

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081922\
 Data File : VW027451.D
 Acq On : 19 Aug 2022 19:36
 Operator : SY/MD
 Sample : N4253-06MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9E1MS

Quant Time: Aug 20 06:08:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	136666	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	133076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	48251	4.961	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.200%	
7) Chloroethane-d5	1.565	69	44102	6.195	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	124.000%	
11) 1,1-Dichloroethene-d2	2.105	63	109192	4.814	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.200%	
20) 2-Butanone-d5	3.889	46	88285	72.935	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	145.860%#	
24) Chloroform-d	4.343	84	103621	5.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
26) 1,2-Dichloroethane-d4	5.027	65	44398	5.277	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
32) Benzene-d6	5.047	84	190309	5.163	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
36) 1,2-Dichloropropane-d6	6.066	67	54492	5.085	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.313	98	177577	5.336	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.800%	
43) trans-1,3-Dichloroprop...	7.622	79	19117	5.210	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.200%	
46) 2-Hexanone-d5	8.088	63	63729	52.763	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.520%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36710	5.379	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54277	5.153	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	79039	5.450	ug/L	99
3) Chloromethane	1.237	50	68490	5.408	ug/L	99
5) Vinyl chloride	1.307	62	67245	5.275	ug/L	99
6) Bromomethane	1.516	94	37342	5.924	ug/L	98
8) Chloroethane	1.581	64	48252	6.477	ug/L	95
9) Trichlorofluoromethane	1.748	101	106141	5.241	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	60546	5.296	ug/L	98
12) 1,1-Dichloroethene	2.114	96	54220	5.243	ug/L	97
13) Acetone	2.172	43	85621	74.067	ug/L	100
14) Carbon disulfide	2.288	76	148475	5.232	ug/L	100
15) Methyl Acetate	2.436	43	22962	7.173	ug/L	100
16) Methylene chloride	2.500	84	60213	3.863	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	115424	5.395	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	56977	5.348	ug/L	98
19) 1,1-Dichloroethane	3.185	63	115411	5.233	ug/L	99
21) 2-Butanone	3.970	43	121720	79.120	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	59714	5.260	ug/L	99
23) Bromochloromethane	4.243	128	26388	5.271	ug/L	96
25) Chloroform	4.371	83	127064	5.299	ug/L	97

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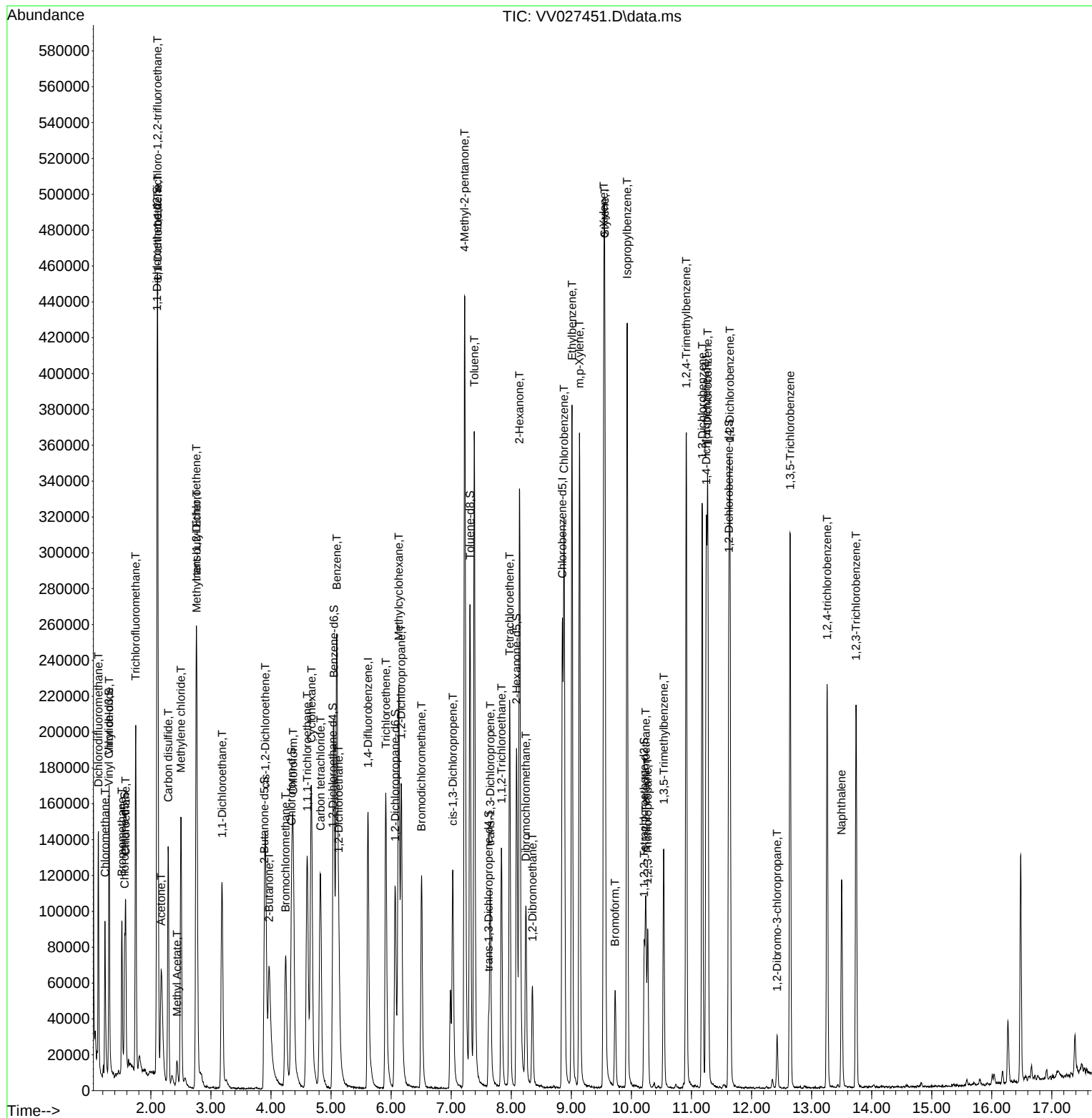
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70101	5.753	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	109674	5.369	ug/L	100
30) Cyclohexane	4.674	56	85839	5.475	ug/L	94
31) Carbon tetrachloride	4.825	117	93530	5.265	ug/L	97
33) Benzene	5.095	78	251273	5.679	ug/L	100
34) Trichloroethene	5.912	95	61723	5.301	ug/L	99
35) Methylcyclohexane	6.127	83	86905	5.307	ug/L	98
37) 1,2-Dichloropropane	6.169	63	65220	5.529	ug/L	99
38) Bromodichloromethane	6.506	83	81688	5.462	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	76706	5.393	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	311668	59.135	ug/L	99
42) Toluene	7.384	91	266195	5.829	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	63082	5.246	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	41717	5.532	ug/L	98
47) Tetrachloroethene	7.973	164	49723	5.482	ug/L	96
48) 2-Hexanone	8.137	43	223125	58.752	ug/L	98
49) Dibromochloromethane	8.243	129	50789	5.476	ug/L	95
50) 1,2-Dibromoethane	8.352	107	37315	5.669	ug/L	96
51) Chlorobenzene	8.879	112	163172	5.520	ug/L	99
52) Ethylbenzene	9.011	91	255686	5.485	ug/L	99
53) m,p-Xylene	9.137	106	102195	5.729	ug/L	97
54) o-Xylene	9.542	106	95457	5.517	ug/L	95
55) Styrene	9.558	104	166924	5.670	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	48251	5.680	ug/L	98
59) Bromoform	9.728	173	24795	5.207	ug/L	98
60) Isopropylbenzene	9.931	105	259248	5.546	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	34732	5.572	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	69754	5.381	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	195253	5.346	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	128058	5.560	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	125002	5.444	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	113927	5.456	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7253	5.238	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	91645	5.330	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	66864	5.352	ug/L	99
71) Naphthalene	13.500	128	91328	5.295	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59232	5.338	ug/L	97

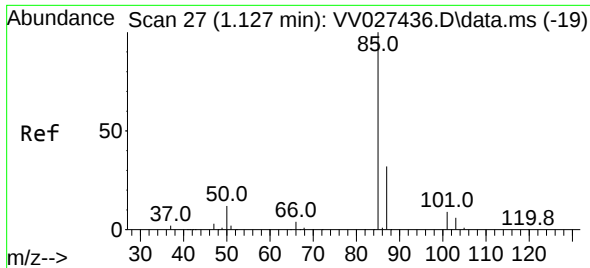
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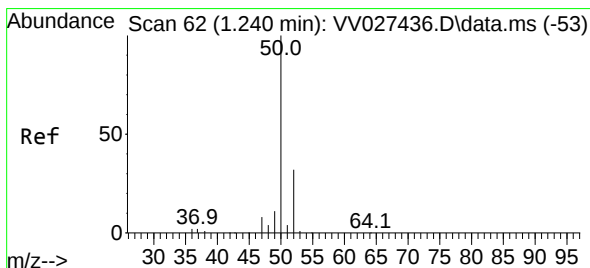
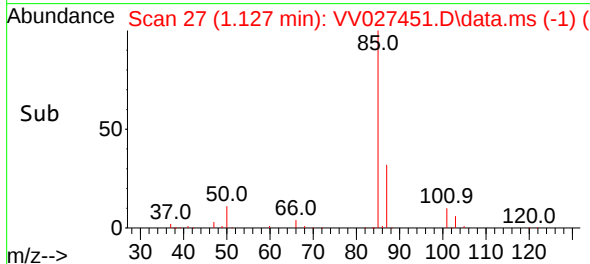
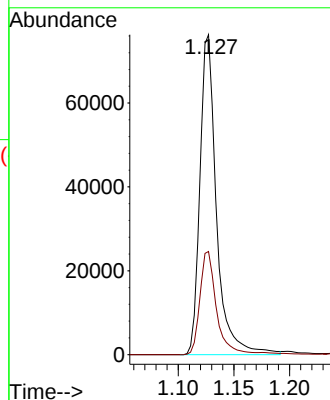
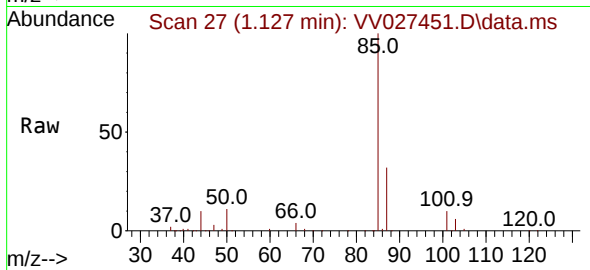




#2
 Dichlorodifluoromethane
 Concen: 5.450 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027451.D
 Acq: 19 Aug 2022 19:36

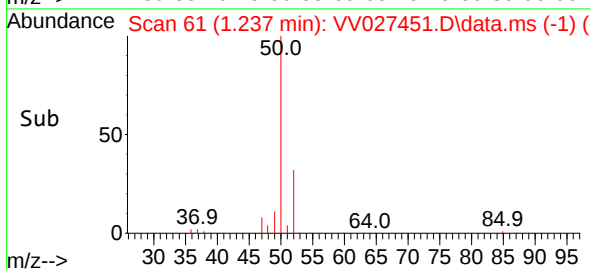
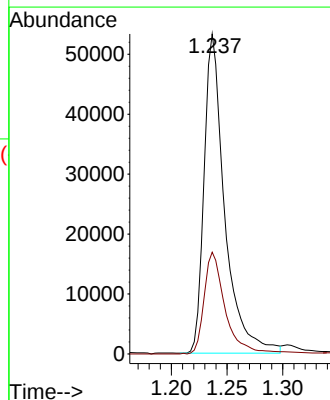
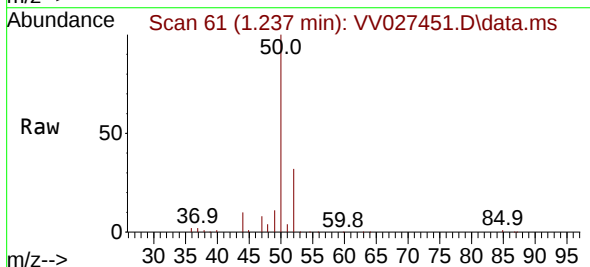
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 ClientSampleId :
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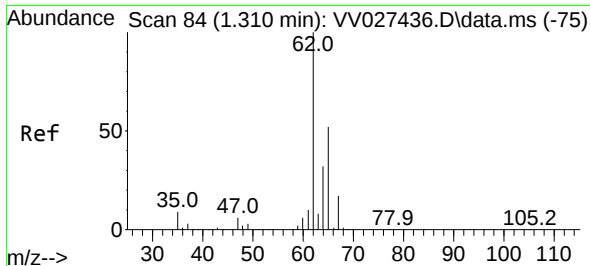
Tgt Ion: 85 Resp: 79039
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0



#3
 Chloromethane
 Concen: 5.408 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV027451.D
 Acq: 19 Aug 2022 19:36

Tgt Ion: 50 Resp: 68490
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.8 42.4

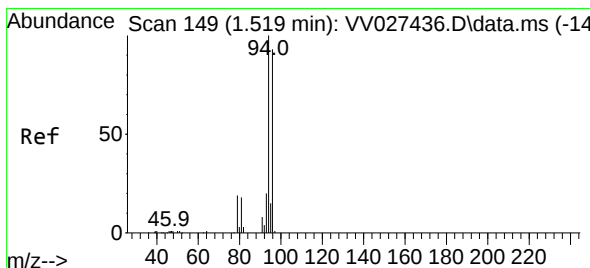
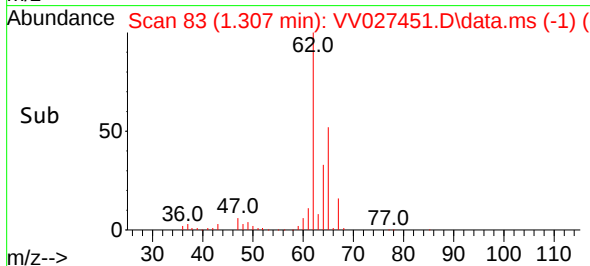
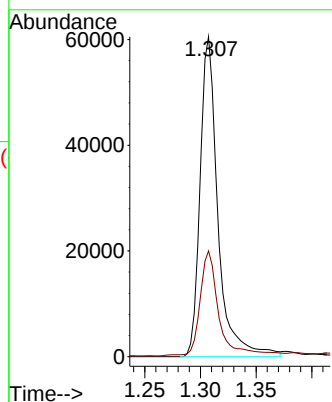
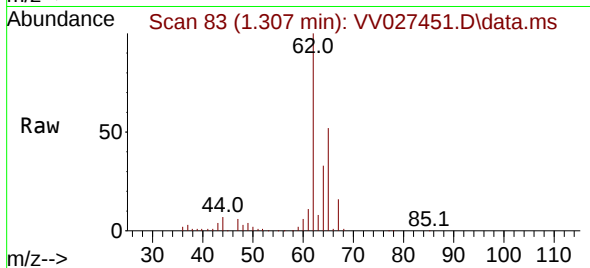




#5
 Vinyl chloride
 Concen: 5.275 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027451.D
 Acq: 19 Aug 2022 19:36

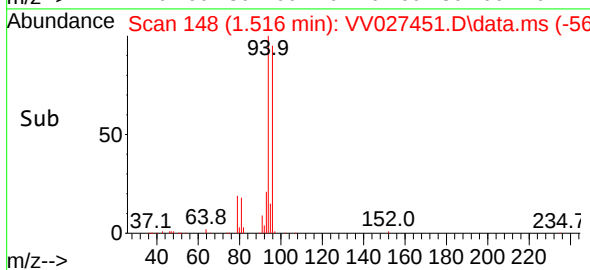
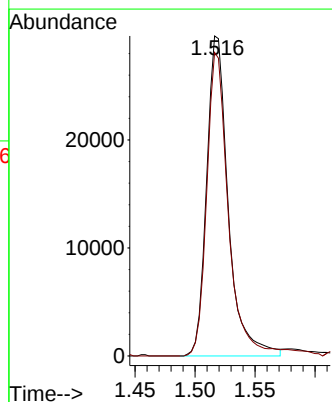
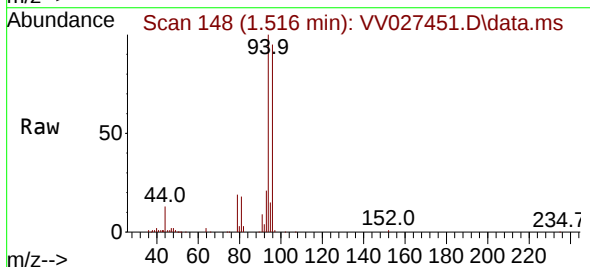
Instrument :
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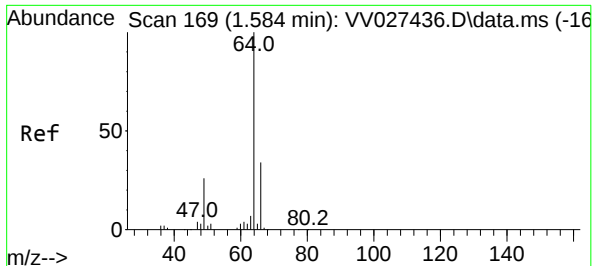
Tgt Ion: 62 Resp: 67245
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.6 42.0



#6
 Bromomethane
 Concen: 5.924 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV027451.D
 Acq: 19 Aug 2022 19:36

Tgt Ion: 94 Resp: 37342
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.2 121.0

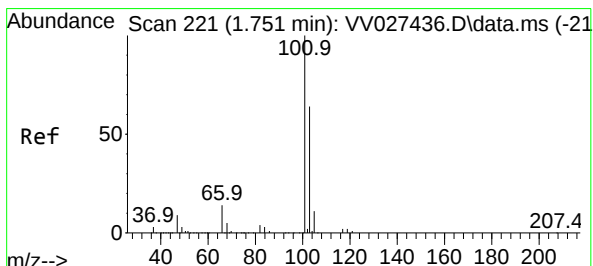
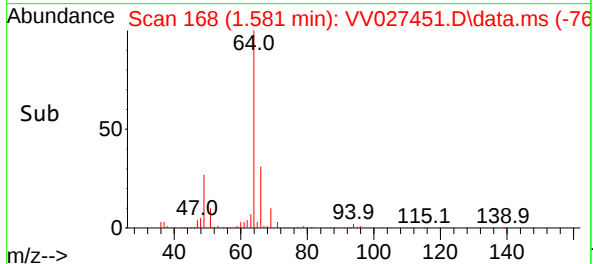
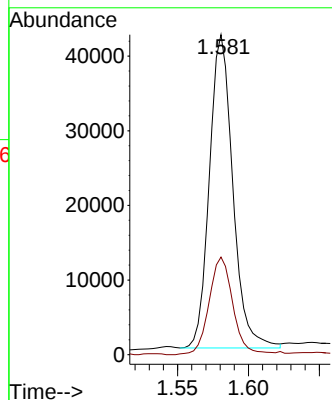
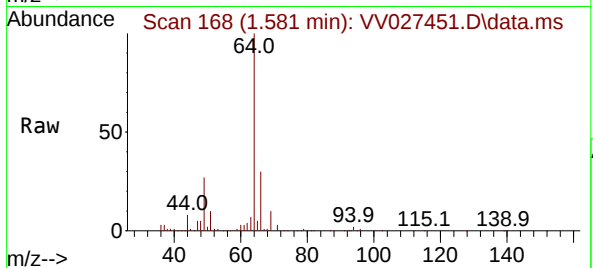




#8
Chloroethane
Concen: 6.477 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

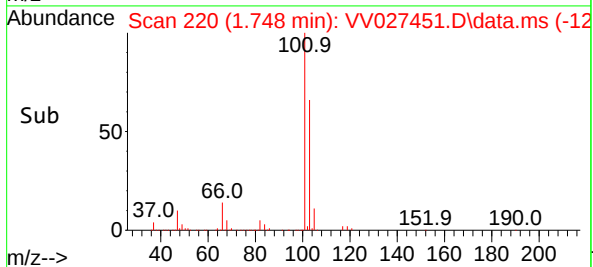
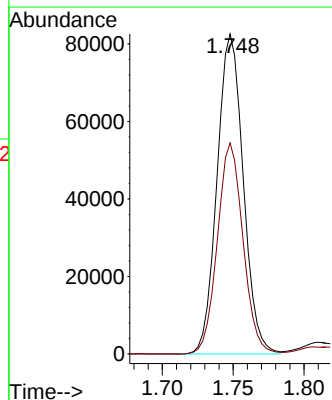
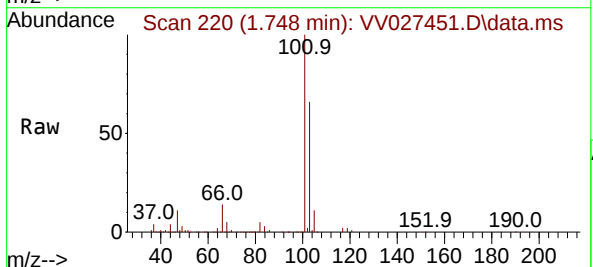
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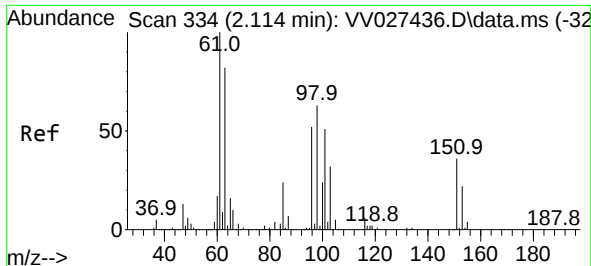
Tgt Ion: 64 Resp: 48252
Ion Ratio Lower Upper
64 100
66 30.5 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.241 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

Tgt Ion:101 Resp: 106141
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

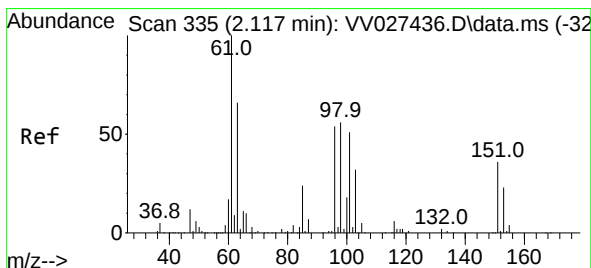
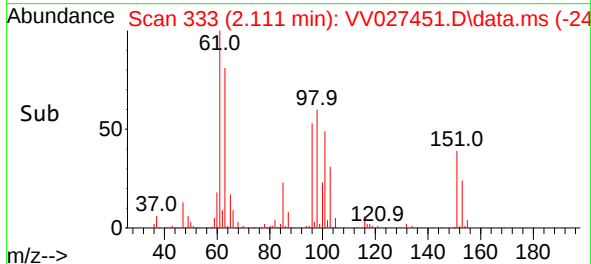
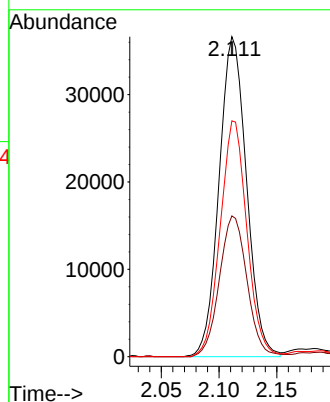
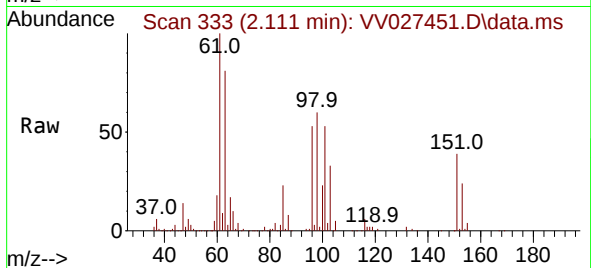




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.296 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV027451.D
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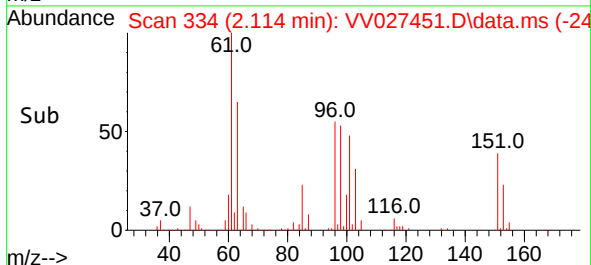
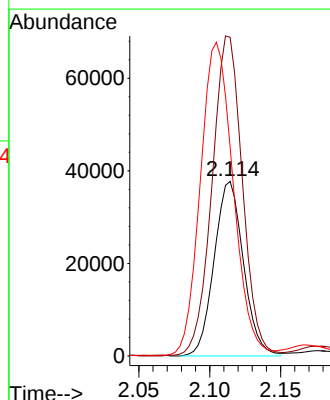
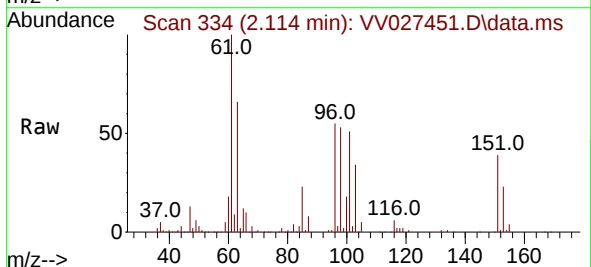
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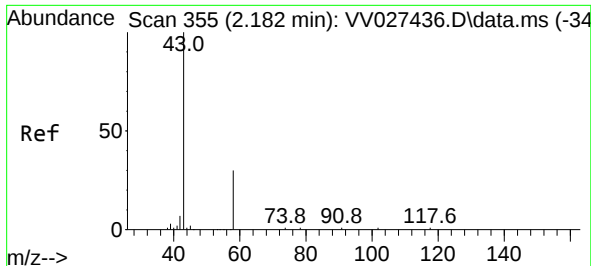
Tgt Ion:101 Resp: 60546
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.3 52.9
 151 71.8 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 5.243 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV027451.D
 Acq: 19 Aug 2022 19:36

Tgt Ion: 96 Resp: 54220
 Ion Ratio Lower Upper
 96 100
 61 182.5 130.2 241.8
 63 119.7 87.4 162.4





#13

Acetone

Concen: 74.067 ug/L

RT: 2.172 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

Instrument :

MSVOA_V

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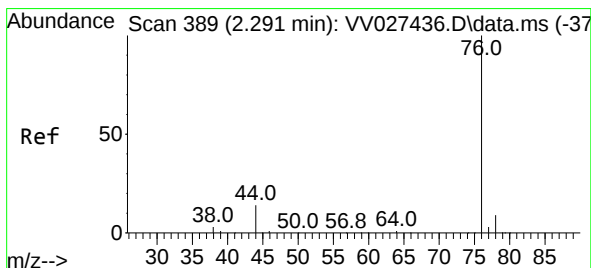
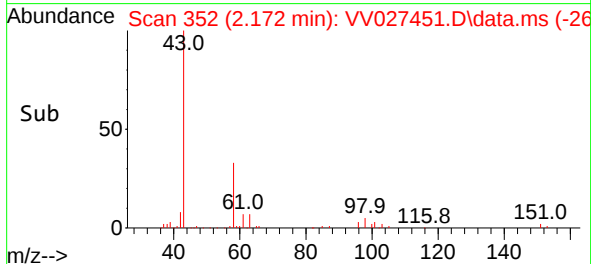
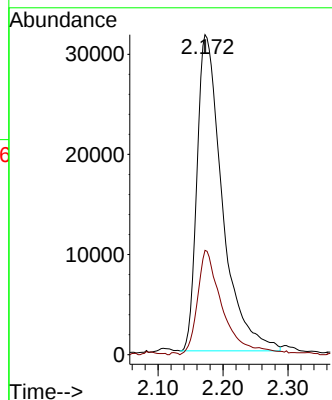
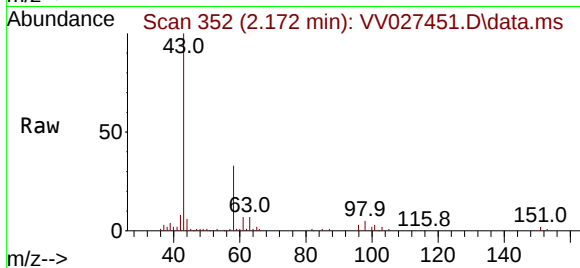
EX9E1MS

Tgt Ion: 43 Resp: 85621

Ion Ratio Lower Upper

43 100

58 31.3 0.0 62.2



#14

Carbon disulfide

Concen: 5.232 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

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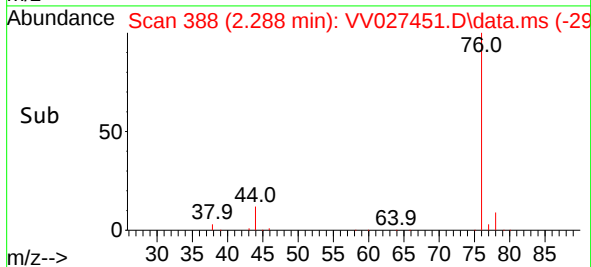
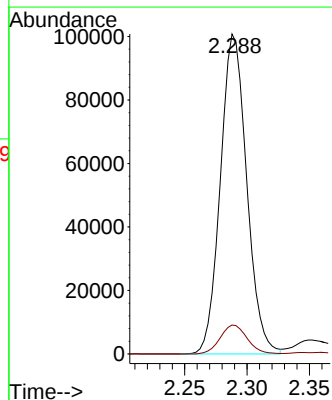
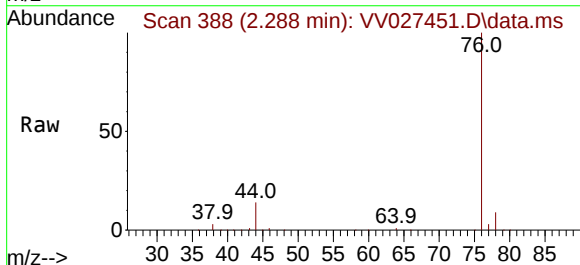
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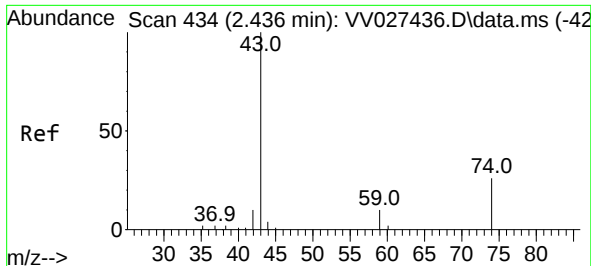
Tgt Ion: 76 Resp: 148475

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 7.173 ug/L

RT: 2.436 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

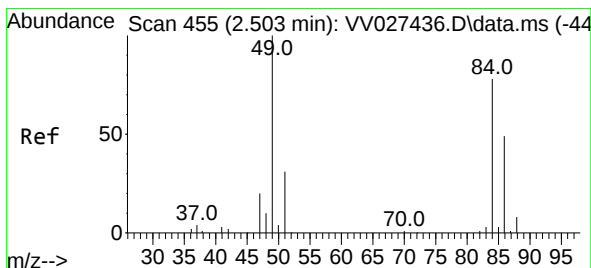
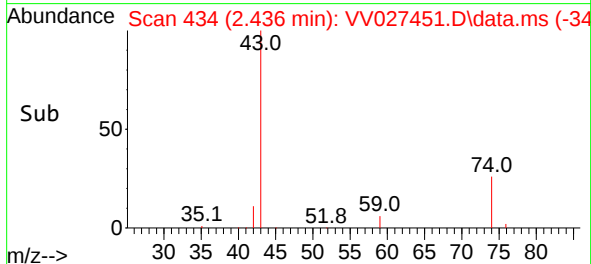
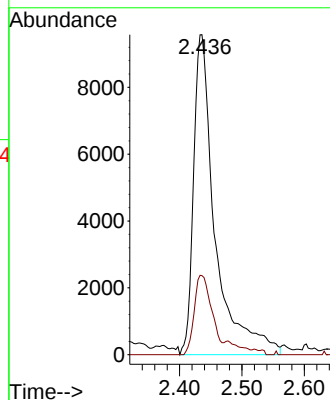
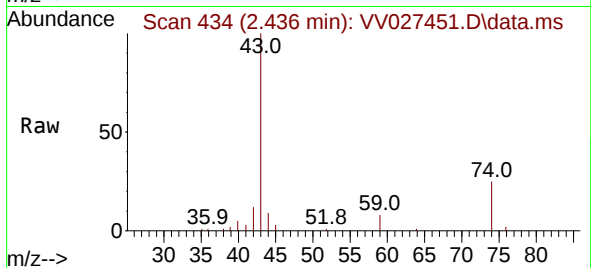
EX9E1MS

Tgt Ion: 43 Resp: 22962

Ion Ratio Lower Upper

43 100

74 20.4 16.3 24.5



#16

Methylene chloride

Concen: 3.863 ug/L

RT: 2.500 min Scan# 454

Delta R.T. -0.003 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

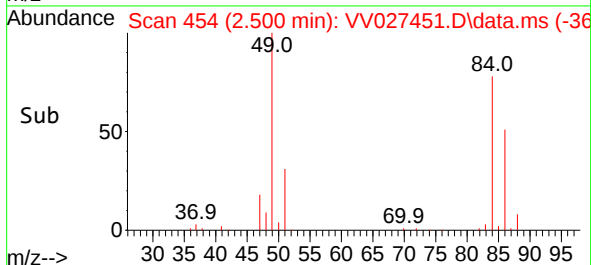
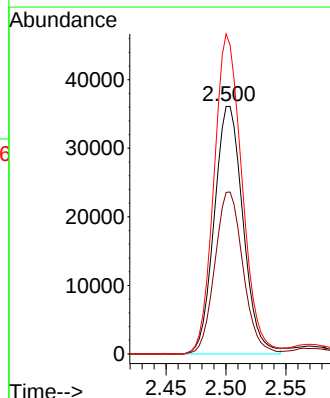
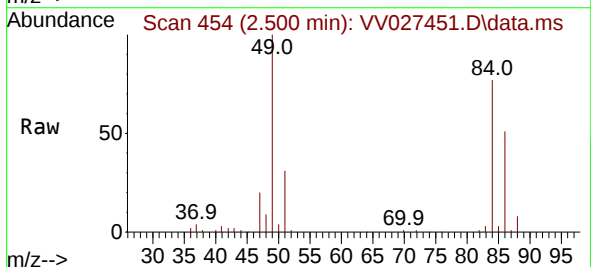
Tgt Ion: 84 Resp: 60213

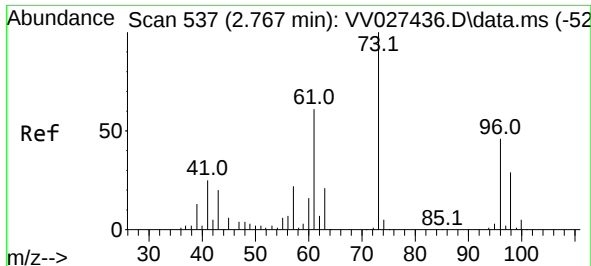
Ion Ratio Lower Upper

84 100

86 65.3 44.0 81.6

49 129.3 89.4 166.0





#17

Methyl tert-butyl Ether

Concen: 5.395 ug/L

RT: 2.764 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

EX9E1MS

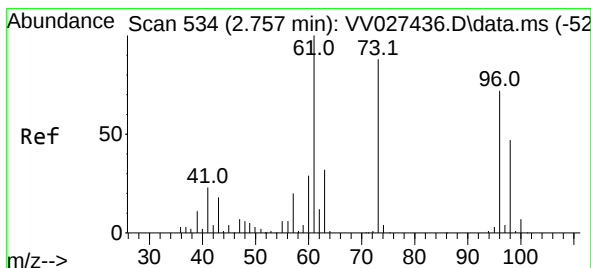
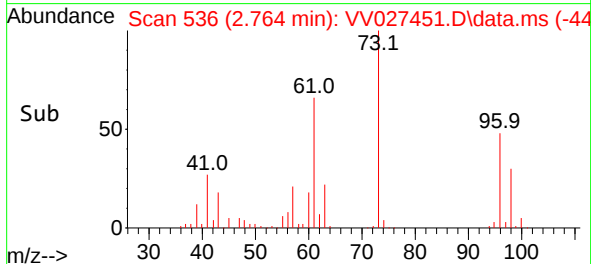
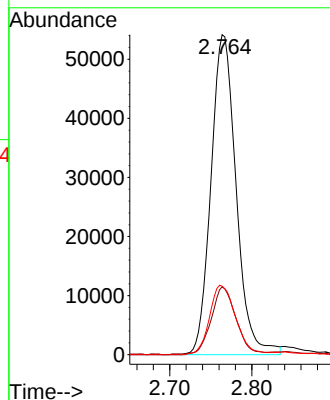
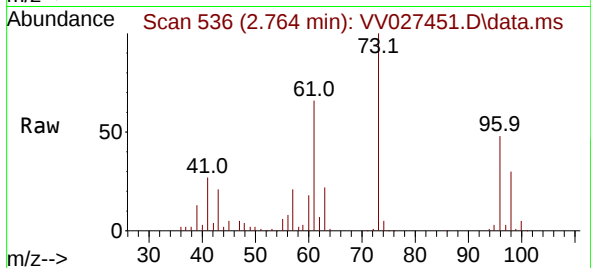
Tgt Ion: 73 Resp: 115424

Ion Ratio Lower Upper

73 100

43 21.0 15.6 23.4

57 22.7 17.0 25.6



#18

trans-1,2-Dichloroethene

Concen: 5.348 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

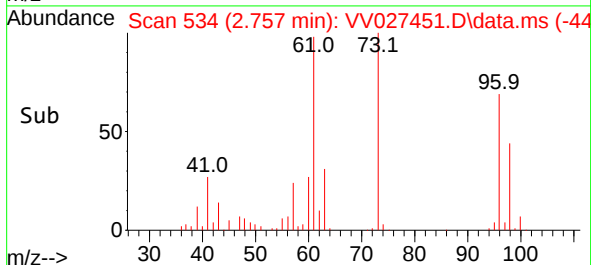
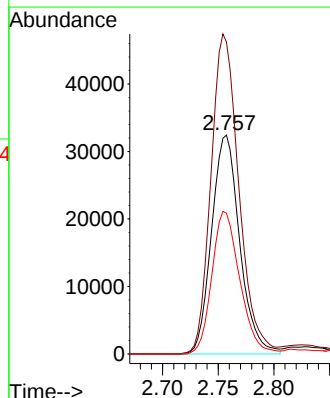
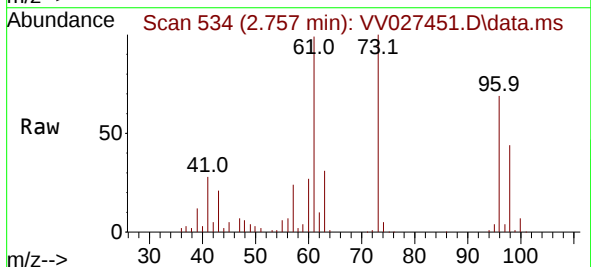
Tgt Ion: 96 Resp: 56977

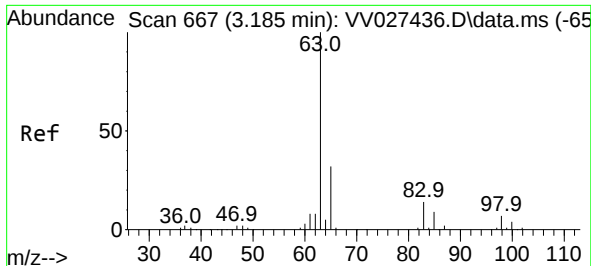
Ion Ratio Lower Upper

96 100

61 142.6 97.6 181.4

98 64.3 45.9 85.3





#19

1,1-Dichloroethane

Concen: 5.233 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

EX9E1MS

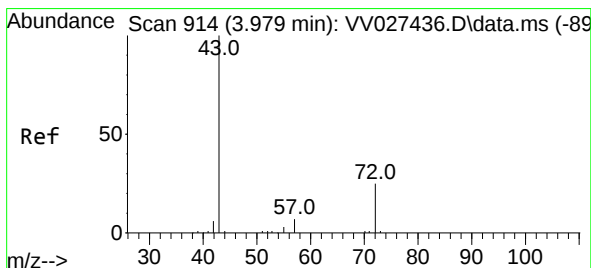
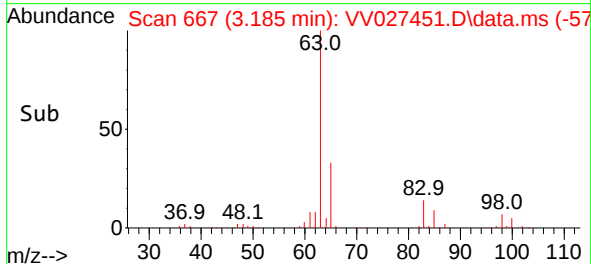
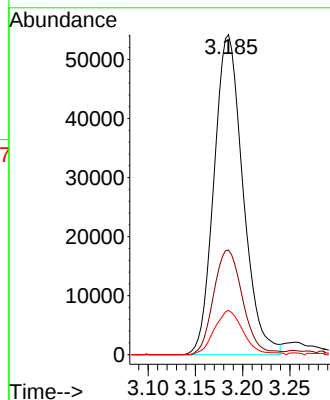
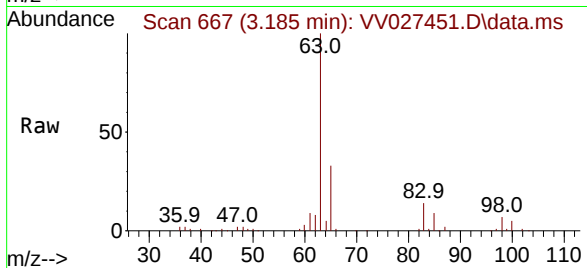
Tgt Ion: 63 Resp: 115411

Ion Ratio Lower Upper

63 100

65 32.7 22.1 41.1

83 13.8 9.6 17.8



#21

2-Butanone

Concen: 79.120 ug/L

RT: 3.970 min Scan# 911

Delta R.T. -0.010 min

Lab File: VV027451.D

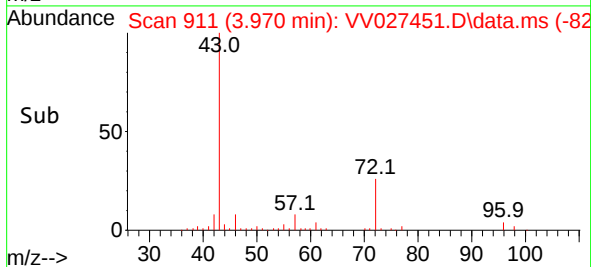
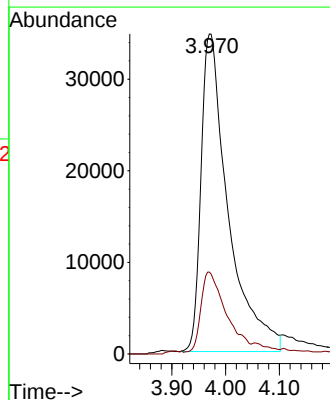
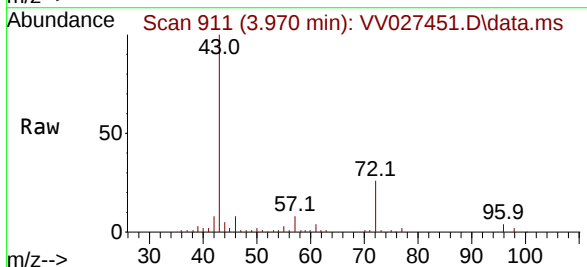
Acq: 19 Aug 2022 19:36

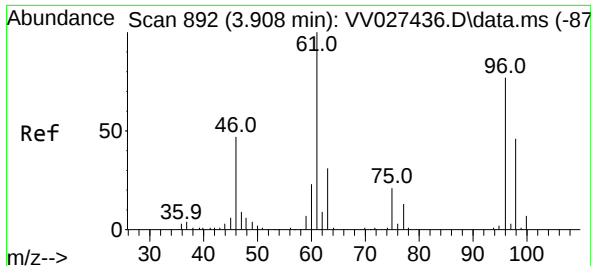
Tgt Ion: 43 Resp: 121720

Ion Ratio Lower Upper

43 100

72 22.9 12.0 36.1

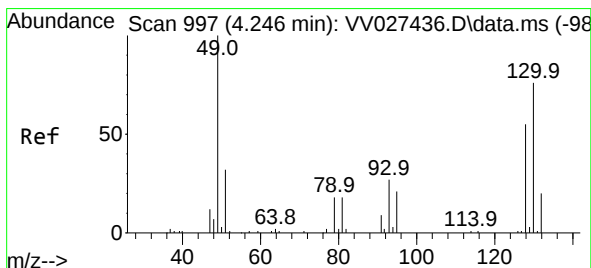
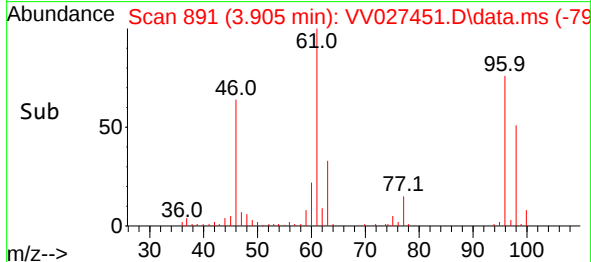
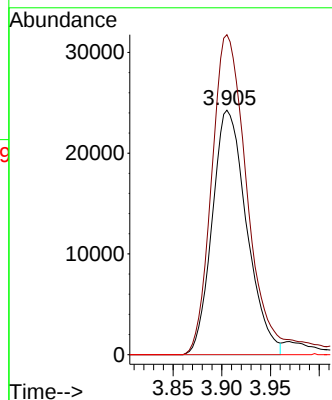
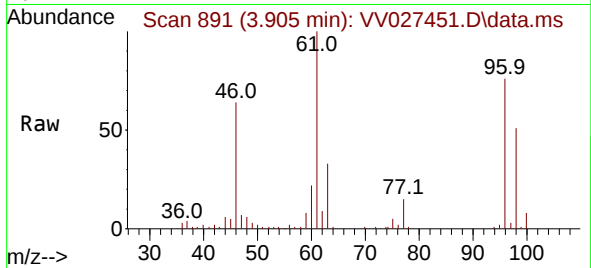




#22
 cis-1,2-Dichloroethene
 Concen: 5.260 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV027451.D
 Acq: 19 Aug 2022 19:36

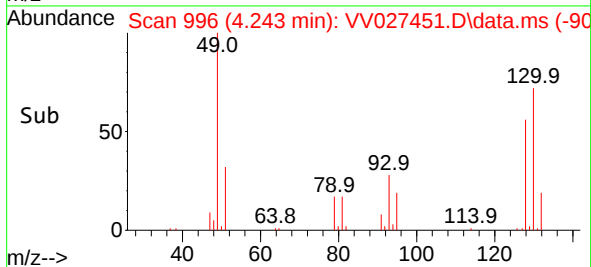
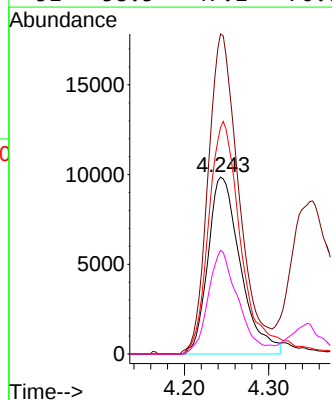
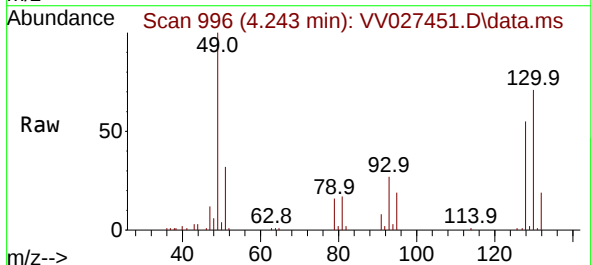
Instrument :
 MSVOA_V
 ClientSampleId :
 EX9E1MS

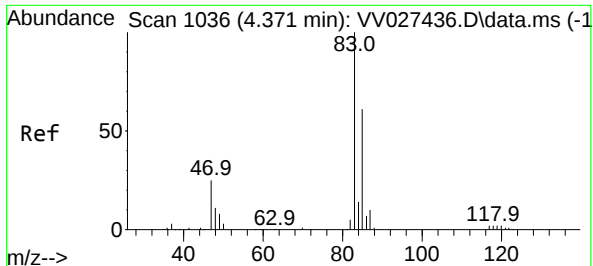
Tgt Ion: 96 Resp: 59714
 Ion Ratio Lower Upper
 96 100
 61 130.9 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.271 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.003 min
 Lab File: VV027451.D
 Acq: 19 Aug 2022 19:36

Tgt Ion: 128 Resp: 26388
 Ion Ratio Lower Upper
 128 100
 49 181.0 127.5 236.7
 130 128.0 97.0 180.2
 51 58.5 47.1 70.7





#25

Chloroform

Concen: 5.299 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

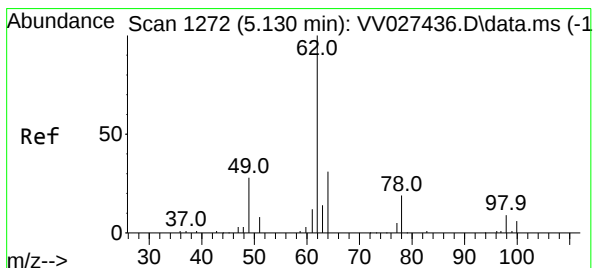
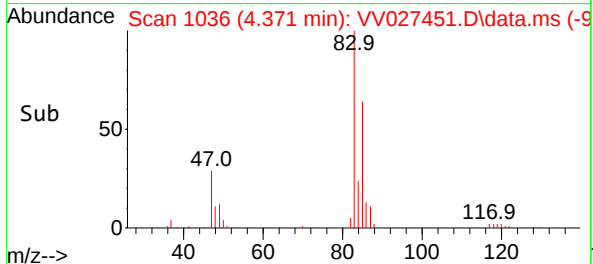
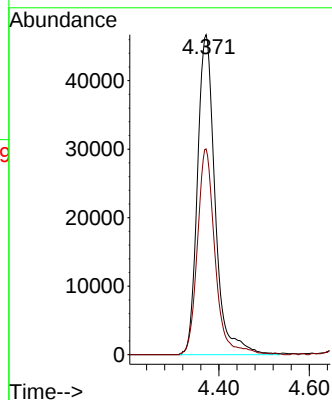
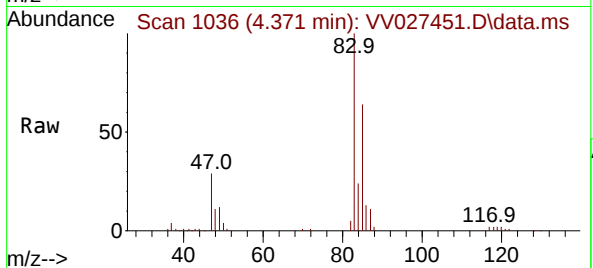
EX9E1MS

Tgt Ion: 83 Resp: 127064

Ion Ratio Lower Upper

83 100

85 64.3 43.3 80.5



#27

1,2-Dichloroethane

Concen: 5.753 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV027451.D

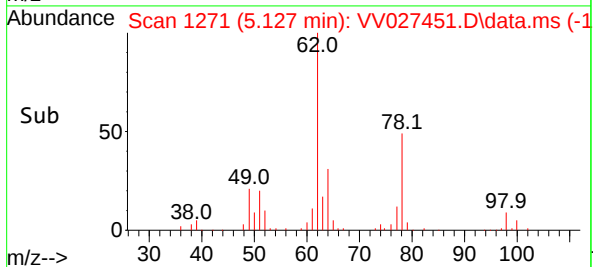
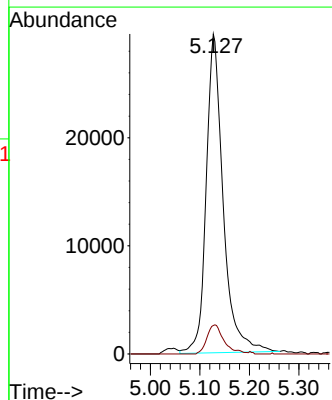
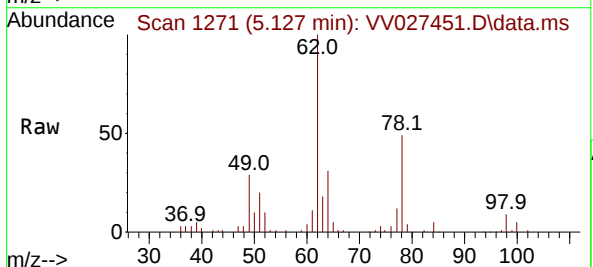
Acq: 19 Aug 2022 19:36

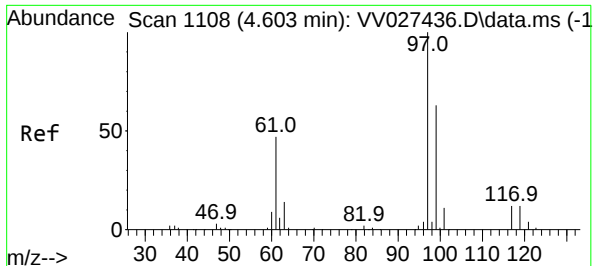
Tgt Ion: 62 Resp: 70101

Ion Ratio Lower Upper

62 100

98 8.9 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.369 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

EX9E1MS

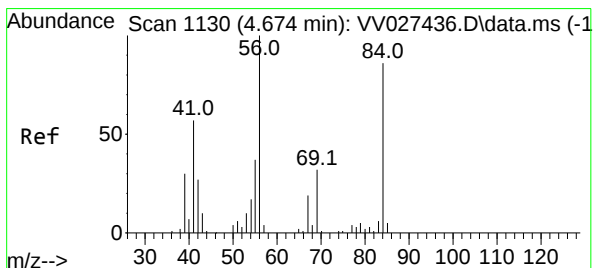
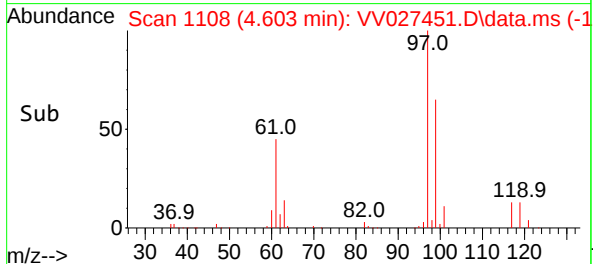
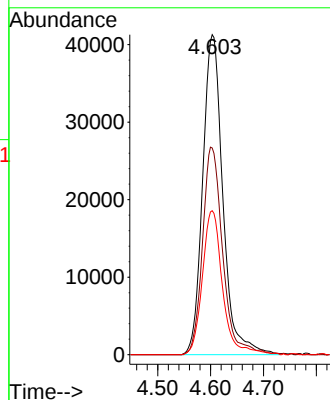
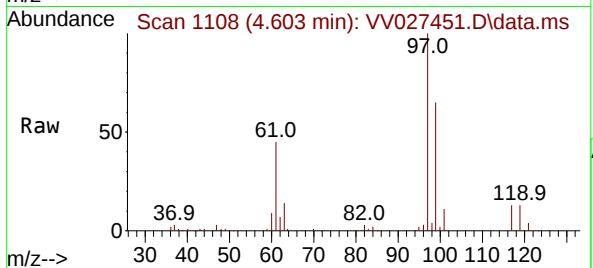
Tgt Ion: 97 Resp: 109674

Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

61 44.9 35.9 53.9



#30

Cyclohexane

Concen: 5.475 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

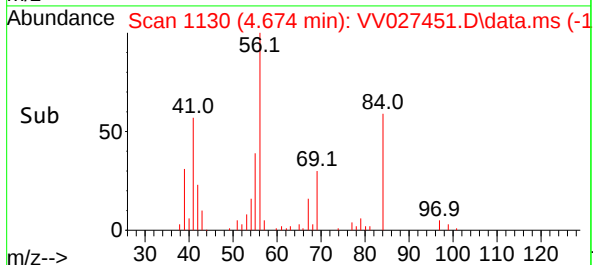
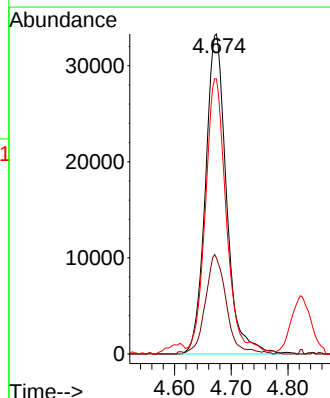
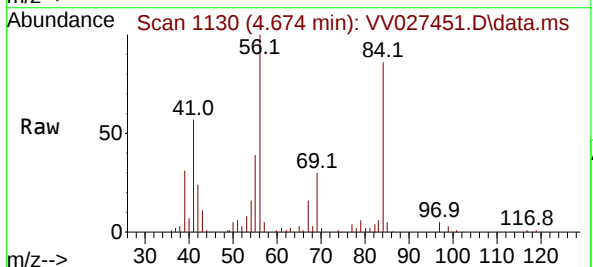
Tgt Ion: 56 Resp: 85839

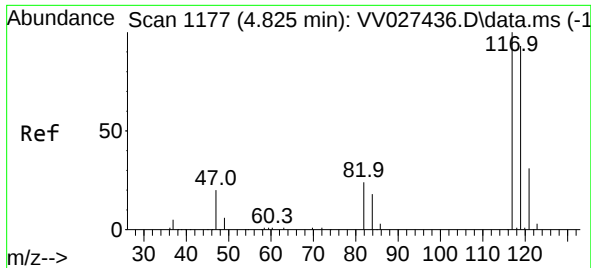
Ion Ratio Lower Upper

56 100

69 29.3 25.4 38.0

84 80.5 69.7 104.5

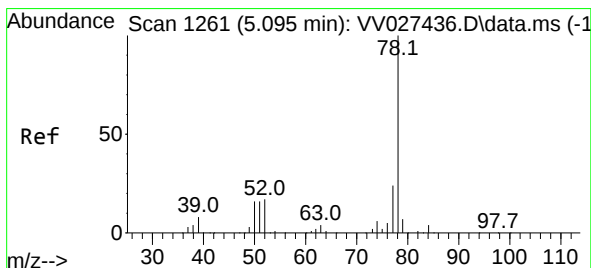
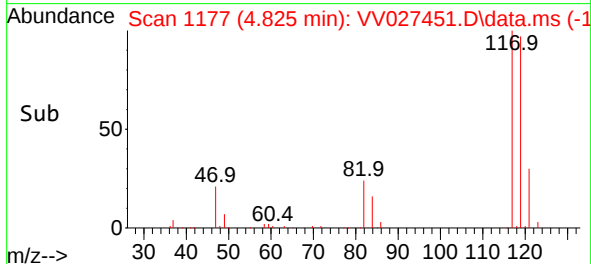
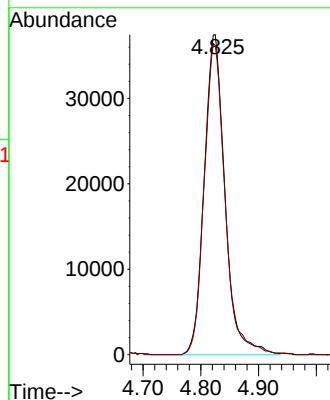
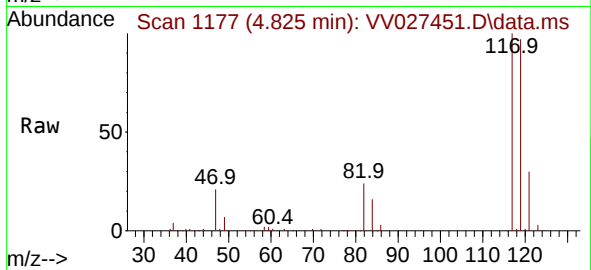




#31
Carbon tetrachloride
Concen: 5.265 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

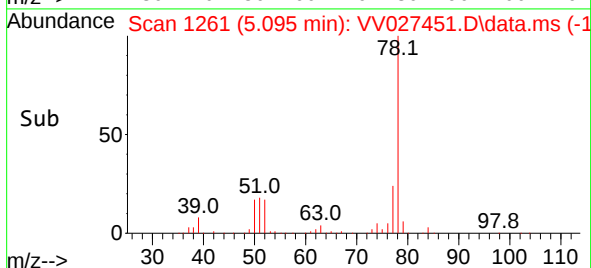
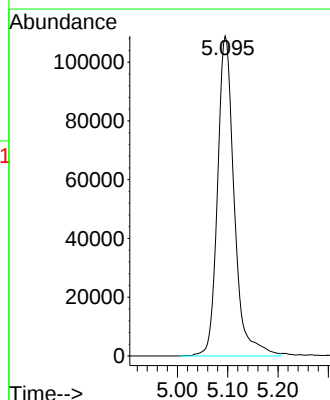
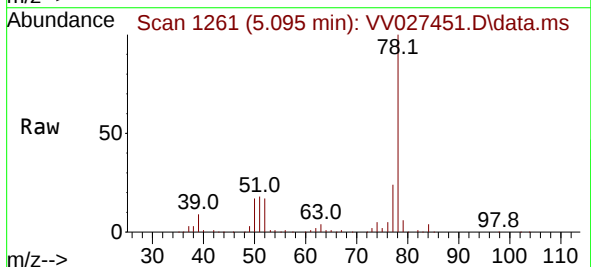
Instrument :
MSVOA_V
ClientSampleId :
EX9E1MS

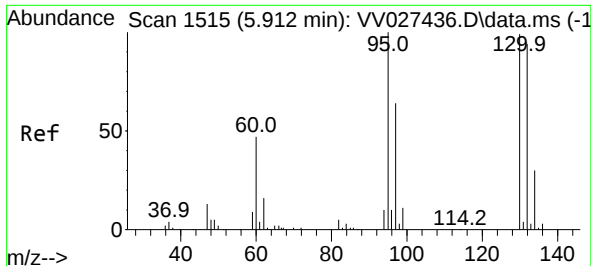
Tgt Ion:117 Resp: 93530
Ion Ratio Lower Upper
117 100
119 97.6 76.1 114.1



#33
Benzene
Concen: 5.679 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

Tgt Ion: 78 Resp: 251273

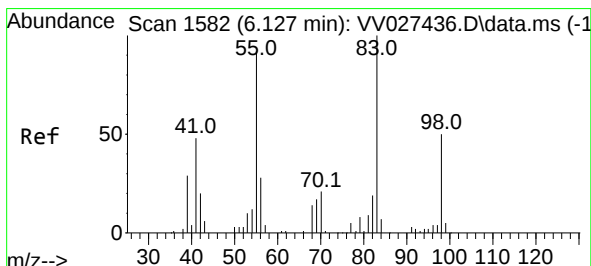
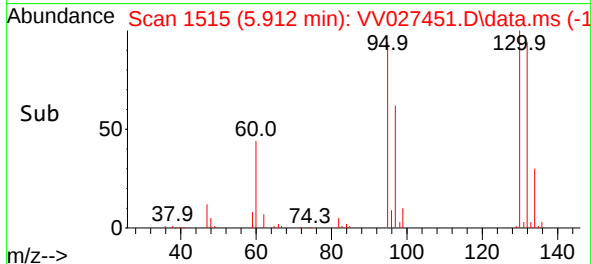
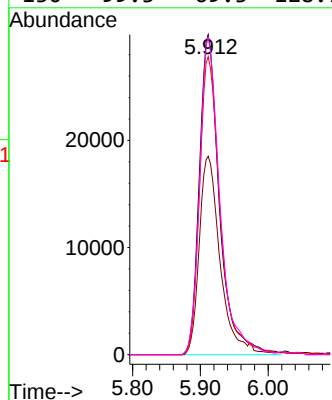
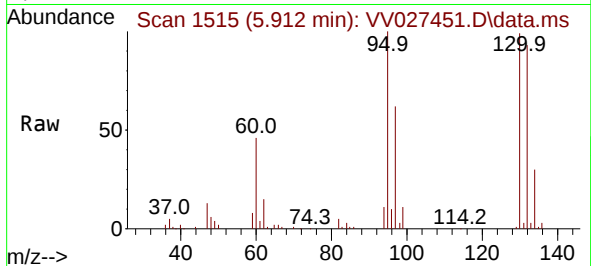




#34
Trichloroethene
Concen: 5.301 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

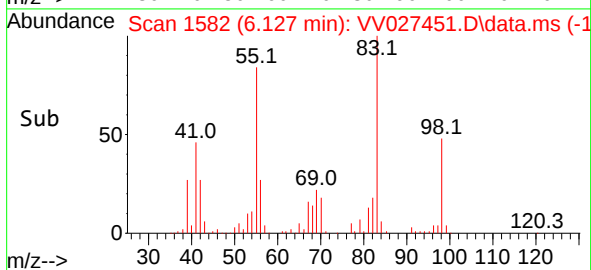
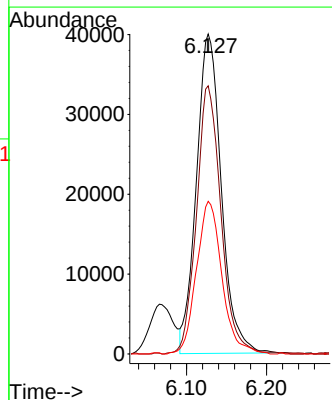
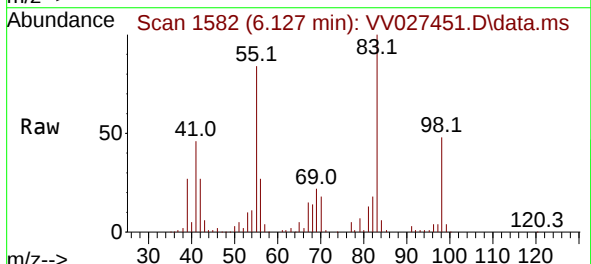
Instrument :
MSVOA_V
ClientSampleId :
EX9E1MS

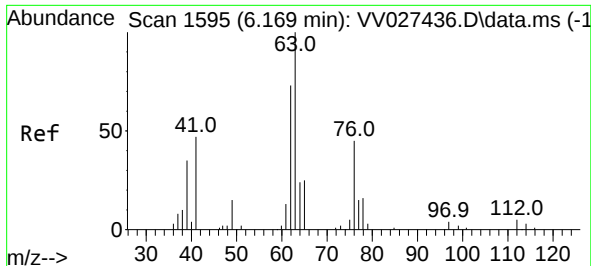
Tgt Ion: 95 Resp: 61723
Ion Ratio Lower Upper
95 100
97 62.0 45.0 83.6
132 93.1 65.7 121.9
130 99.3 69.3 128.7



#35
Methylcyclohexane
Concen: 5.307 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

Tgt Ion: 83 Resp: 86905
Ion Ratio Lower Upper
83 100
55 82.8 68.2 102.4
98 48.9 39.0 58.4

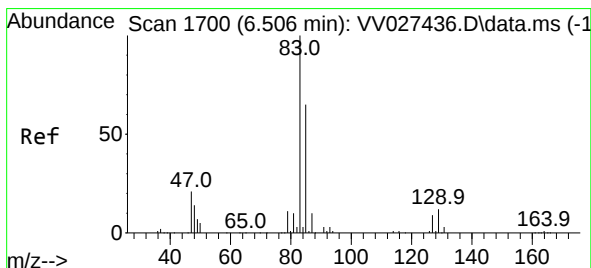
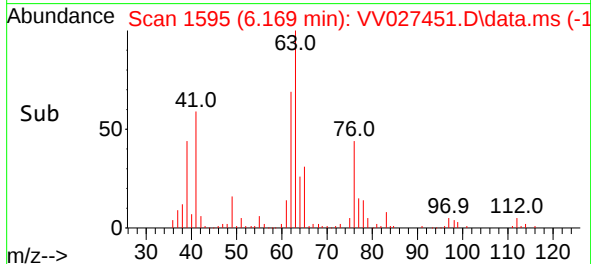
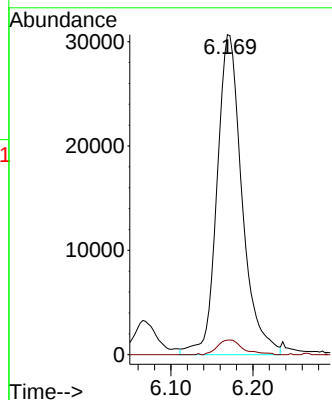
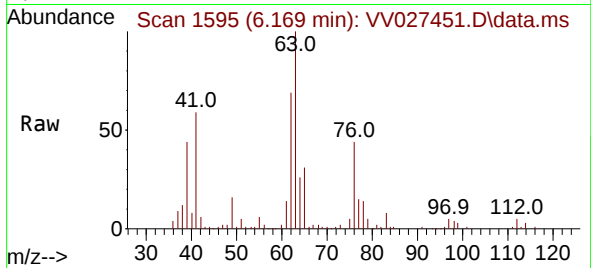




#37
1,2-Dichloropropane
Concen: 5.529 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

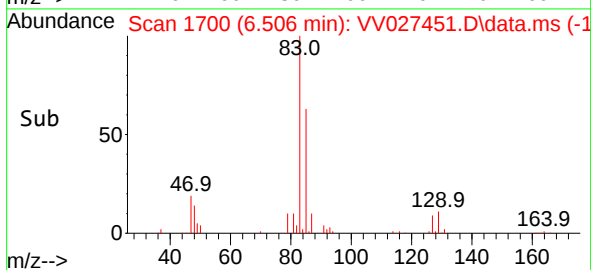
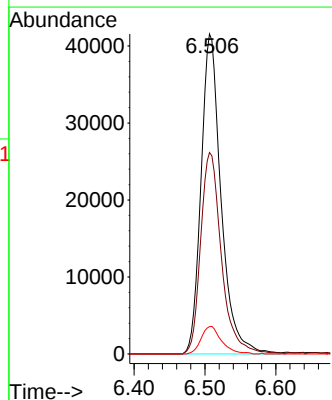
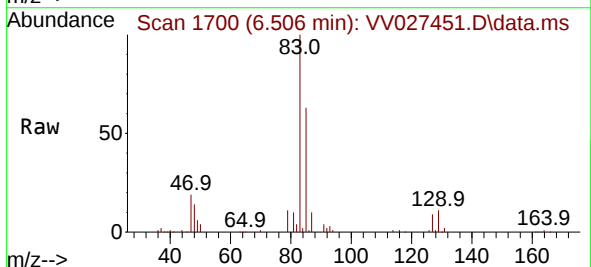
Instrument :
MSVOA_V
ClientSampleId :
EX9E1MS

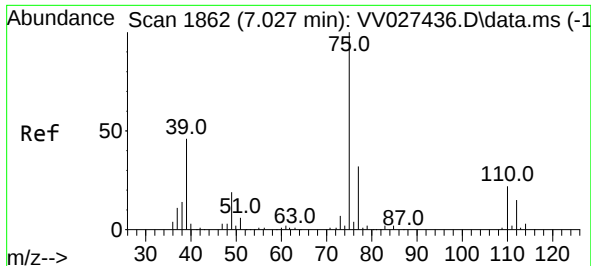
Tgt Ion: 63 Resp: 65220
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9



#38
Bromodichloromethane
Concen: 5.462 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

Tgt Ion: 83 Resp: 81688
Ion Ratio Lower Upper
83 100
85 62.9 45.3 84.1
127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.393 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

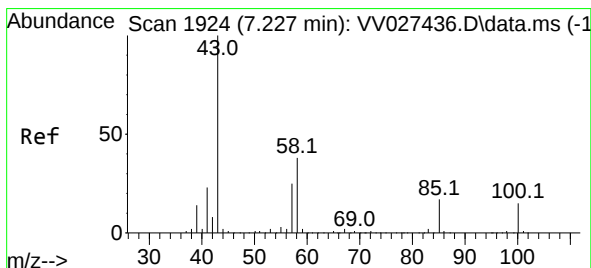
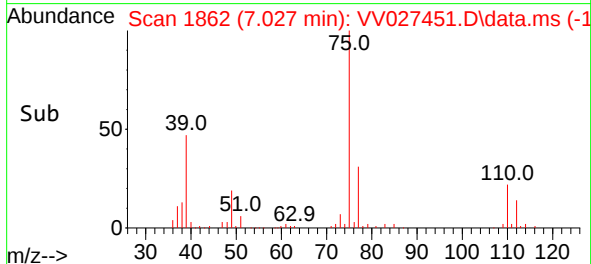
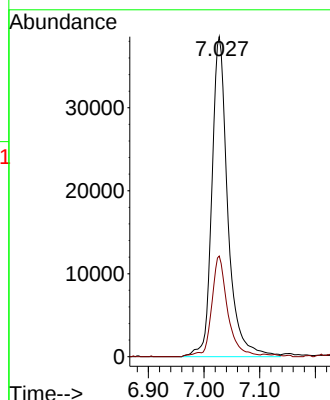
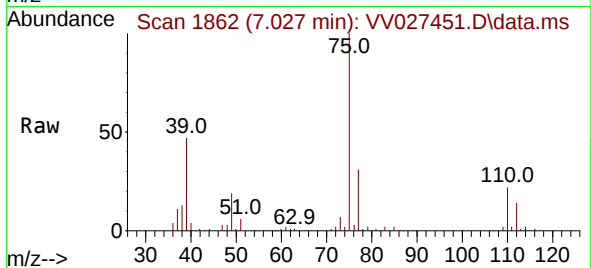
EX9E1MS

Tgt Ion: 75 Resp: 76706

Ion Ratio Lower Upper

75 100

77 31.5 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 59.135 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

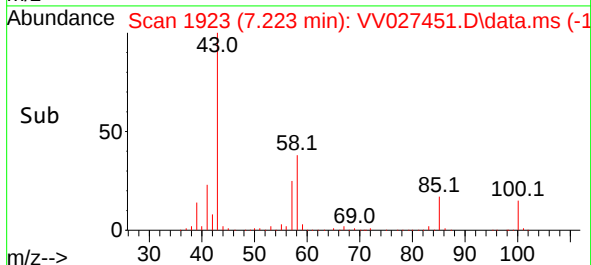
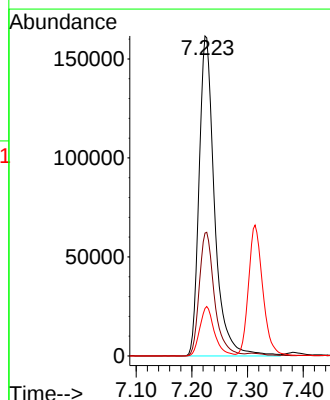
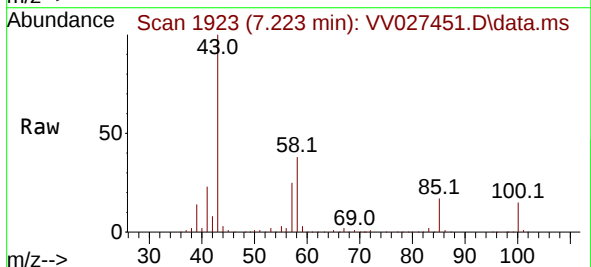
Tgt Ion: 43 Resp: 311668

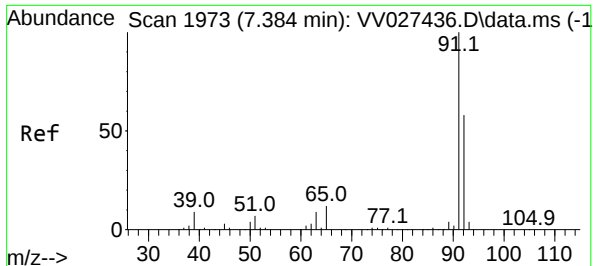
Ion Ratio Lower Upper

43 100

58 38.0 30.6 45.8

100 14.6 11.0 16.4





#42

Toluene

Concen: 5.829 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

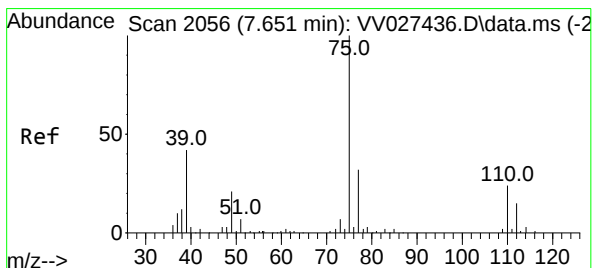
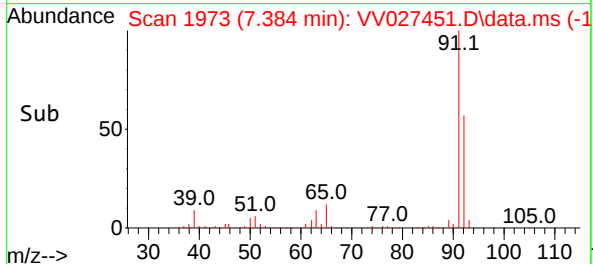
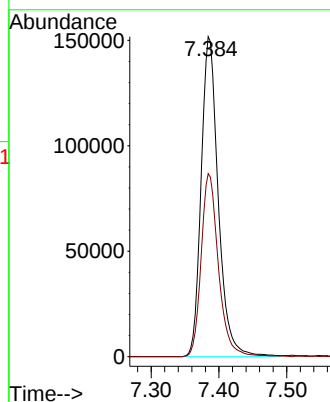
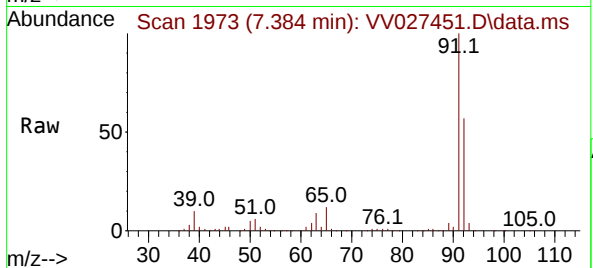
EX9E1MS

Tgt Ion: 91 Resp: 266195

Ion Ratio Lower Upper

91 100

92 57.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.246 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV027451.D

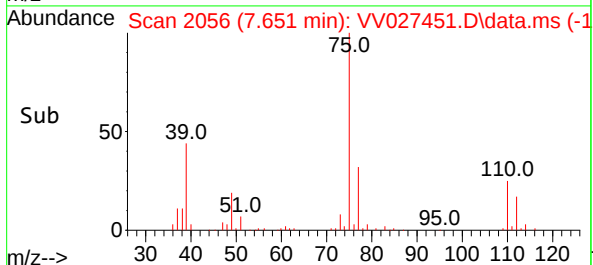
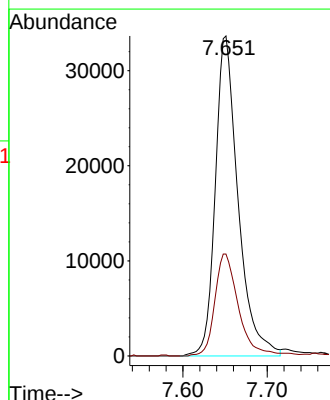
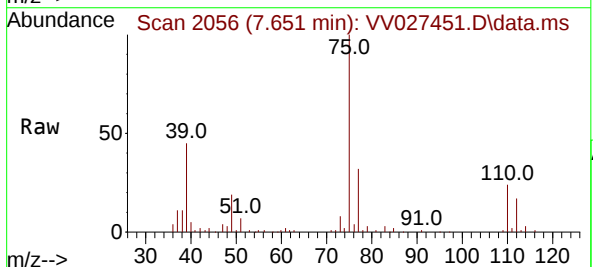
Acq: 19 Aug 2022 19:36

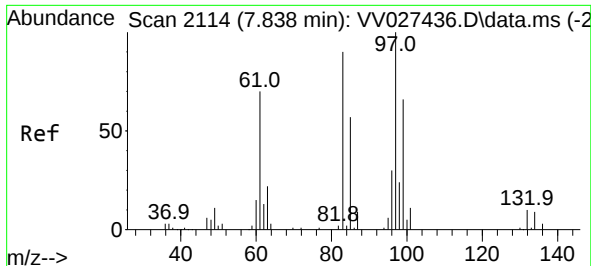
Tgt Ion: 75 Resp: 63082

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.5

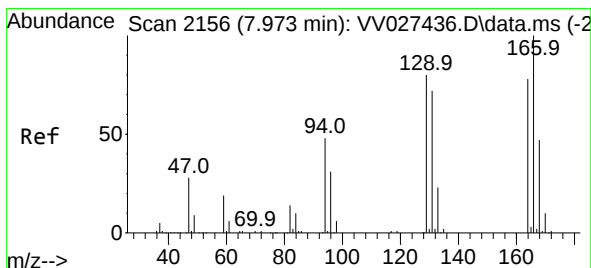
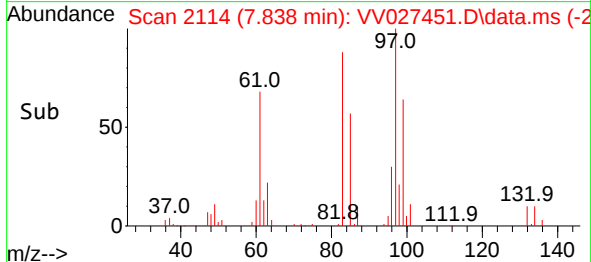
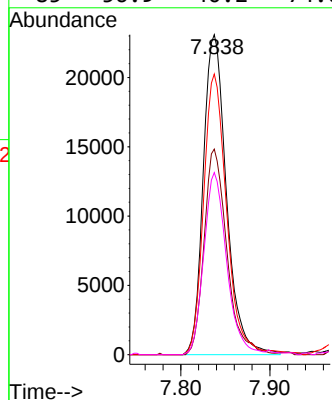
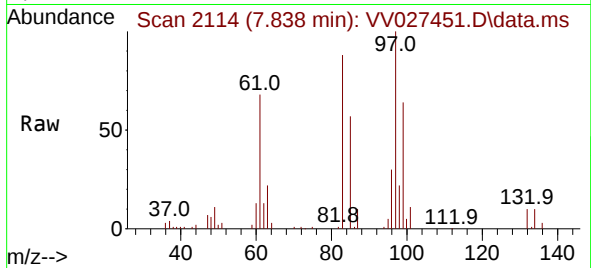




#45
 1,1,2-Trichloroethane
 Concen: 5.532 ug/L
 RT: 7.838 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: VV027451.D
 Acq: 19 Aug 2022 19:36

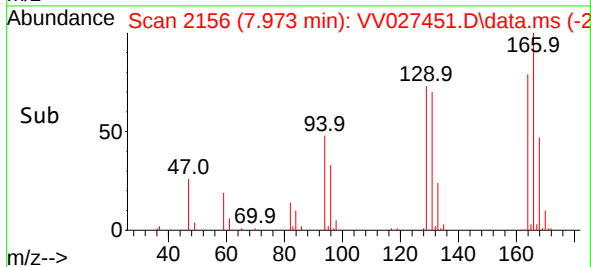
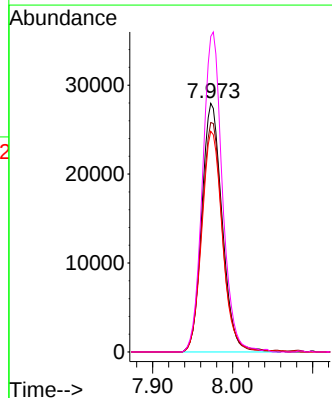
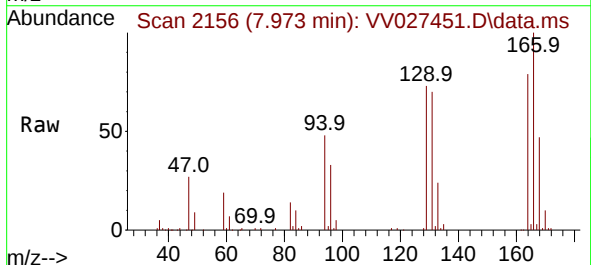
Instrument :
 MSVOA_V
 ClientSampleId :
 EX9E1MS

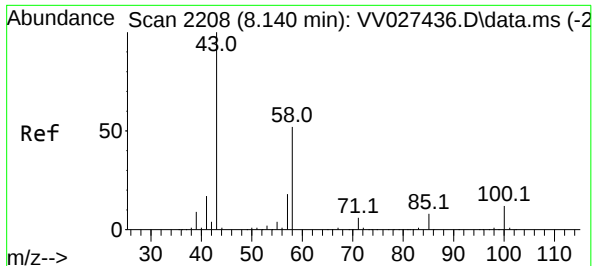
Tgt Ion:	97	Resp:	41717
Ion	Ratio	Lower	Upper
97	100		
99	64.3	46.1	85.7
83	87.7	63.0	117.0
85	56.9	40.2	74.6



#47
 Tetrachloroethene
 Concen: 5.482 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. 0.000 min
 Lab File: VV027451.D
 Acq: 19 Aug 2022 19:36

Tgt Ion:	164	Resp:	49723
Ion	Ratio	Lower	Upper
164	100		
129	92.3	71.1	132.1
131	88.7	64.5	119.9
166	126.9	89.4	166.0



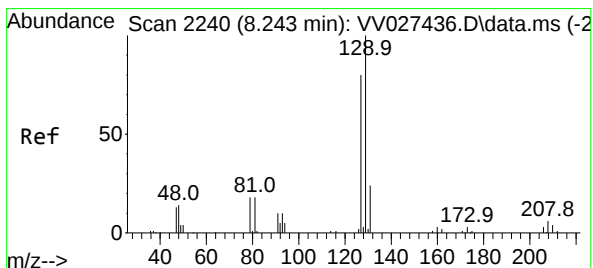
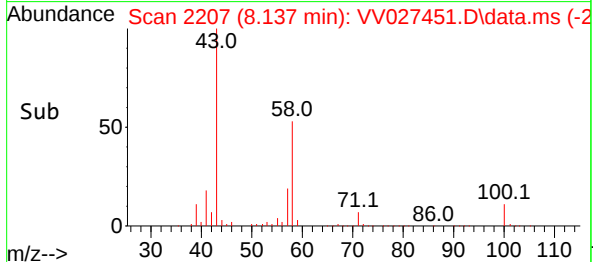
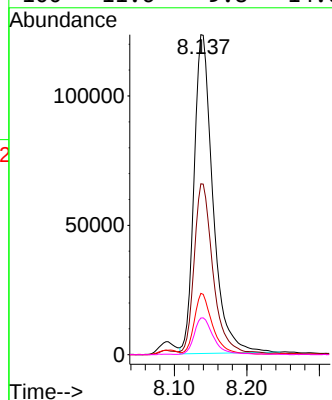
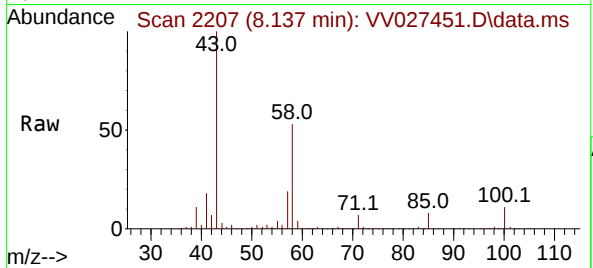


#48
2-Hexanone
Concen: 58.752 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

Instrument :
MSVOA_V
ClientSampleId :
EX9E1MS

Tgt Ion: 43 Resp: 223125

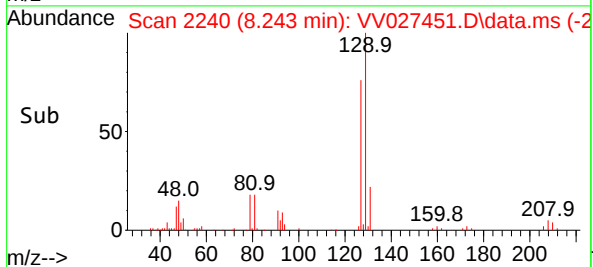
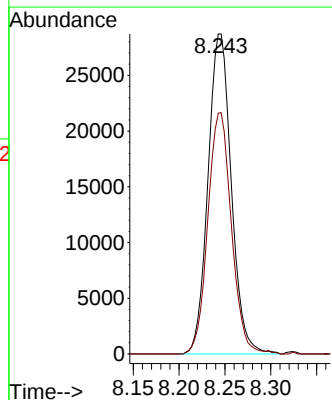
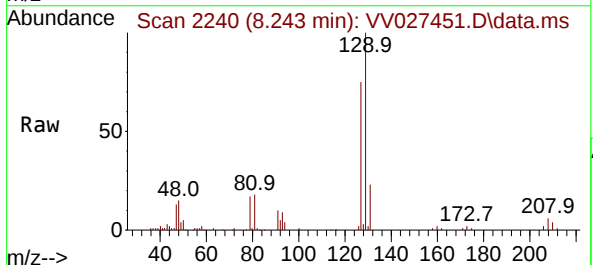
Ion	Ratio	Lower	Upper
43	100		
58	53.4	41.3	61.9
57	18.4	14.9	22.3
100	11.6	9.8	14.6

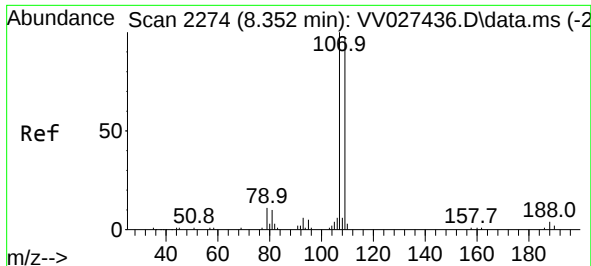


#49
Dibromochloromethane
Concen: 5.476 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

Tgt Ion: 129 Resp: 50789

Ion	Ratio	Lower	Upper
129	100		
127	75.3	55.9	103.7





#50

1,2-Dibromoethane

Concen: 5.669 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

EX9E1MS

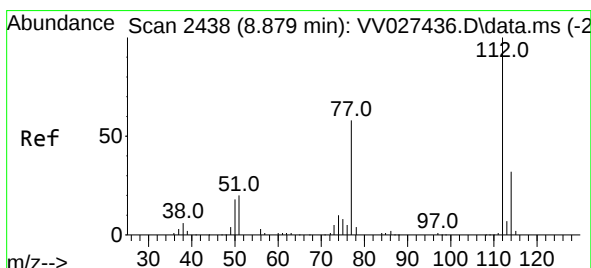
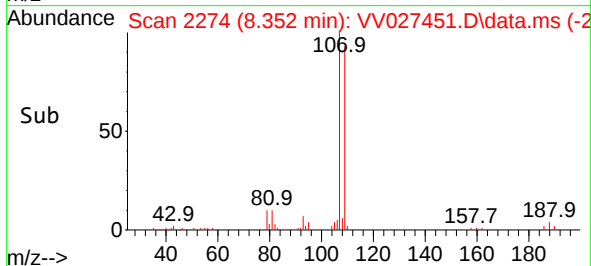
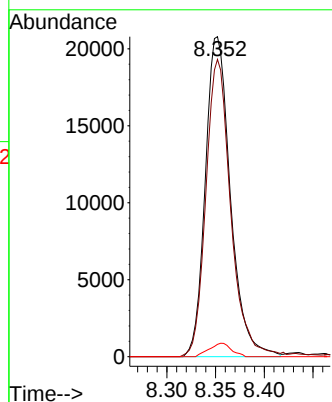
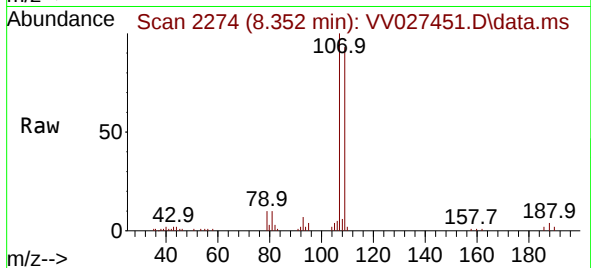
Tgt Ion:107 Resp: 37315

Ion Ratio Lower Upper

107 100

109 92.9 67.8 125.8

188 3.8 3.5 5.3



#51

Chlorobenzene

Concen: 5.520 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

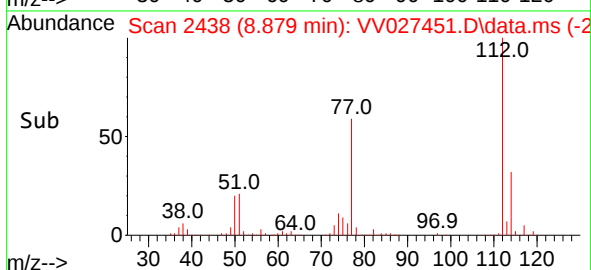
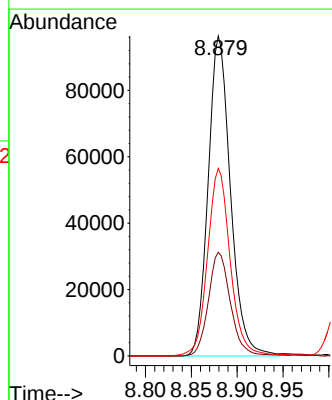
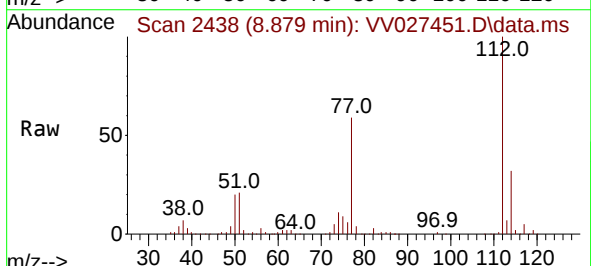
Tgt Ion:112 Resp: 163172

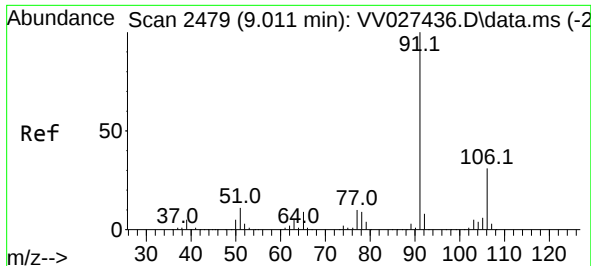
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.1

77 58.6 46.2 69.4

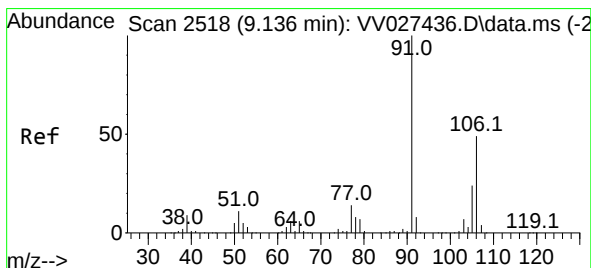
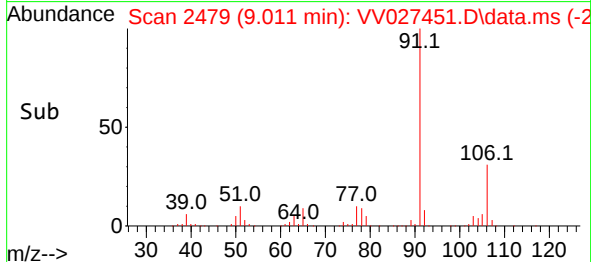
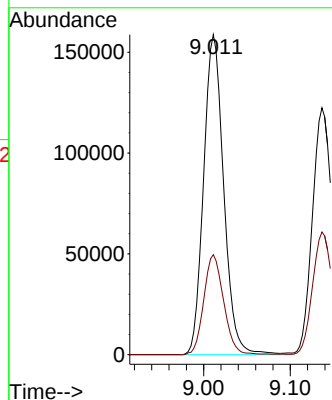
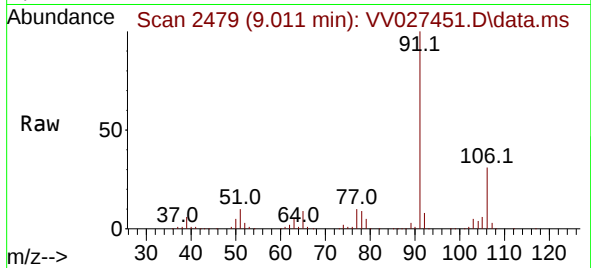




#52
Ethylbenzene
Concen: 5.485 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

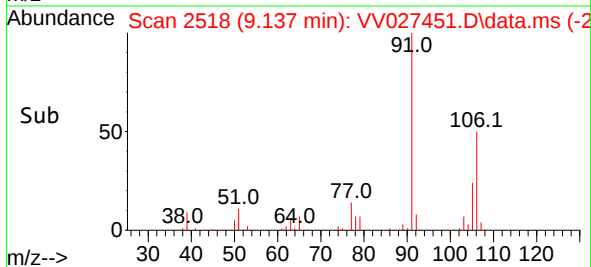
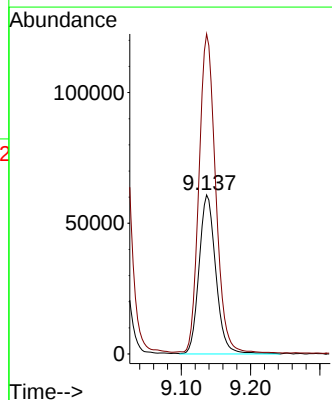
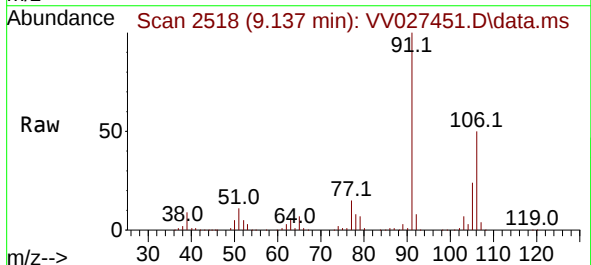
Instrument :
MSVOA_V
ClientSampleId :
EX9E1MS

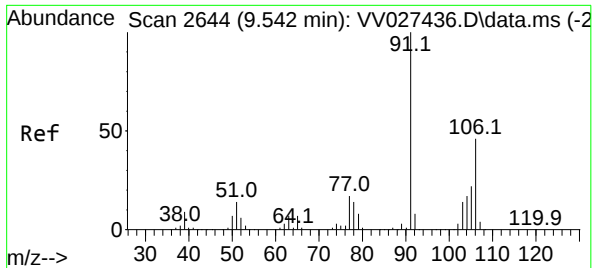
Tgt Ion: 91 Resp: 255686
Ion Ratio Lower Upper
91 100
106 31.3 21.4 39.8



#53
m,p-Xylene
Concen: 5.729 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

Tgt Ion: 106 Resp: 102195
Ion Ratio Lower Upper
106 100
91 201.2 143.8 267.0

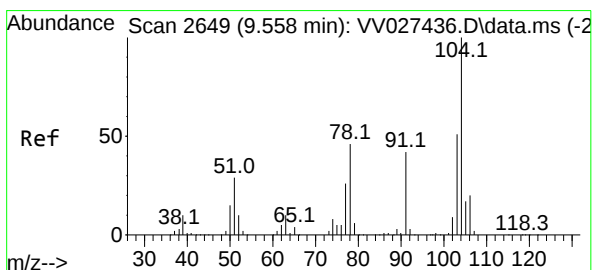
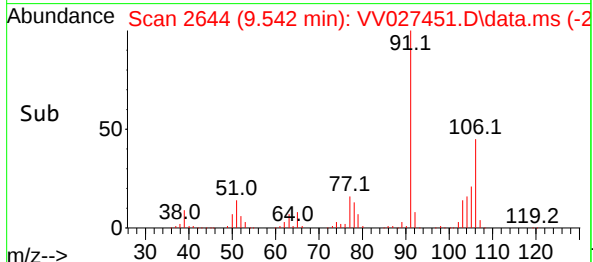
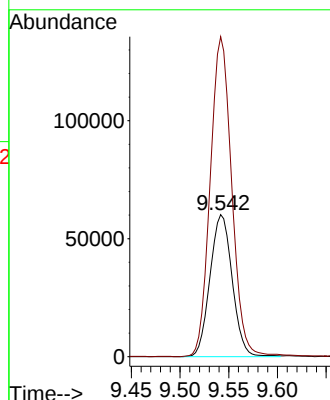
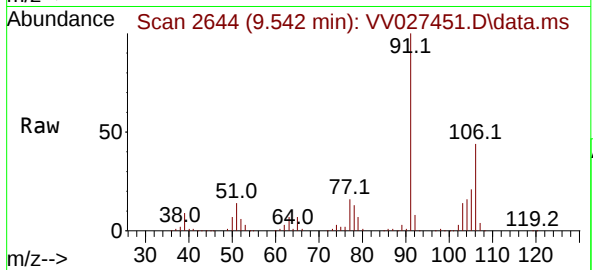




#54
o-Xylene
Concen: 5.517 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

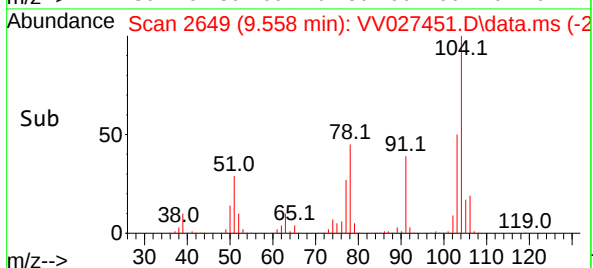
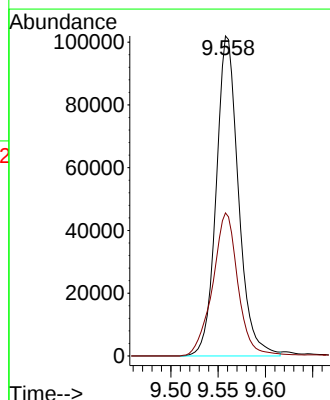
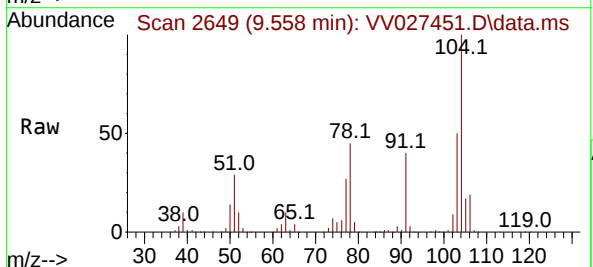
Instrument :
MSVOA_V
ClientSampleId :
EX9E1MS

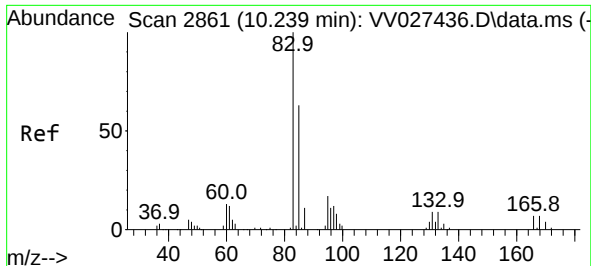
Tgt Ion:106 Resp: 95457
Ion Ratio Lower Upper
106 100
91 225.2 151.6 281.6



#55
Styrene
Concen: 5.670 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

Tgt Ion:104 Resp: 166924
Ion Ratio Lower Upper
104 100
78 44.7 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.680 ug/L

RT: 10.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

EX9E1MS

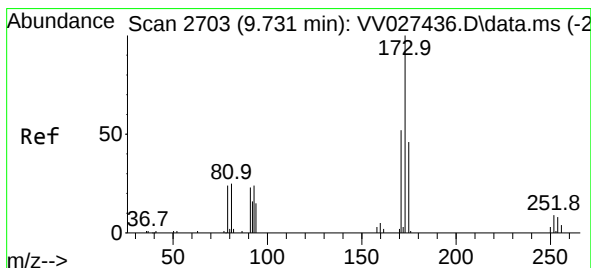
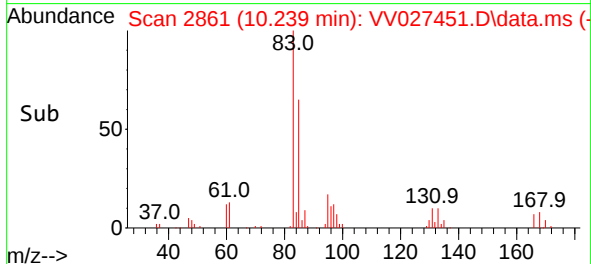
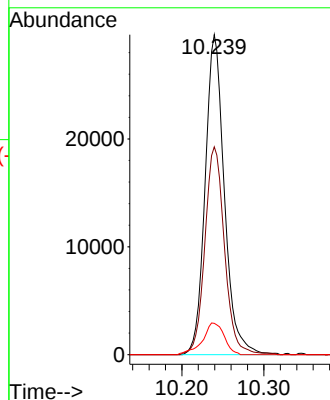
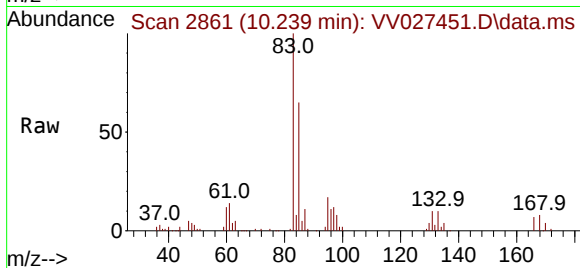
Tgt Ion: 83 Resp: 48251

Ion Ratio Lower Upper

83 100

85 64.9 44.1 81.9

131 9.8 7.3 10.9



#59

Bromoform

Concen: 5.207 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

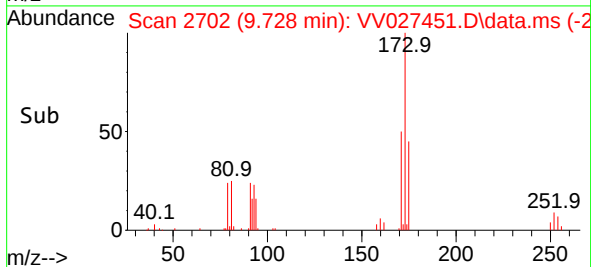
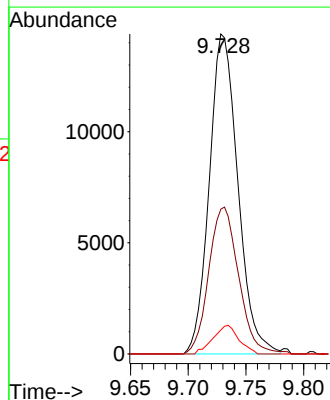
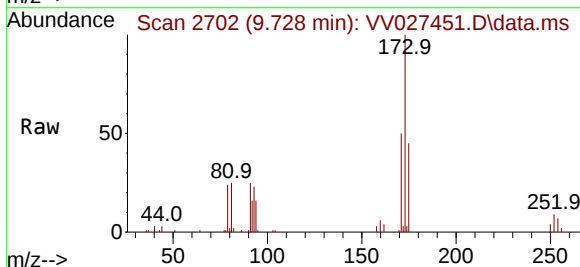
Tgt Ion: 173 Resp: 24795

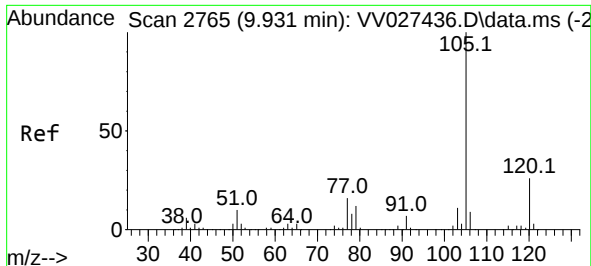
Ion Ratio Lower Upper

173 100

175 47.9 39.0 58.6

254 8.0 7.1 10.7

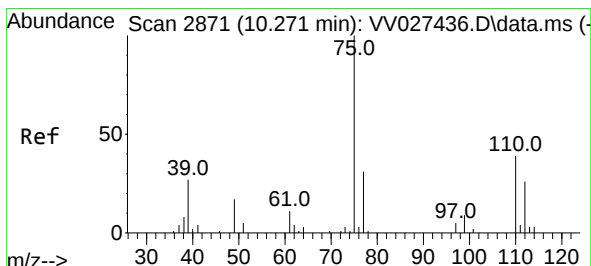
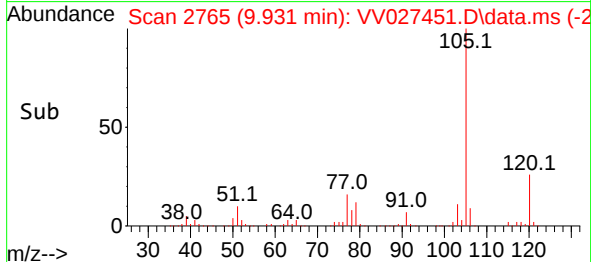
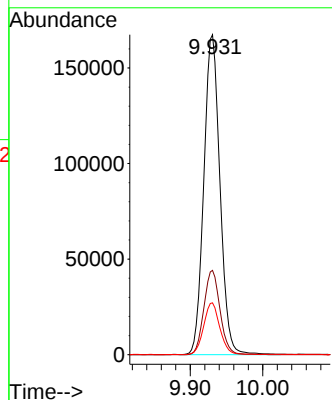
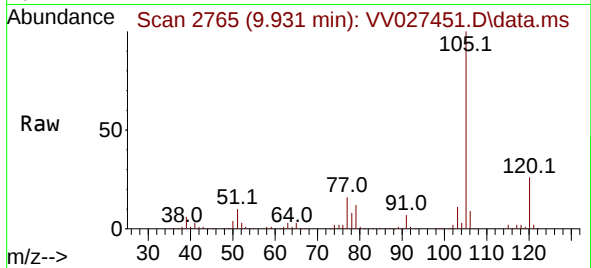




#60
Isopropylbenzene
Concen: 5.546 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

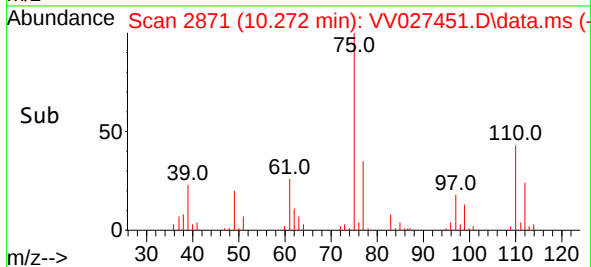
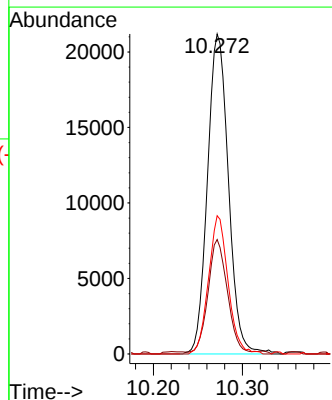
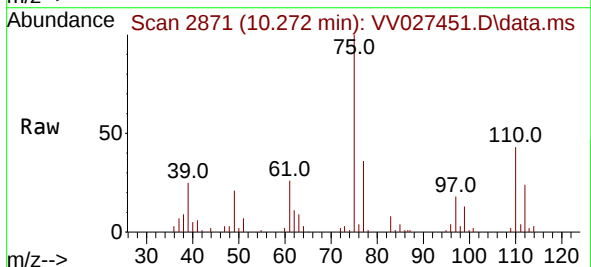
Instrument :
MSVOA_V
ClientSampleId :
EX9E1MS

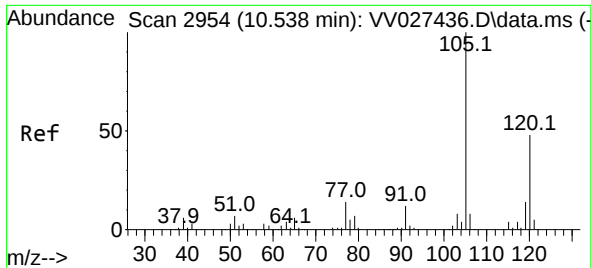
Tgt Ion:105 Resp: 259248
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.572 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

Tgt Ion: 75 Resp: 34732
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.2
110 40.2 29.9 44.9

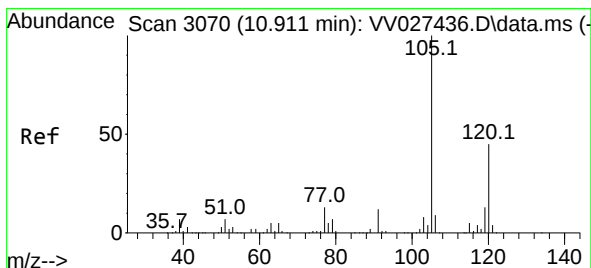
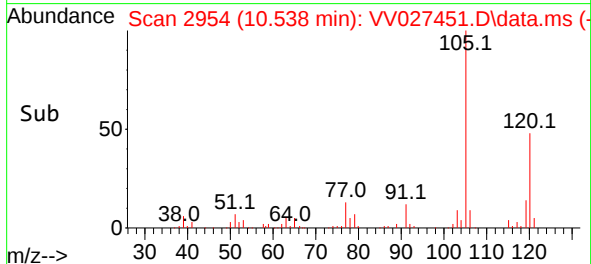
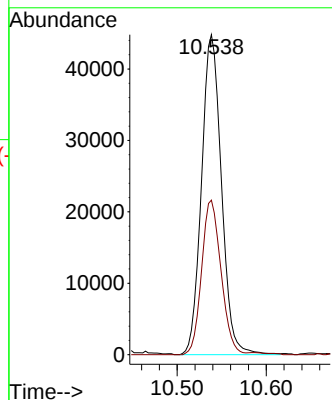
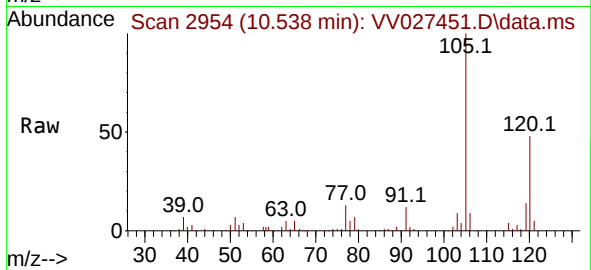




#62
 1,3,5-Trimethylbenzene
 Concen: 5.381 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027451.D
 Acq: 19 Aug 2022 19:36

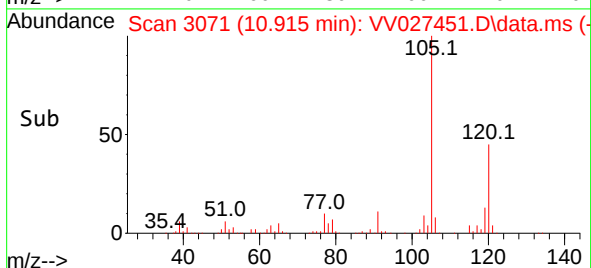
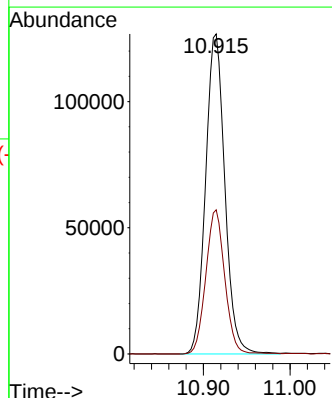
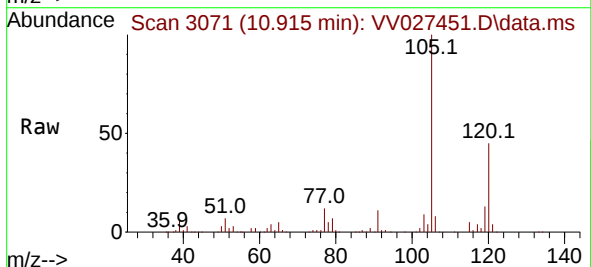
Instrument :
 MSVOA_V
 ClientSampleId :
 EX9E1MS

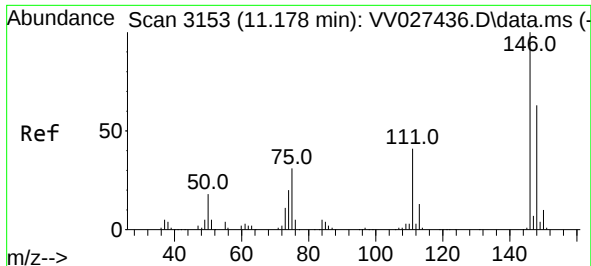
Tgt Ion:105 Resp: 69754
 Ion Ratio Lower Upper
 105 100
 120 46.9 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.346 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027451.D
 Acq: 19 Aug 2022 19:36

Tgt Ion:105 Resp: 195253
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.8 53.6

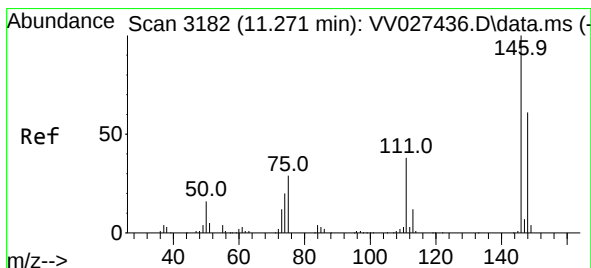
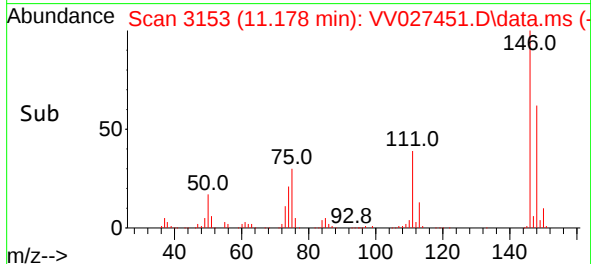
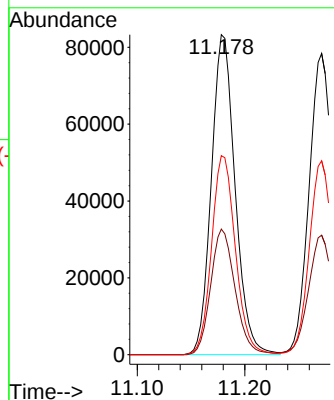
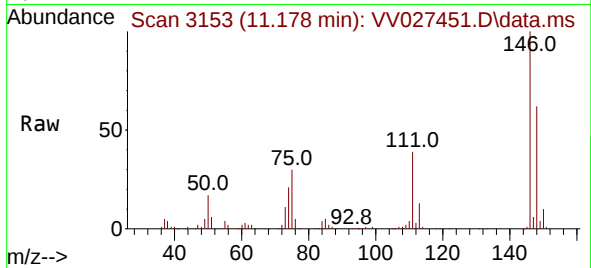




#64
1,3-Dichlorobenzene
Concen: 5.560 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

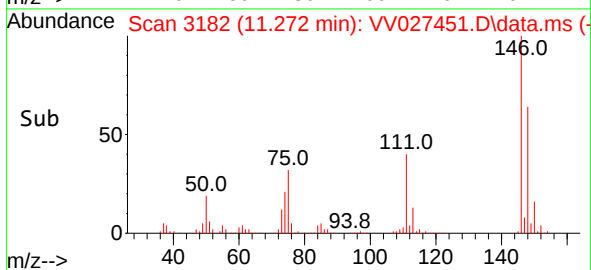
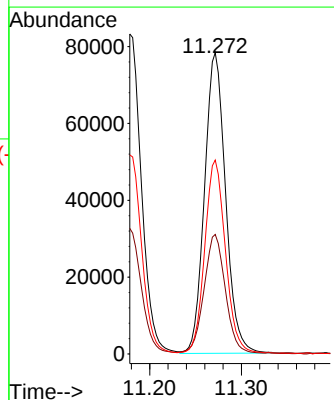
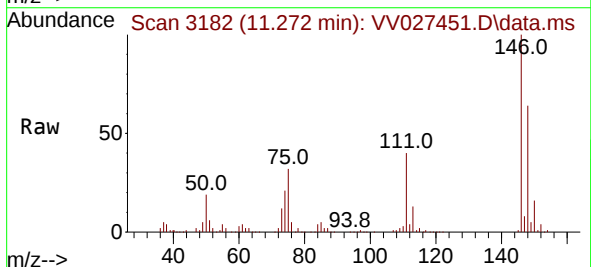
Instrument :
MSVOA_V
ClientSampleId :
EX9E1MS

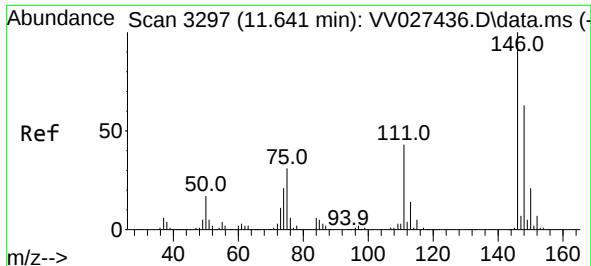
Tgt Ion:146 Resp: 128058
Ion Ratio Lower Upper
146 100
111 39.2 28.8 53.4
148 62.2 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.444 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027451.D
Acq: 19 Aug 2022 19:36

Tgt Ion:146 Resp: 125002
Ion Ratio Lower Upper
146 100
111 39.7 26.6 49.4
148 64.4 42.6 79.0





#67

1,2-Dichlorobenzene

Concen: 5.456 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

EX9E1MS

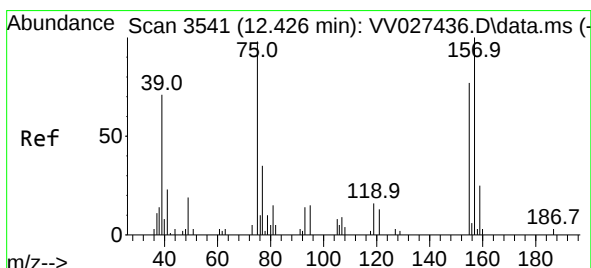
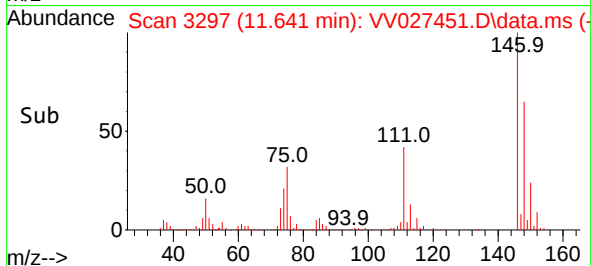
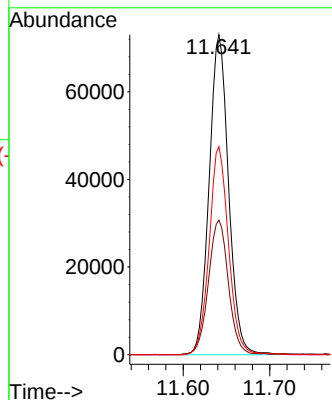
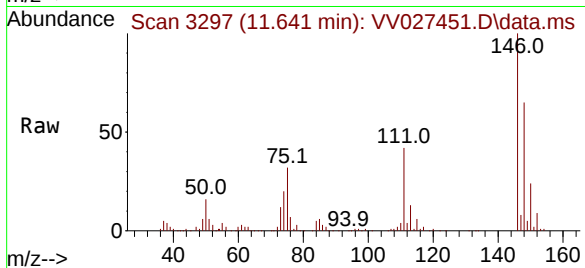
Tgt Ion:146 Resp: 113927

Ion Ratio Lower Upper

146 100

111 42.1 34.5 51.7

148 65.0 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.238 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

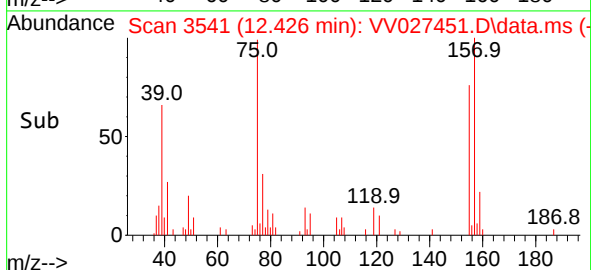
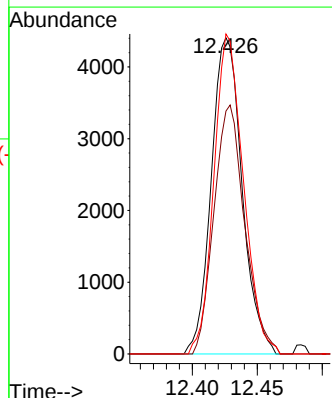
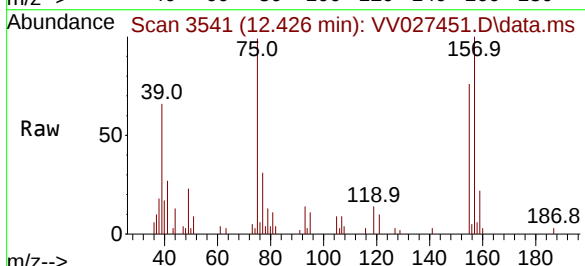
Tgt Ion: 75 Resp: 7253

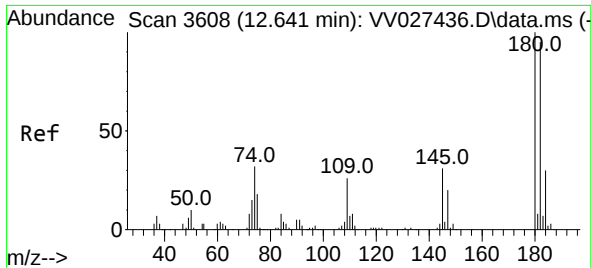
Ion Ratio Lower Upper

75 100

155 76.8 63.1 94.7

157 101.2 81.8 122.8

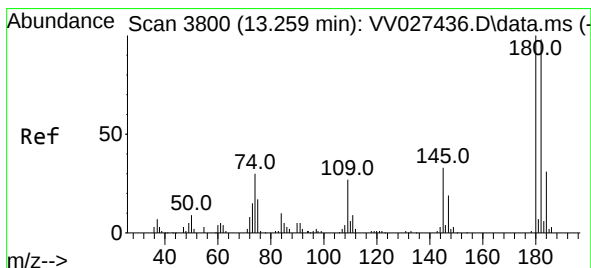
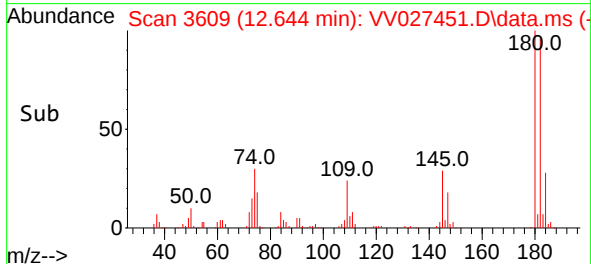
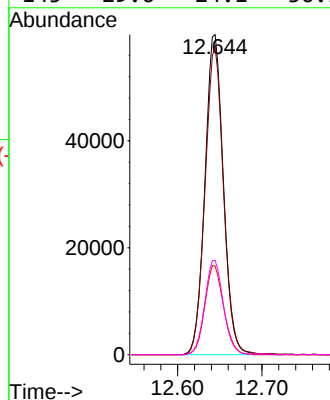
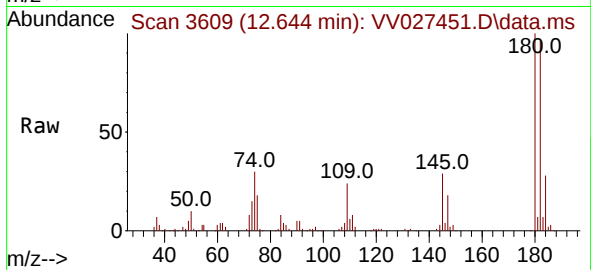




#69
 1,3,5-Trichlorobenzene
 Concen: 5.330 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV027451.D
 Acq: 19 Aug 2022 19:36

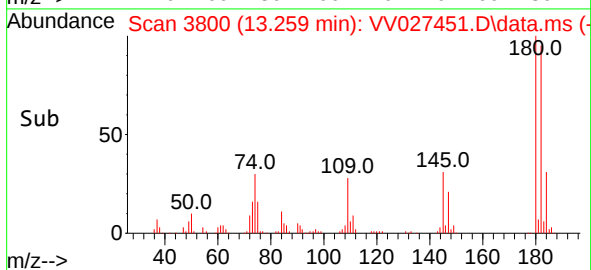
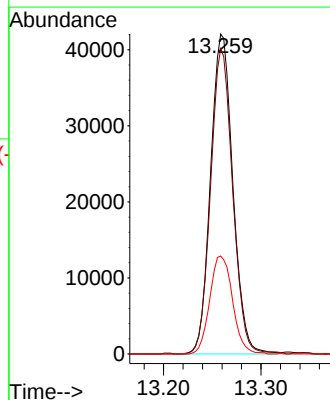
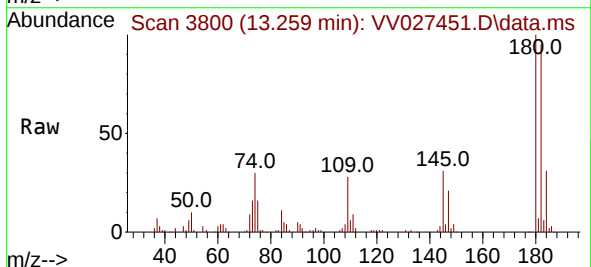
Instrument :
 MSVOA_V
 ClientSampleId :
 EX9E1MS

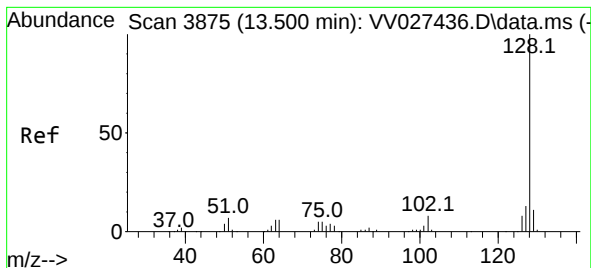
Tgt Ion:180	Resp:	91645
Ion Ratio	Lower	Upper
180	100	
182	95.3	74.1 111.1
184	28.3	23.2 34.8
145	29.6	24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.352 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027451.D
 Acq: 19 Aug 2022 19:36

Tgt Ion:180	Resp:	66864
Ion Ratio	Lower	Upper
180	100	
182	94.1	76.0 114.0
145	31.3	24.9 37.3





#71

Naphthalene

Concen: 5.295 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

EX9E1MS

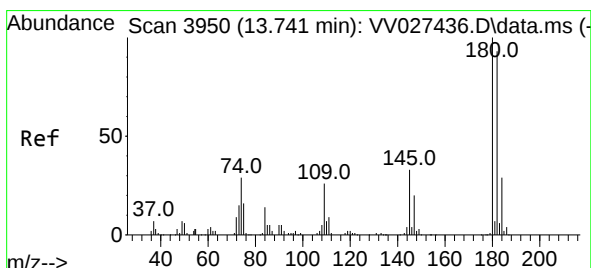
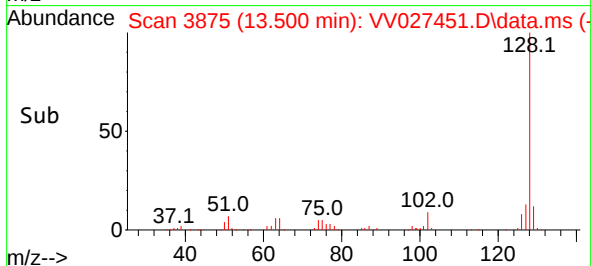
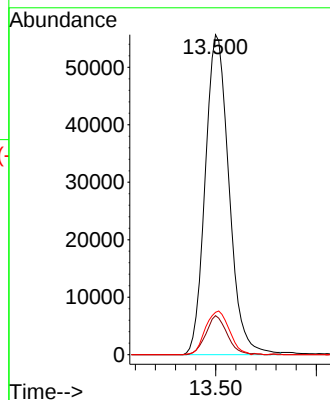
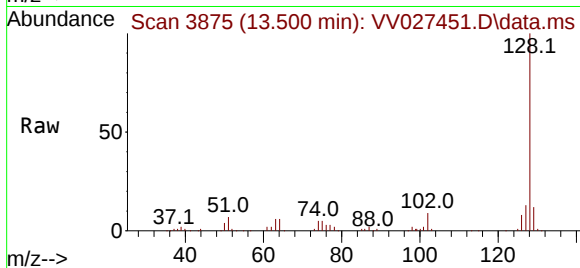
Tgt Ion:128 Resp: 91328

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.8 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.338 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027451.D

Acq: 19 Aug 2022 19:36

Tgt Ion:180 Resp: 59232

Ion Ratio Lower Upper

180 100

182 98.3 75.3 112.9

145 33.7 26.6 39.8

