

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
 Data File : VW027959.D
 Acq On : 20 Sep 2022 13:18
 Operator : SY/MD
 Sample : VSTD05060
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050260

Quant Time: Sep 21 01:30:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:28:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	376701	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	371304	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	210906	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	162512	60.047	ug/L	0.00
7) Chloroethane-d5	1.561	69	126820	63.399	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	284701	57.792	ug/L	0.00
21) 2-Butanone-d5	3.870	46	197412	89.548	ug/L	0.00
24) Chloroform-d	4.339	84	275444	51.771	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	183759	55.194	ug/L	0.00
32) Benzene-d6	5.043	84	560484	60.066	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	172977	53.805	ug/L	0.00
41) Toluene-d8	7.310	98	497442	62.539	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	84495	58.986	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	171052	111.078	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	254573	49.578	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	196928	52.880	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	131593	40.786	ug/L	100
3) Chloromethane	1.240	50	154942	41.998	ug/L	100
5) Vinyl chloride	1.307	62	159599	43.052	ug/L	100
6) Bromomethane	1.513	94	100577	54.217	ug/L	100
8) Chloroethane	1.577	64	100036	47.960	ug/L	100
9) Trichlorofluoromethane	1.748	101	235202	48.024	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	125948	46.643	ug/L	100
12) 1,1-Dichloroethene	2.111	96	125490	47.961	ug/L	100
13) Acetone	2.156	43	152191	88.534	ug/L	100
14) Carbon disulfide	2.288	76	341323	40.114	ug/L	100
15) Methyl Acetate	2.423	43	145878	38.386	ug/L	100
16) Methylene chloride	2.500	84	142775	42.336	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	123603	43.963	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	394817	46.877	ug/L	100
19) 1,1-Dichloroethane	3.182	63	234533	41.918	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	137767	46.834	ug/L	100
22) 2-Butanone	3.950	43	202424	88.541	ug/L	100
23) Bromochloromethane	4.240	128	75270	45.775	ug/L	100
25) Chloroform	4.368	83	254337	44.405	ug/L	100
27) 1,2-Dichloroethane	5.124	62	207939	46.403	ug/L	100
29) Cyclohexane	4.670	56	208587	49.043	ug/L	100
30) 1,1,1-Trichloroethane	4.600	97	228070	46.895	ug/L	100
31) Carbon tetrachloride	4.822	117	199542	47.059	ug/L	100
33) Benzene	5.092	78	563922	48.130	ug/L	100
34) Trichloroethene	5.908	95	134777	45.283	ug/L	100
35) Methylcyclohexane	6.127	83	215812	48.782	ug/L	100
37) 1,2-Dichloropropane	6.169	63	149995	46.163	ug/L	100
38) Bromodichloromethane	6.506	83	200286	46.591	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	216887	49.535	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	419469	92.031	ug/L	100
42) Toluene	7.384	91	580175	49.081	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	221801	51.272	ug/L	100

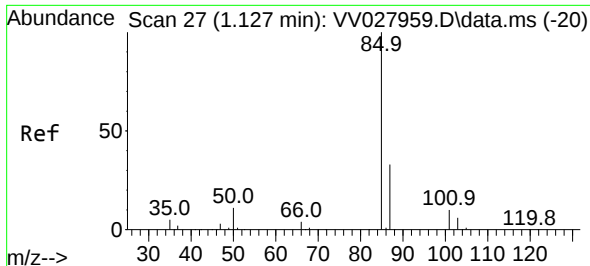
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092022\
 Data File : VV027959.D
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 Sample : VSTD05060
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD050260

Quant Time: Sep 21 01:30:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:28:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	145923	46.360	ug/L	100
46) Tetrachloroethene	7.973	164	108847	48.984	ug/L	100
48) 2-Hexanone	8.137	43	356240	97.269	ug/L	100
49) Dibromochloromethane	8.243	129	157200	47.037	ug/L	100
50) 1,2-Dibromoethane	8.349	107	148216	46.036	ug/L	100
51) Chlorobenzene	8.879	112	376009	46.990	ug/L	100
52) Ethylbenzene	9.008	91	625929	50.496	ug/L	100
53) m,p-Xylene	9.137	106	245425	52.321	ug/L	100
54) o-Xylene	9.542	106	237485	51.932	ug/L	100
55) Styrene	9.558	104	433381	54.187	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	248590	46.893	ug/L	100
59) Bromoform	9.728	173	117480	47.177	ug/L	100
60) Isopropylbenzene	9.928	105	628383	48.095	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	197267	42.038	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	528959	48.843	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	541082	50.771	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	306321	47.997	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	314965	47.062	ug/L	100
67) 1,2-Dichlorobenzene	11.638	146	305836	46.227	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	58734	44.178	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	236448	53.440	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	209723	55.962	ug/L	100
71) Naphthalene	13.500	128	715473	56.520	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	222098	54.902	ug/L	100

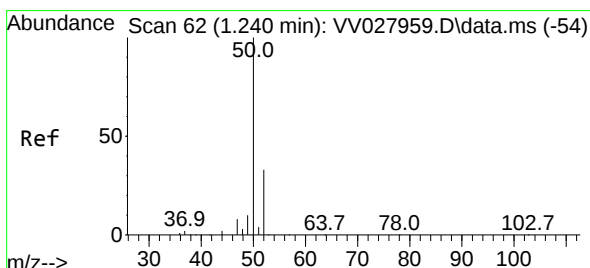
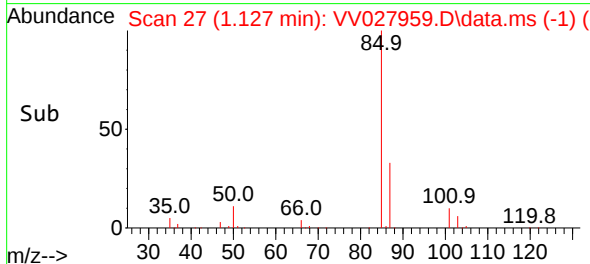
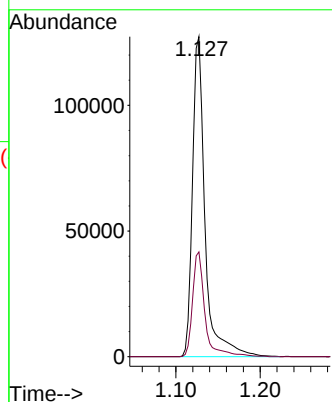
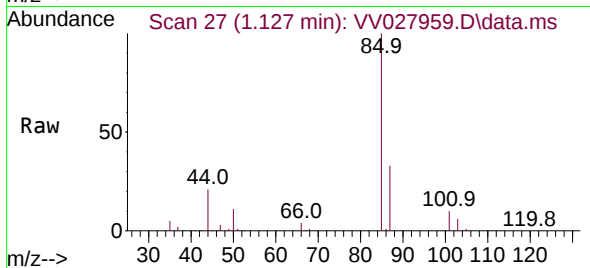
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 40.786 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027959.D
 Acq: 20 Sep 2022 13:18

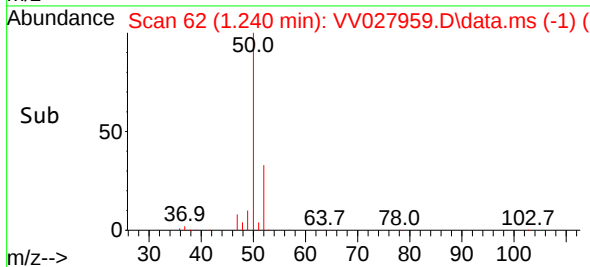
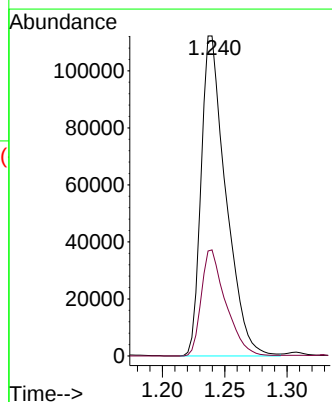
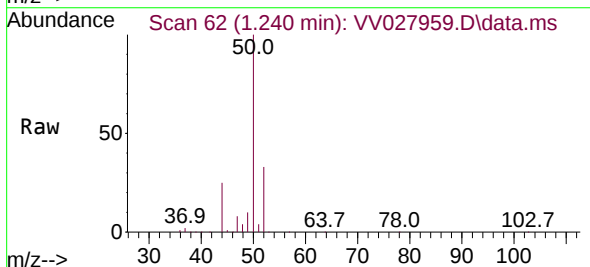
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 ClientSampleId :
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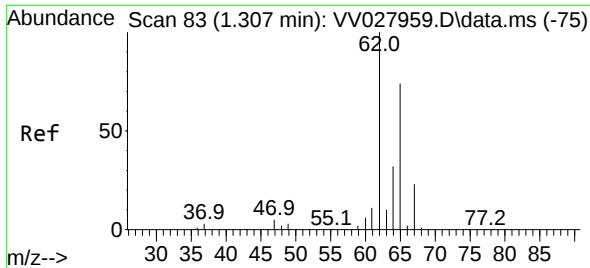
Tgt Ion: 85 Resp: 131593
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 41.998 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027959.D
 Acq: 20 Sep 2022 13:18

Tgt Ion: 50 Resp: 154942
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.2 43.0

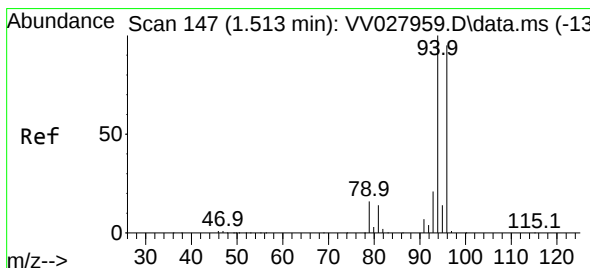
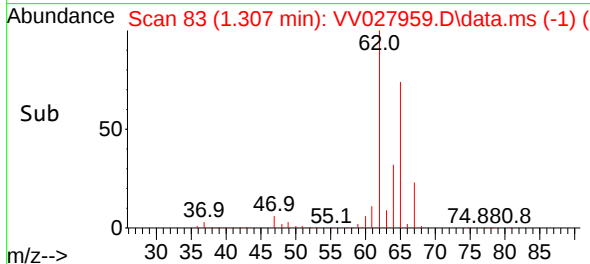
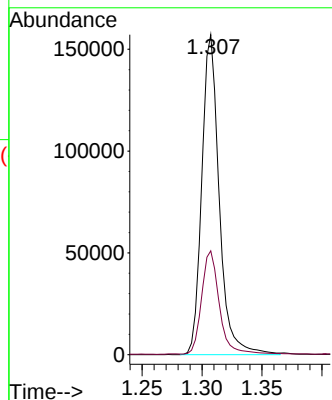
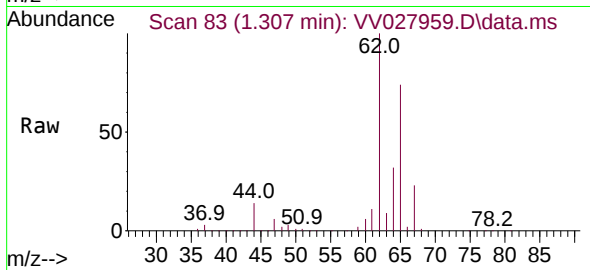




#5
 Vinyl chloride
 Concen: 43.052 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV027959.D
 Acq: 20 Sep 2022 13:18

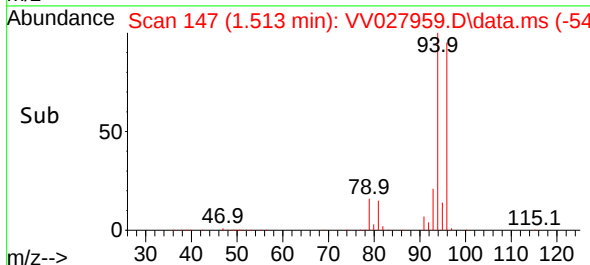
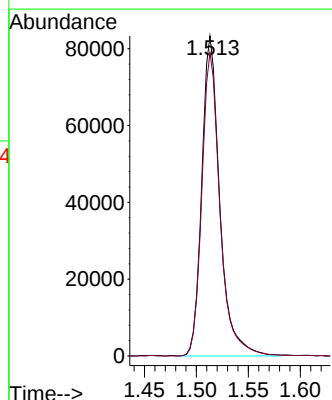
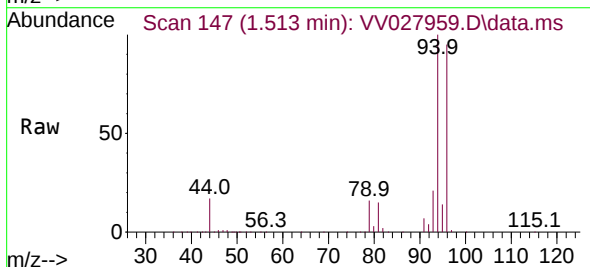
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 ClientSampleId :
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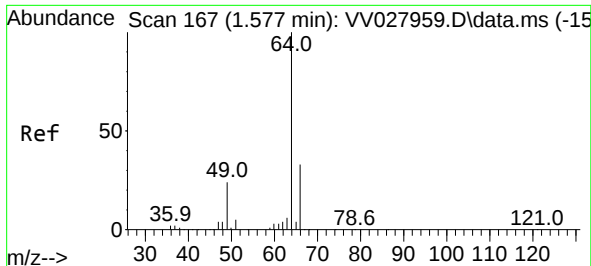
Tgt Ion: 62 Resp: 159599
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 54.217 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV027959.D
 Acq: 20 Sep 2022 13:18

Tgt Ion: 94 Resp: 100577
 Ion Ratio Lower Upper
 94 100
 96 94.8 66.4 123.2

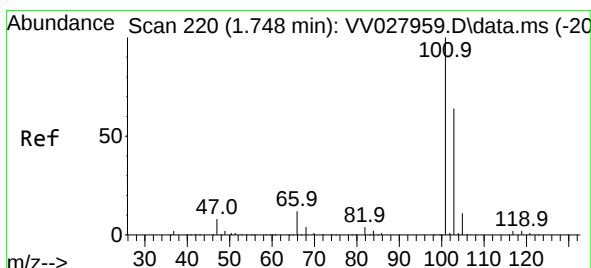
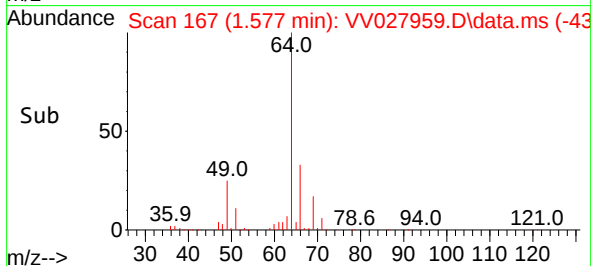
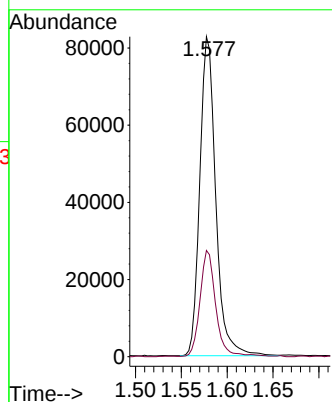
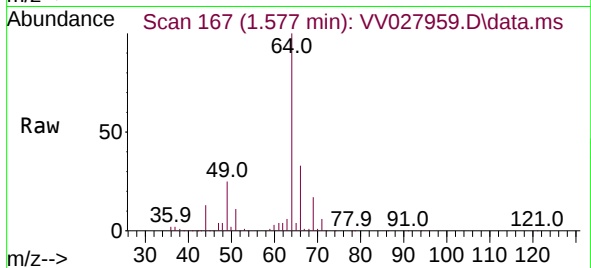




#8
Chloroethane
Concen: 47.960 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

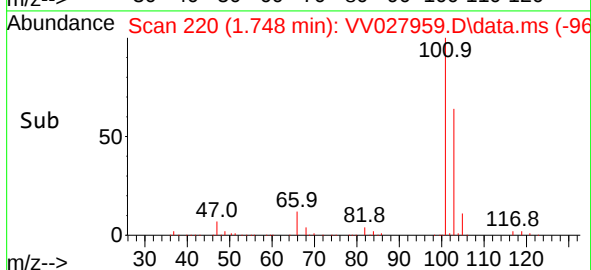
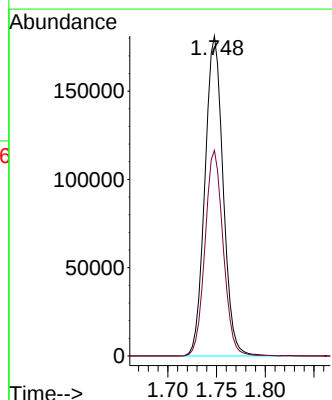
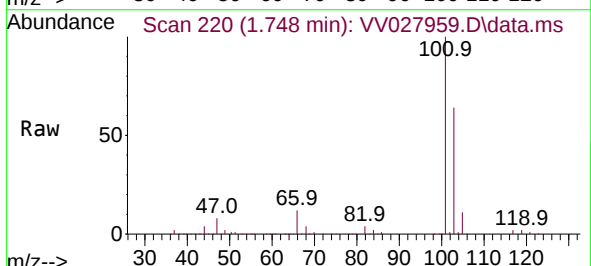
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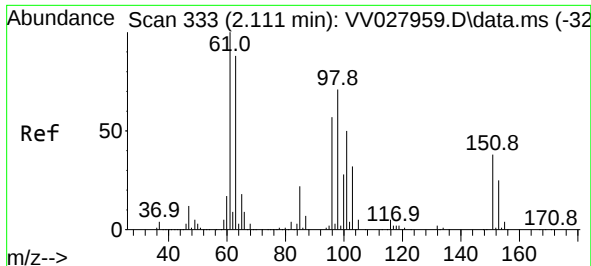
Tgt Ion: 64 Resp: 100036
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 48.024 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

Tgt Ion:101 Resp: 235202
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

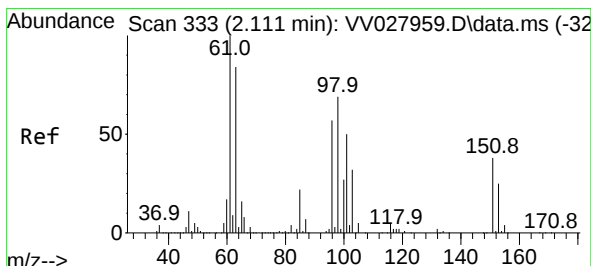
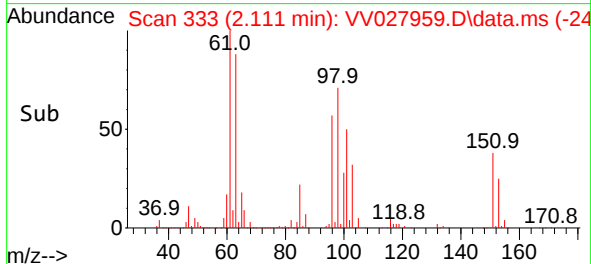
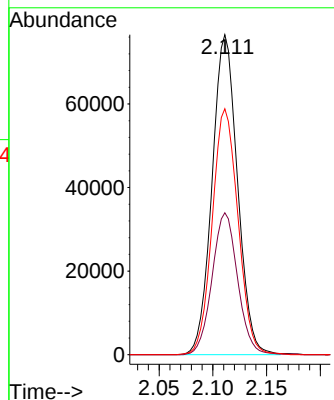
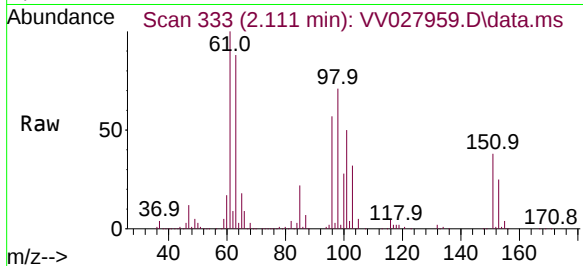




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.643 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027959.D
 Acq: 20 Sep 2022 13:18

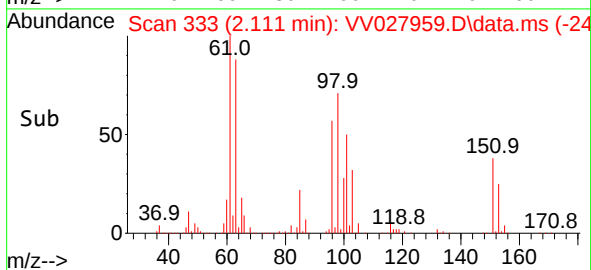
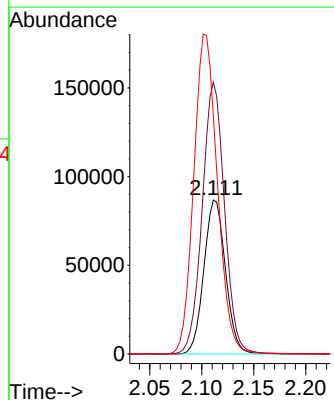
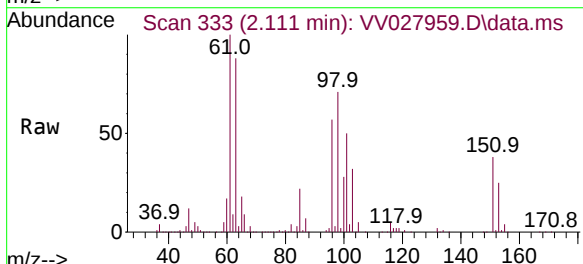
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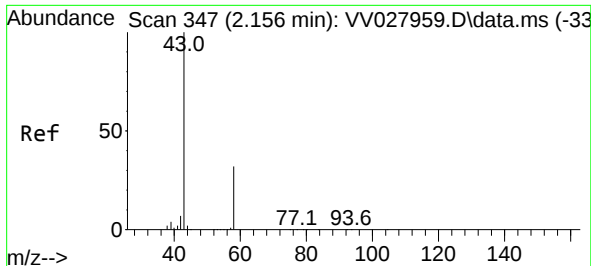
Tgt Ion:101 Resp: 125948
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.6 53.4
 151 77.8 62.2 93.4



#12
 1,1-Dichloroethene
 Concen: 47.961 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027959.D
 Acq: 20 Sep 2022 13:18

Tgt Ion: 96 Resp: 125490
 Ion Ratio Lower Upper
 96 100
 61 176.7 123.7 229.7
 63 155.1 108.6 201.6





#13

Acetone

Concen: 88.534 ug/L

RT: 2.156 min Scan# 347

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

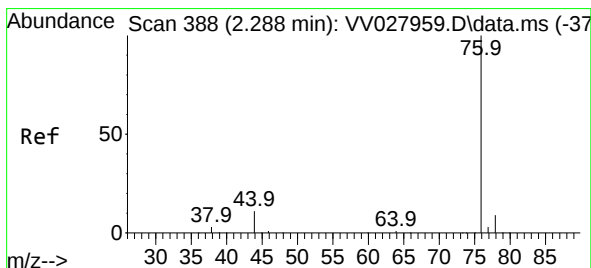
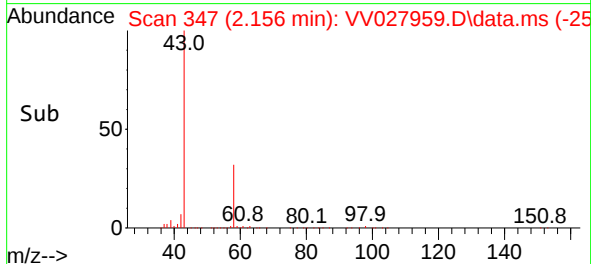
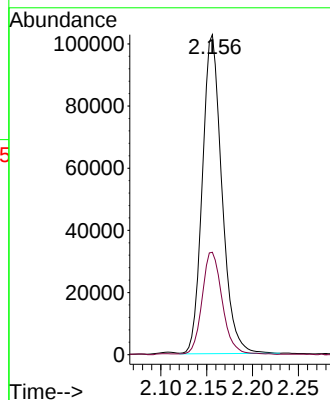
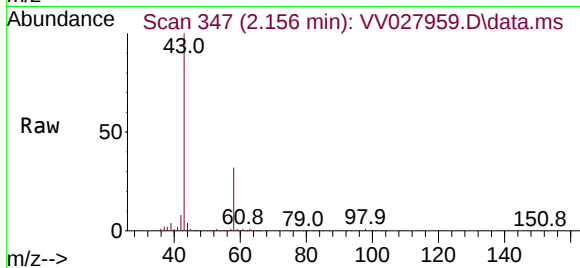
VSTD050260

Tgt Ion: 43 Resp: 152191

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.2



#14

Carbon disulfide

Concen: 40.114 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV027959.D

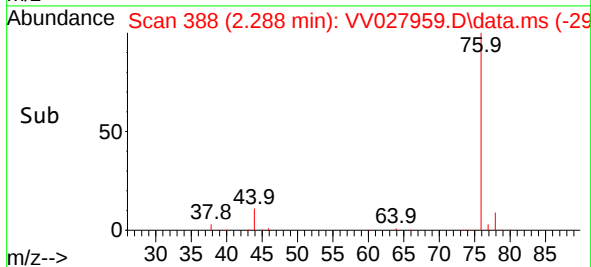
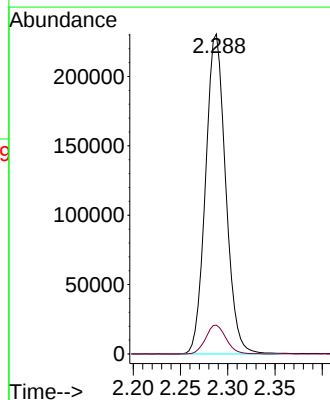
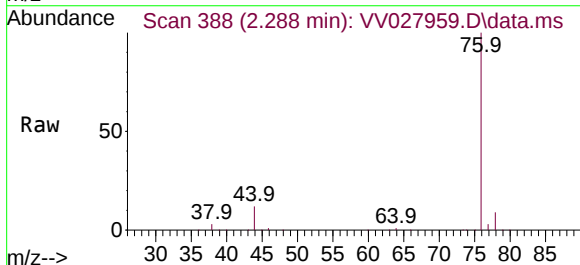
Acq: 20 Sep 2022 13:18

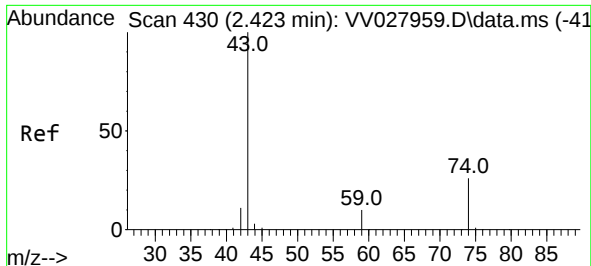
Tgt Ion: 76 Resp: 341323

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

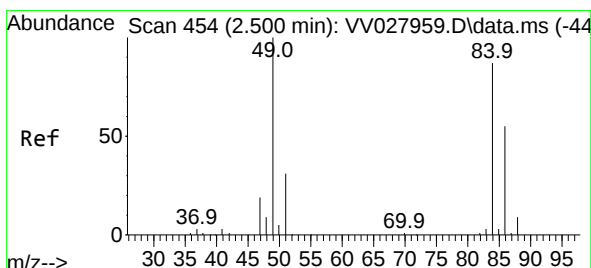
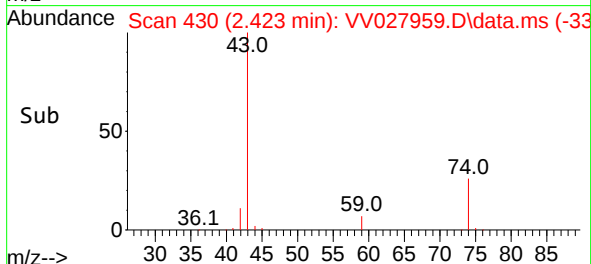
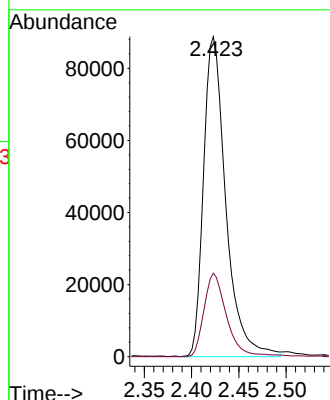
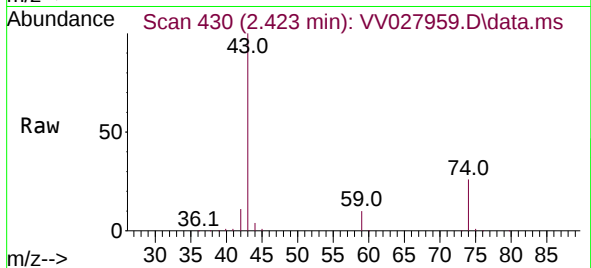




#15
Methyl Acetate
Concen: 38.386 ug/L
RT: 2.423 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

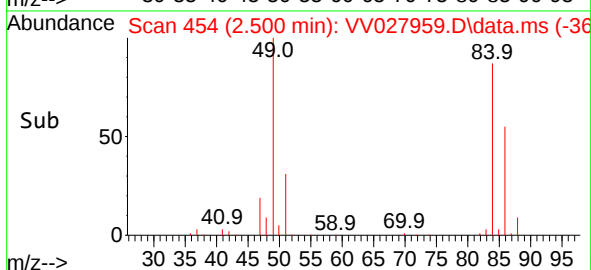
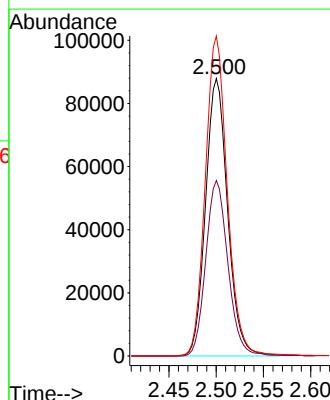
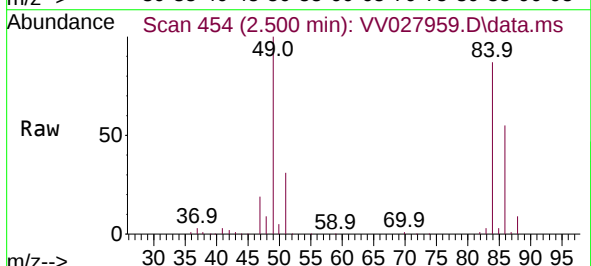
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ClientSampleId :
VSTD050260

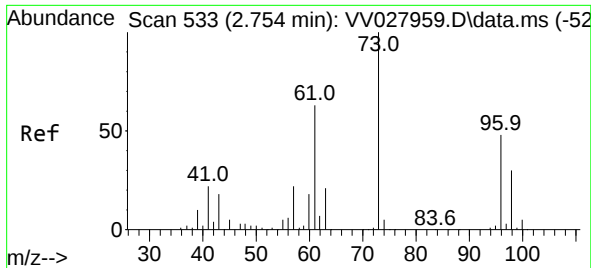
Tgt Ion: 43 Resp: 145878
Ion Ratio Lower Upper
43 100
74 26.1 20.9 31.3



#16
Methylene chloride
Concen: 42.336 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

Tgt Ion: 84 Resp: 142775
Ion Ratio Lower Upper
84 100
86 63.2 44.2 82.2
49 115.4 80.8 150.0

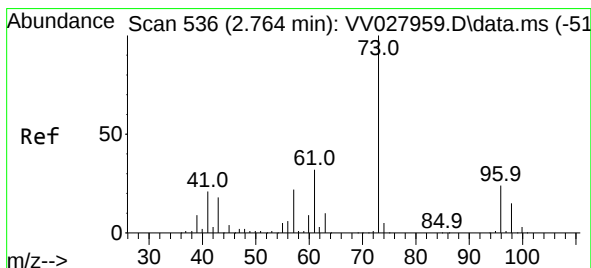
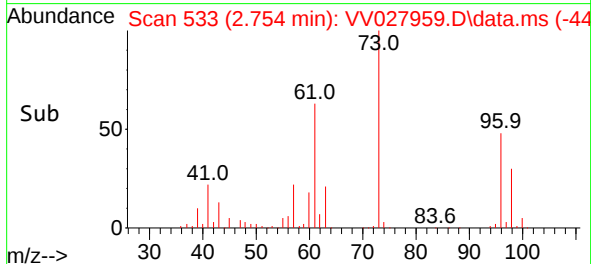
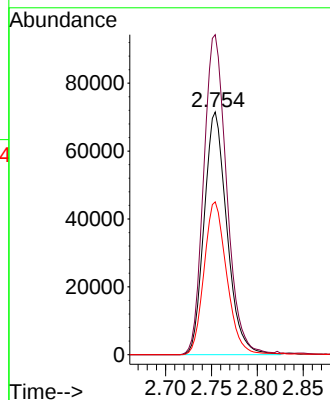
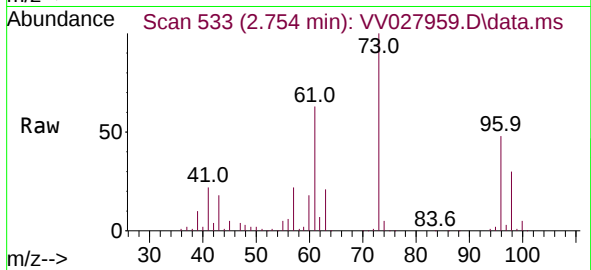




#17
trans-1,2-Dichloroethene
Concen: 43.963 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

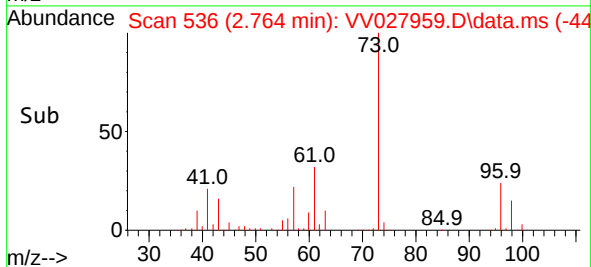
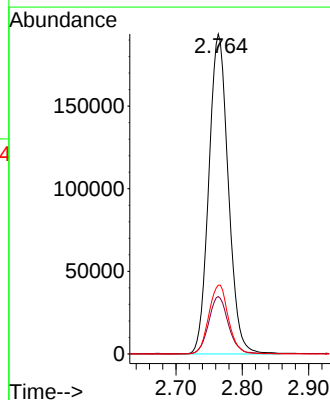
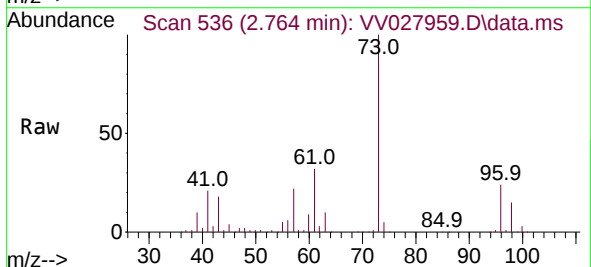
Instrument :
MSVOA_V
ClientSampleId :
VSTD050260

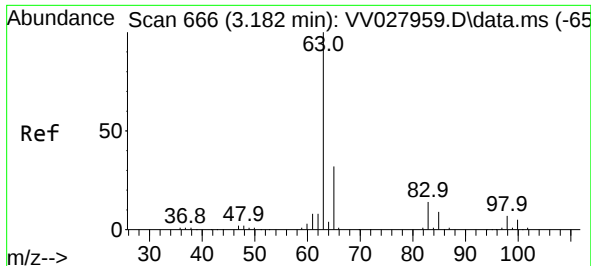
Tgt Ion: 96 Resp: 123603
Ion Ratio Lower Upper
96 100
61 131.9 92.3 171.5
98 63.0 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 46.877 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

Tgt Ion: 73 Resp: 394817
Ion Ratio Lower Upper
73 100
43 18.1 14.5 21.7
57 21.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 41.918 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD050260

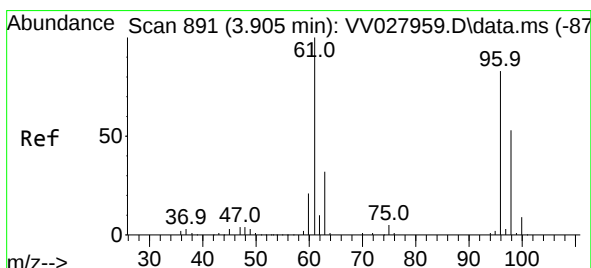
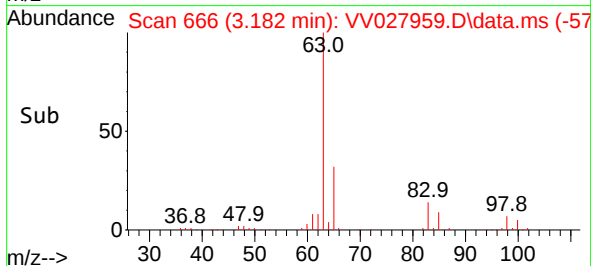
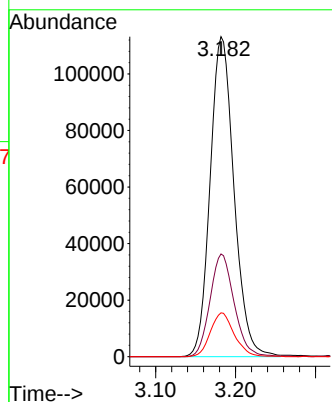
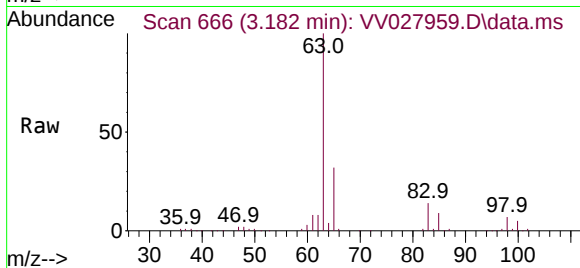
Tgt Ion: 63 Resp: 234533

Ion Ratio Lower Upper

63 100

65 32.1 22.5 41.7

83 13.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 46.834 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

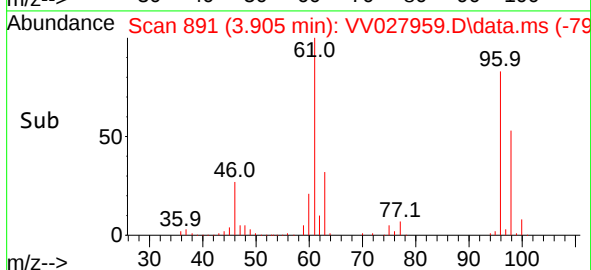
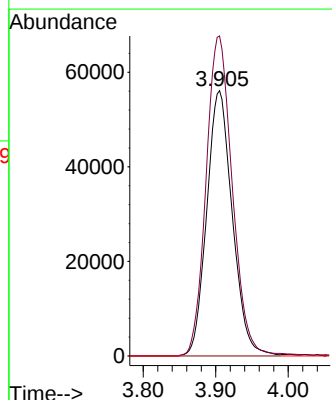
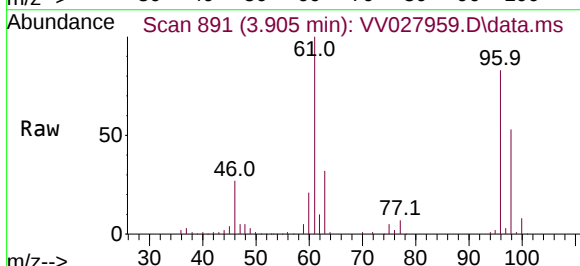
Tgt Ion: 96 Resp: 137767

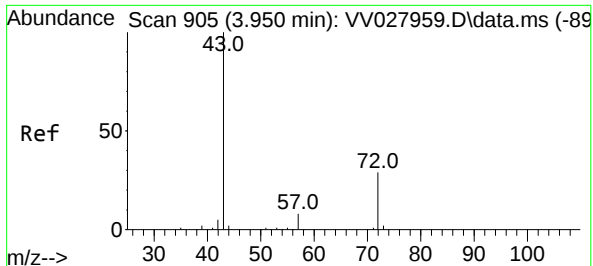
Ion Ratio Lower Upper

96 100

61 120.6 84.4 156.8

68 0.0 0.0 0.0

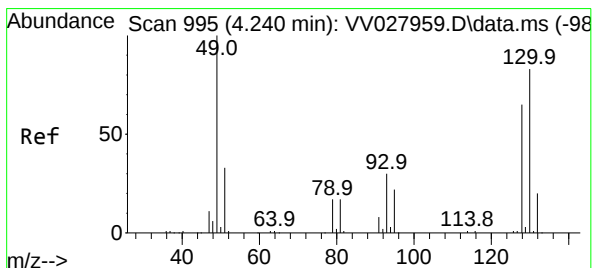
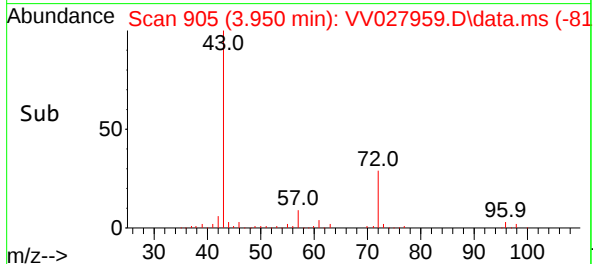
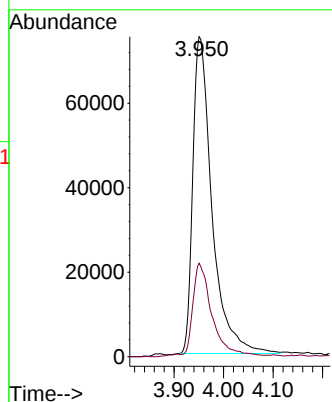
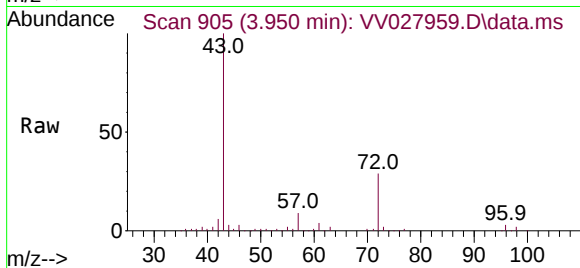




#22
2-Butanone
Concen: 88.541 ug/L
RT: 3.950 min Scan# 905
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

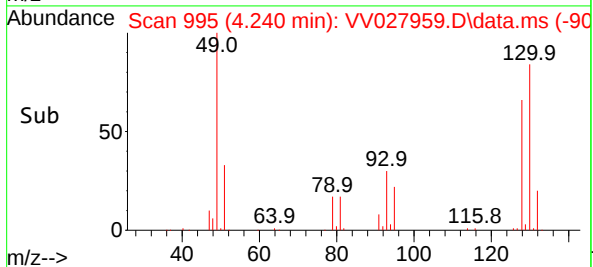
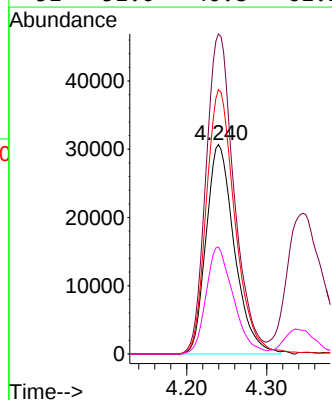
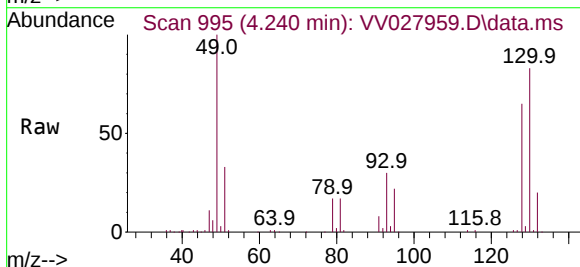
Instrument :
MSVOA_V
ClientSampleId :
VSTD050260

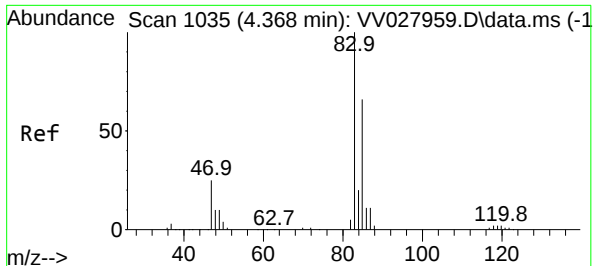
Tgt Ion: 43 Resp: 202424
Ion Ratio Lower Upper
43 100
72 26.9 13.5 40.4



#23
Bromochloromethane
Concen: 45.775 ug/L
RT: 4.240 min Scan# 995
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

Tgt Ion: 128 Resp: 75270
Ion Ratio Lower Upper
128 100
49 152.8 107.0 198.6
130 126.2 88.3 164.1
51 51.0 40.8 61.2





#25

Chloroform

Concen: 44.405 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

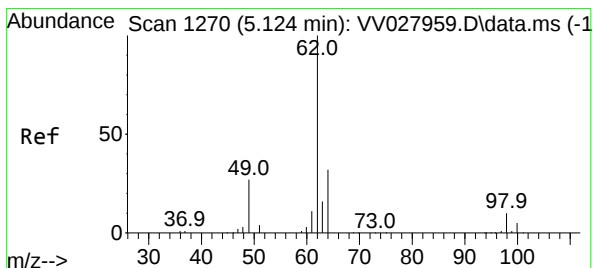
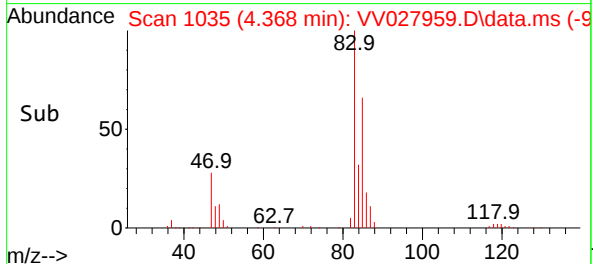
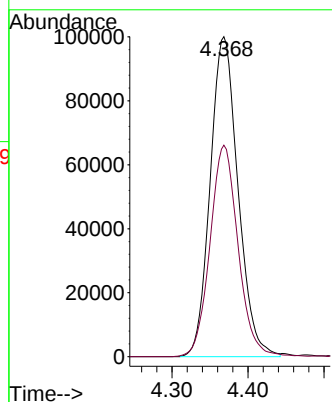
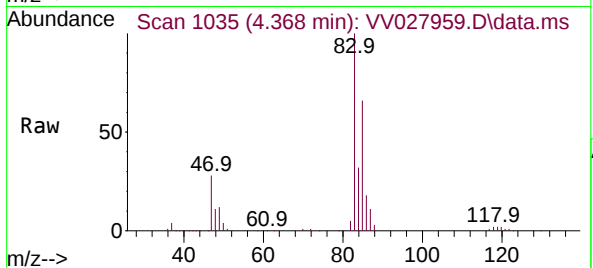
VSTD050260

Tgt Ion: 83 Resp: 254337

Ion Ratio Lower Upper

83 100

85 66.1 46.3 85.9



#27

1,2-Dichloroethane

Concen: 46.403 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV027959.D

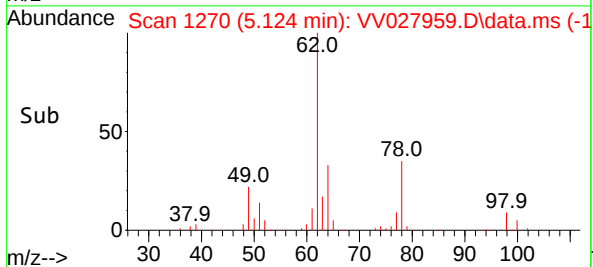
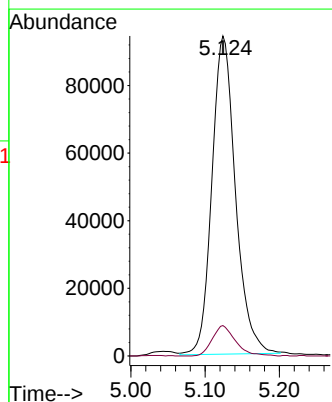
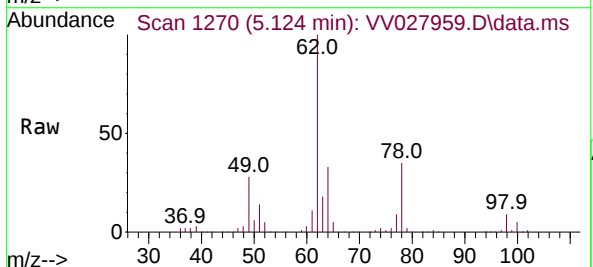
Acq: 20 Sep 2022 13:18

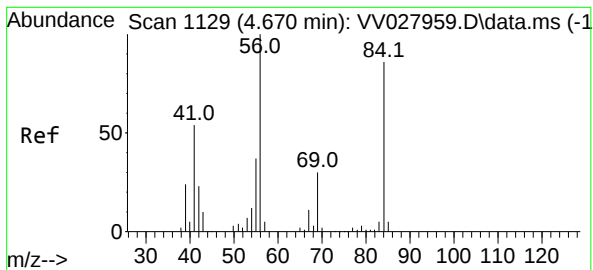
Tgt Ion: 62 Resp: 207939

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 49.043 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD050260

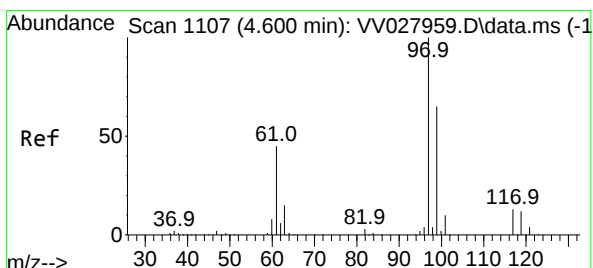
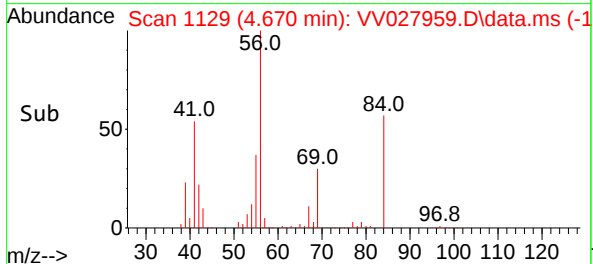
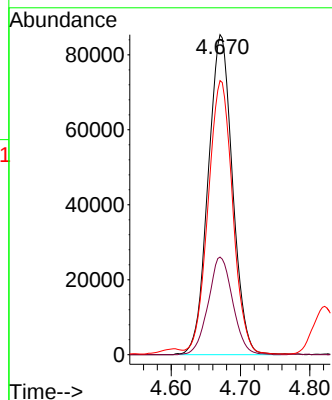
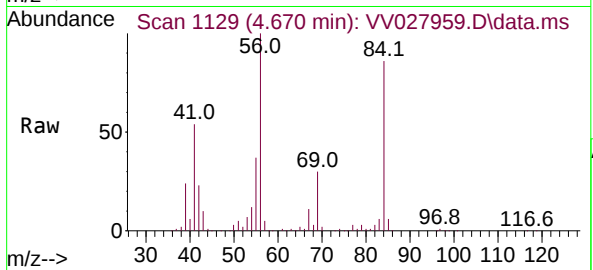
Tgt Ion: 56 Resp: 208587

Ion Ratio Lower Upper

56 100

69 30.7 24.6 36.8

84 86.3 69.0 103.6



#30

1,1,1-Trichloroethane

Concen: 46.895 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

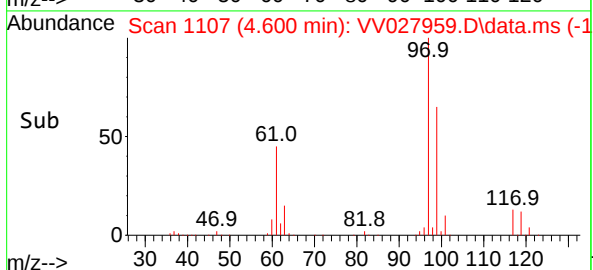
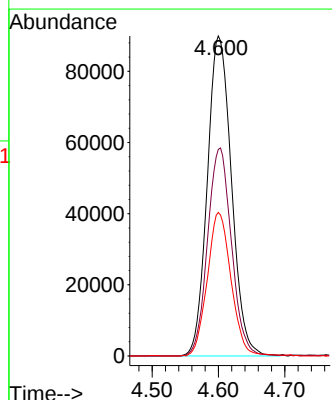
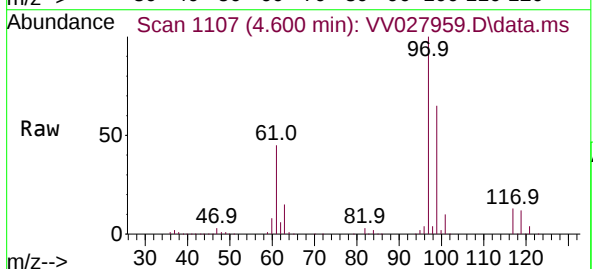
Tgt Ion: 97 Resp: 228070

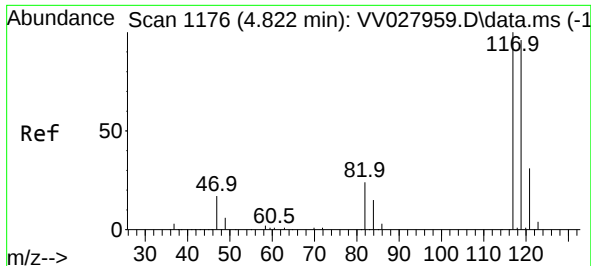
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 44.0 35.2 52.8

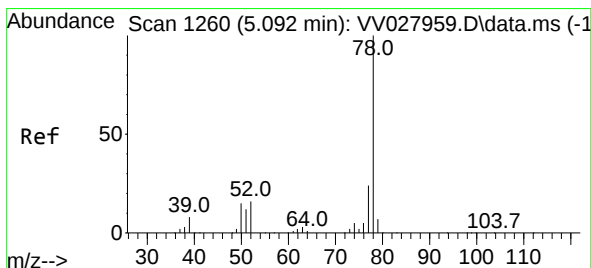
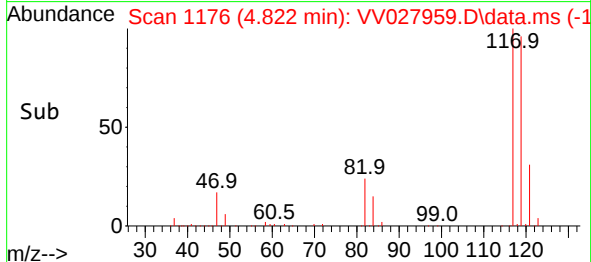
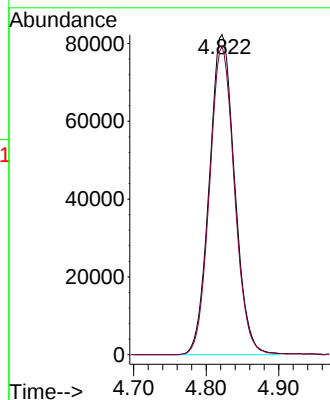
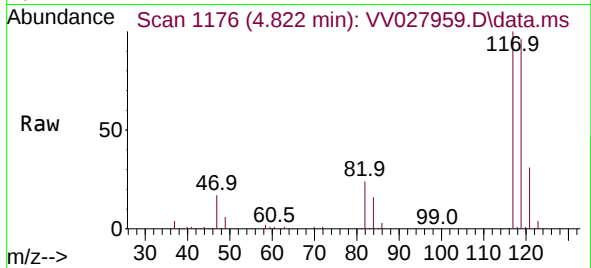




#31
Carbon tetrachloride
Concen: 47.059 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

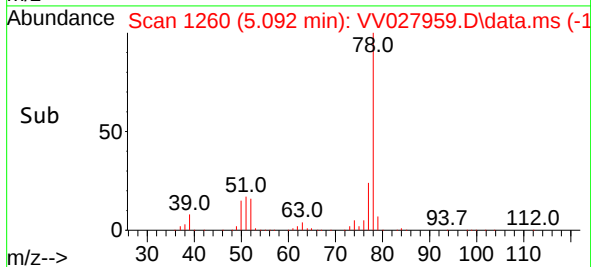
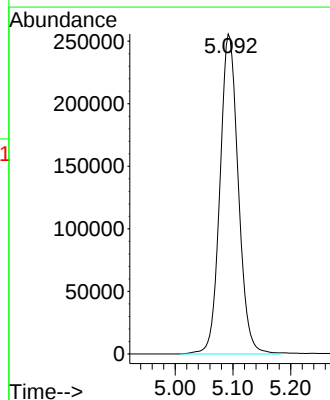
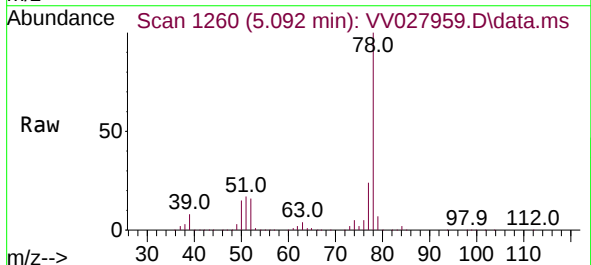
Instrument :
MSVOA_V
ClientSampleId :
VSTD050260

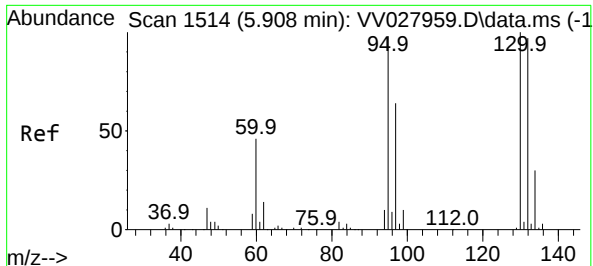
Tgt Ion:117 Resp: 199542
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4



#33
Benzene
Concen: 48.130 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

Tgt Ion: 78 Resp: 563922

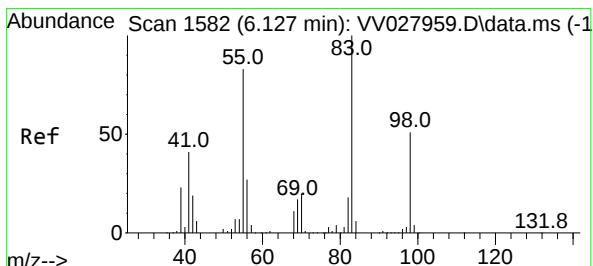
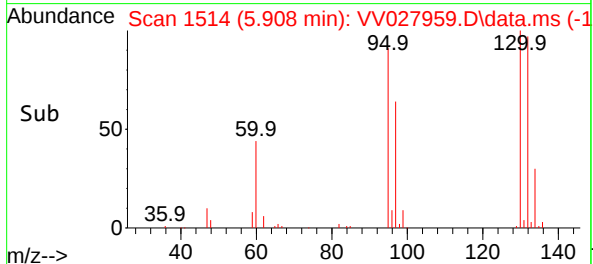
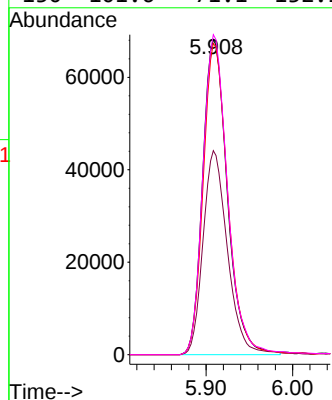
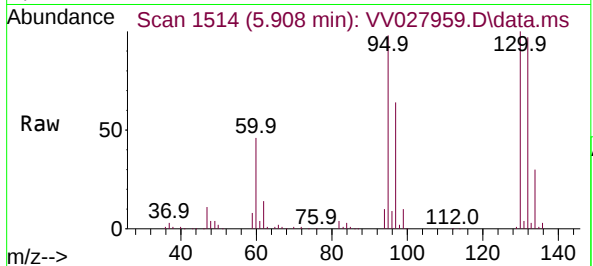




#34
Trichloroethene
Concen: 45.283 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

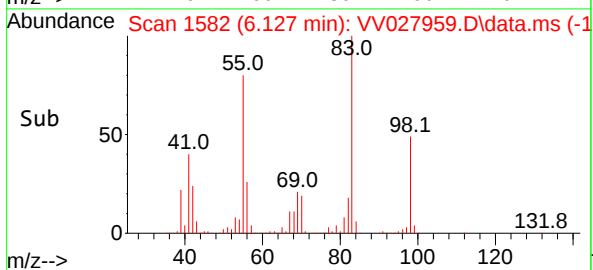
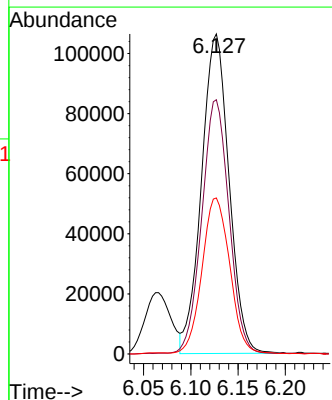
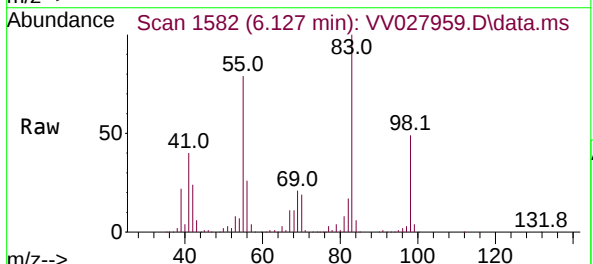
Instrument :
MSVOA_V
ClientSampleId :
VSTD050260

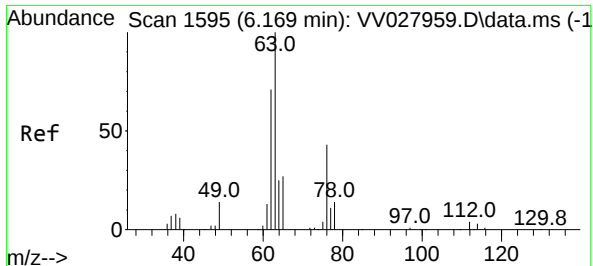
Tgt Ion: 95 Resp: 134777
Ion Ratio Lower Upper
95 100
97 64.8 45.4 84.2
132 98.9 69.2 128.6
130 101.6 71.1 132.1



#35
Methylcyclohexane
Concen: 48.782 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

Tgt Ion: 83 Resp: 215812
Ion Ratio Lower Upper
83 100
55 78.7 63.0 94.4
98 49.4 39.5 59.3





#37

1,2-Dichloropropane

Concen: 46.163 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

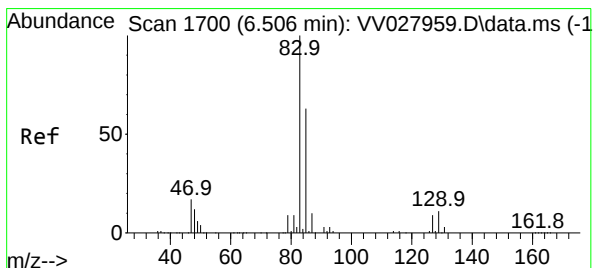
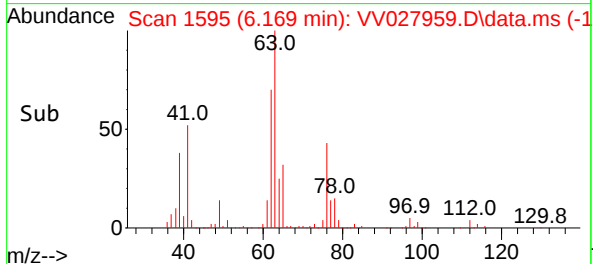
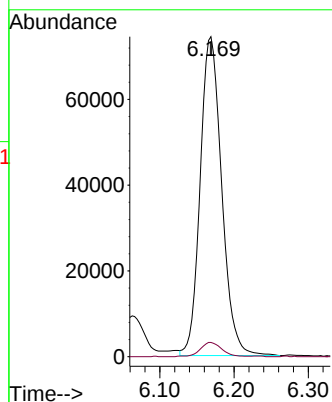
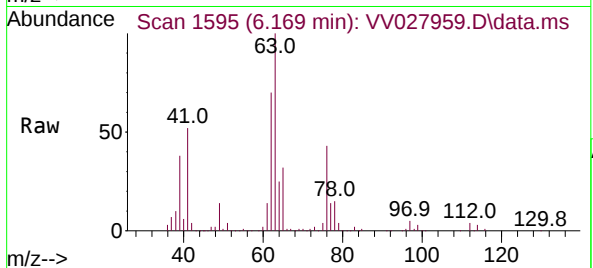
VSTD050260

Tgt Ion: 63 Resp: 149995

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 46.591 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

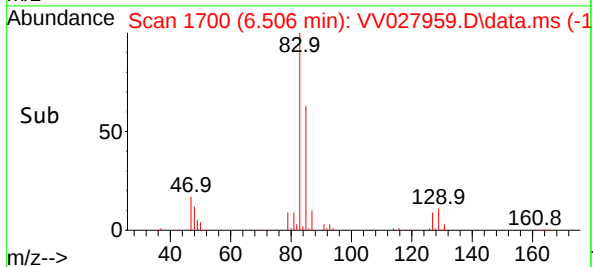
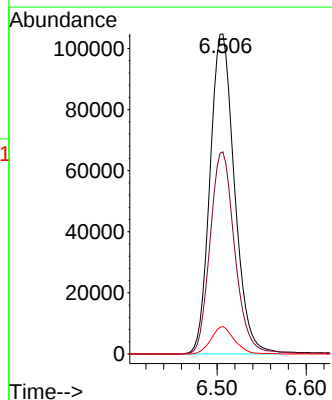
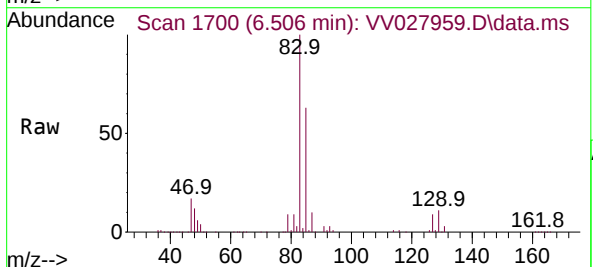
Tgt Ion: 83 Resp: 200286

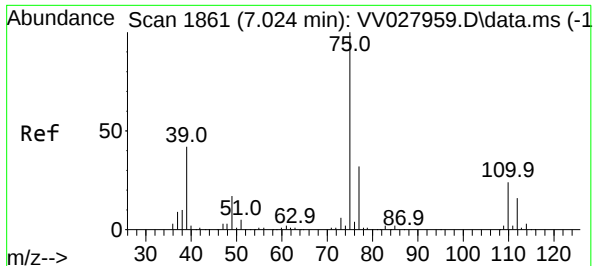
Ion Ratio Lower Upper

83 100

85 63.1 44.2 82.0

127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 49.535 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

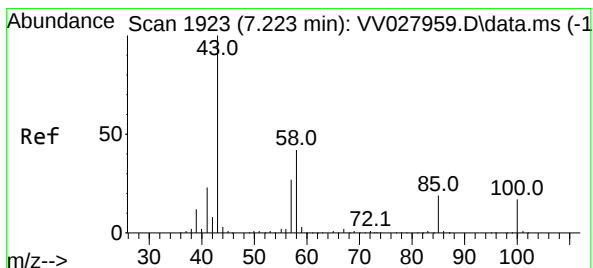
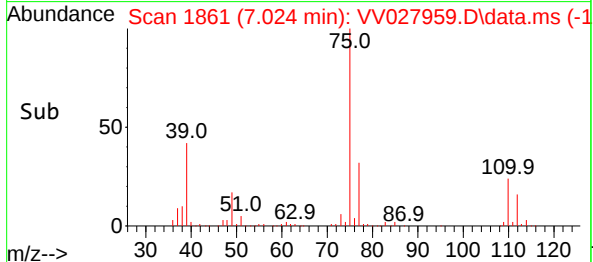
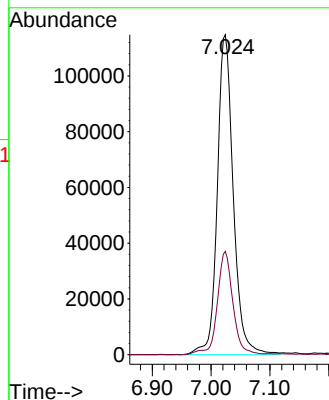
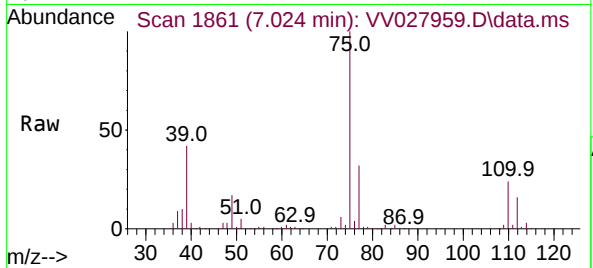
VSTD050260

Tgt Ion: 75 Resp: 216887

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 92.031 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

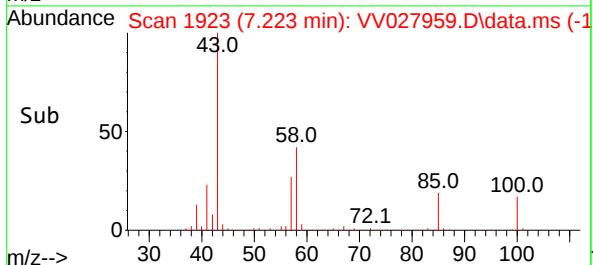
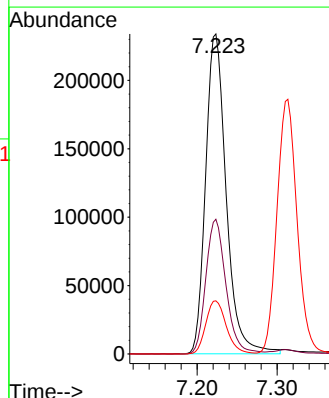
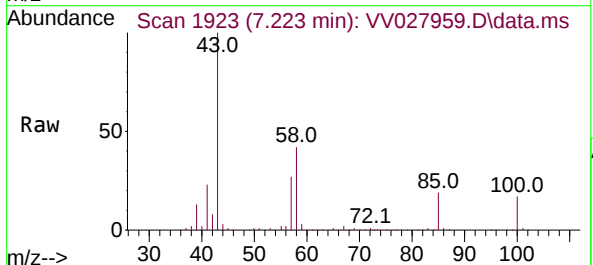
Tgt Ion: 43 Resp: 419469

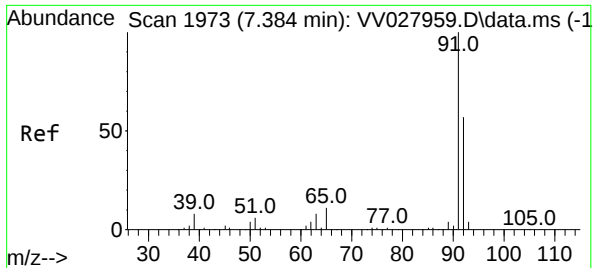
Ion Ratio Lower Upper

43 100

58 41.2 33.0 49.4

100 16.6 13.3 19.9





#42

Toluene

Concen: 49.081 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

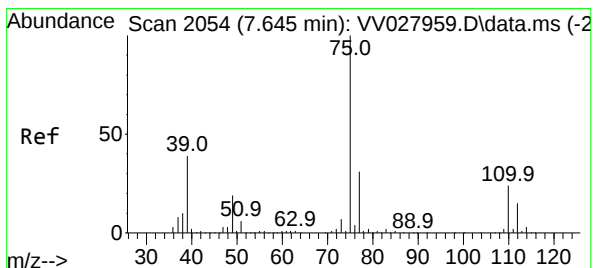
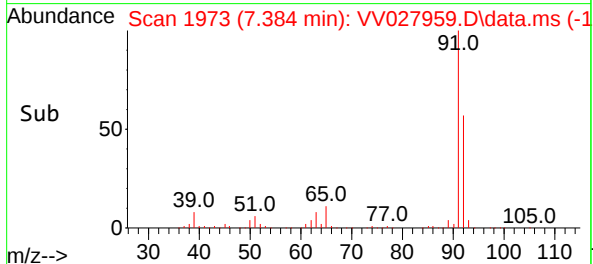
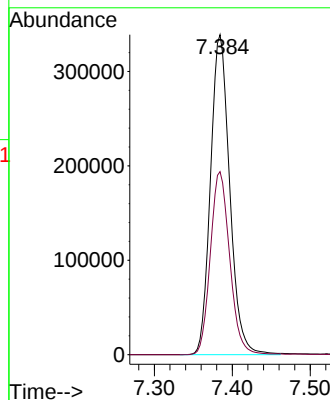
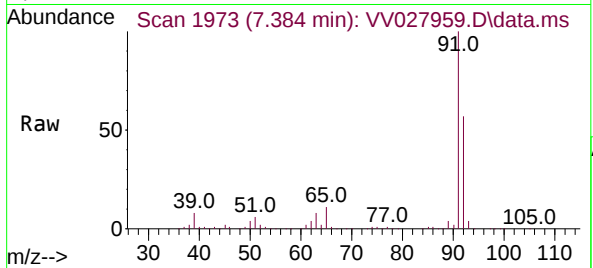
VSTD050260

Tgt Ion: 91 Resp: 580175

Ion Ratio Lower Upper

91 100

92 57.2 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 51.272 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VV027959.D

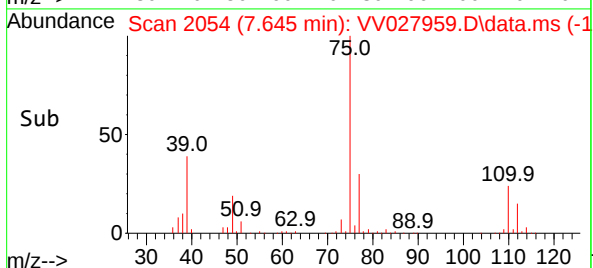
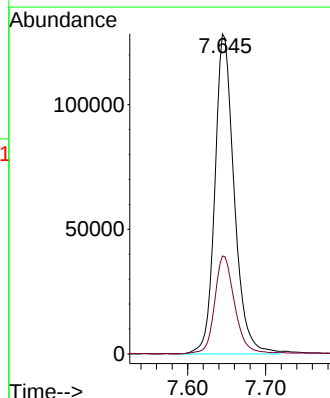
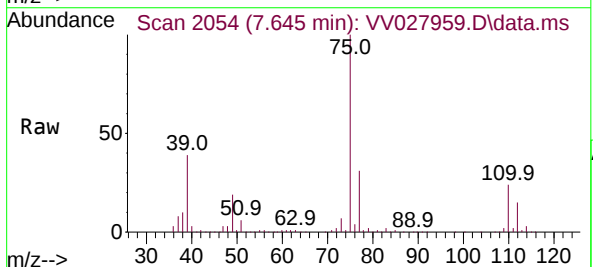
Acq: 20 Sep 2022 13:18

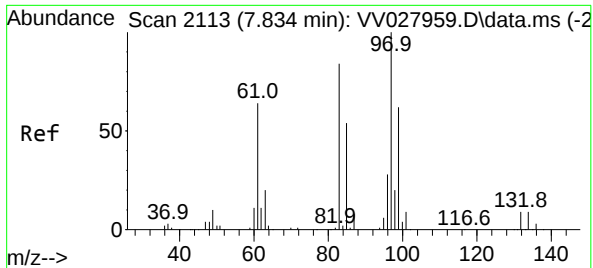
Tgt Ion: 75 Resp: 221801

Ion Ratio Lower Upper

75 100

77 30.6 21.4 39.8



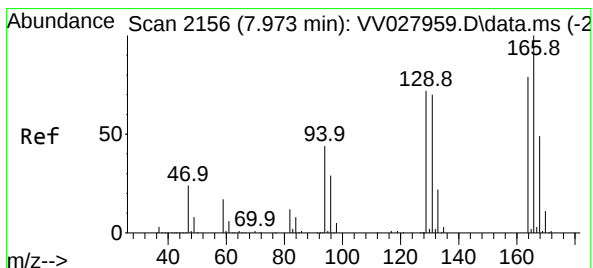
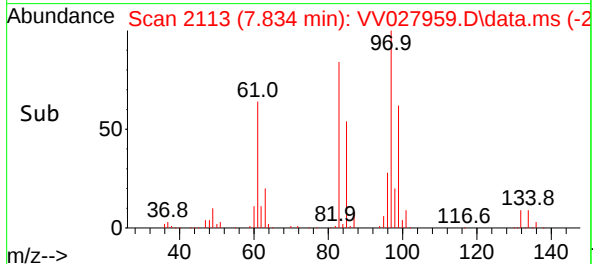
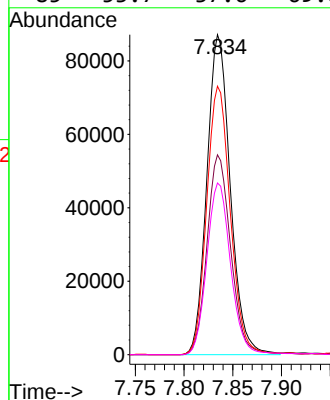
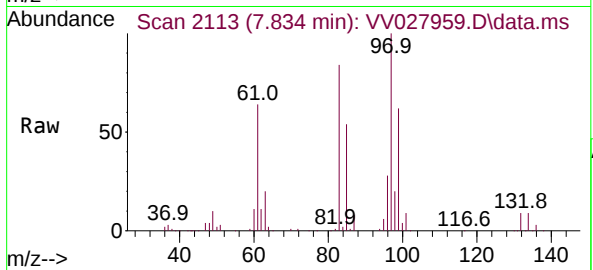


#45
1,1,2-Trichloroethane
Concen: 46.360 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD050260

Tgt Ion: 97 Resp: 145923

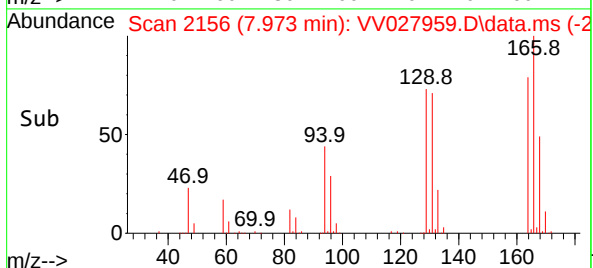
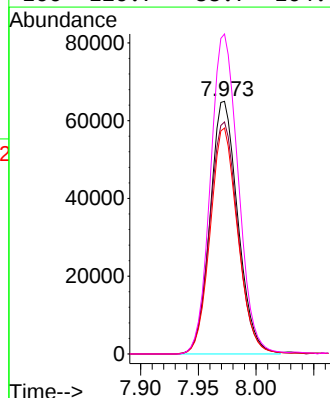
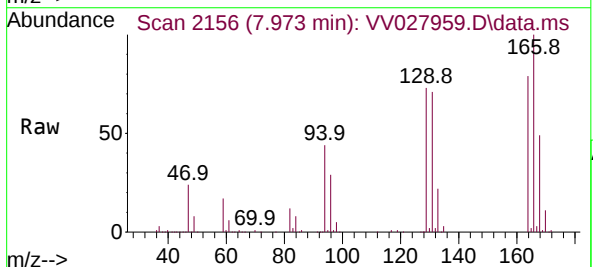
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.3
83	83.9	58.7	109.1
85	53.7	37.6	69.8

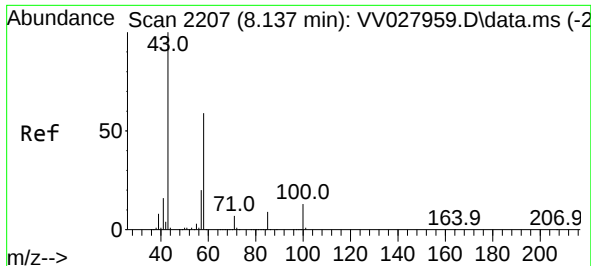


#46
Tetrachloroethene
Concen: 48.984 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

Tgt Ion: 164 Resp: 108847

Ion	Ratio	Lower	Upper
164	100		
129	91.8	64.3	119.3
131	89.4	62.6	116.2
166	126.7	88.7	164.7



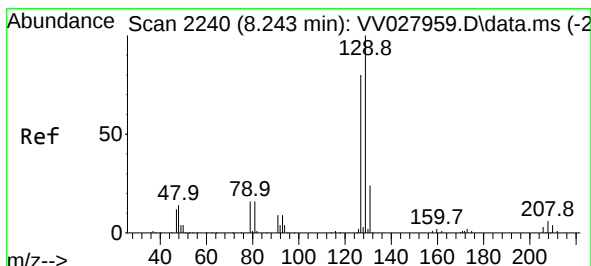
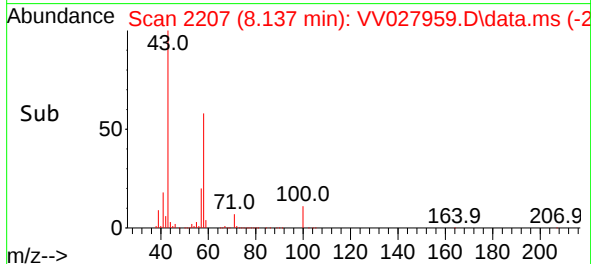
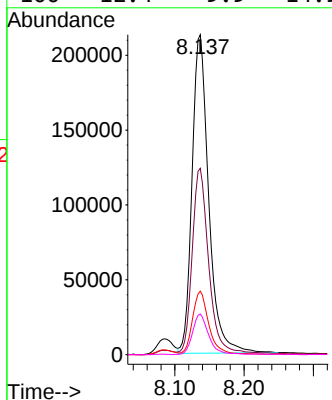
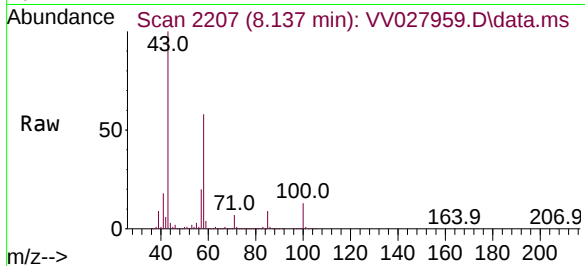


#48
2-Hexanone
Concen: 97.269 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD050260

Tgt Ion: 43 Resp: 356240

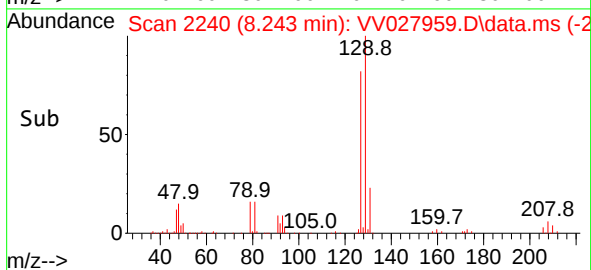
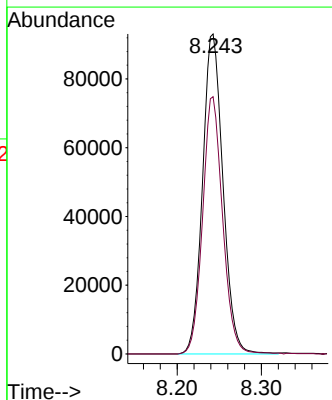
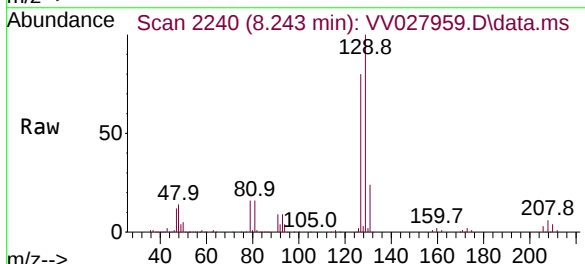
Ion	Ratio	Lower	Upper
43	100		
58	57.0	45.6	68.4
57	18.8	15.0	22.6
100	12.4	9.9	14.9

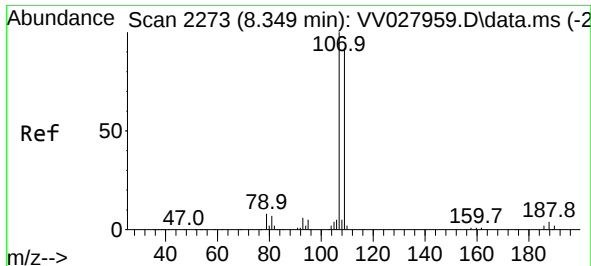


#49
Dibromochloromethane
Concen: 47.037 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

Tgt Ion: 129 Resp: 157200

Ion	Ratio	Lower	Upper
129	100		
127	80.4	56.3	104.5





#50

1,2-Dibromoethane

Concen: 46.036 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD050260

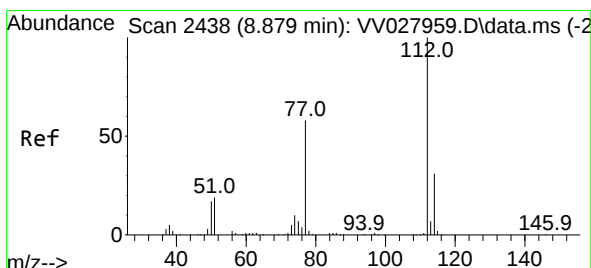
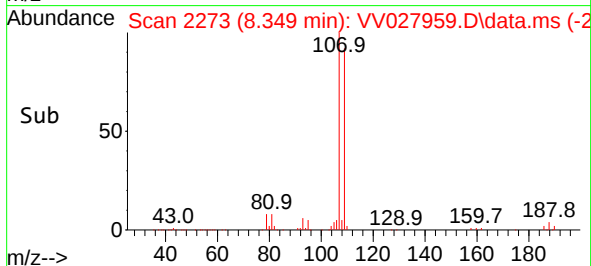
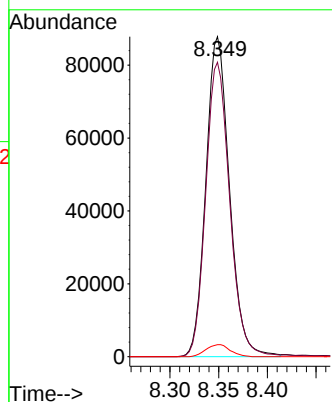
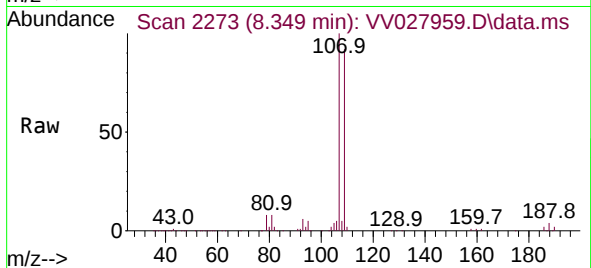
Tgt Ion:107 Resp: 148216

Ion Ratio Lower Upper

107 100

109 92.0 64.4 119.6

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 46.990 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

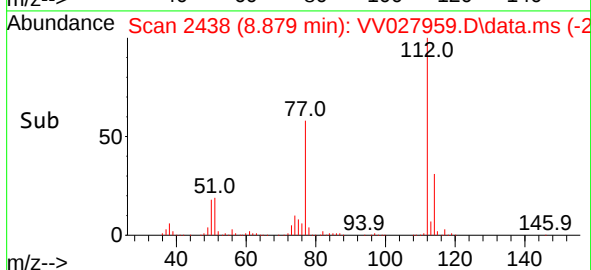
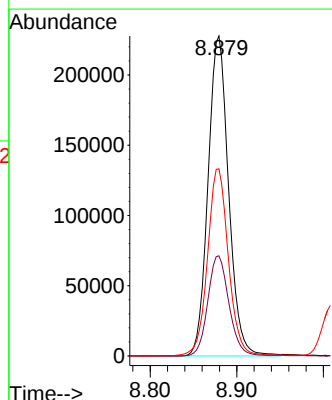
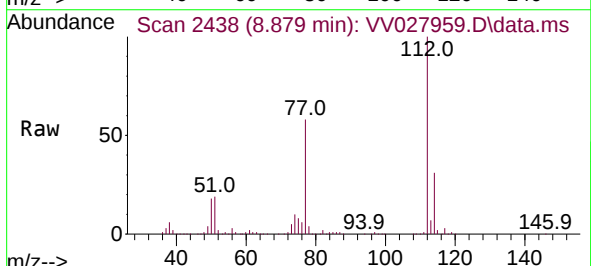
Tgt Ion:112 Resp: 376009

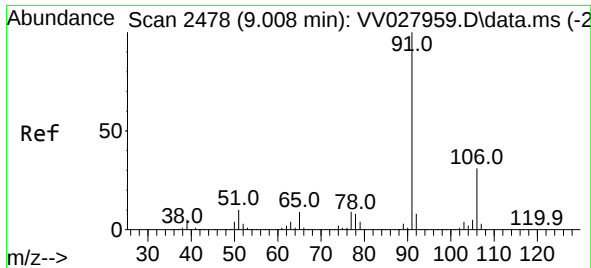
Ion Ratio Lower Upper

112 100

114 31.3 21.9 40.7

77 58.5 46.8 70.2

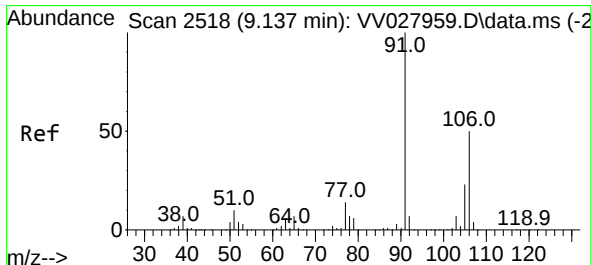
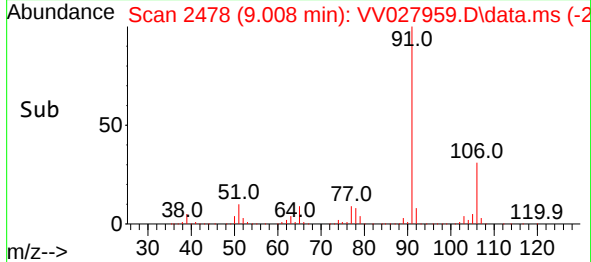
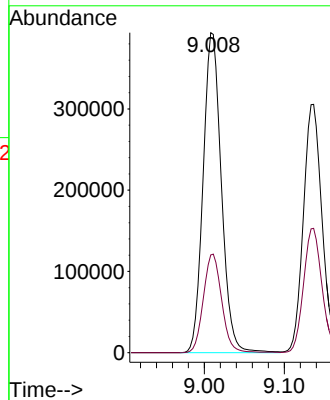
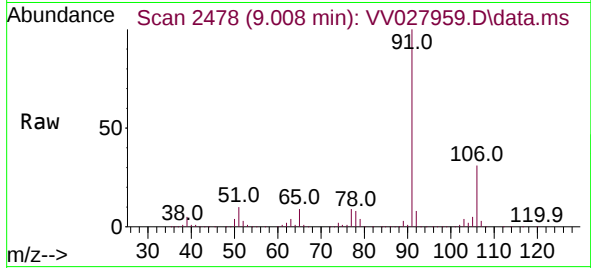




#52
Ethylbenzene
Concen: 50.496 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

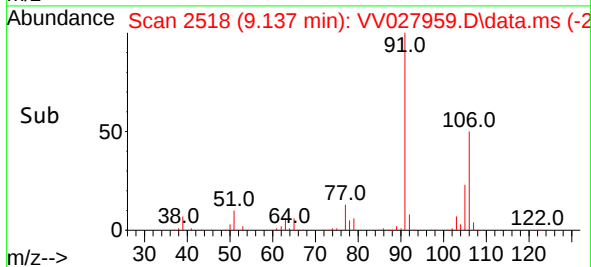
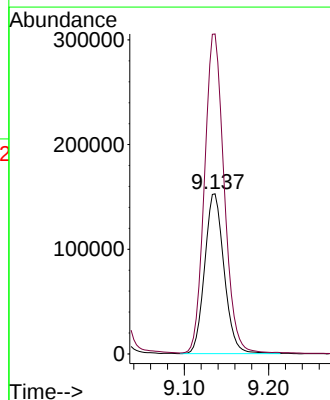
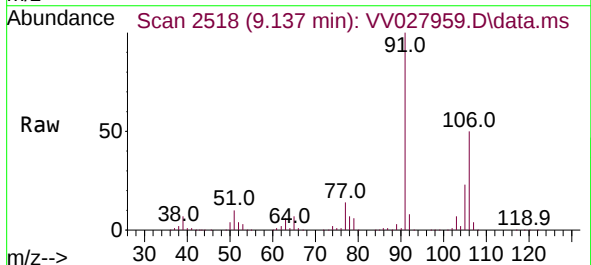
Instrument :
MSVOA_V
ClientSampleId :
VSTD050260

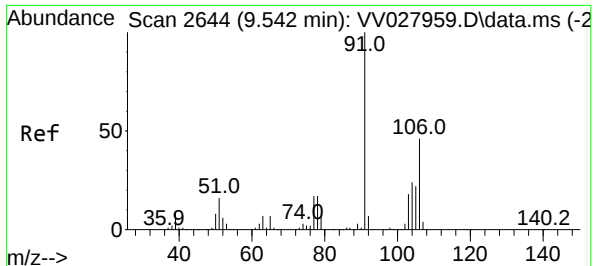
Tgt Ion: 91 Resp: 625929
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 52.321 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

Tgt Ion: 106 Resp: 245425
Ion Ratio Lower Upper
106 100
91 199.7 139.8 259.6

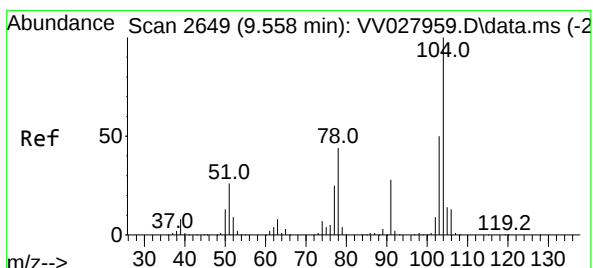
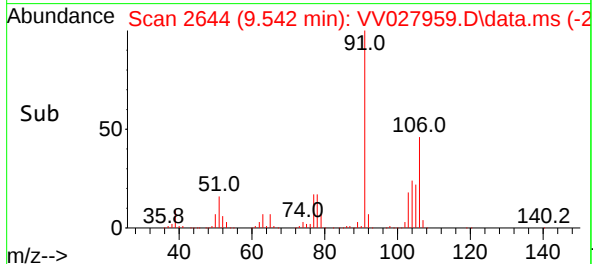
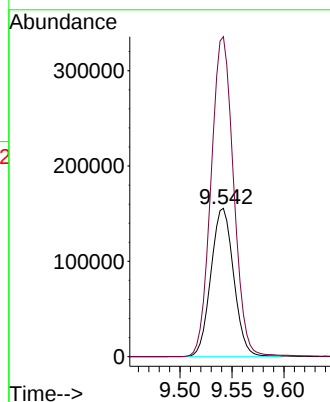
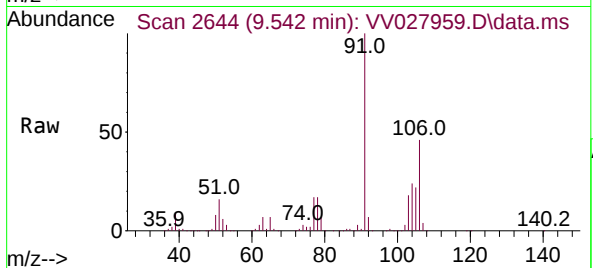




#54
o-Xylene
Concen: 51.932 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

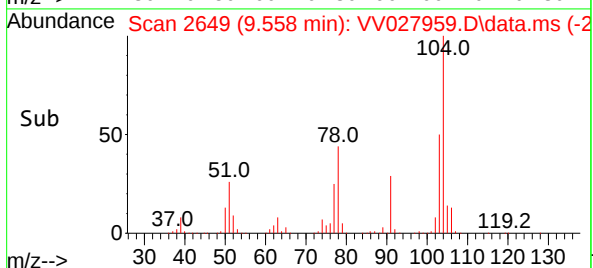
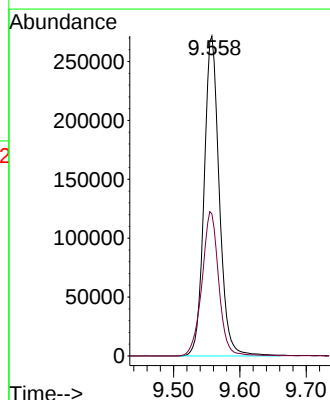
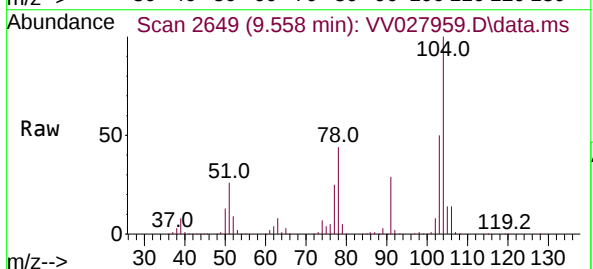
Instrument :
MSVOA_V
ClientSampleId :
VSTD050260

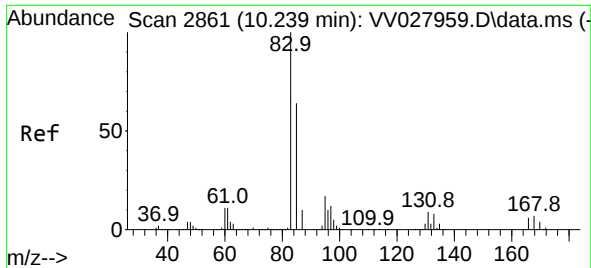
Tgt Ion:106 Resp: 237485
Ion Ratio Lower Upper
106 100
91 215.8 151.1 280.5



#55
Styrene
Concen: 54.187 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

Tgt Ion:104 Resp: 433381
Ion Ratio Lower Upper
104 100
78 44.4 31.1 57.7



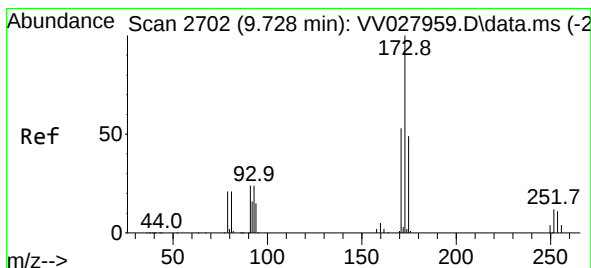
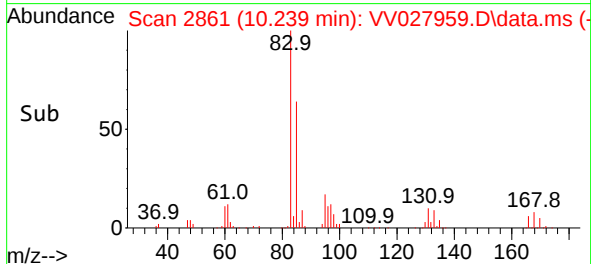
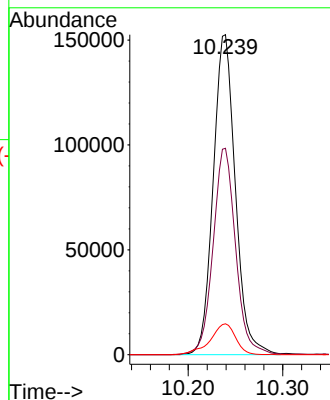
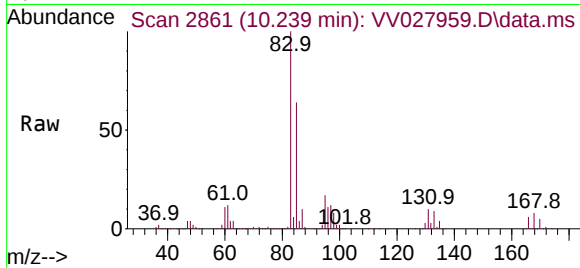


#57
 1,1,2,2-Tetrachloroethane
 Concen: 46.893 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV027959.D
 Acq: 20 Sep 2022 13:18

Instrument : MSVOA_V
 ClientSampleId : VSTD050260

Tgt Ion: 83 Resp: 248590

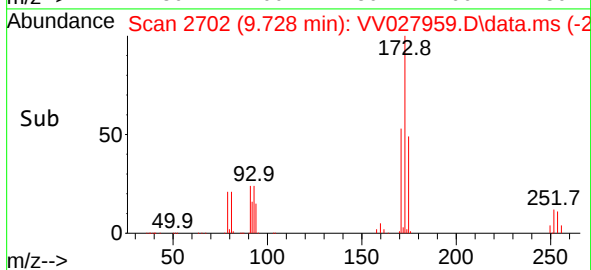
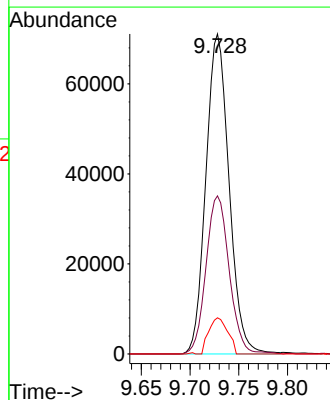
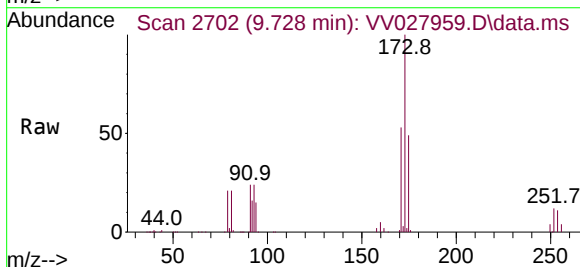
Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.1	83.9
131	9.6	7.7	11.5

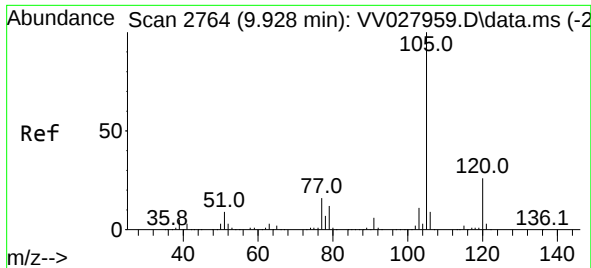


#59
 Bromoform
 Concen: 47.177 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV027959.D
 Acq: 20 Sep 2022 13:18

Tgt Ion: 173 Resp: 117480

Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.7	59.5
254	9.3	7.4	11.2

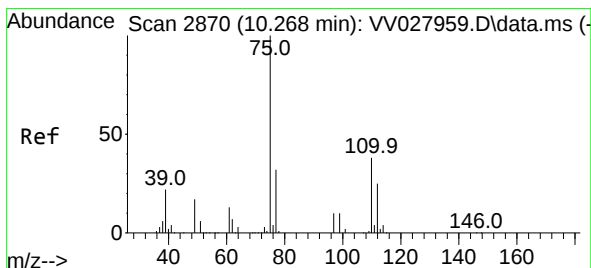
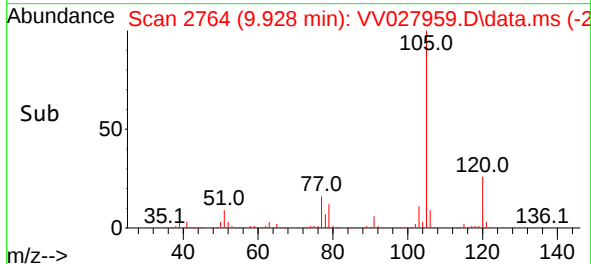
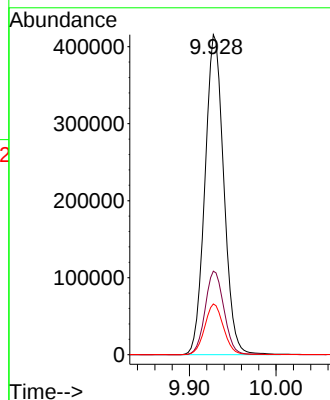
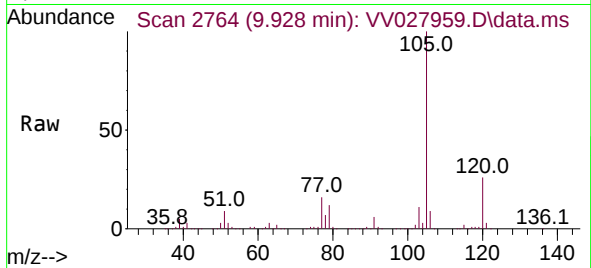




#60
Isopropylbenzene
Concen: 48.095 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

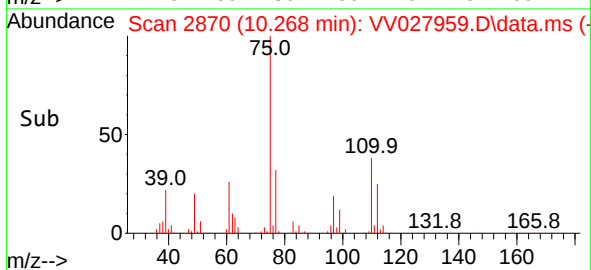
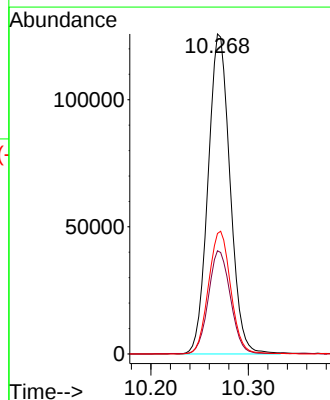
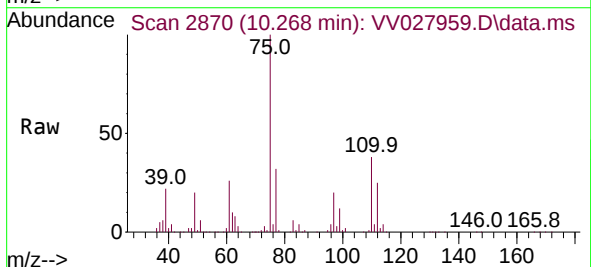
Instrument :
MSVOA_V
ClientSampleId :
VSTD050260

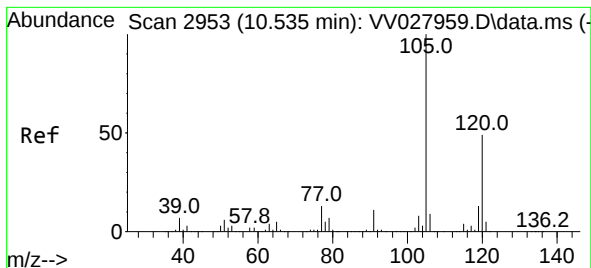
Tgt Ion:105 Resp: 628383
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 42.038 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

Tgt Ion: 75 Resp: 197267
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
110 38.9 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 48.843 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

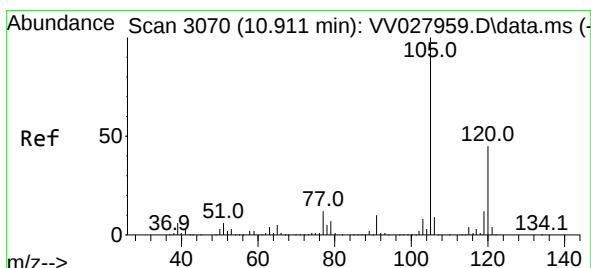
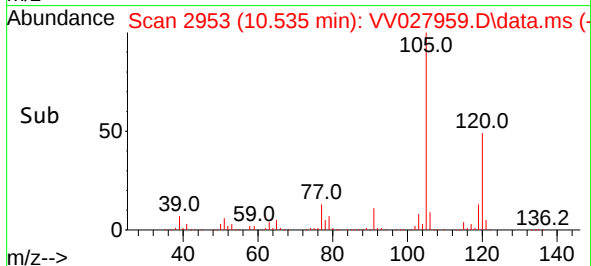
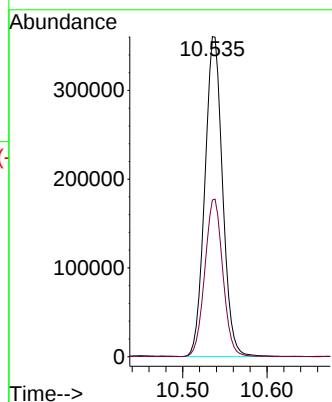
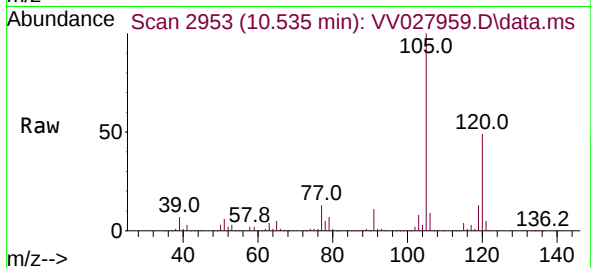
VSTD050260

Tgt Ion:105 Resp: 528959

Ion Ratio Lower Upper

105 100

120 50.2 40.2 60.2



#63

1,2,4-Trimethylbenzene

Concen: 50.771 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV027959.D

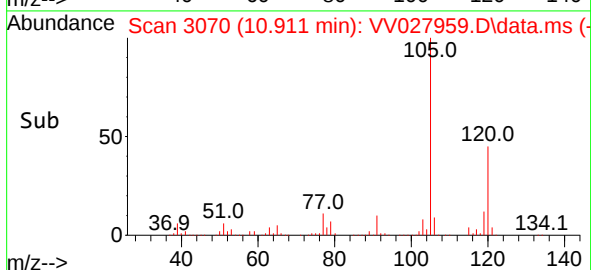
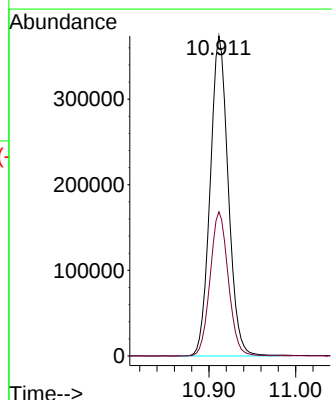
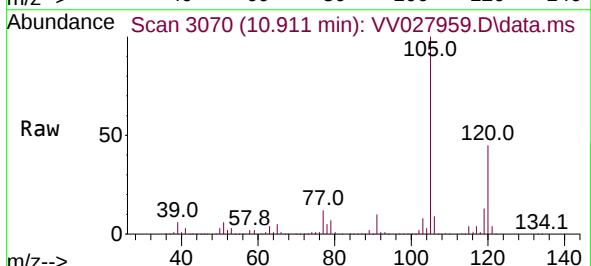
Acq: 20 Sep 2022 13:18

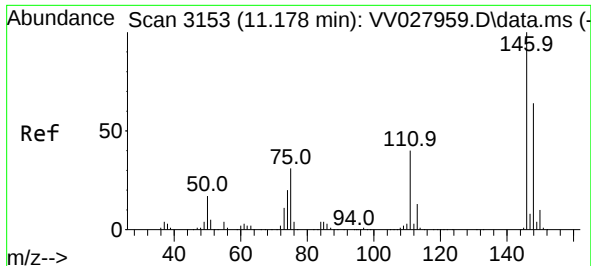
Tgt Ion:105 Resp: 541082

Ion Ratio Lower Upper

105 100

120 45.4 36.3 54.5

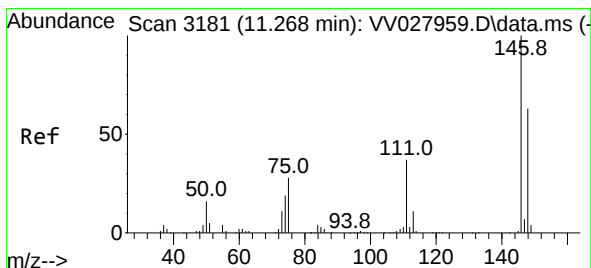
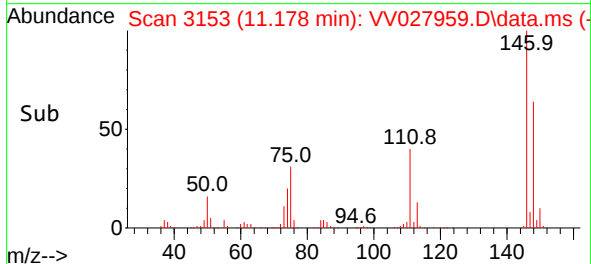
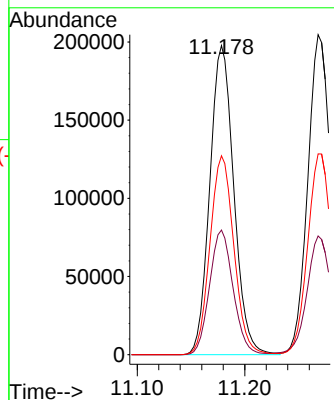
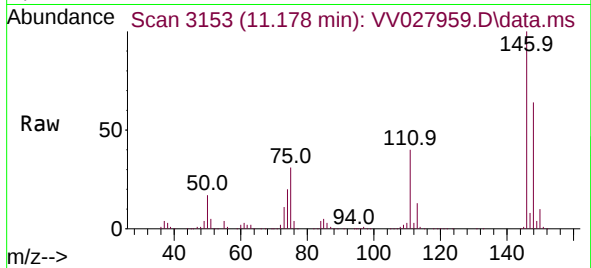




#64
1,3-Dichlorobenzene
Concen: 47.997 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

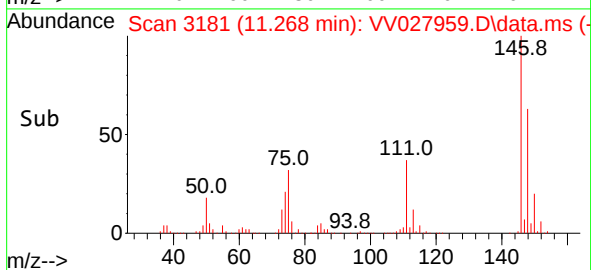
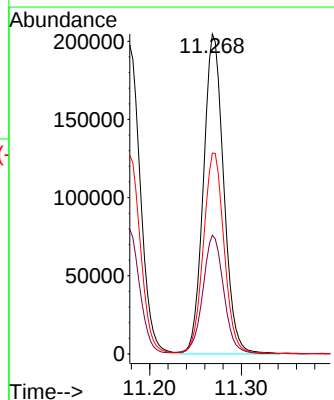
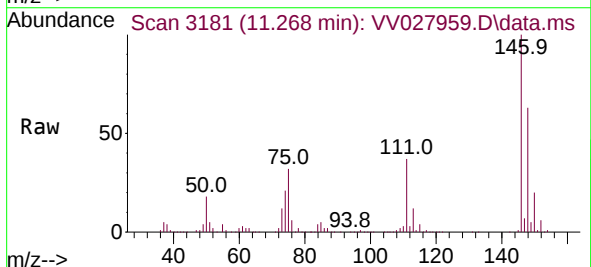
Instrument :
MSVOA_V
ClientSampleId :
VSTD050260

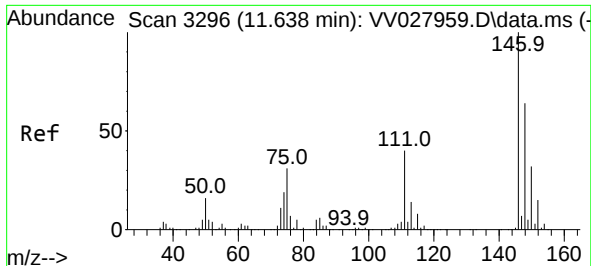
Tgt Ion:146 Resp: 306321
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 64.3 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 47.062 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV027959.D
Acq: 20 Sep 2022 13:18

Tgt Ion:146 Resp: 314965
Ion Ratio Lower Upper
146 100
111 37.1 26.0 48.2
148 62.7 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 46.227 ug/L

RT: 11.638 min Scan# 3296

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD050260

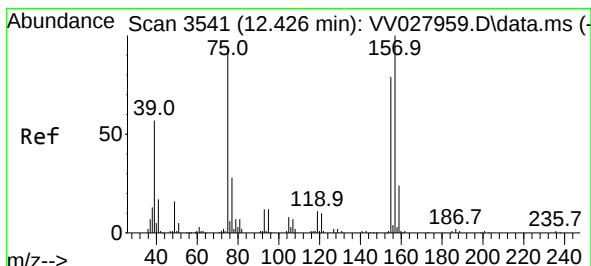
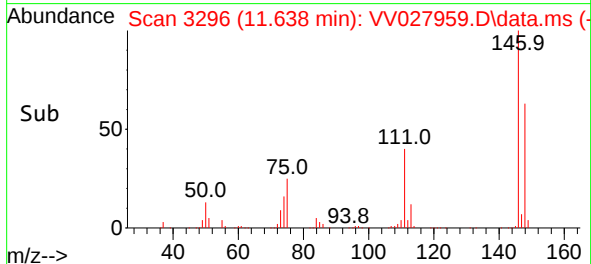
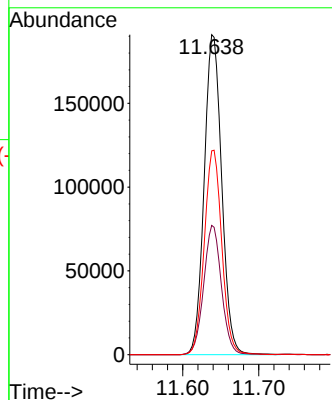
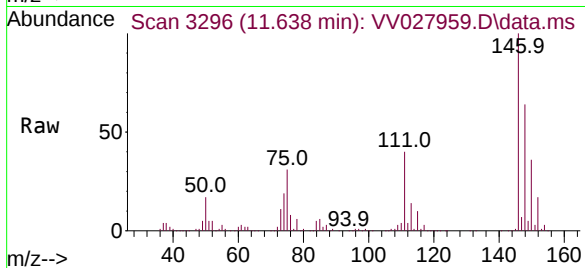
Tgt Ion:146 Resp: 305836

Ion Ratio Lower Upper

146 100

111 40.4 32.3 48.5

148 63.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 44.178 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

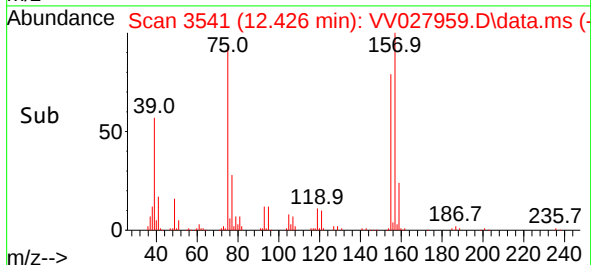
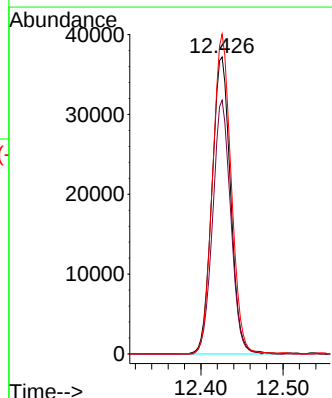
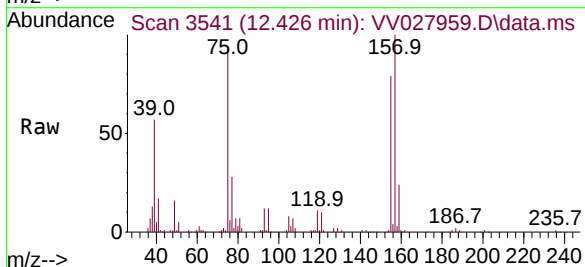
Tgt Ion: 75 Resp: 58734

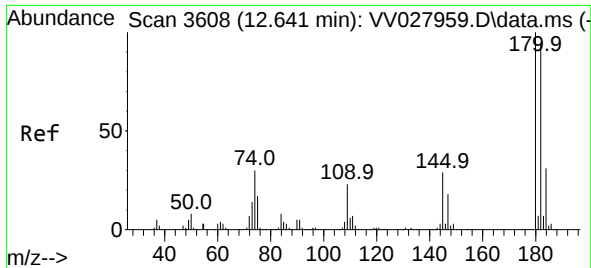
Ion Ratio Lower Upper

75 100

155 85.4 68.3 102.5

157 107.7 86.2 129.2

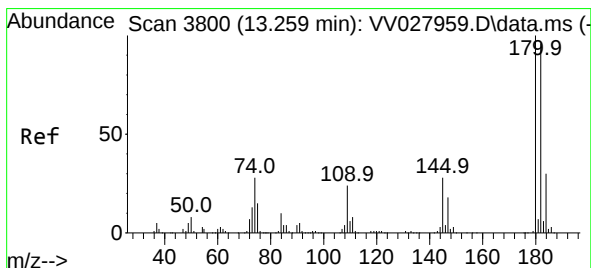
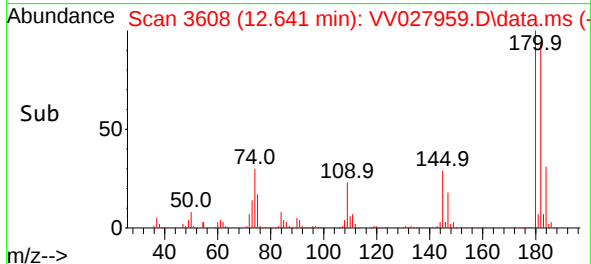
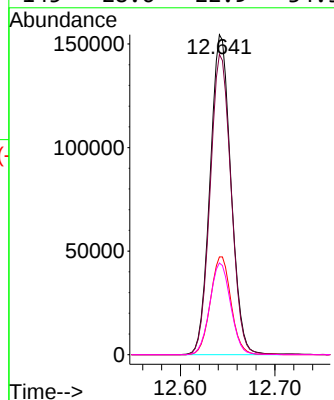
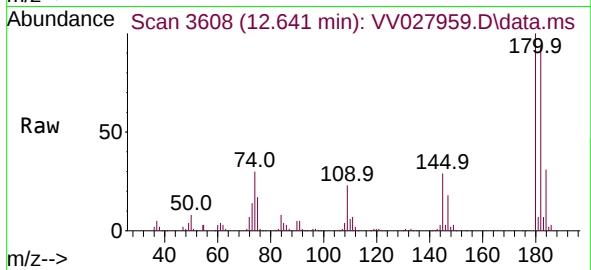




#69
 1,3,5-Trichlorobenzene
 Concen: 53.440 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV027959.D
 Acq: 20 Sep 2022 13:18

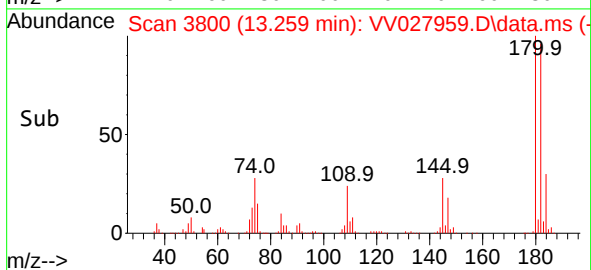
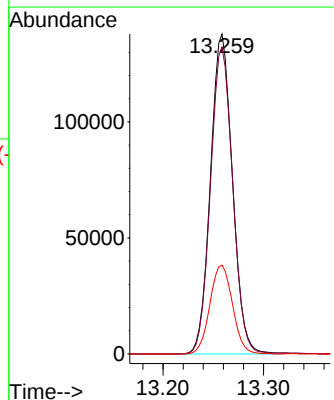
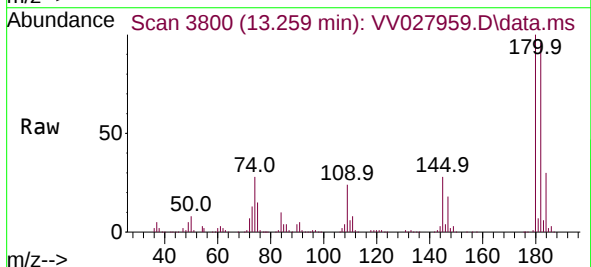
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050260

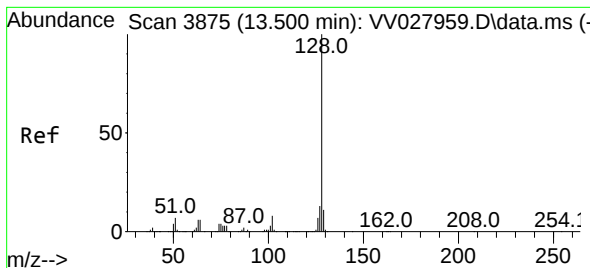
Tgt Ion:180 Resp: 236448
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.4 113.0
 184 30.2 24.2 36.2
 145 28.6 22.9 34.3



#70
 1,2,4-trichlorobenzene
 Concen: 55.962 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027959.D
 Acq: 20 Sep 2022 13:18

Tgt Ion:180 Resp: 209723
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.0 115.6
 145 28.5 22.8 34.2





#71

Naphthalene

Concen: 56.520 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD050260

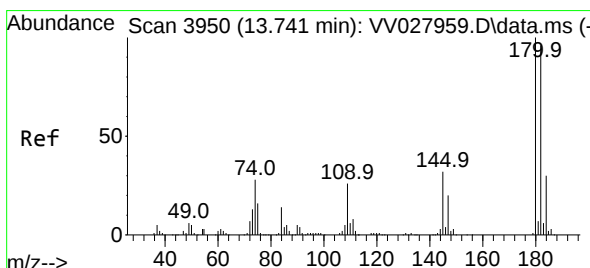
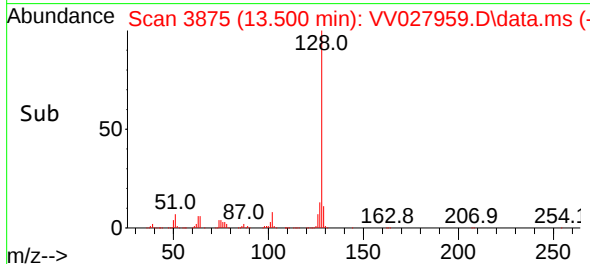
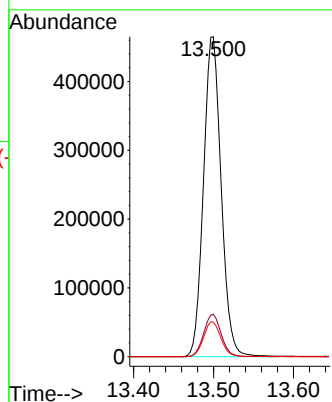
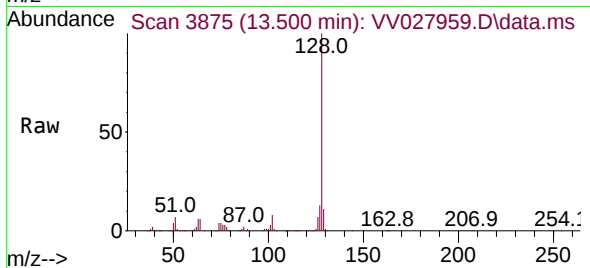
Tgt Ion:128 Resp: 715473

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 54.902 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027959.D

Acq: 20 Sep 2022 13:18

Tgt Ion:180 Resp: 222098

Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

145 31.4 25.1 37.7

