

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW063022\
 Data File : VW026598.D
 Acq On : 30 Jun 2022 09:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050302

Quant Time: Jul 01 00:14:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 30 04:36:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	375421	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	374369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	214828	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	161171	52.665	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.340%
7) Chloroethane-d5	1.580	69	138793	52.882	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.760%
11) 1,1-Dichloroethene-d2	2.121	63	311536	54.041	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.080%
21) 2-Butanone-d5	3.912	46	170326	111.166	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.170%
24) Chloroform-d	4.358	84	310656	52.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.140%
26) 1,2-Dichloroethane-d4	5.037	65	172914	51.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.860%
32) Benzene-d6	5.056	84	601733	52.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.720%
36) 1,2-Dichloropropane-d6	6.072	67	187295	52.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.460%
41) Toluene-d8	7.317	98	547558	54.762	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.520%
43) trans-1,3-Dichloroprop...	7.622	79	77329	53.715	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.440%
47) 2-Hexanone-d5	8.091	63	122465	98.753	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.750%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	262211	50.648	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.300%
66) 1,2-Dichlorobenzene-d4	11.622	152	214647	51.053	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.143	85	162244	60.102	ug/L	99
3) Chloromethane	1.252	50	182760	54.603	ug/L	99
5) Vinyl chloride	1.323	62	199903	56.538	ug/L	99
6) Bromomethane	1.535	94	122635	55.097	ug/L	100
8) Chloroethane	1.597	64	130470	54.991	ug/L	99
9) Trichlorofluoromethane	1.764	101	287694	57.993	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	172701	59.300	ug/L	100
12) 1,1-Dichloroethene	2.130	96	164211	57.232	ug/L	94
13) Acetone	2.204	43	121645	109.043	ug/L	87
14) Carbon disulfide	2.304	76	448746	56.398	ug/L	99
15) Methyl Acetate	2.452	43	117583	50.180	ug/L	93
16) Methylene chloride	2.519	84	186047	55.235	ug/L	99
17) trans-1,2-Dichloroethene	2.770	96	165578	55.935	ug/L	99
18) Methyl tert-butyl Ether	2.783	73	454193	54.708	ug/L	99
19) 1,1-Dichloroethane	3.201	63	296046	55.245	ug/L	98
20) cis-1,2-Dichloroethene	3.921	96	172677	54.599	ug/L	96
22) 2-Butanone	3.995	43	172539	115.422	ug/L	97
23) Bromochloromethane	4.256	128	98033	54.803	ug/L	99
25) Chloroform	4.384	83	315310	55.599	ug/L	100

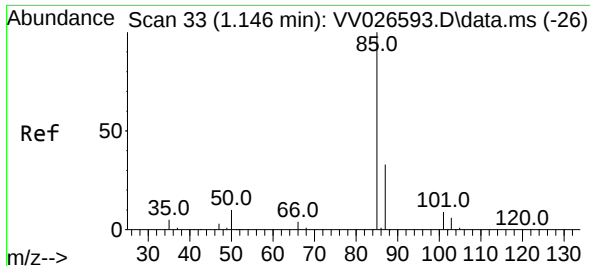
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	214751	56.030	ug/L	100
29) Cyclohexane	4.683	56	234979	59.059	ug/L	99
30) 1,1,1-Trichloroethane	4.616	97	279308	57.109	ug/L	99
31) Carbon tetrachloride	4.834	117	239042	58.209	ug/L	100
33) Benzene	5.104	78	689280	56.785	ug/L	100
34) Trichloroethene	5.918	95	170360	55.607	ug/L	99
35) Methylcyclohexane	6.133	83	284359	60.926	ug/L	99
37) 1,2-Dichloropropane	6.175	63	179373	56.732	ug/L	99
38) Bromodichloromethane	6.509	83	227650	56.031	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	241988	56.838	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	347952	109.031	ug/L	100
42) Toluene	7.387	91	756017	59.408	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	227835	58.030	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	176275	54.925	ug/L	98
46) Tetrachloroethene	7.976	164	142260	57.459	ug/L	98
48) 2-Hexanone	8.140	43	281742	117.272	ug/L	99
49) Dibromochloromethane	8.246	129	178688	57.843	ug/L	100
50) 1,2-Dibromoethane	8.352	107	181668	55.779	ug/L	98
51) Chlorobenzene	8.879	112	480768	55.977	ug/L	97
52) Ethylbenzene	9.011	91	767086	59.209	ug/L	99
53) m,p-Xylene	9.136	106	311916	61.429	ug/L	100
54) o-Xylene	9.542	106	296238	60.253	ug/L	100
55) Styrene	9.558	104	537644	62.832	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	269255	53.906	ug/L	99
59) Bromoform	9.728	173	107217	56.699	ug/L	98
60) Isopropylbenzene	9.931	105	768245	58.717	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	196830	51.165	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	631396	59.498	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	638080	60.386	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	372871	56.276	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	386469	56.247	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	373948	55.385	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	43709	50.873	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	253643	55.618	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	205946	53.725	ug/L	99
71) Naphthalene	13.500	128	570285	51.752	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	212685	54.652	ug/L	99

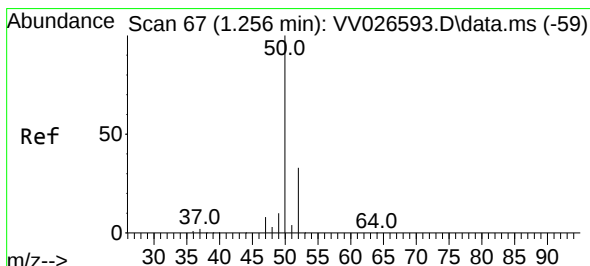
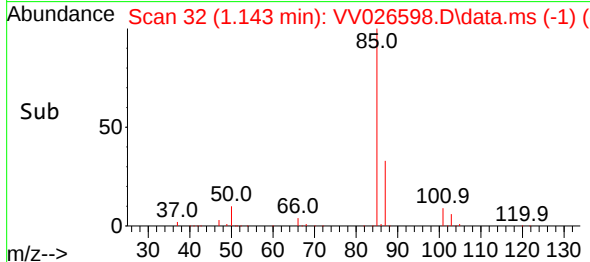
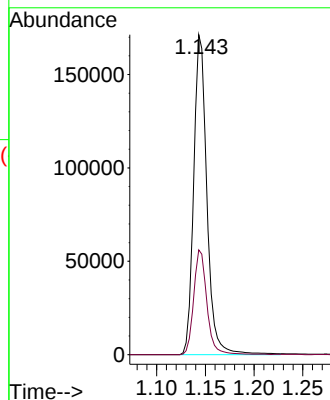
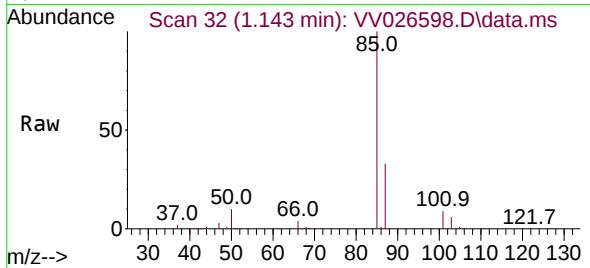
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#2
Dichlorodifluoromethane
Concen: 60.102 ug/L
RT: 1.143 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

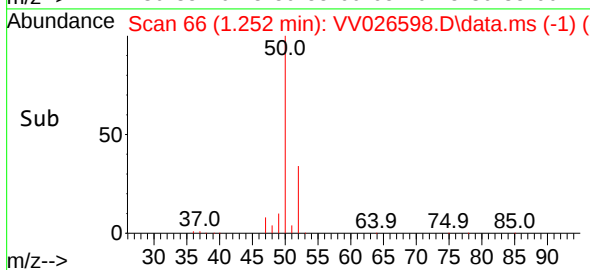
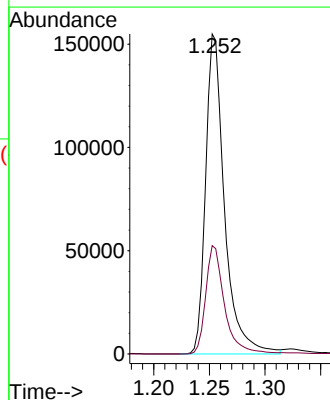
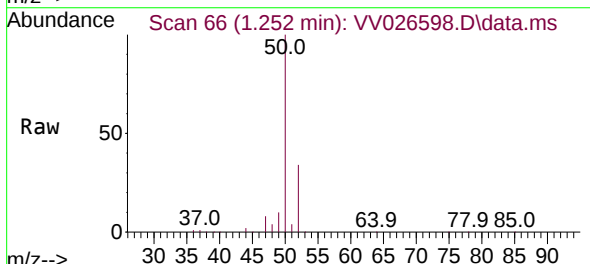
Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

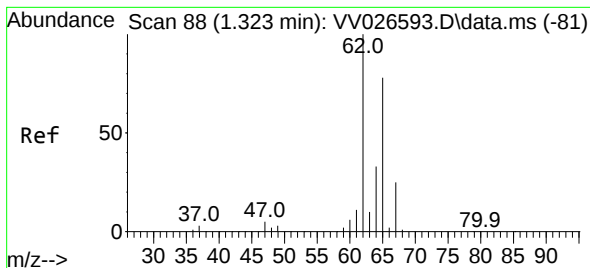
Tgt Ion: 85 Resp: 162244
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.8



#3
Chloromethane
Concen: 54.603 ug/L
RT: 1.252 min Scan# 66
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion: 50 Resp: 182760
Ion Ratio Lower Upper
50 100
52 33.8 23.1 42.9

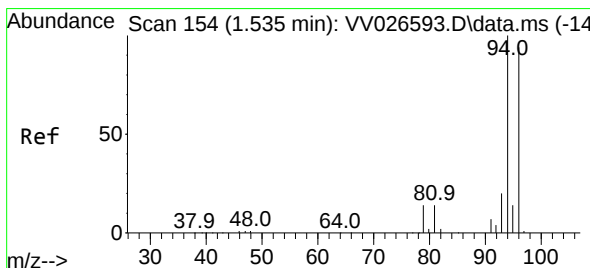
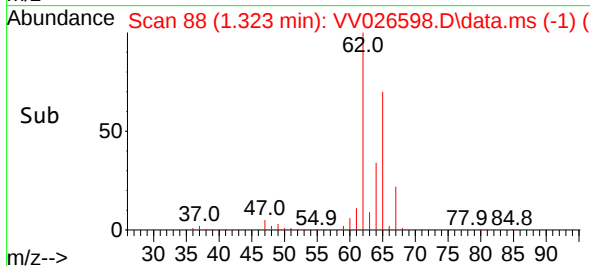
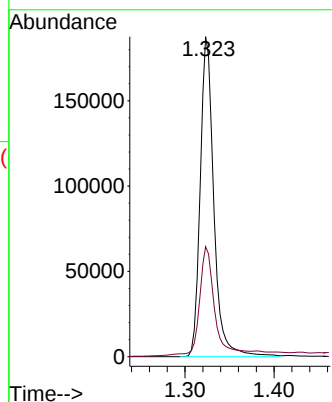
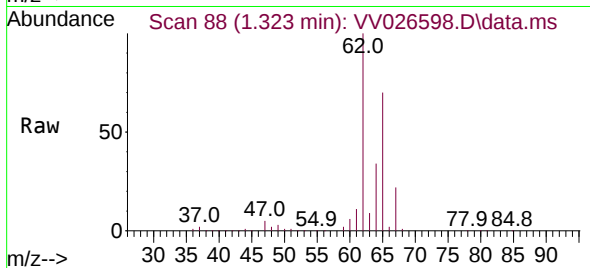




#5
 Vinyl chloride
 Concen: 56.538 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: VV026598.D
 Acq: 30 Jun 2022 09:50

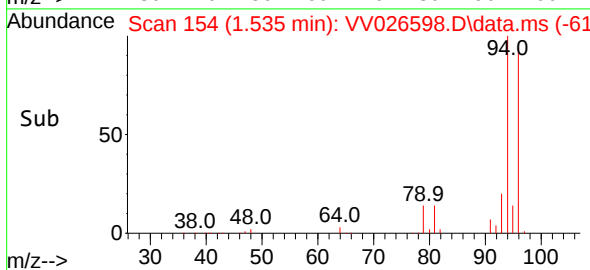
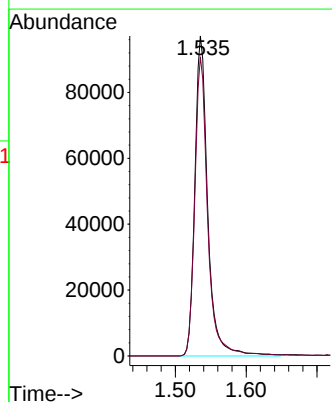
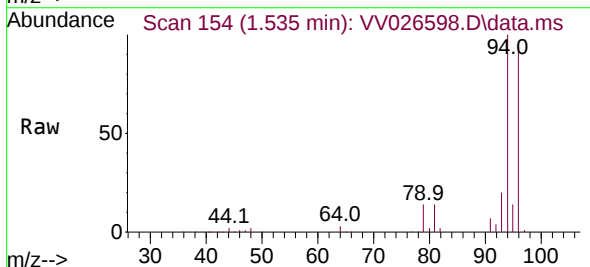
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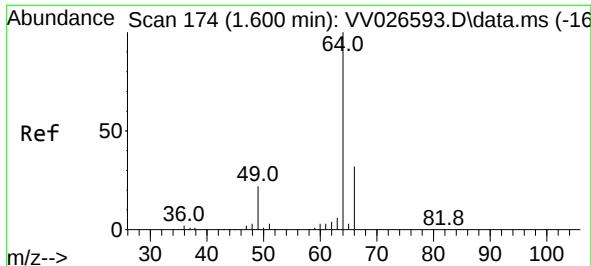
Tgt Ion: 62 Resp: 199903
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.7 44.1



#6
 Bromomethane
 Concen: 55.097 ug/L
 RT: 1.535 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VV026598.D
 Acq: 30 Jun 2022 09:50

Tgt Ion: 94 Resp: 122635
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.6 121.8

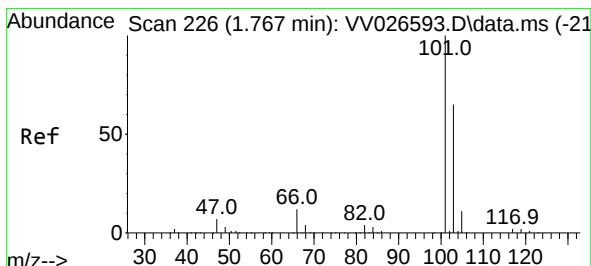
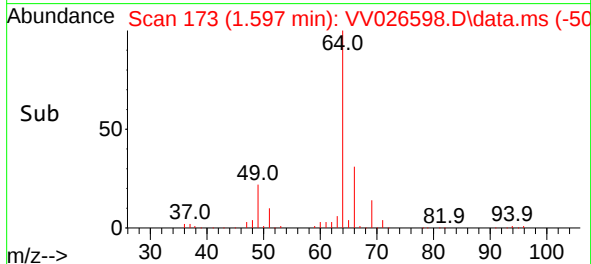
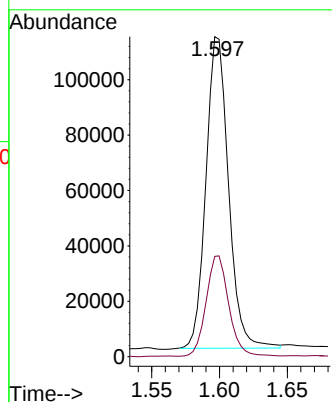
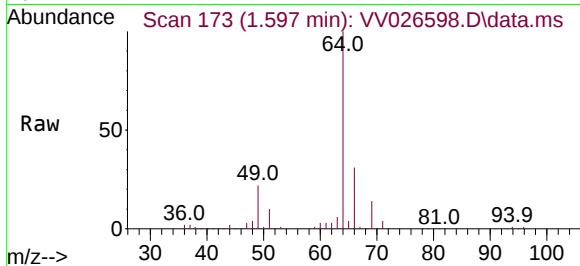




#8
Chloroethane
Concen: 54.991 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

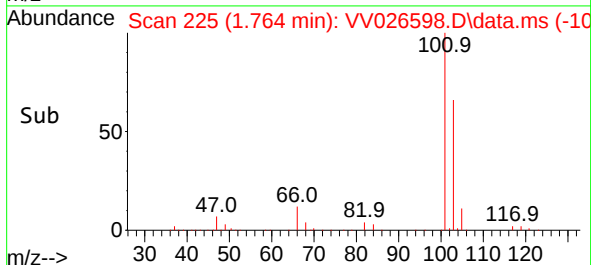
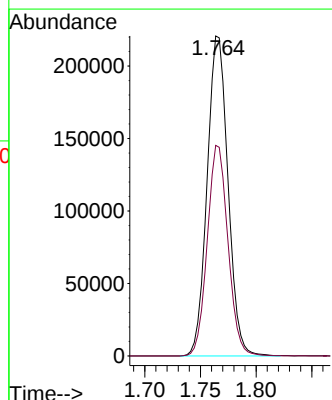
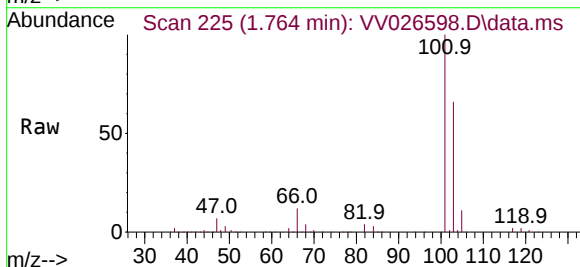
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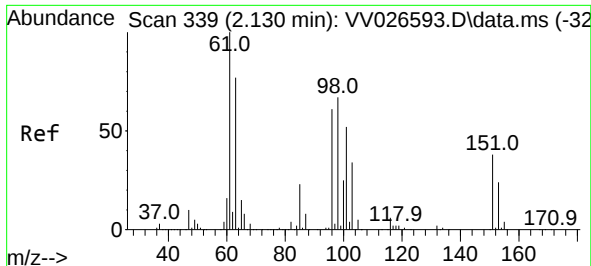
Tgt Ion: 64 Resp: 130470
Ion Ratio Lower Upper
64 100
66 31.4 21.6 40.0



#9
Trichlorofluoromethane
Concen: 57.993 ug/L
RT: 1.764 min Scan# 225
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion:101 Resp: 287694
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.6

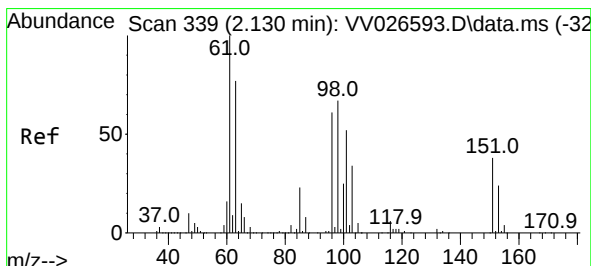
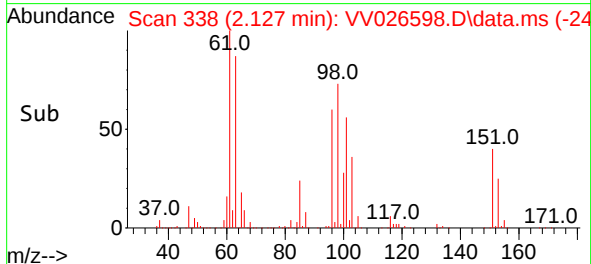
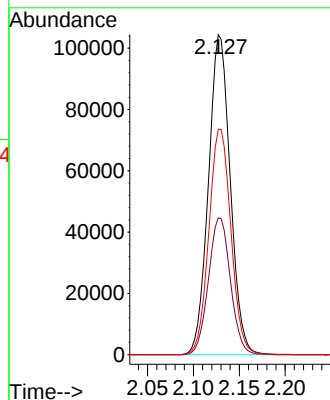
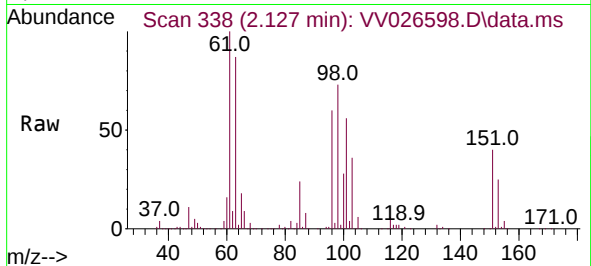




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 59.300 ug/L
 RT: 2.127 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV026598.D
 Acq: 30 Jun 2022 09:50

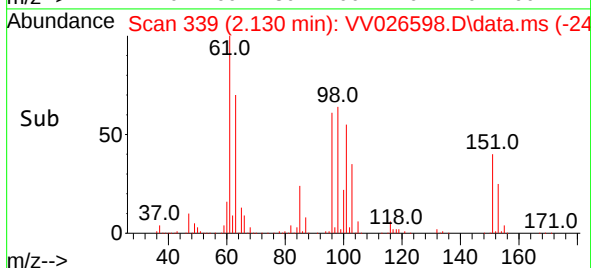
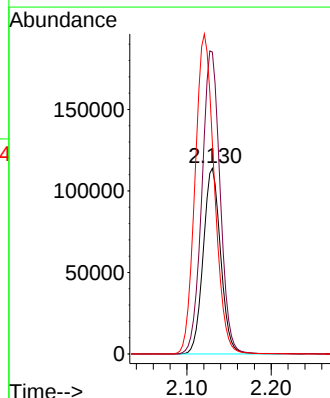
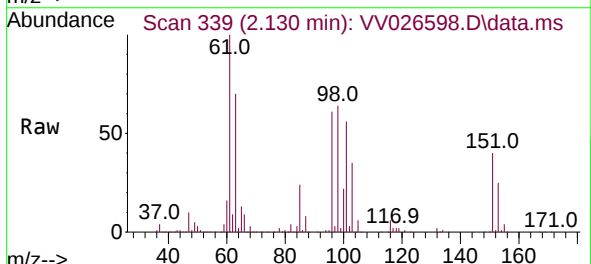
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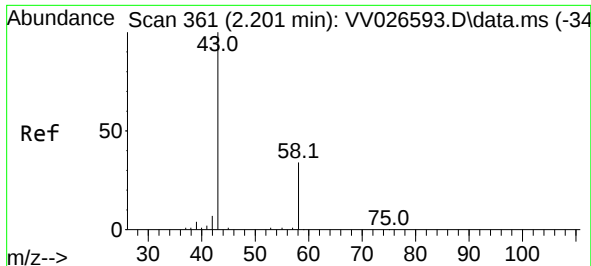
Tgt Ion:101 Resp: 172701
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.5 51.7
 151 71.4 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 57.232 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. 0.000 min
 Lab File: VV026598.D
 Acq: 30 Jun 2022 09:50

Tgt Ion: 96 Resp: 164211
 Ion Ratio Lower Upper
 96 100
 61 162.6 114.9 213.5
 63 113.8 88.8 164.8





#13

Acetone

Concen: 109.043 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

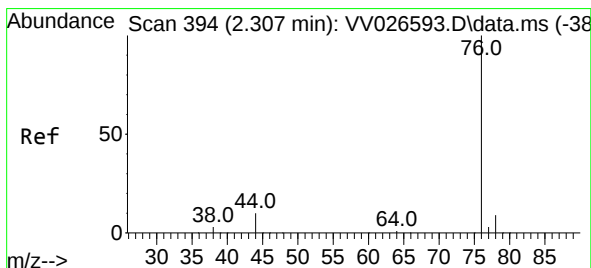
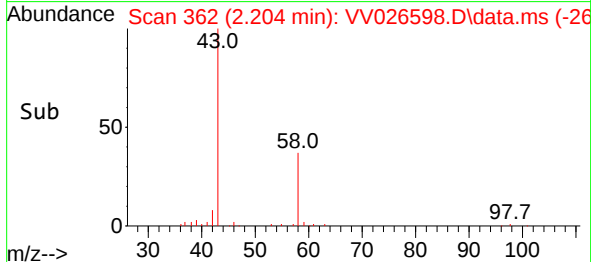
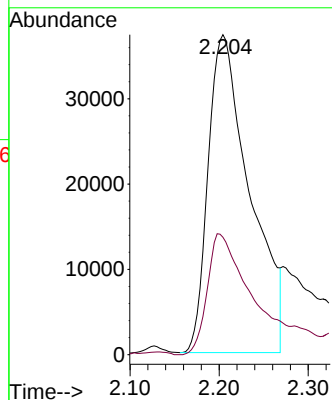
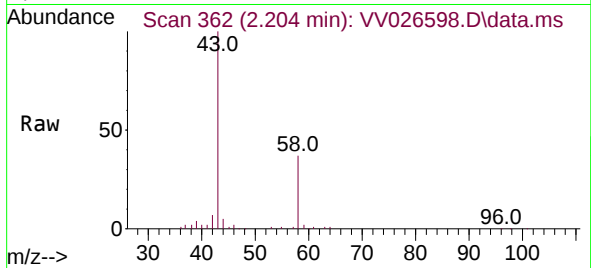
VSTD050302

Tgt Ion: 43 Resp: 121645

Ion Ratio Lower Upper

43 100

58 39.8 0.0 65.0



#14

Carbon disulfide

Concen: 56.398 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.003 min

Lab File: VV026598.D

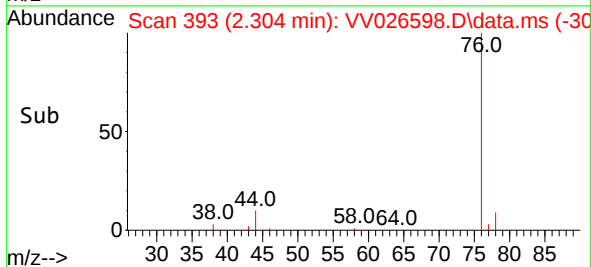
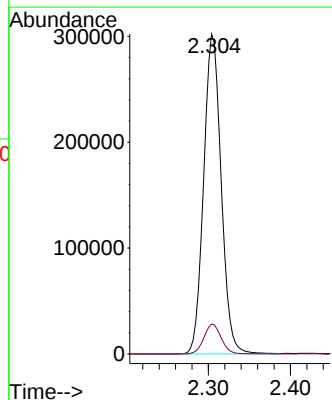
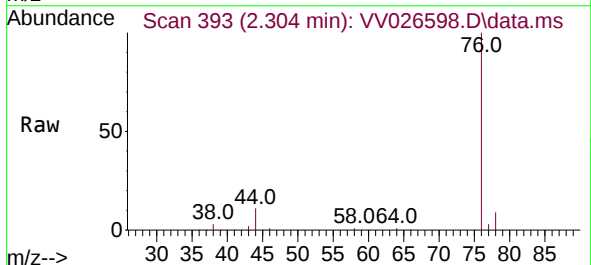
Acq: 30 Jun 2022 09:50

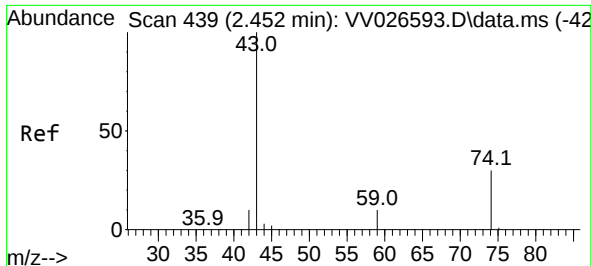
Tgt Ion: 76 Resp: 448746

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

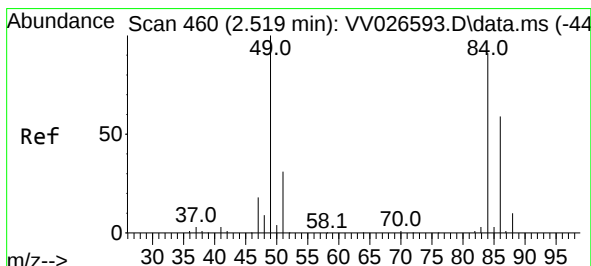
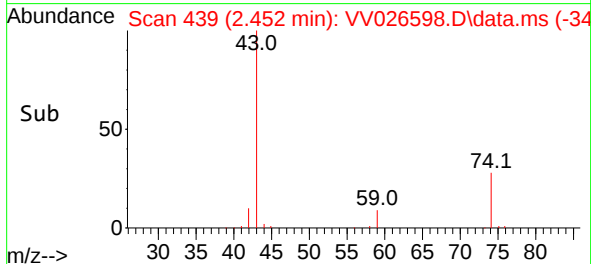
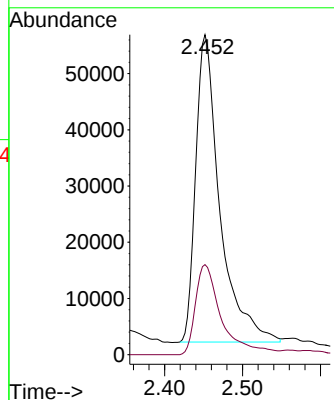
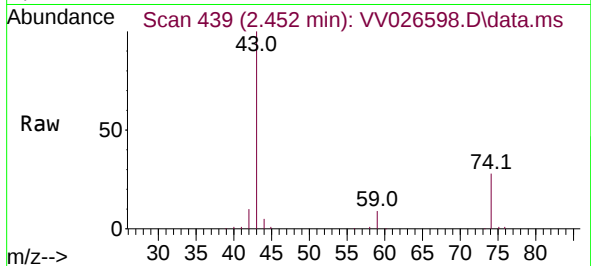




#15
Methyl Acetate
Concen: 50.180 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

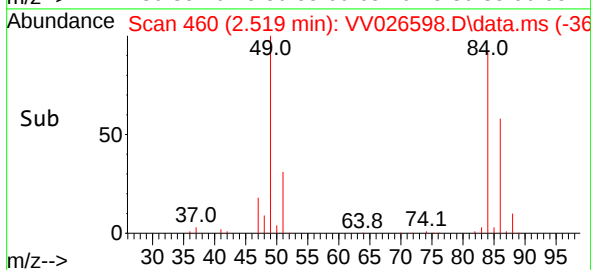
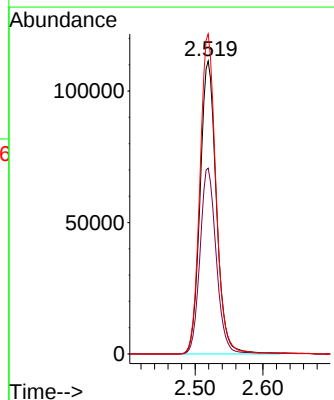
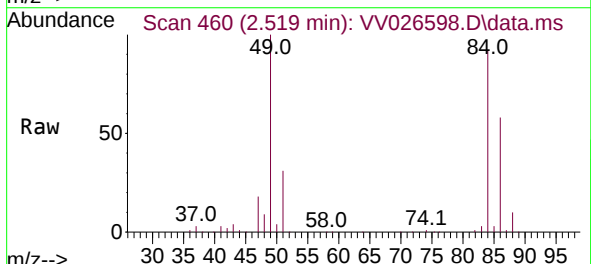
Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

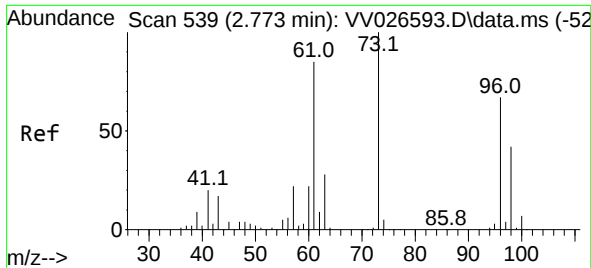
Tgt Ion: 43 Resp: 117583
Ion Ratio Lower Upper
43 100
74 31.6 22.2 33.4



#16
Methylene chloride
Concen: 55.235 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion: 84 Resp: 186047
Ion Ratio Lower Upper
84 100
86 63.4 45.4 84.2
49 109.2 76.5 142.1

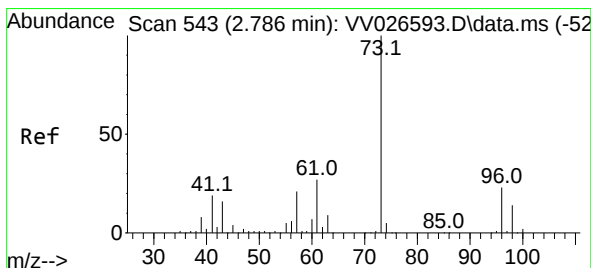
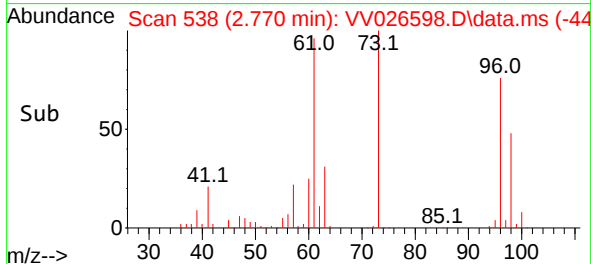
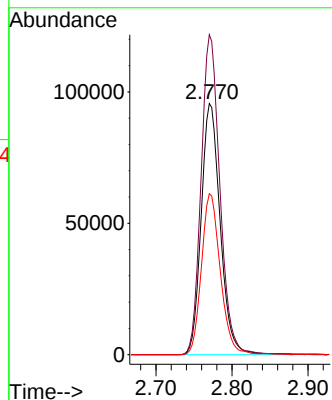
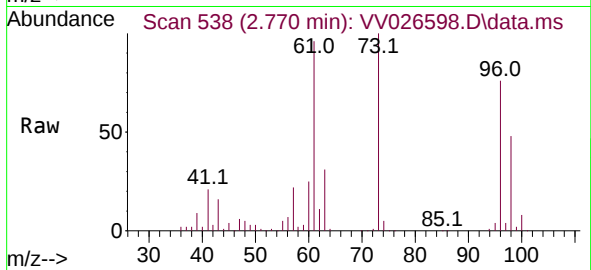




#17
trans-1,2-Dichloroethene
Concen: 55.935 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

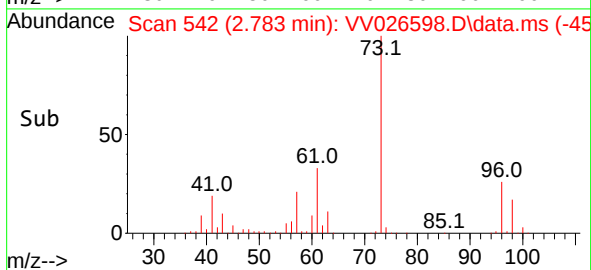
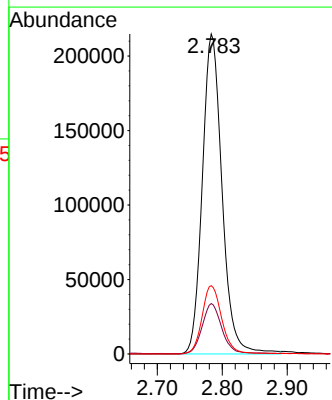
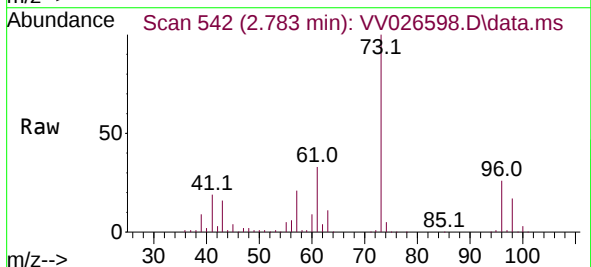
Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

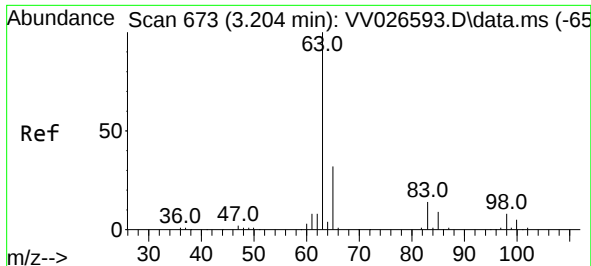
Tgt Ion: 96 Resp: 165578
Ion Ratio Lower Upper
96 100
61 127.3 88.4 164.2
98 64.0 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 54.708 ug/L
RT: 2.783 min Scan# 542
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion: 73 Resp: 454193
Ion Ratio Lower Upper
73 100
43 15.3 12.7 19.1
57 21.3 17.3 25.9





#19

1,1-Dichloroethane

Concen: 55.245 ug/L

RT: 3.201 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD050302

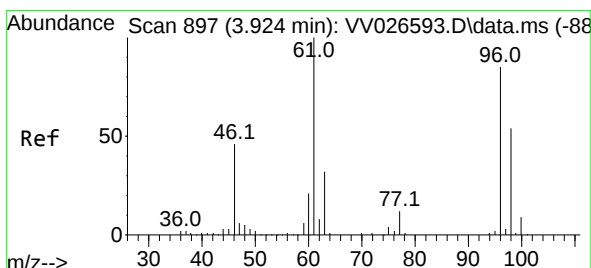
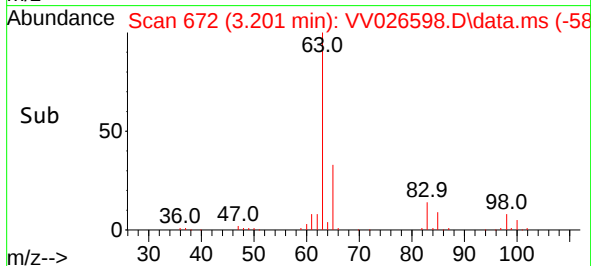
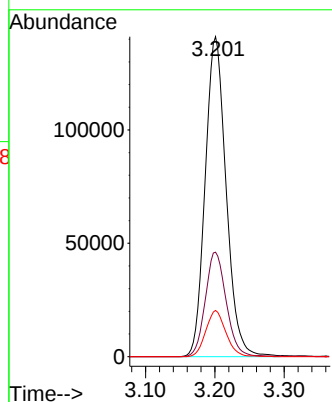
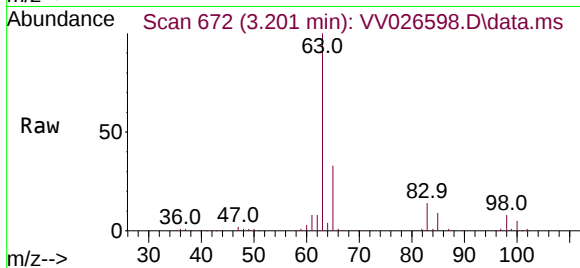
Tgt Ion: 63 Resp: 296046

Ion Ratio Lower Upper

63 100

65 32.7 22.2 41.2

83 14.5 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 54.599 ug/L

RT: 3.921 min Scan# 896

Delta R.T. -0.003 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

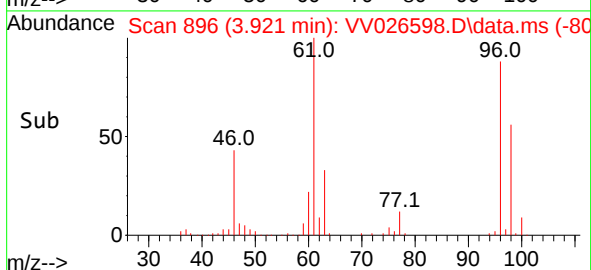
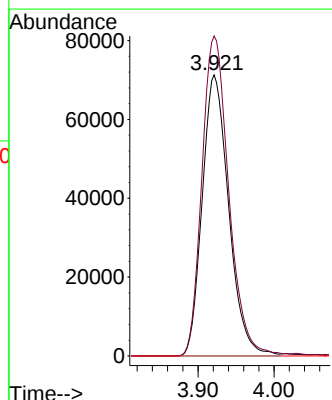
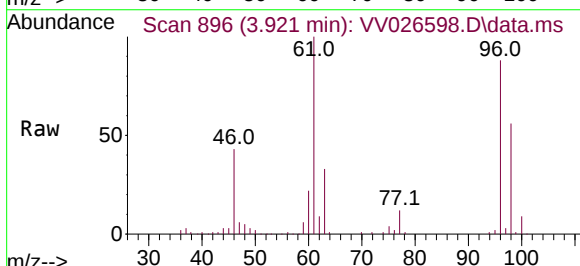
Tgt Ion: 96 Resp: 172677

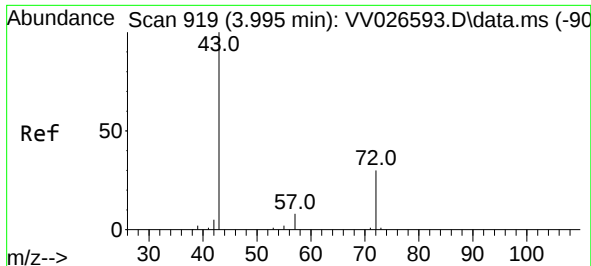
Ion Ratio Lower Upper

96 100

61 113.8 82.6 153.4

68 0.0 0.0 0.0

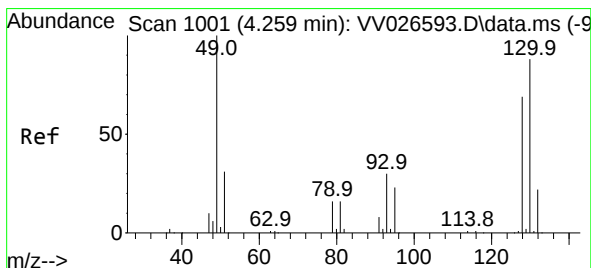
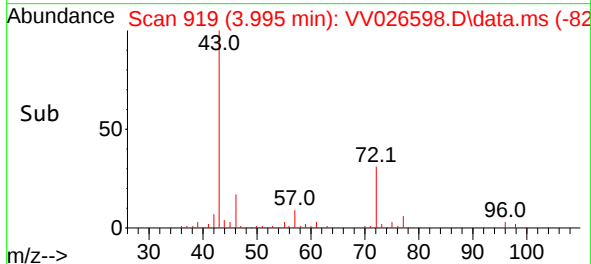
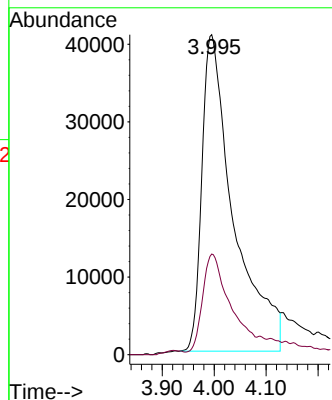
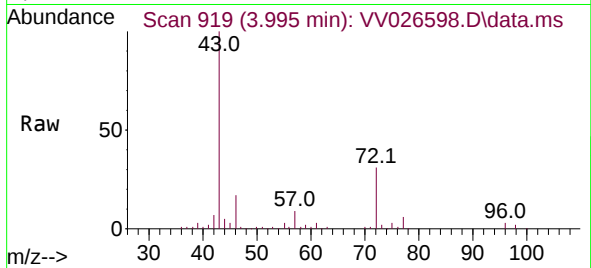




#22
2-Butanone
Concen: 115.422 ug/L
RT: 3.995 min Scan# 919
Delta R.T. 0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

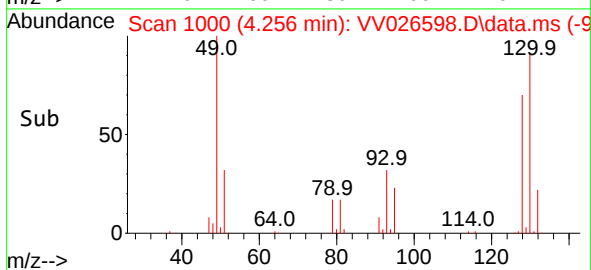
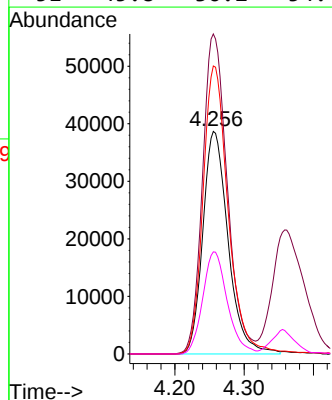
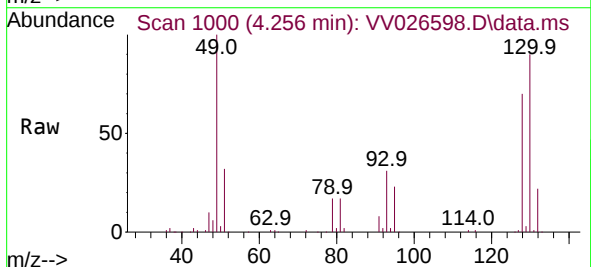
Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

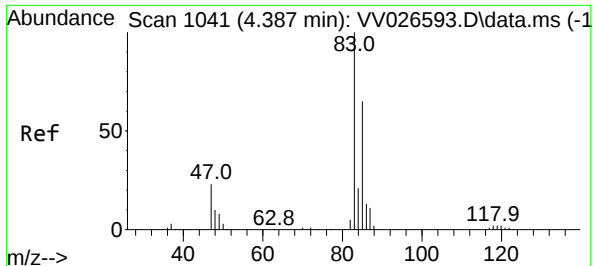
Tgt Ion: 43 Resp: 172539
Ion Ratio Lower Upper
43 100
72 27.0 14.2 42.8



#23
Bromochloromethane
Concen: 54.803 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion: 128 Resp: 98033
Ion Ratio Lower Upper
128 100
49 143.8 102.3 190.1
130 129.4 90.2 167.6
51 45.8 36.2 54.4





#25

Chloroform

Concen: 55.599 ug/L

RT: 4.384 min Scan# 1041

Delta R.T. -0.003 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

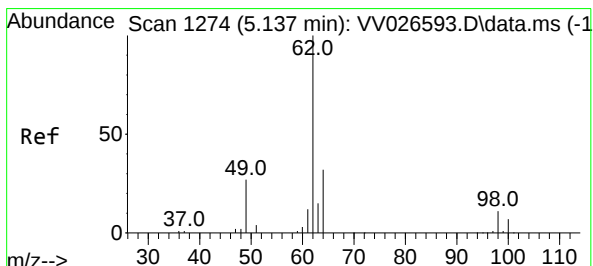
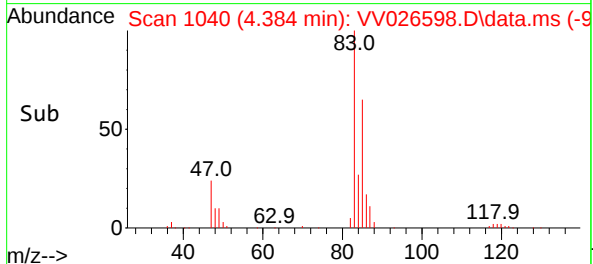
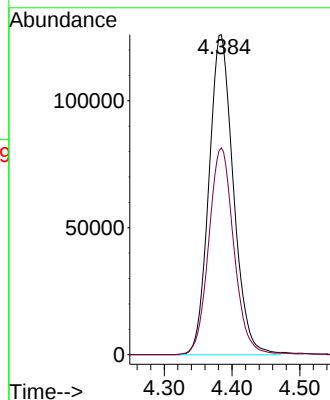
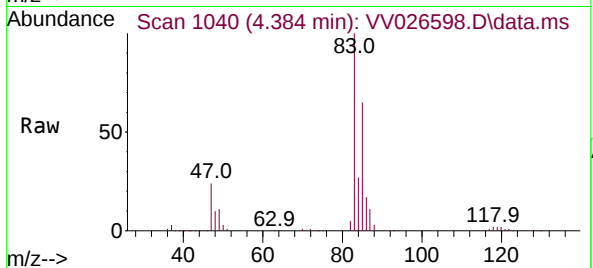
VSTD050302

Tgt Ion: 83 Resp: 315310

Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.4



#27

1,2-Dichloroethane

Concen: 56.030 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VV026598.D

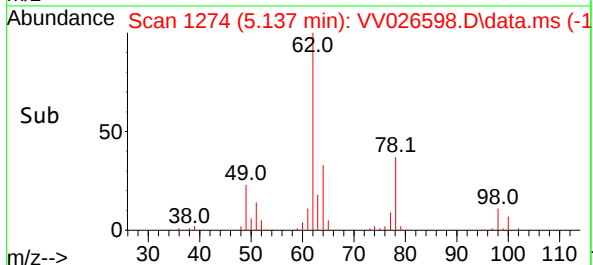
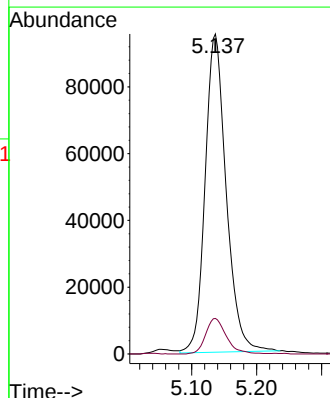
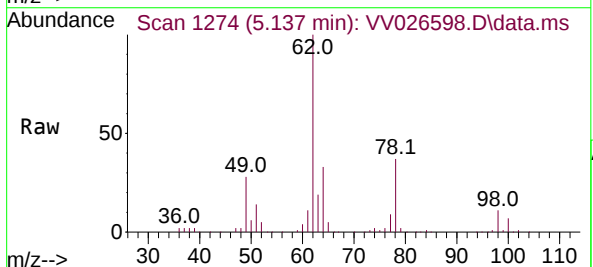
Acq: 30 Jun 2022 09:50

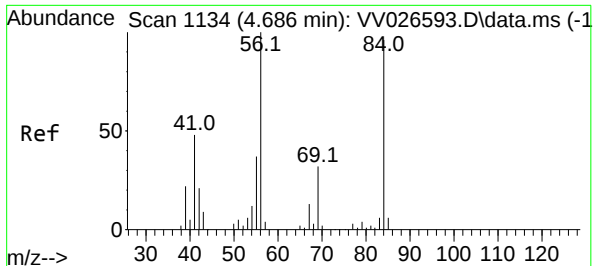
Tgt Ion: 62 Resp: 214751

Ion Ratio Lower Upper

62 100

98 11.1 8.8 13.2





#29

Cyclohexane

Concen: 59.059 ug/L

RT: 4.683 min Scan# 1113

Delta R.T. -0.003 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD050302

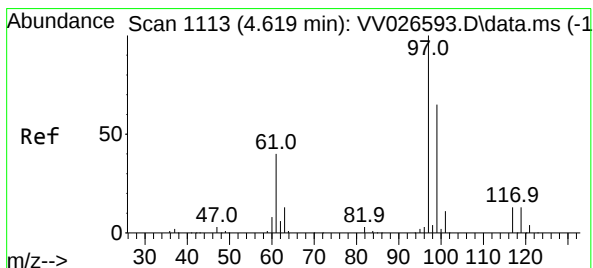
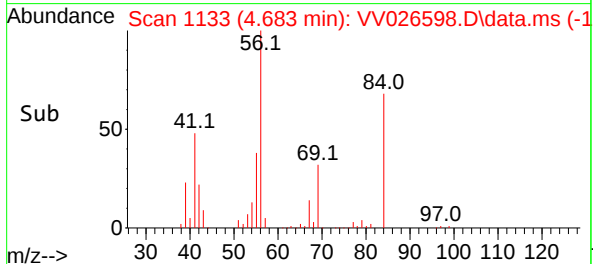
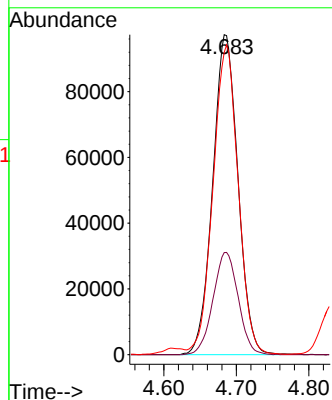
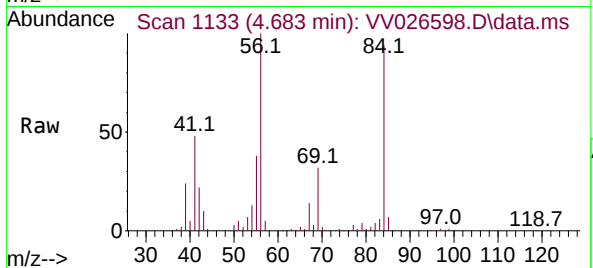
Tgt Ion: 56 Resp: 234979

Ion Ratio Lower Upper

56 100

69 31.9 25.9 38.9

84 96.8 77.8 116.8



#30

1,1,1-Trichloroethane

Concen: 57.109 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. -0.003 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

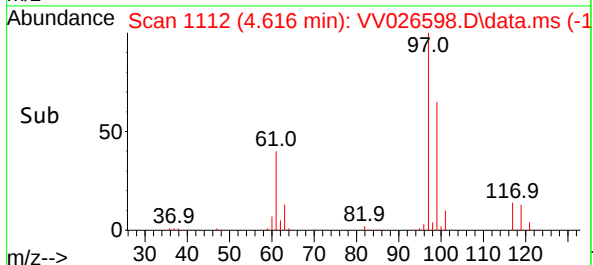
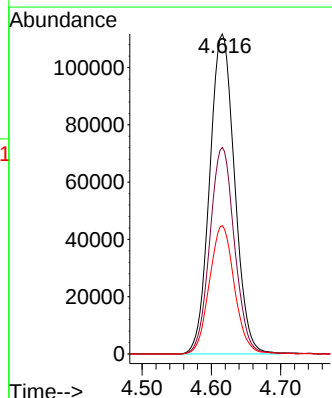
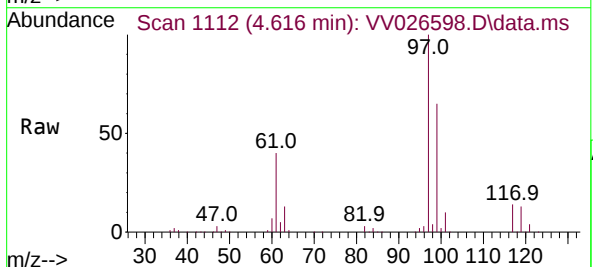
Tgt Ion: 97 Resp: 279308

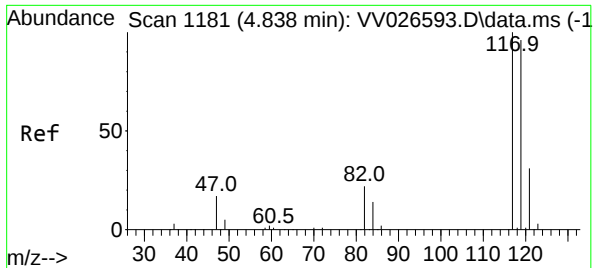
Ion Ratio Lower Upper

97 100

99 64.0 52.1 78.1

61 40.3 31.8 47.6

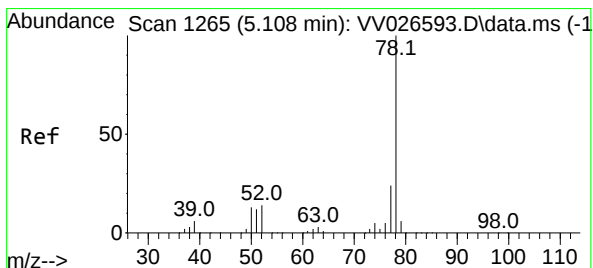
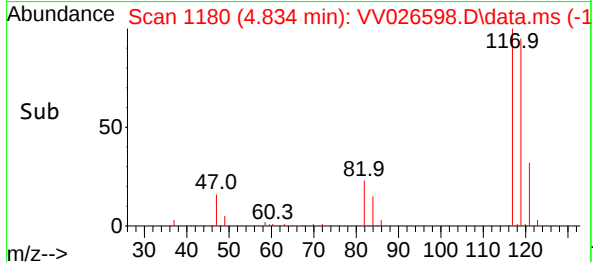
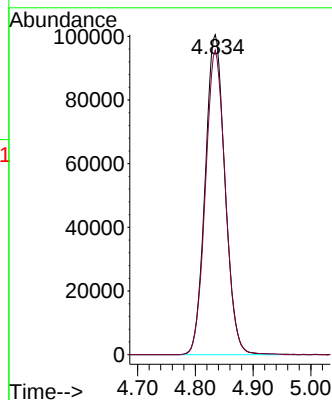
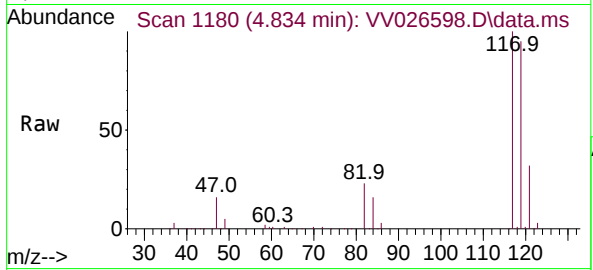




#31
Carbon tetrachloride
Concen: 58.209 ug/L
RT: 4.834 min Scan# 1181
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

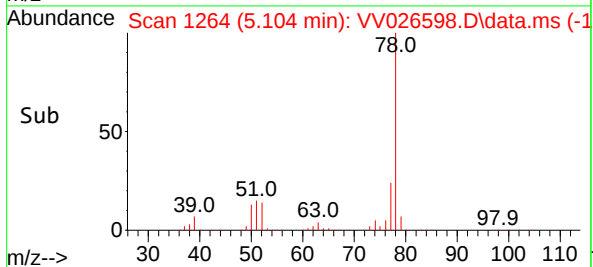
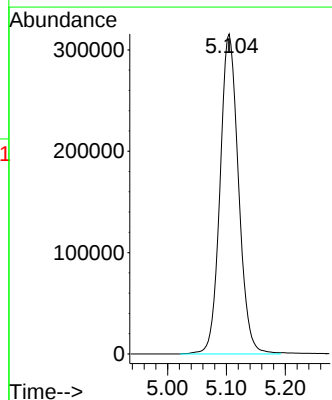
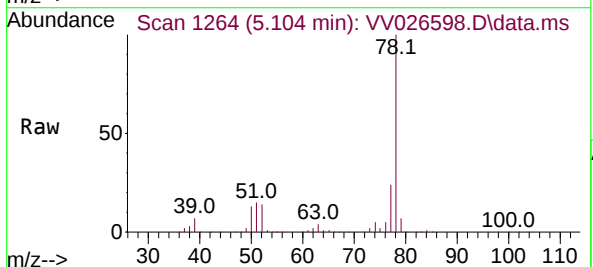
Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

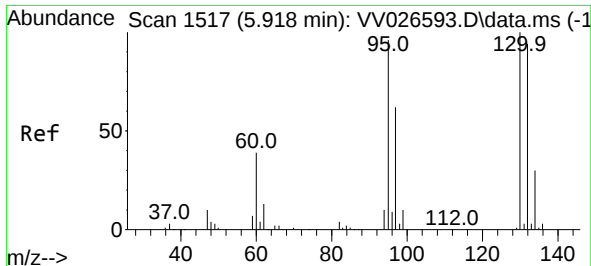
Tgt Ion:117 Resp: 239042
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.4



#33
Benzene
Concen: 56.785 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion: 78 Resp: 689280

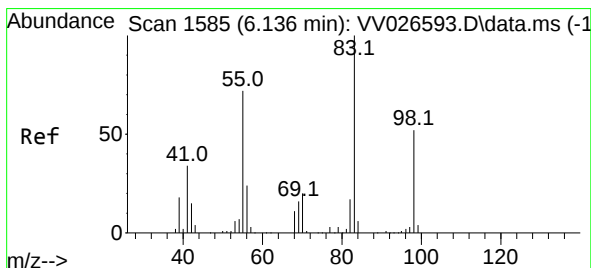
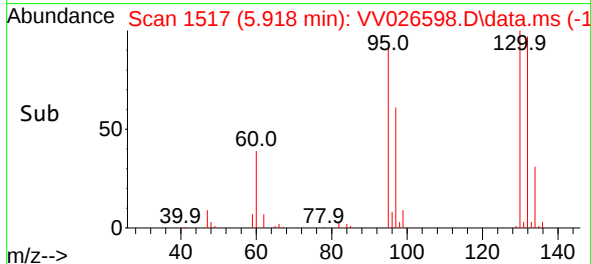
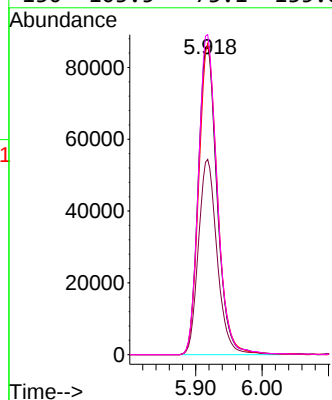
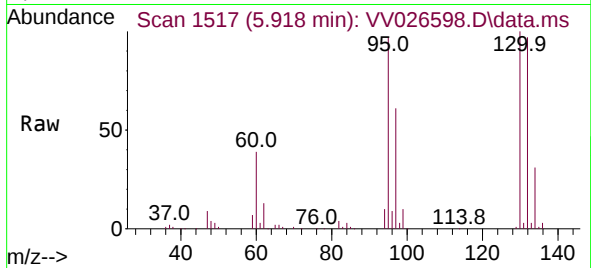




#34
Trichloroethene
Concen: 55.607 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

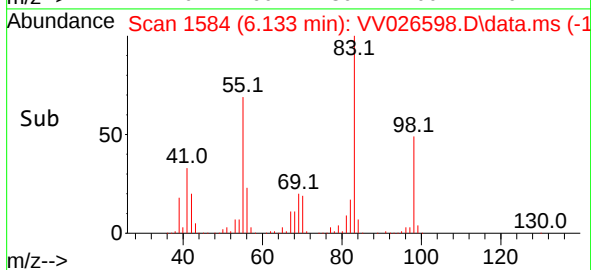
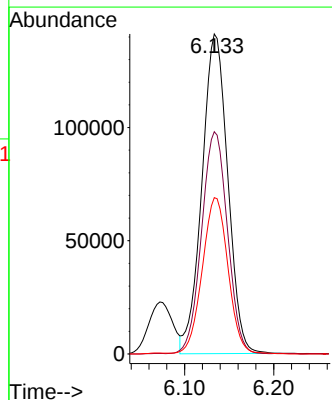
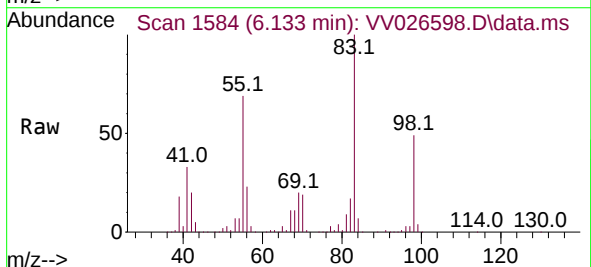
Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

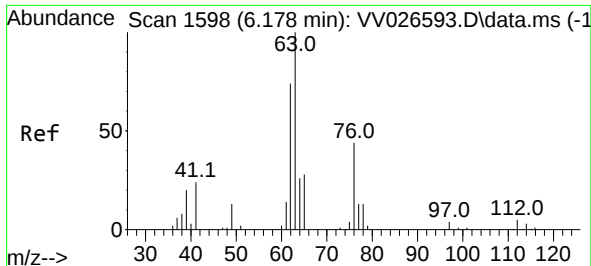
Tgt Ion: 95 Resp: 170360
Ion Ratio Lower Upper
95 100
97 63.2 45.0 83.6
132 100.5 69.0 128.2
130 103.5 73.1 135.8



#35
Methylcyclohexane
Concen: 60.926 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion: 83 Resp: 284359
Ion Ratio Lower Upper
83 100
55 69.6 55.6 83.4
98 48.9 39.8 59.6





#37

1,2-Dichloropropane

Concen: 56.732 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

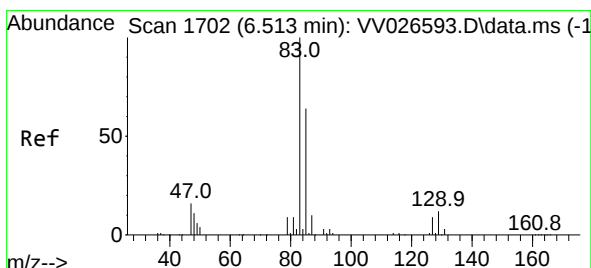
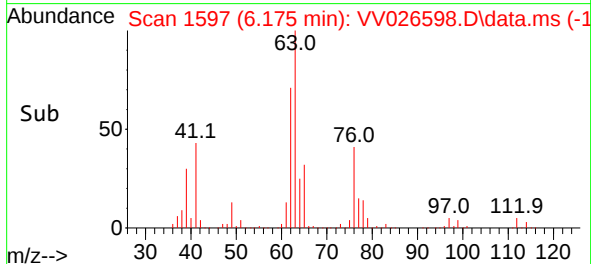
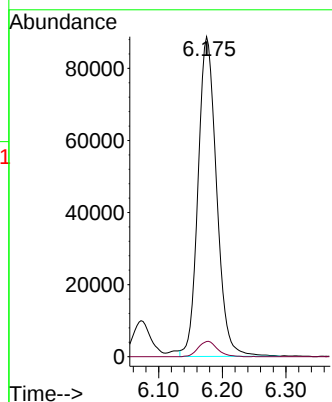
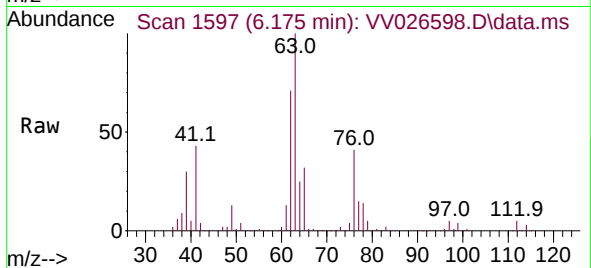
VSTD050302

Tgt Ion: 63 Resp: 179373

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.2



#38

Bromodichloromethane

Concen: 56.031 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

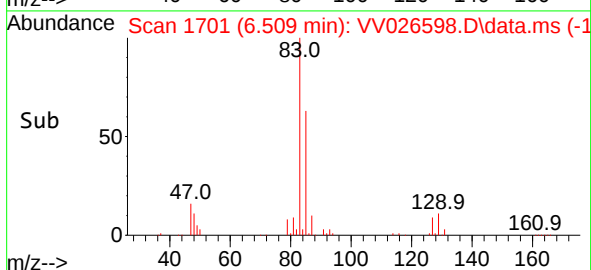
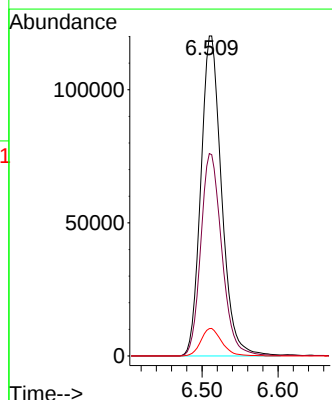
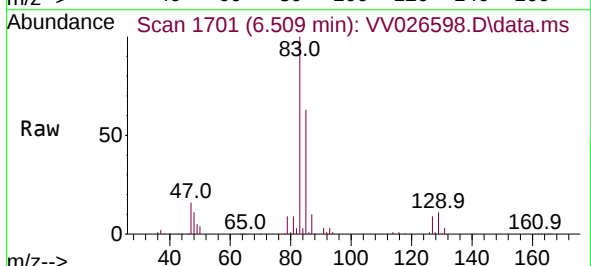
Tgt Ion: 83 Resp: 227650

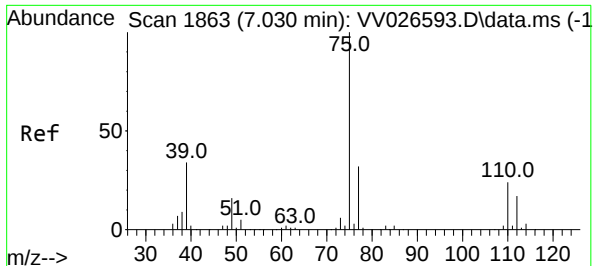
Ion Ratio Lower Upper

83 100

85 63.3 44.6 82.8

127 8.6 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 56.838 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

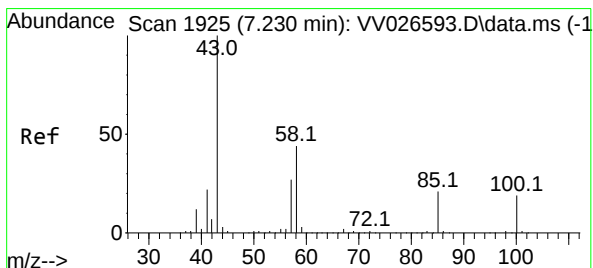
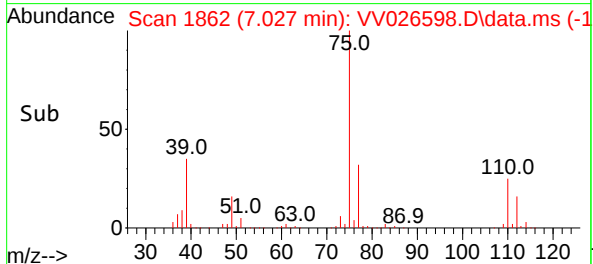
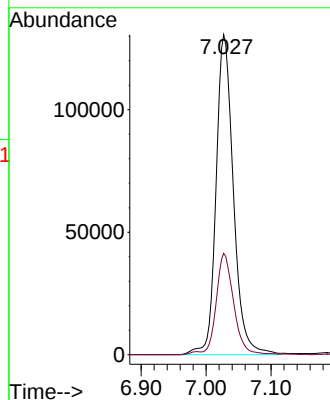
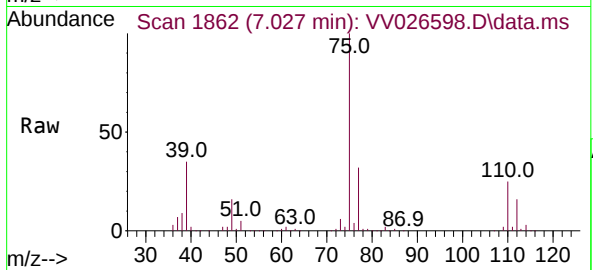
VSTD050302

Tgt Ion: 75 Resp: 241988

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 109.031 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

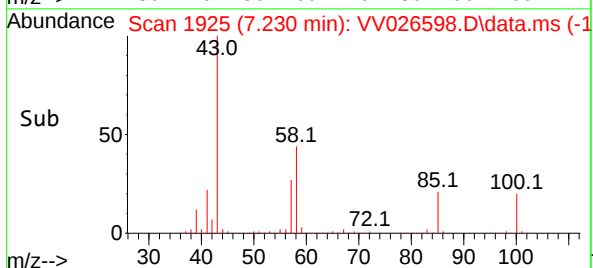
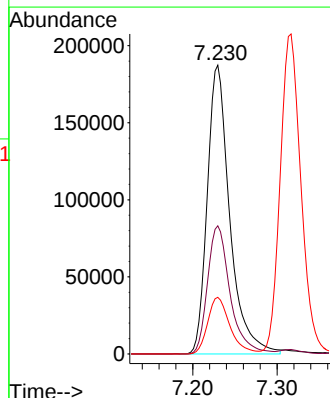
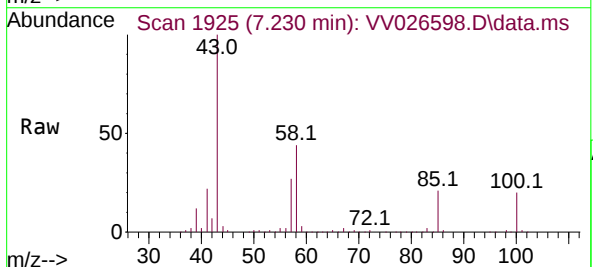
Tgt Ion: 43 Resp: 347952

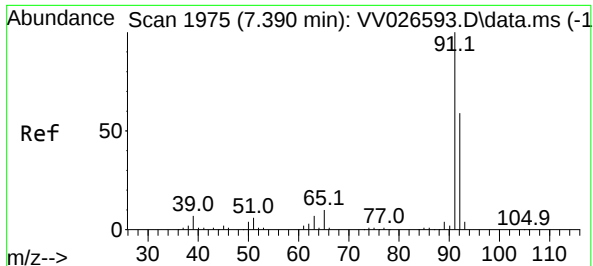
Ion Ratio Lower Upper

43 100

58 44.5 35.8 53.6

100 19.4 15.4 23.0

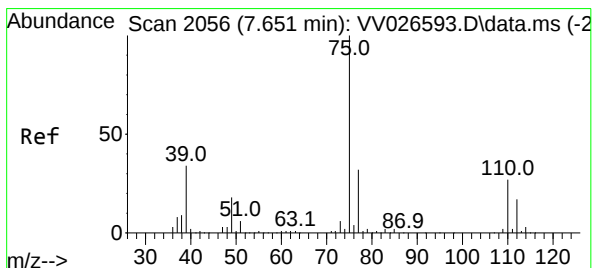
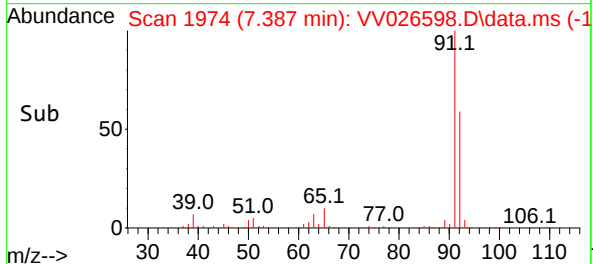
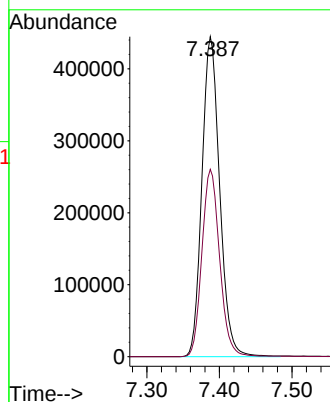
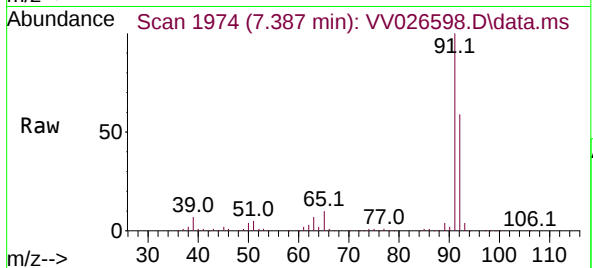




#42
Toluene
Concen: 59.408 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

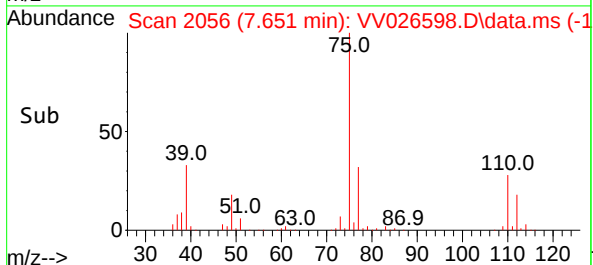
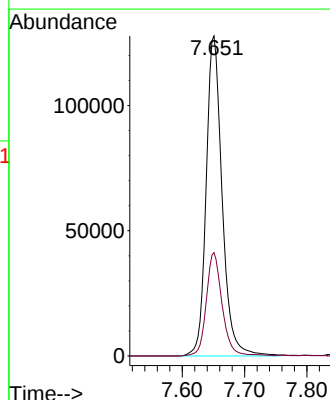
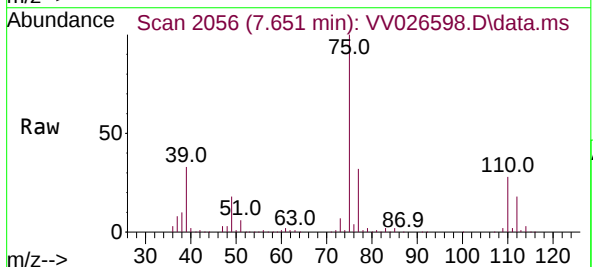
Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

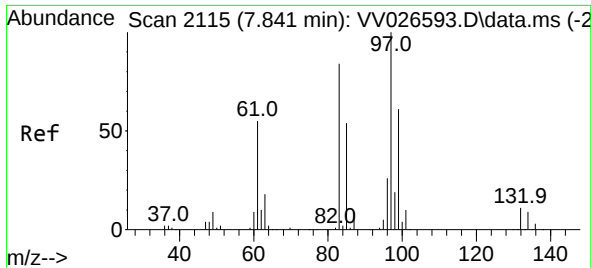
Tgt Ion: 91 Resp: 756017
Ion Ratio Lower Upper
91 100
92 58.6 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 58.030 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion: 75 Resp: 227835
Ion Ratio Lower Upper
75 100
77 32.3 22.6 42.0



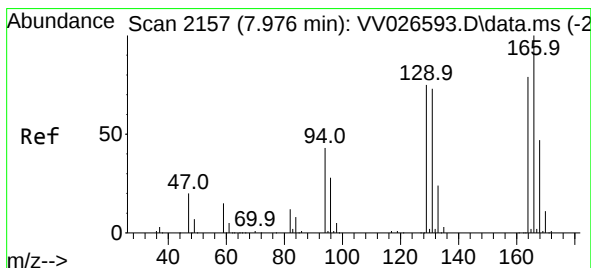
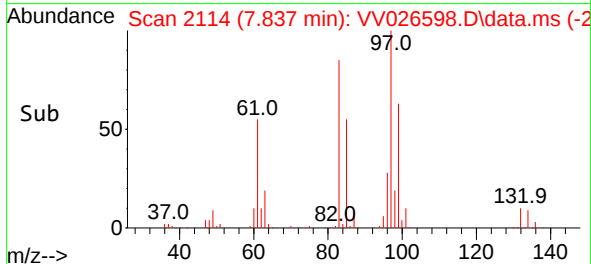
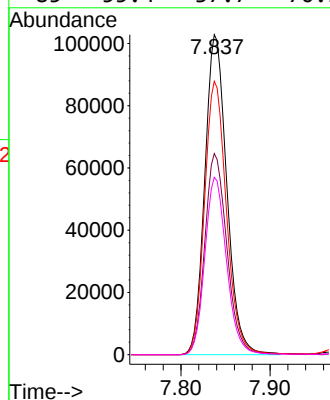
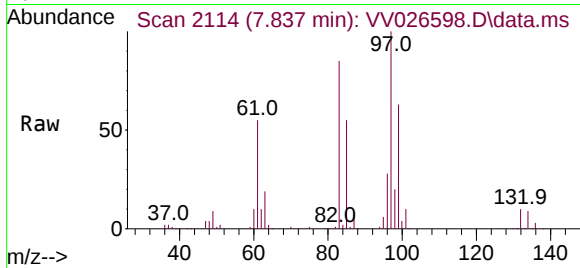


#45
1,1,2-Trichloroethane
Concen: 54.925 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

Tgt Ion: 97 Resp: 176275

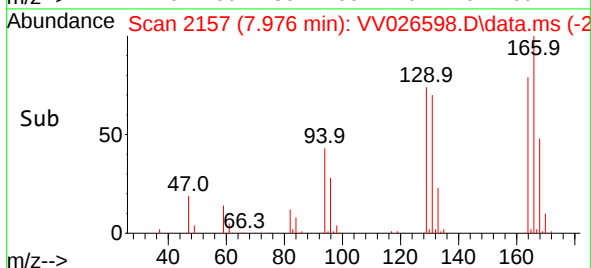
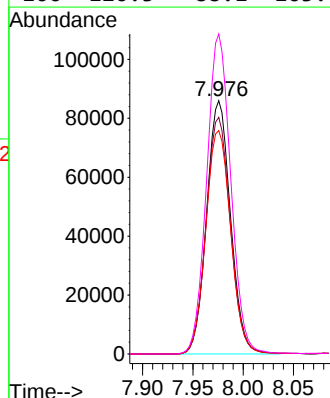
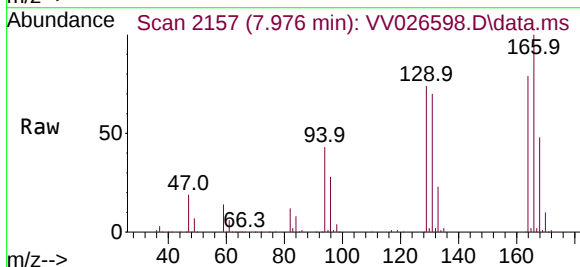
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.8	79.6
83	85.4	59.1	109.7
85	55.4	37.7	70.1

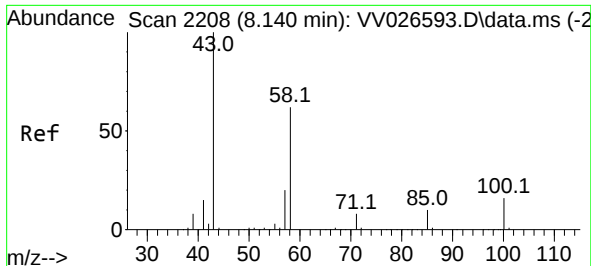


#46
Tetrachloroethene
Concen: 57.459 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion: 164 Resp: 142260

Ion	Ratio	Lower	Upper
164	100		
129	93.4	66.1	122.8
131	88.2	64.2	119.2
166	126.3	88.1	163.7



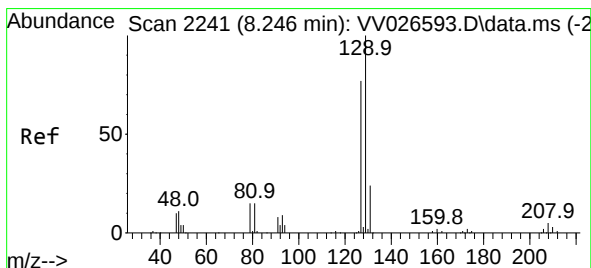
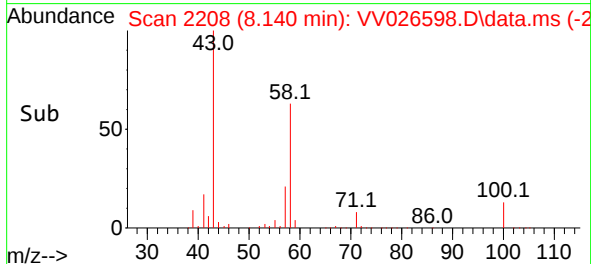
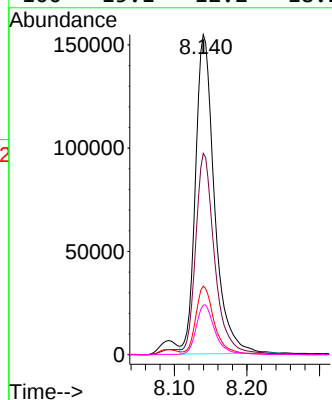
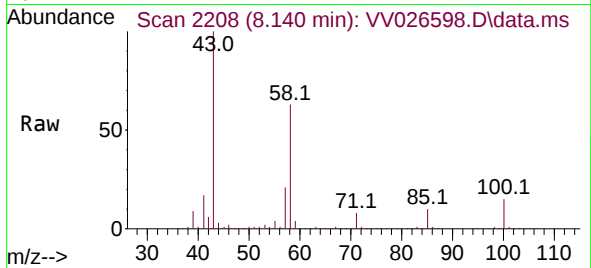


#48
2-Hexanone
Concen: 117.272 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

Tgt Ion: 43 Resp: 281742

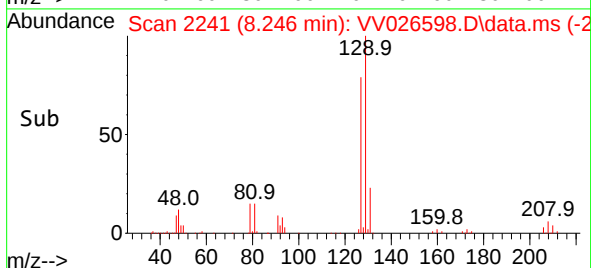
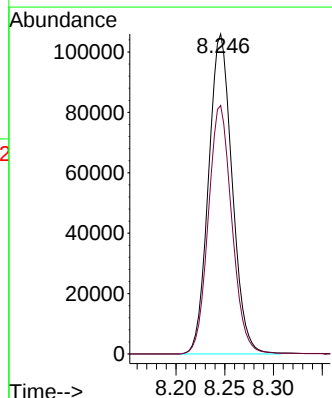
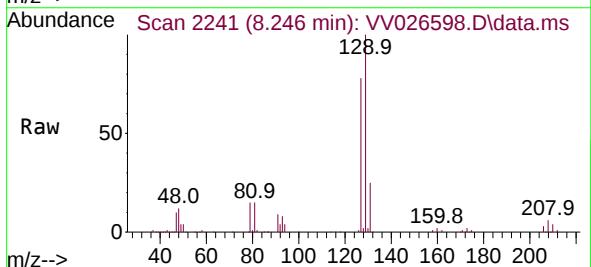
Ion	Ratio	Lower	Upper
43	100		
58	62.7	49.2	73.8
57	20.8	16.5	24.7
100	15.1	12.2	18.2

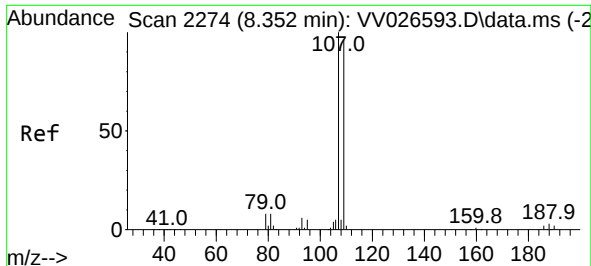


#49
Dibromochloromethane
Concen: 57.843 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion: 129 Resp: 178688

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.1	100.5





#50

1,2-Dibromoethane

Concen: 55.779 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD050302

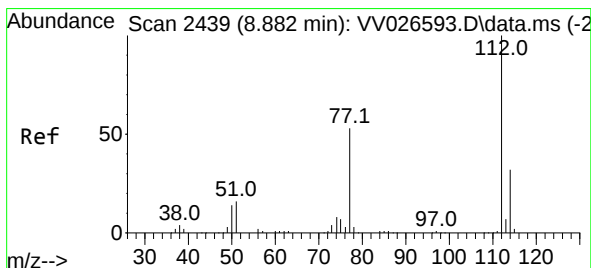
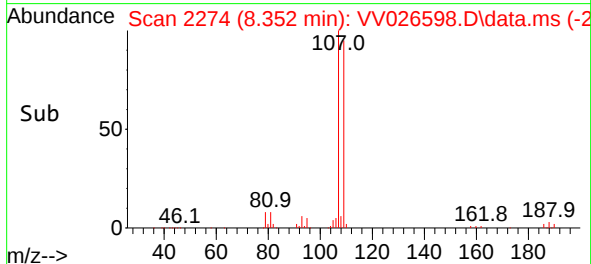
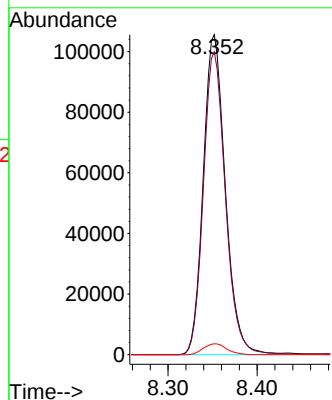
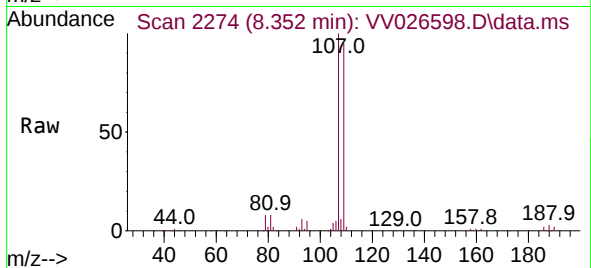
Tgt Ion:107 Resp: 181668

Ion Ratio Lower Upper

107 100

109 94.6 67.3 125.1

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 55.977 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

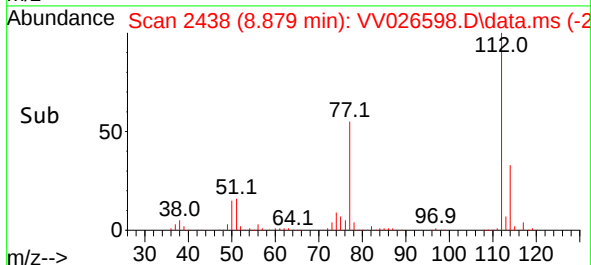
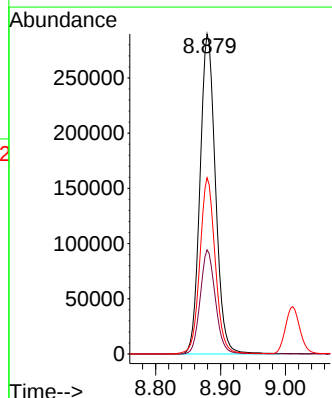
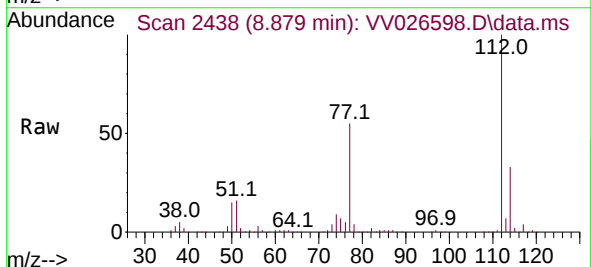
Tgt Ion:112 Resp: 480768

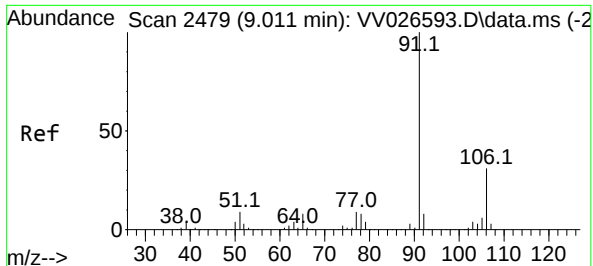
Ion Ratio Lower Upper

112 100

114 32.5 22.0 41.0

77 55.0 42.4 63.6

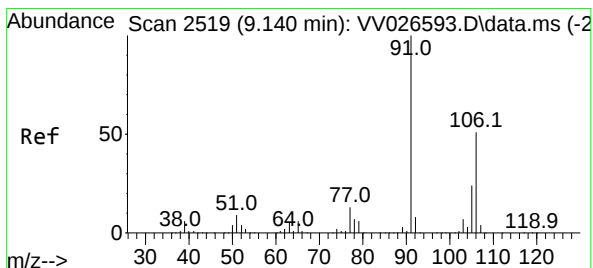
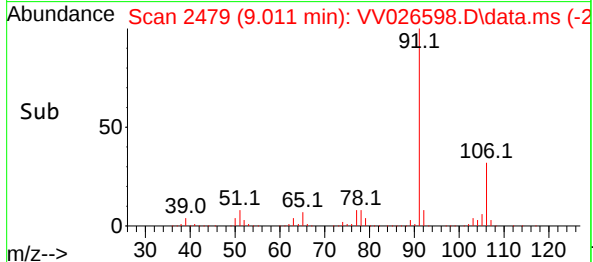
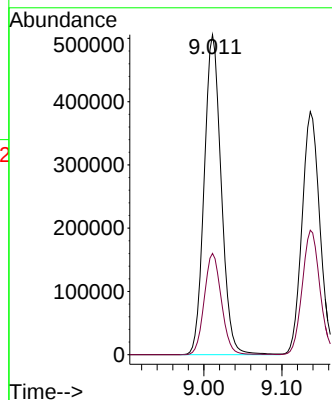
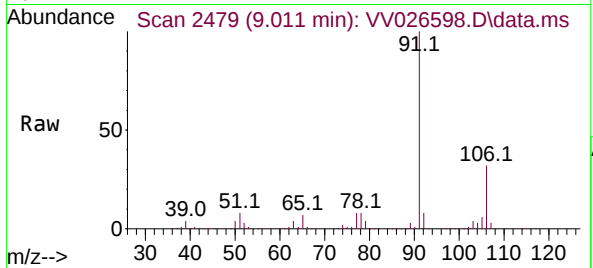




#52
Ethylbenzene
Concen: 59.209 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

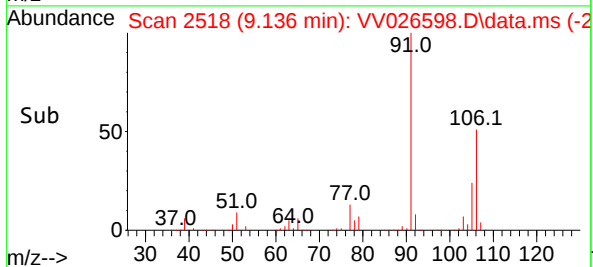
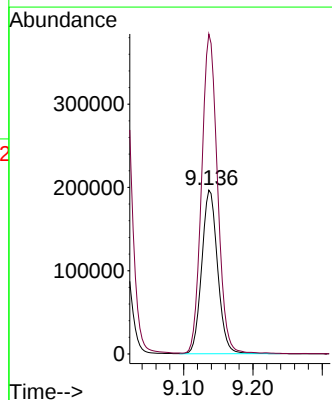
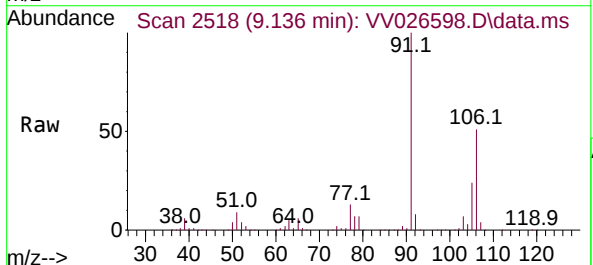
Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

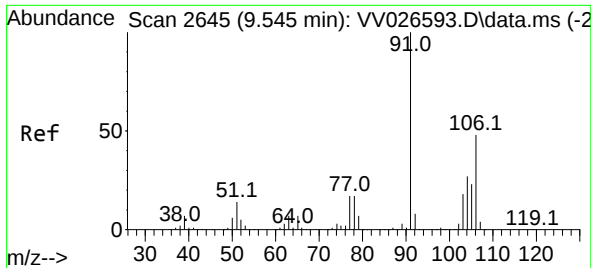
Tgt Ion: 91 Resp: 767086
Ion Ratio Lower Upper
91 100
106 31.7 21.9 40.7



#53
m,p-Xylene
Concen: 61.429 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion: 106 Resp: 311916
Ion Ratio Lower Upper
106 100
91 195.2 136.5 253.5

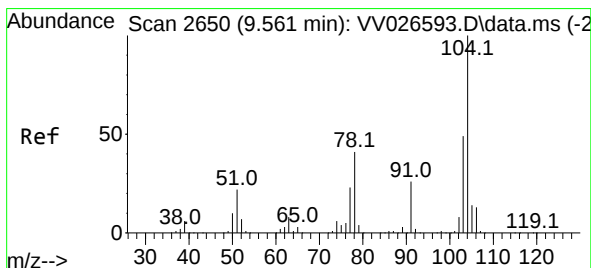
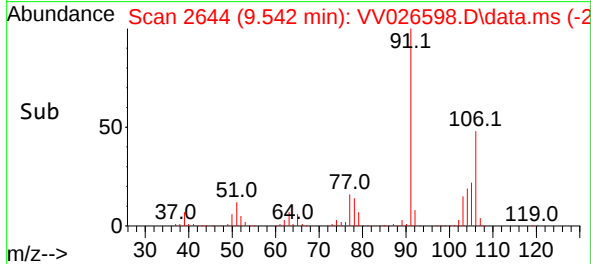
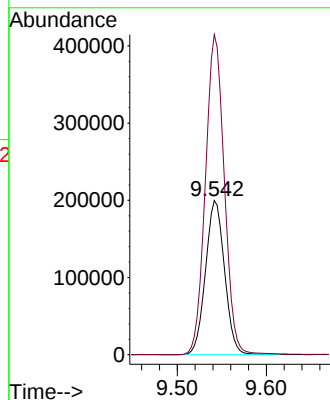
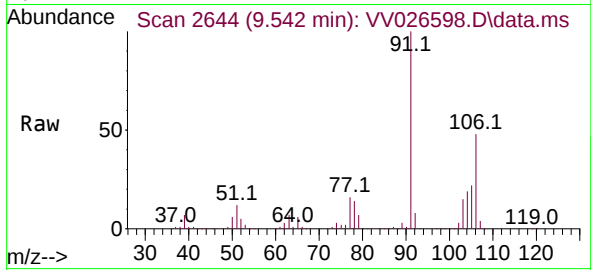




#54
o-Xylene
Concen: 60.253 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

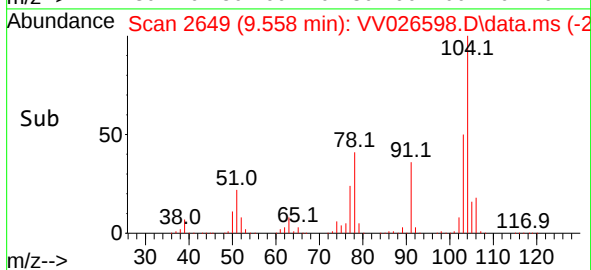
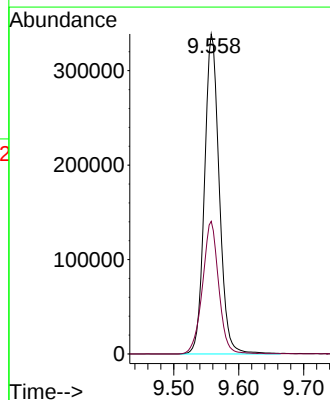
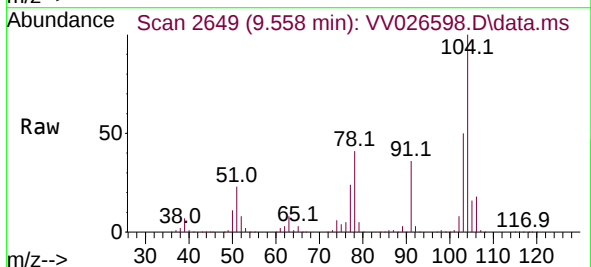
Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

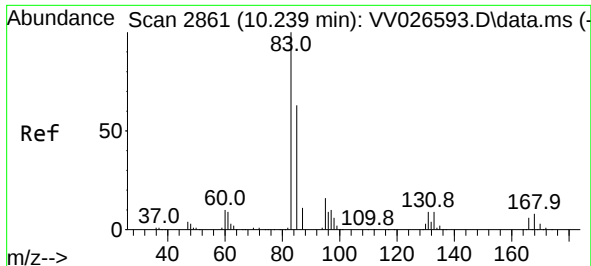
Tgt Ion:106 Resp: 296238
Ion Ratio Lower Upper
106 100
91 207.7 145.3 269.9



#55
Styrene
Concen: 62.832 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion:104 Resp: 537644
Ion Ratio Lower Upper
104 100
78 41.5 28.5 52.9

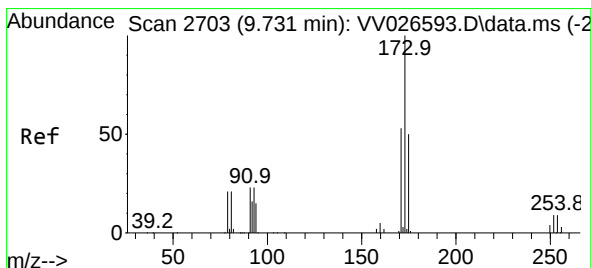
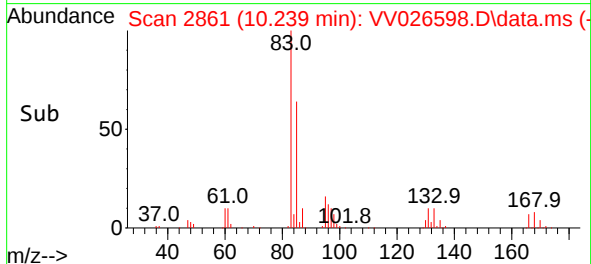
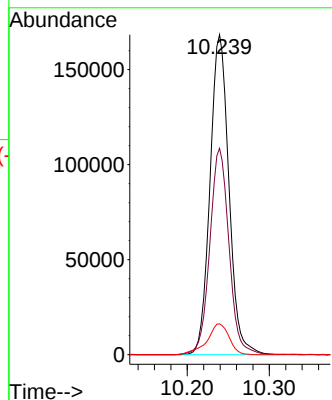
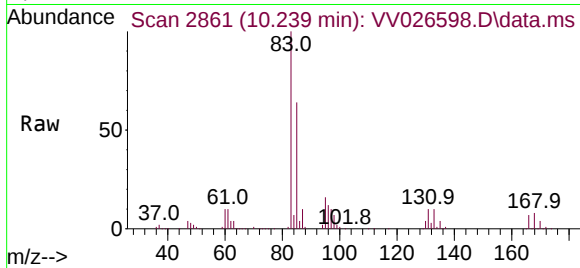




#57
1,1,2,2-Tetrachloroethane
Concen: 53.906 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

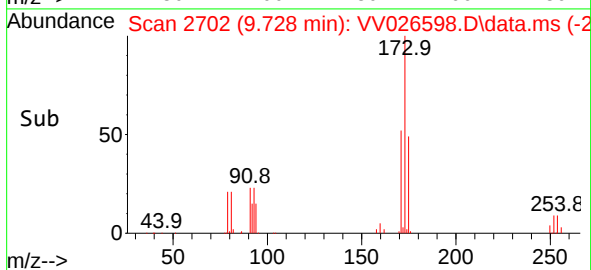
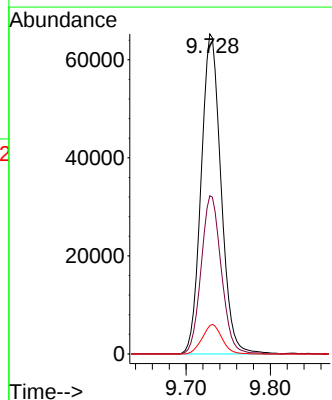
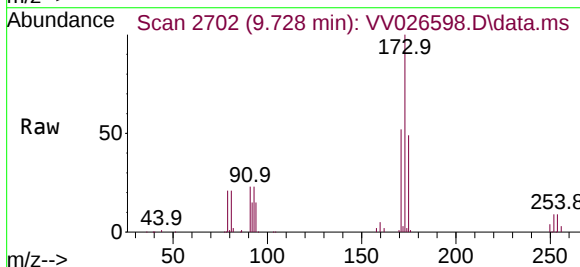
Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

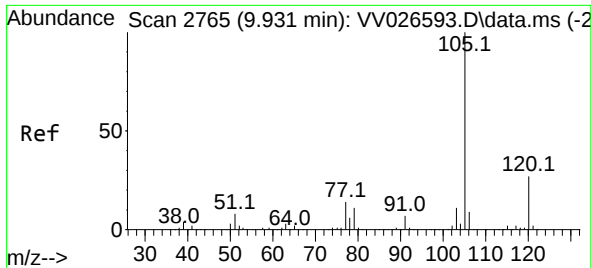
Tgt Ion: 83 Resp: 269255
Ion Ratio Lower Upper
83 100
85 64.5 44.6 82.8
131 9.6 7.6 11.4



#59
Bromoform
Concen: 56.699 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion: 173 Resp: 107217
Ion Ratio Lower Upper
173 100
175 50.1 39.1 58.7
254 9.1 7.1 10.7

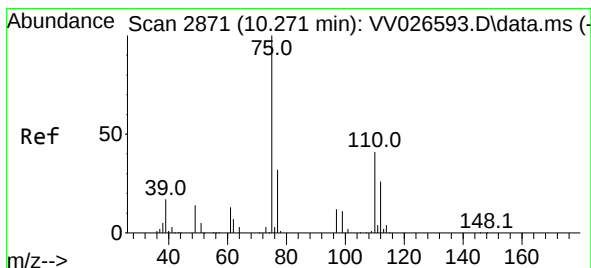
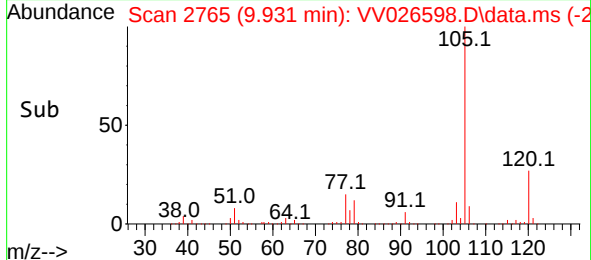
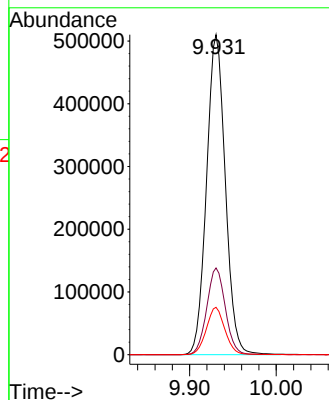
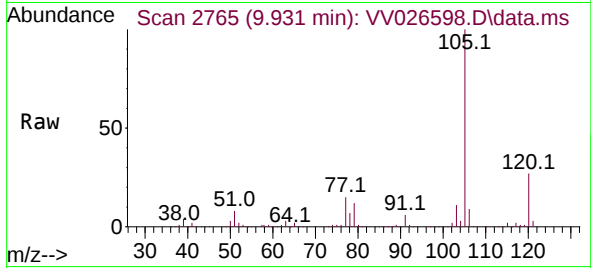




#60
Isopropylbenzene
Concen: 58.717 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

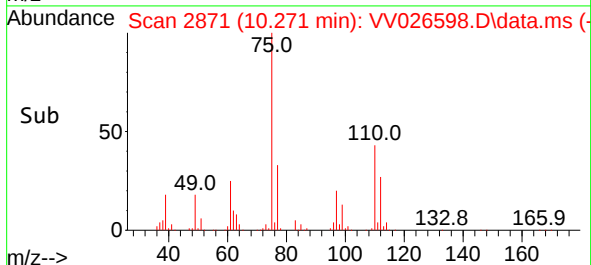
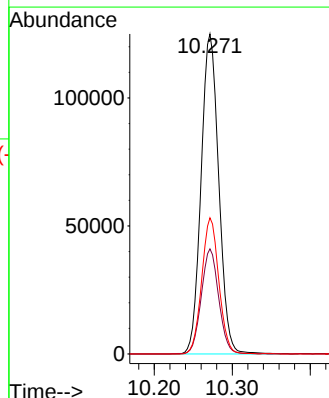
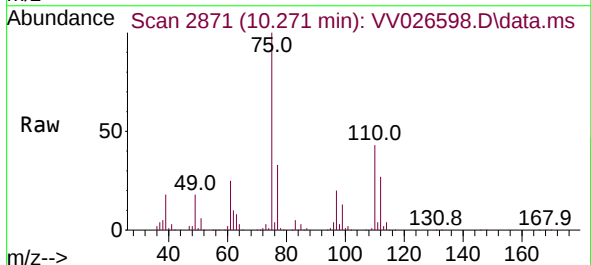
Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

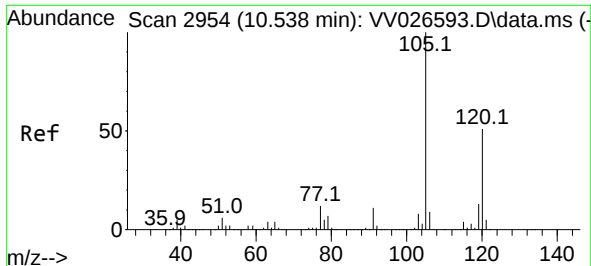
Tgt Ion:105 Resp: 768245
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 14.6 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 51.165 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion: 75 Resp: 196830
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
110 41.2 32.8 49.2





#62

1,3,5-Trimethylbenzene

Concen: 59.498 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

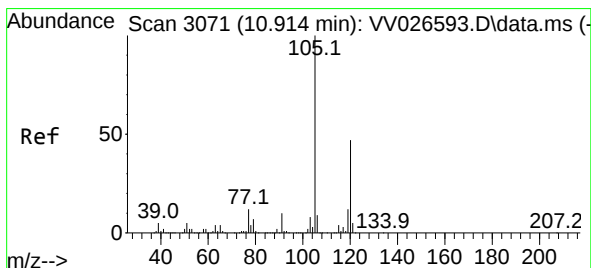
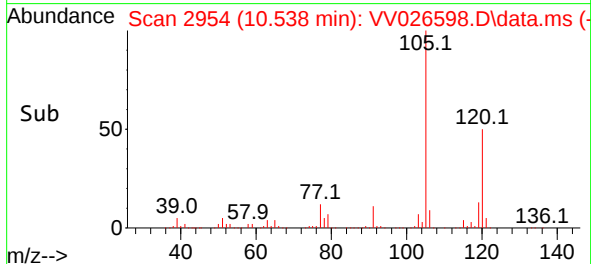
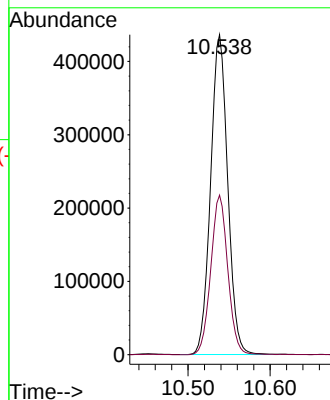
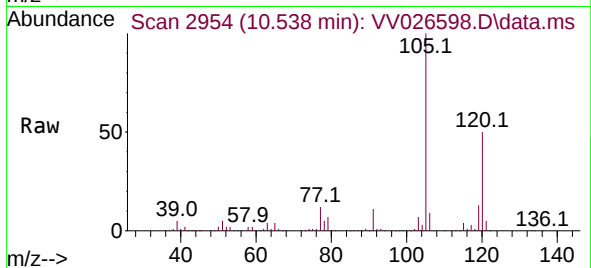
VSTD050302

Tgt Ion:105 Resp: 631396

Ion Ratio Lower Upper

105 100

120 49.6 40.2 60.4



#63

1,2,4-Trimethylbenzene

Concen: 60.386 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV026598.D

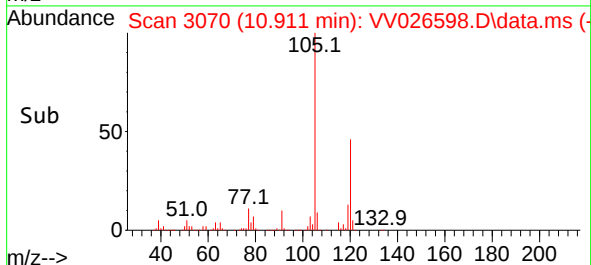
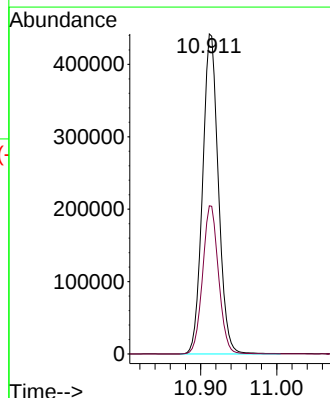
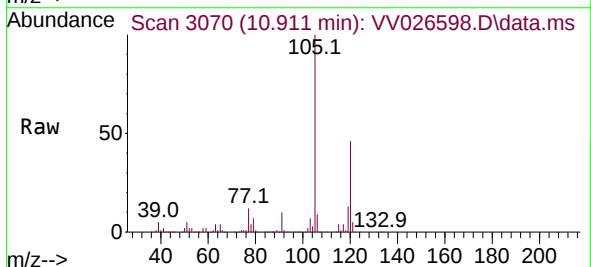
Acq: 30 Jun 2022 09:50

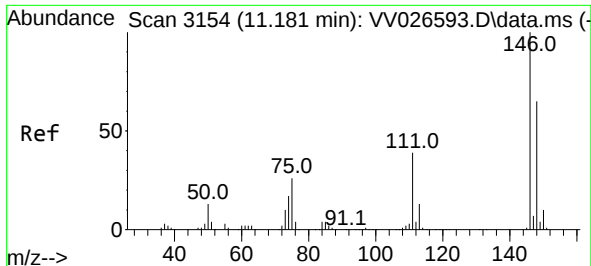
Tgt Ion:105 Resp: 638080

Ion Ratio Lower Upper

105 100

120 46.7 37.5 56.3

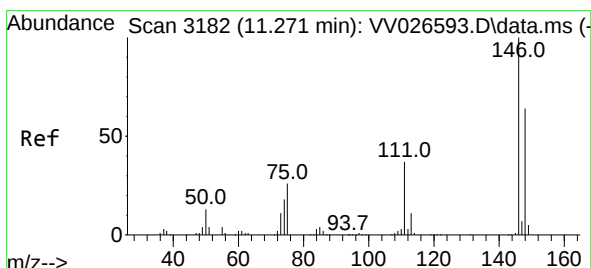
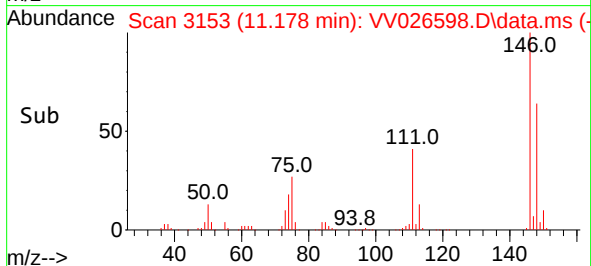
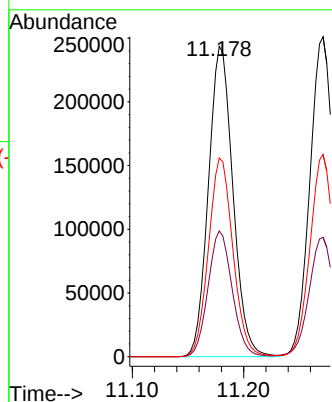
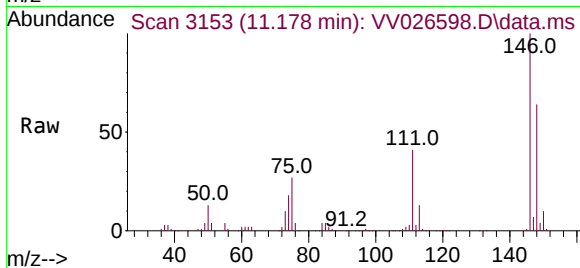




#64
1,3-Dichlorobenzene
Concen: 56.276 ug/L
RT: 11.178 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

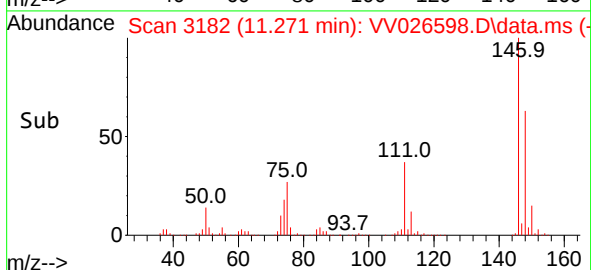
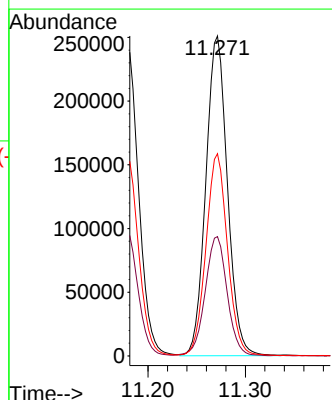
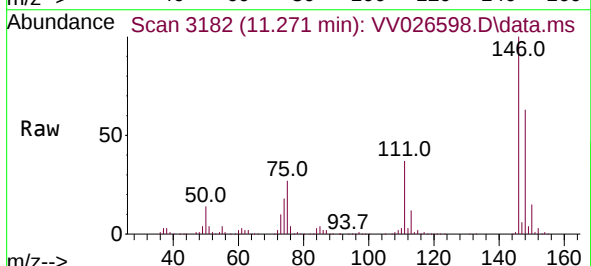
Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

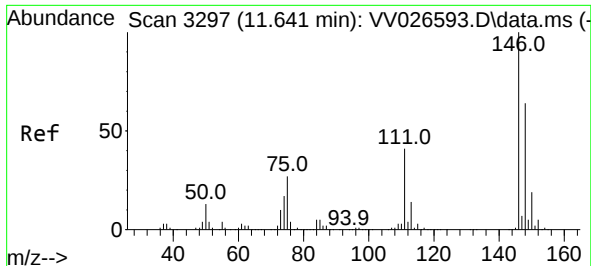
Tgt Ion:146 Resp: 372871
Ion Ratio Lower Upper
146 100
111 40.5 27.4 51.0
148 64.0 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 56.247 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion:146 Resp: 386469
Ion Ratio Lower Upper
146 100
111 37.3 26.4 49.0
148 63.2 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 55.385 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD050302

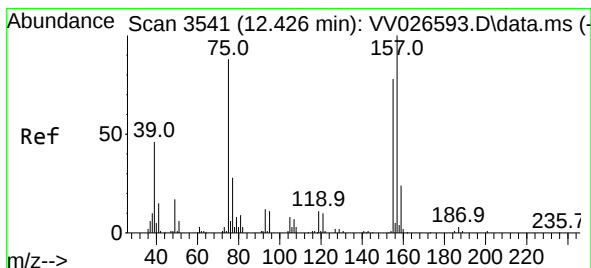
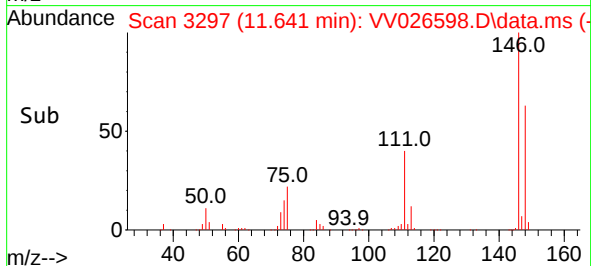
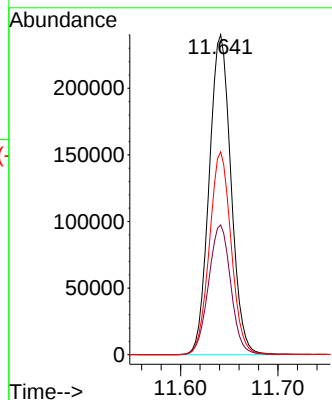
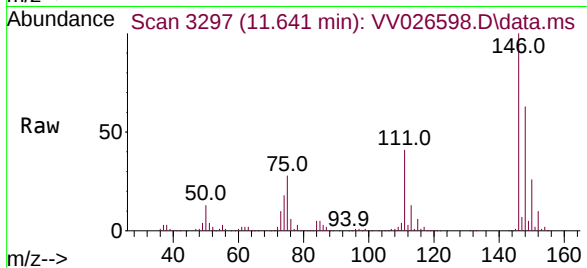
Tgt Ion:146 Resp: 373948

Ion Ratio Lower Upper

146 100

111 40.6 32.8 49.2

148 63.4 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 50.873 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026598.D

Acq: 30 Jun 2022 09:50

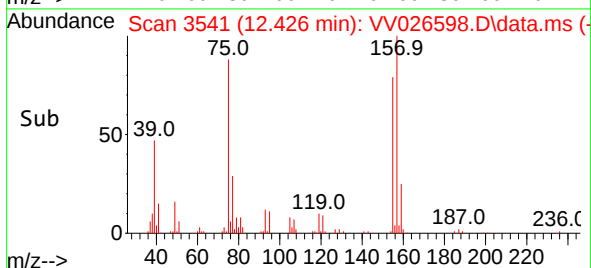
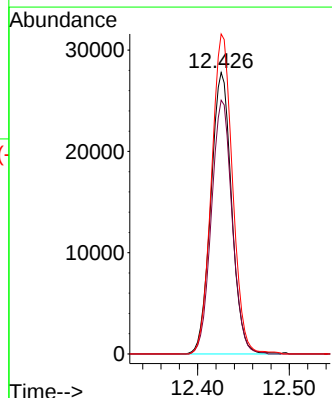
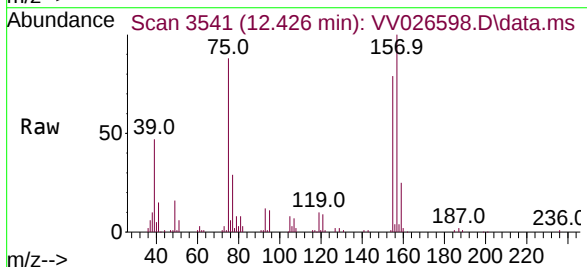
Tgt Ion: 75 Resp: 43709

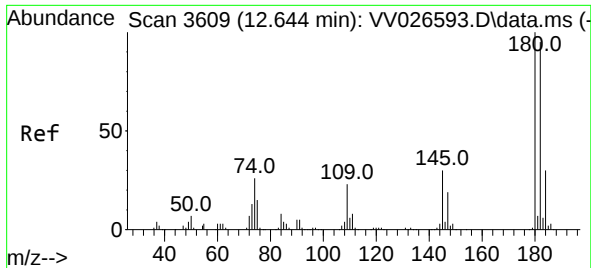
Ion Ratio Lower Upper

75 100

155 90.2 71.0 106.4

157 113.7 91.3 136.9

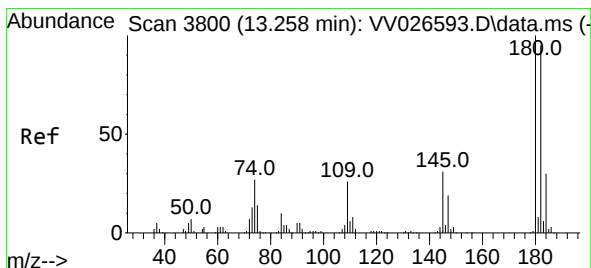
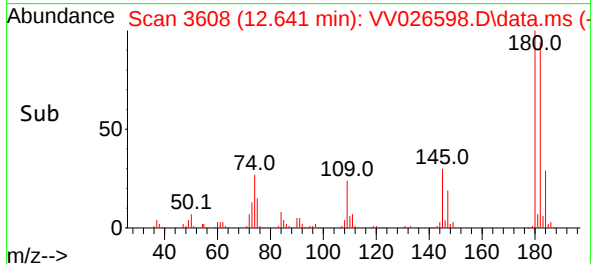
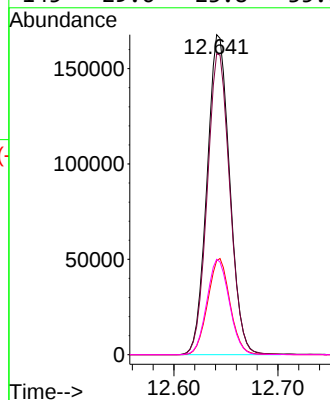
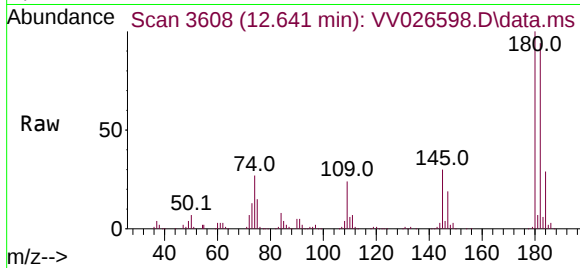




#69
 1,3,5-Trichlorobenzene
 Concen: 55.618 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.003 min
 Lab File: VV026598.D
 Acq: 30 Jun 2022 09:50

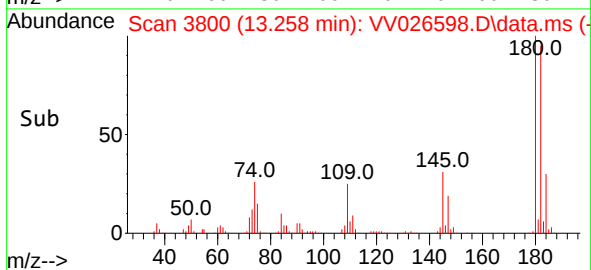
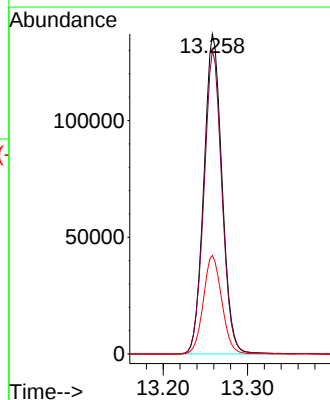
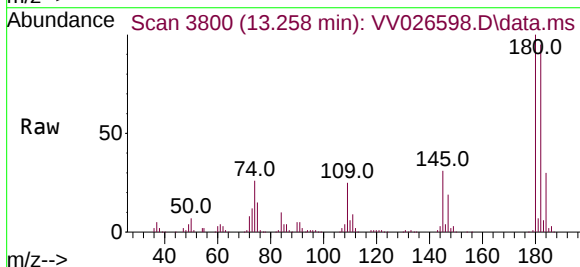
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050302

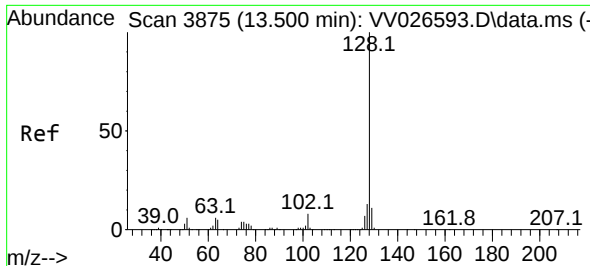
Tgt Ion:180 Resp: 253643
 Ion Ratio Lower Upper
 180 100
 182 94.1 74.9 112.3
 184 29.6 23.5 35.3
 145 29.6 23.8 35.6



#70
 1,2,4-trichlorobenzene
 Concen: 53.725 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026598.D
 Acq: 30 Jun 2022 09:50

Tgt Ion:180 Resp: 205946
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.9 113.9
 145 31.1 24.5 36.7

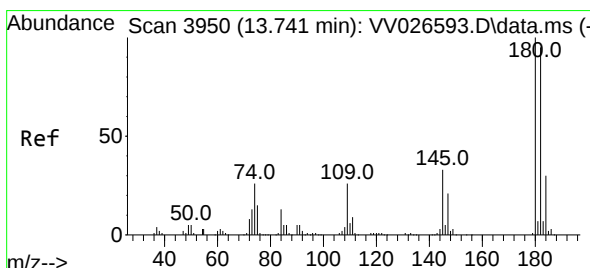
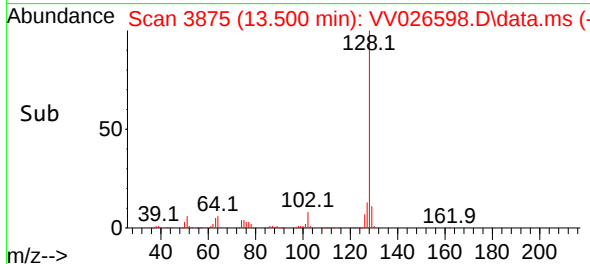
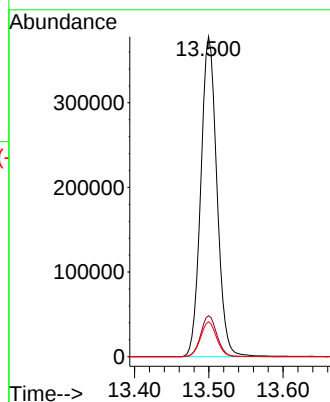
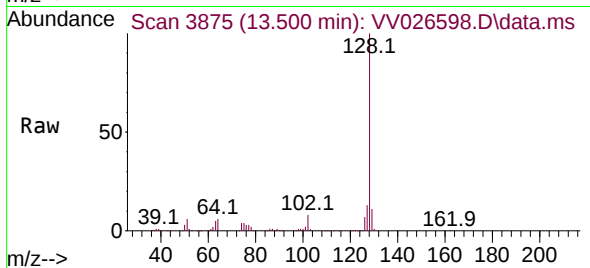




#71
Naphthalene
Concen: 51.752 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD050302

Tgt Ion:128 Resp: 570285
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 54.652 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026598.D
Acq: 30 Jun 2022 09:50

Tgt Ion:180 Resp: 212685
Ion Ratio Lower Upper
180 100
182 94.5 76.1 114.1
145 32.5 26.3 39.5

