

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
 Data File : VW027958.D
 Acq On : 20 Sep 2022 12:53
 Operator : SY/MD
 Sample : VSTD01059
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010259

Quant Time: Sep 21 01:29:34 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	5.612	114	362387	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	358788	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	200778	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	31487	12.094	ug/L	0.00
7) Chloroethane-d5	1.561	69	26044	13.534	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	57136	12.056	ug/L	0.00
21) 2-Butanone-d5	4.069	46	102	0.048	ug/L	0.20
24) Chloroform-d	4.342	84	51803	10.121	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	33567	10.480	ug/L	0.00
32) Benzene-d6	5.046	84	99162	10.998	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	29270	9.422	ug/L	0.00
41) Toluene-d8	7.313	98	90078	11.720	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	14056	10.155	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	25016	16.812	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	45205	9.111	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	39432	11.123	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	27653	8.909	ug/L	98
3) Chloromethane	1.236	50	32249	9.087	ug/L	98
5) Vinyl chloride	1.307	62	32545	9.126	ug/L	96
6) Bromomethane	1.516	94	21421	12.003	ug/L	100
8) Chloroethane	1.580	64	20986	10.459	ug/L	94
9) Trichlorofluoromethane	1.748	101	48700	10.336	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	27239	10.486	ug/L	99
12) 1,1-Dichloroethene	2.111	96	27187	10.801	ug/L	95
13) Acetone	2.156	43	32704	19.776	ug/L	99
14) Carbon disulfide	2.288	76	69681	8.513	ug/L	99
15) Methyl Acetate	2.426	43	27912	7.635	ug/L	96
16) Methylene chloride	2.500	84	32430	9.996	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	24965	9.230	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	72079	8.896	ug/L	100
19) 1,1-Dichloroethane	3.185	63	46667	8.670	ug/L	95
20) cis-1,2-Dichloroethene	3.905	96	26122	9.231	ug/L	98
22) 2-Butanone	3.969	43	30905	14.052	ug/L	93
23) Bromochloromethane	4.246	128	14543	9.194	ug/L	95
25) Chloroform	4.371	83	50317	9.132	ug/L	95
27) 1,2-Dichloroethane	5.130	62	37926	8.798	ug/L	99
29) Cyclohexane	4.670	56	33951	8.261	ug/L	90
30) 1,1,1-Trichloroethane	4.603	97	42952	9.140	ug/L	99
31) Carbon tetrachloride	4.821	117	38549	9.408	ug/L	97
33) Benzene	5.095	78	100972	8.918	ug/L	100
34) Trichloroethene	5.915	95	26337	9.157	ug/L	97
35) Methylcyclohexane	6.127	83	39014	9.126	ug/L	97
37) 1,2-Dichloropropane	6.169	63	25167	8.016	ug/L #	97
38) Bromodichloromethane	6.506	83	36989	8.905	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	37231	8.800	ug/L	95
40) 4-Methyl-2-pentanone	7.226	43	66838	15.176	ug/L	99
42) Toluene	7.387	91	107039	9.371	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	37588	8.992	ug/L	98

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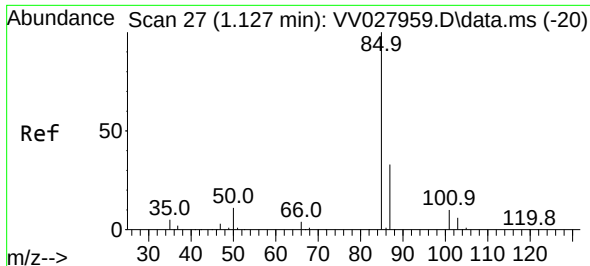
Instrument :
 MSVOA_V
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Quant Time: Sep 21 01:29:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:28:10 2022
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.837	97	26550	8.729	ug/L	95
46) Tetrachloroethene	7.972	164	22782	10.610	ug/L	94
48) 2-Hexanone	8.143	43	50402	14.242	ug/L	98
49) Dibromochloromethane	8.242	129	30152	9.337	ug/L	99
50) 1,2-Dibromoethane	8.352	107	27813	8.940	ug/L	97
51) Chlorobenzene	8.879	112	74356	9.617	ug/L	97
52) Ethylbenzene	9.011	91	114055	9.522	ug/L	97
53) m,p-Xylene	9.136	106	43467	9.590	ug/L	96
54) o-Xylene	9.541	106	42195	9.549	ug/L	96
55) Styrene	9.561	104	73737	9.541	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	45880	8.956	ug/L	98
59) Bromoform	9.728	173	22915	9.666	ug/L	99
60) Isopropylbenzene	9.931	105	110265	8.865	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	36326	8.132	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	92303	8.953	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	89495	8.821	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	58914	9.697	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	61472	9.648	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	59895	9.510	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	10451	8.257	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	47472	11.270	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	41347	11.589	ug/L	98
71) Naphthalene	13.500	128	122184	10.139	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	42717	11.092	ug/L	98

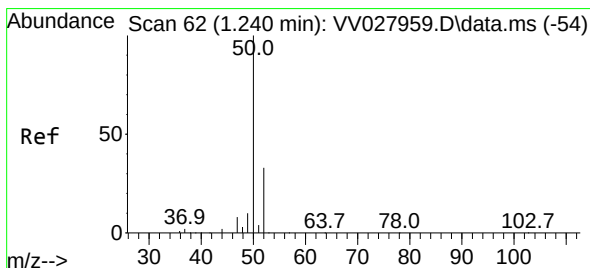
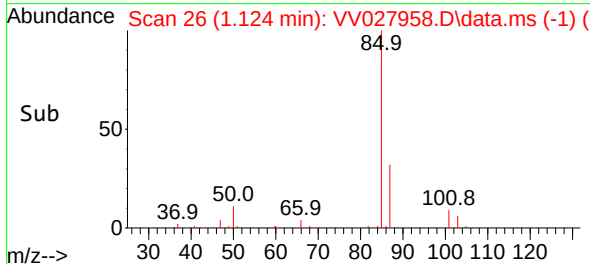
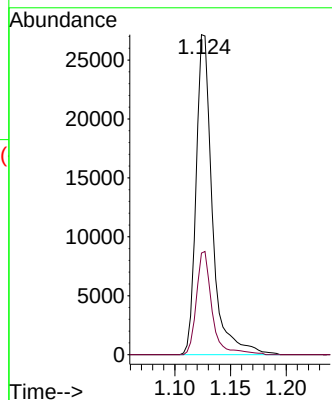
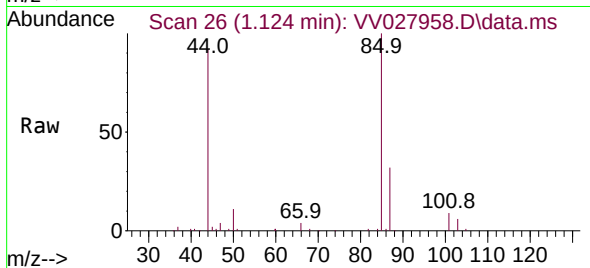
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 8.909 ug/L
 RT: 1.124 min Scan# 2
 Delta R.T. -0.003 min
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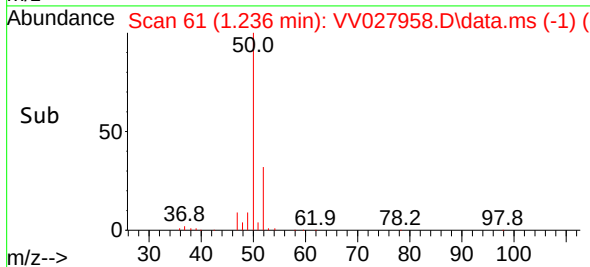
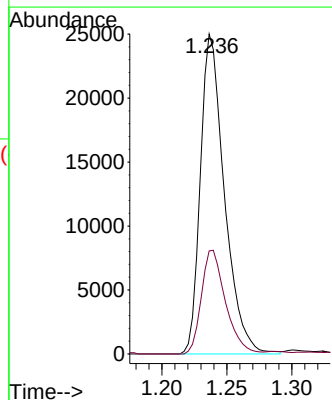
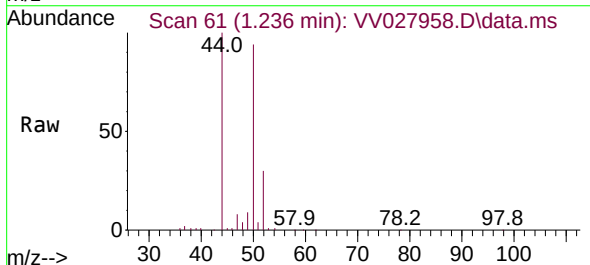
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010259

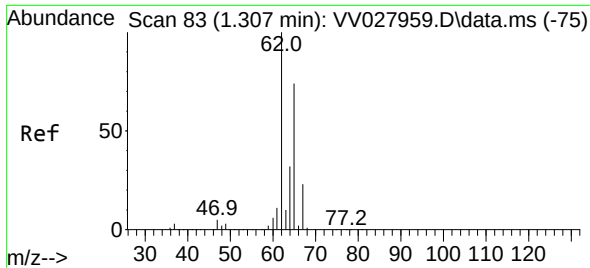
Tgt Ion: 85 Resp: 27653
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.8 38.8



#3
 Chloromethane
 Concen: 9.087 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV027958.D
 Acq: 20 Sep 2022 12:53

Tgt Ion: 50 Resp: 32249
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.2 43.0

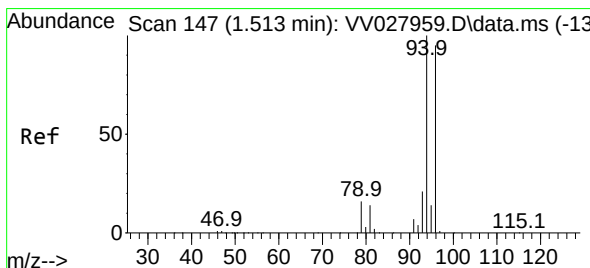
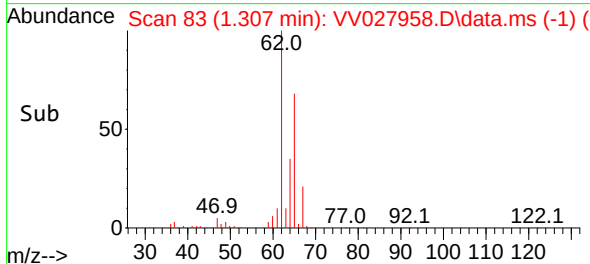
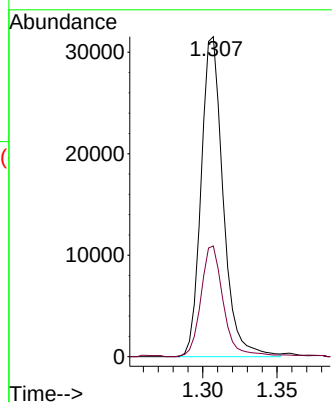
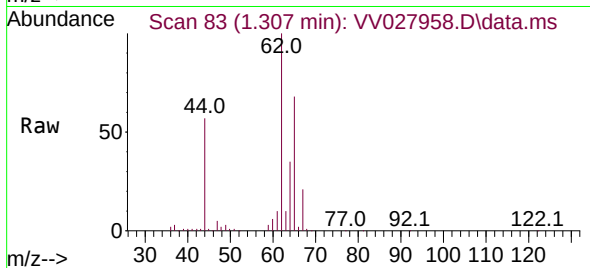




#5
 Vinyl chloride
 Concen: 9.126 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027958.D
 Acq: 20 Sep 2022 12:53

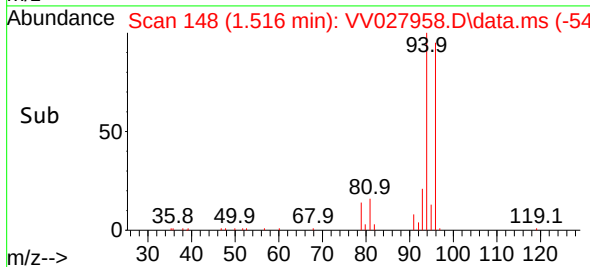
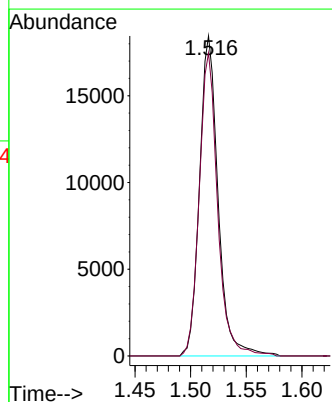
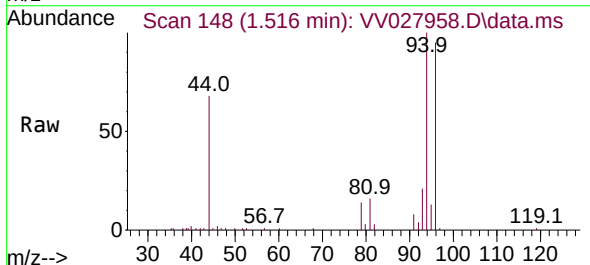
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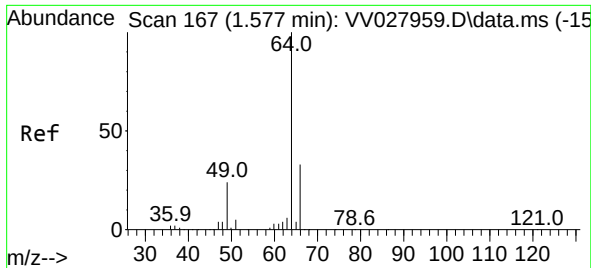
Tgt Ion: 62 Resp: 32545
 Ion Ratio Lower Upper
 62 100
 64 34.6 22.7 42.3



#6
 Bromomethane
 Concen: 12.003 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV027958.D
 Acq: 20 Sep 2022 12:53

Tgt Ion: 94 Resp: 21421
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.4 123.2

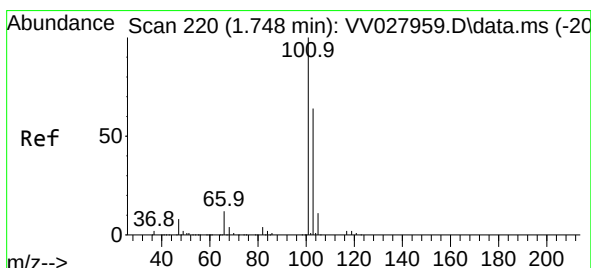
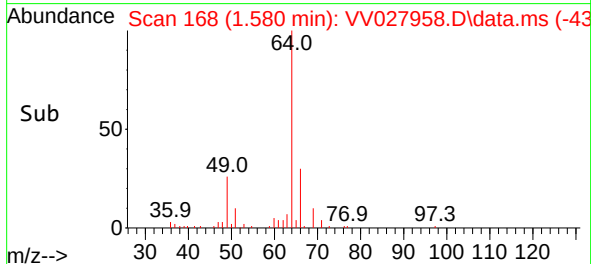
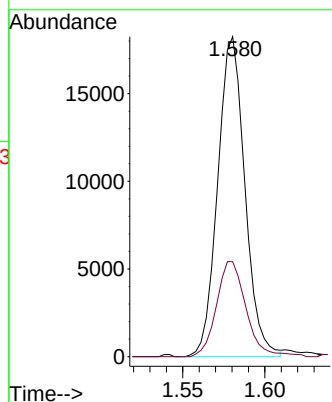
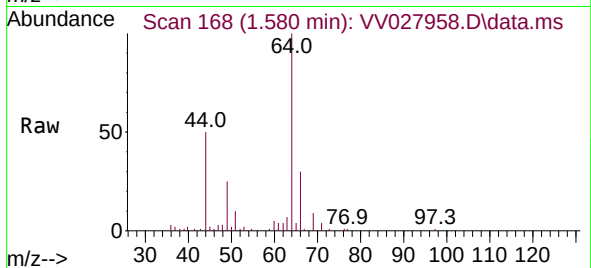




#8
Chloroethane
Concen: 10.459 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

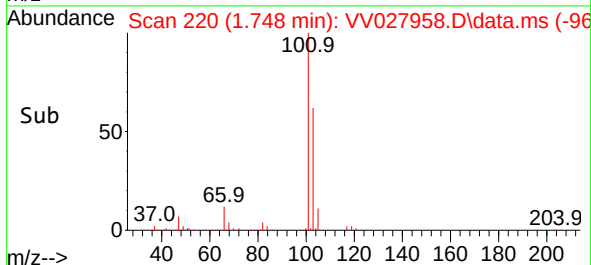
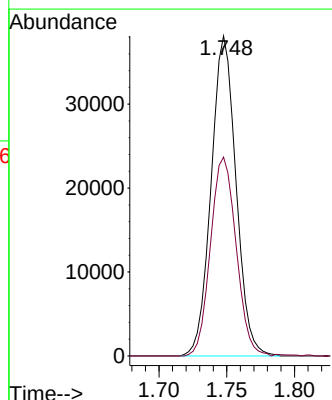
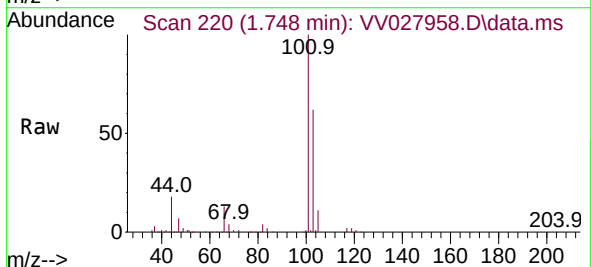
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ClientSampleId :
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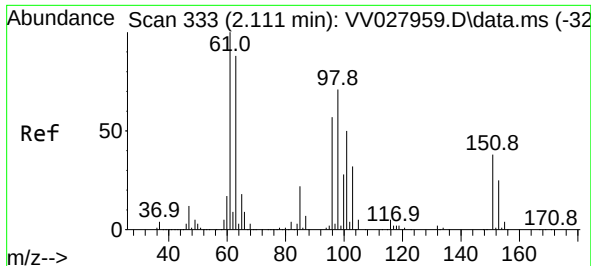
Tgt Ion: 64 Resp: 20986
Ion Ratio Lower Upper
64 100
66 29.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 10.336 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Tgt Ion: 101 Resp: 48700
Ion Ratio Lower Upper
101 100
103 63.9 51.3 76.9

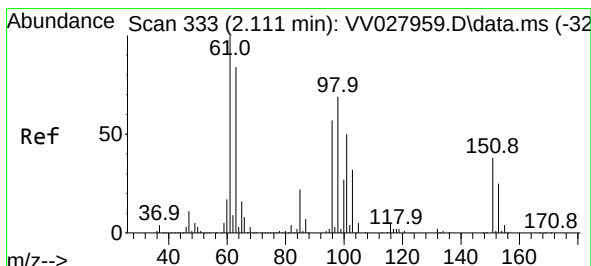
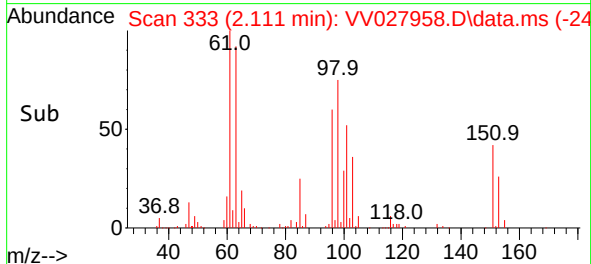
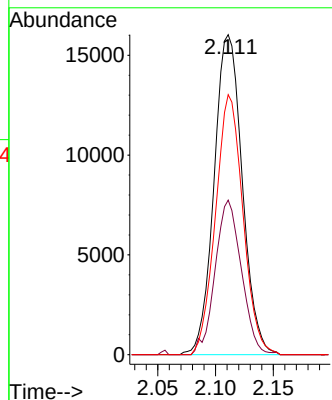
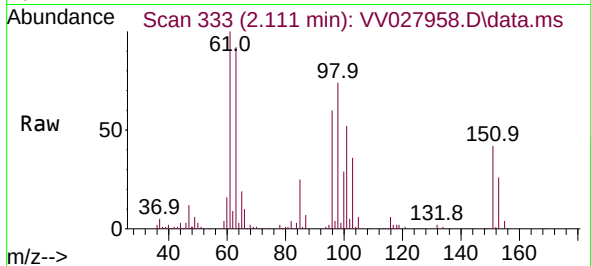




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.486 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV027958.D
 Acq: 20 Sep 2022 12:53

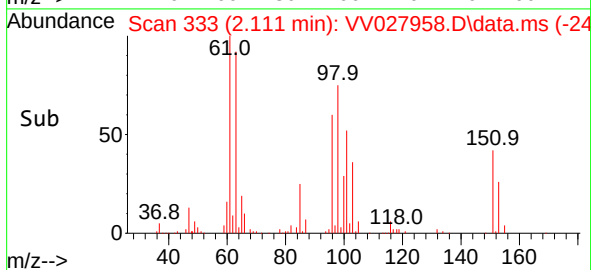
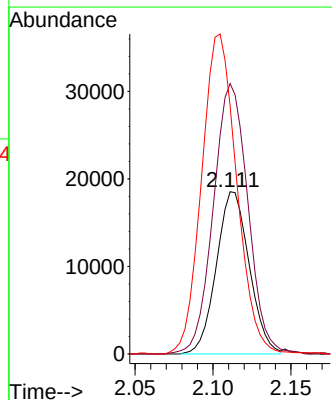
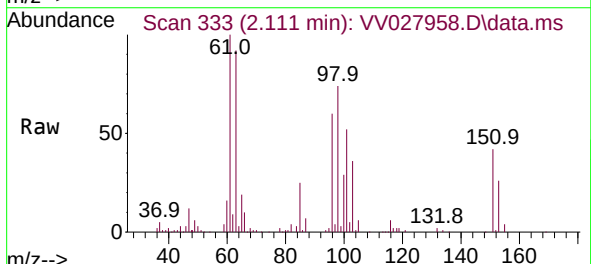
Instrument :
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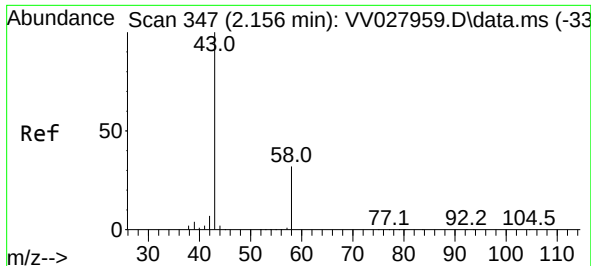
Tgt Ion:101 Resp: 27239
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.6 53.4
 151 79.0 62.2 93.4



#12
 1,1-Dichloroethene
 Concen: 10.801 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV027958.D
 Acq: 20 Sep 2022 12:53

Tgt Ion: 96 Resp: 27187
 Ion Ratio Lower Upper
 96 100
 61 166.6 123.7 229.7
 63 152.8 108.6 201.6





#13

Acetone

Concen: 19.776 ug/L

RT: 2.156 min Scan# 347

Delta R.T. -0.000 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

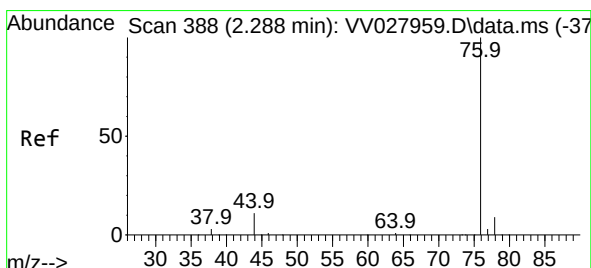
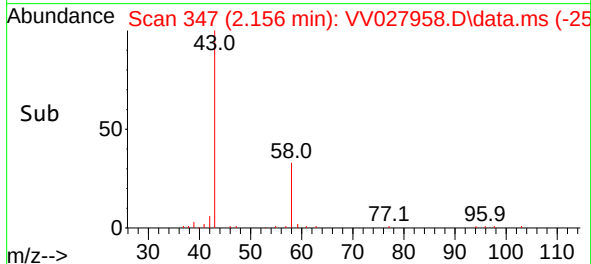
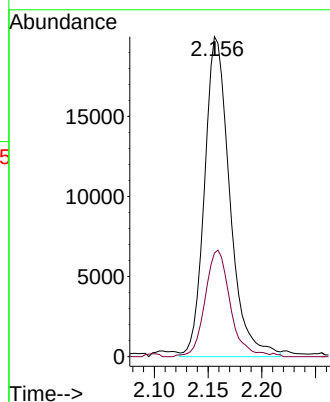
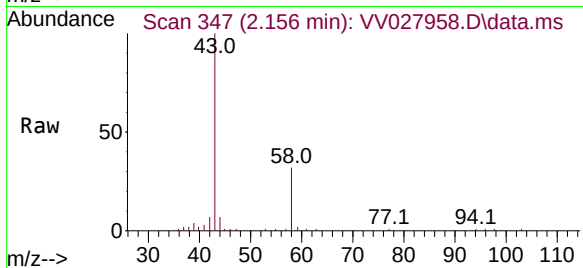
VSTD010259

Tgt Ion: 43 Resp: 32704

Ion Ratio Lower Upper

43 100

58 32.6 0.0 66.2



#14

Carbon disulfide

Concen: 8.513 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV027958.D

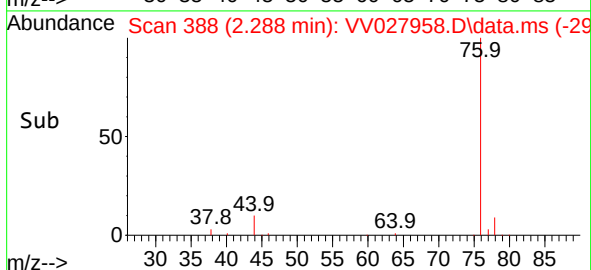
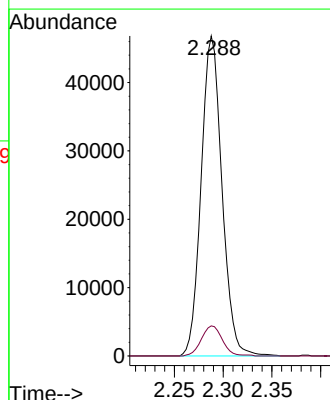
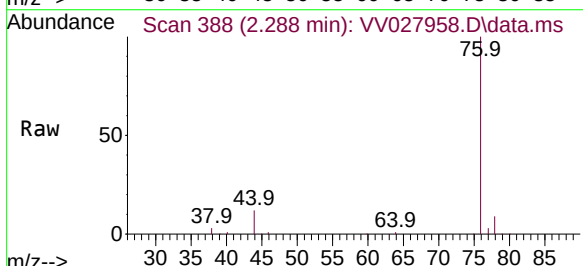
Acq: 20 Sep 2022 12:53

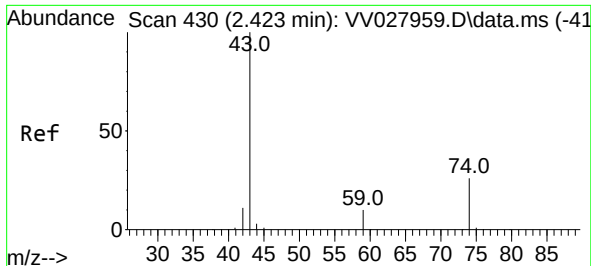
Tgt Ion: 76 Resp: 69681

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

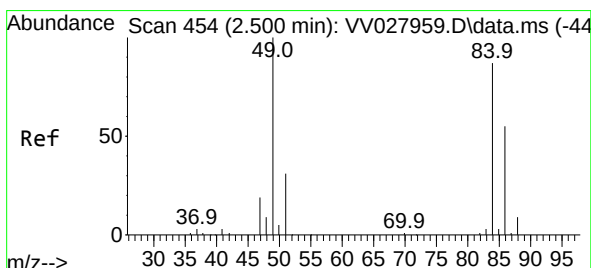
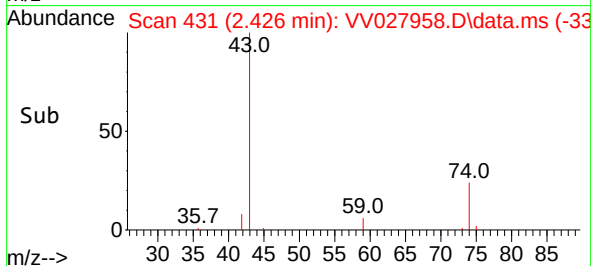
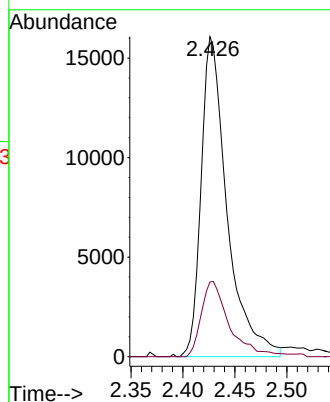
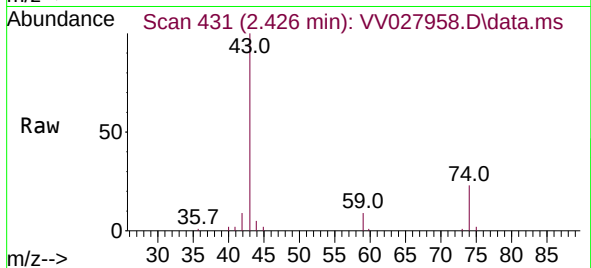




#15
Methyl Acetate
Concen: 7.635 ug/L
RT: 2.426 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

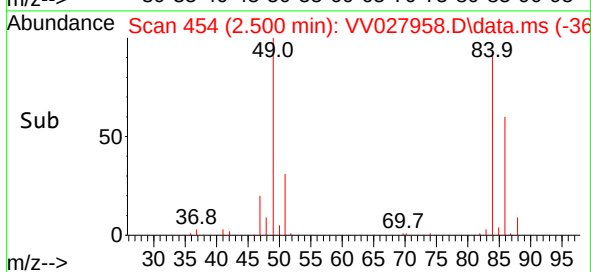
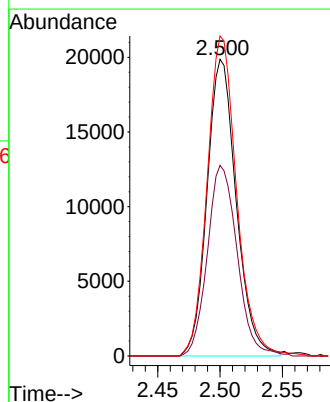
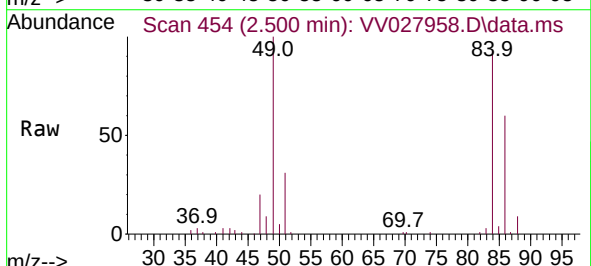
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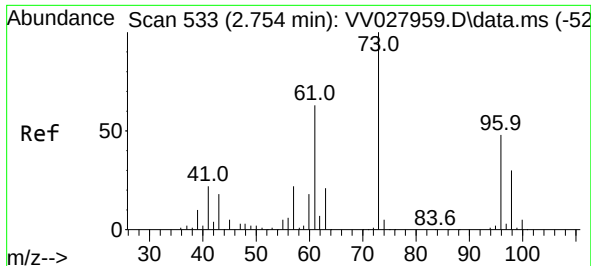
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Ion Ratio Lower Upper
43 100
74 24.3 20.9 31.3



#16
Methylene chloride
Concen: 9.996 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Tgt Ion: 84 Resp: 32430
Ion Ratio Lower Upper
84 100
86 64.2 44.2 82.2
49 107.9 80.8 150.0

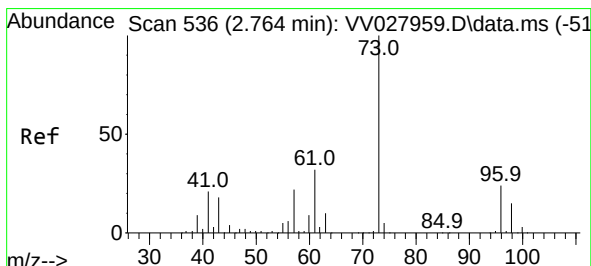
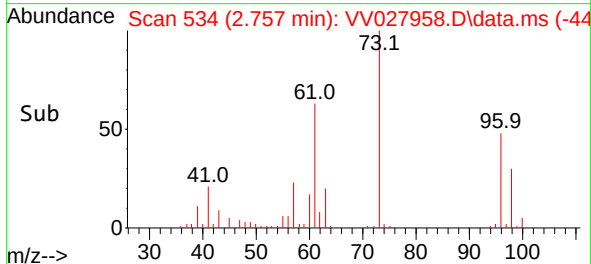
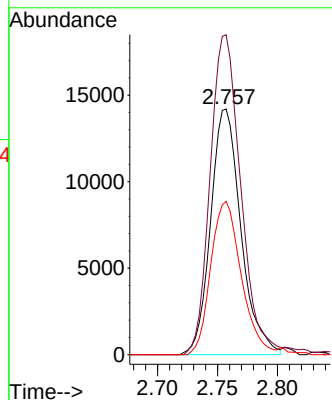
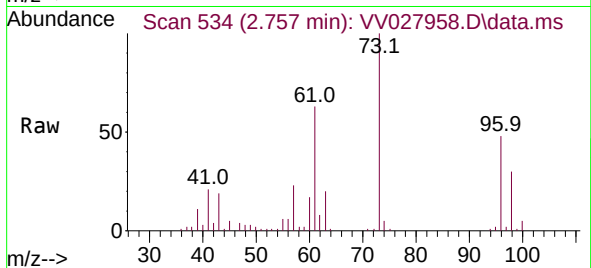




#17
trans-1,2-Dichloroethene
Concen: 9.230 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

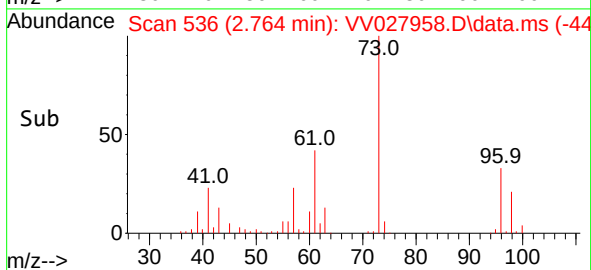
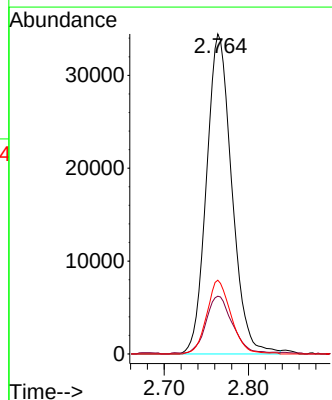
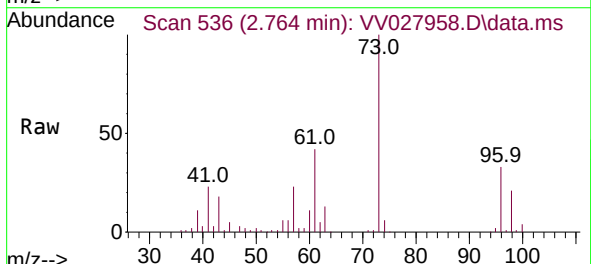
Instrument :
MSVOA_V
ClientSampleId :
VSTD010259

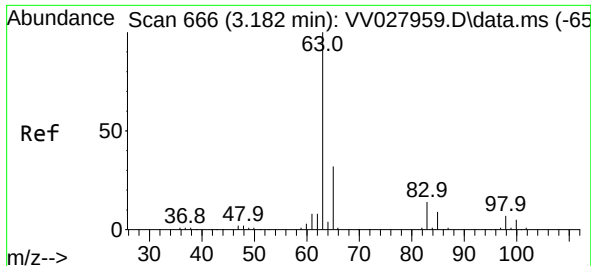
Tgt Ion: 96 Resp: 24965
Ion Ratio Lower Upper
96 100
61 130.2 92.3 171.5
98 62.3 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 8.896 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Tgt Ion: 73 Resp: 72079
Ion Ratio Lower Upper
73 100
43 18.0 14.5 21.7
57 22.0 17.4 26.0





#19

1,1-Dichloroethane

Concen: 8.670 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD010259

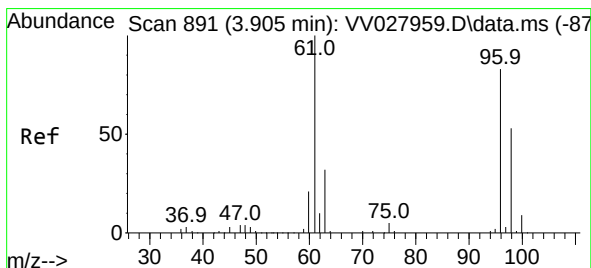
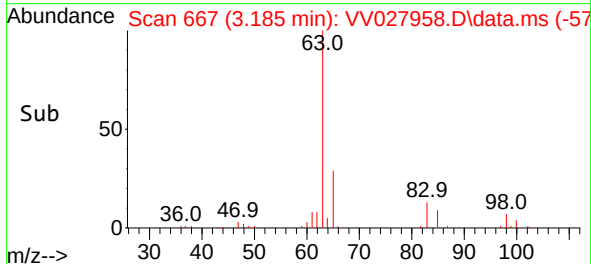
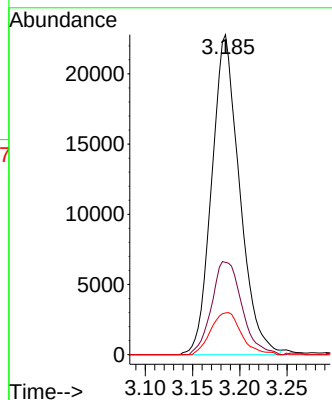
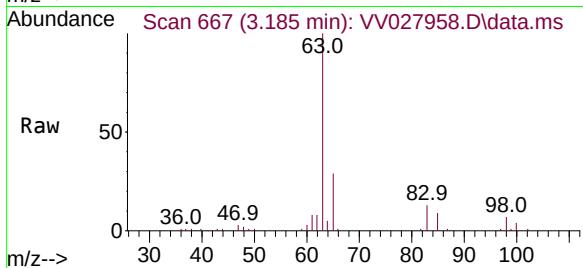
Tgt Ion: 63 Resp: 46667

Ion Ratio Lower Upper

63 100

65 28.9 22.5 41.7

83 13.0 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 9.231 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

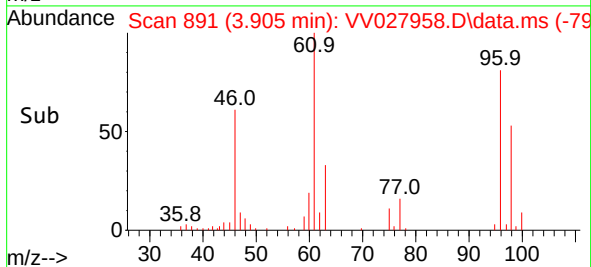
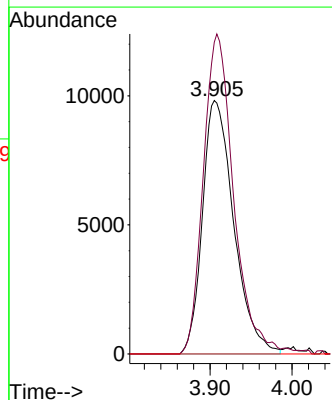
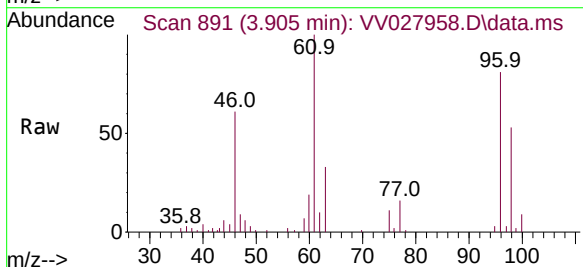
Tgt Ion: 96 Resp: 26122

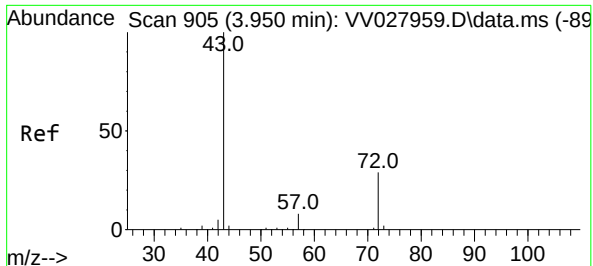
Ion Ratio Lower Upper

96 100

61 123.0 84.4 156.8

68 0.0 0.0 0.0

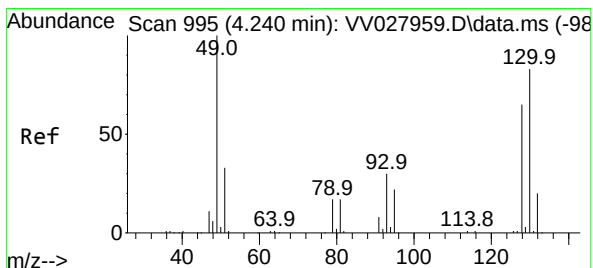
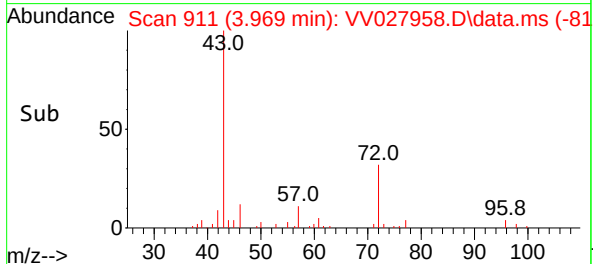
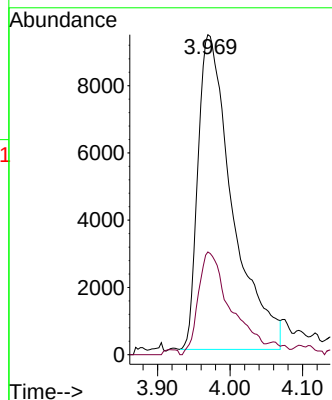
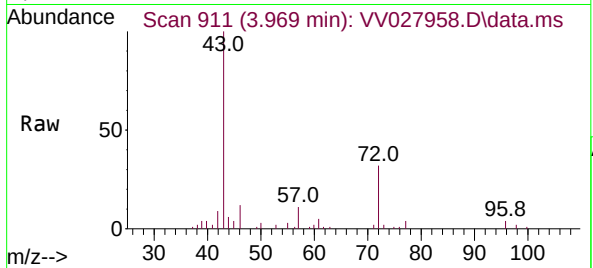




#22
2-Butanone
Concen: 14.052 ug/L
RT: 3.969 min Scan# 911
Delta R.T. 0.019 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

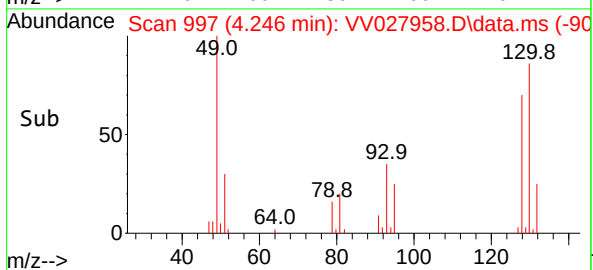
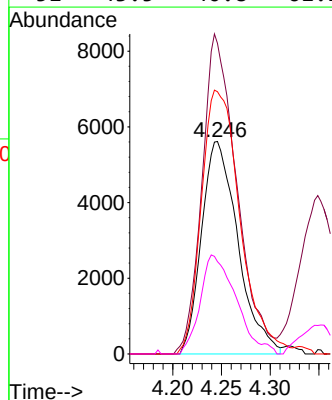
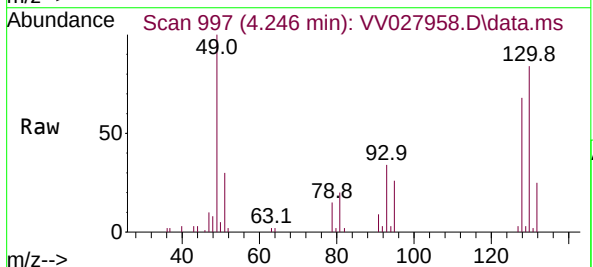
Instrument :
MSVOA_V
ClientSampleId :
VSTD010259

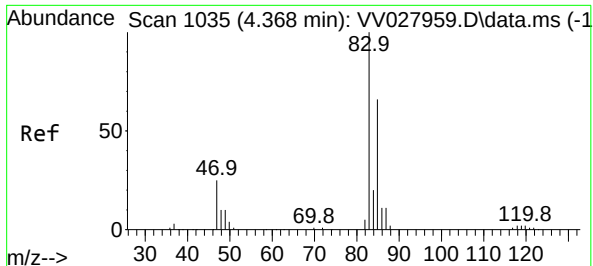
Tgt Ion: 43 Resp: 30905
Ion Ratio Lower Upper
43 100
72 30.6 13.5 40.4



#23
Bromochloromethane
Concen: 9.194 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.006 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Tgt Ion: 128 Resp: 14543
Ion Ratio Lower Upper
128 100
49 146.2 107.0 198.6
130 123.5 88.3 164.1
51 43.5 40.8 61.2





#25

Chloroform

Concen: 9.132 ug/L

RT: 4.371 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

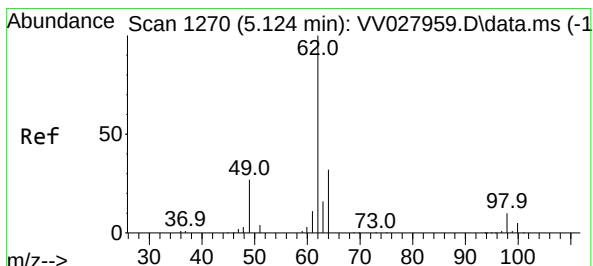
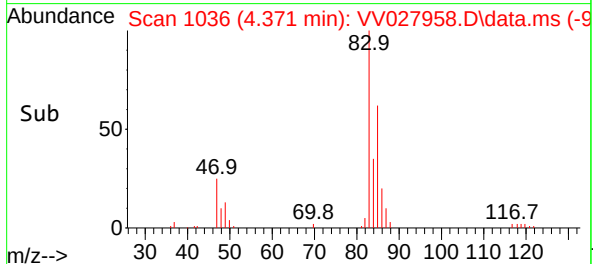
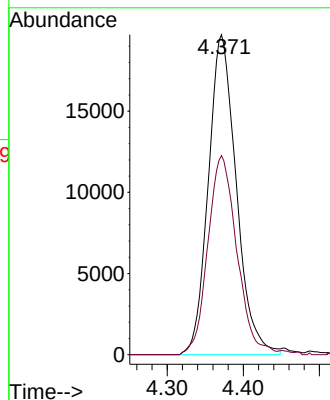
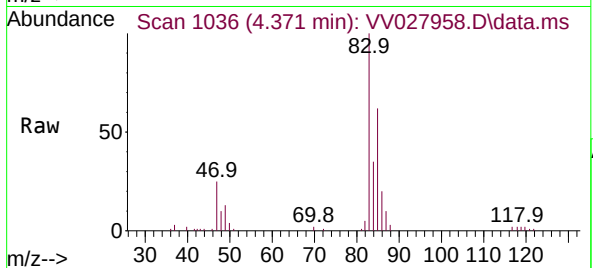
VSTD010259

Tgt Ion: 83 Resp: 50317

Ion Ratio Lower Upper

83 100

85 62.2 46.3 85.9



#27

1,2-Dichloroethane

Concen: 8.798 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV027958.D

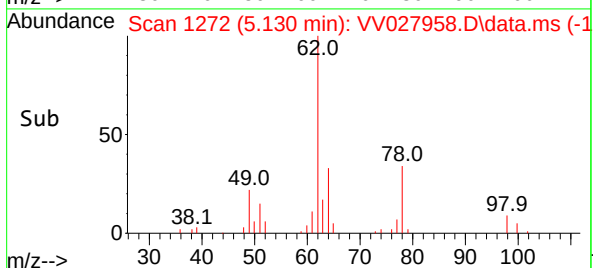
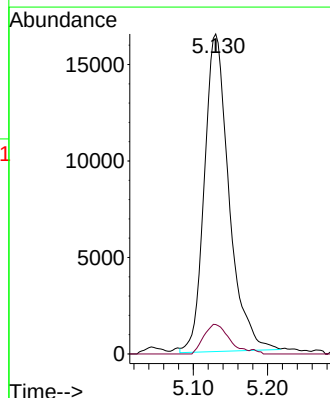
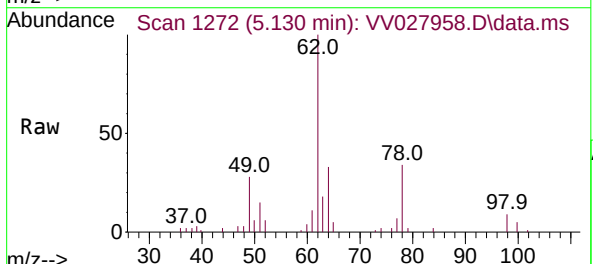
Acq: 20 Sep 2022 12:53

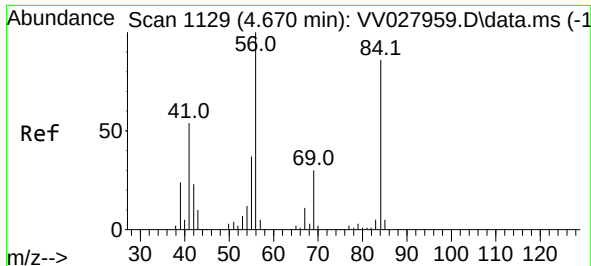
Tgt Ion: 62 Resp: 37926

Ion Ratio Lower Upper

62 100

98 9.2 7.6 11.4





#29

Cyclohexane

Concen: 8.261 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD010259

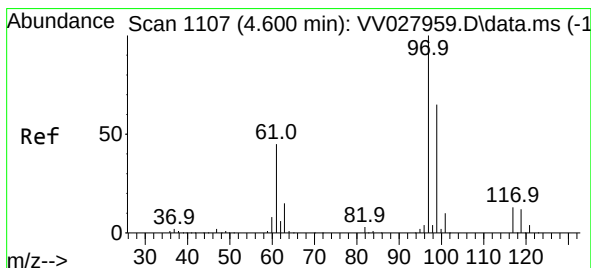
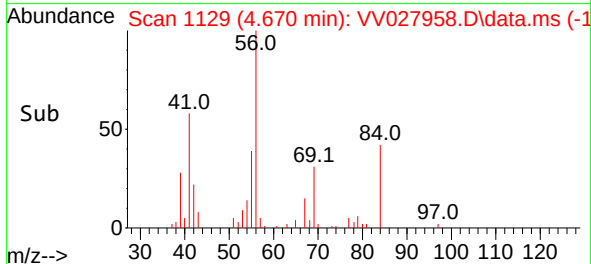
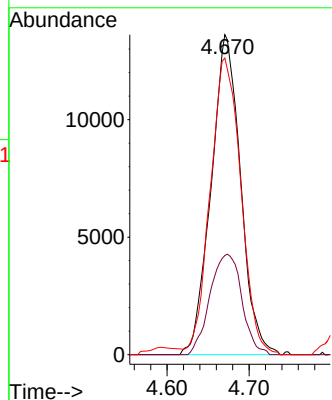
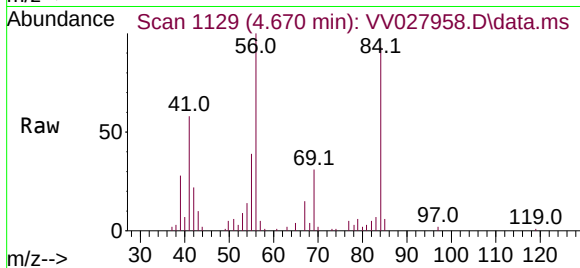
Tgt Ion: 56 Resp: 33951

Ion Ratio Lower Upper

56 100

69 34.0 24.6 36.8

84 96.5 69.0 103.6



#30

1,1,1-Trichloroethane

Concen: 9.140 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

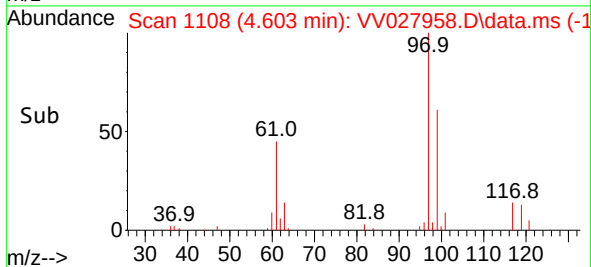
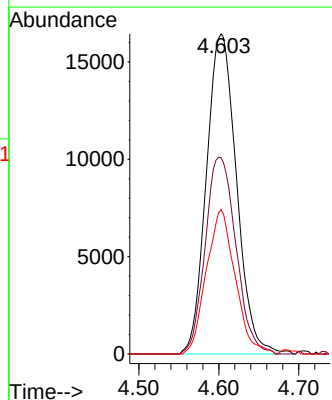
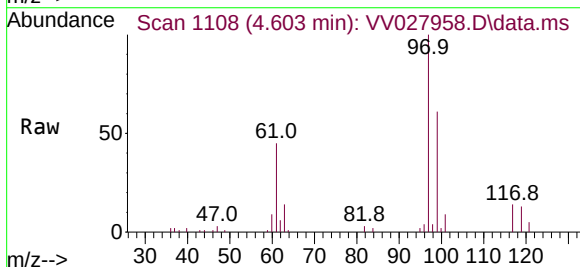
Tgt Ion: 97 Resp: 42952

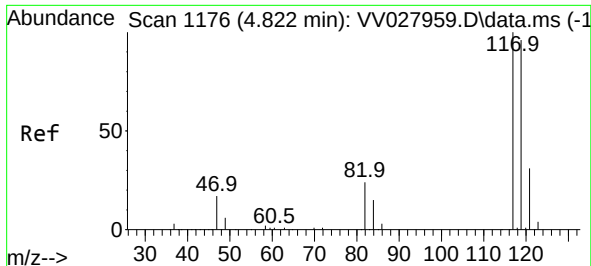
Ion Ratio Lower Upper

97 100

99 62.8 51.4 77.0

61 43.3 35.2 52.8

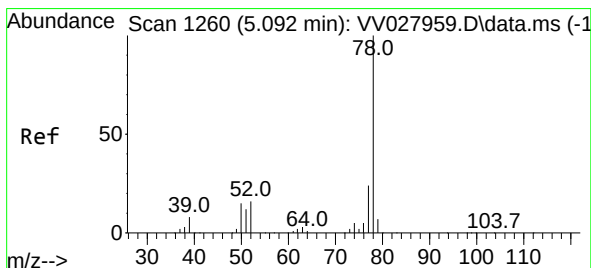
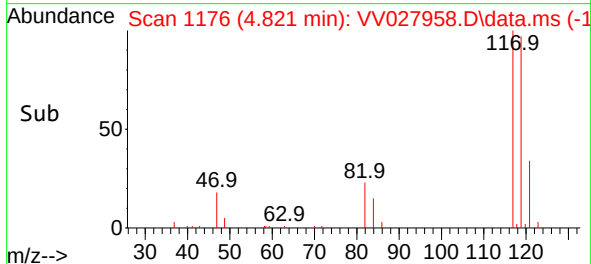
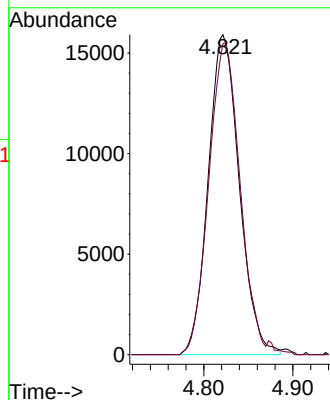
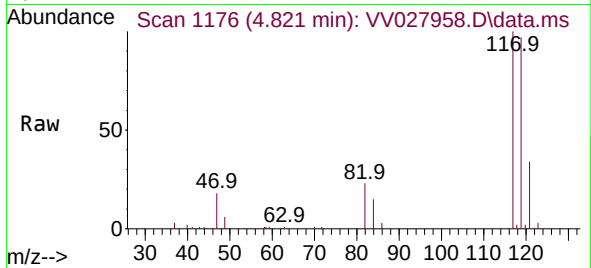




#31
Carbon tetrachloride
Concen: 9.408 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

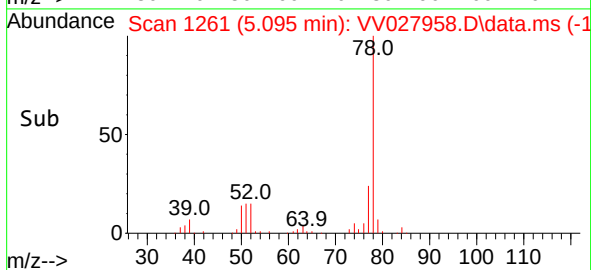
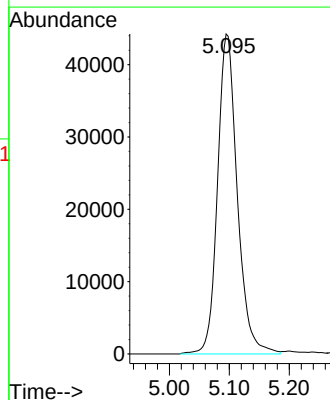
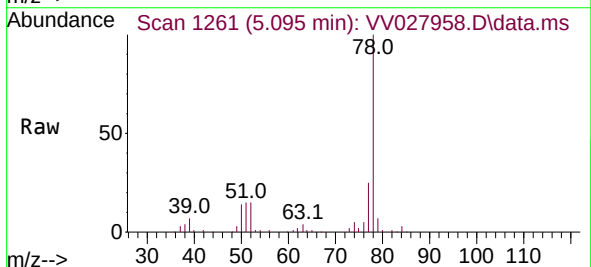
Instrument :
MSVOA_V
ClientSampleId :
VSTD010259

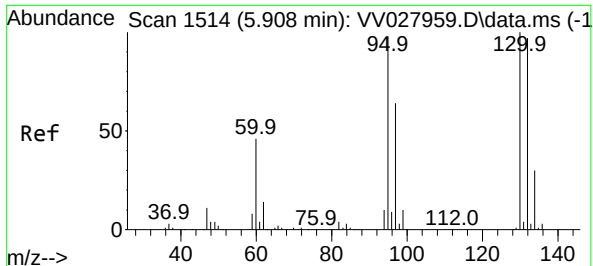
Tgt Ion:117 Resp: 38549
Ion Ratio Lower Upper
117 100
119 97.7 75.6 113.4



#33
Benzene
Concen: 8.918 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Tgt Ion: 78 Resp: 100972



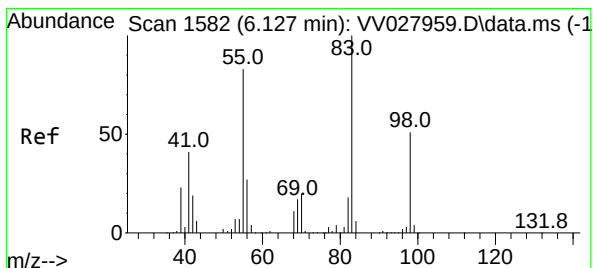
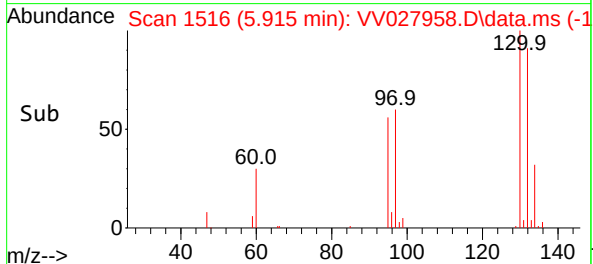
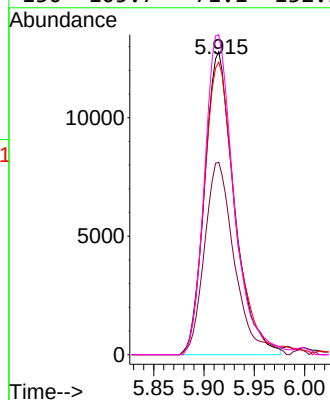
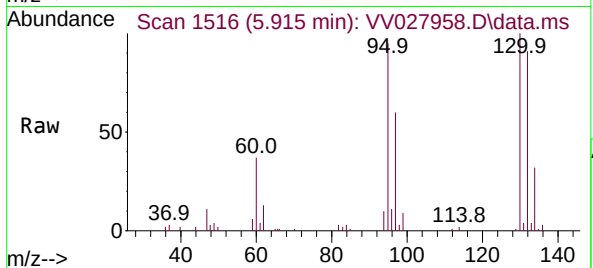


#34
Trichloroethene
Concen: 9.157 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD010259

Tgt Ion: 95 Resp: 26337

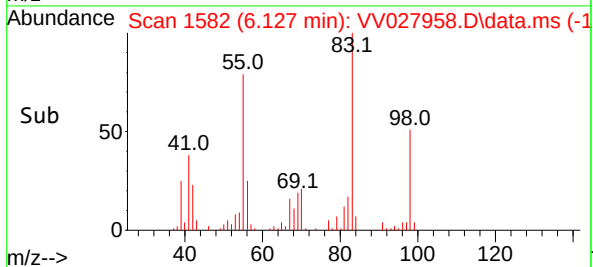
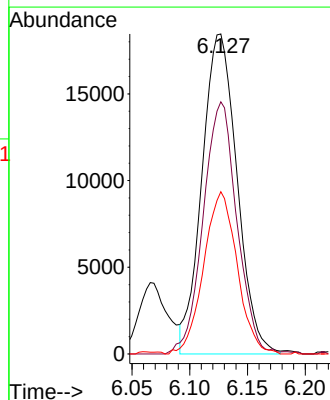
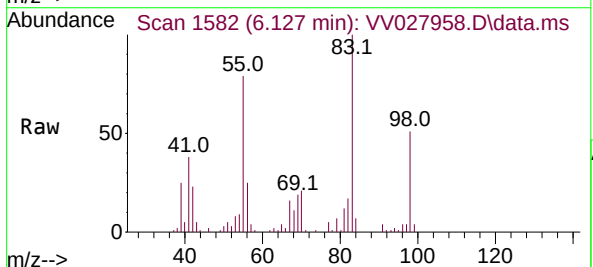
Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.4	84.2
132	96.6	69.2	128.6
130	105.7	71.1	132.1

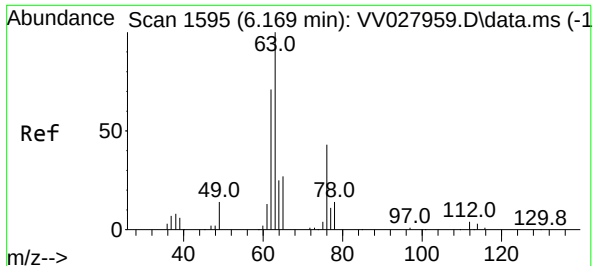


#35
Methylcyclohexane
Concen: 9.126 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Tgt Ion: 83 Resp: 39014

Ion	Ratio	Lower	Upper
83	100		
55	75.3	63.0	94.4
98	48.3	39.5	59.3





#37

1,2-Dichloropropane

Concen: 8.016 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

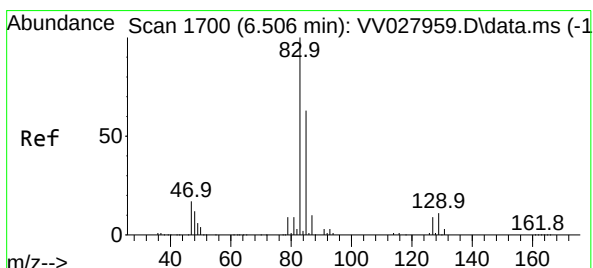
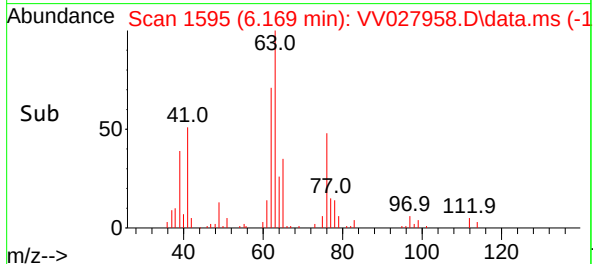
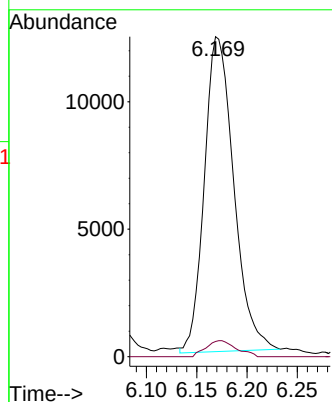
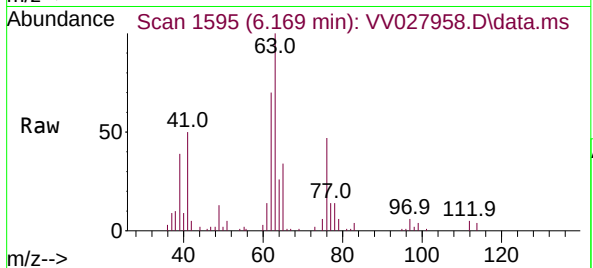
VSTD010259

Tgt Ion: 63 Resp: 25167

Ion Ratio Lower Upper

63 100

112 5.2 3.4 5.0#



#38

Bromodichloromethane

Concen: 8.905 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

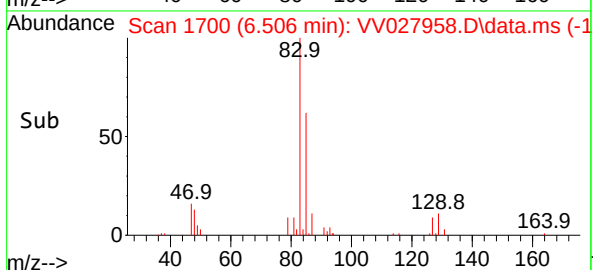
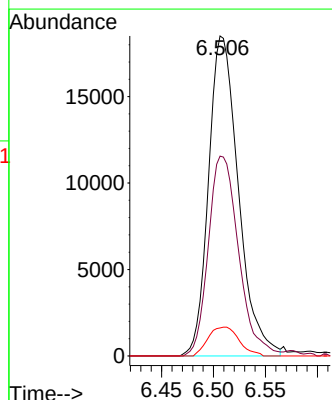
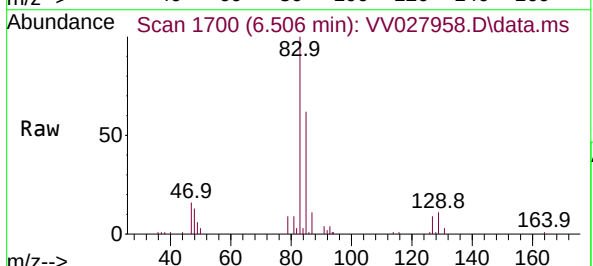
Tgt Ion: 83 Resp: 36989

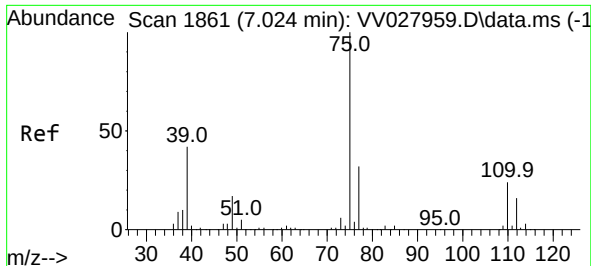
Ion Ratio Lower Upper

83 100

85 62.5 44.2 82.0

127 8.7 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 8.800 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

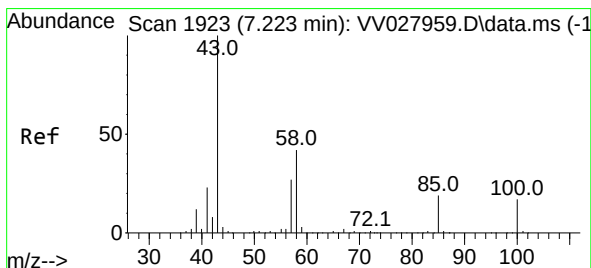
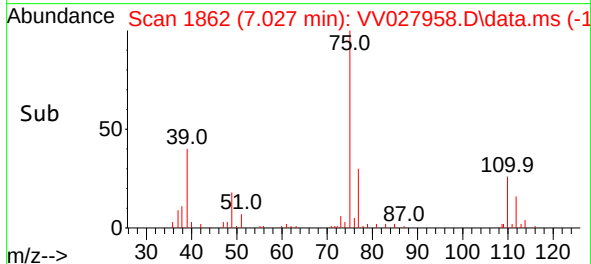
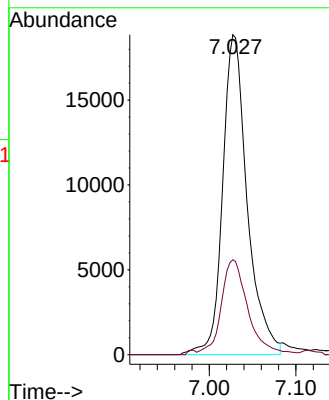
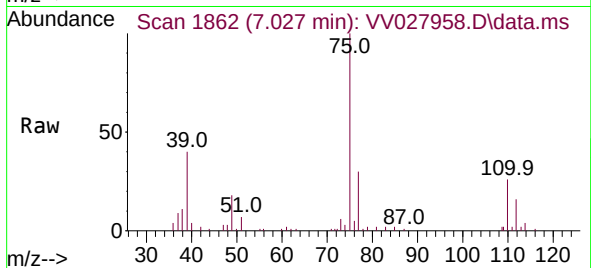
VSTD010259

Tgt Ion: 75 Resp: 37231

Ion Ratio Lower Upper

75 100

77 29.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 15.176 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

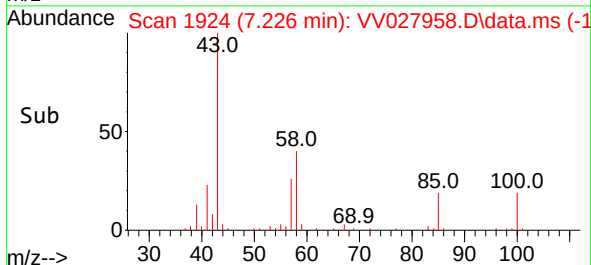
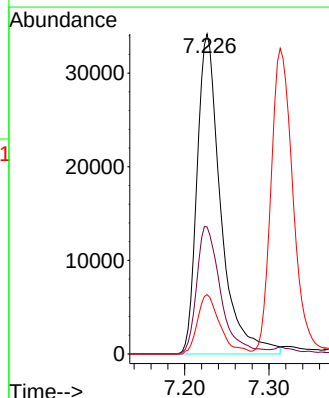
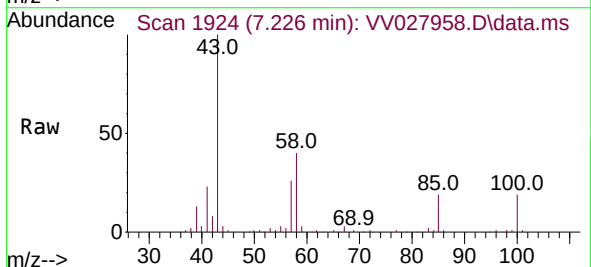
Tgt Ion: 43 Resp: 66838

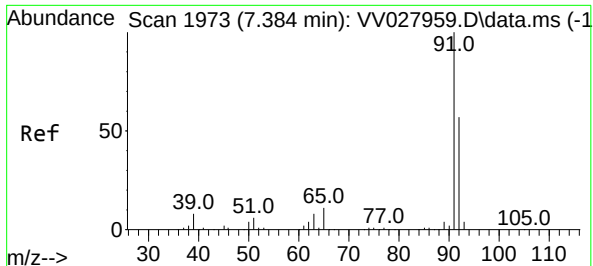
Ion Ratio Lower Upper

43 100

58 40.7 33.0 49.4

100 17.7 13.3 19.9





#42

Toluene

Concen: 9.371 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

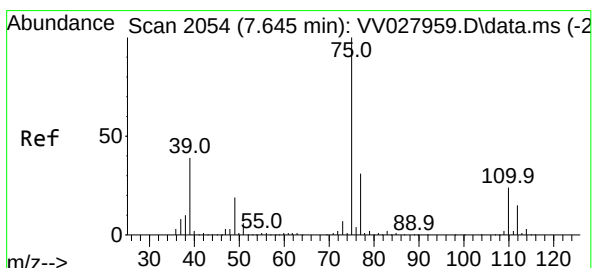
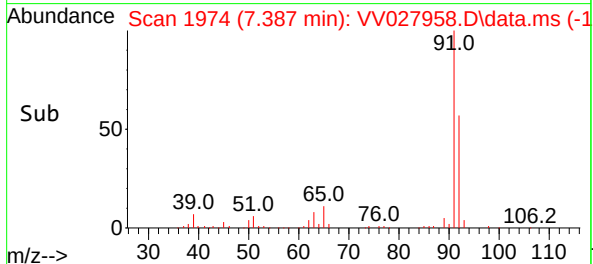
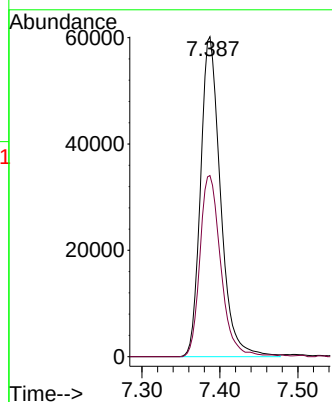
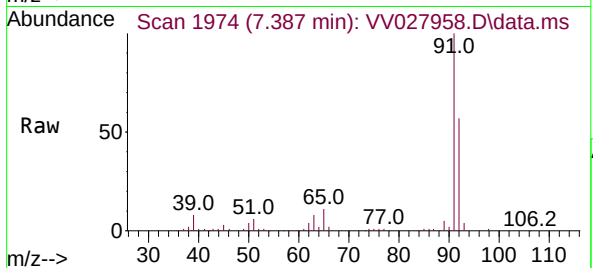
VSTD010259

Tgt Ion: 91 Resp: 107039

Ion Ratio Lower Upper

91 100

92 56.6 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 8.992 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VV027958.D

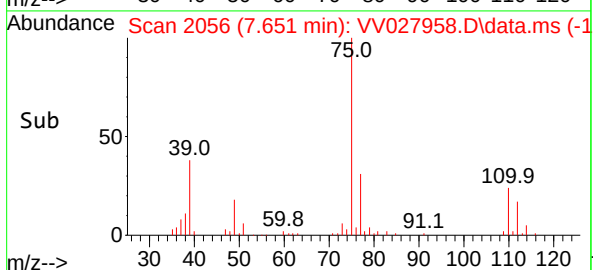
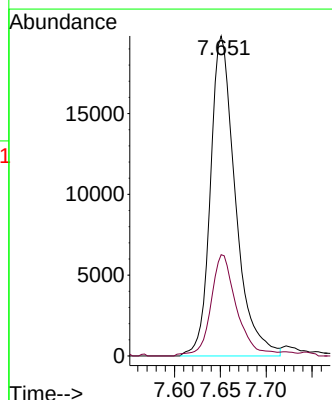
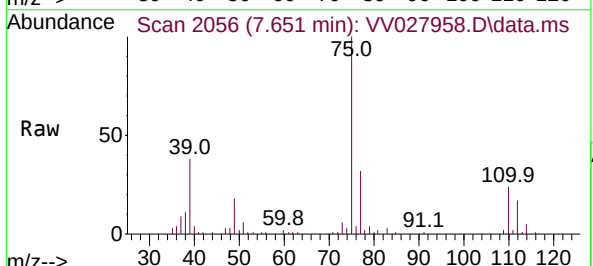
Acq: 20 Sep 2022 12:53

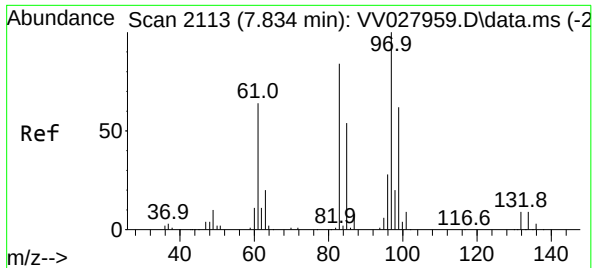
Tgt Ion: 75 Resp: 37588

Ion Ratio Lower Upper

75 100

77 31.7 21.4 39.8

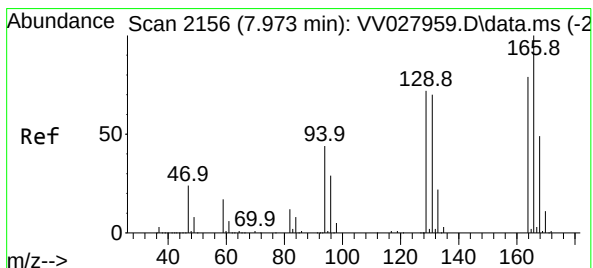
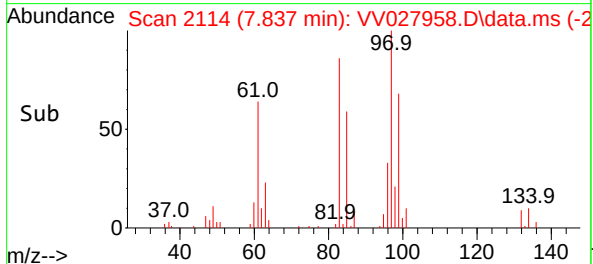
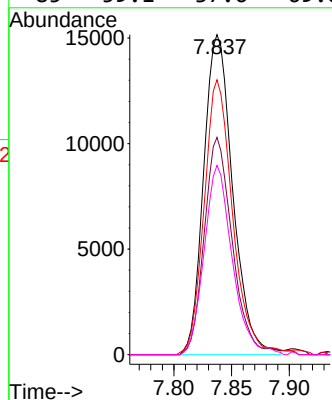
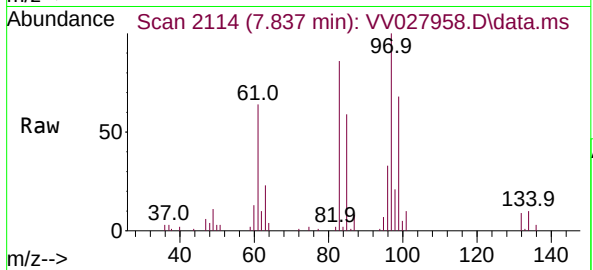




#45
1,1,2-Trichloroethane
Concen: 8.729 ug/L
RT: 7.837 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

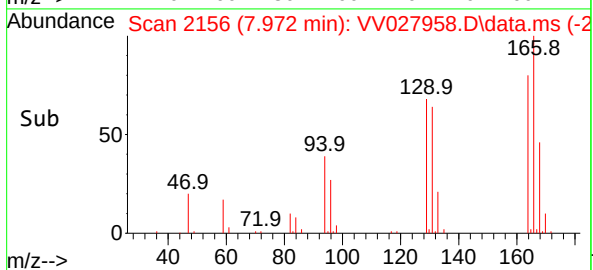
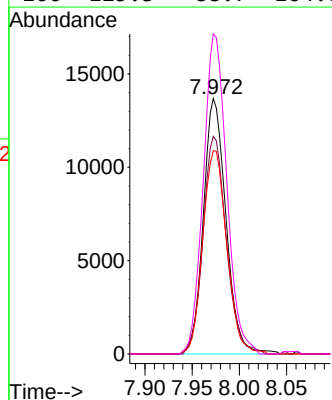
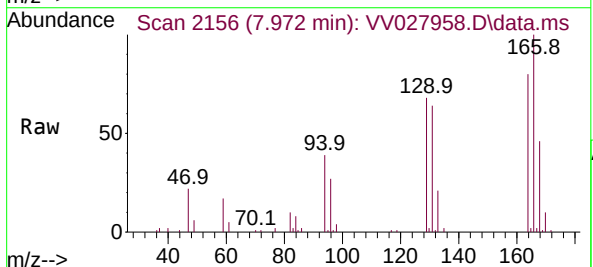
Instrument :
MSVOA_V
ClientSampleId :
VSTD010259

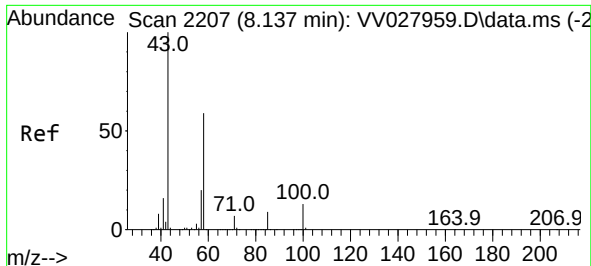
Tgt Ion:	97	Resp:	26550
Ion	Ratio	Lower	Upper
97	100		
99	67.9	43.8	81.3
83	85.9	58.7	109.1
85	59.1	37.6	69.8



#46
Tetrachloroethene
Concen: 10.610 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Tgt Ion:	164	Resp:	22782
Ion	Ratio	Lower	Upper
164	100		
129	85.2	64.3	119.3
131	79.6	62.6	116.2
166	125.3	88.7	164.7

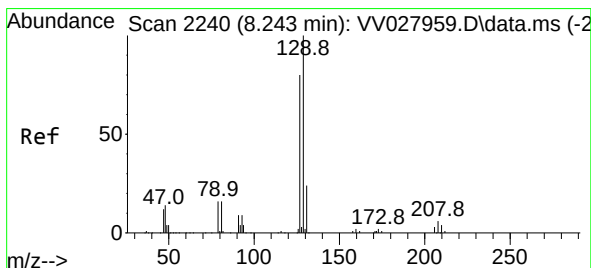
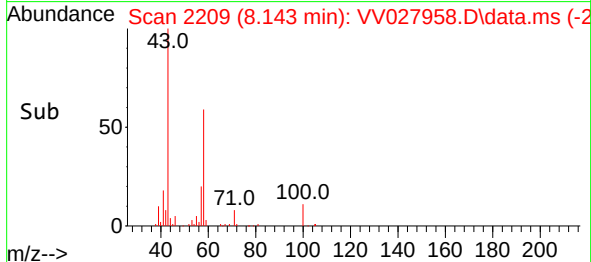
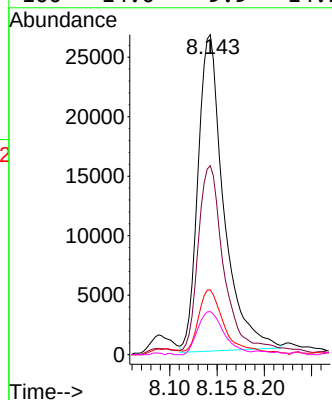
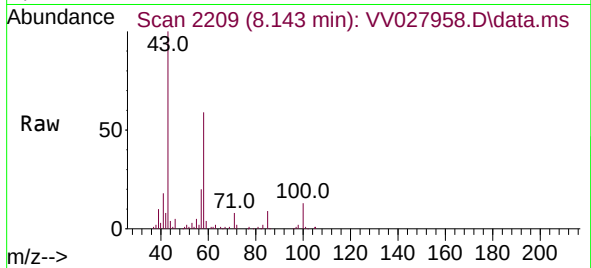




#48
2-Hexanone
Concen: 14.242 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

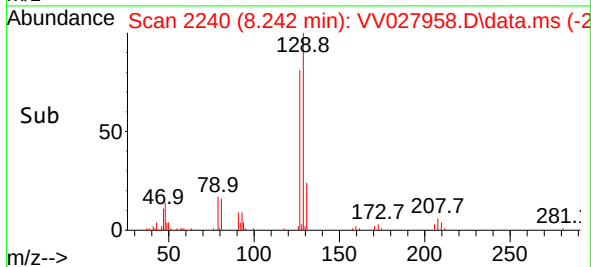
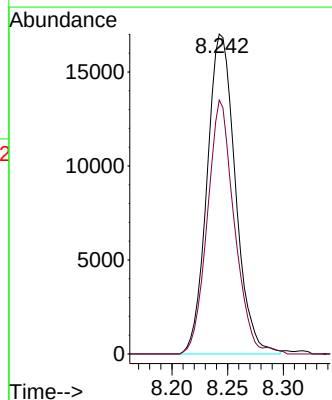
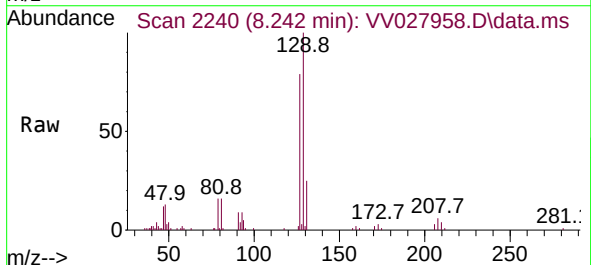
Instrument :
MSVOA_V
ClientSampleId :
VSTD010259

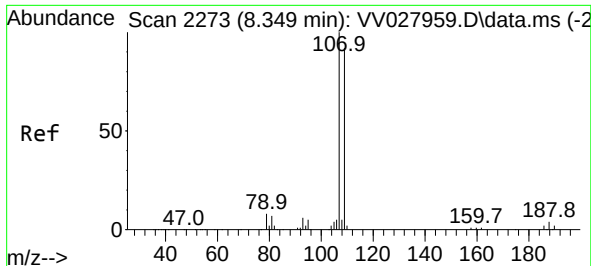
Tgt Ion: 43	Resp: 50402
Ion Ratio	Lower Upper
43 100	
58 55.6	45.6 68.4
57 19.2	15.0 22.6
100 14.0	9.9 14.9



#49
Dibromochloromethane
Concen: 9.337 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Tgt Ion:129	Resp:	30152	
Ion	Ratio	Lower	Upper
129	100		
127	79.3	56.3	104.5





#50

1,2-Dibromoethane

Concen: 8.940 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD010259

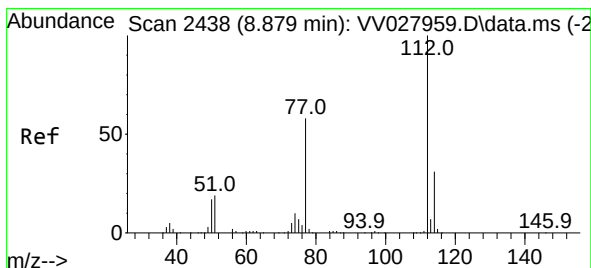
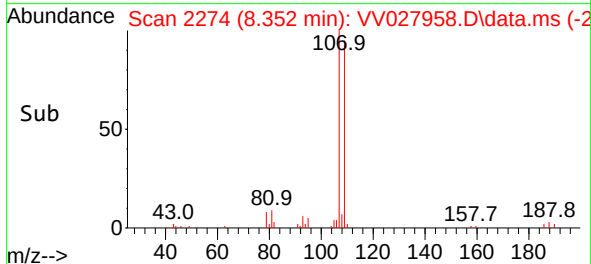
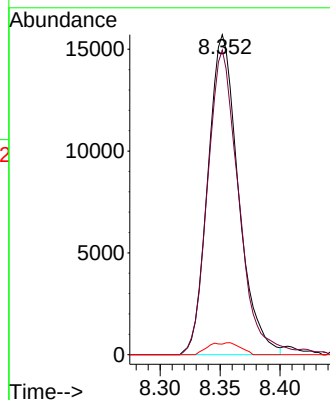
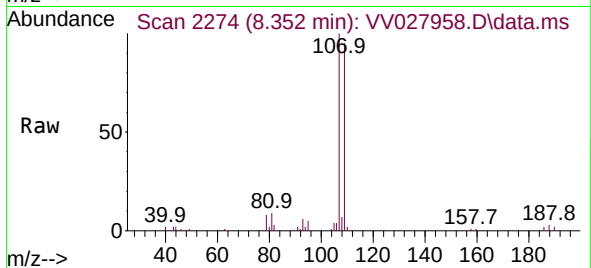
Tgt Ion:107 Resp: 27813

Ion Ratio Lower Upper

107 100

109 95.2 64.4 119.6

188 3.3 3.0 4.4



#51

Chlorobenzene

Concen: 9.617 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

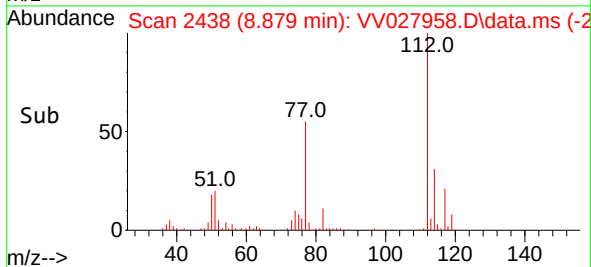
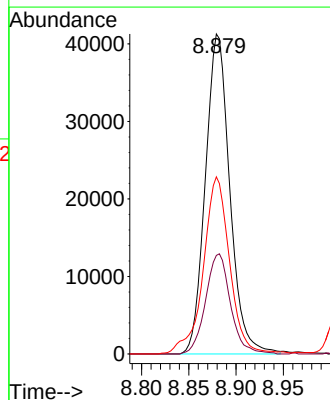
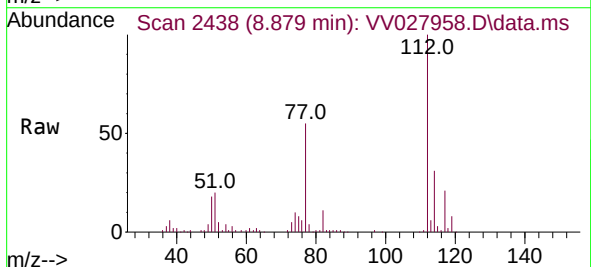
Tgt Ion:112 Resp: 74356

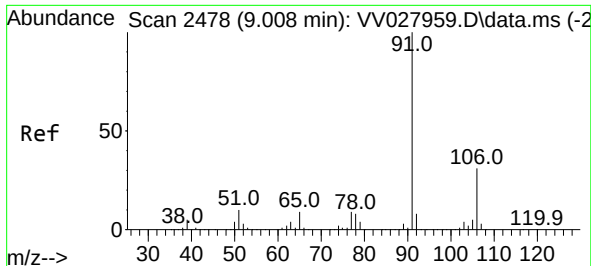
Ion Ratio Lower Upper

112 100

114 30.8 21.9 40.7

77 55.4 46.8 70.2





#52

Ethylbenzene

Concen: 9.522 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

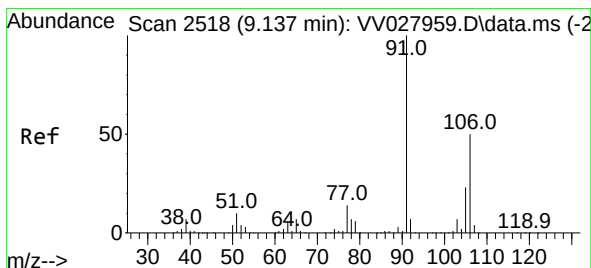
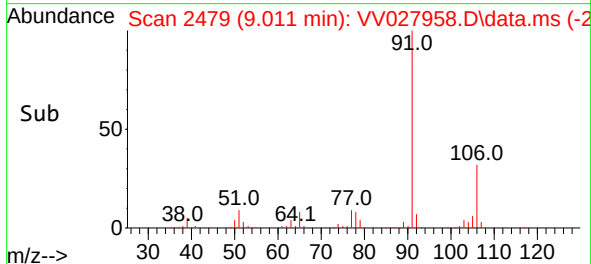
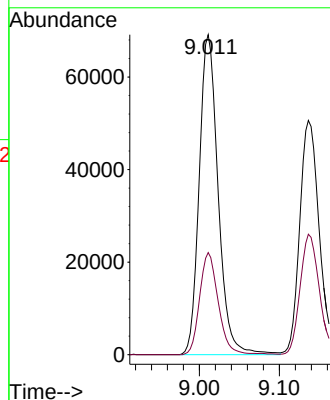
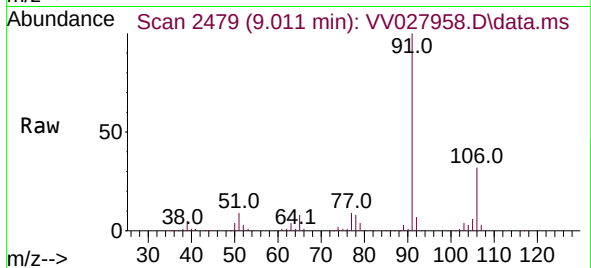
VSTD010259

Tgt Ion: 91 Resp: 114055

Ion Ratio Lower Upper

91 100

106 31.9 21.3 39.6



#53

m,p-Xylene

Concen: 9.590 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027958.D

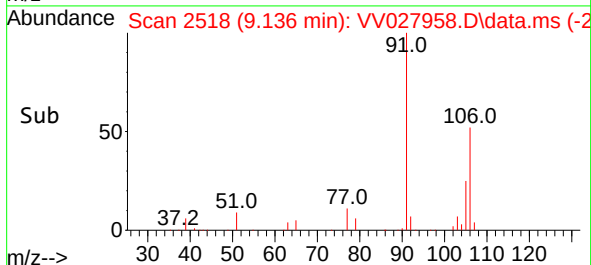
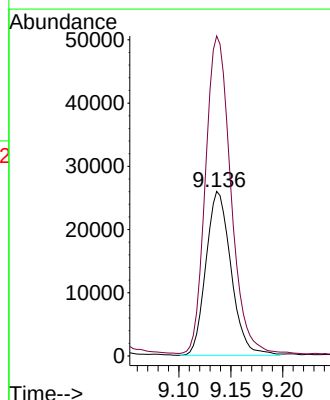
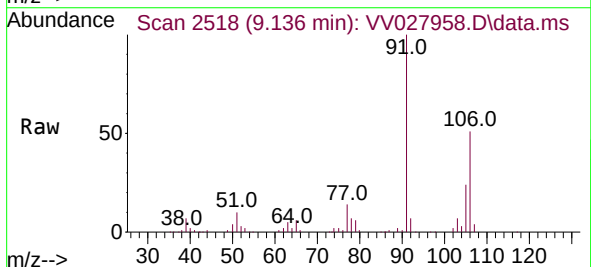
Acq: 20 Sep 2022 12:53

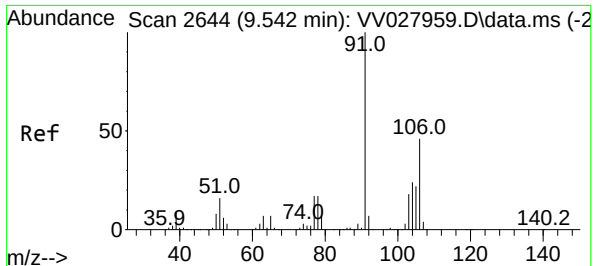
Tgt Ion:106 Resp: 43467

Ion Ratio Lower Upper

106 100

91 194.4 139.8 259.6

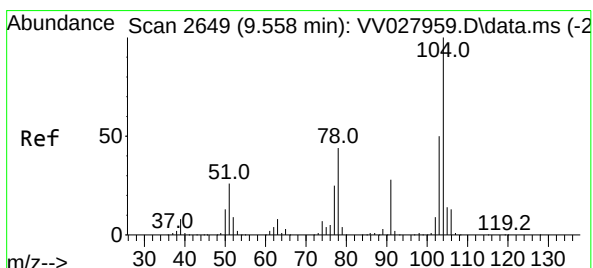
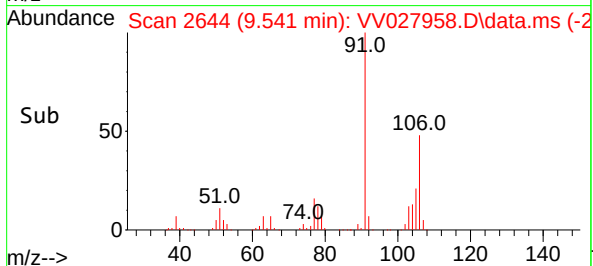
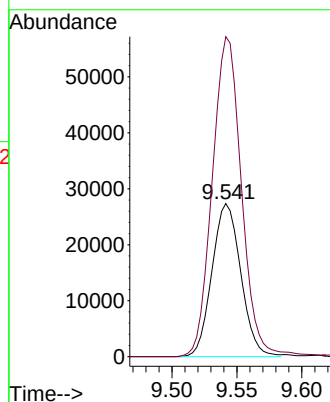
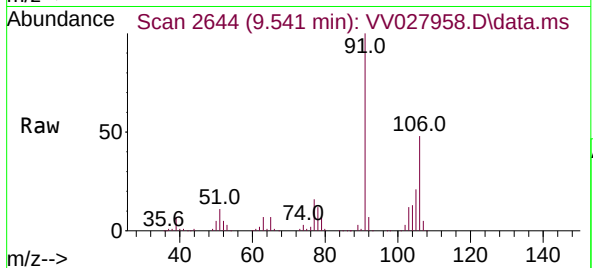




#54
o-Xylene
Concen: 9.549 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

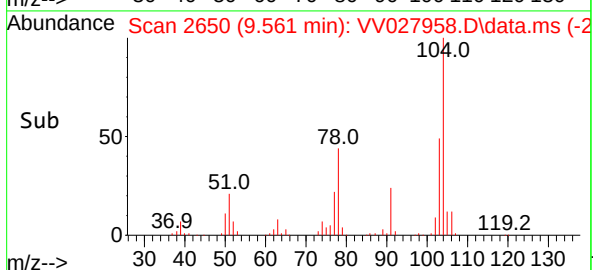
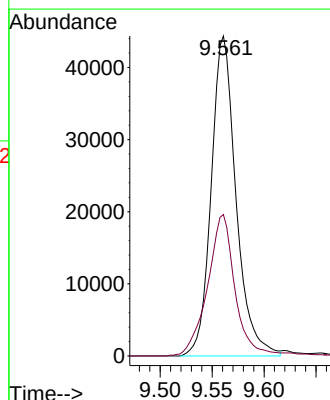
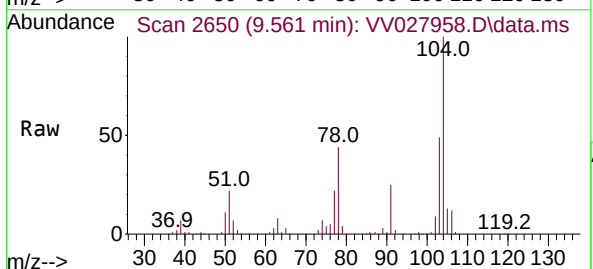
Instrument :
MSVOA_V
ClientSampleId :
VSTD010259

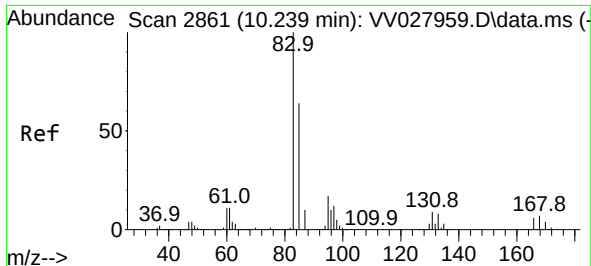
Tgt Ion:106 Resp: 42195
Ion Ratio Lower Upper
106 100
91 208.9 151.1 280.5



#55
Styrene
Concen: 9.541 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Tgt Ion:104 Resp: 73737
Ion Ratio Lower Upper
104 100
78 44.2 31.1 57.7

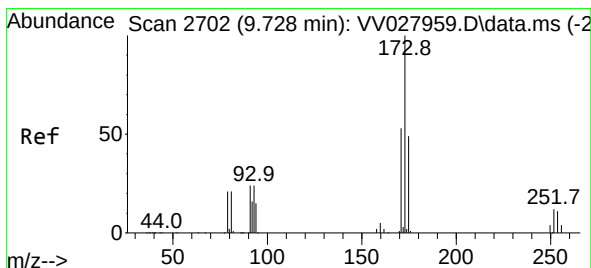
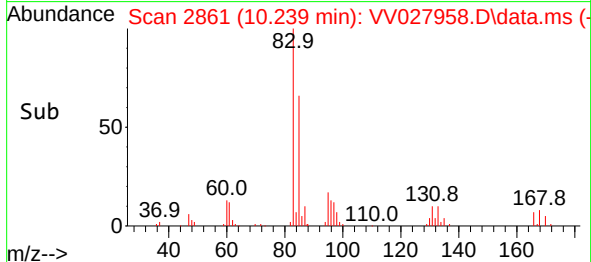
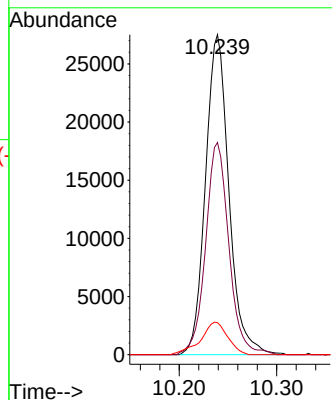
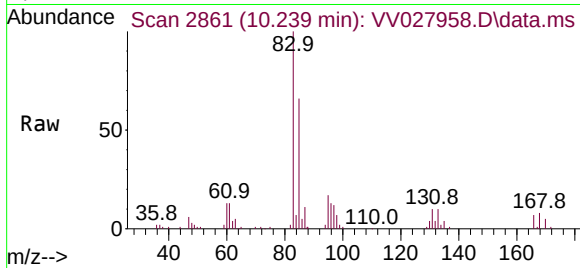




#57
 1,1,2,2-Tetrachloroethane
 Concen: 8.956 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV027958.D
 Acq: 20 Sep 2022 12:53

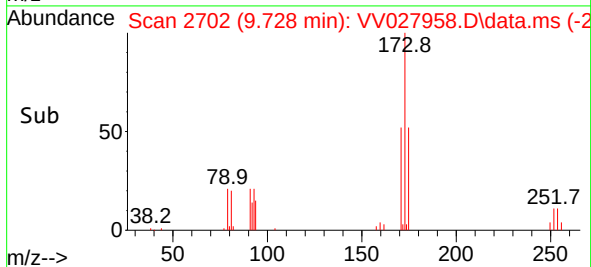
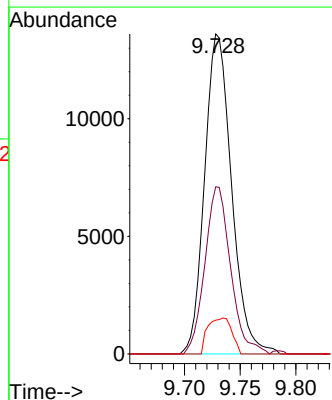
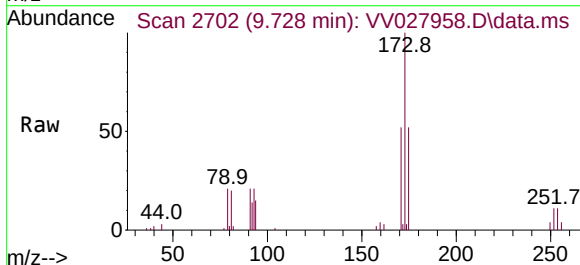
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010259

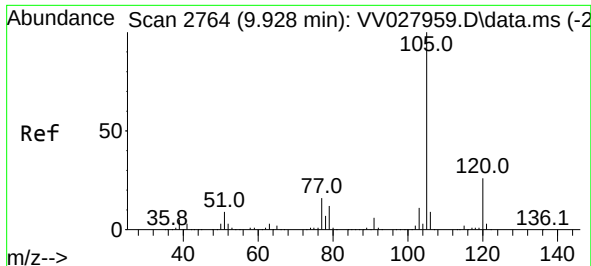
Tgt Ion: 83 Resp: 45880
 Ion Ratio Lower Upper
 83 100
 85 66.3 45.1 83.9
 131 10.0 7.7 11.5



#59
 Bromoform
 Concen: 9.666 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV027958.D
 Acq: 20 Sep 2022 12:53

Tgt Ion: 173 Resp: 22915
 Ion Ratio Lower Upper
 173 100
 175 49.9 39.7 59.5
 254 10.0 7.4 11.2

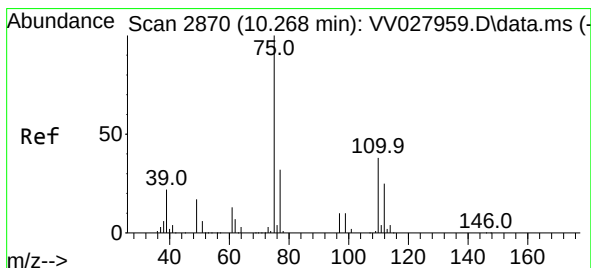
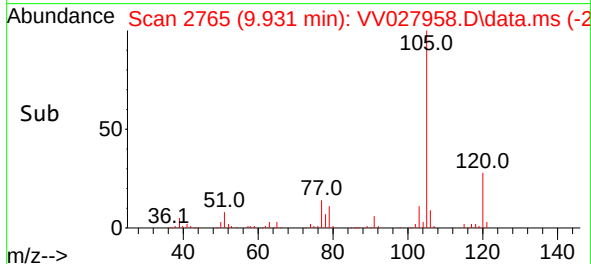
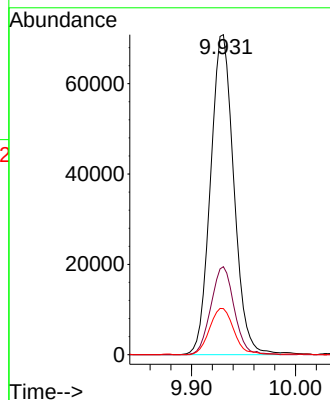
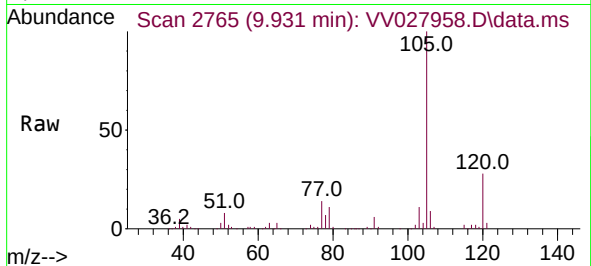




#60
Isopropylbenzene
Concen: 8.865 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

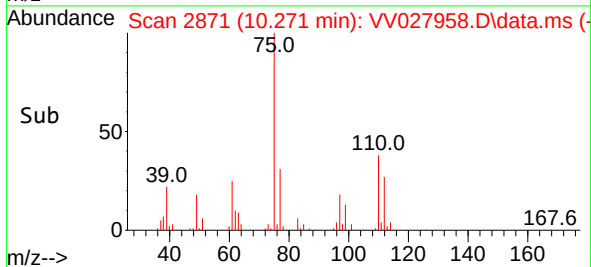
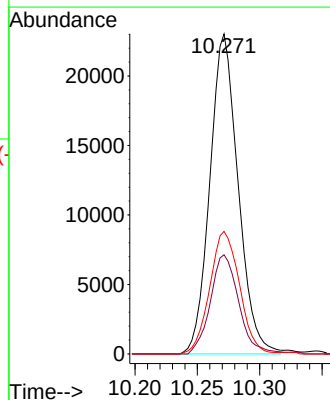
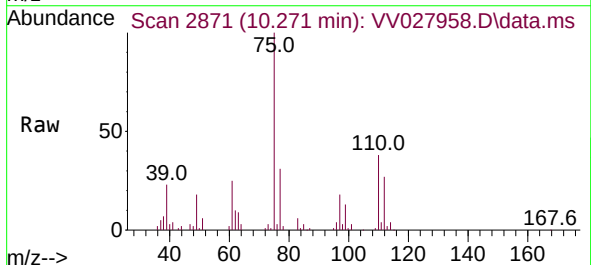
Instrument :
MSVOA_V
ClientSampleId :
VSTD010259

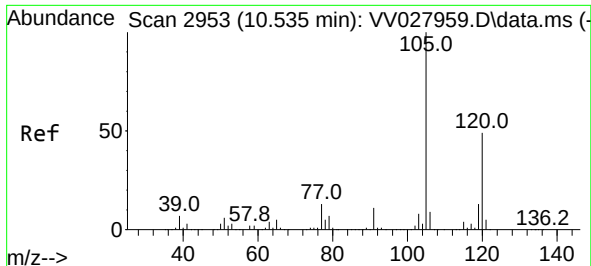
Tgt Ion:105 Resp: 110265
Ion Ratio Lower Upper
105 100
120 27.3 20.8 31.2
77 15.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 8.132 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Tgt Ion: 75 Resp: 36326
Ion Ratio Lower Upper
75 100
77 31.1 25.9 38.9
110 40.4 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 8.953 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

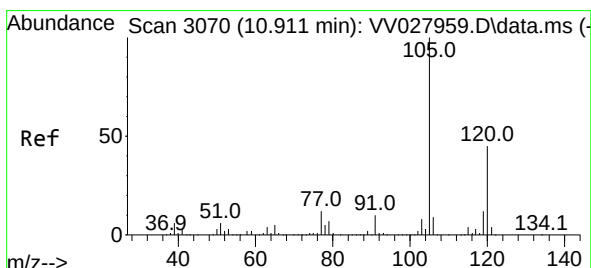
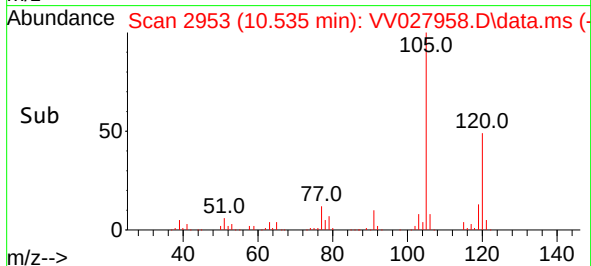
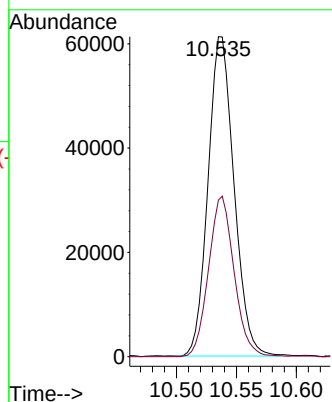
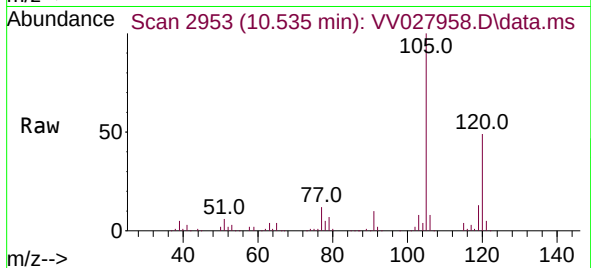
VSTD010259

Tgt Ion:105 Resp: 92303

Ion Ratio Lower Upper

105 100

120 49.5 40.2 60.2



#63

1,2,4-Trimethylbenzene

Concen: 8.821 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV027958.D

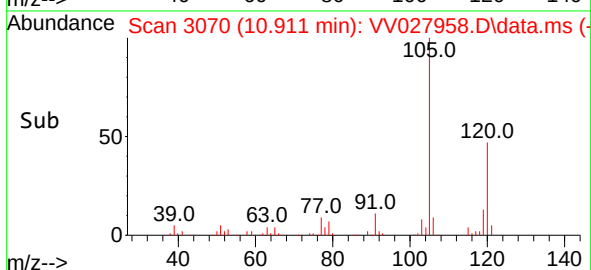
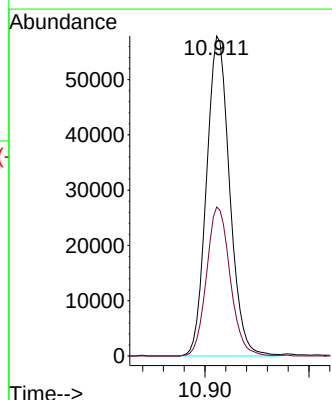
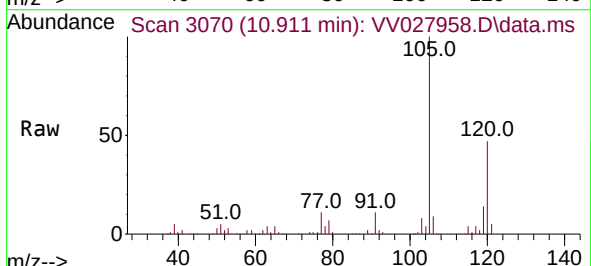
Acq: 20 Sep 2022 12:53

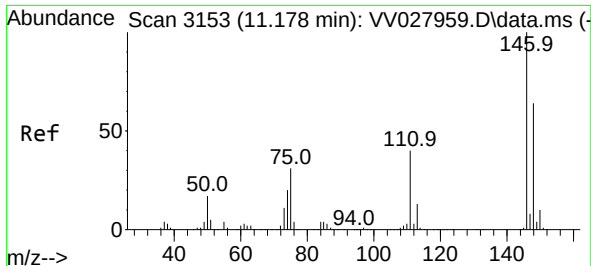
Tgt Ion:105 Resp: 89495

Ion Ratio Lower Upper

105 100

120 47.5 36.3 54.5

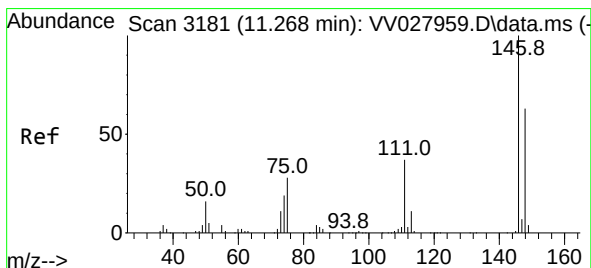
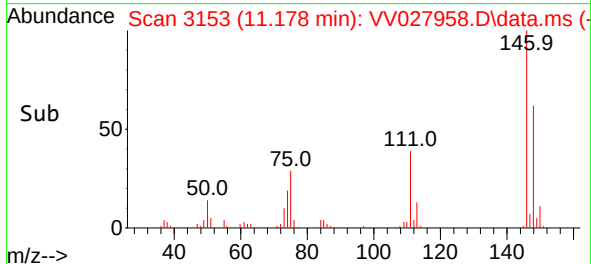
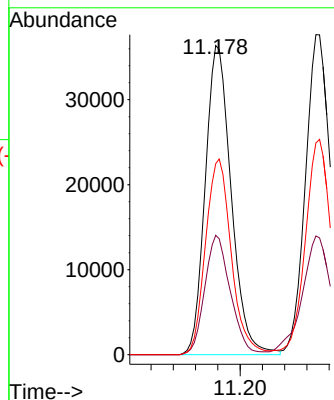
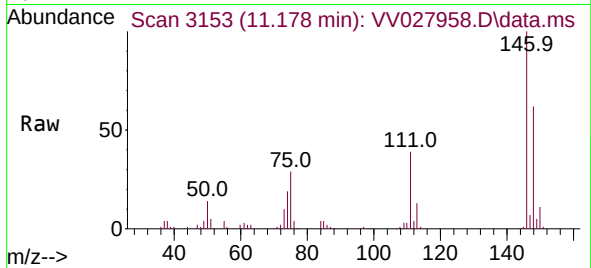




#64
1,3-Dichlorobenzene
Concen: 9.697 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

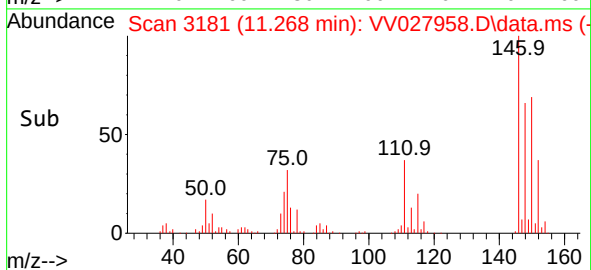
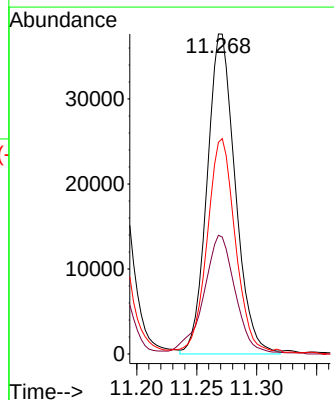
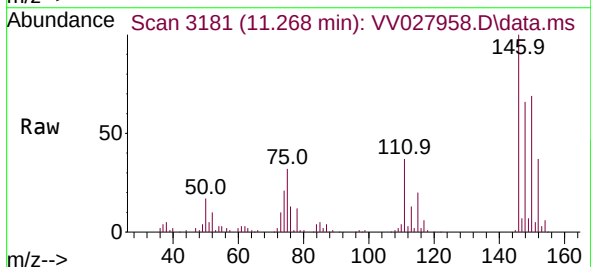
Instrument :
MSVOA_V
ClientSampleId :
VSTD010259

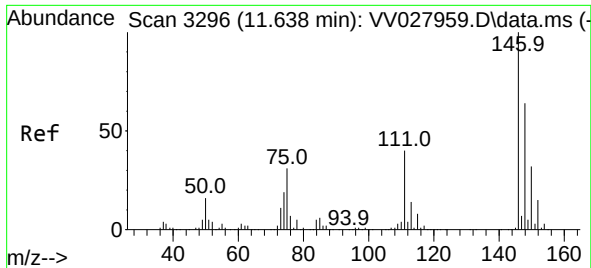
Tgt Ion:146 Resp: 58914
Ion Ratio Lower Upper
146 100
111 38.6 28.2 52.4
148 61.8 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 9.648 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Tgt Ion:146 Resp: 61472
Ion Ratio Lower Upper
146 100
111 37.1 26.0 48.2
148 66.1 43.9 81.5

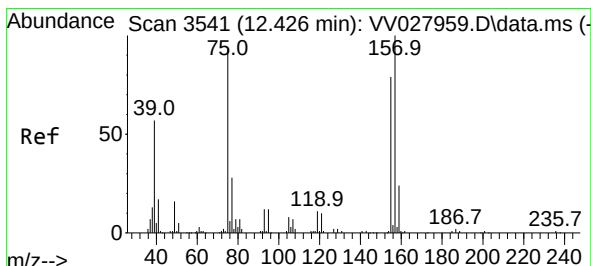
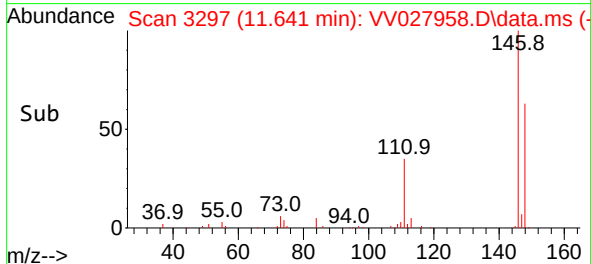
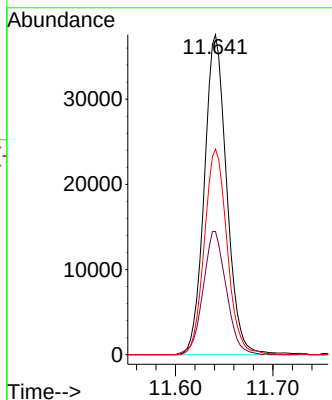
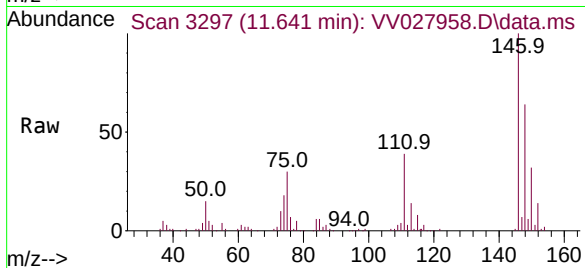




#67
1,2-Dichlorobenzene
Concen: 9.510 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

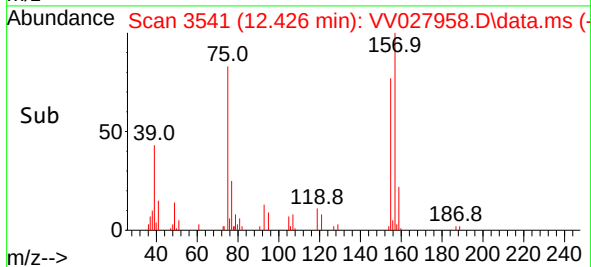
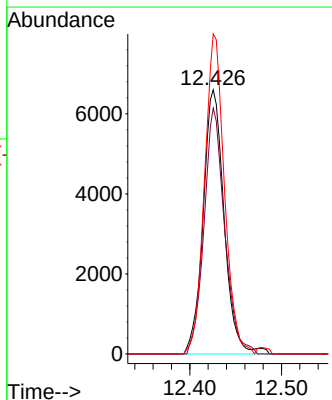
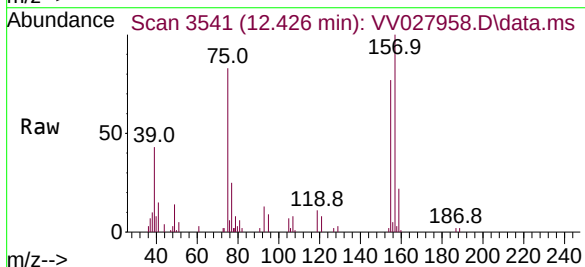
Instrument :
MSVOA_V
ClientSampleId :
VSTD010259

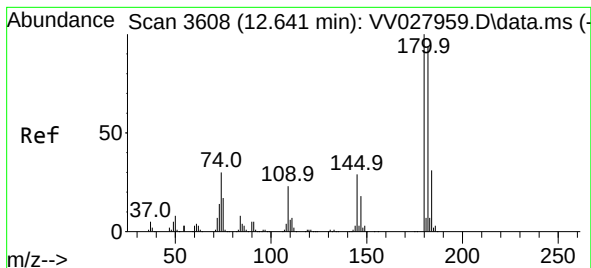
Tgt Ion:146 Resp: 59895
Ion Ratio Lower Upper
146 100
111 38.5 32.3 48.5
148 64.3 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 8.257 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Tgt Ion: 75 Resp: 10451
Ion Ratio Lower Upper
75 100
155 93.0 68.3 102.5
157 121.1 86.2 129.2





#69

1,3,5-Trichlorobenzene

Concen: 11.270 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD010259

Tgt Ion:180 Resp: 47472

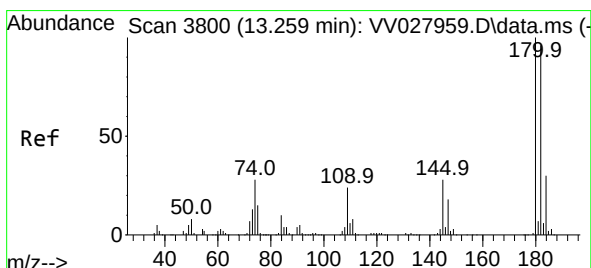
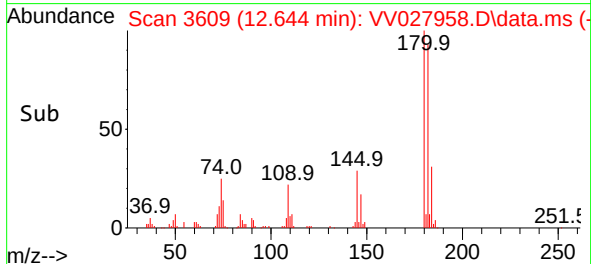
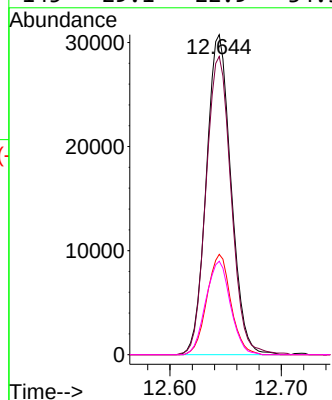
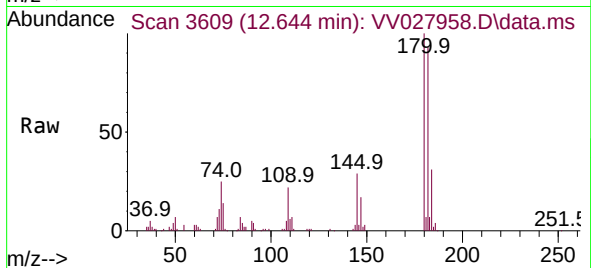
Ion Ratio Lower Upper

180 100

182 94.6 75.4 113.0

184 30.4 24.2 36.2

145 29.1 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 11.589 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027958.D

Acq: 20 Sep 2022 12:53

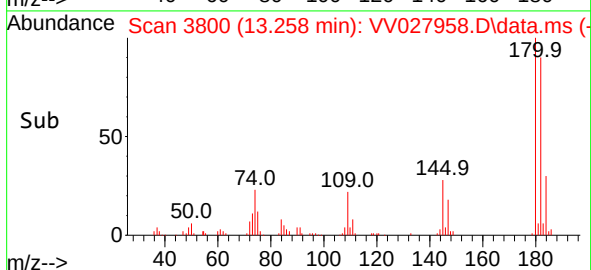
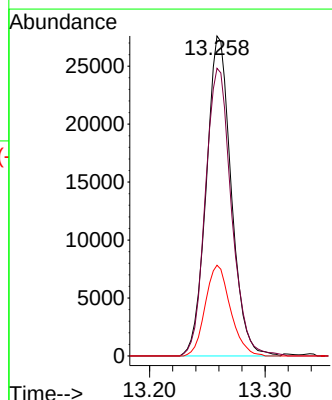
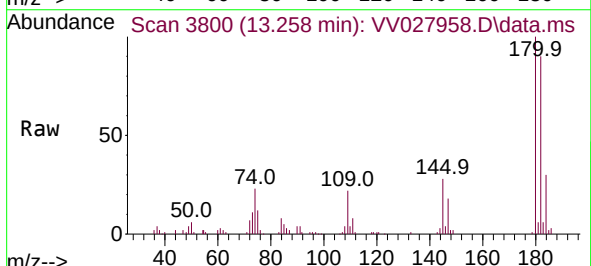
Tgt Ion:180 Resp: 41347

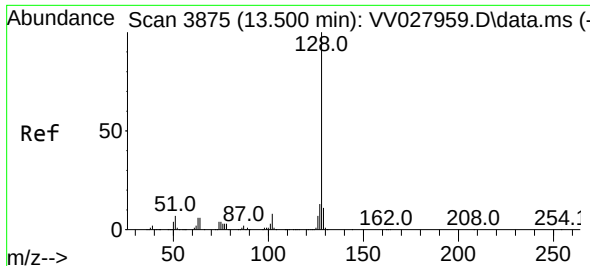
Ion Ratio Lower Upper

180 100

182 93.9 77.0 115.6

145 28.5 22.8 34.2

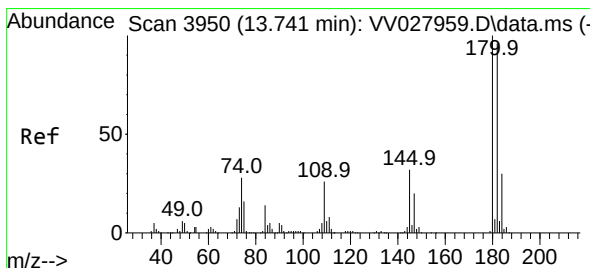
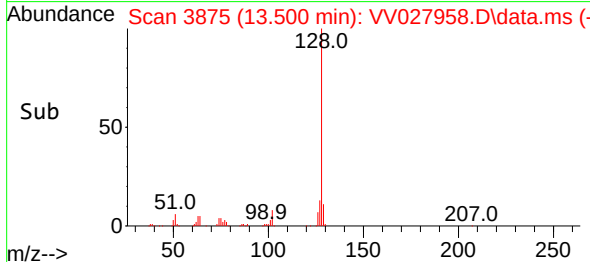
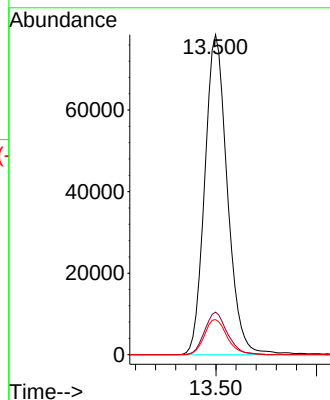
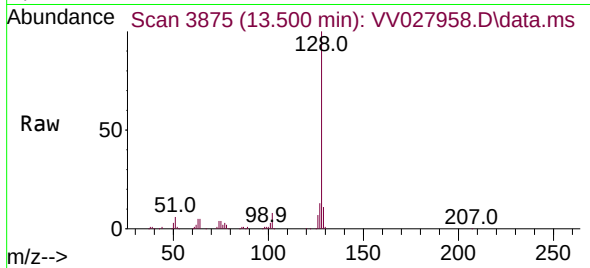




#71
Naphthalene
Concen: 10.139 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD010259

Tgt Ion:	128	Resp:	122184
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.4	15.6
129	11.0	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 11.092 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027958.D
Acq: 20 Sep 2022 12:53

Tgt Ion:	180	Resp:	42717
Ion Ratio	Lower	Upper	
180	100		
182	96.5	77.0	115.4
145	28.2	25.1	37.7

