

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070622\
 Data File : VW026659.D
 Acq On : 06 Jul 2022 09:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

Quant Time: Jul 07 01:13:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	203943	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	195935	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102016	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	66013	4.025	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.577	69	54453	4.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.118	63	122403	4.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	3.918	46	84648	51.911	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.820%
24) Chloroform-d	4.355	84	115201	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.040	65	44435	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.053	84	219375	3.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.072	67	63744	4.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.317	98	205388	4.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.625	79	18190	4.547	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.092	63	61407	40.301	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44608	4.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	63853	3.782	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	67097	4.321	ug/L	99
3) Chloromethane	1.253	50	72072	4.244	ug/L	98
5) Vinyl chloride	1.320	62	80296	4.440	ug/L	98
6) Bromomethane	1.532	94	42393	4.331	ug/L	99
8) Chloroethane	1.593	64	55456	4.509	ug/L	99
9) Trichlorofluoromethane	1.764	101	118604	4.703	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	73012	4.886	ug/L	99
12) 1,1-Dichloroethene	2.127	96	65942	4.787	ug/L	96
13) Acetone	2.208	43	66249	64.042	ug/L	93
14) Carbon disulfide	2.301	76	157643	4.338	ug/L	99
15) Methyl Acetate	2.455	43	15969	5.354	ug/L	98
16) Methylene chloride	2.516	84	74372	5.086	ug/L	92
17) Methyl tert-butyl Ether	2.783	73	111362	4.960	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	64281	4.574	ug/L	95
19) 1,1-Dichloroethane	3.198	63	121233	4.804	ug/L	98
21) 2-Butanone	3.998	43	98911	63.559	ug/L #	67
22) cis-1,2-Dichloroethene	3.921	96	66352	4.755	ug/L	98
23) Bromochloromethane	4.256	128	30985	5.391	ug/L	90
25) Chloroform	4.381	83	131466	4.870	ug/L	100

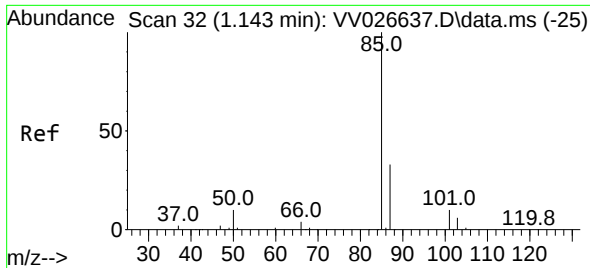
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 Data File : VW026659.D
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD005343

Quant Time: Jul 07 01:13:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	60206	5.011	ug/L	96
29) 1,1,1-Trichloroethane	4.613	97	114648	4.755	ug/L	98
30) Cyclohexane	4.683	56	76889	4.028	ug/L	99
31) Carbon tetrachloride	4.831	117	97902	4.841	ug/L	100
33) Benzene	5.105	78	267930	4.683	ug/L	100
34) Trichloroethene	5.915	95	67441	4.484	ug/L	97
35) Methylcyclohexane	6.133	83	91111	4.095	ug/L	100
37) 1,2-Dichloropropane	6.175	63	66295	4.808	ug/L	100
38) Bromodichloromethane	6.513	83	81364	4.999	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	69636	5.025	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	253922	54.519	ug/L	98
42) Toluene	7.387	91	286904	4.858	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	57193	5.548	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	46179	5.311	ug/L	99
47) Tetrachloroethene	7.976	164	55156	4.606	ug/L	99
48) 2-Hexanone	8.140	43	182237	56.209	ug/L	97
49) Dibromochloromethane	8.246	129	49660	5.640	ug/L	98
50) 1,2-Dibromoethane	8.352	107	39785	5.146	ug/L	99
51) Chlorobenzene	8.879	112	183284	4.738	ug/L	96
52) Ethylbenzene	9.011	91	273028	4.470	ug/L	100
53) m,p-Xylene	9.137	106	109988	4.616	ug/L	94
54) o-Xylene	9.542	106	103064	4.608	ug/L	97
55) Styrene	9.561	104	185921	5.019	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	51581	5.312	ug/L	99
59) Bromoform	9.731	173	22037	5.862	ug/L	99
60) Isopropylbenzene	9.931	105	276033	4.387	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	34440	5.214	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	211032	4.243	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	210885	4.300	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	145848	4.766	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	144518	4.756	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	127142	4.883	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5791	4.888	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	102726	4.668	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	73426	4.726	ug/L	100
71) Naphthalene	13.500	128	96460	4.758	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	61308	4.821	ug/L	99

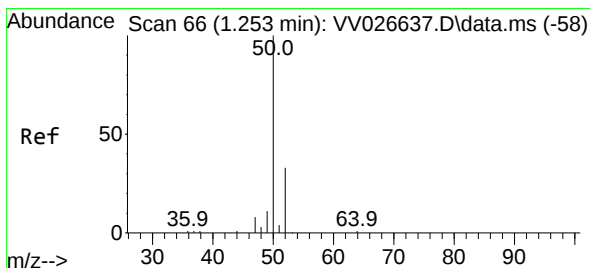
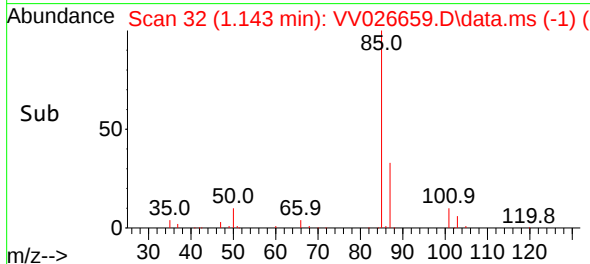
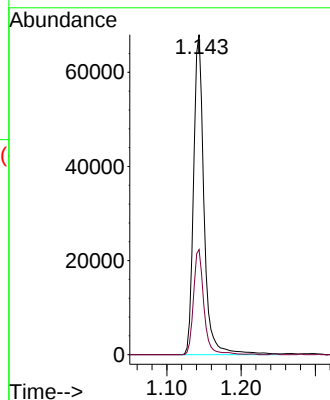
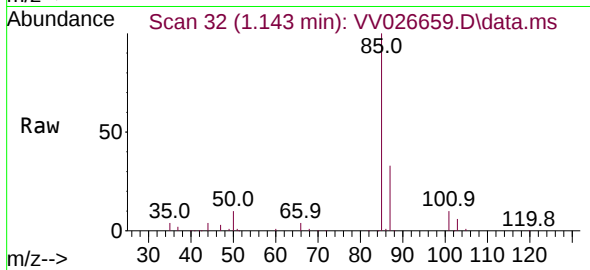
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.321 ug/L
RT: 1.143 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

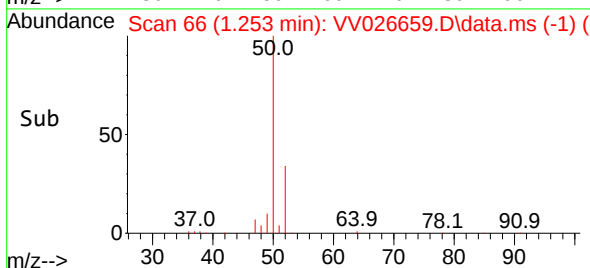
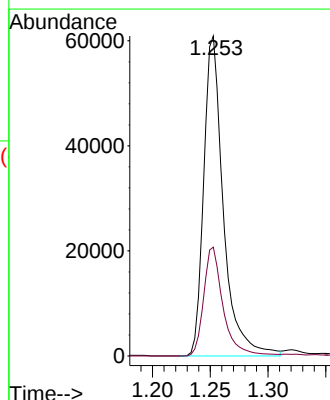
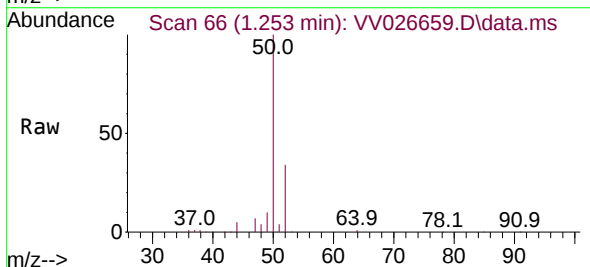
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

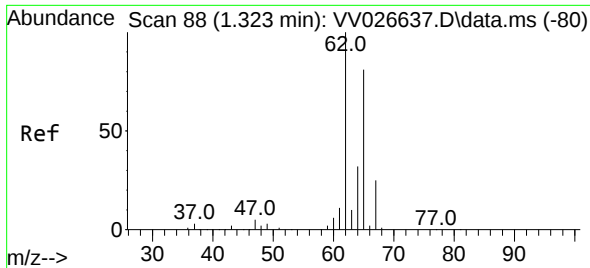
Tgt Ion: 85 Resp: 67097
Ion Ratio Lower Upper
85 100
87 32.5 25.6 38.4



#3
Chloromethane
Concen: 4.244 ug/L
RT: 1.253 min Scan# 66
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Tgt Ion: 50 Resp: 72072
Ion Ratio Lower Upper
50 100
52 34.0 23.0 42.6

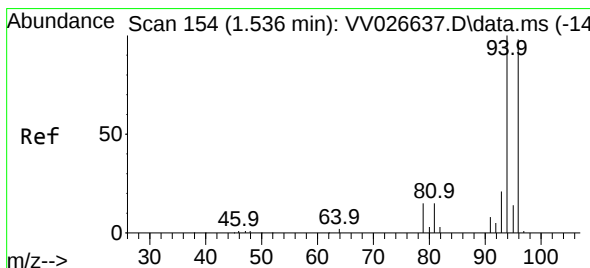
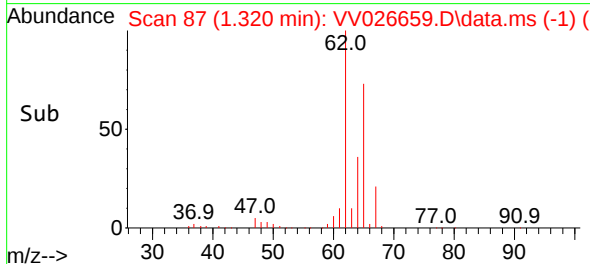
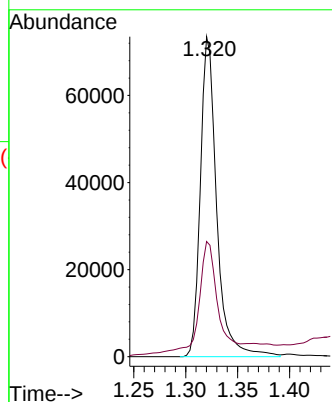
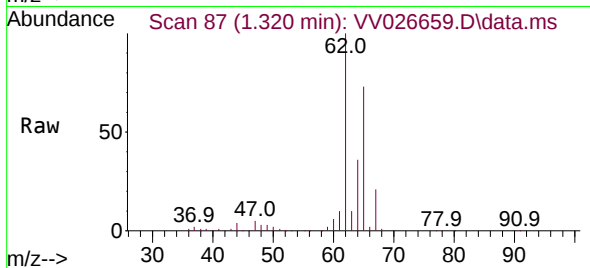




#5
 Vinyl chloride
 Concen: 4.440 ug/L
 RT: 1.320 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV026659.D
 Acq: 06 Jul 2022 09:52

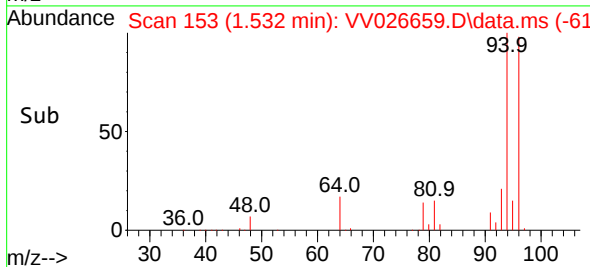
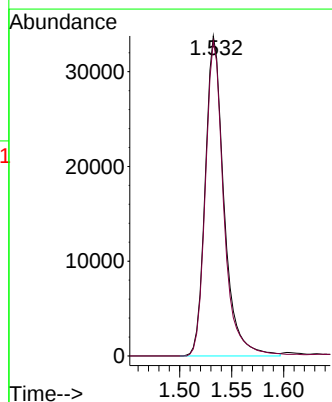
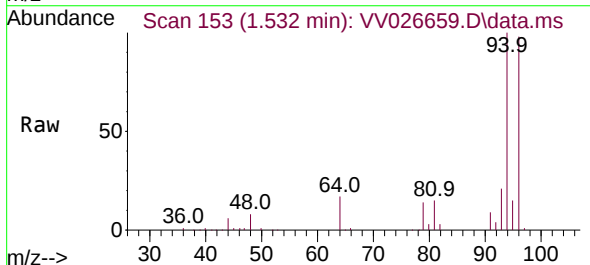
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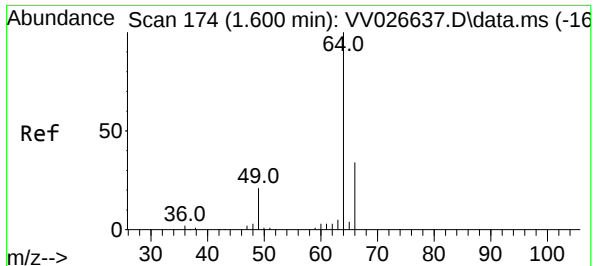
Tgt Ion: 62 Resp: 80296
 Ion Ratio Lower Upper
 62 100
 64 36.0 26.2 48.6



#6
 Bromomethane
 Concen: 4.331 ug/L
 RT: 1.532 min Scan# 153
 Delta R.T. -0.003 min
 Lab File: VV026659.D
 Acq: 06 Jul 2022 09:52

Tgt Ion: 94 Resp: 42393
 Ion Ratio Lower Upper
 94 100
 96 98.3 68.0 126.2

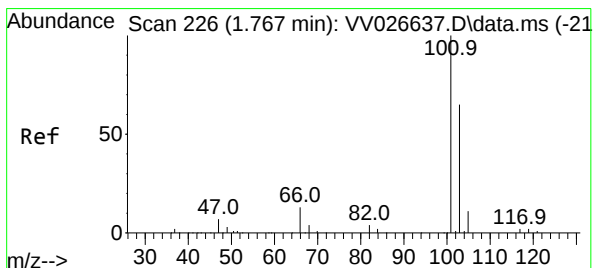
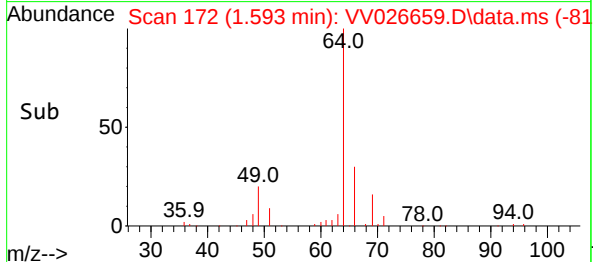
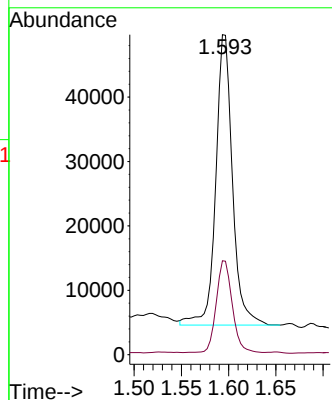
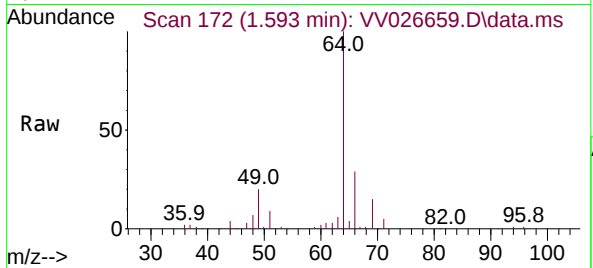




#8
Chloroethane
Concen: 4.509 ug/L
RT: 1.593 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

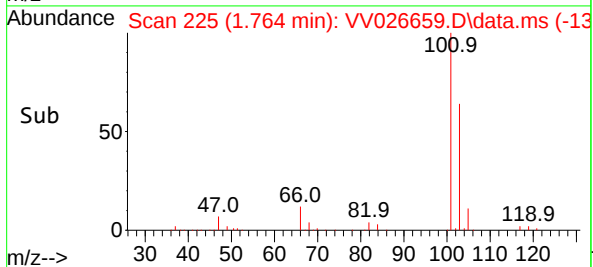
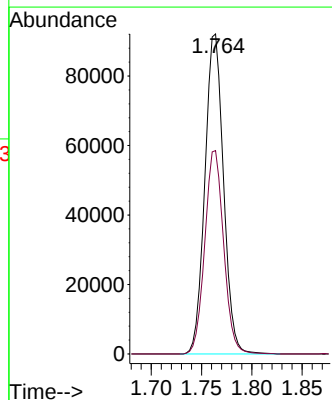
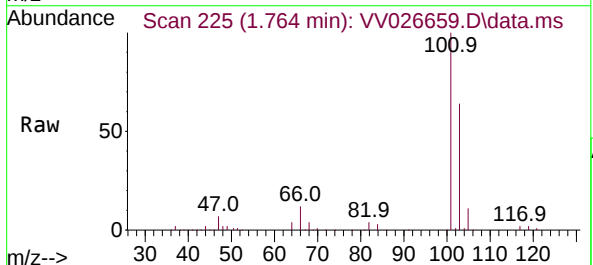
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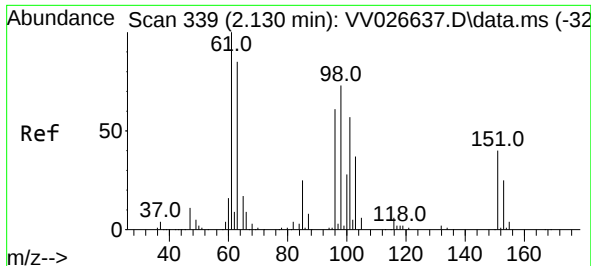
Tgt Ion: 64 Resp: 55456
Ion Ratio Lower Upper
64 100
66 29.4 20.0 37.2



#9
Trichlorofluoromethane
Concen: 4.703 ug/L
RT: 1.764 min Scan# 225
Delta R.T. -0.003 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Tgt Ion:101 Resp: 118604
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4

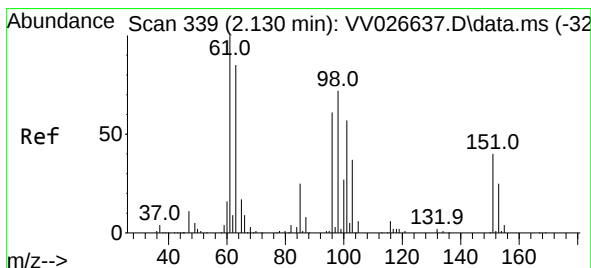
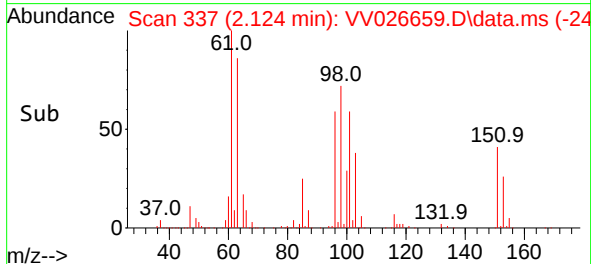
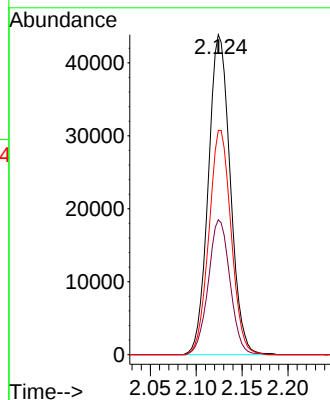
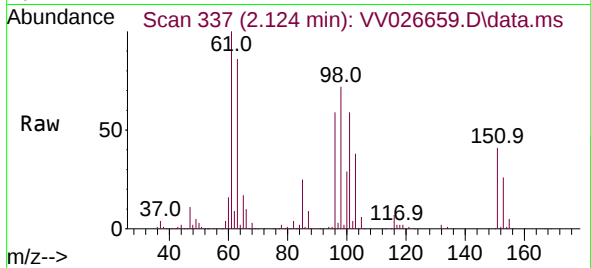




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.886 ug/L
RT: 2.124 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

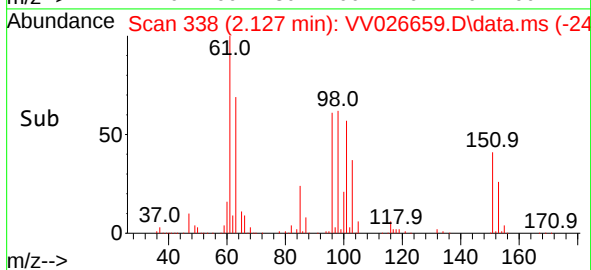
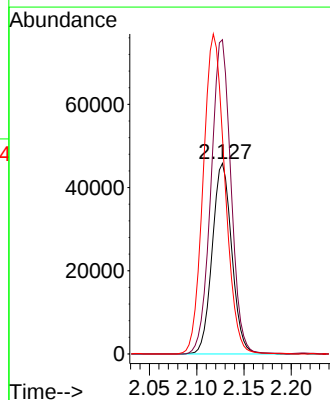
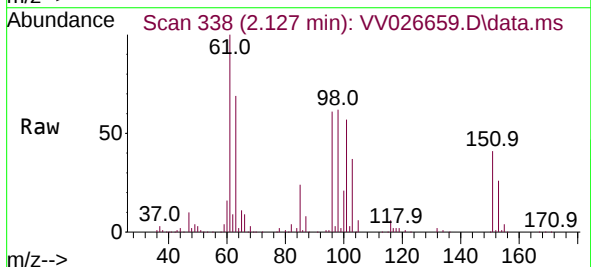
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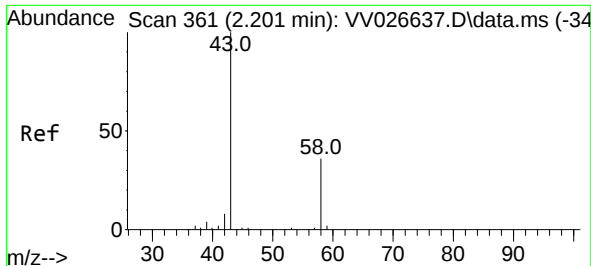
Tgt Ion:101 Resp: 73012
Ion Ratio Lower Upper
101 100
85 41.8 34.2 51.4
151 70.9 56.8 85.2



#12
1,1-Dichloroethene
Concen: 4.787 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.003 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Tgt Ion: 96 Resp: 65942
Ion Ratio Lower Upper
96 100
61 164.9 115.4 214.4
63 114.2 87.4 162.2





#13

Acetone

Concen: 64.042 ug/L

RT: 2.208 min Scan# 30

Delta R.T. 0.006 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

Instrument :

MSVOA_V

ClientSampleId :

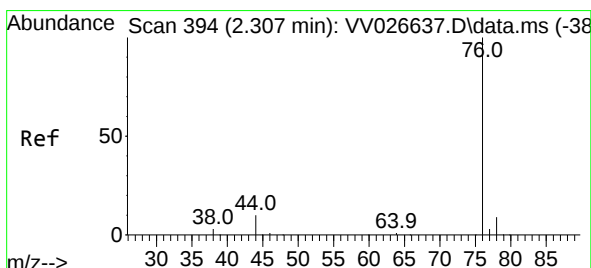
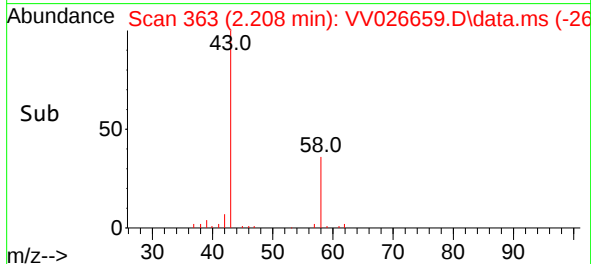
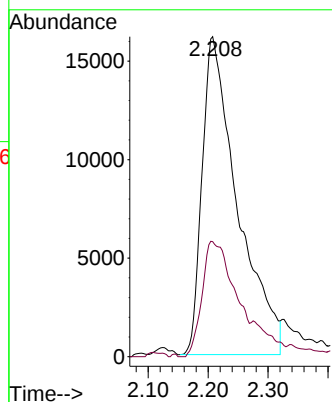
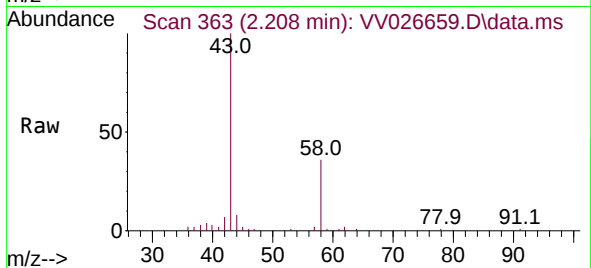
VSTD005343

Tgt Ion: 43 Resp: 66249

Ion Ratio Lower Upper

43 100

58 33.3 0.0 75.0



#14

Carbon disulfide

Concen: 4.338 ug/L

RT: 2.301 min Scan# 392

Delta R.T. -0.006 min

Lab File: VV026659.D

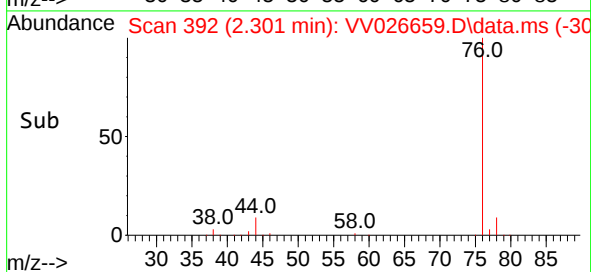
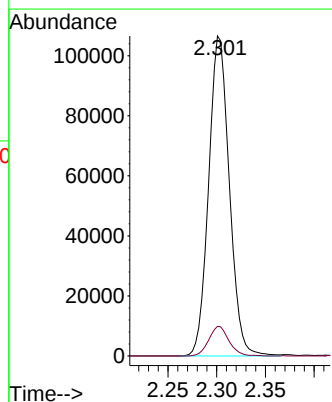
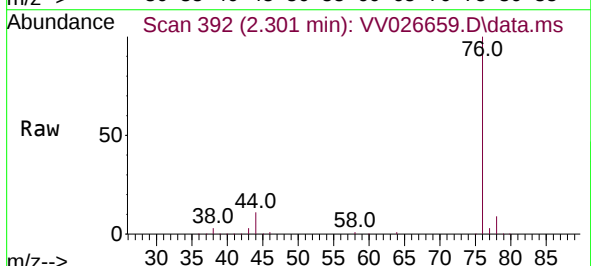
Acq: 06 Jul 2022 09:52

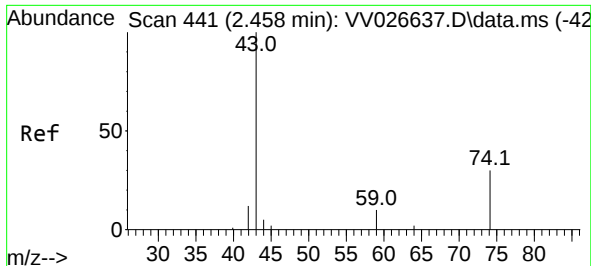
Tgt Ion: 76 Resp: 157643

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6

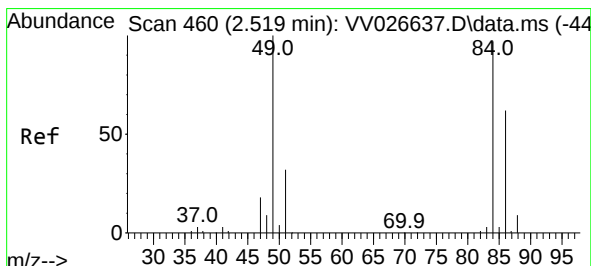
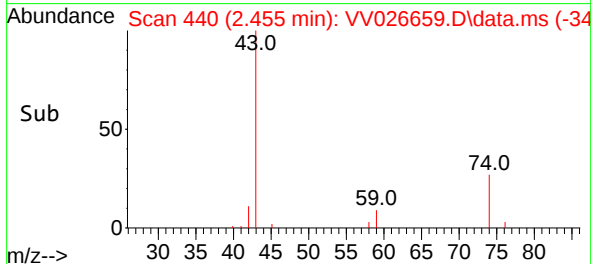
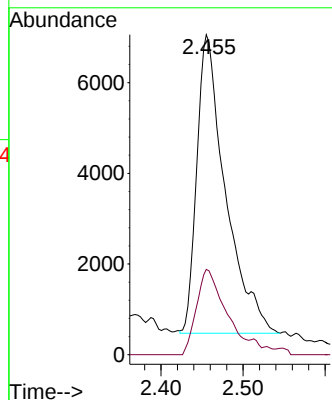
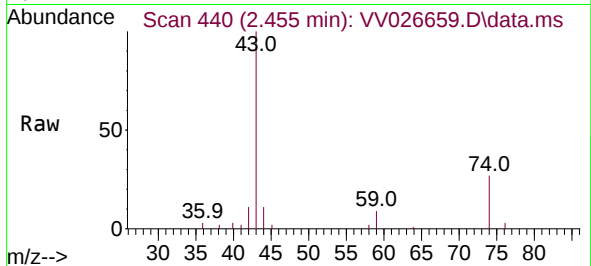




#15
Methyl Acetate
Concen: 5.354 ug/L
RT: 2.455 min Scan# 441
Delta R.T. -0.003 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

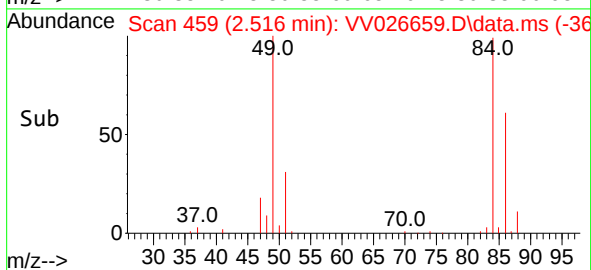
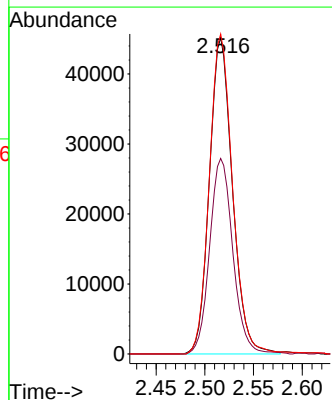
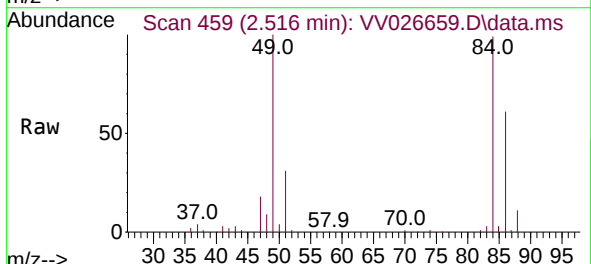
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

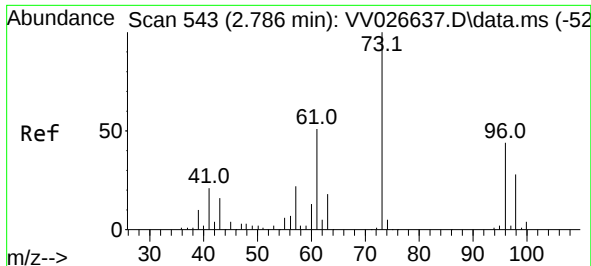
Tgt Ion: 43 Resp: 15969
Ion Ratio Lower Upper
43 100
74 28.8 22.1 33.1



#16
Methylene chloride
Concen: 5.086 ug/L
RT: 2.516 min Scan# 459
Delta R.T. -0.003 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Tgt Ion: 84 Resp: 74372
Ion Ratio Lower Upper
84 100
86 61.8 46.0 85.4
49 101.2 77.7 144.3

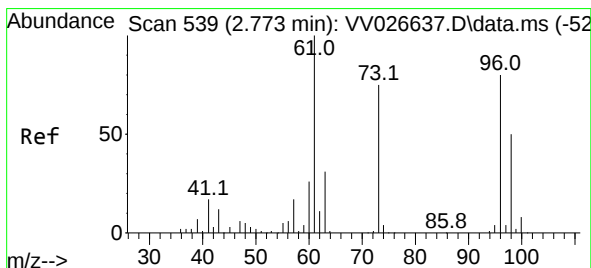
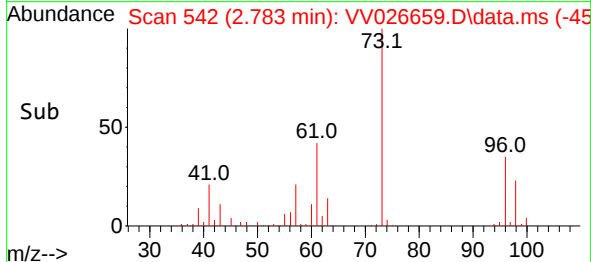
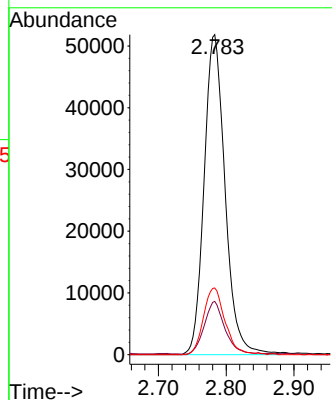
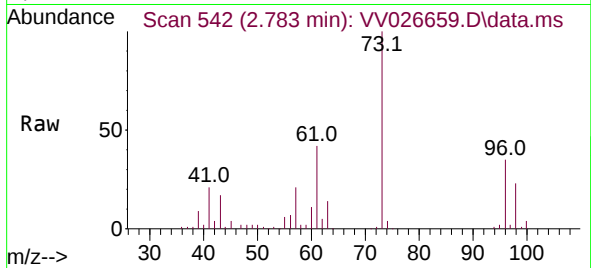




#17
Methyl tert-butyl Ether
Concen: 4.960 ug/L
RT: 2.783 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

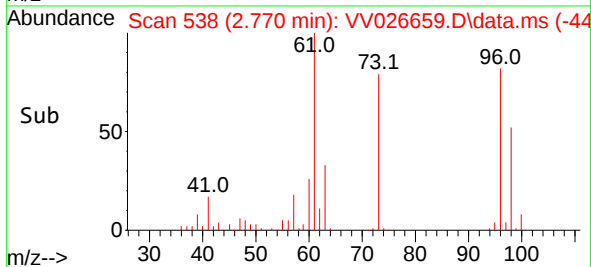
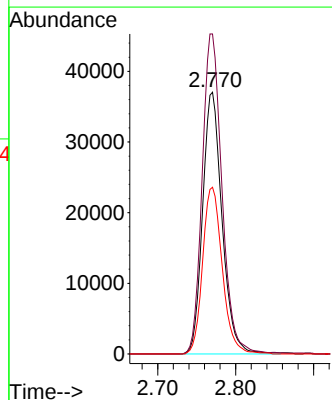
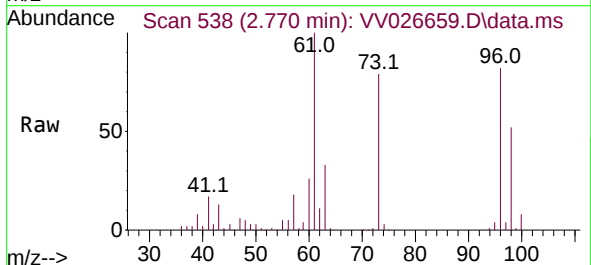
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

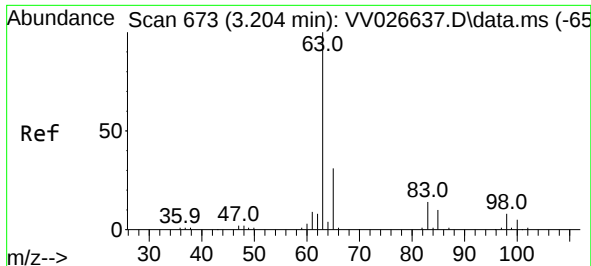
Tgt Ion: 73 Resp: 111362
Ion Ratio Lower Upper
73 100
43 16.0 13.3 19.9
57 21.3 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.574 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Tgt Ion: 96 Resp: 64281
Ion Ratio Lower Upper
96 100
61 122.3 90.4 167.8
98 63.7 45.6 84.8





#19

1,1-Dichloroethane

Concen: 4.804 ug/L

RT: 3.198 min Scan# 61

Delta R.T. -0.006 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

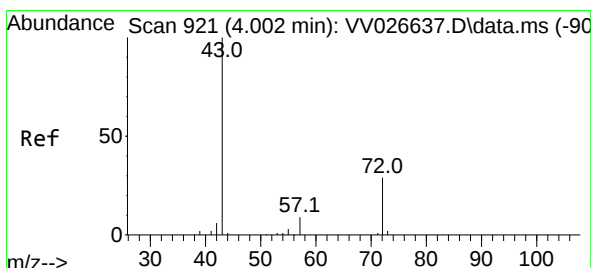
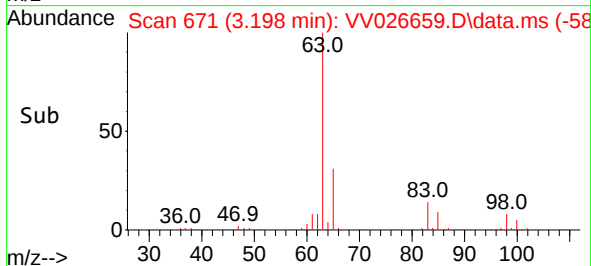
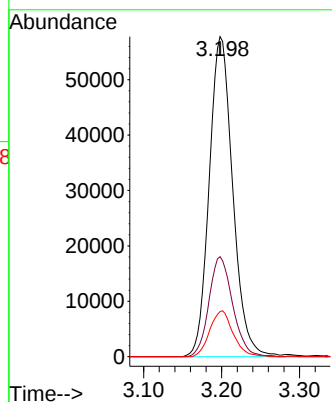
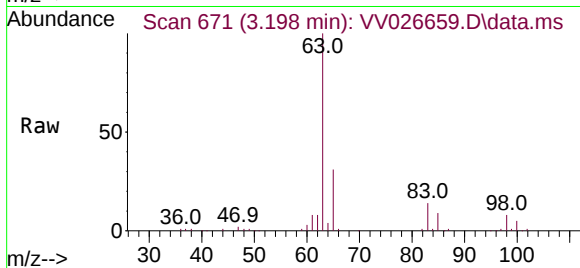
Tgt Ion: 63 Resp: 121233

Ion Ratio Lower Upper

63 100

65 31.3 23.0 42.6

83 14.1 10.2 19.0



#21

2-Butanone

Concen: 63.559 ug/L

RT: 3.998 min Scan# 920

Delta R.T. -0.003 min

Lab File: VV026659.D

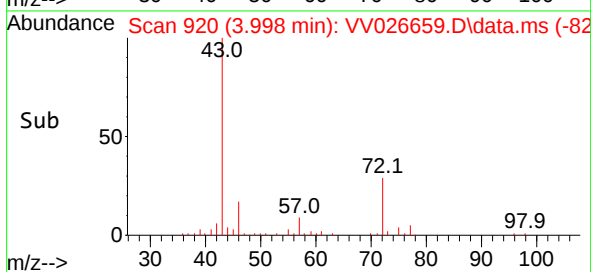
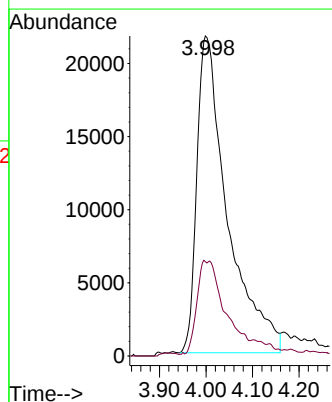
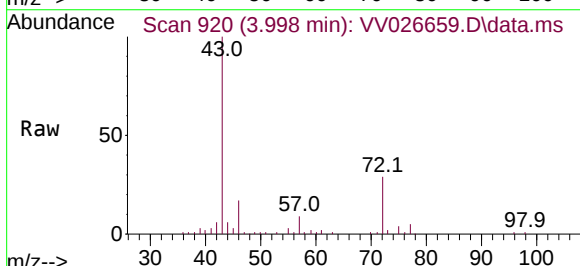
Acq: 06 Jul 2022 09:52

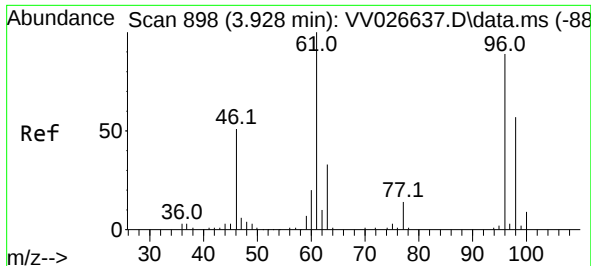
Tgt Ion: 43 Resp: 98911

Ion Ratio Lower Upper

43 100

72 9.9 13.5 40.5#





#22

cis-1,2-Dichloroethene

Concen: 4.755 ug/L

RT: 3.921 min Scan# 89

Delta R.T. -0.006 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

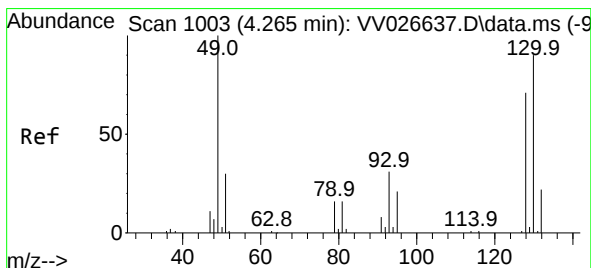
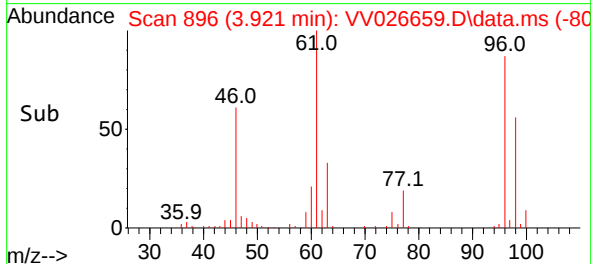
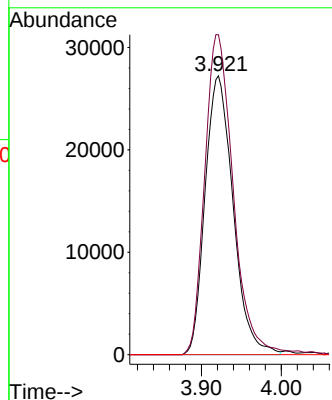
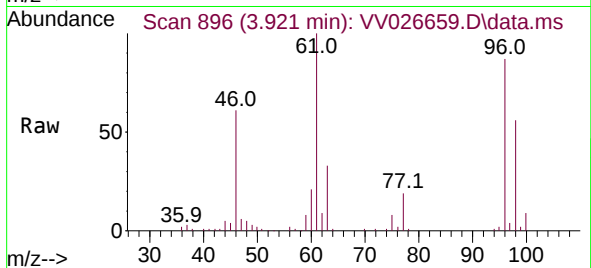
Tgt Ion: 96 Resp: 66352

Ion Ratio Lower Upper

96 100

61 114.7 82.0 152.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.391 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. -0.010 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

Tgt Ion: 128 Resp: 30985

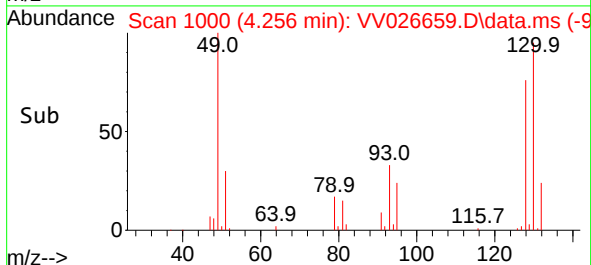
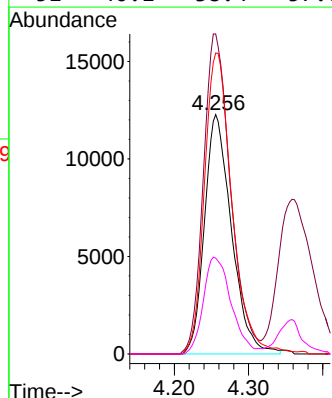
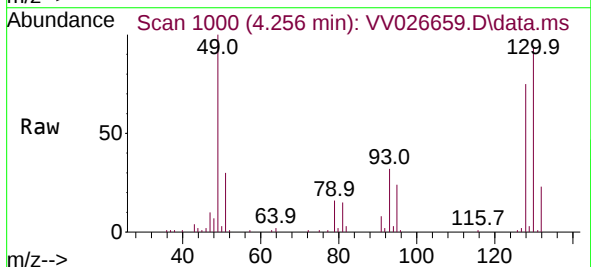
Ion Ratio Lower Upper

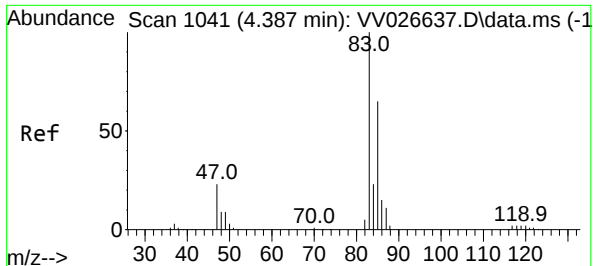
128 100

49 133.7 104.0 193.1

130 125.8 93.4 173.6

51 40.1 38.4 57.6





#25

Chloroform

Concen: 4.870 ug/L

RT: 4.381 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

Instrument :

MSVOA_V

ClientSampleId :

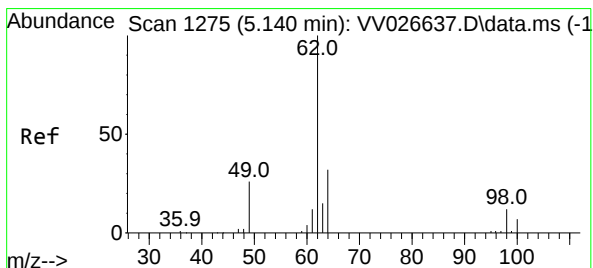
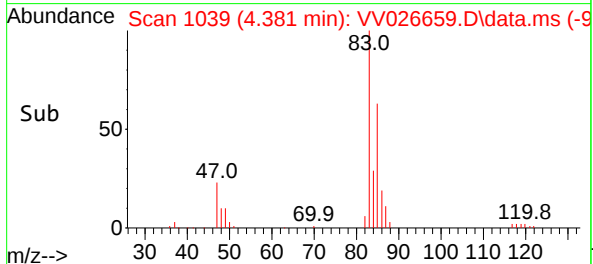
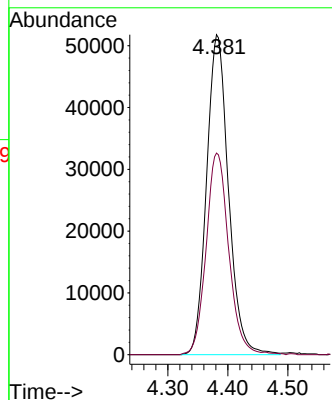
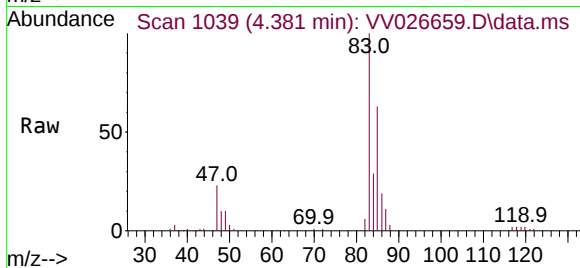
VSTD005343

Tgt Ion: 83 Resp: 131466

Ion Ratio Lower Upper

83 100

85 63.0 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.011 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.003 min

Lab File: VV026659.D

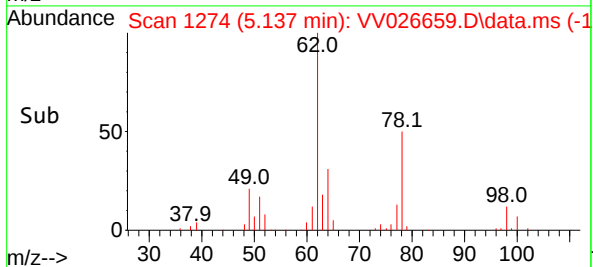
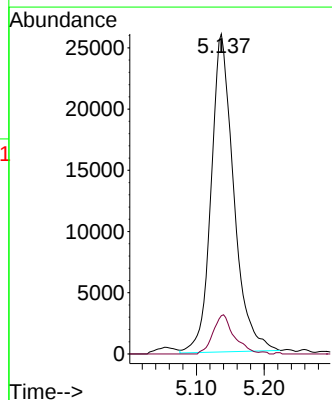
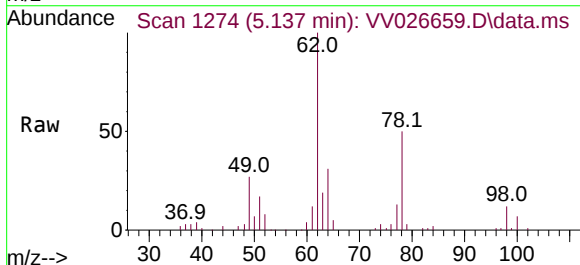
Acq: 06 Jul 2022 09:52

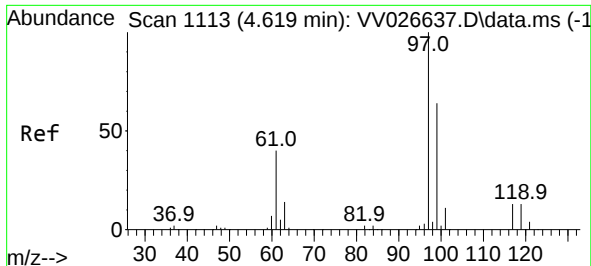
Tgt Ion: 62 Resp: 60206

Ion Ratio Lower Upper

62 100

98 12.0 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.755 ug/L

RT: 4.613 min Scan# 1113

Delta R.T. -0.006 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

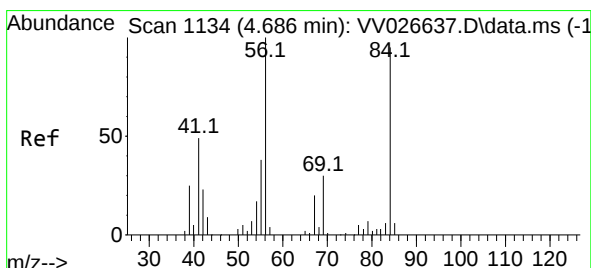
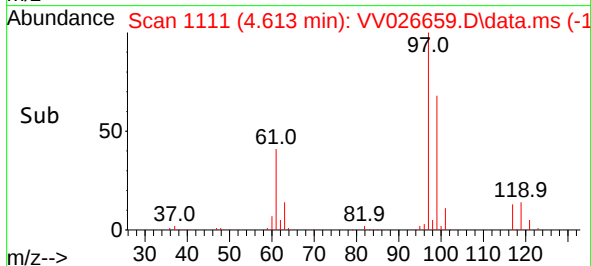
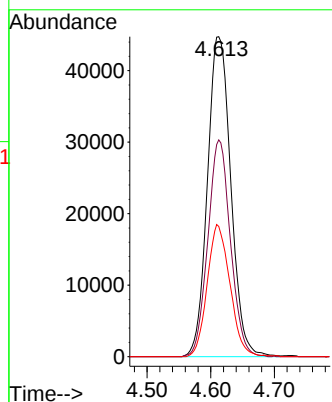
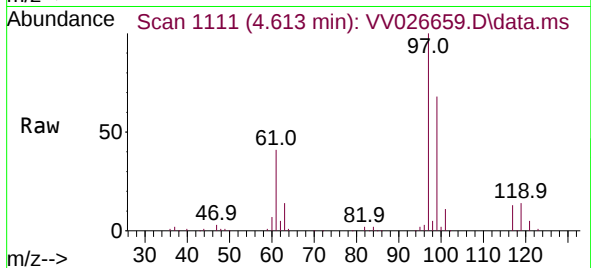
Tgt Ion: 97 Resp: 114648

Ion Ratio Lower Upper

97 100

99 65.3 51.0 76.4

61 39.9 33.0 49.4



#30

Cyclohexane

Concen: 4.028 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. -0.003 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

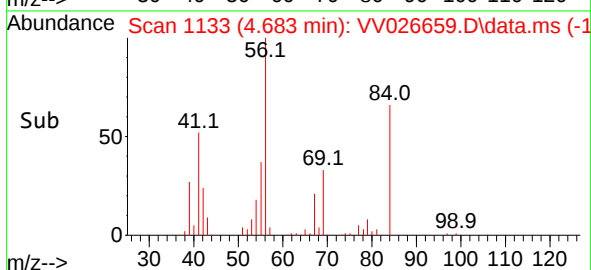
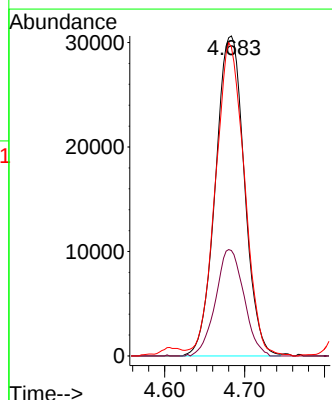
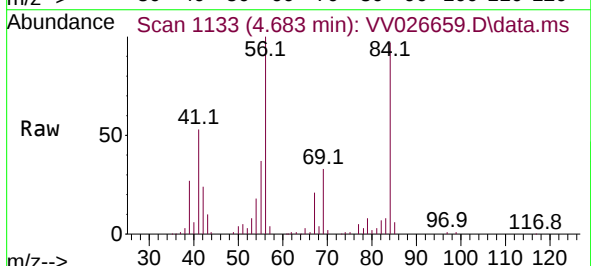
Tgt Ion: 56 Resp: 76889

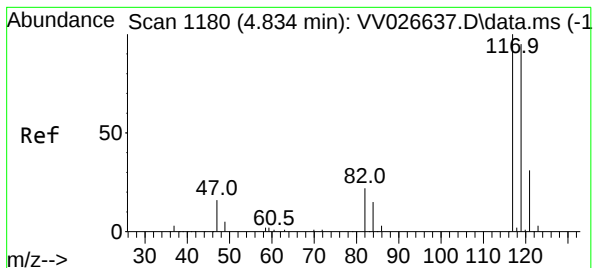
Ion Ratio Lower Upper

56 100

69 32.5 25.4 38.2

84 98.3 77.8 116.6





#31

Carbon tetrachloride

Concen: 4.841 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

Instrument :

MSVOA_V

ClientSampleId :

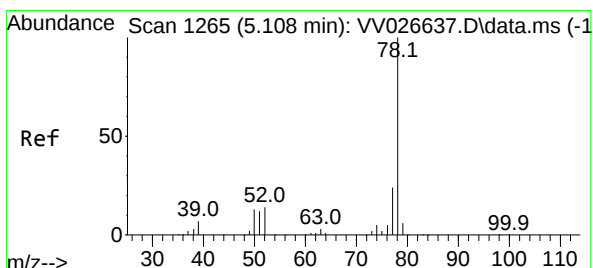
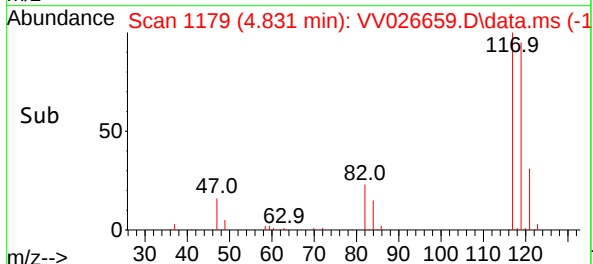
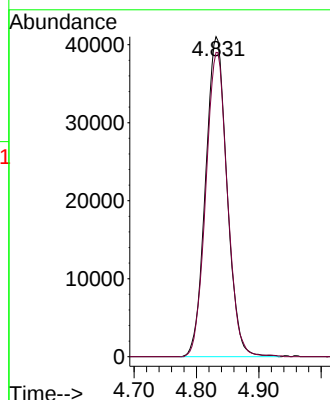
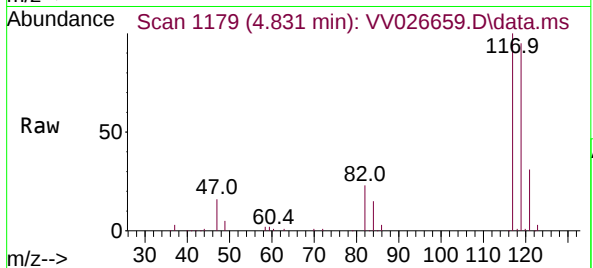
VSTD005343

Tgt Ion:117 Resp: 97902

Ion Ratio Lower Upper

117 100

119 95.8 76.9 115.3



#33

Benzene

Concen: 4.683 ug/L

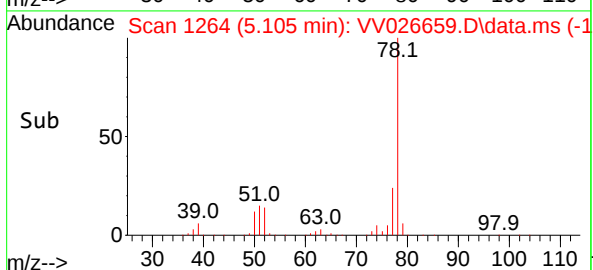
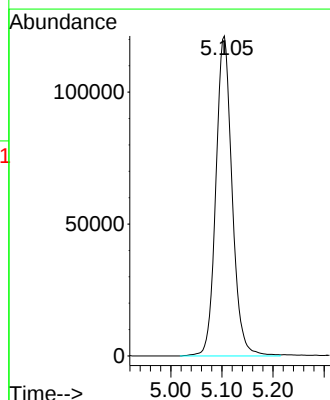
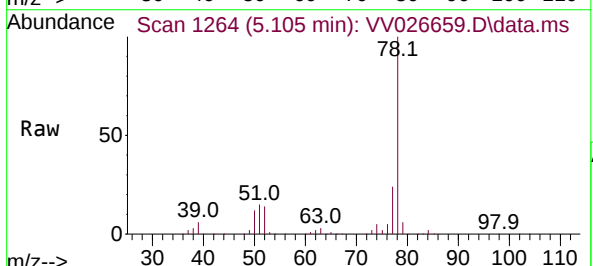
RT: 5.105 min Scan# 1264

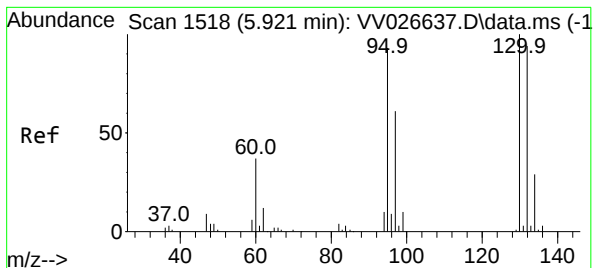
Delta R.T. -0.003 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

Tgt Ion: 78 Resp: 267930





#34

Trichloroethene

Concen: 4.484 ug/L

RT: 5.915 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

Tgt Ion: 95 Resp: 67441

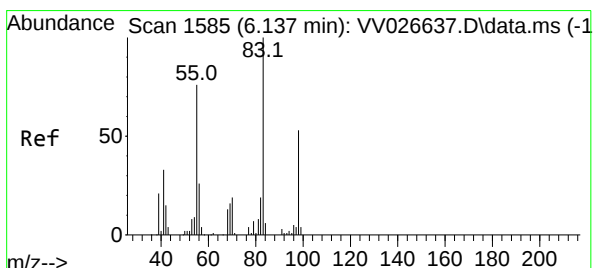
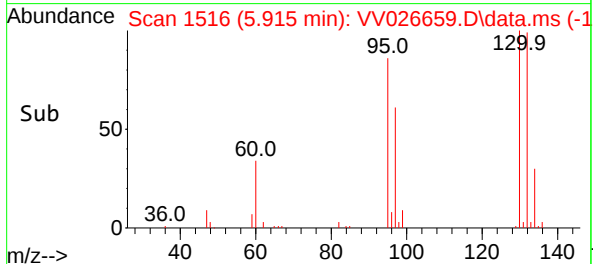
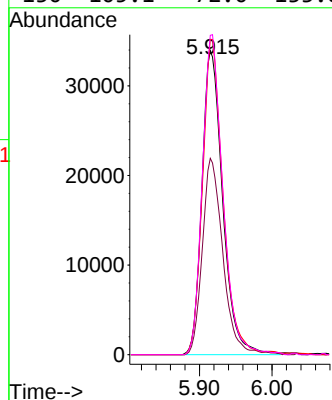
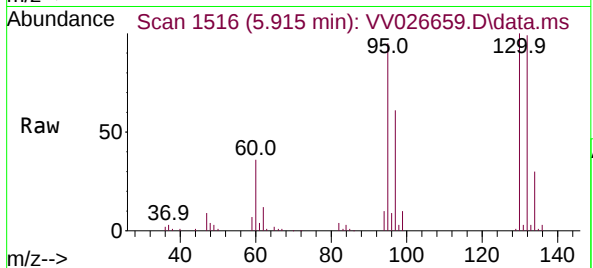
Ion Ratio Lower Upper

95 100

97 64.6 46.8 87.0

132 103.8 69.9 129.7

130 105.1 72.0 133.8



#35

Methylcyclohexane

Concen: 4.095 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. -0.003 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

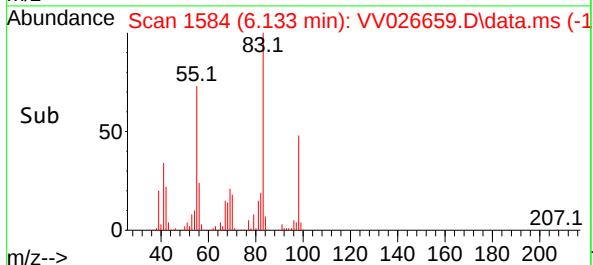
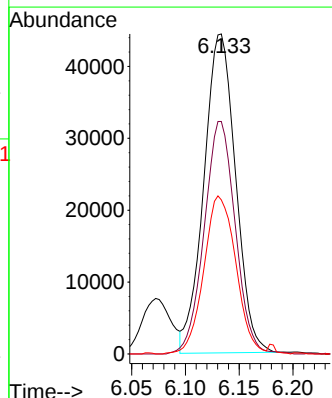
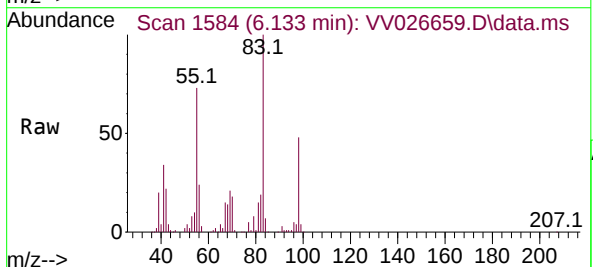
Tgt Ion: 83 Resp: 91111

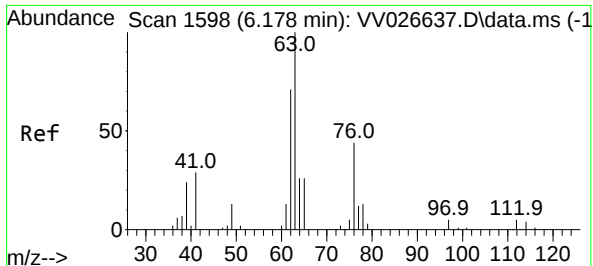
Ion Ratio Lower Upper

83 100

55 71.6 57.0 85.4

98 50.0 39.8 59.8





#37

1,2-Dichloropropane

Concen: 4.808 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

Instrument :

MSVOA_V

ClientSampleId :

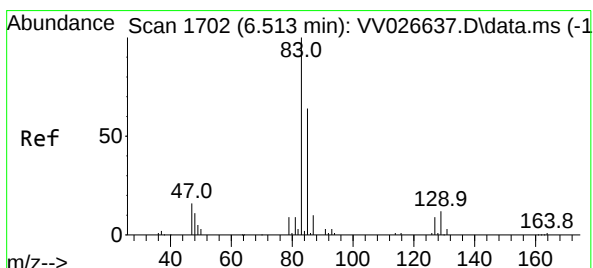
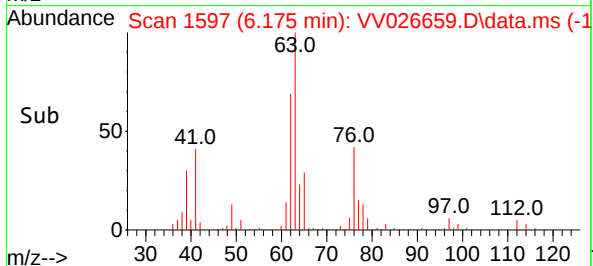
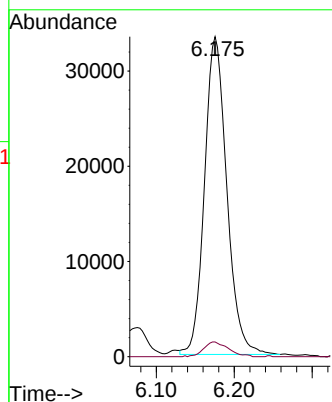
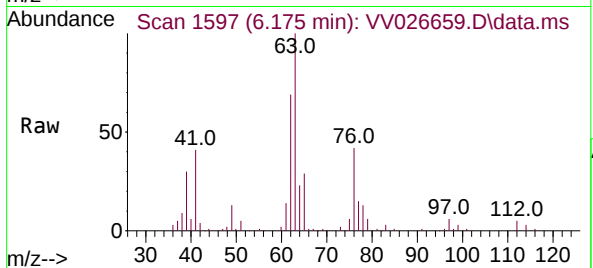
VSTD005343

Tgt Ion: 63 Resp: 66295

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.4



#38

Bromodichloromethane

Concen: 4.999 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

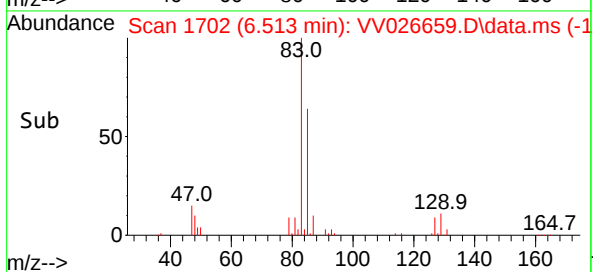
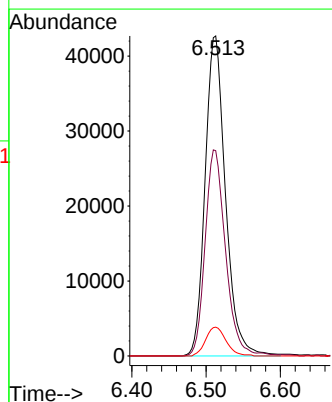
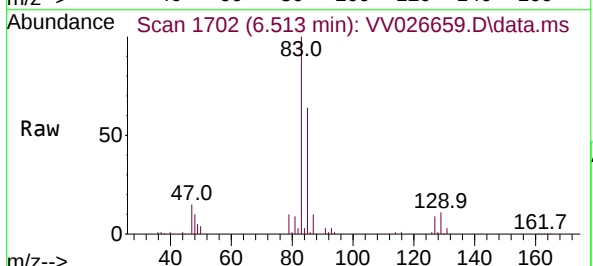
Tgt Ion: 83 Resp: 81364

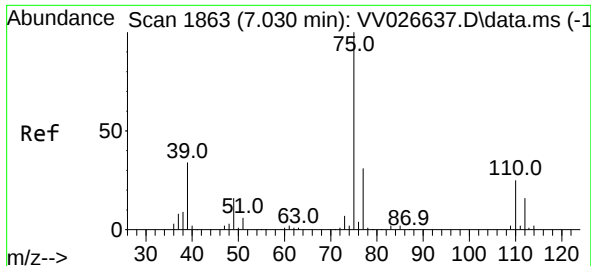
Ion Ratio Lower Upper

83 100

85 64.2 44.0 81.8

127 9.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.025 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

Instrument :

MSVOA_V

ClientSampleId :

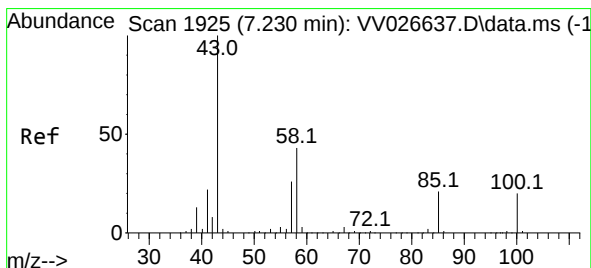
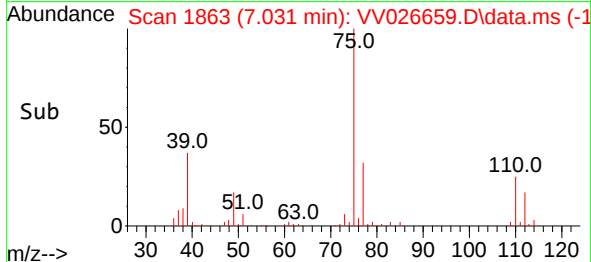
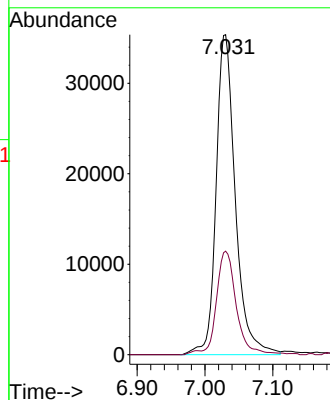
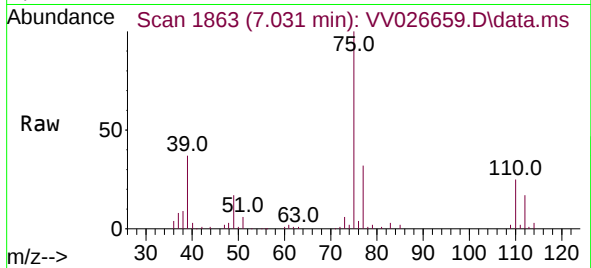
VSTD005343

Tgt Ion: 75 Resp: 69636

Ion Ratio Lower Upper

75 100

77 32.3 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 54.519 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

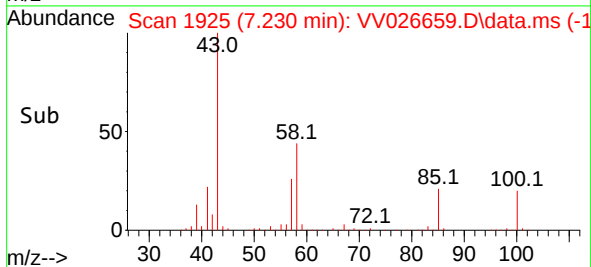
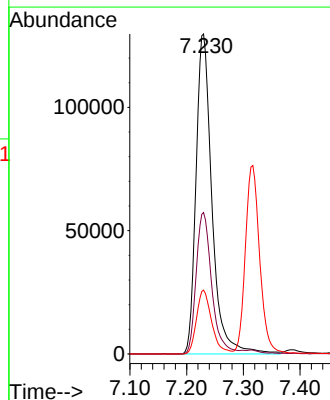
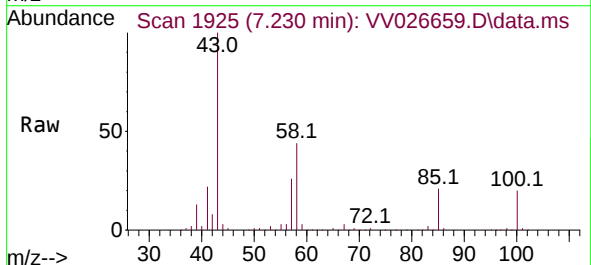
Tgt Ion: 43 Resp: 253922

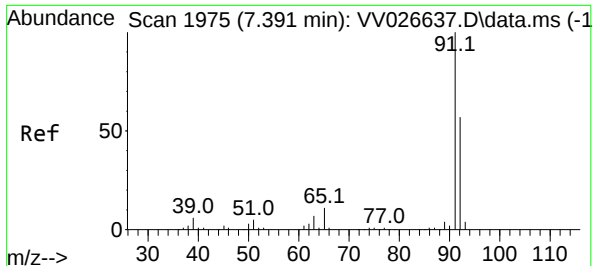
Ion Ratio Lower Upper

43 100

58 42.9 33.3 49.9

100 19.0 14.3 21.5

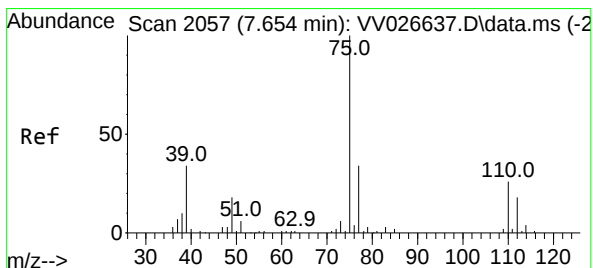
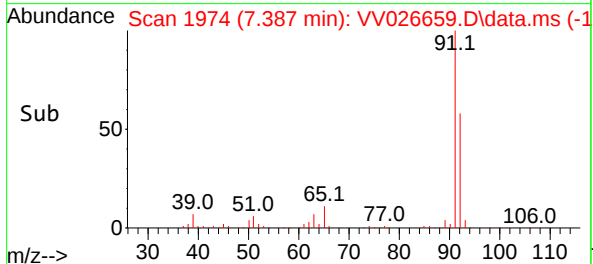
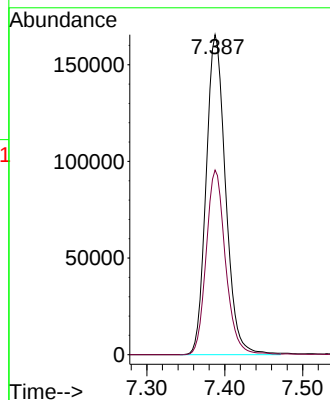
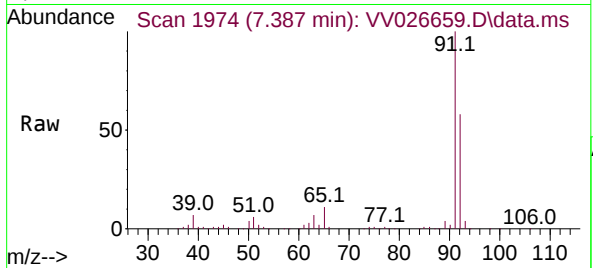




#42
Toluene
Concen: 4.858 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

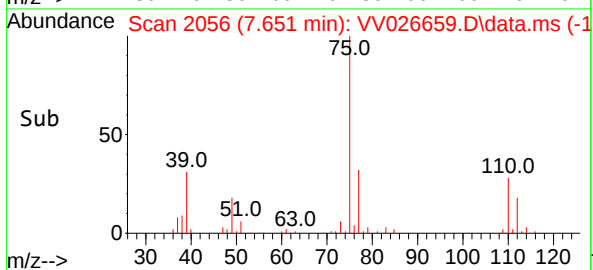
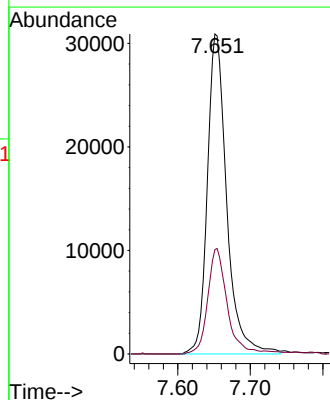
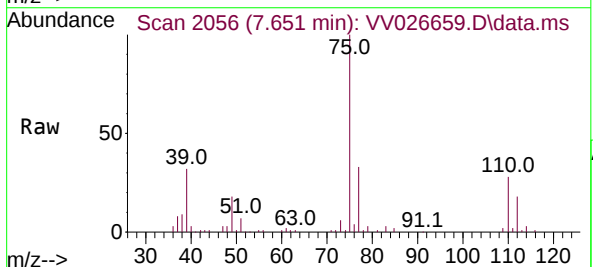
Instrument : MSVOA_V
ClientSampleId : VSTD005343

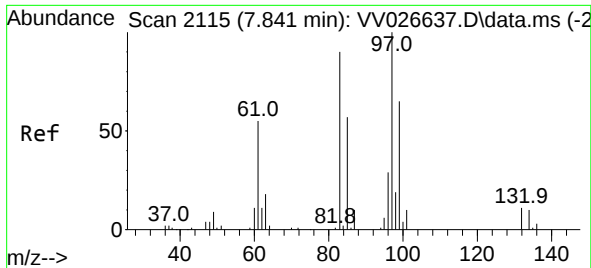
Tgt Ion: 91 Resp: 286904
Ion Ratio Lower Upper
91 100
92 57.7 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 5.548 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Tgt Ion: 75 Resp: 57193
Ion Ratio Lower Upper
75 100
77 32.7 23.1 42.9

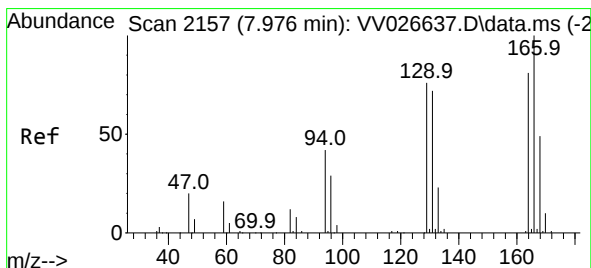
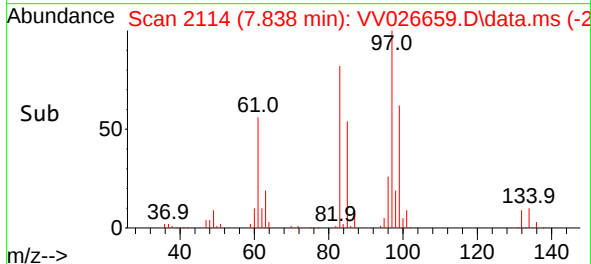
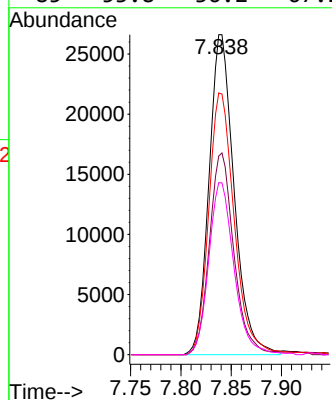
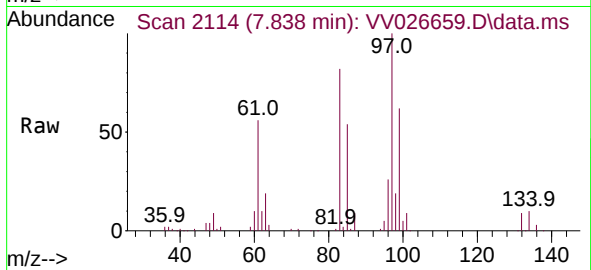




#45
1,1,2-Trichloroethane
Concen: 5.311 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

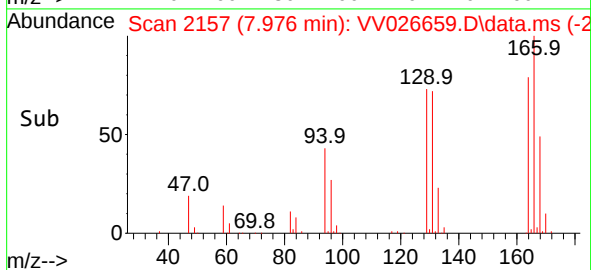
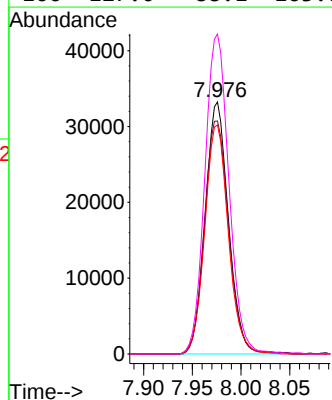
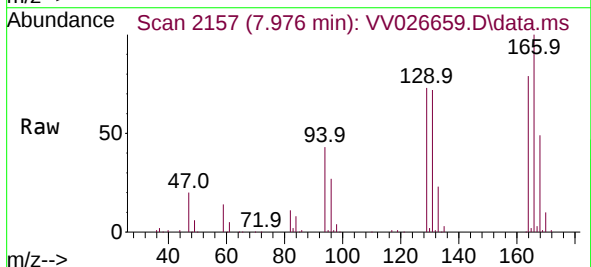
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

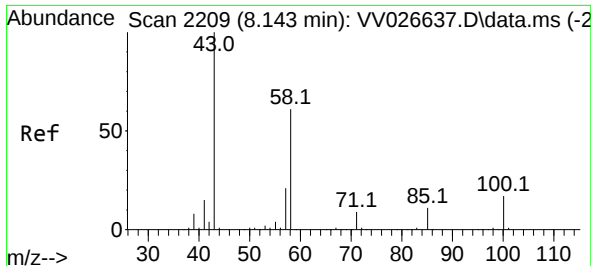
Tgt Ion: 97	Resp: 46179
Ion Ratio	Lower Upper
97 100	
99 62.1	43.4 80.6
83 81.8	58.0 107.8
85 53.8	36.2 67.2



#47
Tetrachloroethene
Concen: 4.606 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Tgt	Ion:164	Resp:	55156
Ion	Ratio	Lower	Upper
164	100		
129	92.5	66.4	123.2
131	90.9	64.4	119.6
166	127.0	88.1	163.7



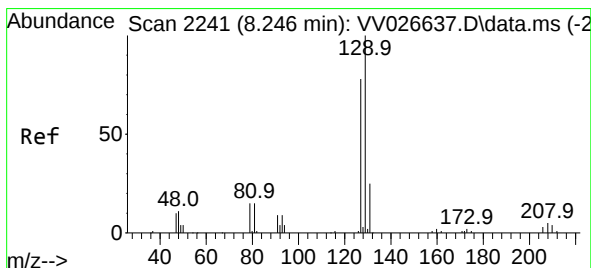
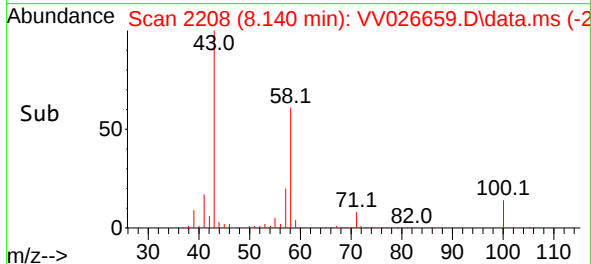
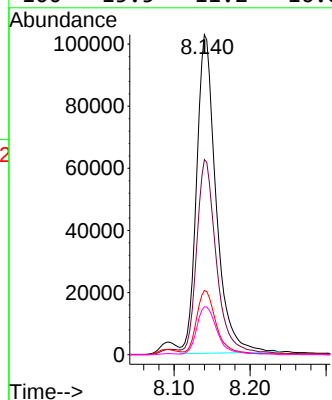
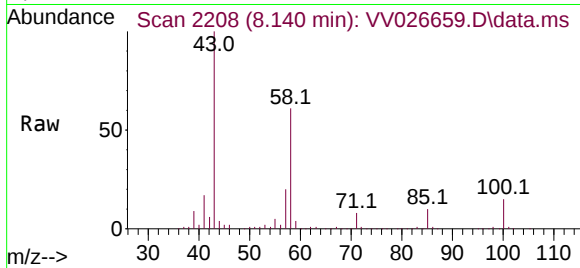


#48
2-Hexanone
Concen: 56.209 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

Tgt Ion: 43 Resp: 182237

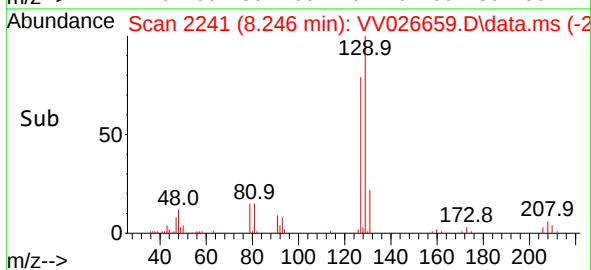
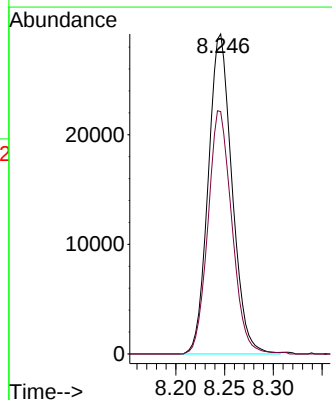
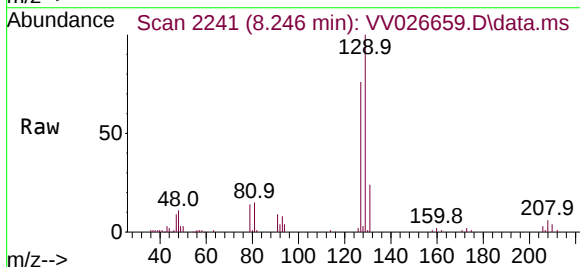
Ion	Ratio	Lower	Upper
43	100		
58	61.9	47.8	71.6
57	19.9	15.0	22.6
100	15.5	11.2	16.8

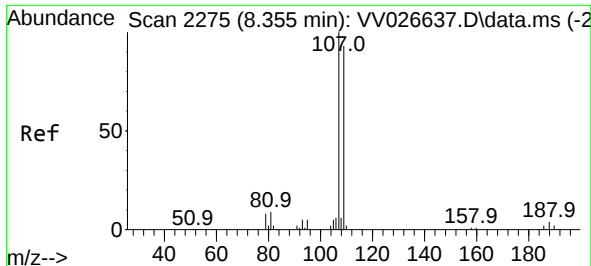


#49
Dibromochloromethane
Concen: 5.640 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Tgt Ion: 129 Resp: 49660

Ion	Ratio	Lower	Upper
129	100		
127	75.8	54.2	100.6





#50

1,2-Dibromoethane

Concen: 5.146 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

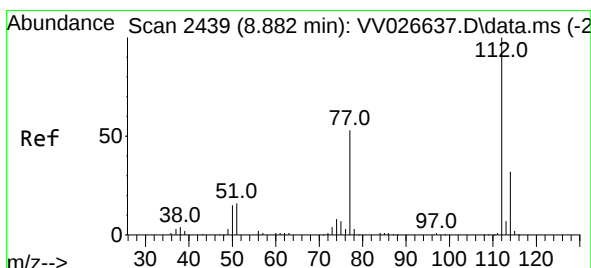
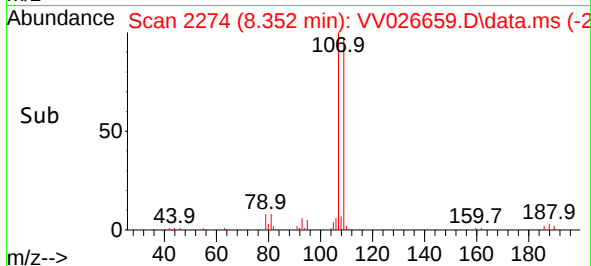
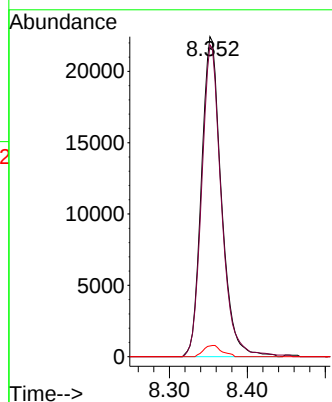
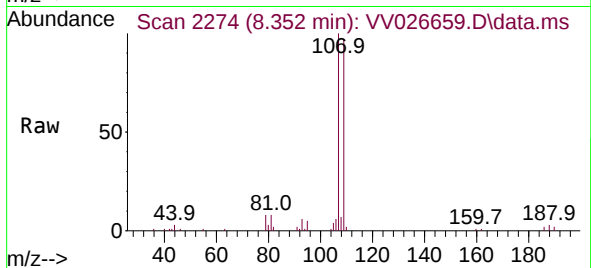
Tgt Ion:107 Resp: 39785

Ion Ratio Lower Upper

107 100

109 97.4 67.8 125.8

188 3.4 3.2 4.8



#51

Chlorobenzene

Concen: 4.738 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

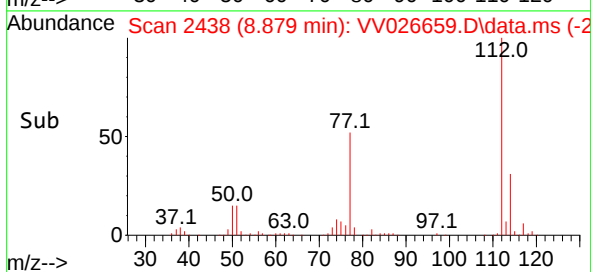
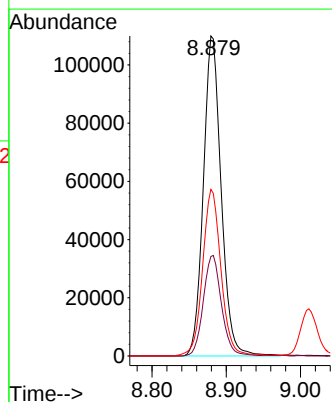
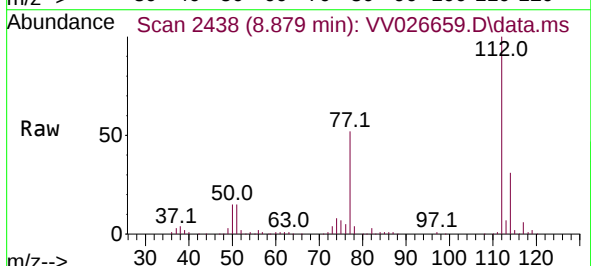
Tgt Ion:112 Resp: 183284

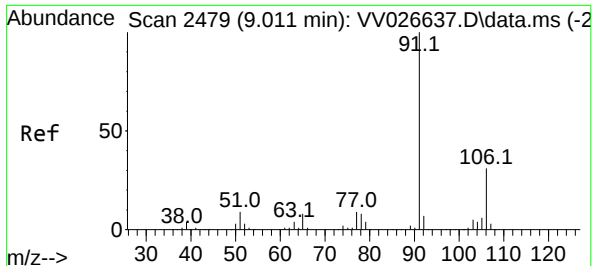
Ion Ratio Lower Upper

112 100

114 31.1 22.3 41.5

77 52.1 44.4 66.6





#52

Ethylbenzene

Concen: 4.470 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

Instrument :

MSVOA_V

ClientSampleId :

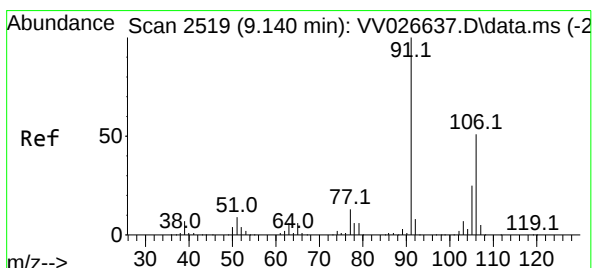
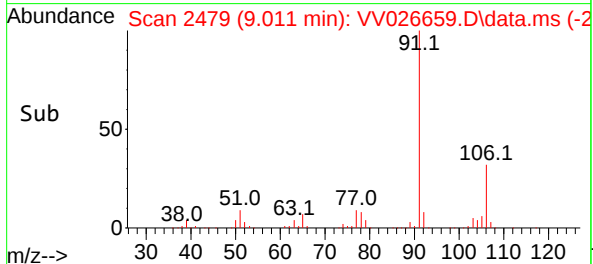
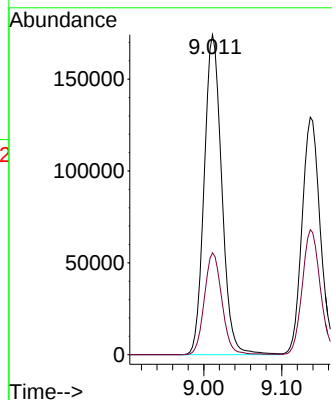
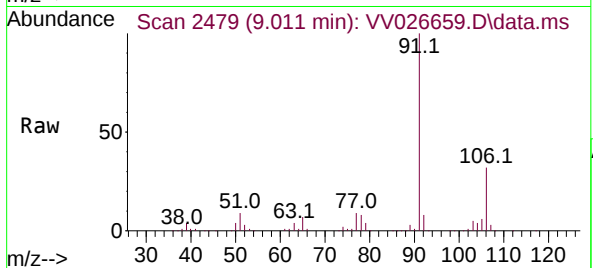
VSTD005343

Tgt Ion: 91 Resp: 273028

Ion Ratio Lower Upper

91 100

106 31.8 22.1 41.1



#53

m,p-Xylene

Concen: 4.616 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV026659.D

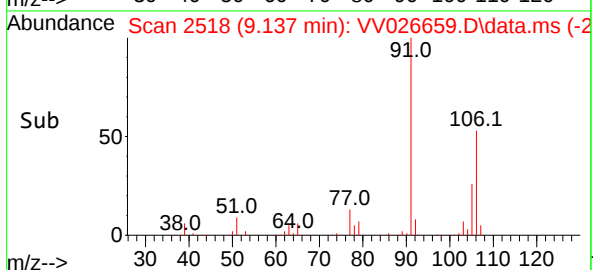
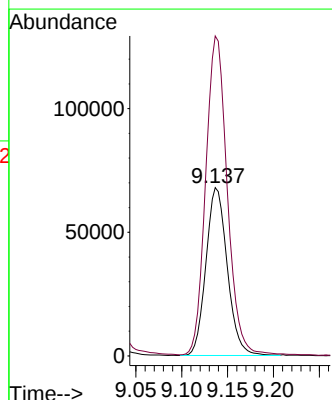
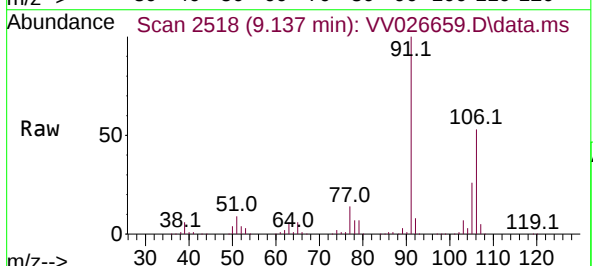
Acq: 06 Jul 2022 09:52

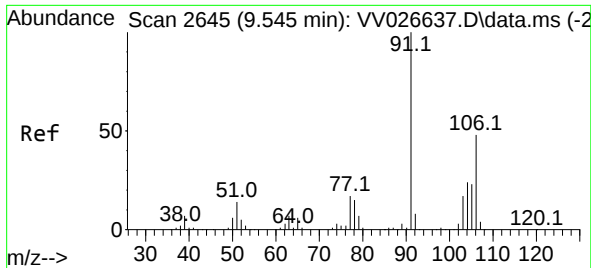
Tgt Ion: 106 Resp: 109988

Ion Ratio Lower Upper

106 100

91 190.2 139.9 259.9

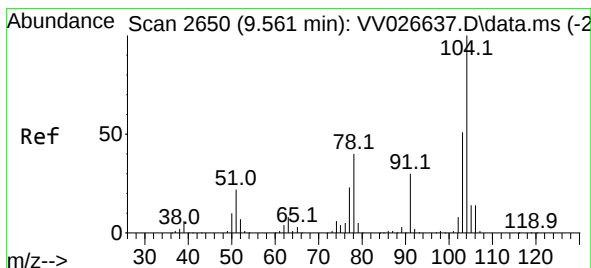
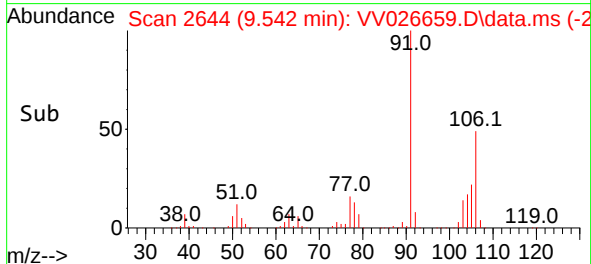
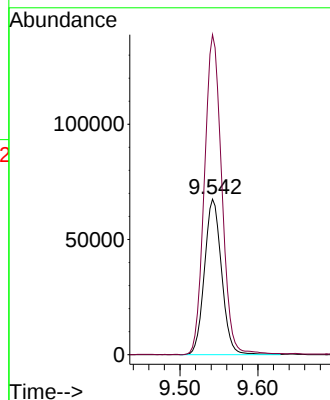
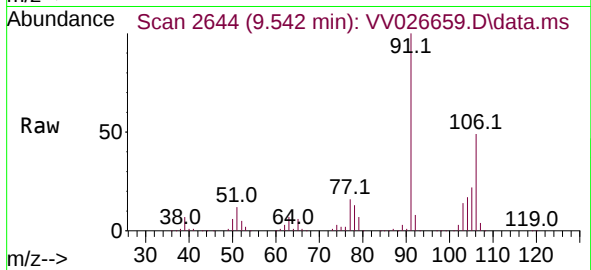




#54
o-Xylene
Concen: 4.608 ug/L
RT: 9.542 min Scan# 2
Delta R.T. -0.003 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

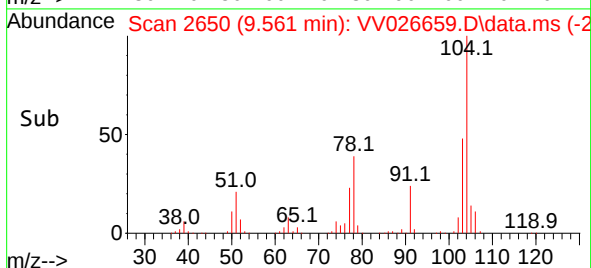
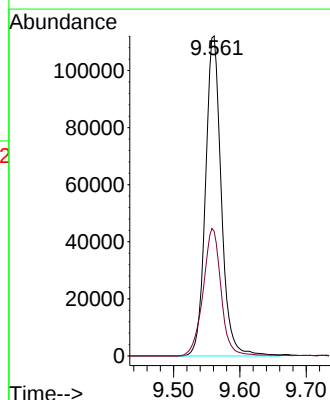
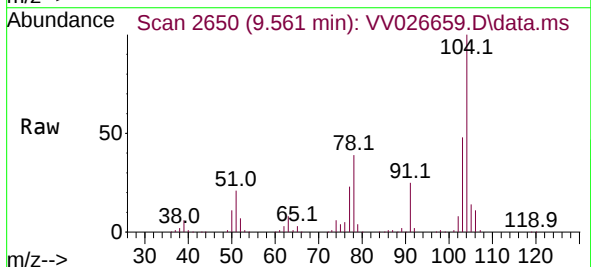
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

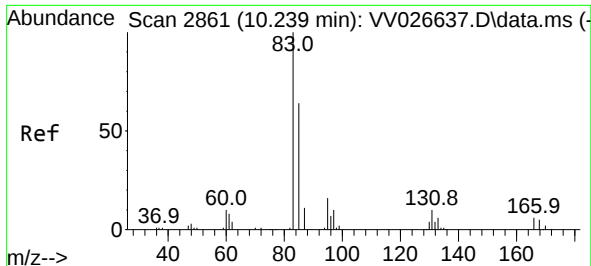
Tgt Ion:106 Resp: 103064
Ion Ratio Lower Upper
106 100
91 205.8 147.5 273.9



#55
Styrene
Concen: 5.019 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Tgt Ion:104 Resp: 185921
Ion Ratio Lower Upper
104 100
78 39.0 28.4 52.8

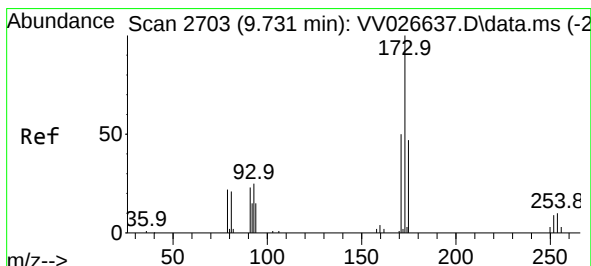
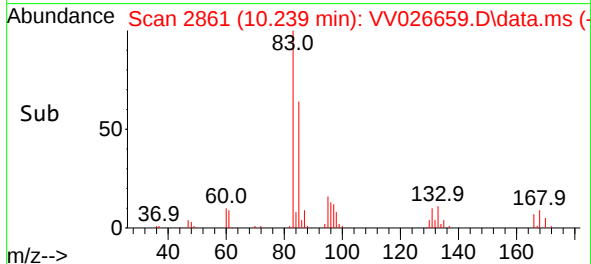
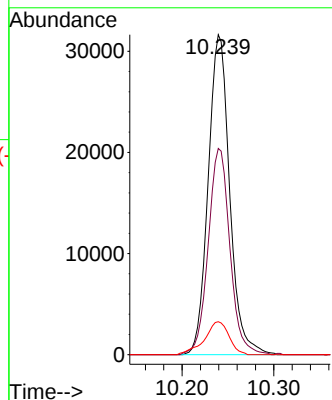
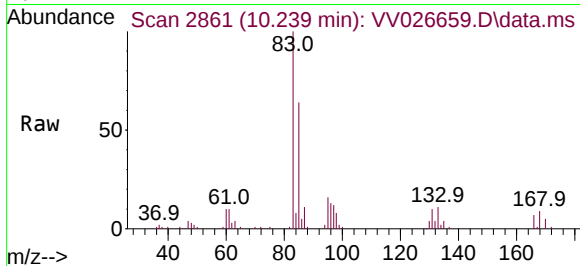




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.312 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV026659.D
 Acq: 06 Jul 2022 09:52

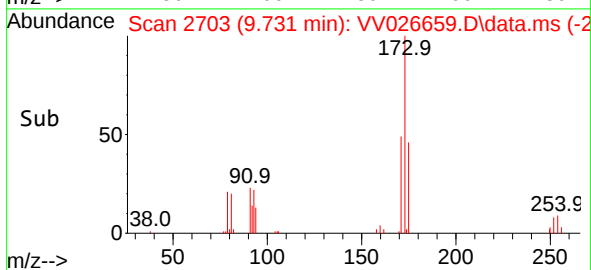
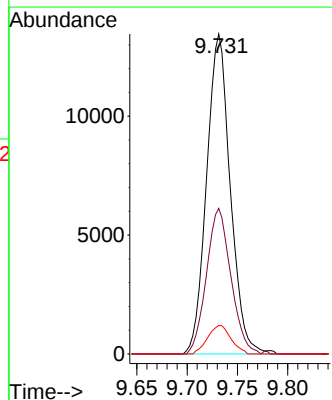
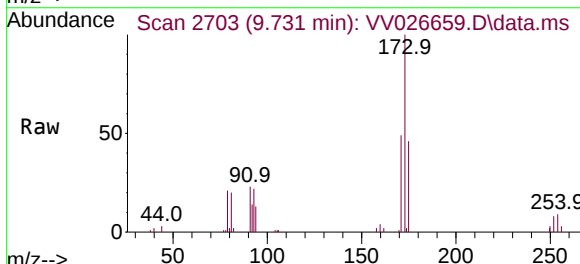
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

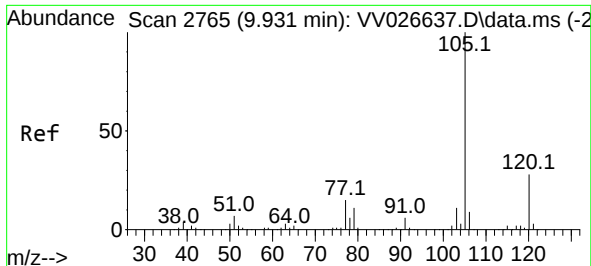
Tgt Ion:	83	Resp:	51581
Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.3	82.3
131	10.3	8.0	12.0



#59
 Bromoform
 Concen: 5.862 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV026659.D
 Acq: 06 Jul 2022 09:52

Tgt Ion:	173	Resp:	22037
Ion	Ratio	Lower	Upper
173	100		
175	46.8	37.9	56.9
254	8.7	6.3	9.5

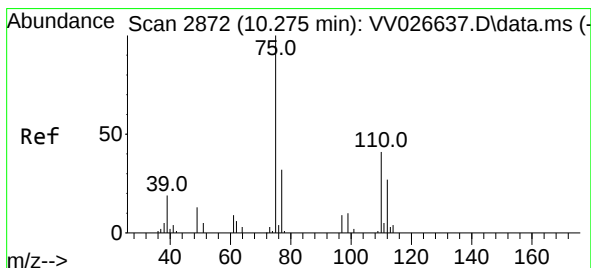
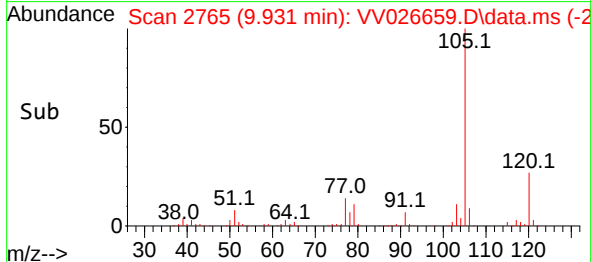
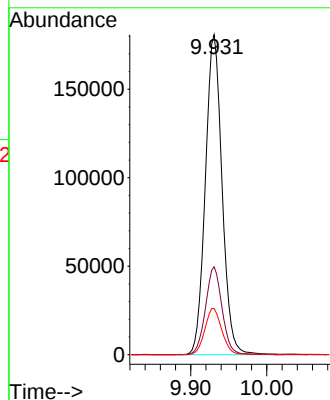
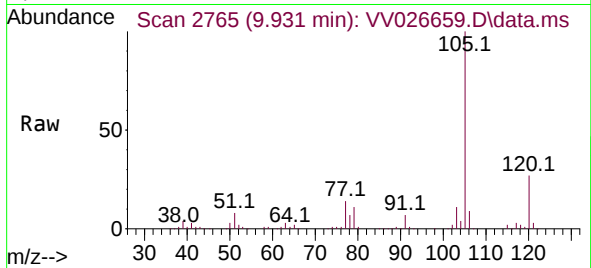




#60
Isopropylbenzene
Concen: 4.387 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

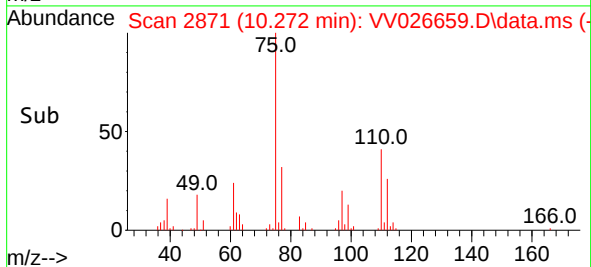
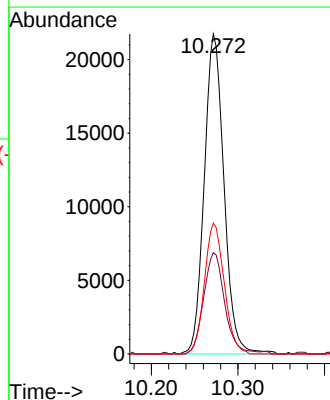
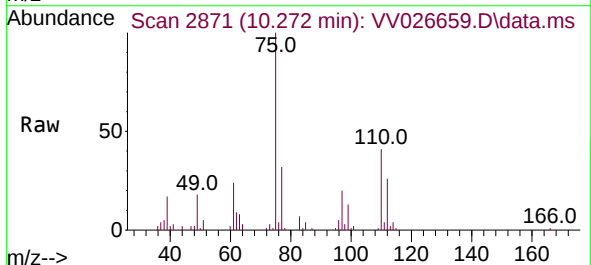
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

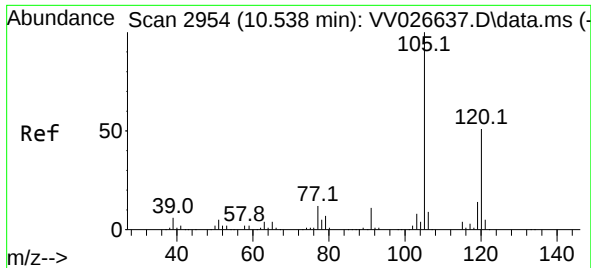
Tgt Ion:105 Resp: 276033
Ion Ratio Lower Upper
105 100
120 27.3 21.4 32.2
77 14.5 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.214 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Tgt Ion: 75 Resp: 34440
Ion Ratio Lower Upper
75 100
77 33.6 25.8 38.6
110 40.8 32.5 48.7





#62

1,3,5-Trimethylbenzene

Concen: 4.243 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026659.D

Acq: 06 Jul 2022 09:52

Instrument :

MSVOA_V

ClientSampleId :

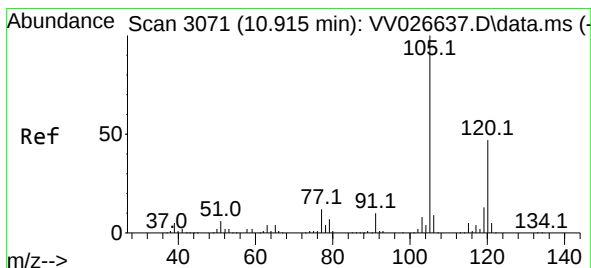
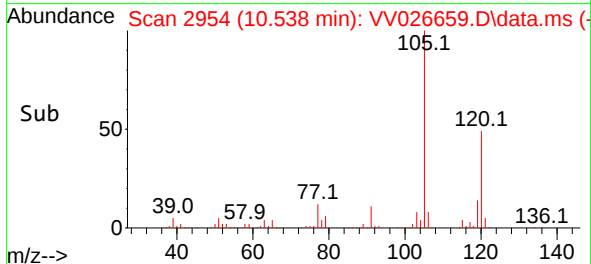
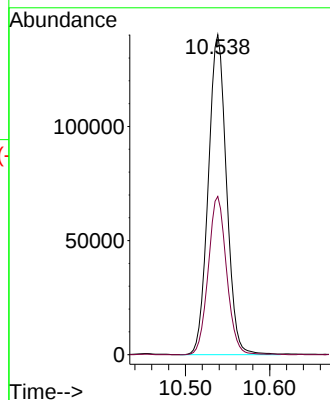
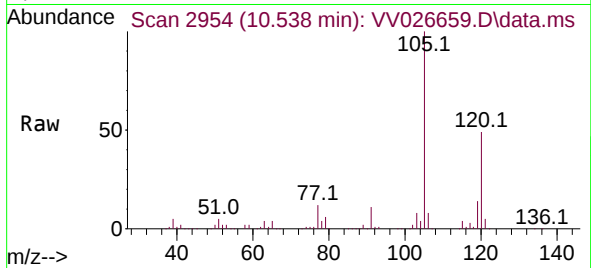
VSTD005343

Tgt Ion:105 Resp: 211032

Ion Ratio Lower Upper

105 100

120 49.8 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.300 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV026659.D

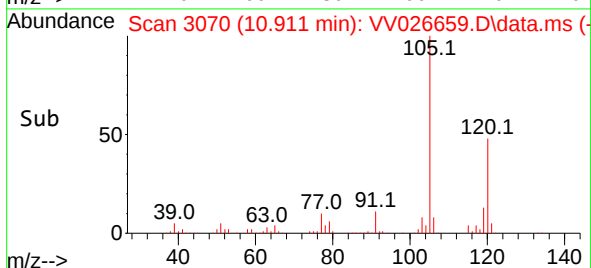
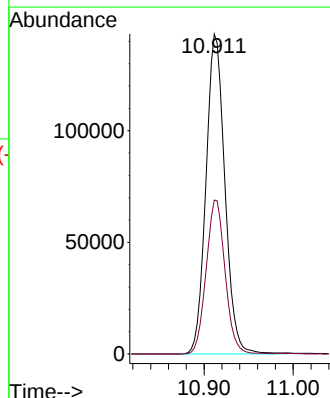
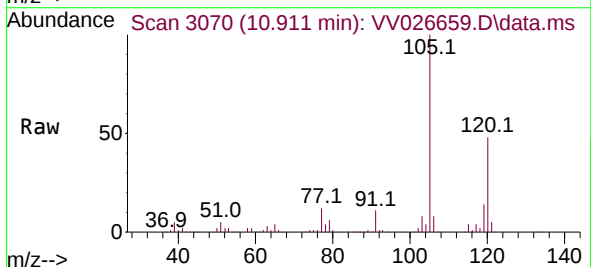
Acq: 06 Jul 2022 09:52

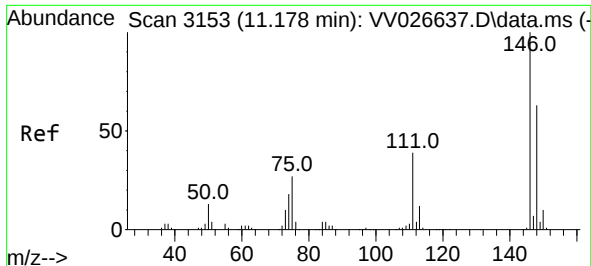
Tgt Ion:105 Resp: 210885

Ion Ratio Lower Upper

105 100

120 48.2 37.4 56.2

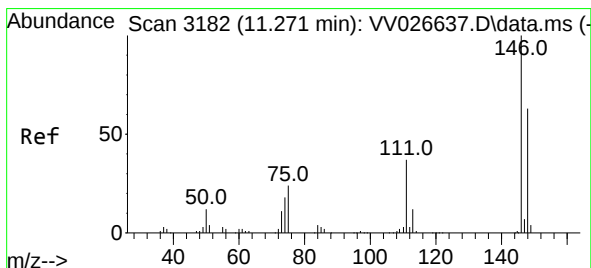
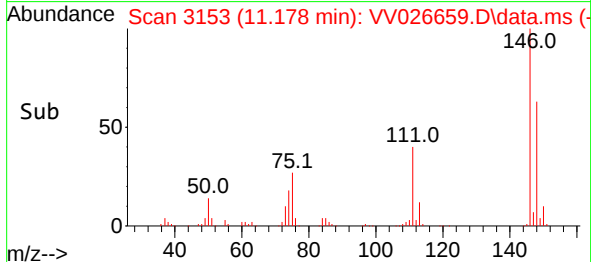
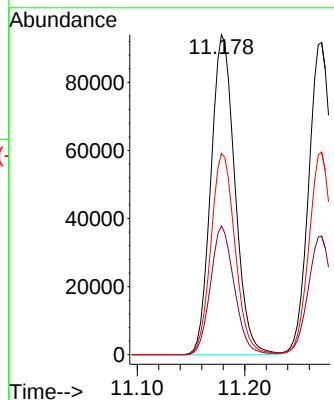
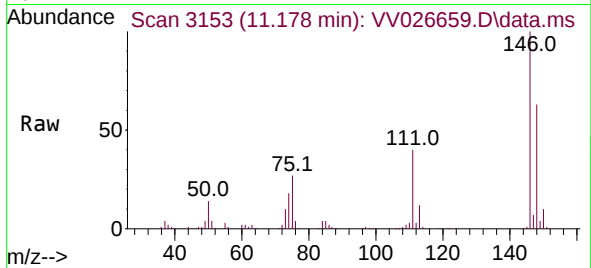




#64
1,3-Dichlorobenzene
Concen: 4.766 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

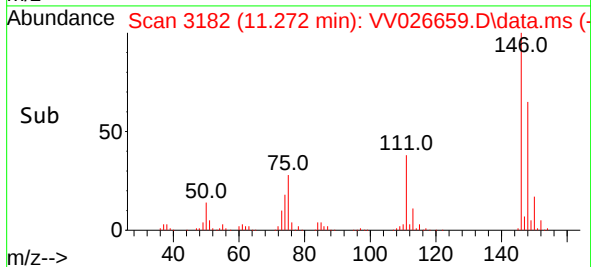
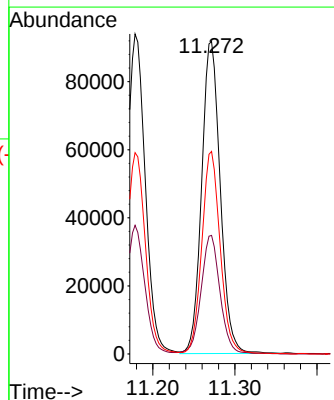
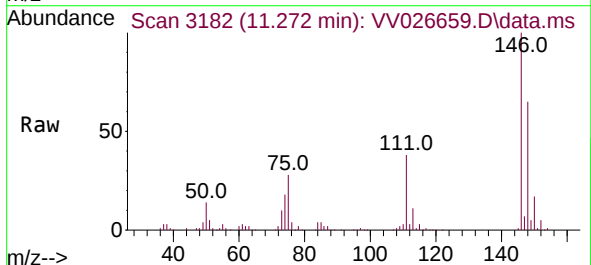
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

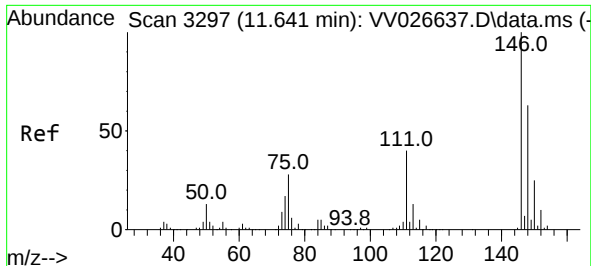
Tgt Ion:146 Resp: 145848
Ion Ratio Lower Upper
146 100
111 40.2 27.9 51.7
148 62.9 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.756 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Tgt Ion:146 Resp: 144518
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.3
148 64.8 43.7 81.1

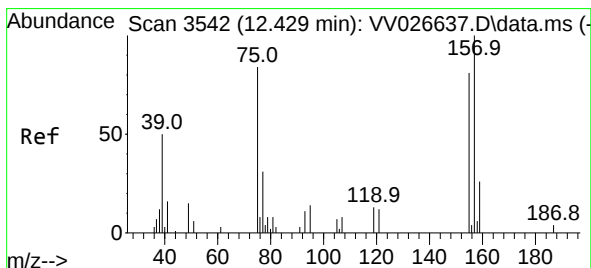
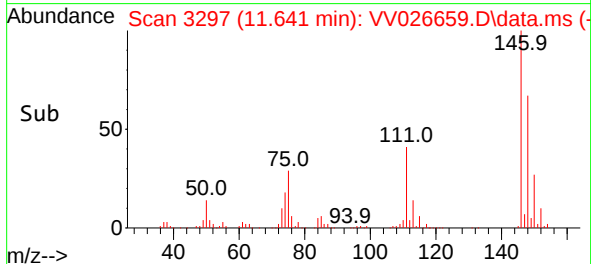
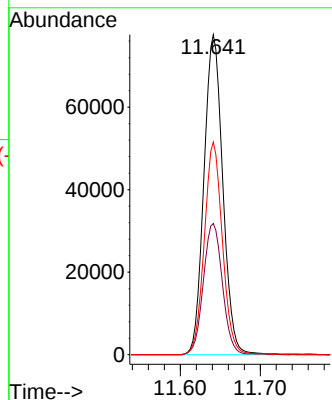
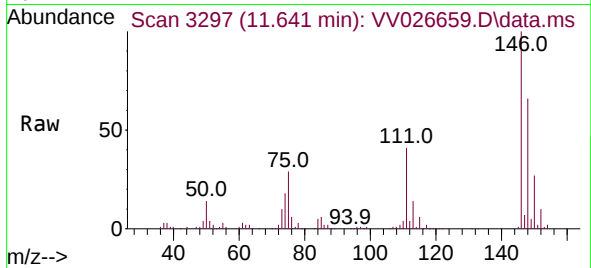




#67
1,2-Dichlorobenzene
Concen: 4.883 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

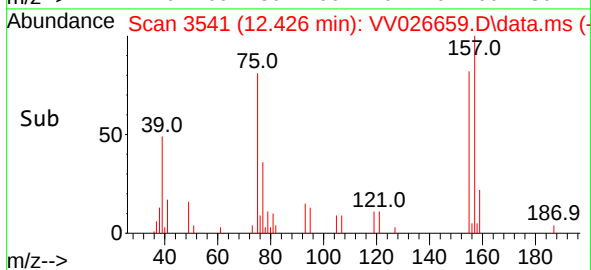
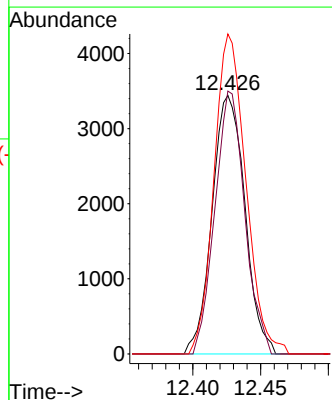
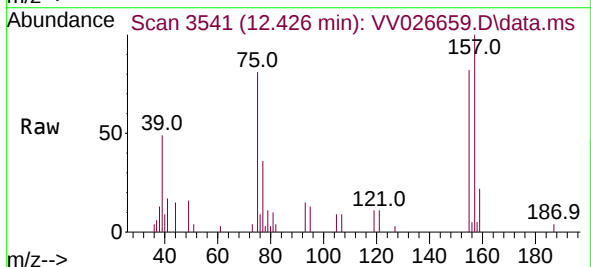
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

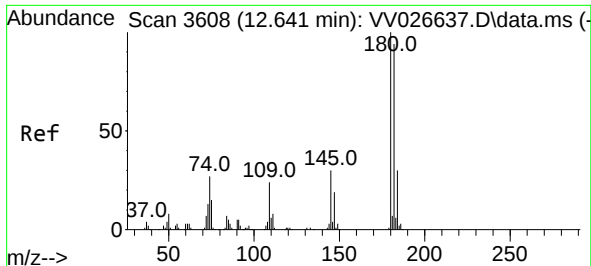
Tgt Ion:146 Resp: 127142
Ion Ratio Lower Upper
146 100
111 41.0 32.8 49.2
148 66.5 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.888 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Tgt Ion: 75 Resp: 5791
Ion Ratio Lower Upper
75 100
155 101.6 74.7 112.1
157 123.7 96.9 145.3

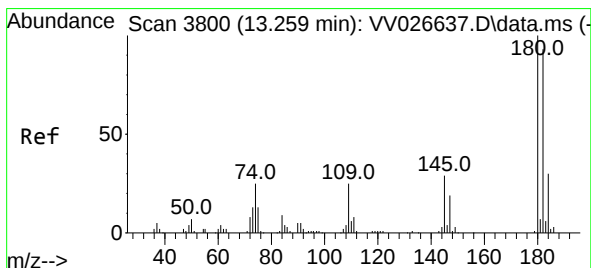
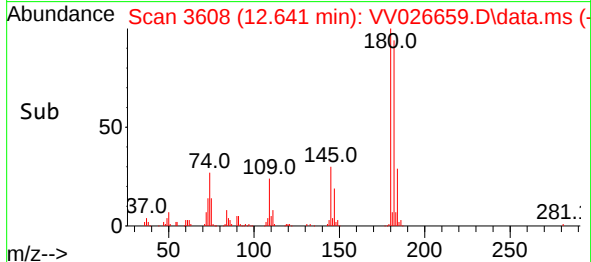
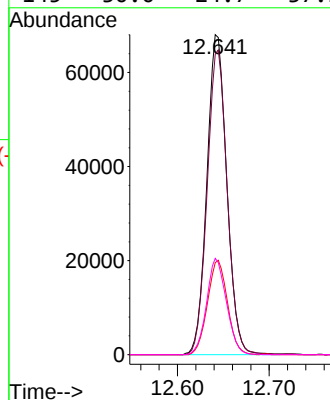
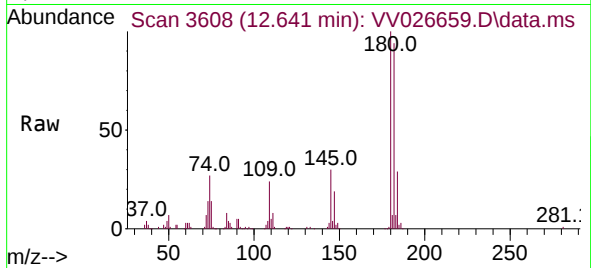




#69
 1,3,5-Trichlorobenzene
 Concen: 4.668 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV026659.D
 Acq: 06 Jul 2022 09:52

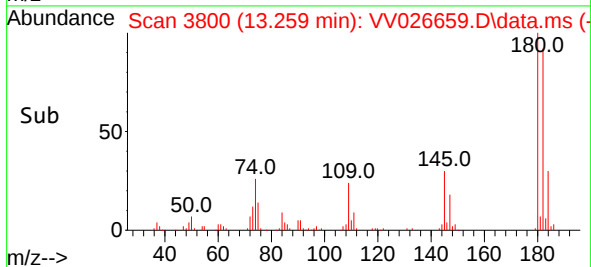
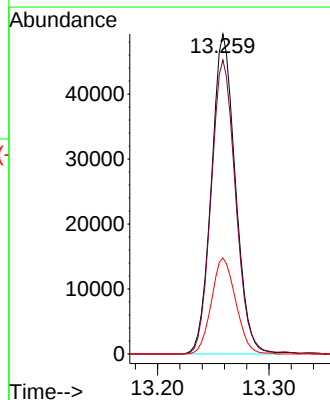
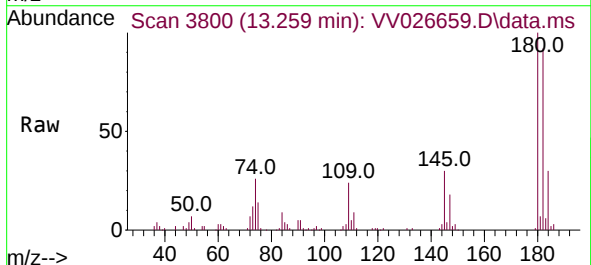
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

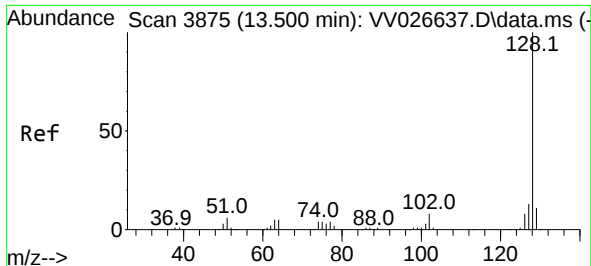
Tgt Ion:180	Resp:	102726
Ion	Ratio	Lower Upper
180	100	
182	95.7	76.6 115.0
184	29.6	24.1 36.1
145	30.0	24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.726 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026659.D
 Acq: 06 Jul 2022 09:52

Tgt Ion:180	Resp:	73426
Ion	Ratio	Lower Upper
180	100	
182	93.5	75.2 112.8
145	30.5	24.4 36.6



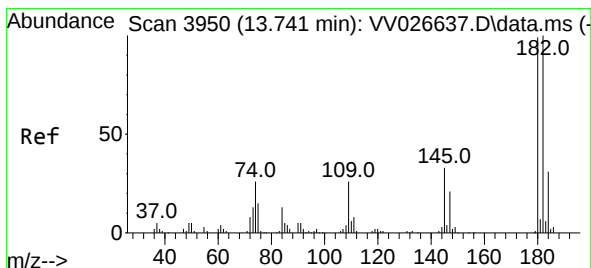
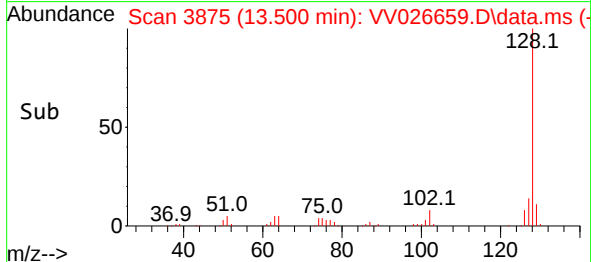
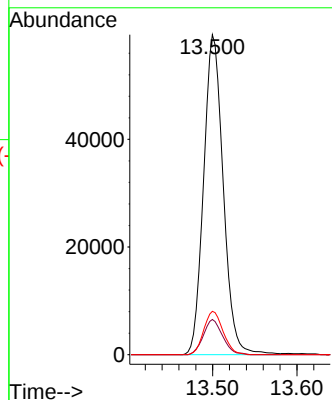
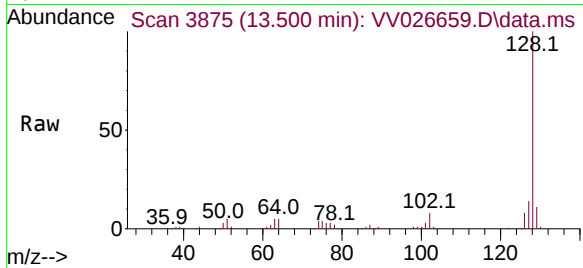


#71
Naphthalene

Concen: 4.758 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

Tgt Ion:128 Resp: 96460
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.821 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 06 Jul 2022 09:52

Tgt Ion:180 Resp: 61308
Ion Ratio Lower Upper
180 100
182 97.2 76.8 115.2
145 31.8 25.8 38.6

