

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070822\
 Data File : VW026708.D
 Acq On : 08 Jul 2022 20:02
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

Quant Time: Jul 08 23:59:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	237216	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.866	117	172853	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.252	152	91708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	54941	2.880	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.580	69	51927	3.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	2.121	63	106567	3.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.969	46	146426	77.202	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	154.400%#
24) Chloroform-d	4.368	84	129955	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.040	65	58323	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.043	84	238285	4.799	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.072	67	79573	5.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.600%
41) Toluene-d8	7.342	98	187103	4.191	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.651	79	15961	4.523	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.120	63	66678	49.604	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.200%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	50525	5.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	65300	4.303	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.150	85	60128	3.329	ug/L	99
3) Chloromethane	1.256	50	67596	3.422	ug/L	99
5) Vinyl chloride	1.323	62	76154	3.621	ug/L	96
6) Bromomethane	1.535	94	38350	3.368	ug/L	96
8) Chloroethane	1.596	64	101438	7.091	ug/L	96
9) Trichlorofluoromethane	1.764	101	114817	3.914	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	69986	4.027	ug/L	99
12) 1,1-Dichloroethene	2.127	96	61836	3.860	ug/L	99
13) Acetone	2.233	43	74854	62.211	ug/L	95
14) Carbon disulfide	2.301	76	145996	3.454	ug/L	99
15) Methyl Acetate	2.465	43	21206	6.112	ug/L	98
16) Methylene chloride	2.516	84	95528	5.617	ug/L	97
17) Methyl tert-butyl Ether	2.796	73	139849	5.355	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	67781	4.147	ug/L	97
19) 1,1-Dichloroethane	3.207	63	134476	4.581	ug/L	99
21) 2-Butanone	4.056	43	134551	74.333	ug/L	98
22) cis-1,2-Dichloroethene	3.931	96	77691	4.786	ug/L	95
23) Bromochloromethane	4.265	128	29643	4.434	ug/L	93
25) Chloroform	4.394	83	141775	4.515	ug/L	100

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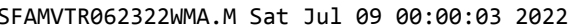
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 ClientSampleId :
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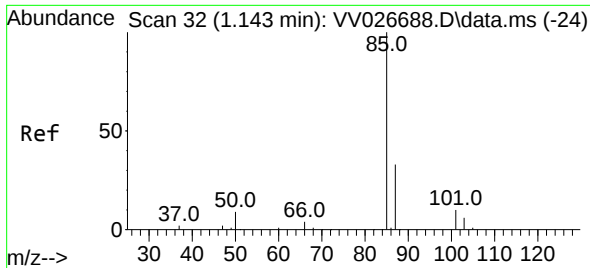
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	73212	5.239	ug/L	96
29) 1,1,1-Trichloroethane	4.612	97	123617	5.812	ug/L	99
30) Cyclohexane	4.670	56	104251	6.191	ug/L	95
31) Carbon tetrachloride	4.821	117	99893	5.599	ug/L	99
33) Benzene	5.091	78	290259	5.751	ug/L	100
34) Trichloroethene	5.902	95	64977	4.897	ug/L	96
35) Methylcyclohexane	6.114	83	85369	4.349	ug/L	97
37) 1,2-Dichloropropane	6.175	63	62544	5.141	ug/L	99
38) Bromodichloromethane	6.516	83	79147	5.512	ug/L #	98
39) cis-1,3-Dichloropropene	7.059	75	59676	4.881	ug/L	98
40) 4-Methyl-2-pentanone	7.275	43	232719	56.639	ug/L	99
42) Toluene	7.413	91	271220	5.206	ug/L	99
44) trans-1,3-Dichloropropene	7.677	75	48313	5.313	ug/L	95
45) 1,1,2-Trichloroethane	7.863	97	45758	5.965	ug/L	99
47) Tetrachloroethene	7.992	164	51762	4.900	ug/L	96
48) 2-Hexanone	8.169	43	173918	60.807	ug/L	97
49) Dibromochloromethane	8.265	129	46010	5.924	ug/L	95
50) 1,2-Dibromoethane	8.371	107	39081	5.730	ug/L	91
51) Chlorobenzene	8.895	112	168418	4.935	ug/L	98
52) Ethylbenzene	9.024	91	245132	4.549	ug/L	99
53) m,p-Xylene	9.149	106	99167	4.718	ug/L	100
54) o-Xylene	9.551	106	94756	4.802	ug/L	96
55) Styrene	9.567	104	167135	5.114	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	51063	5.961	ug/L	99
59) Bromoform	9.741	173	18887	5.589	ug/L	96
60) Isopropylbenzene	9.937	105	254179	4.494	ug/L	100
61) 1,2,3-Trichloropropane	10.281	75	33194	5.590	ug/L	97
62) 1,3,5-Trimethylbenzene	10.541	105	182630	4.085	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	187273	4.248	ug/L	99
64) 1,3-Dichlorobenzene	11.184	146	132399	4.813	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	129855	4.754	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	117651	5.026	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	5621	5.278	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	86716	4.384	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	60011	4.296	ug/L	100
71) Naphthalene	13.499	128	77929	4.276	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	51834	4.534	ug/L	99

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

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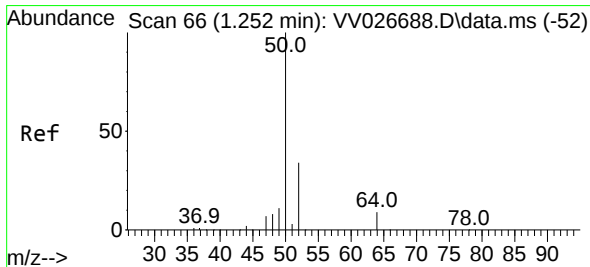
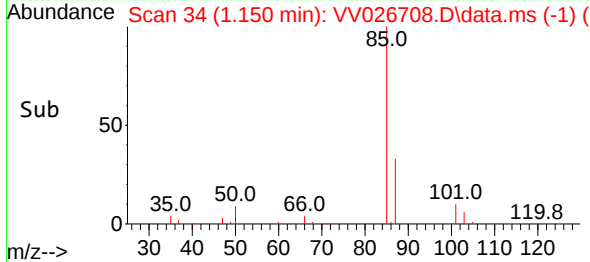
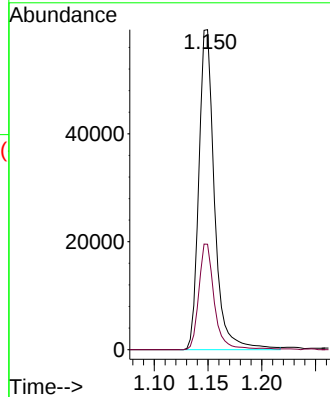
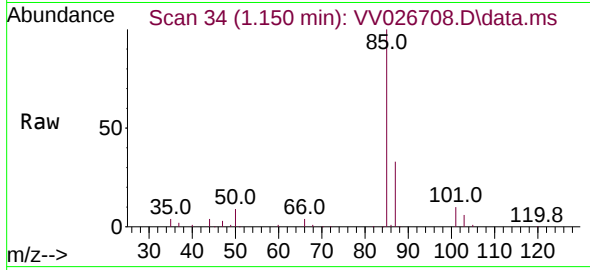




#2
Dichlorodifluoromethane
Concen: 3.329 ug/L
RT: 1.150 min Scan# 34
Delta R.T. 0.006 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

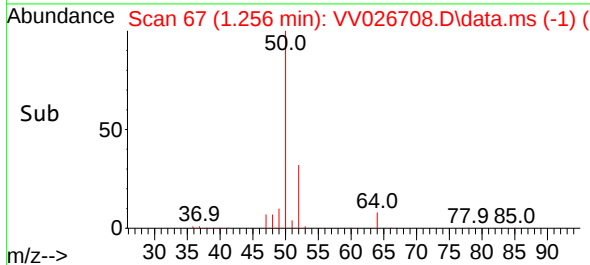
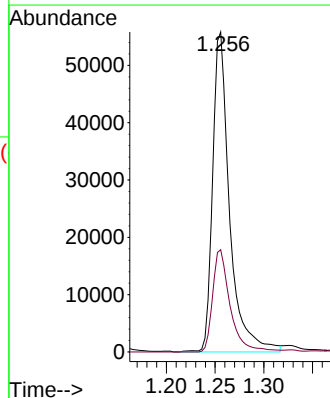
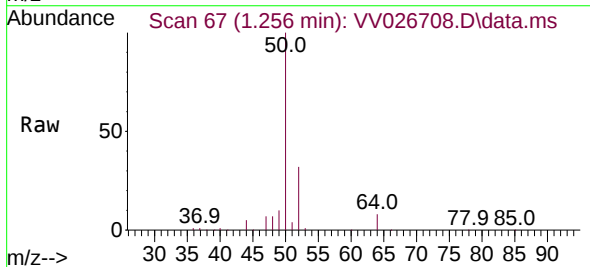
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

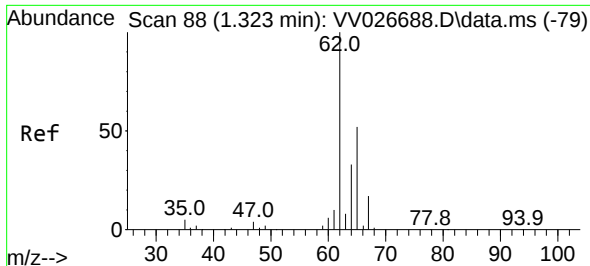
Tgt Ion: 85 Resp: 60128
Ion Ratio Lower Upper
85 100
87 32.4 25.6 38.4



#3
Chloromethane
Concen: 3.422 ug/L
RT: 1.256 min Scan# 67
Delta R.T. 0.003 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

Tgt Ion: 50 Resp: 67596
Ion Ratio Lower Upper
50 100
52 32.0 23.0 42.6

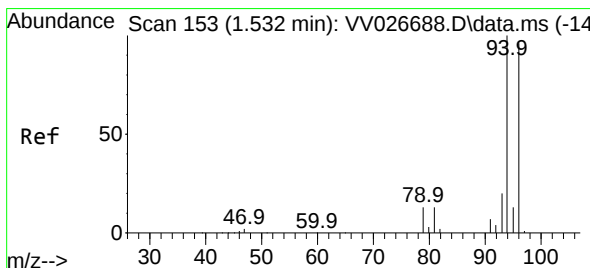
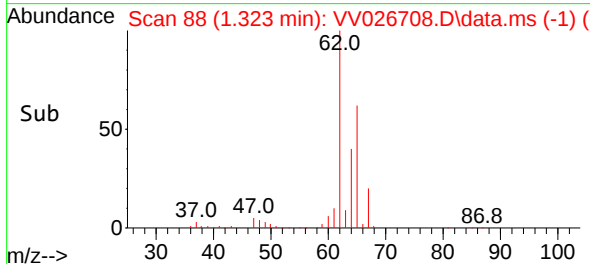
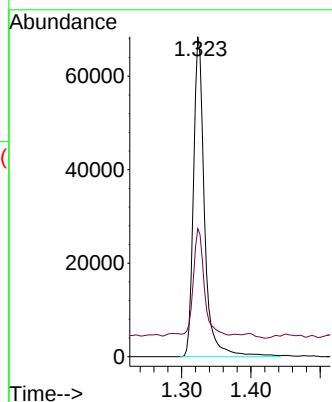
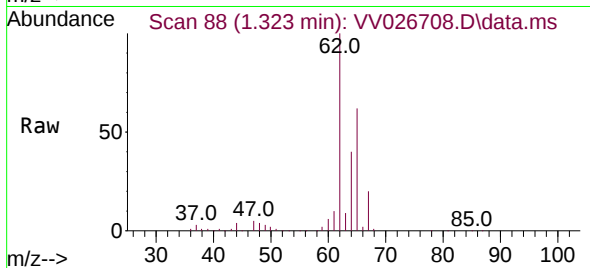




#5
 Vinyl chloride
 Concen: 3.621 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: VV026708.D
 Acq: 08 Jul 2022 20:02

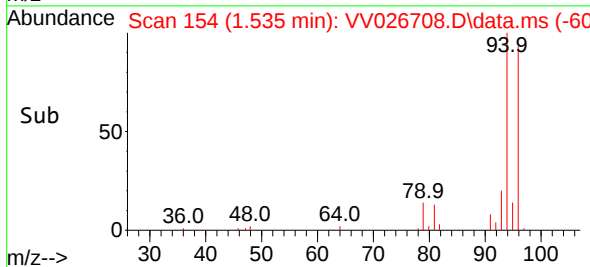
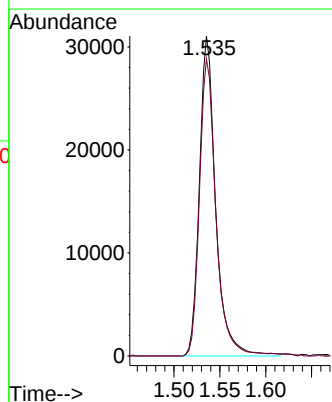
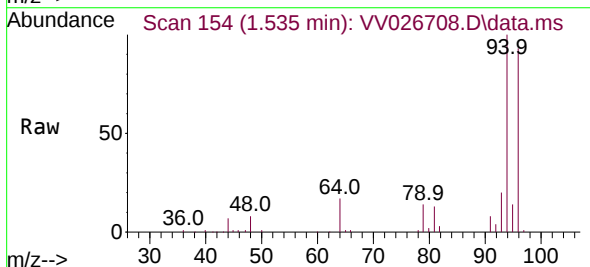
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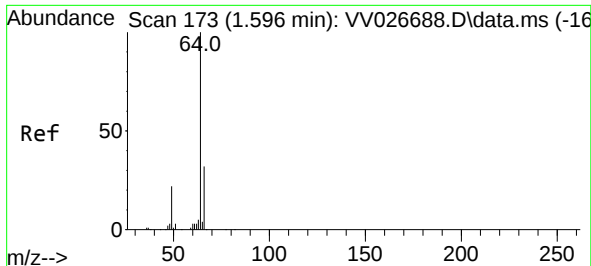
Tgt Ion: 62 Resp: 76154
 Ion Ratio Lower Upper
 62 100
 64 40.0 26.2 48.6



#6
 Bromomethane
 Concen: 3.368 ug/L
 RT: 1.535 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VV026708.D
 Acq: 08 Jul 2022 20:02

Tgt Ion: 94 Resp: 38350
 Ion Ratio Lower Upper
 94 100
 96 92.9 68.0 126.2

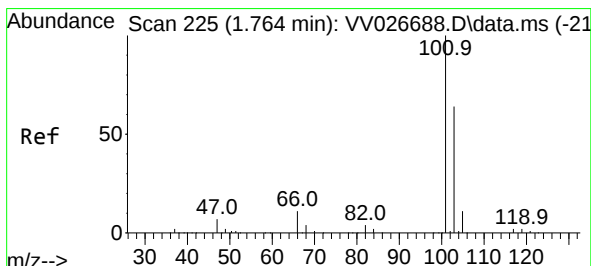
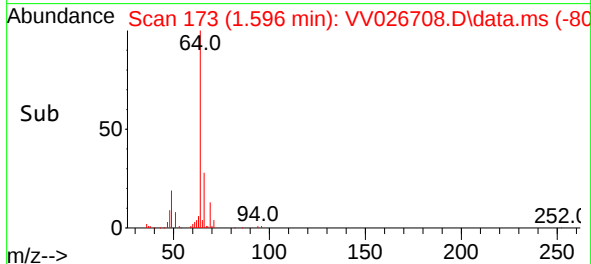
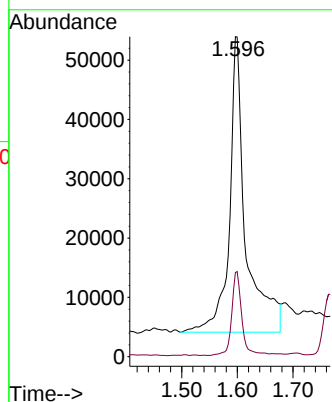
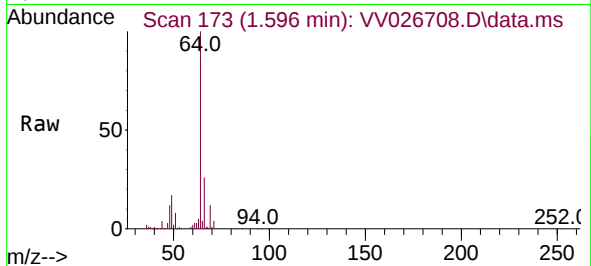




#8
Chloroethane
Concen: 7.091 ug/L
RT: 1.596 min Scan# 173
Delta R.T. -0.000 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

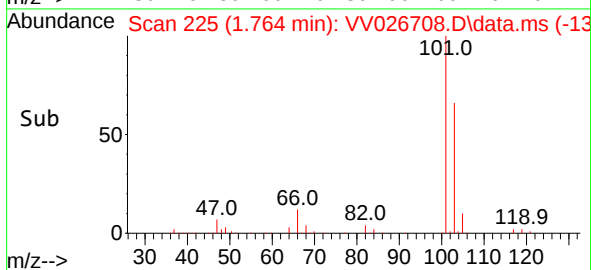
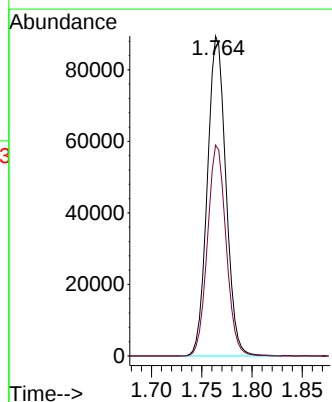
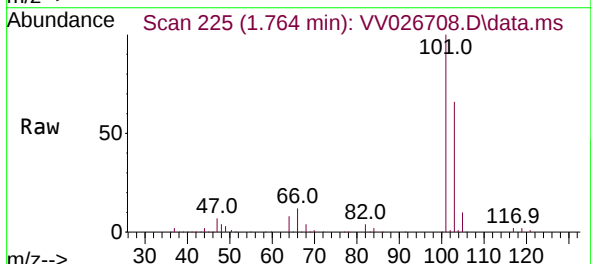
Instrument :
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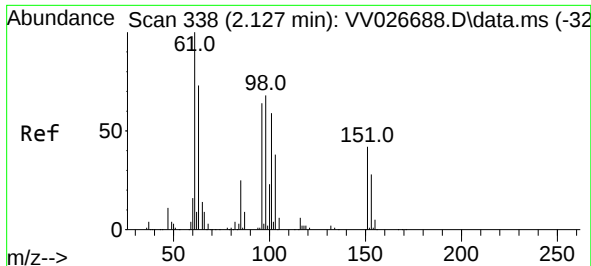
Tgt Ion: 64 Resp: 101438
Ion Ratio Lower Upper
64 100
66 26.3 20.0 37.2



#9
Trichlorofluoromethane
Concen: 3.914 ug/L
RT: 1.764 min Scan# 225
Delta R.T. -0.000 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

Tgt Ion:101 Resp: 114817
Ion Ratio Lower Upper
101 100
103 66.1 52.2 78.4

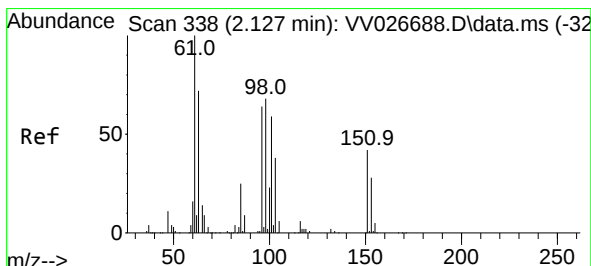
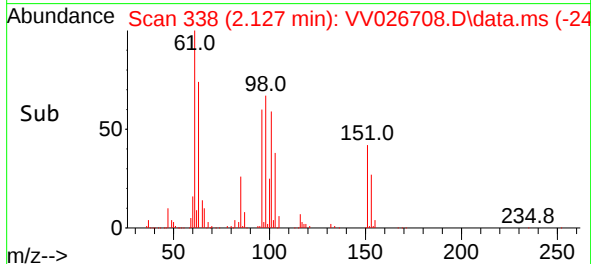
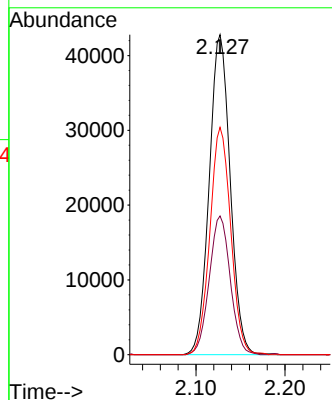
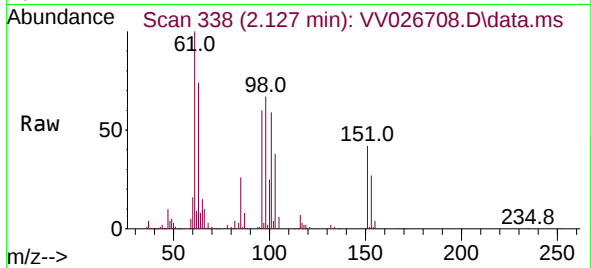




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.027 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. -0.000 min
 Lab File: VV026708.D
 Acq: 08 Jul 2022 20:02

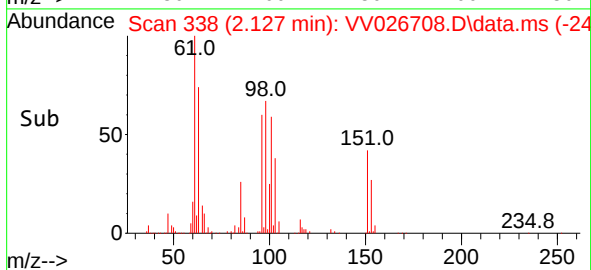
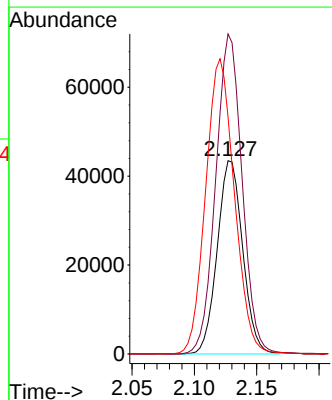
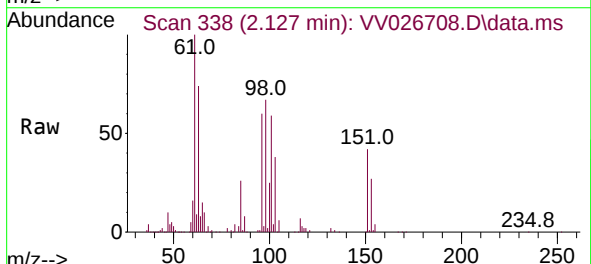
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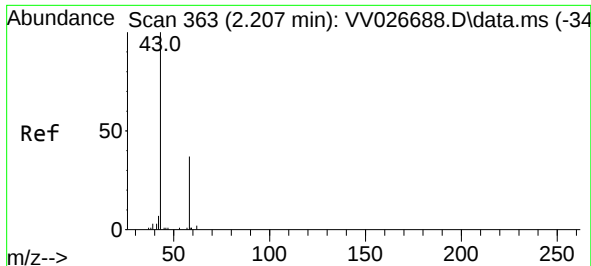
Tgt Ion:101 Resp: 69986
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.2 51.4
 151 70.7 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 3.860 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. -0.000 min
 Lab File: VV026708.D
 Acq: 08 Jul 2022 20:02

Tgt Ion: 96 Resp: 61836
 Ion Ratio Lower Upper
 96 100
 61 165.5 115.4 214.4
 63 122.6 87.4 162.2





#13

Acetone

Concen: 62.211 ug/L

RT: 2.233 min Scan# 31

Delta R.T. 0.026 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

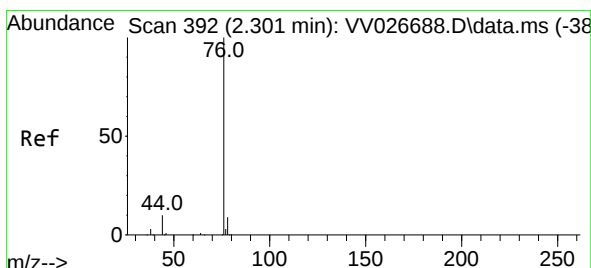
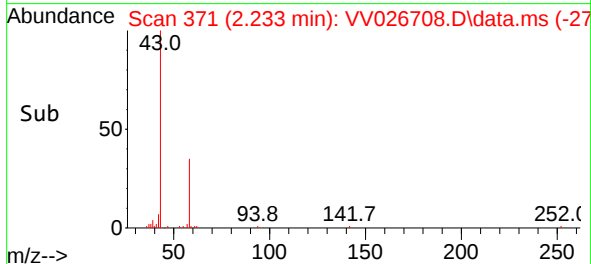
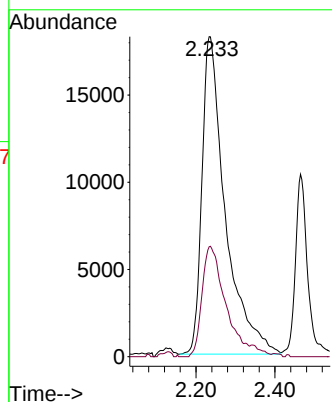
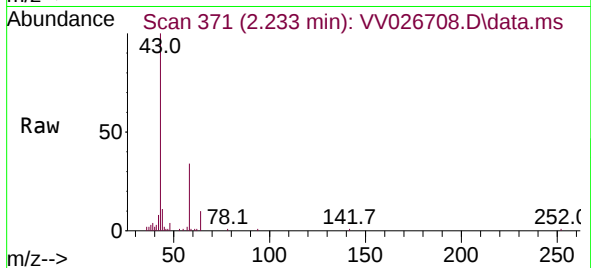
VSTD005348

Tgt Ion: 43 Resp: 74854

Ion Ratio Lower Upper

43 100

58 34.3 0.0 75.0



#14

Carbon disulfide

Concen: 3.454 ug/L

RT: 2.301 min Scan# 392

Delta R.T. -0.000 min

Lab File: VV026708.D

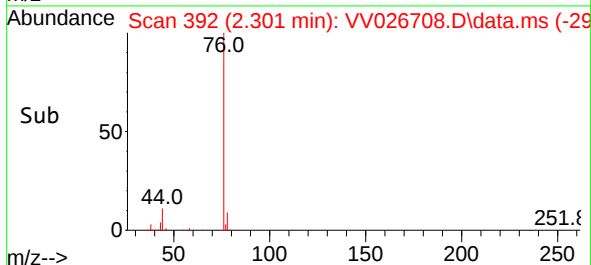
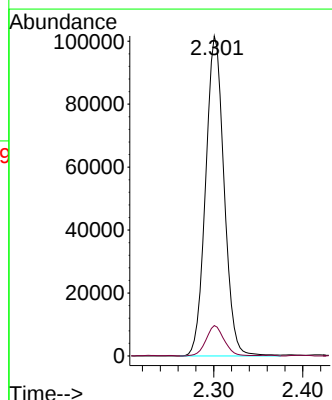
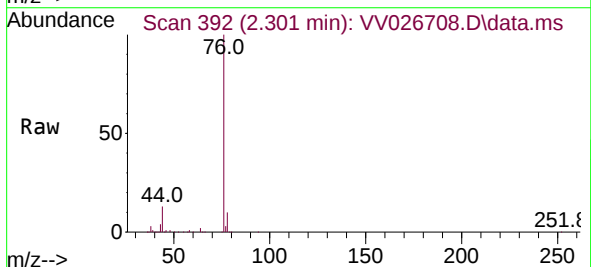
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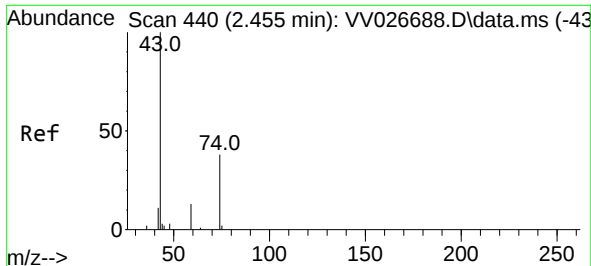
Tgt Ion: 76 Resp: 145996

Ion Ratio Lower Upper

76 100

78 9.5 7.8 11.6

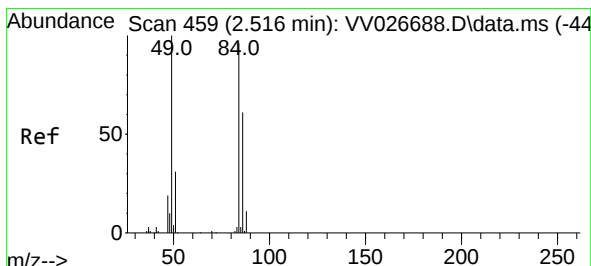
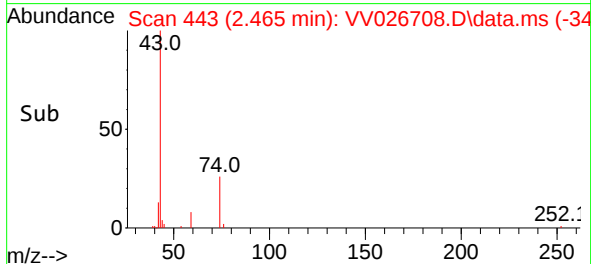
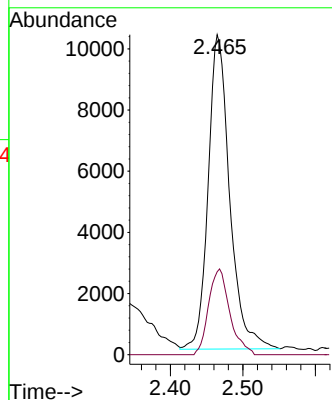
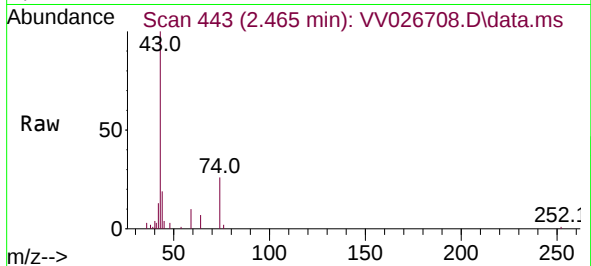




#15
Methyl Acetate
Concen: 6.112 ug/L
RT: 2.465 min Scan# 440
Delta R.T. 0.010 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

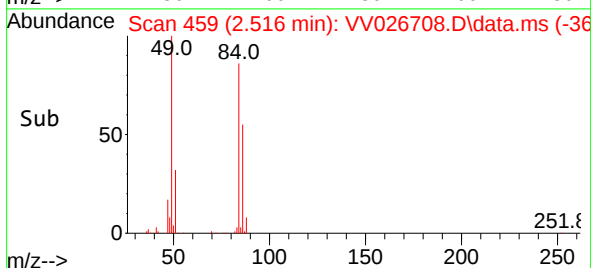
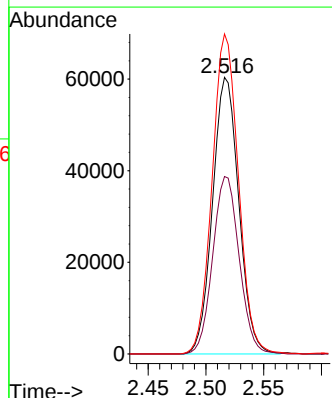
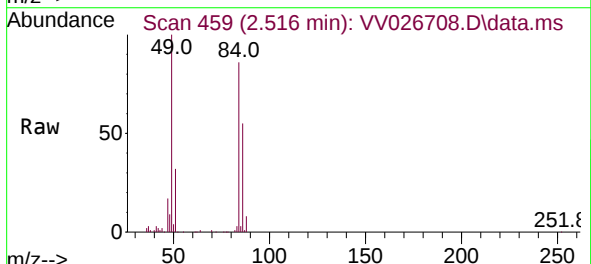
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

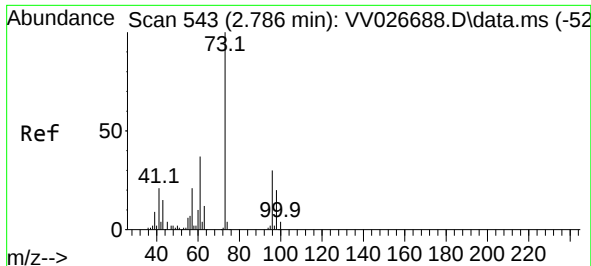
Tgt Ion: 43 Resp: 21206
Ion Ratio Lower Upper
43 100
74 26.8 22.1 33.1



#16
Methylene chloride
Concen: 5.617 ug/L
RT: 2.516 min Scan# 459
Delta R.T. -0.000 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

Tgt Ion: 84 Resp: 95528
Ion Ratio Lower Upper
84 100
86 64.2 46.0 85.4
49 115.7 77.7 144.3





#17

Methyl tert-butyl Ether

Concen: 5.355 ug/L

RT: 2.796 min Scan# 54

Delta R.T. 0.010 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

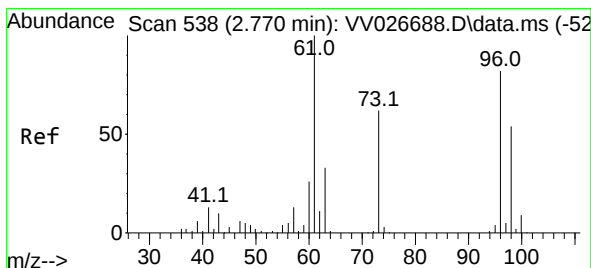
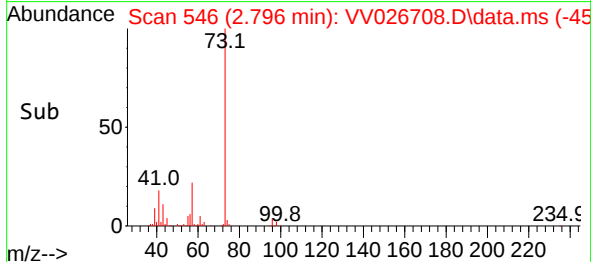
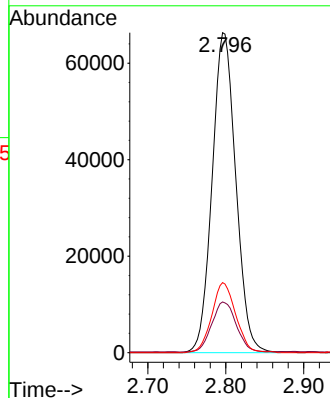
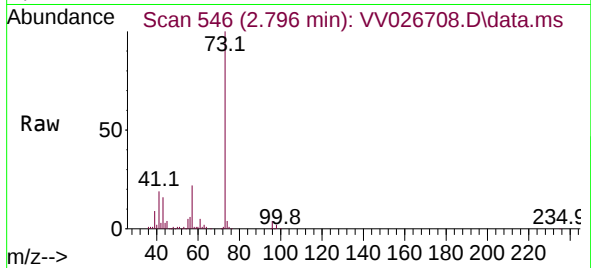
Tgt Ion: 73 Resp: 139849

Ion Ratio Lower Upper

73 100

43 16.2 13.3 19.9

57 22.2 17.2 25.8



#18

trans-1,2-Dichloroethene

Concen: 4.147 ug/L

RT: 2.767 min Scan# 537

Delta R.T. -0.003 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

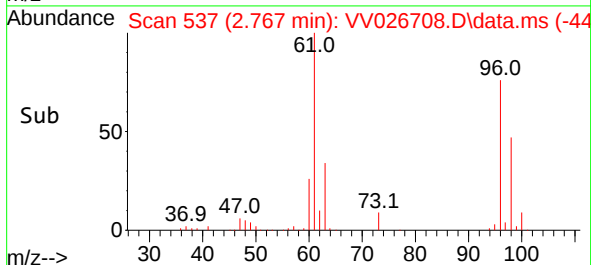
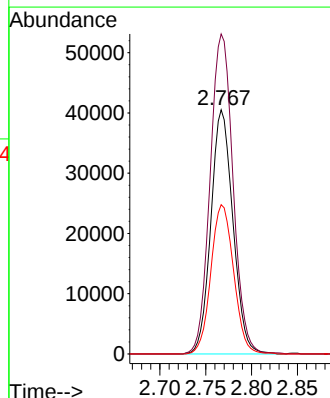
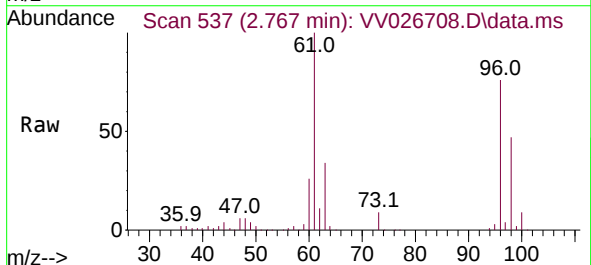
Tgt Ion: 96 Resp: 67781

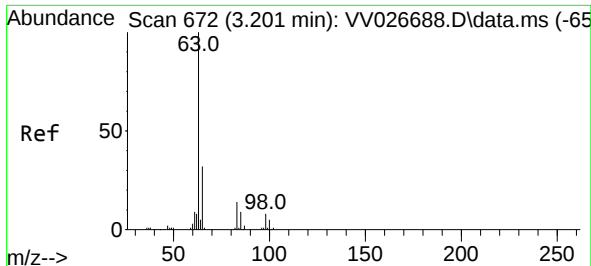
Ion Ratio Lower Upper

96 100

61 131.1 90.4 167.8

98 61.1 45.6 84.8





#19

1,1-Dichloroethane

Concen: 4.581 ug/L

RT: 3.207 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

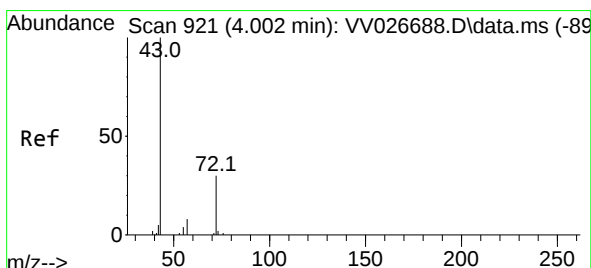
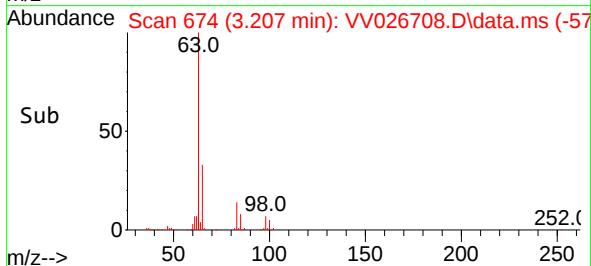
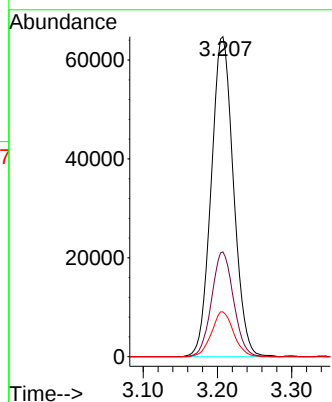
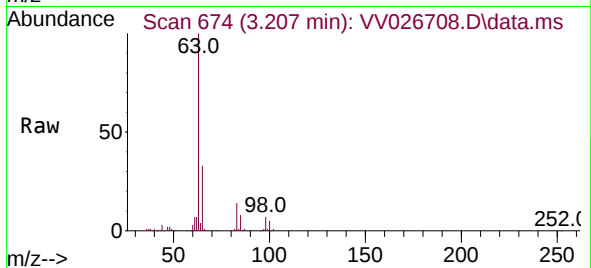
Tgt Ion: 63 Resp: 134476

Ion Ratio Lower Upper

63 100

65 32.7 23.0 42.6

83 14.0 10.2 19.0



#21

2-Butanone

Concen: 74.333 ug/L

RT: 4.056 min Scan# 938

Delta R.T. 0.055 min

Lab File: VV026708.D

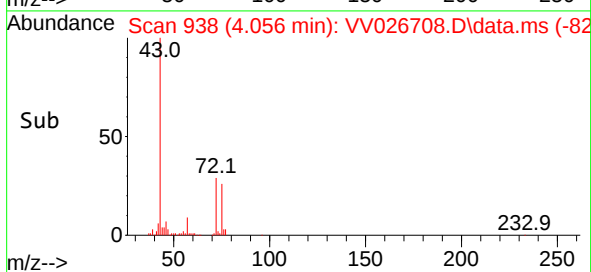
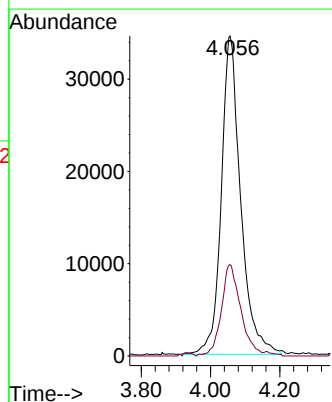
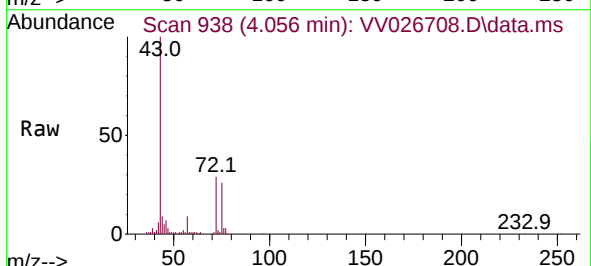
Acq: 08 Jul 2022 20:02

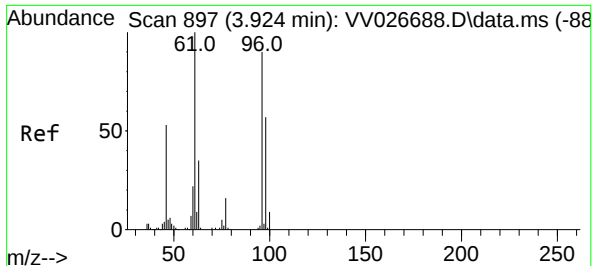
Tgt Ion: 43 Resp: 134551

Ion Ratio Lower Upper

43 100

72 27.8 13.5 40.5

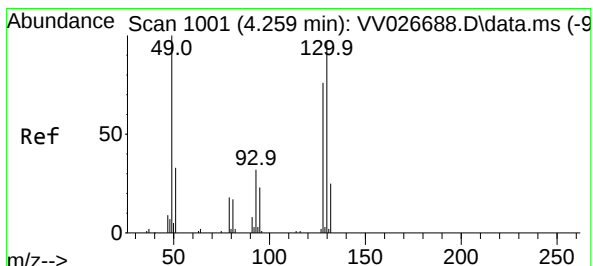
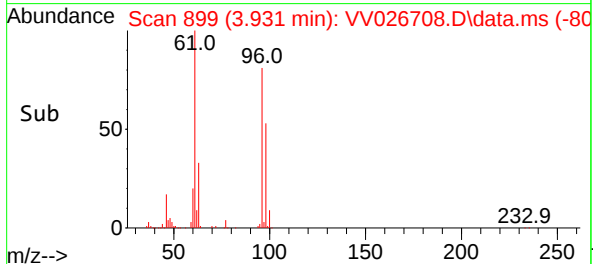
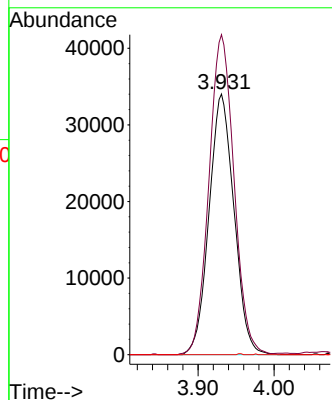
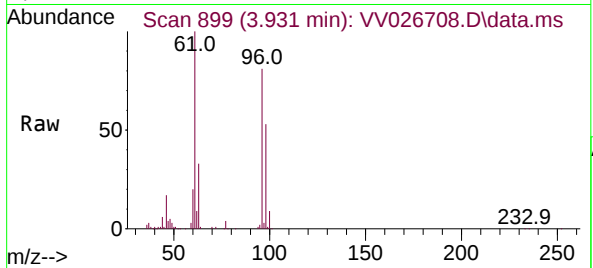




#22
 cis-1,2-Dichloroethene
 Concen: 4.786 ug/L
 RT: 3.931 min Scan# 897
 Delta R.T. 0.006 min
 Lab File: VV026708.D
 Acq: 08 Jul 2022 20:02

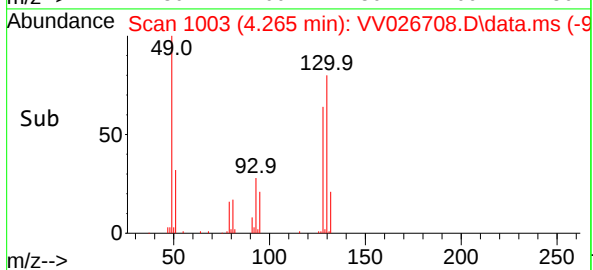
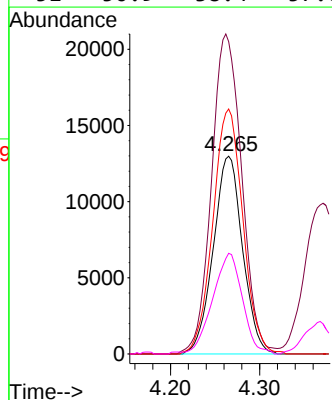
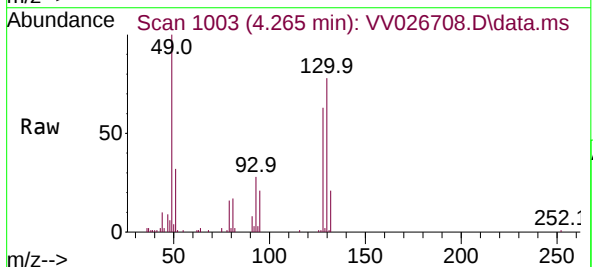
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

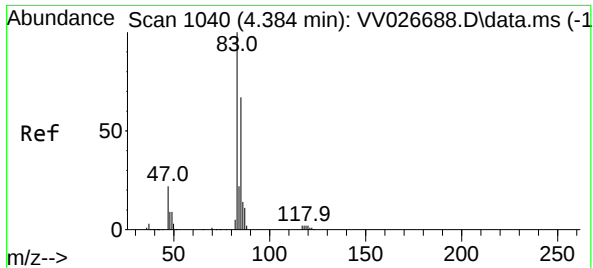
Tgt Ion: 96 Resp: 77691
 Ion Ratio Lower Upper
 96 100
 61 122.8 82.0 152.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.434 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. 0.006 min
 Lab File: VV026708.D
 Acq: 08 Jul 2022 20:02

Tgt Ion: 128 Resp: 29643
 Ion Ratio Lower Upper
 128 100
 49 158.0 104.0 193.1
 130 123.9 93.4 173.6
 51 50.9 38.4 57.6





#25

Chloroform

Concen: 4.515 ug/L

RT: 4.394 min Scan# 1040

Delta R.T. 0.010 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

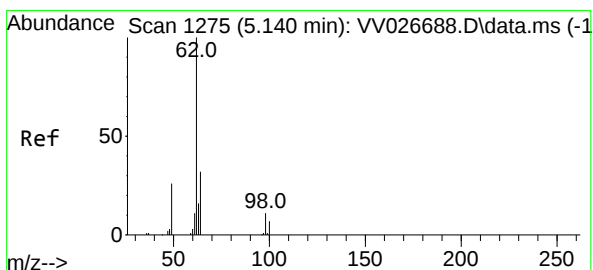
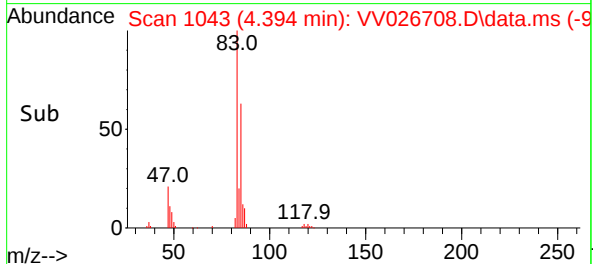
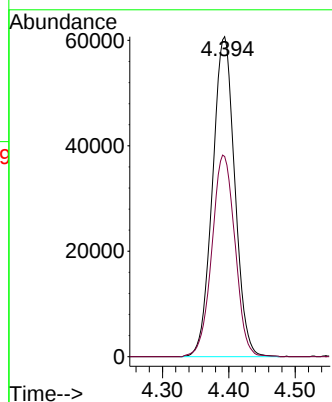
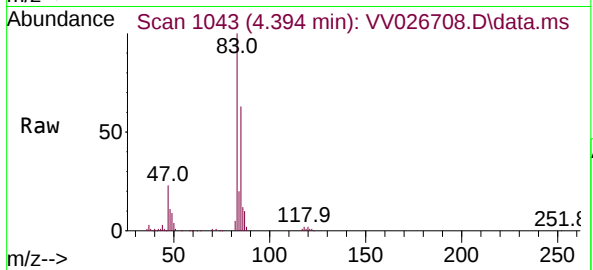
VSTD005348

Tgt Ion: 83 Resp: 141775

Ion Ratio Lower Upper

83 100

85 62.5 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.239 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.006 min

Lab File: VV026708.D

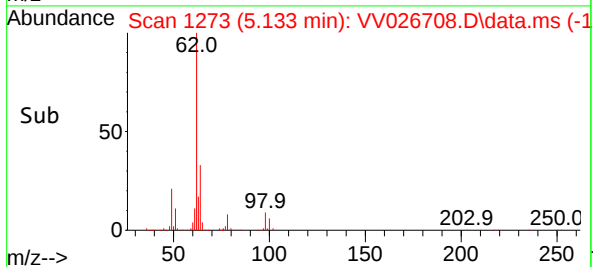
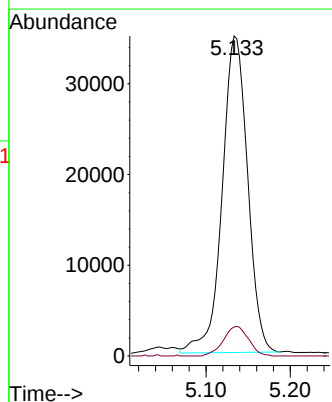
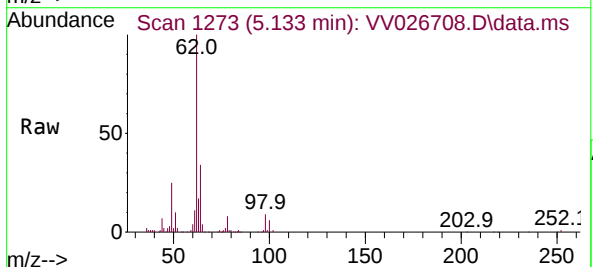
Acq: 08 Jul 2022 20:02

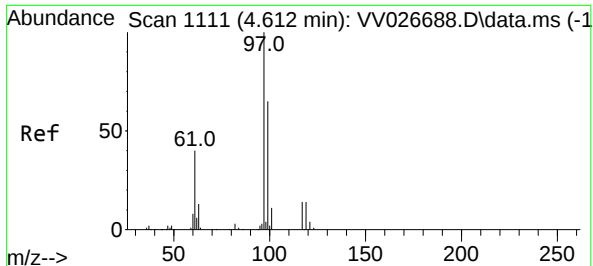
Tgt Ion: 62 Resp: 73212

Ion Ratio Lower Upper

62 100

98 9.1 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.812 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

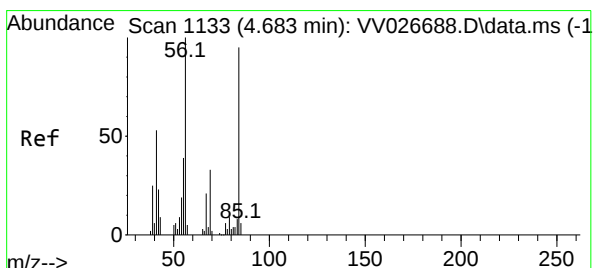
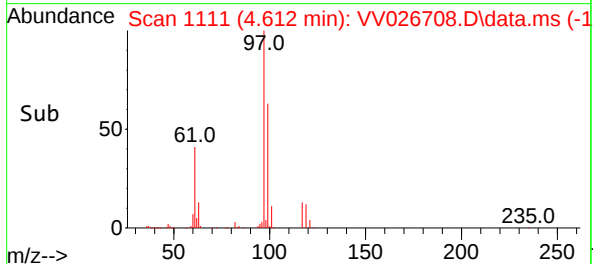
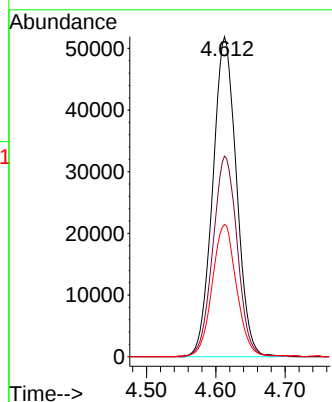
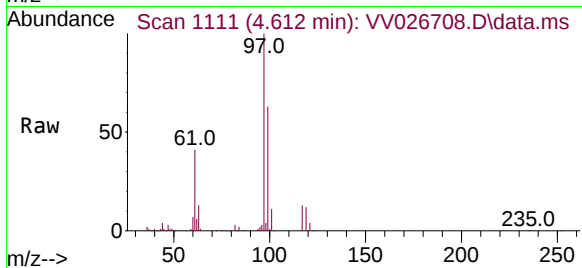
Tgt Ion: 97 Resp: 123617

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

61 42.4 33.0 49.4



#30

Cyclohexane

Concen: 6.191 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.013 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

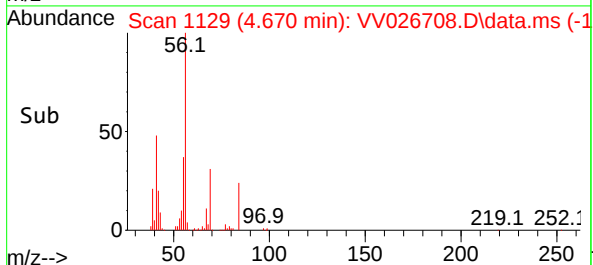
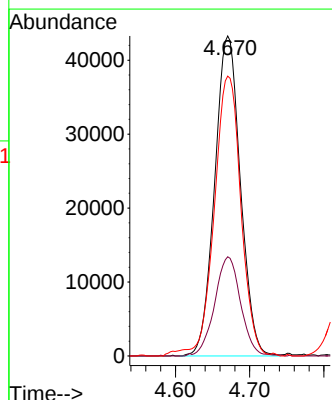
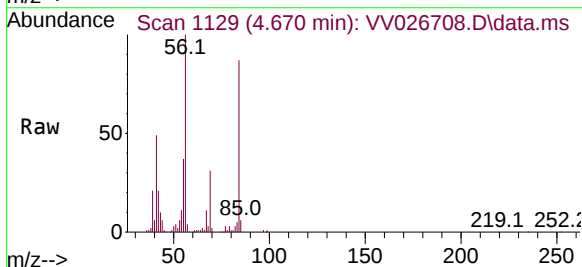
Tgt Ion: 56 Resp: 104251

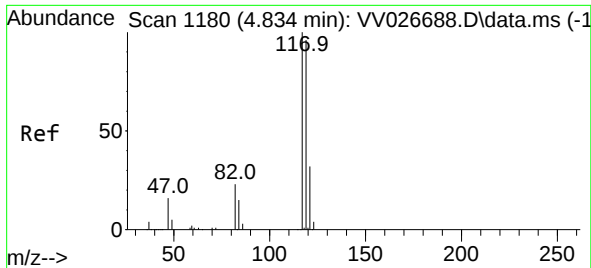
Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.2

84 90.6 77.8 116.6

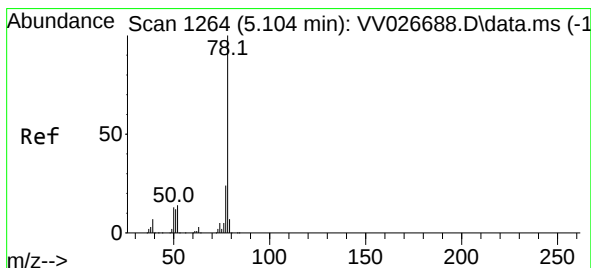
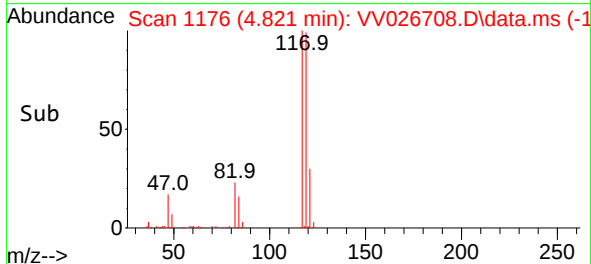
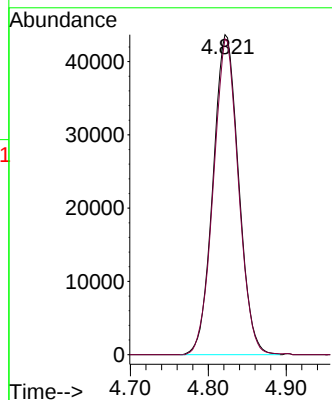
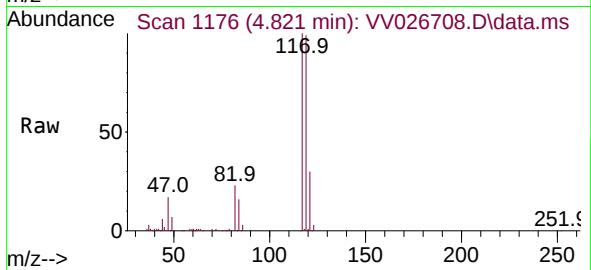




#31
Carbon tetrachloride
Concen: 5.599 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.013 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

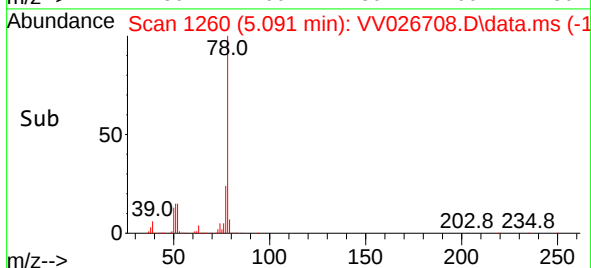
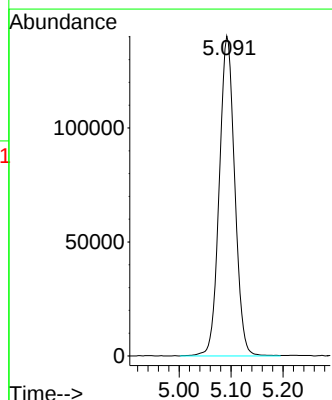
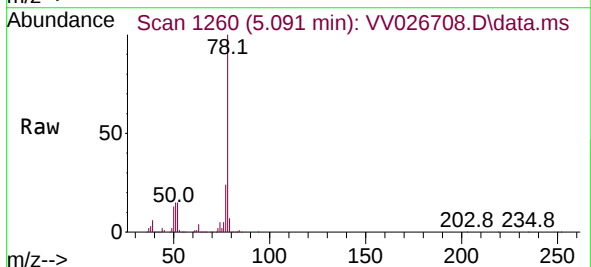
Instrument : MSVOA_V
ClientSampleId : VSTD005348

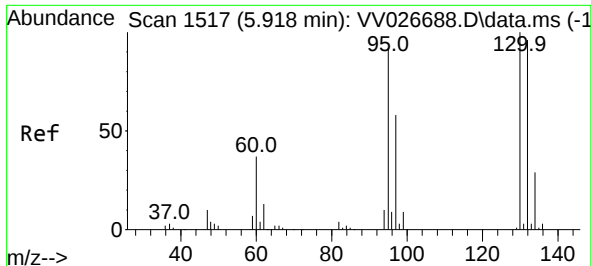
Tgt Ion:117 Resp: 99893
Ion Ratio Lower Upper
117 100
119 96.7 76.9 115.3



#33
Benzene
Concen: 5.751 ug/L
RT: 5.091 min Scan# 1260
Delta R.T. -0.013 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

Tgt Ion: 78 Resp: 290259



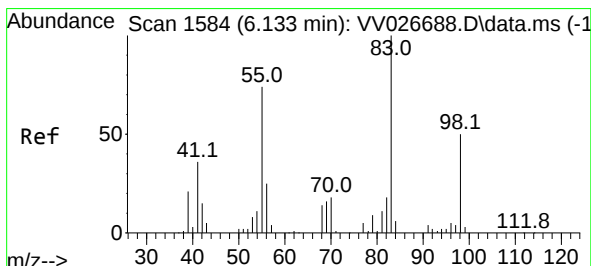
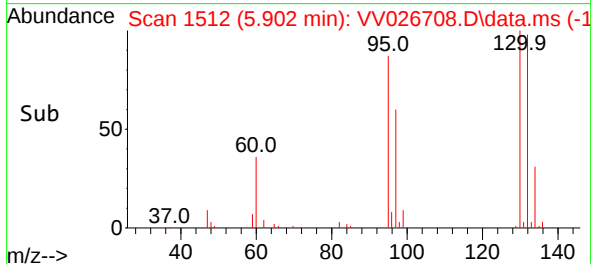
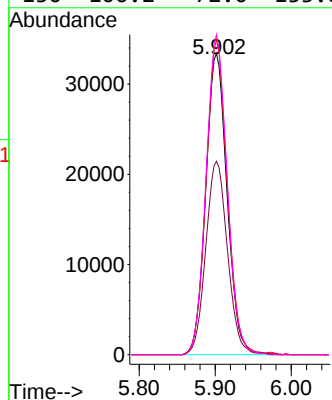
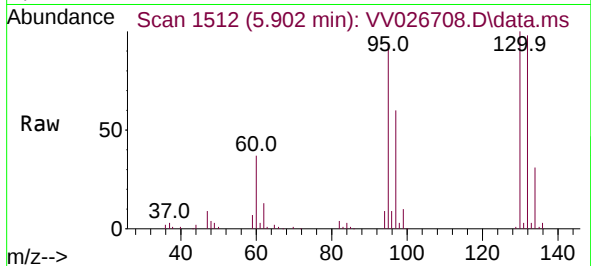


#34
Trichloroethene
Concen: 4.897 ug/L
RT: 5.902 min Scan# 1512
Delta R.T. -0.016 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

Tgt Ion: 95 Resp: 64977

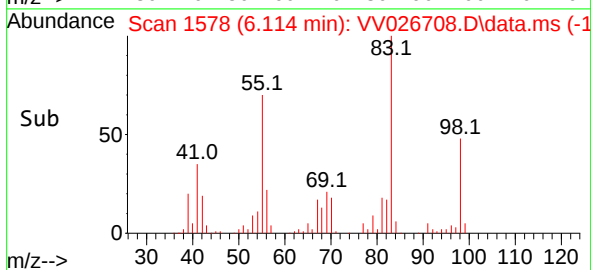
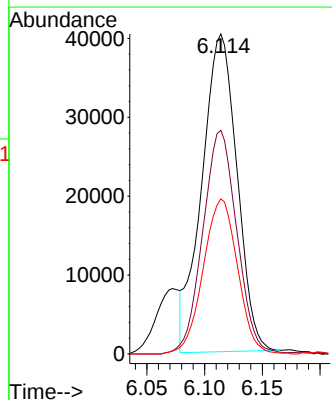
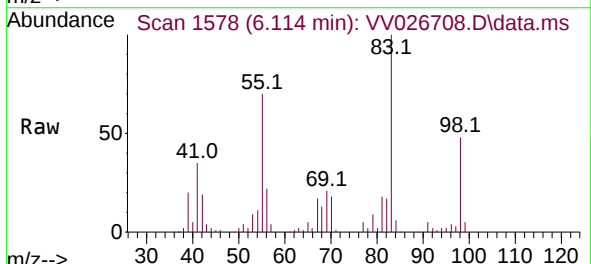
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.8	87.0
132	104.6	69.9	129.7
130	106.2	72.0	133.8

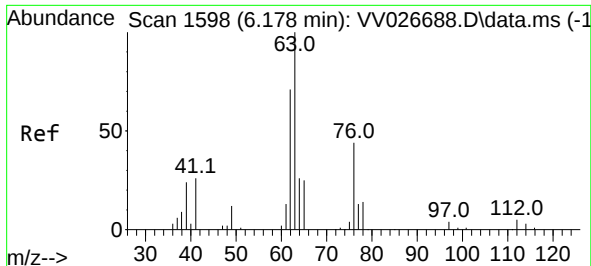


#35
Methylcyclohexane
Concen: 4.349 ug/L
RT: 6.114 min Scan# 1578
Delta R.T. -0.019 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

Tgt Ion: 83 Resp: 85369

Ion	Ratio	Lower	Upper
83	100		
55	68.1	57.0	85.4
98	47.7	39.8	59.8





#37

1,2-Dichloropropane

Concen: 5.141 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

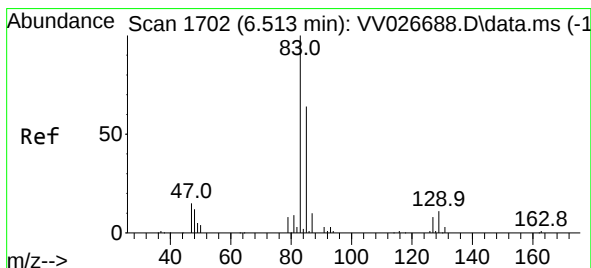
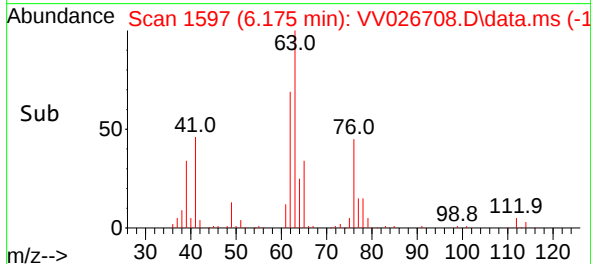
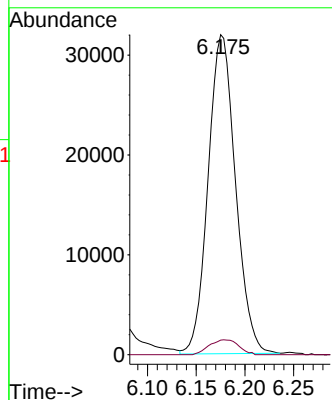
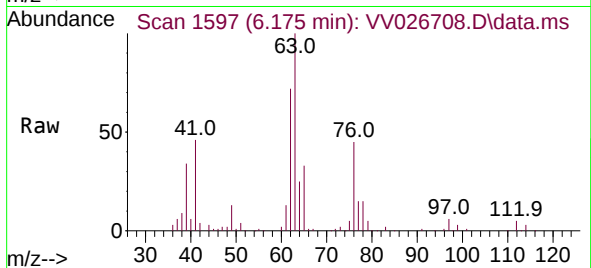
VSTD005348

Tgt Ion: 63 Resp: 62544

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.4



#38

Bromodichloromethane

Concen: 5.512 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

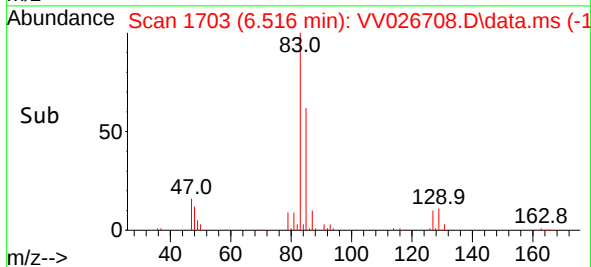
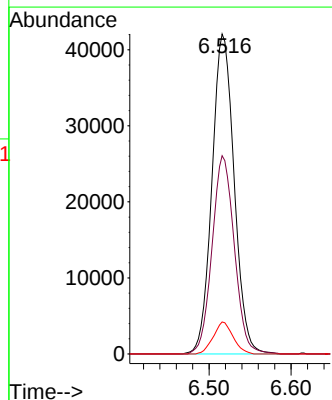
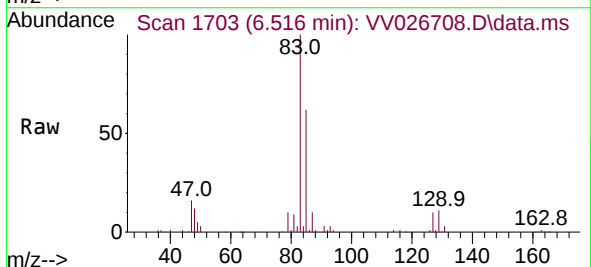
Tgt Ion: 83 Resp: 79147

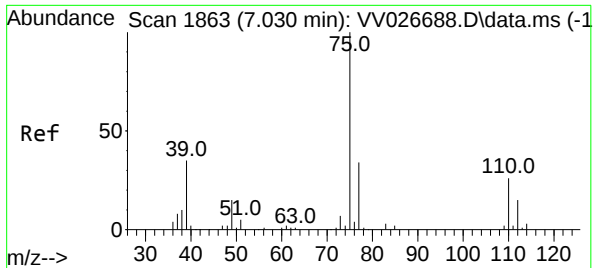
Ion Ratio Lower Upper

83 100

85 62.0 44.0 81.8

127 10.0 6.6 10.0#





#39

cis-1,3-Dichloropropene

Concen: 4.881 ug/L

RT: 7.059 min Scan# 11

Delta R.T. 0.029 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

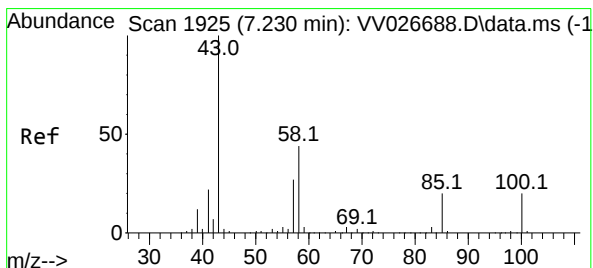
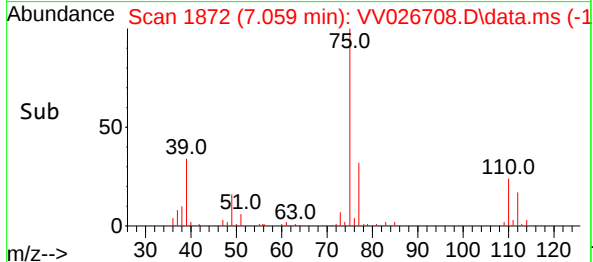
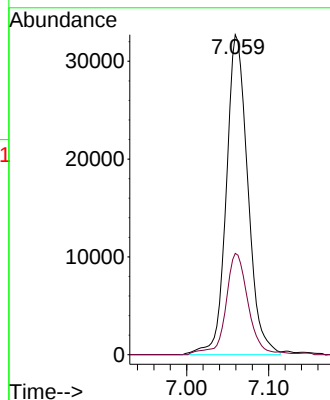
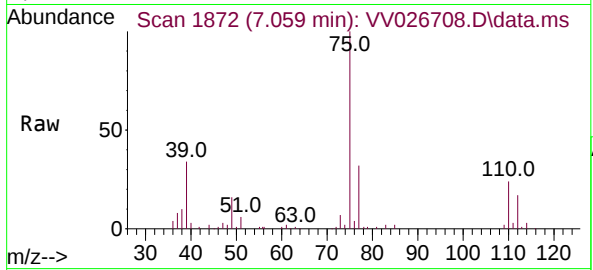
VSTD005348

Tgt Ion: 75 Resp: 59676

Ion Ratio Lower Upper

75 100

77 31.7 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 56.639 ug/L

RT: 7.275 min Scan# 1939

Delta R.T. 0.045 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

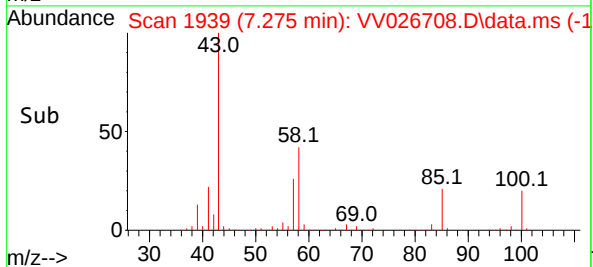
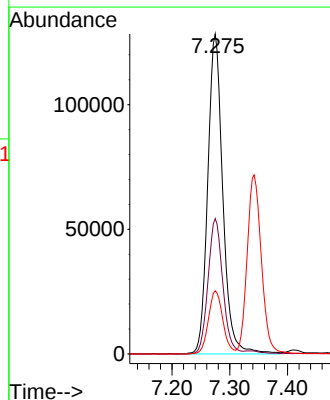
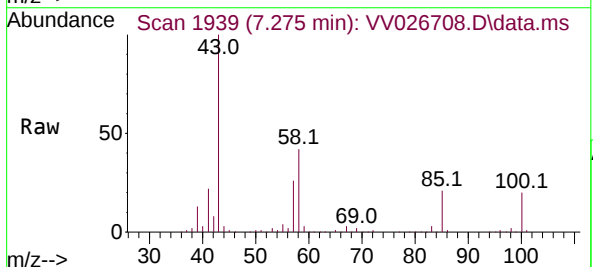
Tgt Ion: 43 Resp: 232719

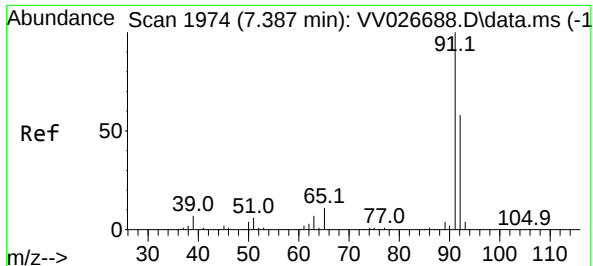
Ion Ratio Lower Upper

43 100

58 41.5 33.3 49.9

100 18.9 14.3 21.5





#42

Toluene

Concen: 5.206 ug/L

RT: 7.413 min Scan# 1974

Delta R.T. 0.026 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

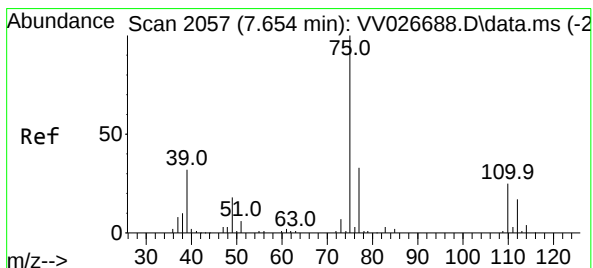
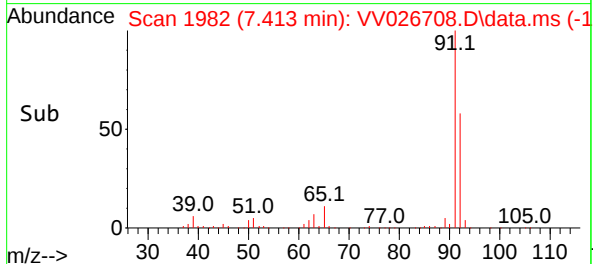
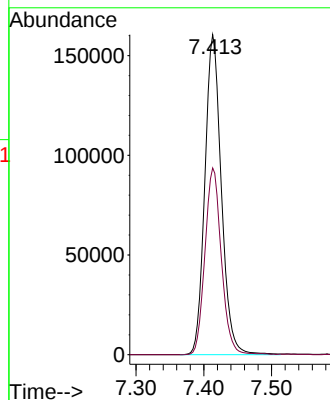
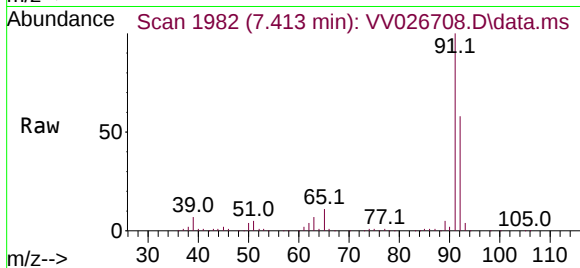
VSTD005348

Tgt Ion: 91 Resp: 271220

Ion Ratio Lower Upper

91 100

92 58.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.313 ug/L

RT: 7.677 min Scan# 2064

Delta R.T. 0.022 min

Lab File: VV026708.D

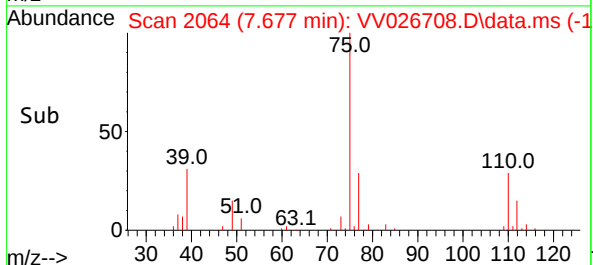
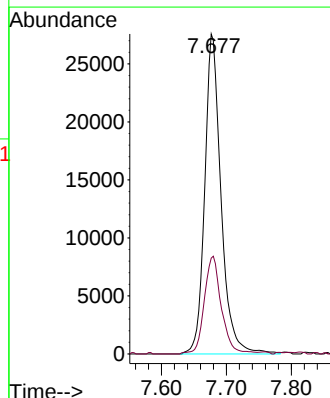
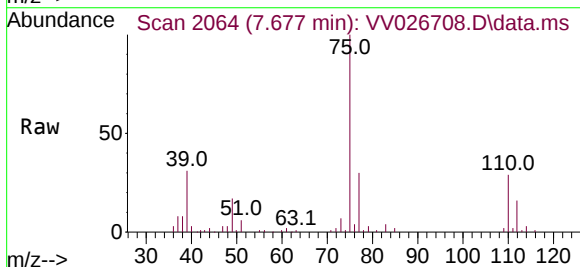
Acq: 08 Jul 2022 20:02

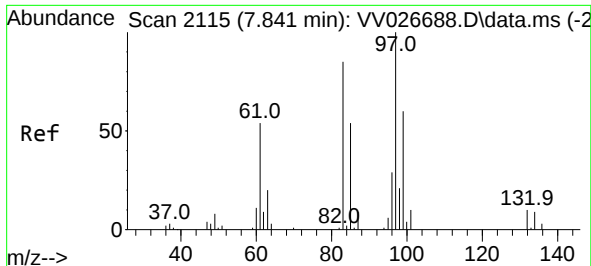
Tgt Ion: 75 Resp: 48313

Ion Ratio Lower Upper

75 100

77 29.9 23.1 42.9

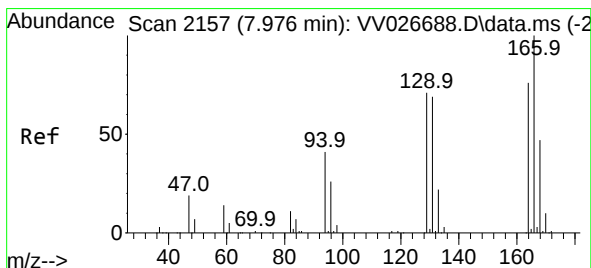
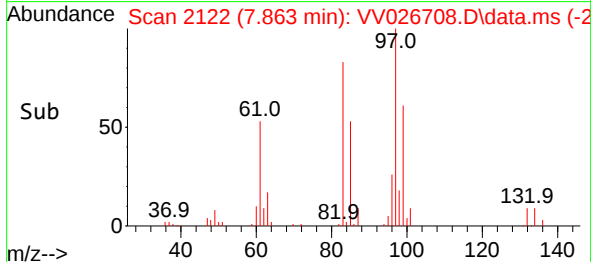
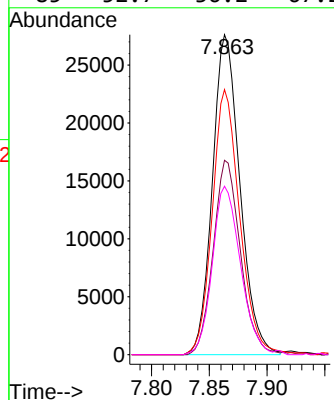
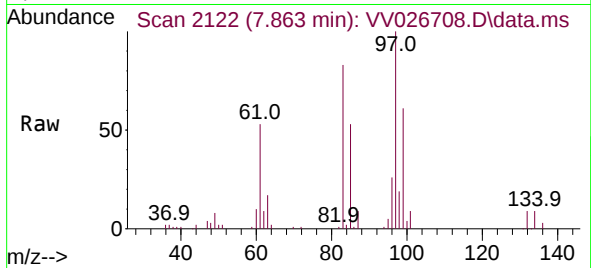




#45
1,1,2-Trichloroethane
Concen: 5.965 ug/L
RT: 7.863 min Scan# 2115
Delta R.T. 0.022 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

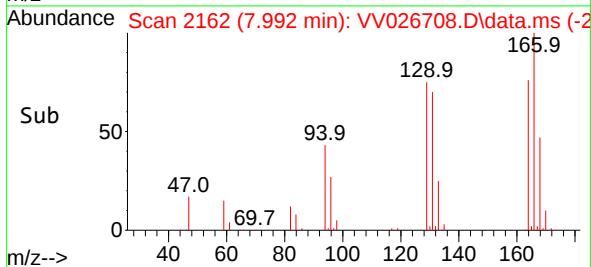
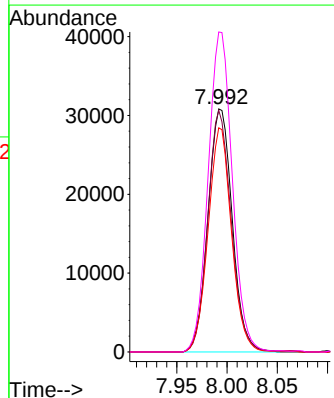
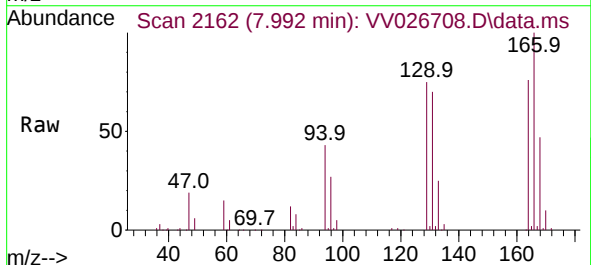
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

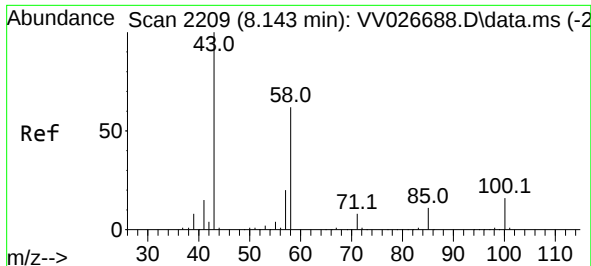
Tgt Ion: 97	Resp: 45758
Ion Ratio	Lower Upper
97 100	
99 60.8	43.4 80.6
83 82.9	58.0 107.8
85 52.7	36.2 67.2



#47
Tetrachloroethene
Concen: 4.900 ug/L
RT: 7.992 min Scan# 2162
Delta R.T. 0.016 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

Tgt Ion: 164	Resp: 51762
Ion Ratio	Lower Upper
164 100	
129 99.4	66.4 123.2
131 92.2	64.4 119.6
166 131.6	88.1 163.7

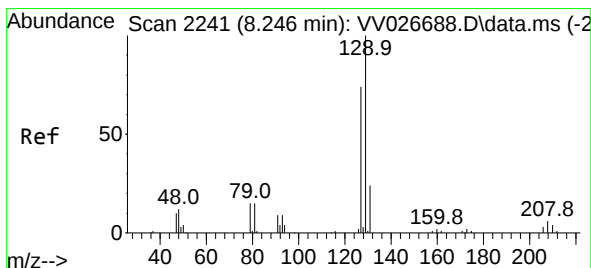
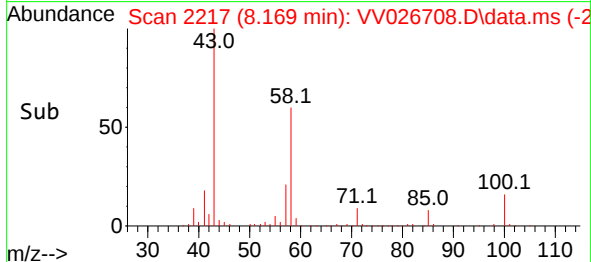
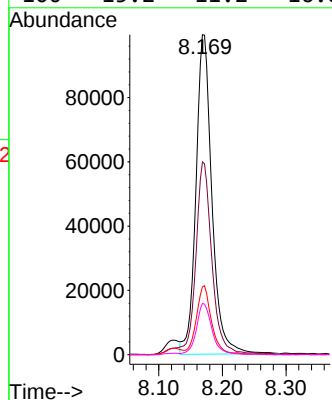
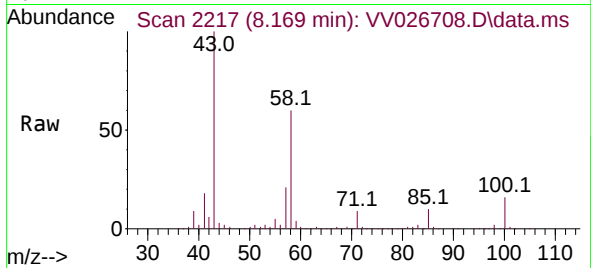




#48
2-Hexanone
Concen: 60.807 ug/L
RT: 8.169 min Scan# 21
Delta R.T. 0.026 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

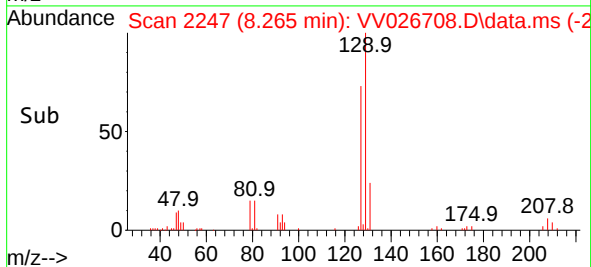
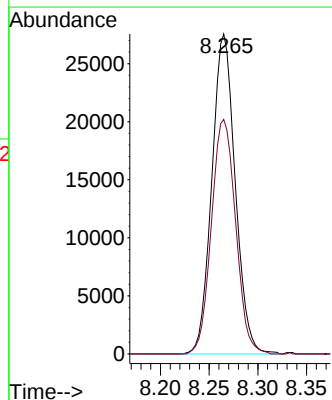
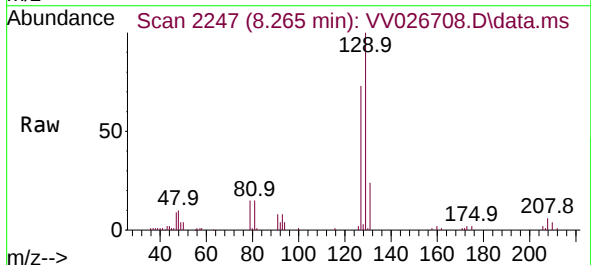
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

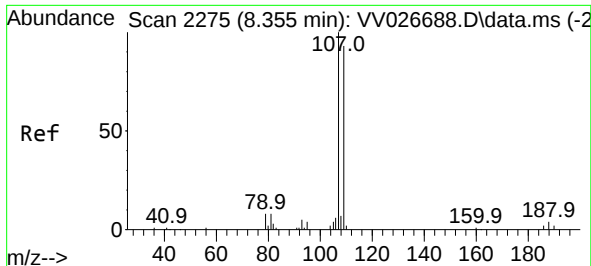
Tgt Ion:	43	Resp:	173918
Ion	Ratio	Lower	Upper
43	100		
58	61.8	47.8	71.6
57	20.4	15.0	22.6
100	15.2	11.2	16.8



#49
Dibromochloromethane
Concen: 5.924 ug/L
RT: 8.265 min Scan# 2247
Delta R.T. 0.019 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

Tgt Ion:	129	Resp:	46010
Ion	Ratio	Lower	Upper
129	100		
127	73.3	54.2	100.6





#50

1,2-Dibromoethane

Concen: 5.730 ug/L

RT: 8.371 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

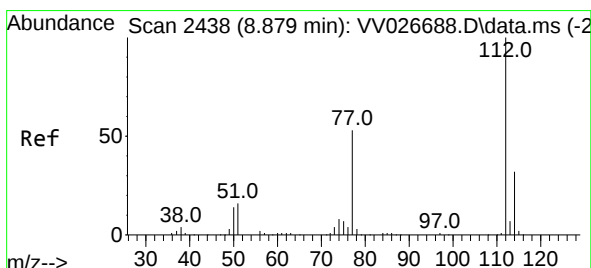
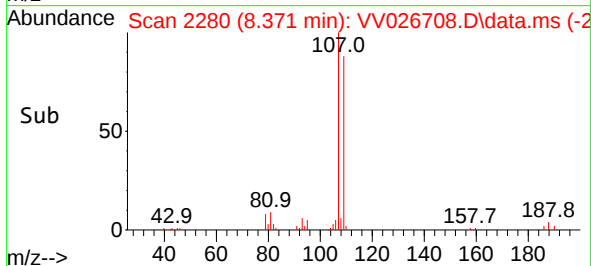
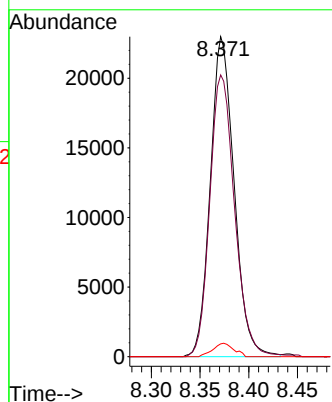
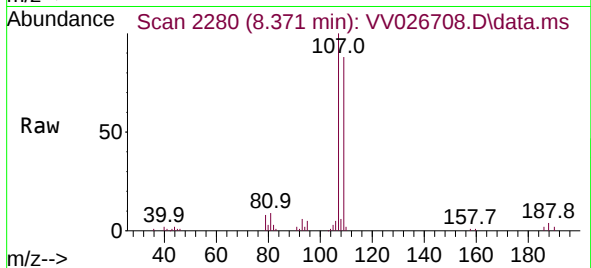
Tgt Ion:107 Resp: 39081

Ion Ratio Lower Upper

107 100

109 88.0 67.8 125.8

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 4.935 ug/L

RT: 8.895 min Scan# 2443

Delta R.T. 0.016 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

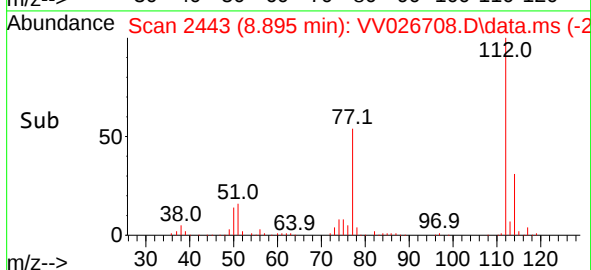
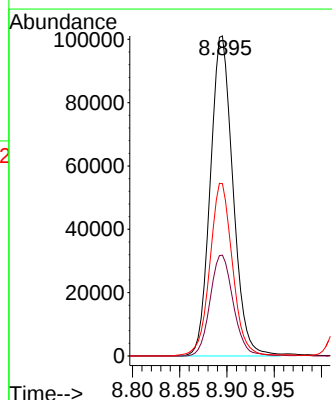
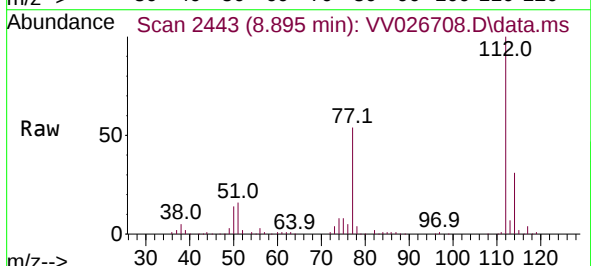
Tgt Ion:112 Resp: 168418

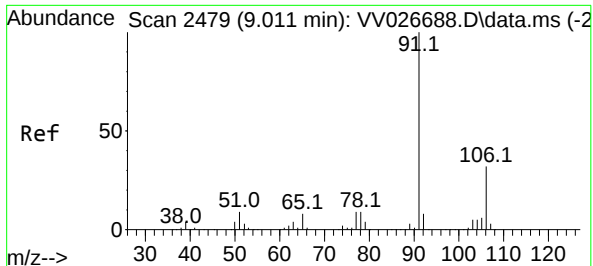
Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.5

77 53.9 44.4 66.6





#52

Ethylbenzene

Concen: 4.549 ug/L

RT: 9.024 min Scan# 2479

Delta R.T. 0.013 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

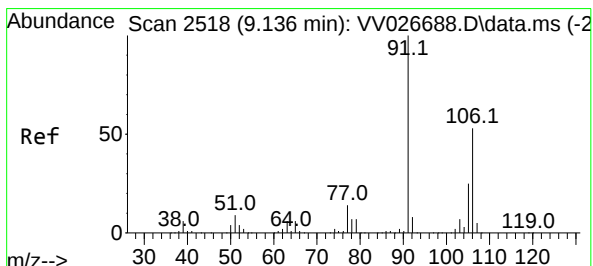
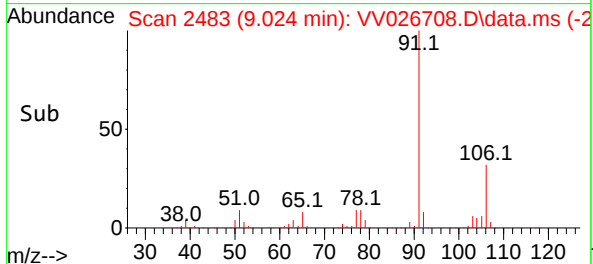
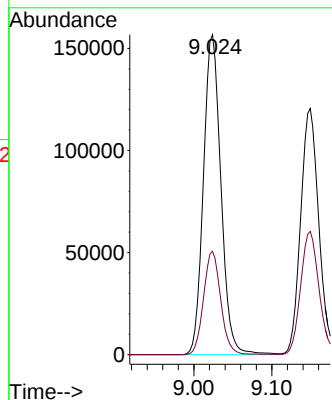
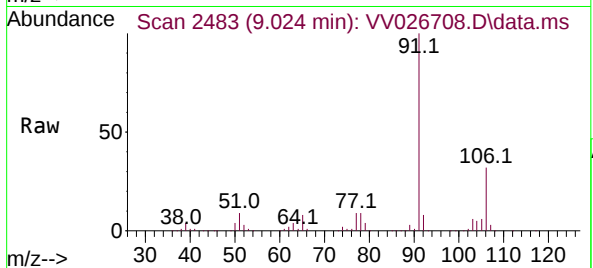
VSTD005348

Tgt Ion: 91 Resp: 245132

Ion Ratio Lower Upper

91 100

106 32.4 22.1 41.1



#53

m,p-Xylene

Concen: 4.718 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.013 min

Lab File: VV026708.D

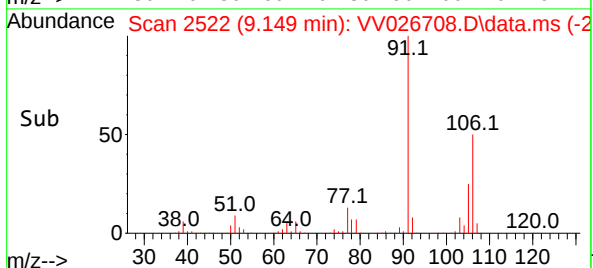
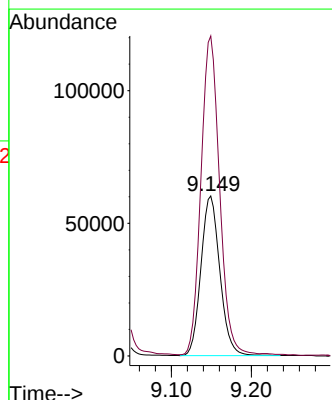
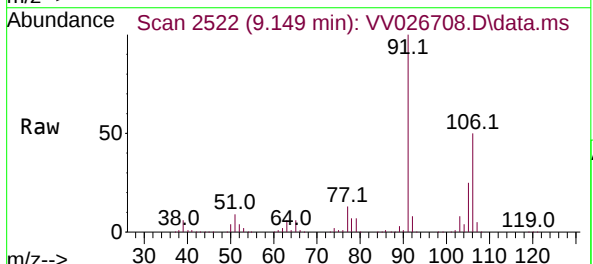
Acq: 08 Jul 2022 20:02

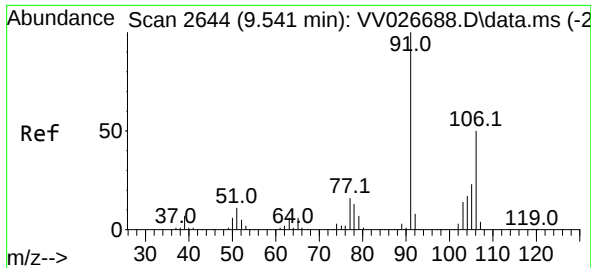
Tgt Ion: 106 Resp: 99167

Ion Ratio Lower Upper

106 100

91 200.0 139.9 259.9

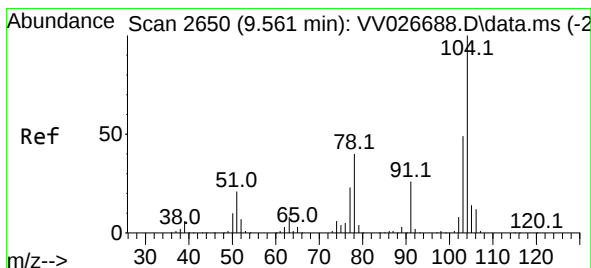
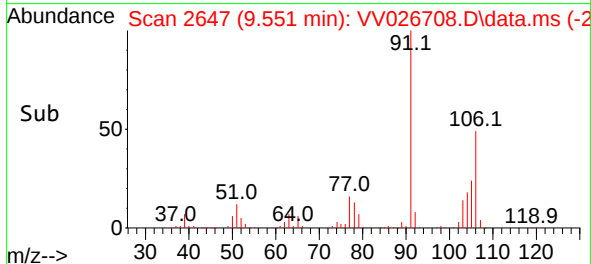
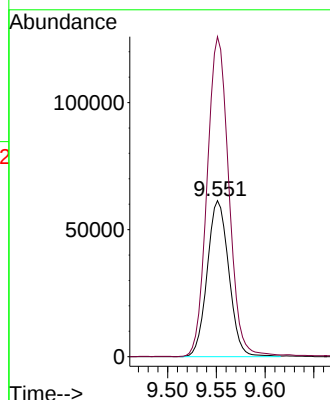
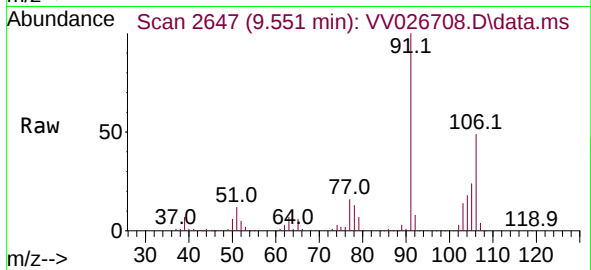




#54
o-Xylene
Concen: 4.802 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.010 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

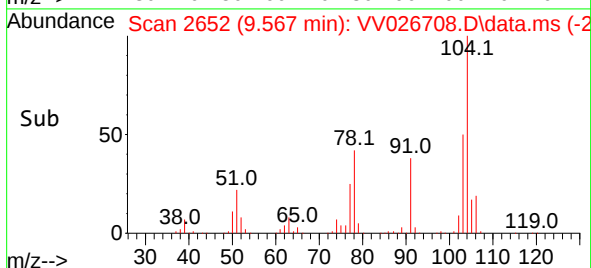
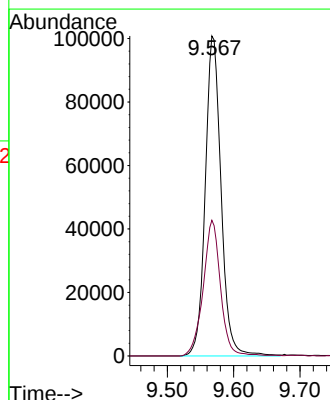
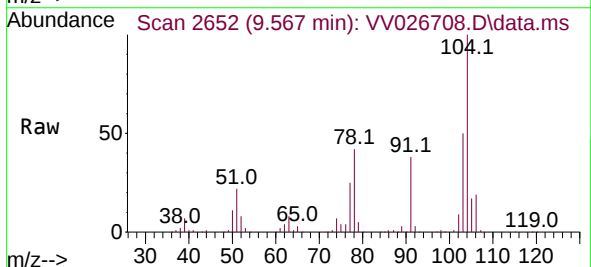
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

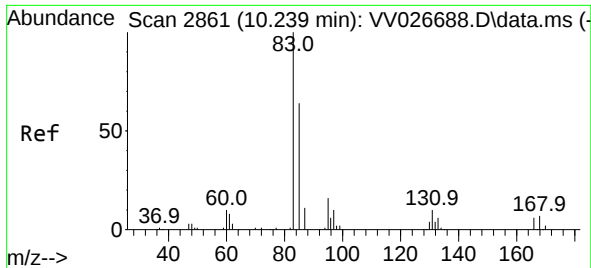
Tgt Ion:106 Resp: 94756
Ion Ratio Lower Upper
106 100
91 205.2 147.5 273.9



#55
Styrene
Concen: 5.114 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

Tgt Ion:104 Resp: 167135
Ion Ratio Lower Upper
104 100
78 42.4 28.4 52.8





#57

1,1,2,2-Tetrachloroethane

Concen: 5.961 ug/L

RT: 10.246 min Scan# 2863

Delta R.T. 0.006 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

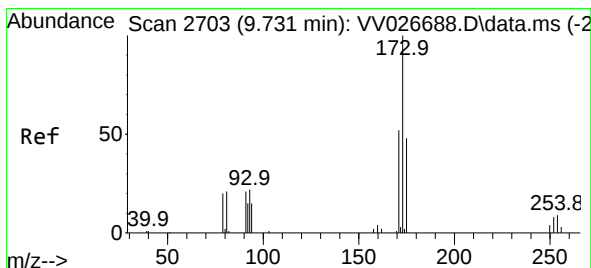
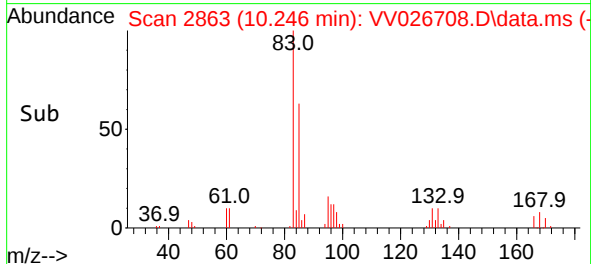
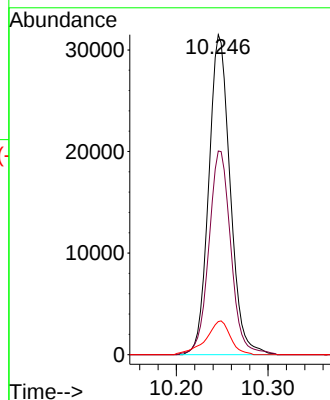
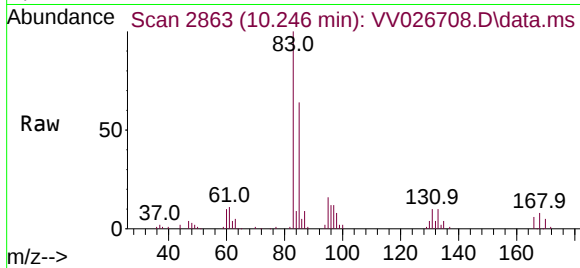
Tgt Ion: 83 Resp: 51063

Ion Ratio Lower Upper

83 100

85 63.6 44.3 82.3

131 10.3 8.0 12.0



#59

Bromoform

Concen: 5.589 ug/L

RT: 9.741 min Scan# 2706

Delta R.T. 0.010 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

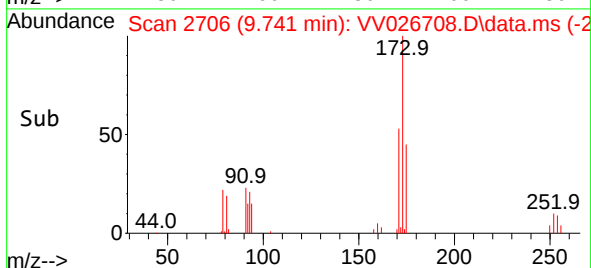
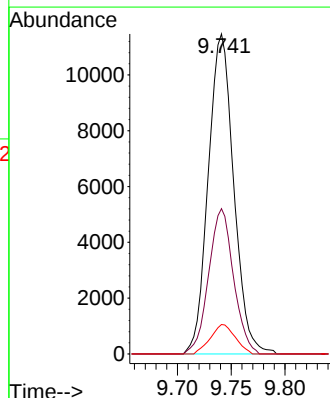
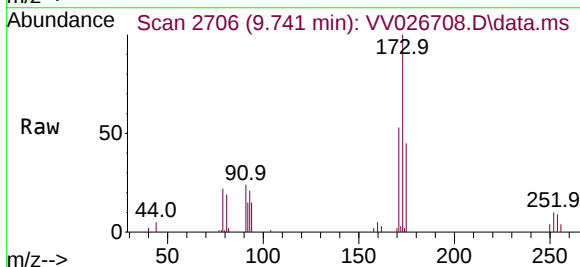
Tgt Ion: 173 Resp: 18887

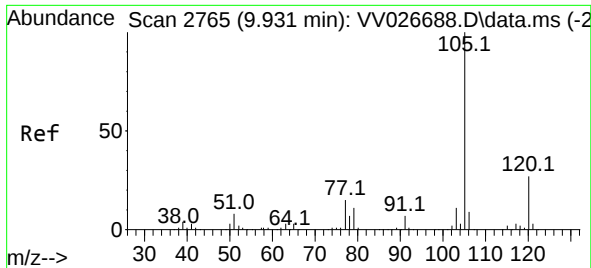
Ion Ratio Lower Upper

173 100

175 44.3 37.9 56.9

254 8.9 6.3 9.5

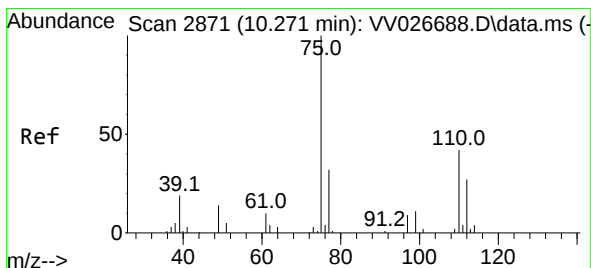
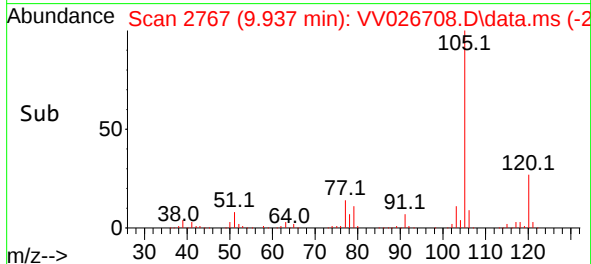
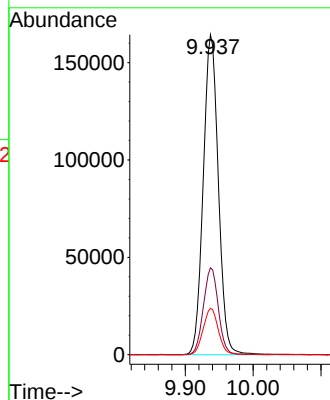
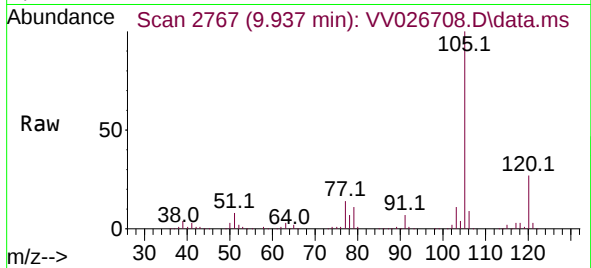




#60
Isopropylbenzene
Concen: 4.494 ug/L
RT: 9.937 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

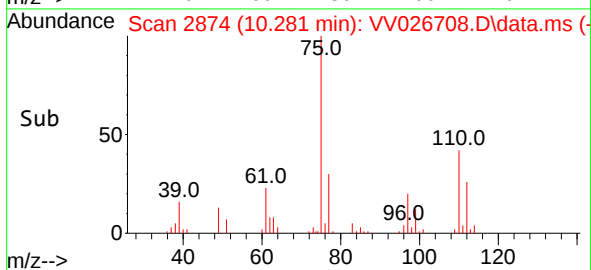
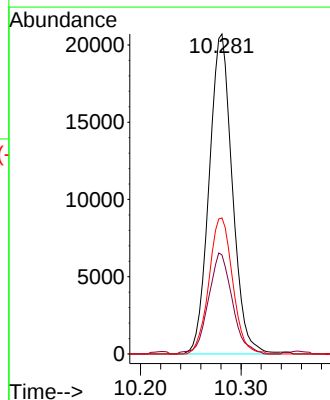
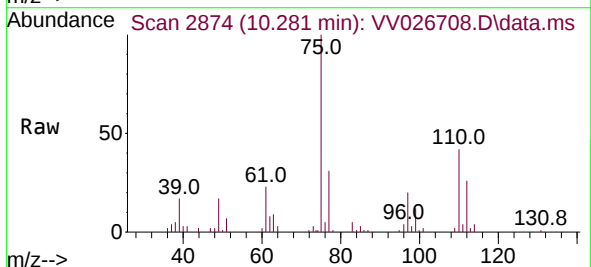
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

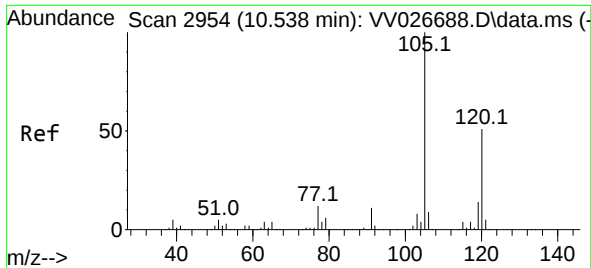
Tgt Ion:105 Resp: 254179
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.2
77 14.6 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.590 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.010 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

Tgt Ion: 75 Resp: 33194
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6
110 43.4 32.5 48.7

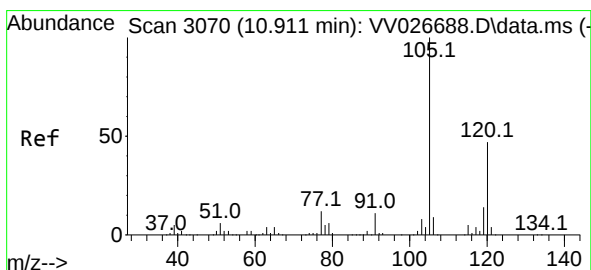
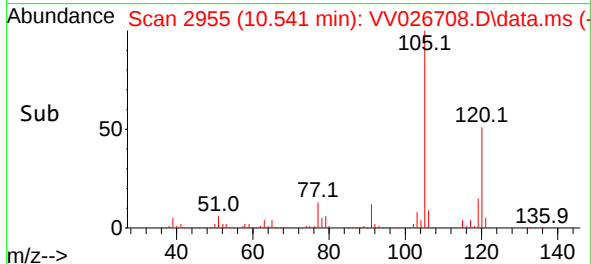
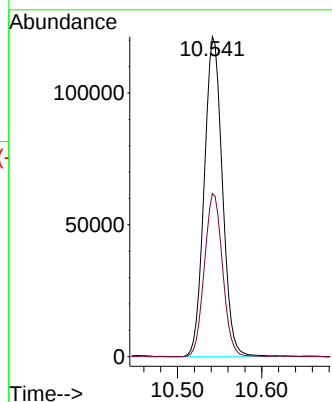
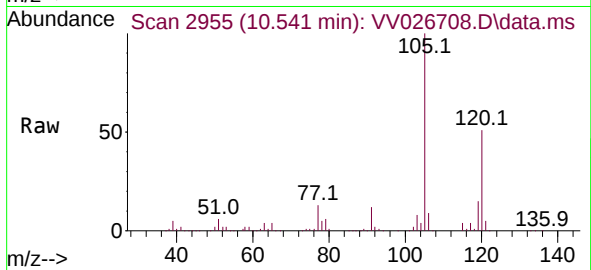




#62
1,3,5-Trimethylbenzene
Concen: 4.085 ug/L
RT: 10.541 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

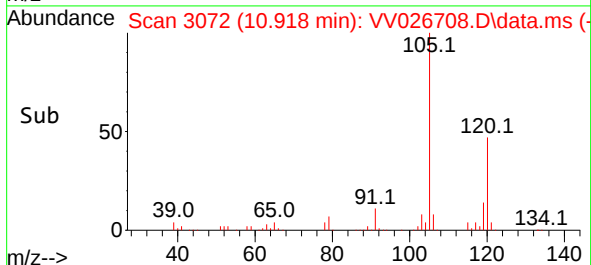
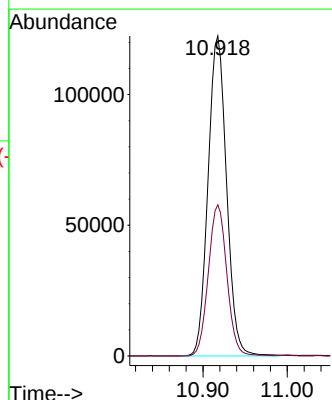
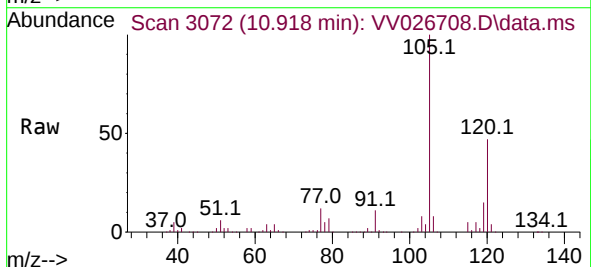
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

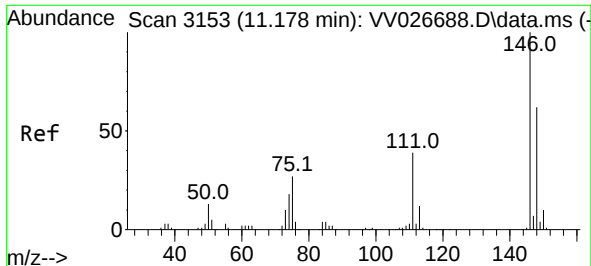
Tgt Ion:105 Resp: 182630
Ion Ratio Lower Upper
105 100
120 51.1 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 4.248 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

Tgt Ion:105 Resp: 187273
Ion Ratio Lower Upper
105 100
120 47.2 37.4 56.2

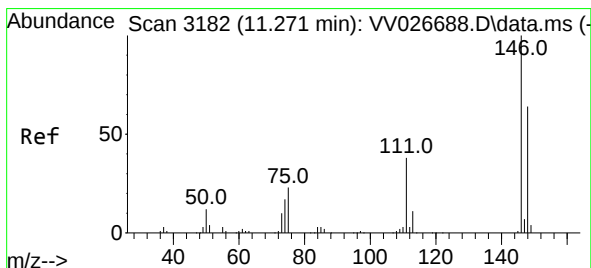
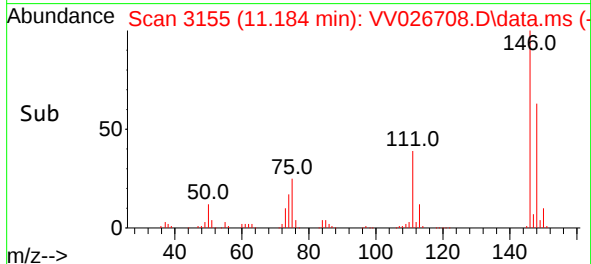
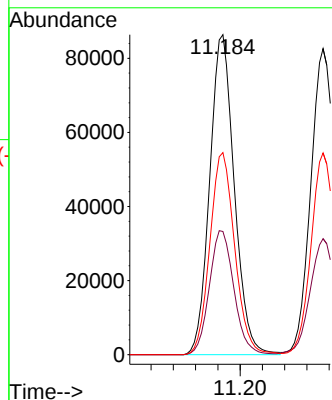
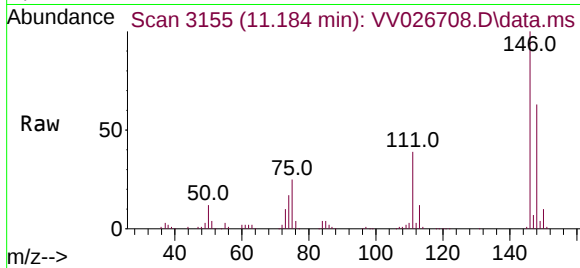




#64
1,3-Dichlorobenzene
Concen: 4.813 ug/L
RT: 11.184 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

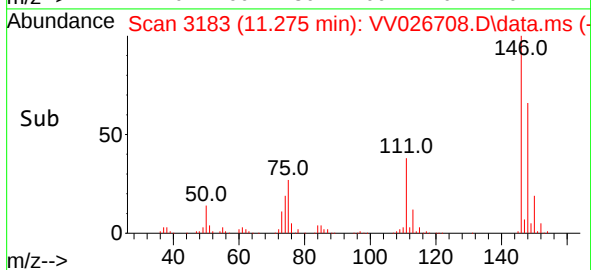
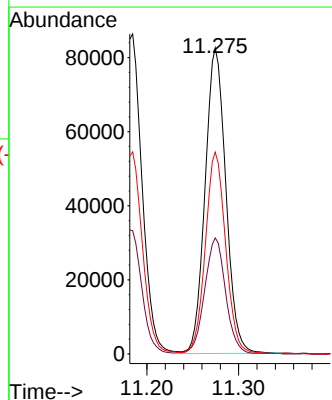
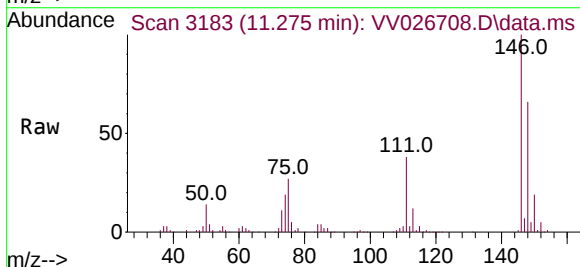
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

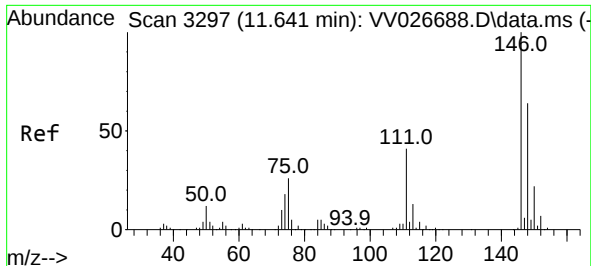
Tgt Ion:146 Resp: 132399
Ion Ratio Lower Upper
146 100
111 38.5 27.9 51.7
148 63.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.754 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV026708.D
Acq: 08 Jul 2022 20:02

Tgt Ion:146 Resp: 129855
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.3
148 65.9 43.7 81.1

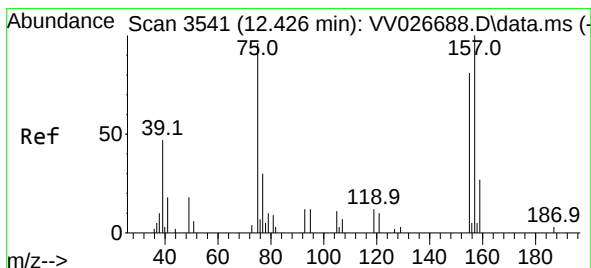
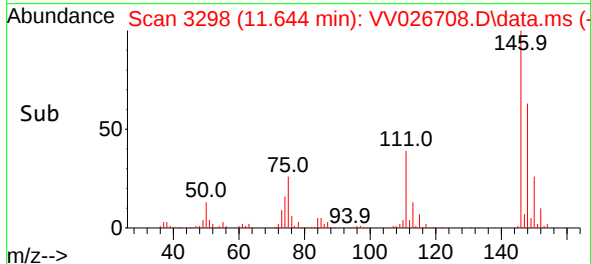
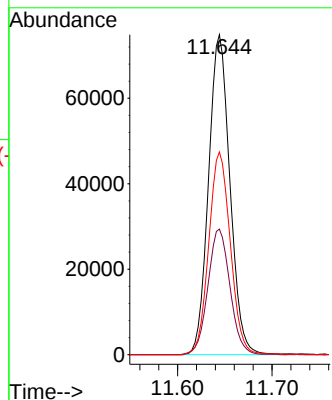
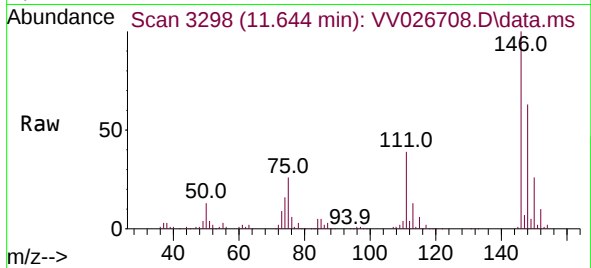




#67
 1,2-Dichlorobenzene
 Concen: 5.026 ug/L
 RT: 11.644 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026708.D
 Acq: 08 Jul 2022 20:02

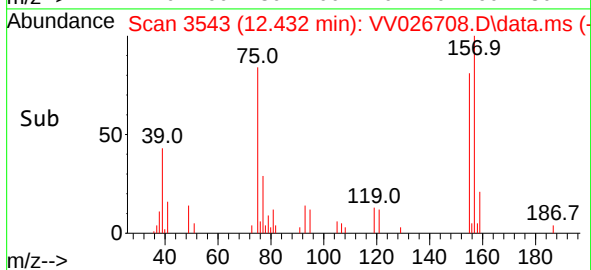
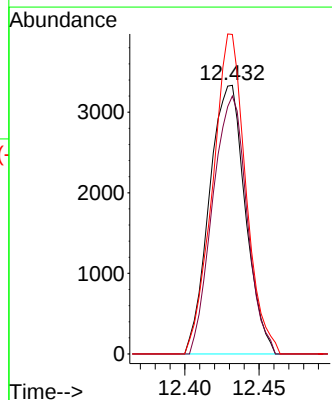
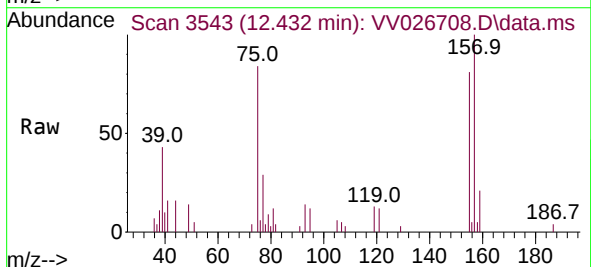
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

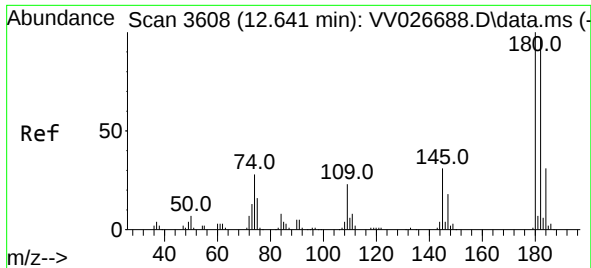
Tgt Ion:146 Resp: 117651
 Ion Ratio Lower Upper
 146 100
 111 39.3 32.8 49.2
 148 63.3 51.7 77.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.278 ug/L
 RT: 12.432 min Scan# 3543
 Delta R.T. 0.006 min
 Lab File: VV026708.D
 Acq: 08 Jul 2022 20:02

Tgt Ion: 75 Resp: 5621
 Ion Ratio Lower Upper
 75 100
 155 96.0 74.7 112.1
 157 119.0 96.9 145.3

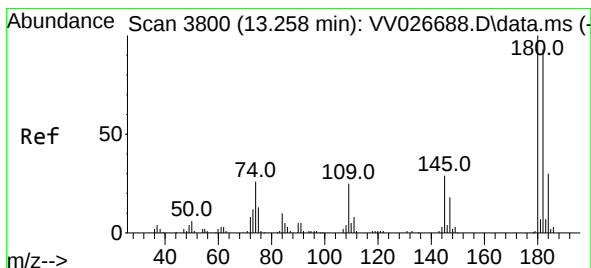
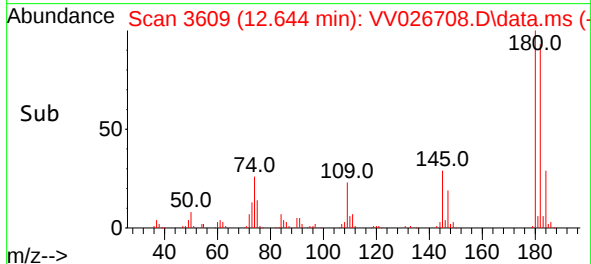
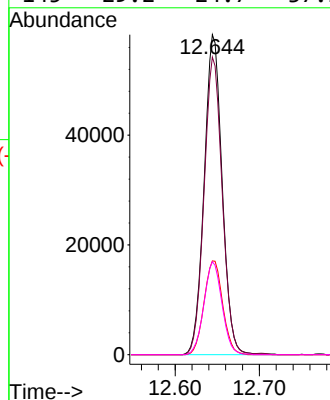
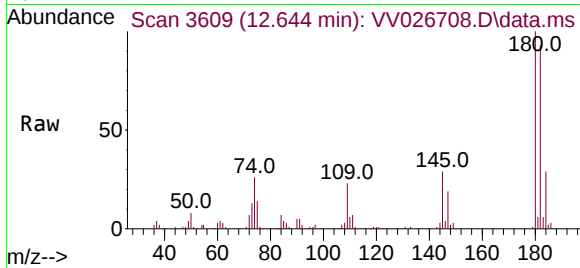




#69
 1,3,5-Trichlorobenzene
 Concen: 4.384 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV026708.D
 Acq: 08 Jul 2022 20:02

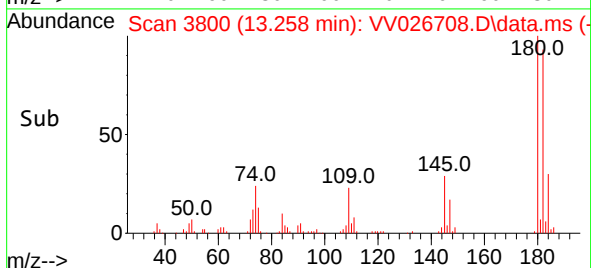
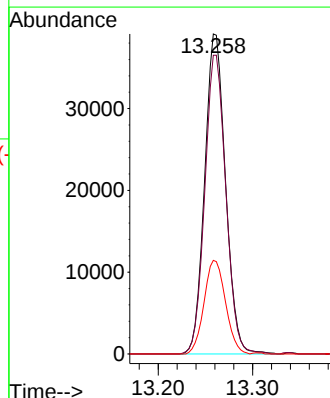
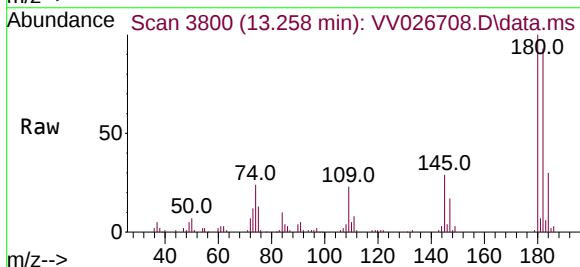
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

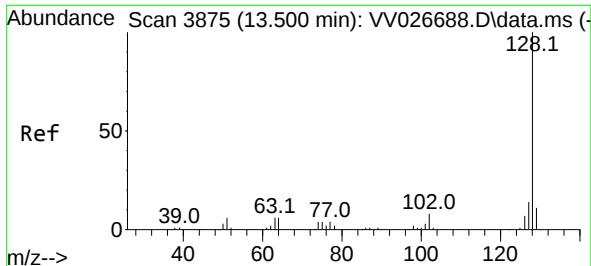
Tgt Ion:180	Resp:	86716
Ion Ratio	Lower	Upper
180	100	
182	93.9	76.6 115.0
184	30.3	24.1 36.1
145	29.2	24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.296 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026708.D
 Acq: 08 Jul 2022 20:02

Tgt Ion:180	Resp:	60011
Ion Ratio	Lower	Upper
180	100	
182	94.2	75.2 112.8
145	30.0	24.4 36.6





#71
Naphthalene

Concen: 4.276 ug/L

RT: 13.499 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

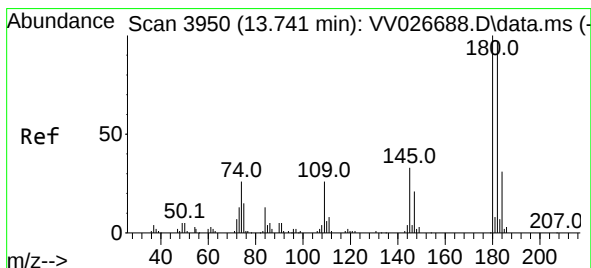
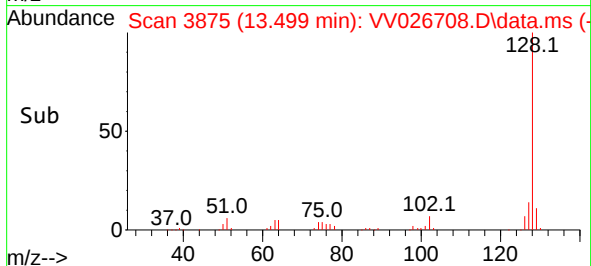
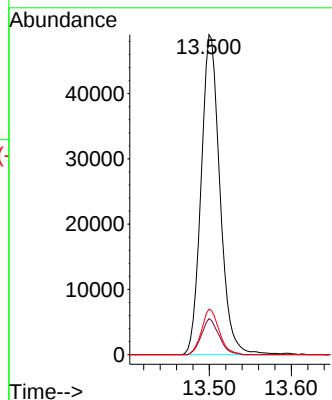
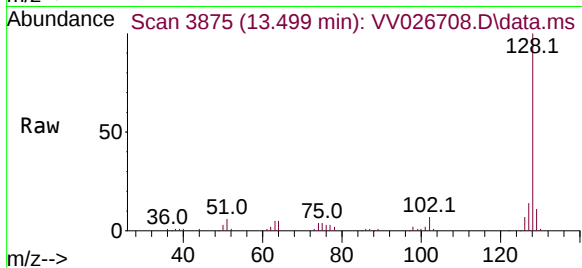
Tgt Ion:128 Resp: 77929

Ion Ratio Lower Upper

128 100

129 10.5 8.6 12.8

127 13.3 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.534 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026708.D

Acq: 08 Jul 2022 20:02

Tgt Ion:180 Resp: 51834

Ion Ratio Lower Upper

180 100

182 94.4 76.8 115.2

145 31.8 25.8 38.6

