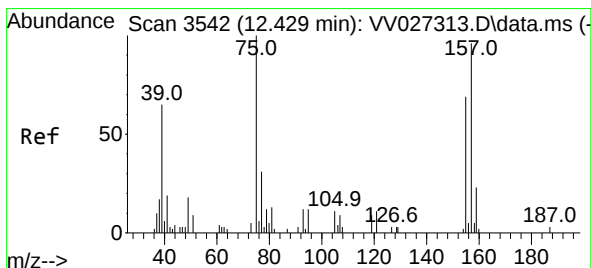
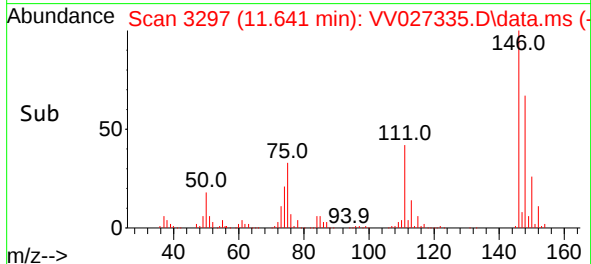
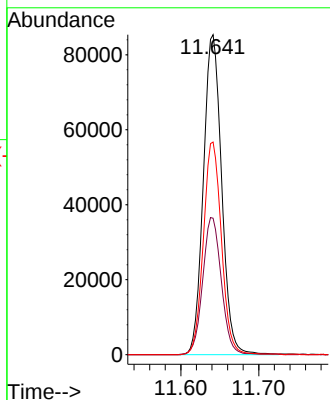
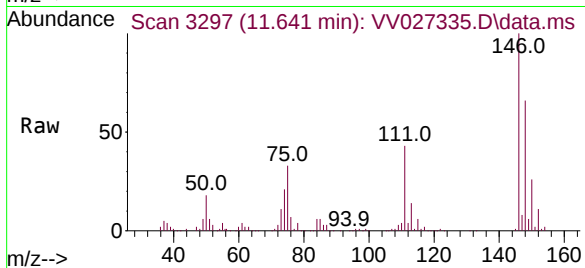




#67
1,2-Dichlorobenzene
Concen: 4.911 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

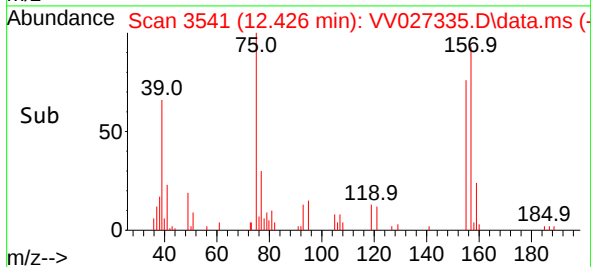
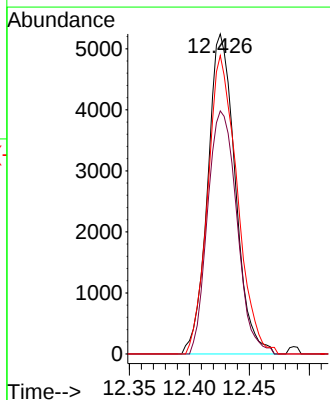
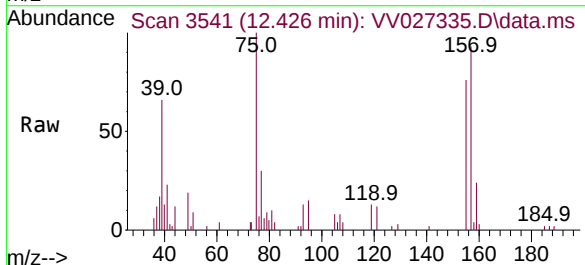
Instrument :
MSVOA_V
ClientSampleId :

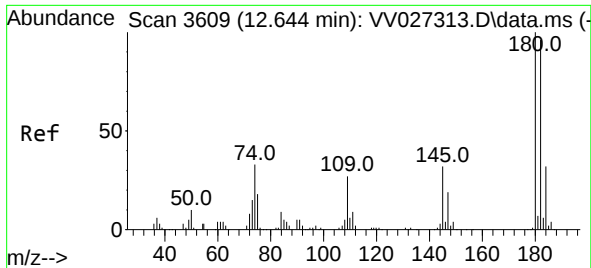
Tgt Ion:146 Resp: 139246
Ion Ratio Lower Upper
146 100
111 42.6 33.2 49.8
148 66.5 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.299 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV027335.D
Acq: 12 Aug 2022 18:13

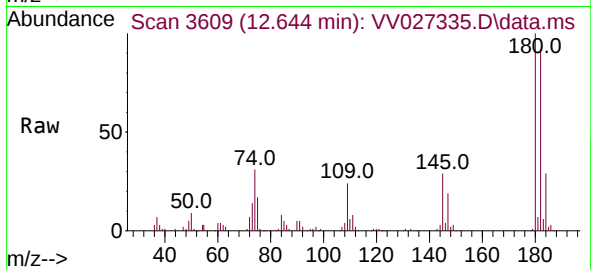
Tgt Ion: 75 Resp: 8368
Ion Ratio Lower Upper
75 100
155 75.9 65.8 98.6
157 93.3 73.0 109.4



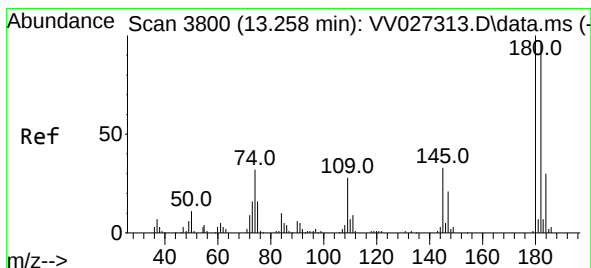
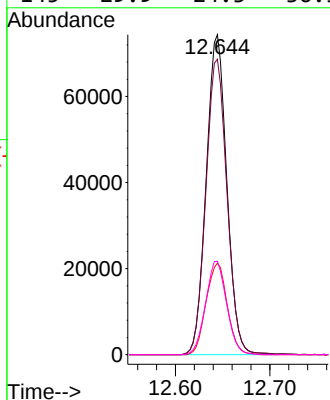
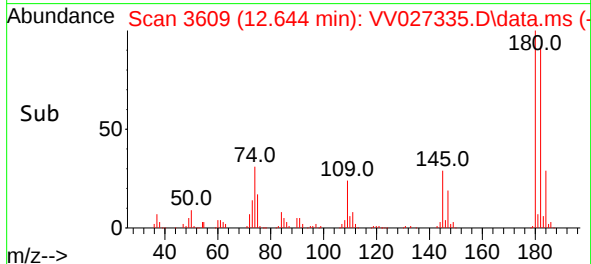


#69
 1,3,5-Trichlorobenzene
 Concen: 5.125 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV027335.D
 Acq: 12 Aug 2022 18:13

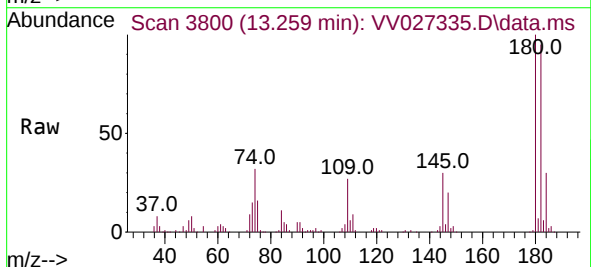
Instrument :
 MSVOA_V
 ClientSampleId :



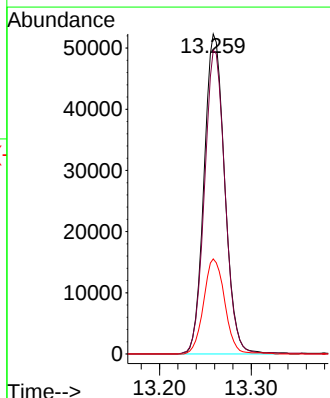
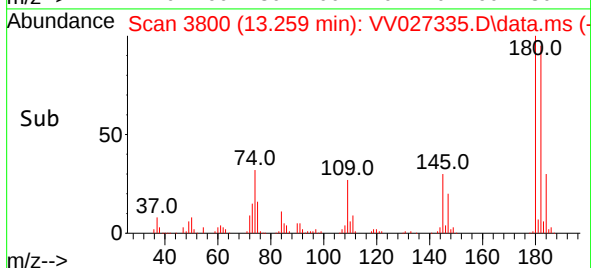
Tgt Ion:180 Resp: 112519
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.7 112.1
 184 29.3 23.3 34.9
 145 29.9 24.3 36.5

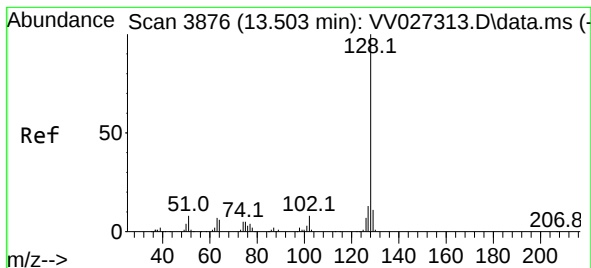


#70
 1,2,4-trichlorobenzene
 Concen: 4.970 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027335.D
 Acq: 12 Aug 2022 18:13



Tgt Ion:180 Resp: 81536
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.4 116.0
 145 30.3 24.9 37.3





#71

Naphthalene

Concen: 4.542 ug/L

RT: 13.500 min Scan# 3876

Delta R.T. -0.003 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

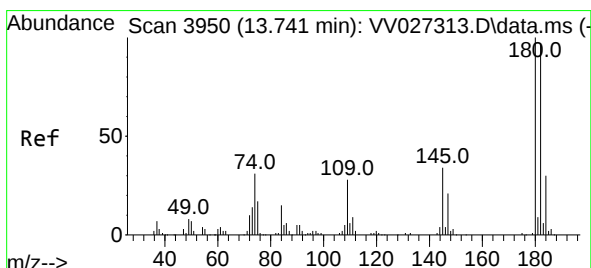
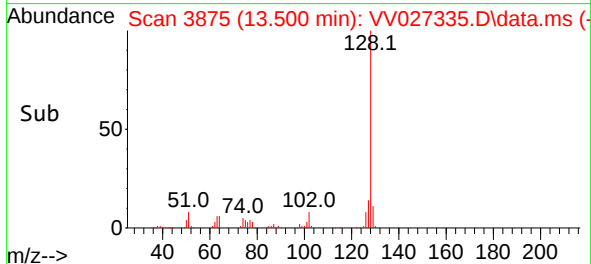
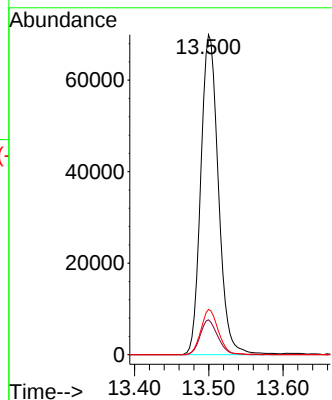
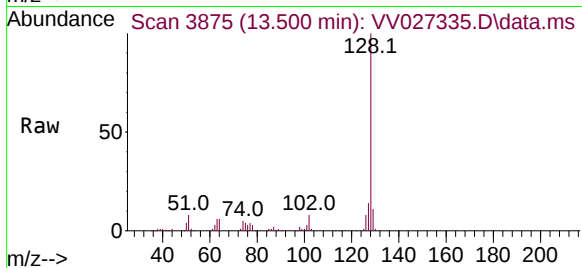
Tgt Ion:128 Resp: 115148

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.9 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 4.821 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027335.D

Acq: 12 Aug 2022 18:13

Tgt Ion:180 Resp: 73723

Ion Ratio Lower Upper

180 100

182 95.3 73.8 110.6

145 32.8 27.0 40.4

