

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026540.D
 Acq On : 24 Jun 2022 08:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005335

Quant Time: Jun 25 02:17:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:51:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	249935	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	227810	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	114809	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	89988	4.477	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.581	69	74134	4.591	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.121	63	164863	4.616	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.915	46	93685	46.881	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.760%
24) Chloroform-d	4.355	84	157956	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.037	65	58557	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.053	84	314304	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.069	67	88409	4.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.314	98	293791	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	7.622	79	25980	5.586	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.800%
46) 2-Hexanone-d5	8.088	63	72099	40.698	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54314	4.614	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	87788	4.621	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	89559	4.706	ug/L	99
3) Chloromethane	1.253	50	93693	4.501	ug/L	98
5) Vinyl chloride	1.323	62	104476	4.714	ug/L	91
6) Bromomethane	1.536	94	54201	4.518	ug/L	96
8) Chloroethane	1.597	64	110500	7.331	ug/L	99
9) Trichlorofluoromethane	1.764	101	147777	4.781	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	85814	4.686	ug/L	99
12) 1,1-Dichloroethene	2.127	96	81589	4.833	ug/L	90
13) Acetone	2.204	43	48801	38.494	ug/L	95
14) Carbon disulfide	2.304	76	228230	5.125	ug/L	99
15) Methyl Acetate	2.458	43	17108	4.680	ug/L	99
16) Methylene chloride	2.516	84	82307	4.593	ug/L	99
17) Methyl tert-butyl Ether	2.780	73	124337	4.519	ug/L	98
18) trans-1,2-Dichloroethene	2.770	96	81550	4.735	ug/L	97
19) 1,1-Dichloroethane	3.198	63	149494	4.834	ug/L	99
21) 2-Butanone	3.999	43	76546	40.136	ug/L	# 66
22) cis-1,2-Dichloroethene	3.918	96	83642	4.891	ug/L	97
23) Bromochloromethane	4.253	128	34032	4.832	ug/L	93
25) Chloroform	4.381	83	153256	4.632	ug/L	97

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 ALS Vial : 60 Sample Multiplier: 1

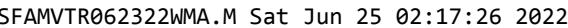
Instrument :
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 ClientSampleId :
 VSTD005335

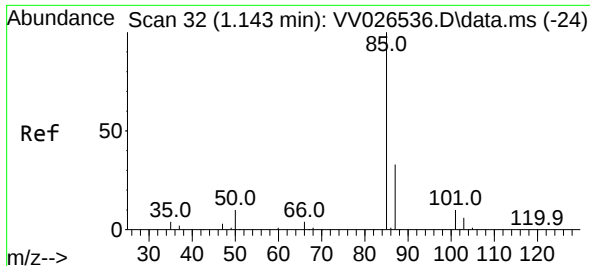
Quant Time: Jun 25 02:17:17 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:51:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	69336	4.709	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	137585	4.908	ug/L	99
30) Cyclohexane	4.680	56	109559	4.936	ug/L	98
31) Carbon tetrachloride	4.831	117	119207	5.070	ug/L	99
33) Benzene	5.101	78	328374	4.937	ug/L	100
34) Trichloroethene	5.915	95	85153	4.870	ug/L	97
35) Methylcyclohexane	6.130	83	122921	4.752	ug/L	100
37) 1,2-Dichloropropane	6.172	63	76990	4.802	ug/L	99
38) Bromodichloromethane	6.510	83	97254	5.139	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	86489	5.367	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	254800	47.053	ug/L	99
42) Toluene	7.384	91	356994	5.199	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	66467	5.546	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	48320	4.780	ug/L	96
47) Tetrachloroethene	7.973	164	67626	4.857	ug/L	97
48) 2-Hexanone	8.140	43	178045	47.232	ug/L	98
49) Dibromochloromethane	8.243	129	58566	5.721	ug/L	99
50) 1,2-Dibromoethane	8.349	107	42616	4.741	ug/L #	96
51) Chlorobenzene	8.879	112	219087	4.871	ug/L	99
52) Ethylbenzene	9.008	91	352735	4.967	ug/L	100
53) m,p-Xylene	9.137	106	141521	5.108	ug/L	97
54) o-Xylene	9.542	106	131398	5.053	ug/L	99
55) Styrene	9.558	104	213093	4.947	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	52261	4.629	ug/L	96
59) Bromoform	9.728	173	26463	6.255	ug/L	95
60) Isopropylbenzene	9.928	105	352558	4.979	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	33858	4.555	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	273008	4.878	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	272925	4.945	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	165759	4.813	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	161250	4.715	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	139340	4.755	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	5700	4.275	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	111721	4.511	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	79284	4.534	ug/L	100
71) Naphthalene	13.500	128	92701	4.063	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	61951	4.329	ug/L	99

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

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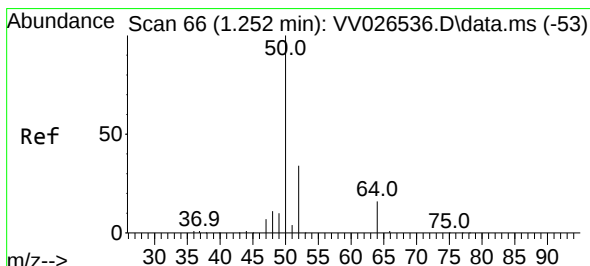
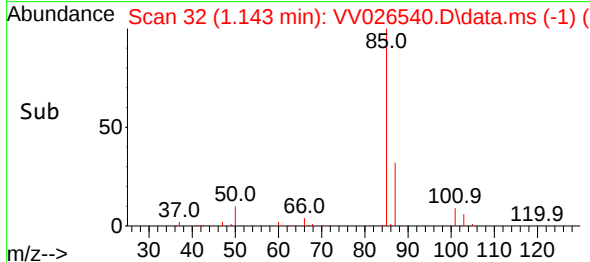
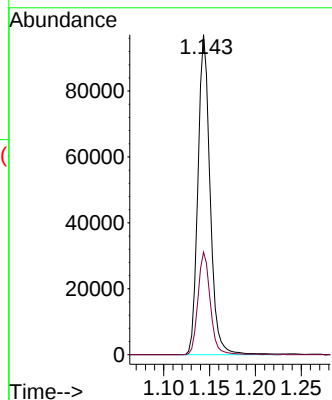
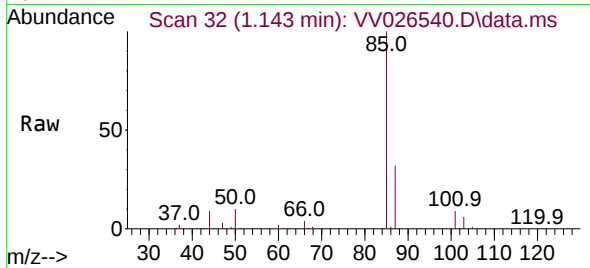




#2
 Dichlorodifluoromethane
 Concen: 4.706 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VV026540.D
 Acq: 24 Jun 2022 08:42

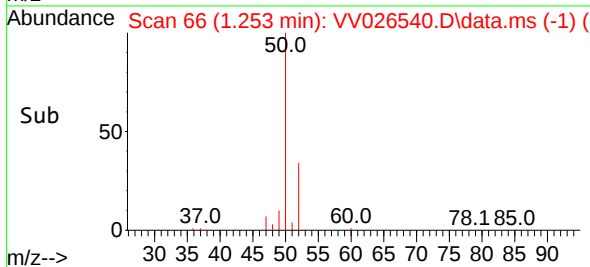
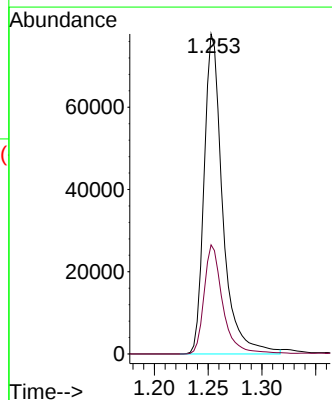
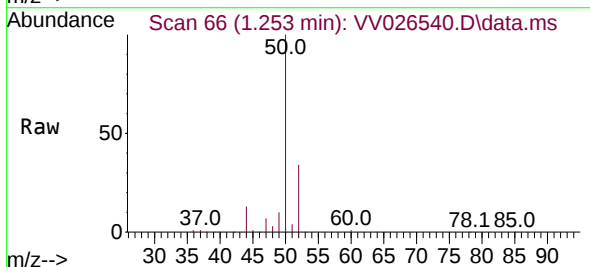
Instrument :
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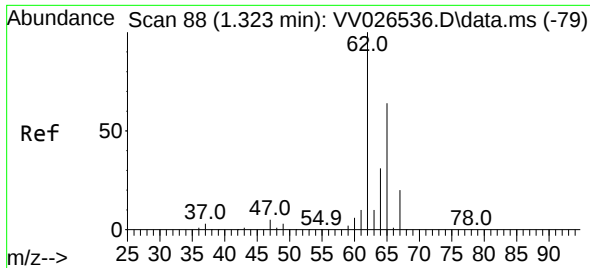
Tgt Ion: 85 Resp: 89559
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.6 38.4



#3
 Chloromethane
 Concen: 4.501 ug/L
 RT: 1.253 min Scan# 66
 Delta R.T. 0.006 min
 Lab File: VV026540.D
 Acq: 24 Jun 2022 08:42

Tgt Ion: 50 Resp: 93693
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.0 42.6

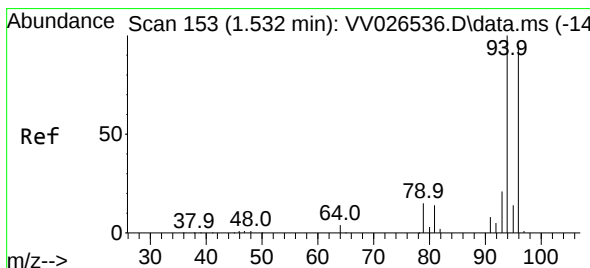
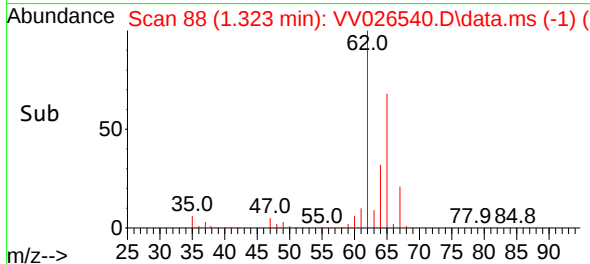
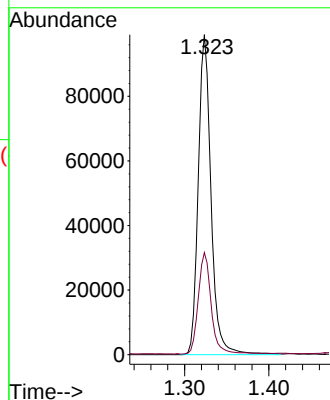
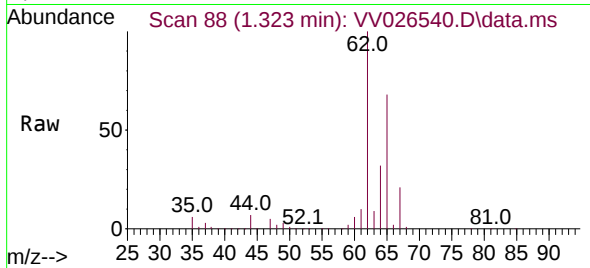




#5
 Vinyl chloride
 Concen: 4.714 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. 0.006 min
 Lab File: VV026540.D
 Acq: 24 Jun 2022 08:42

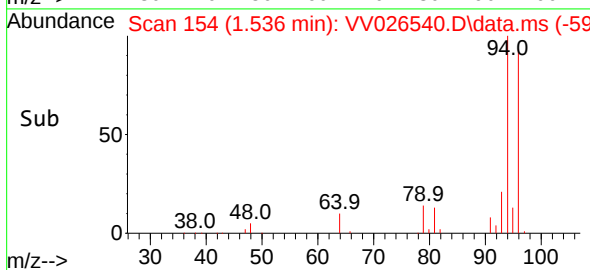
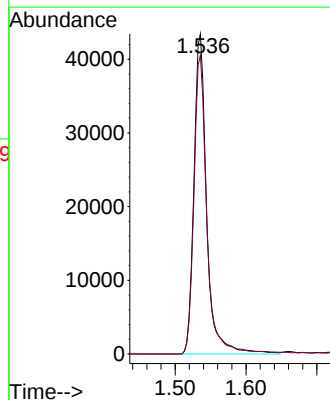
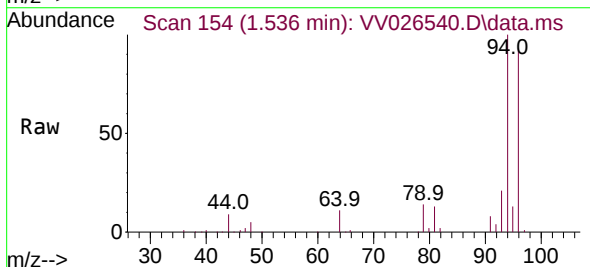
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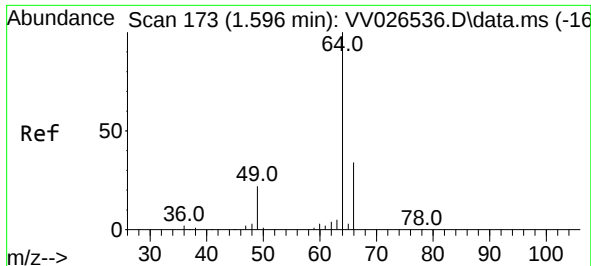
Tgt Ion: 62 Resp: 104476
 Ion Ratio Lower Upper
 62 100
 64 31.9 26.2 48.6



#6
 Bromomethane
 Concen: 4.518 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. 0.006 min
 Lab File: VV026540.D
 Acq: 24 Jun 2022 08:42

Tgt Ion: 94 Resp: 54201
 Ion Ratio Lower Upper
 94 100
 96 93.3 68.0 126.2

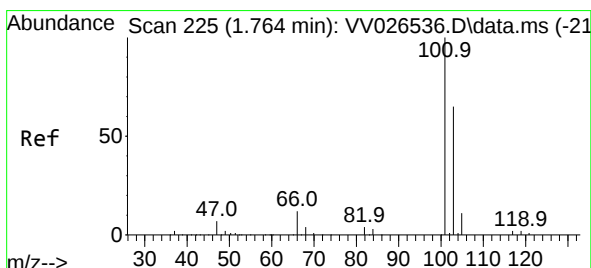
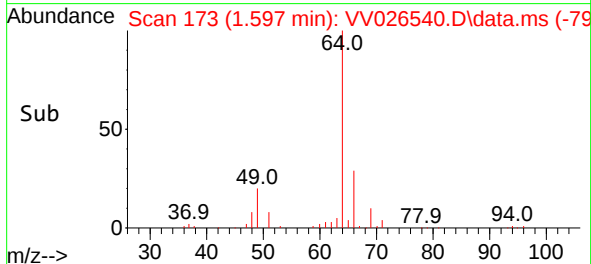
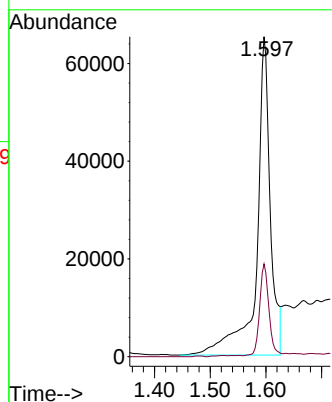
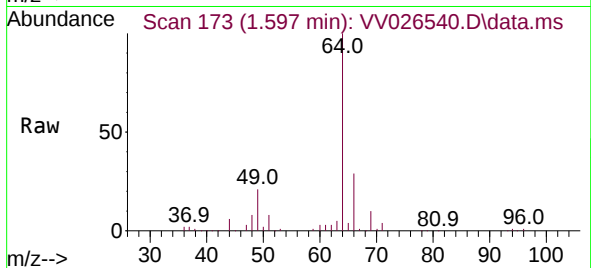




#8
Chloroethane
Concen: 7.331 ug/L
RT: 1.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

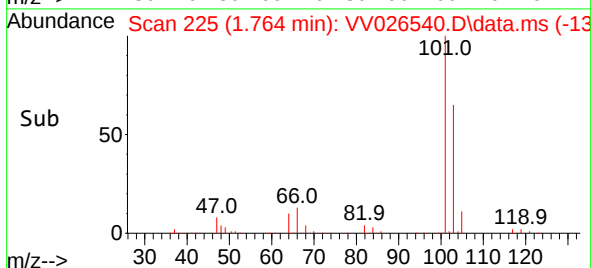
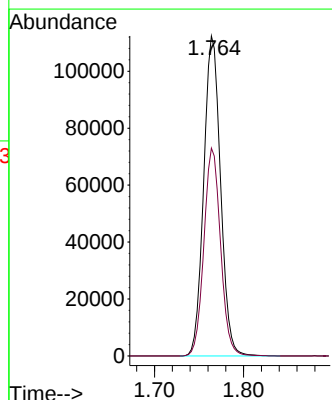
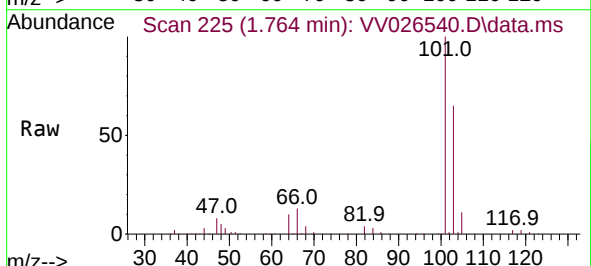
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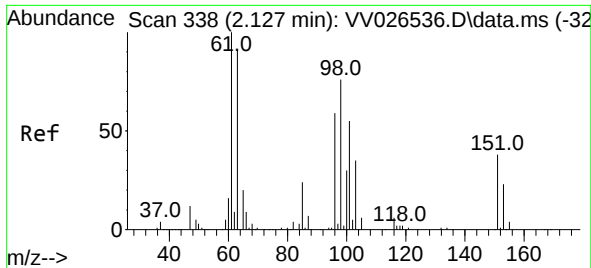
Tgt Ion: 64 Resp: 110500
Ion Ratio Lower Upper
64 100
66 29.0 20.0 37.2



#9
Trichlorofluoromethane
Concen: 4.781 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Tgt Ion:101 Resp: 147777
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.4

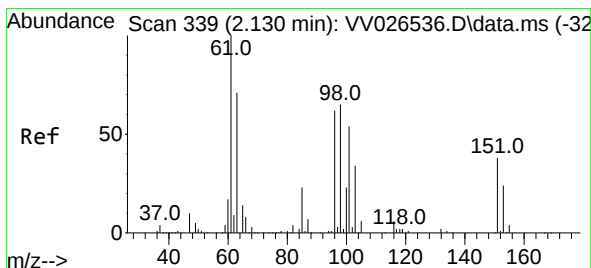
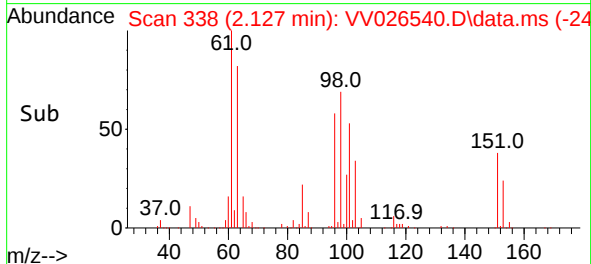
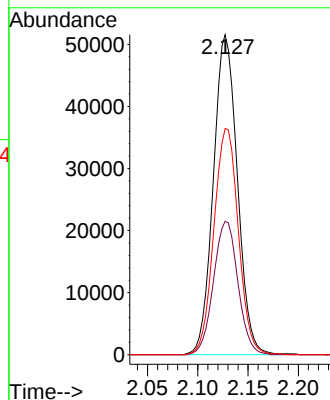
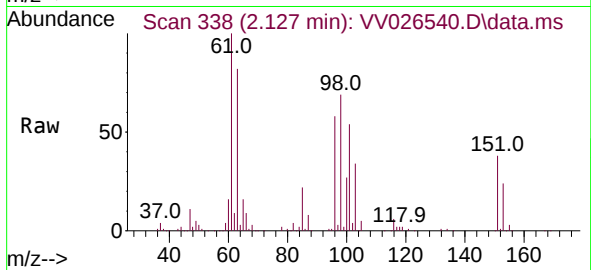




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.686 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. 0.003 min
 Lab File: VV026540.D
 Acq: 24 Jun 2022 08:42

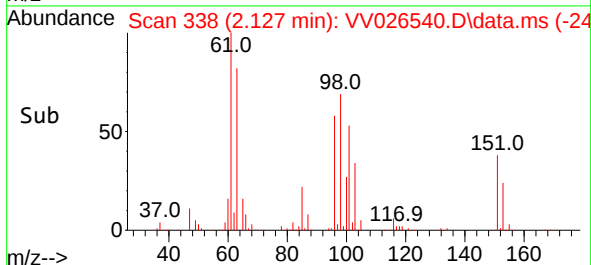
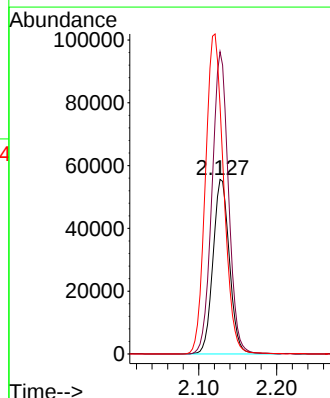
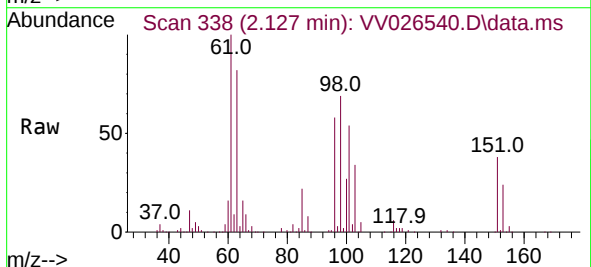
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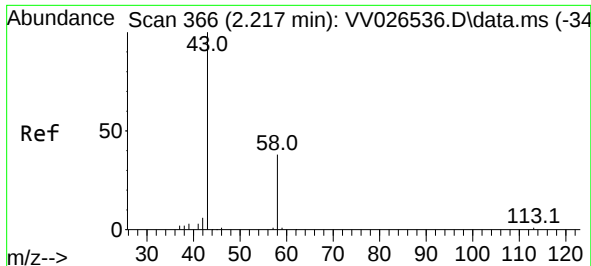
Tgt Ion:101 Resp: 85814
 Ion Ratio Lower Upper
 101 100
 85 42.3 34.2 51.4
 151 71.9 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.833 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. 0.003 min
 Lab File: VV026540.D
 Acq: 24 Jun 2022 08:42

Tgt Ion: 96 Resp: 81589
 Ion Ratio Lower Upper
 96 100
 61 173.2 115.4 214.4
 63 142.4 87.4 162.2

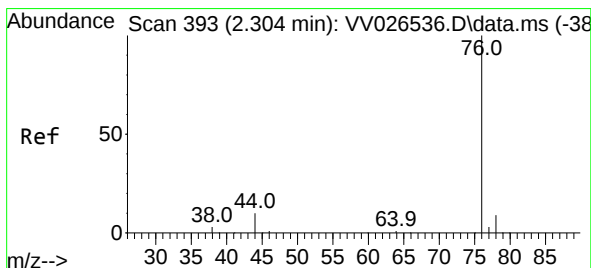
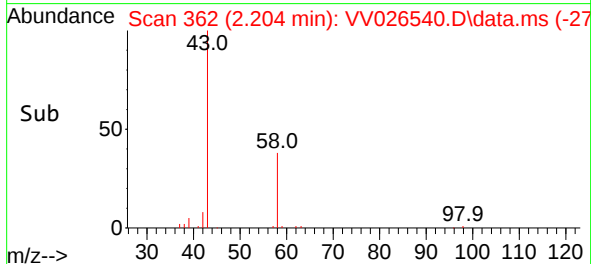
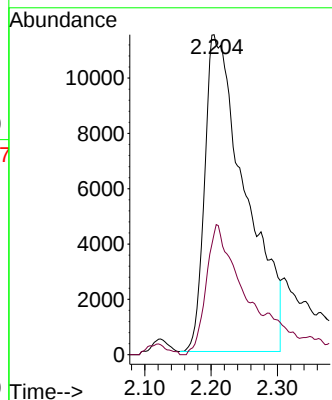
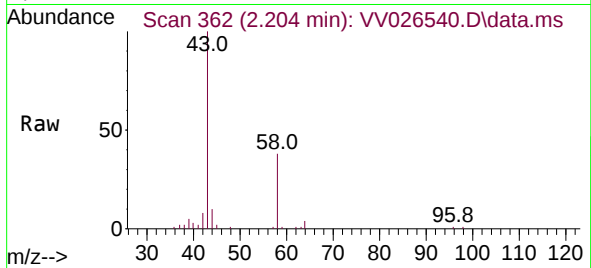




#13
Acetone
Concen: 38.494 ug/L
RT: 2.204 min Scan# 301
Delta R.T. -0.019 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

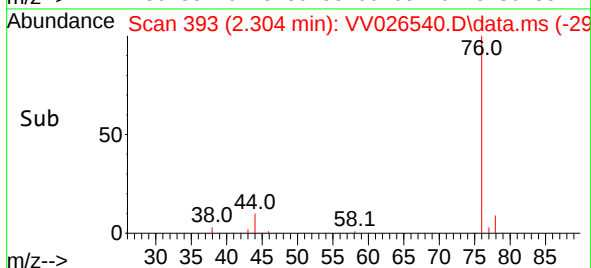
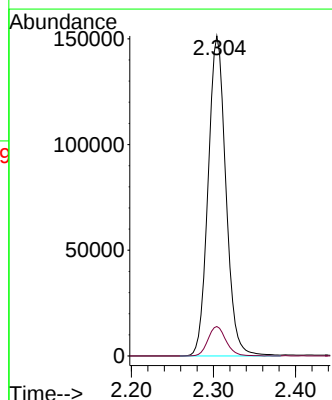
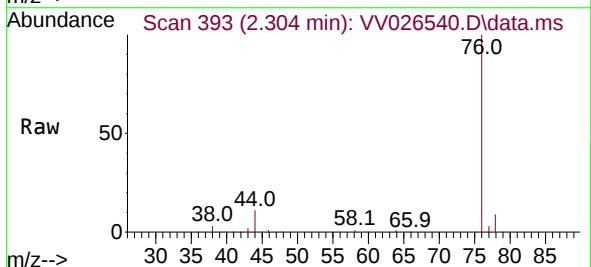
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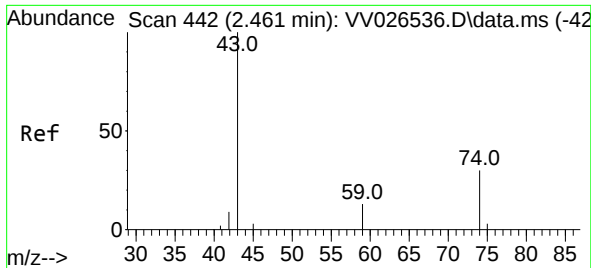
Tgt Ion: 43 Resp: 48801
Ion Ratio Lower Upper
43 100
58 34.4 0.0 75.0



#14
Carbon disulfide
Concen: 5.125 ug/L
RT: 2.304 min Scan# 393
Delta R.T. 0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Tgt Ion: 76 Resp: 228230
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6

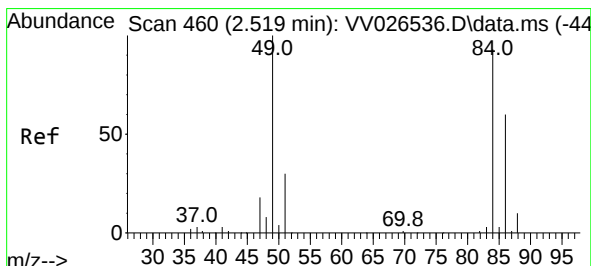
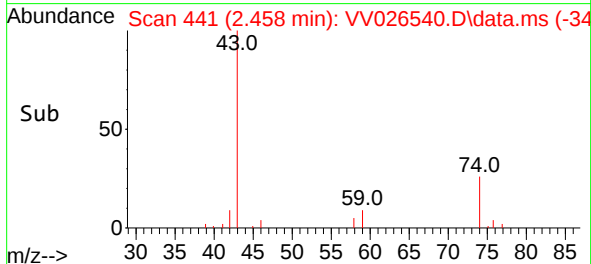
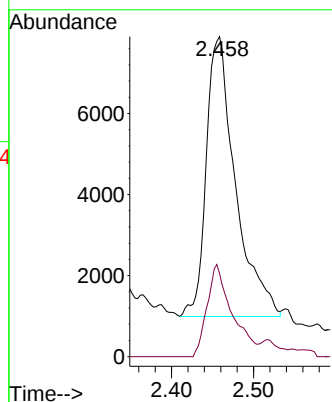
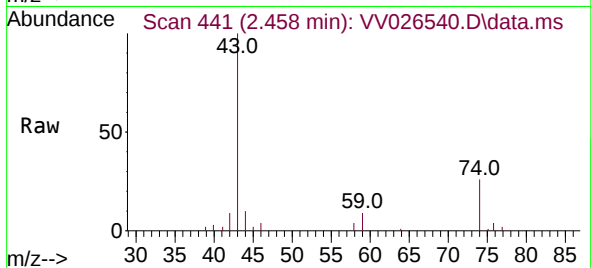




#15
Methyl Acetate
Concen: 4.680 ug/L
RT: 2.458 min Scan# 441
Delta R.T. -0.000 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

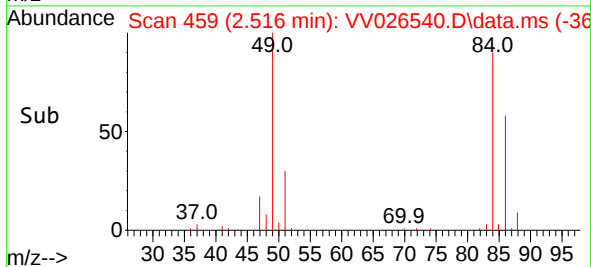
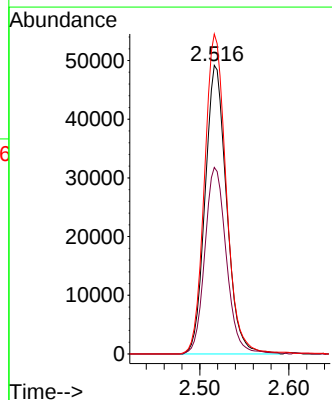
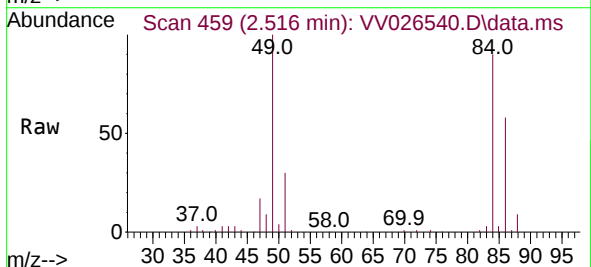
Instrument :
MSVOA_V
ClientSampleId :
VSTD005335

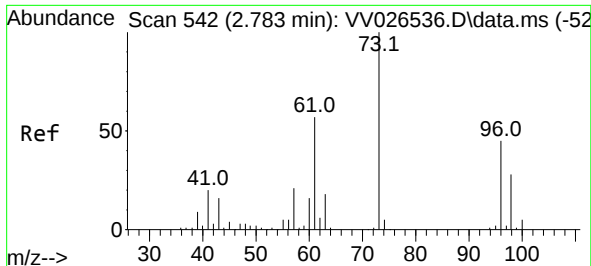
Tgt Ion: 43 Resp: 17108
Ion Ratio Lower Upper
43 100
74 28.2 22.1 33.1



#16
Methylene chloride
Concen: 4.593 ug/L
RT: 2.516 min Scan# 459
Delta R.T. -0.000 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Tgt Ion: 84 Resp: 82307
Ion Ratio Lower Upper
84 100
86 64.6 46.0 85.4
49 110.9 77.7 144.3

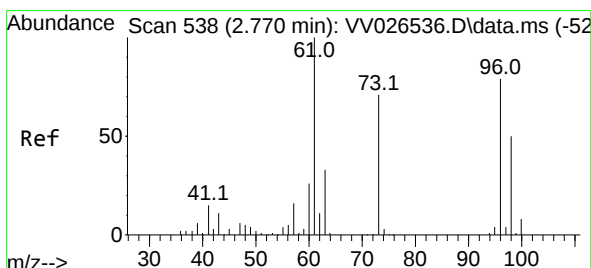
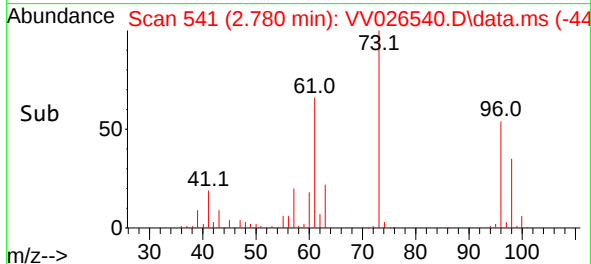
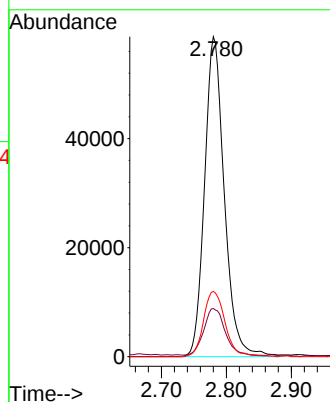
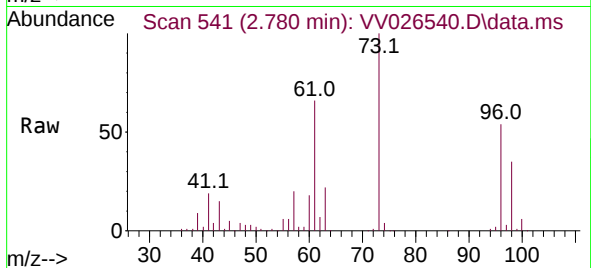




#17
Methyl tert-butyl Ether
Concen: 4.519 ug/L
RT: 2.780 min Scan# 541
Delta R.T. -0.000 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

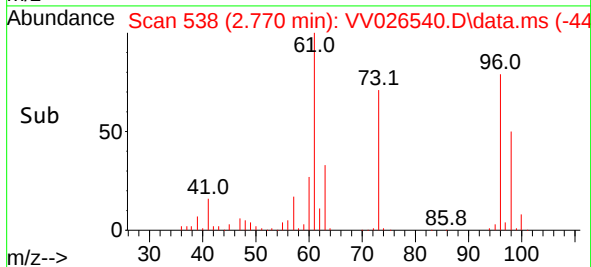
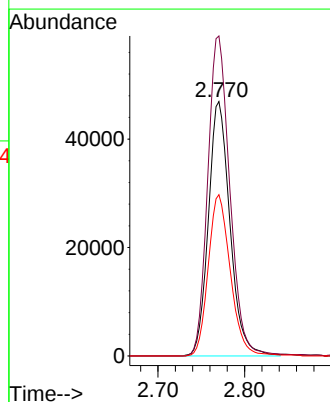
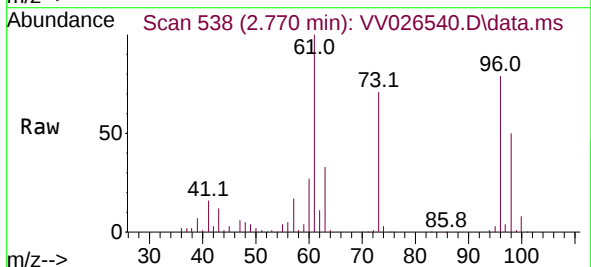
Instrument :
MSVOA_V
ClientSampleId :
VSTD005335

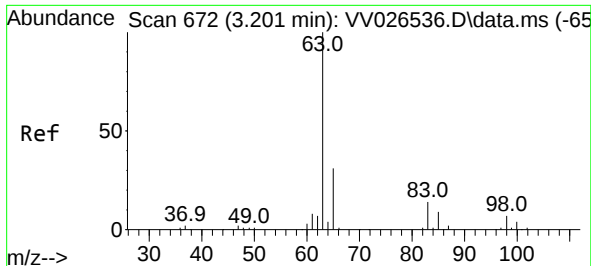
Tgt Ion: 73 Resp: 124337
Ion Ratio Lower Upper
73 100
43 15.8 13.3 19.9
57 22.3 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.735 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Tgt Ion: 96 Resp: 81550
Ion Ratio Lower Upper
96 100
61 125.8 90.4 167.8
98 63.4 45.6 84.8





#19

1,1-Dichloroethane

Concen: 4.834 ug/L

RT: 3.198 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD005335

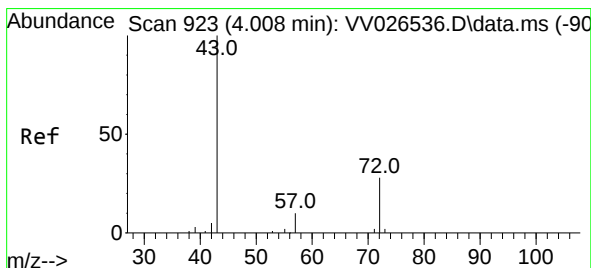
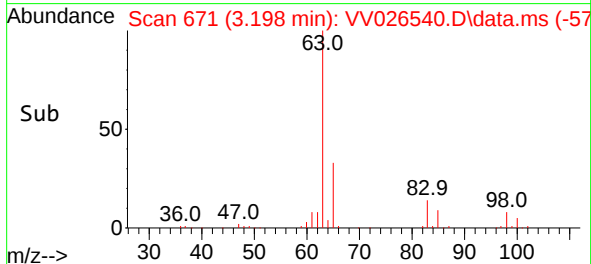
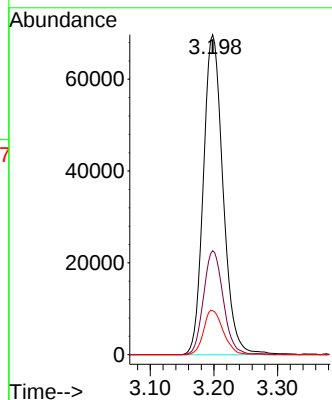
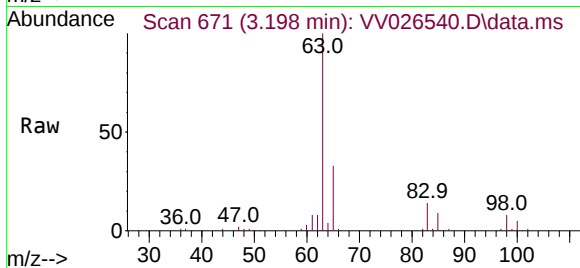
Tgt Ion: 63 Resp: 149494

Ion Ratio Lower Upper

63 100

65 32.5 23.0 42.6

83 13.7 10.2 19.0



#21

2-Butanone

Concen: 40.136 ug/L

RT: 3.999 min Scan# 920

Delta R.T. -0.016 min

Lab File: VV026540.D

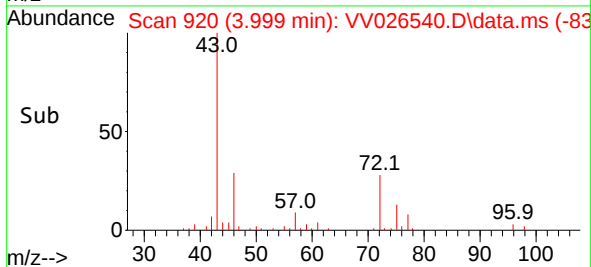
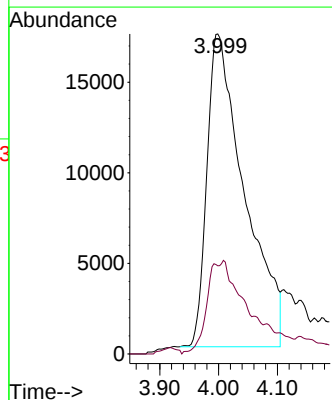
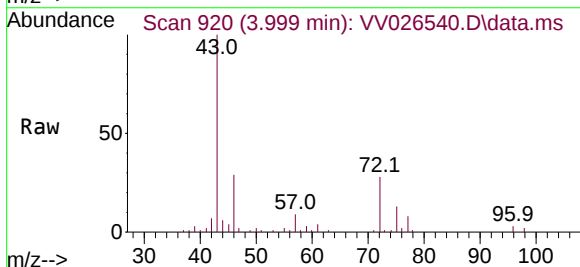
Acq: 24 Jun 2022 08:42

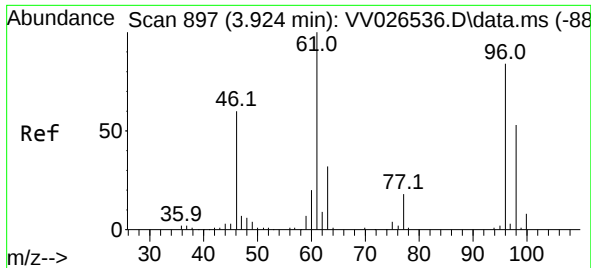
Tgt Ion: 43 Resp: 76546

Ion Ratio Lower Upper

43 100

72 9.4 13.5 40.5#





#22

cis-1,2-Dichloroethene

Concen: 4.891 ug/L

RT: 3.918 min Scan# 897

Delta R.T. -0.003 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD005335

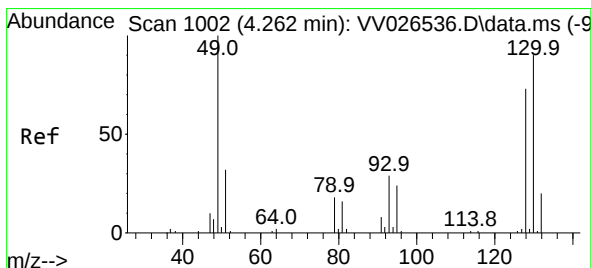
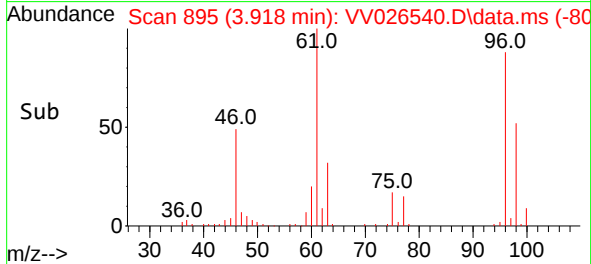
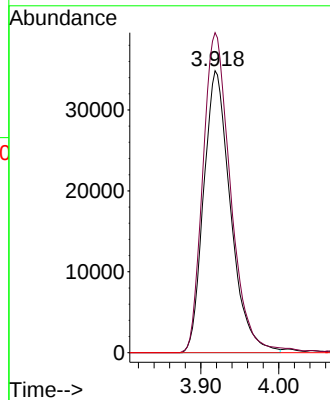
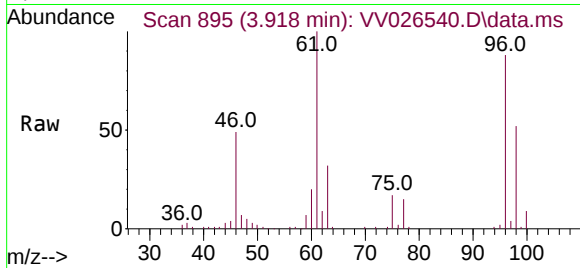
Tgt Ion: 96 Resp: 83642

Ion Ratio Lower Upper

96 100

61 113.5 82.0 152.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.832 ug/L

RT: 4.253 min Scan# 999

Delta R.T. -0.006 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

Tgt Ion: 128 Resp: 34032

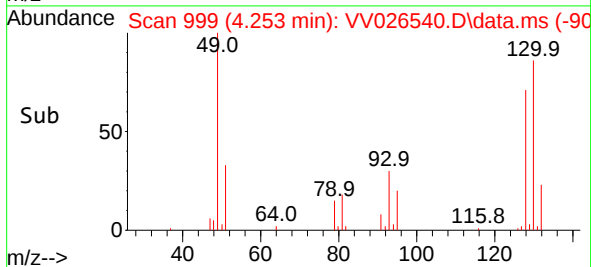
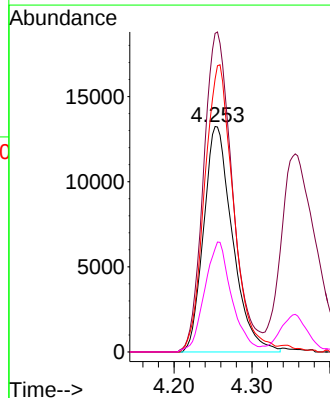
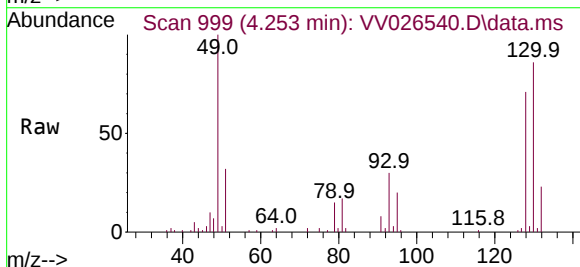
Ion Ratio Lower Upper

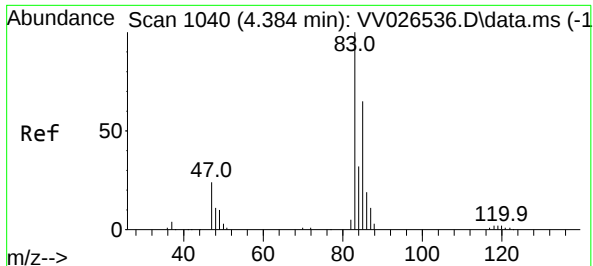
128 100

49 141.3 104.0 193.1

130 121.0 93.4 173.6

51 45.8 38.4 57.6





#25

Chloroform

Concen: 4.632 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

Instrument :

MSVOA_V

ClientSampleId :

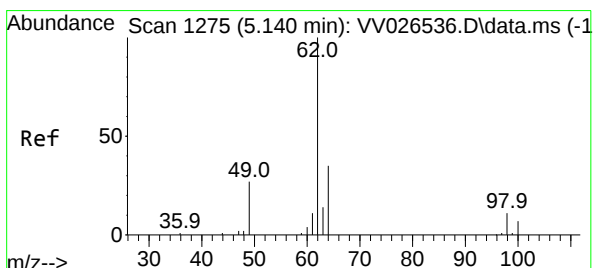
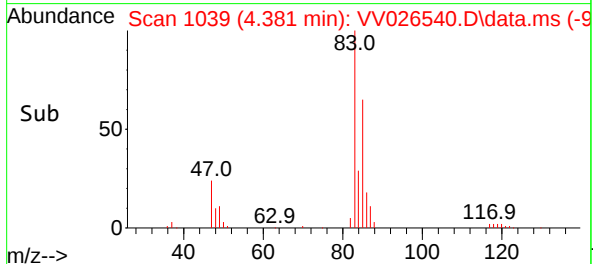
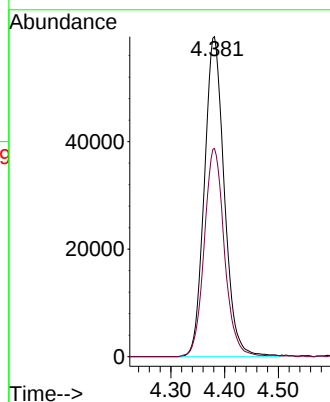
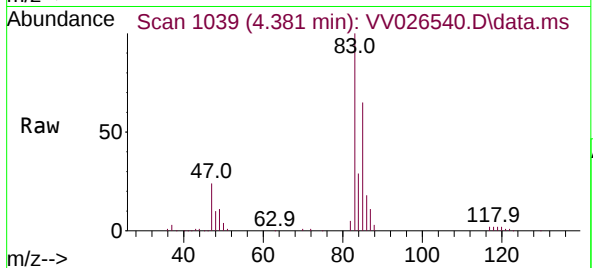
VSTD005335

Tgt Ion: 83 Resp: 153256

Ion Ratio Lower Upper

83 100

85 65.1 44.0 81.8



#27

1,2-Dichloroethane

Concen: 4.709 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VV026540.D

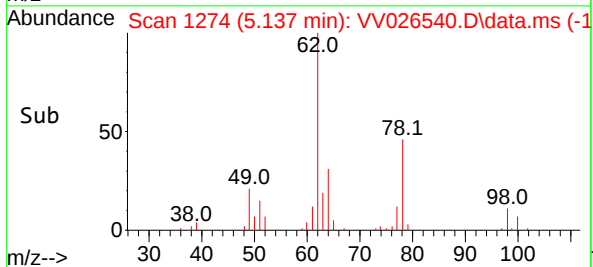
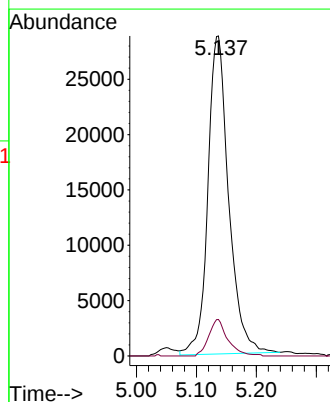
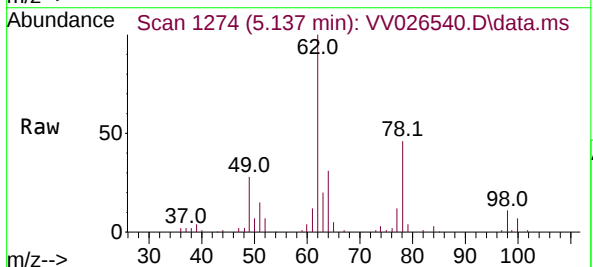
Acq: 24 Jun 2022 08:42

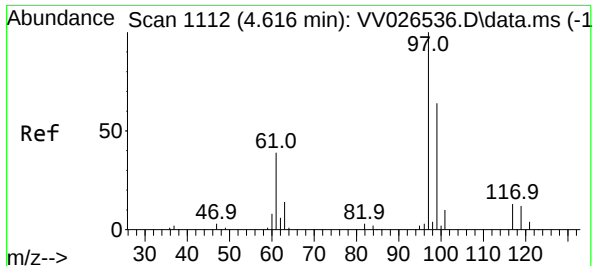
Tgt Ion: 62 Resp: 69336

Ion Ratio Lower Upper

62 100

98 11.4 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.908 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD005335

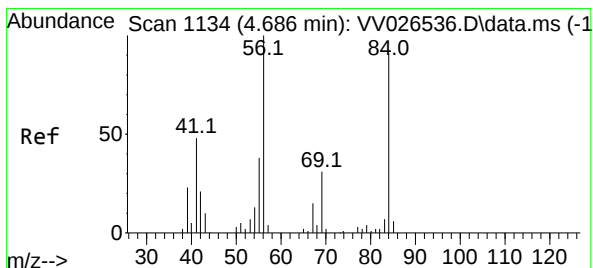
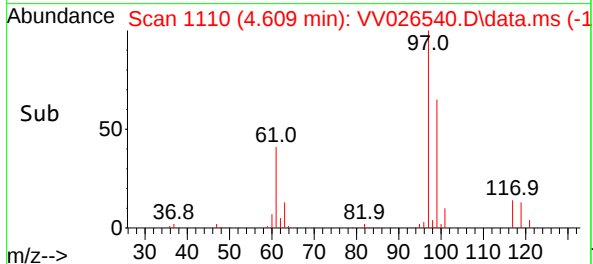
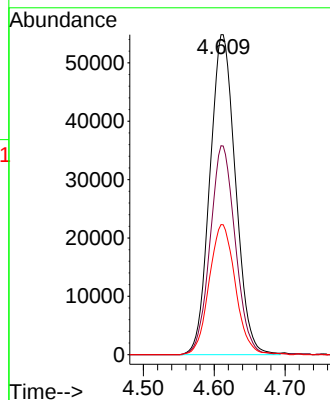
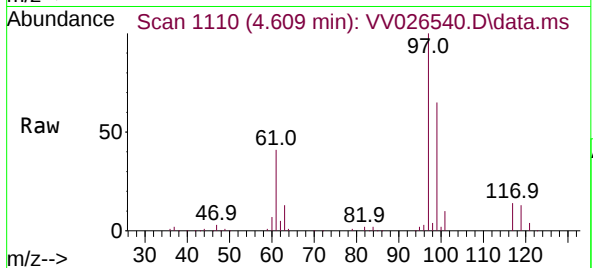
Tgt Ion: 97 Resp: 137585

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 41.7 33.0 49.4



#30

Cyclohexane

Concen: 4.936 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

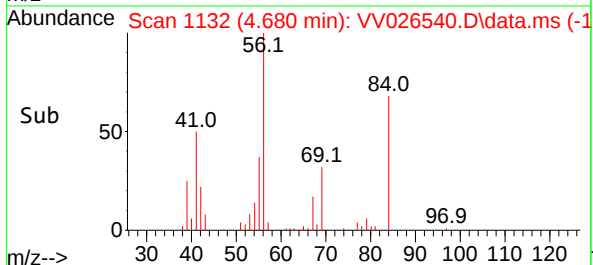
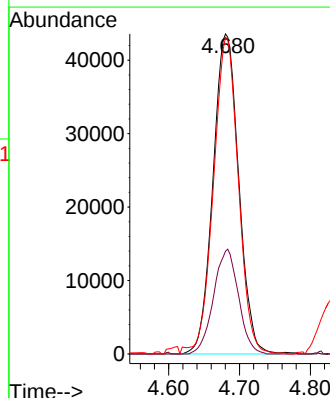
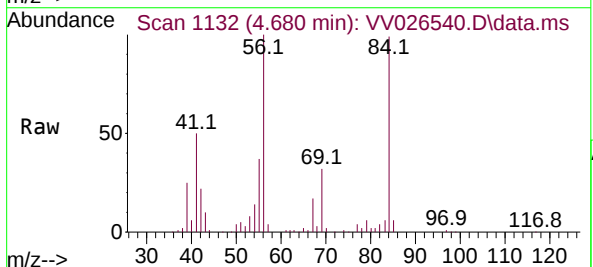
Tgt Ion: 56 Resp: 109559

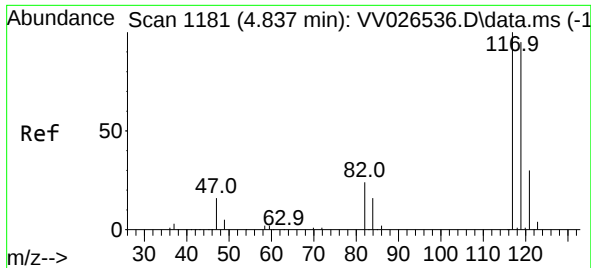
Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.2

84 94.4 77.8 116.6

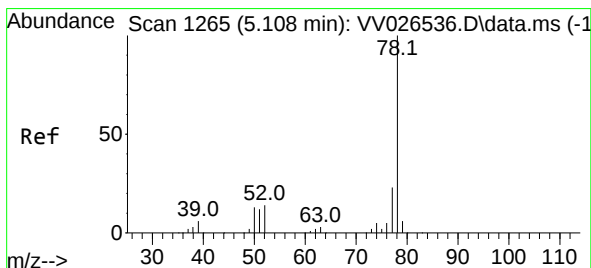
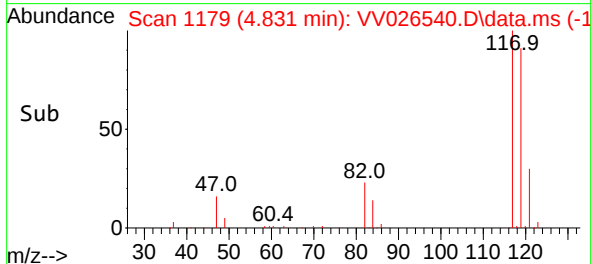
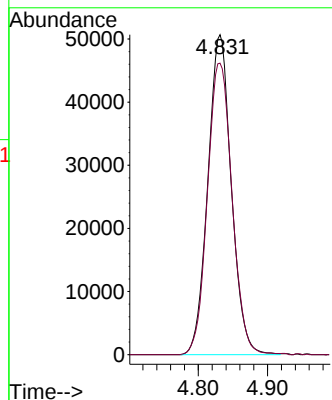
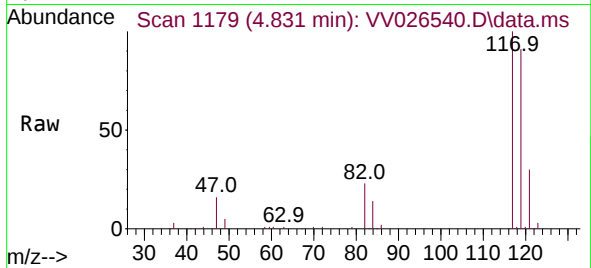




#31
Carbon tetrachloride
Concen: 5.070 ug/L
RT: 4.831 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

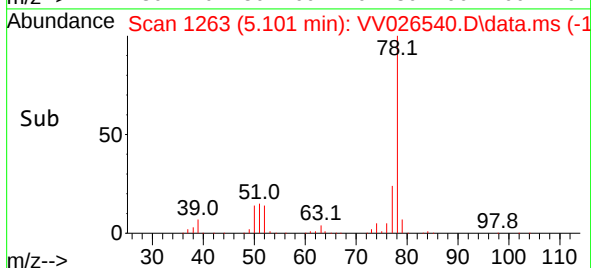
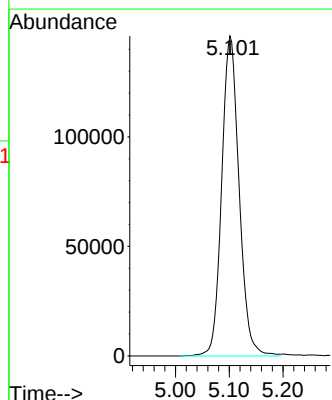
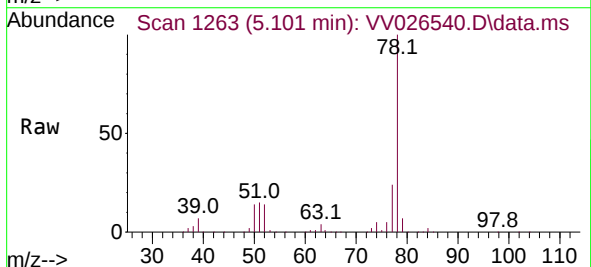
Instrument :
MSVOA_V
ClientSampleId :
VSTD005335

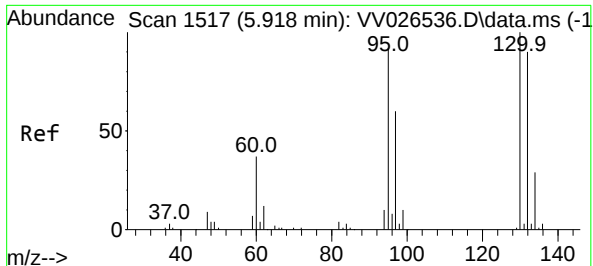
Tgt Ion:117 Resp: 119207
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3



#33
Benzene
Concen: 4.937 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Tgt Ion: 78 Resp: 328374

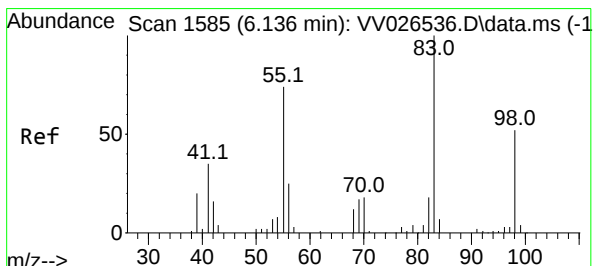
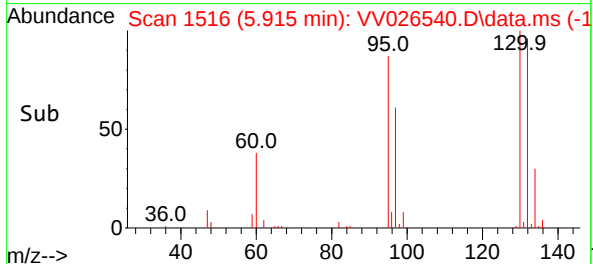
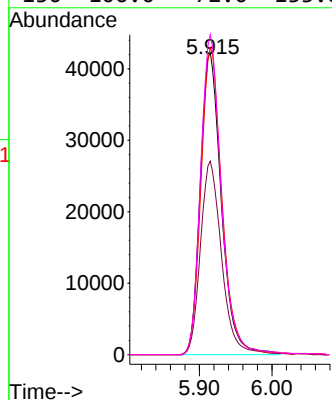
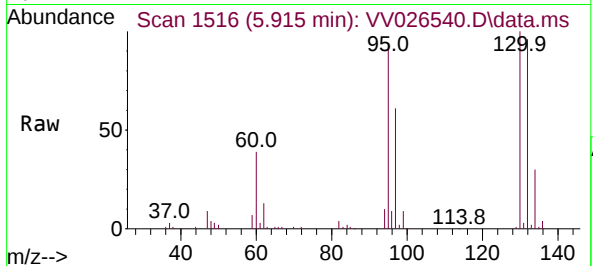




#34
Trichloroethene
Concen: 4.870 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

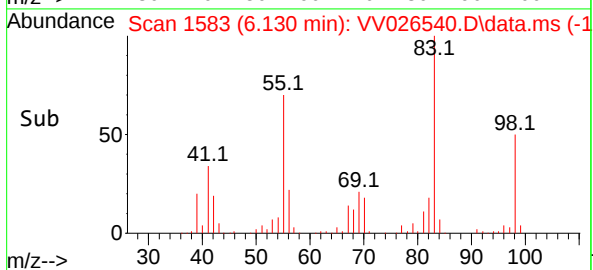
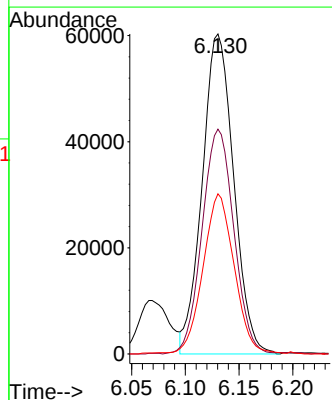
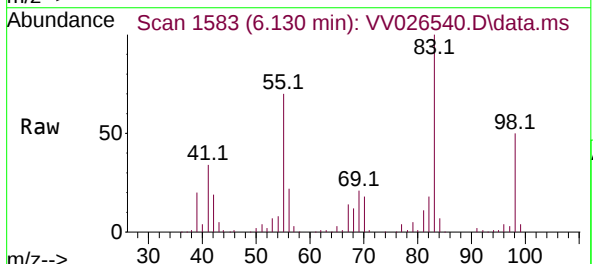
Instrument :
MSVOA_V
ClientSampleId :
VSTD005335

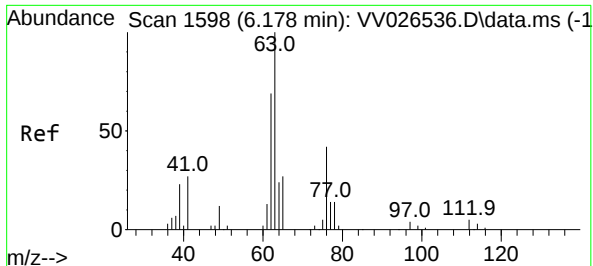
Tgt Ion: 95 Resp: 85153
Ion Ratio Lower Upper
95 100
97 64.1 46.8 87.0
132 101.6 69.9 129.7
130 106.0 72.0 133.8



#35
Methylcyclohexane
Concen: 4.752 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Tgt Ion: 83 Resp: 122921
Ion Ratio Lower Upper
83 100
55 71.0 57.0 85.4
98 49.8 39.8 59.8





#37

1,2-Dichloropropane

Concen: 4.802 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

Instrument :

MSVOA_V

ClientSampleId :

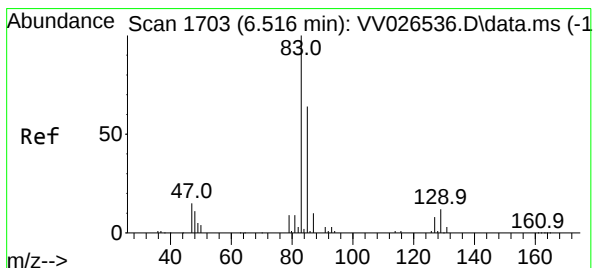
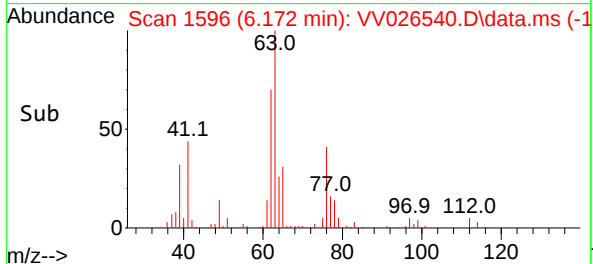
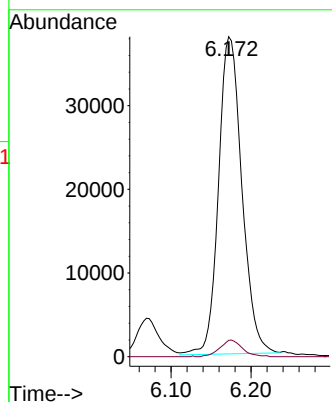
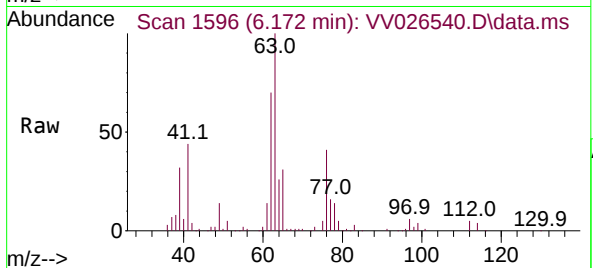
VSTD005335

Tgt Ion: 63 Resp: 76990

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.4



#38

Bromodichloromethane

Concen: 5.139 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

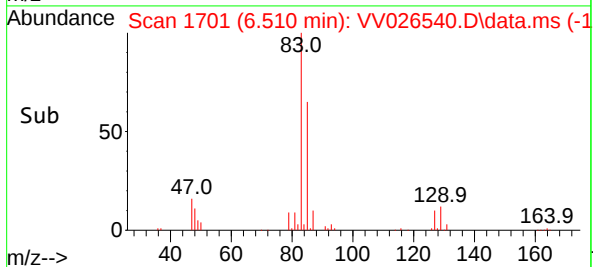
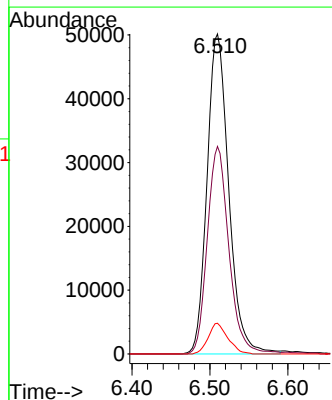
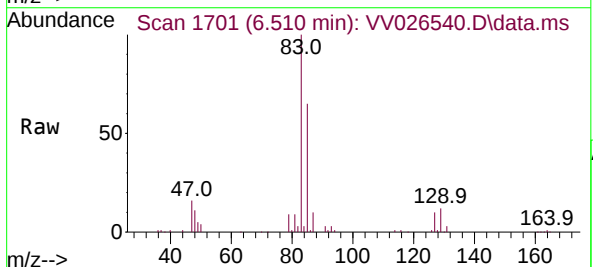
Tgt Ion: 83 Resp: 97254

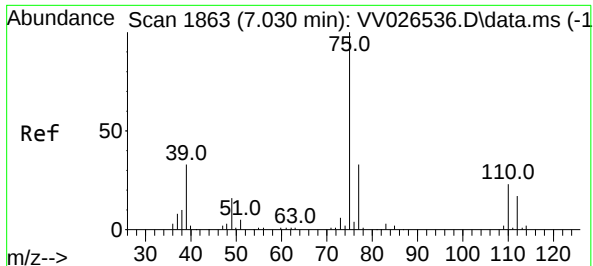
Ion Ratio Lower Upper

83 100

85 64.8 44.0 81.8

127 9.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.367 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

Instrument :

MSVOA_V

ClientSampleId :

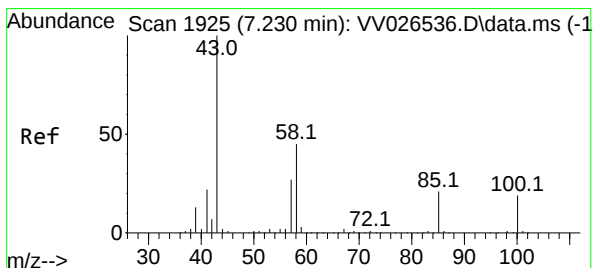
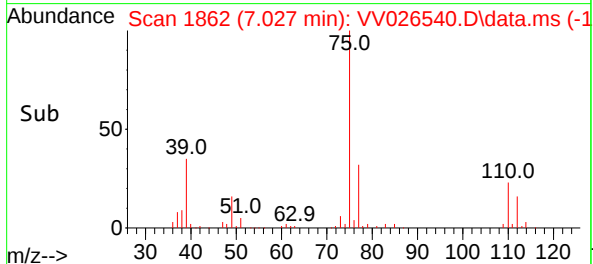
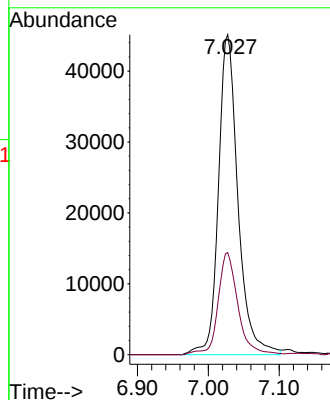
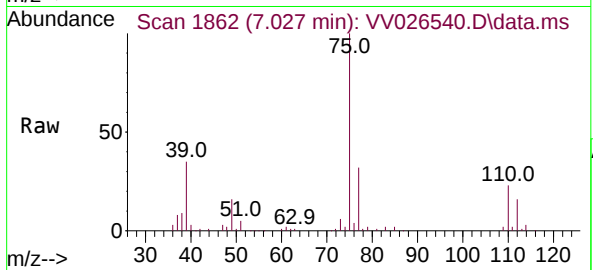
VSTD005335

Tgt Ion: 75 Resp: 86489

Ion Ratio Lower Upper

75 100

77 31.9 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 47.053 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

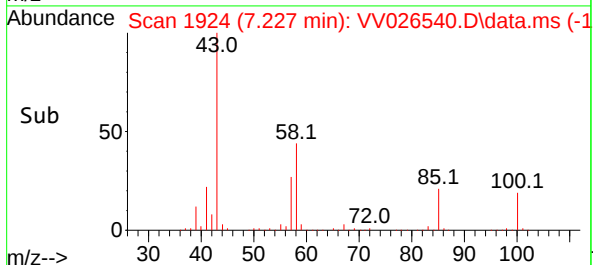
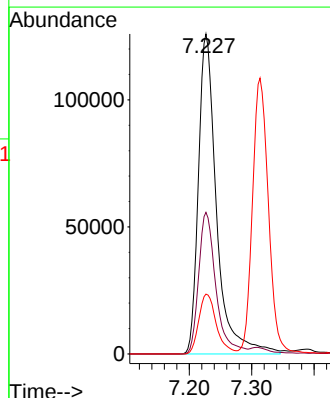
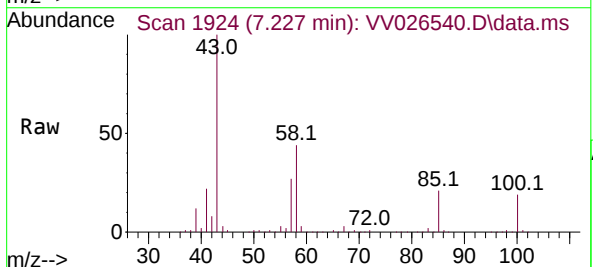
Tgt Ion: 43 Resp: 254800

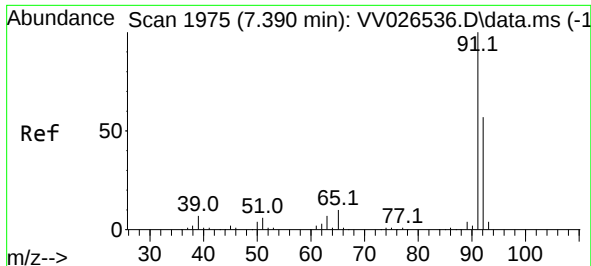
Ion Ratio Lower Upper

43 100

58 42.2 33.3 49.9

100 18.1 14.3 21.5





#42

Toluene

Concen: 5.199 ug/L

RT: 7.384 min Scan# 1975

Delta R.T. -0.003 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

Instrument :

MSVOA_V

ClientSampleId :

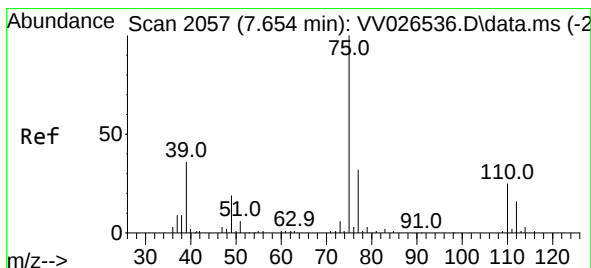
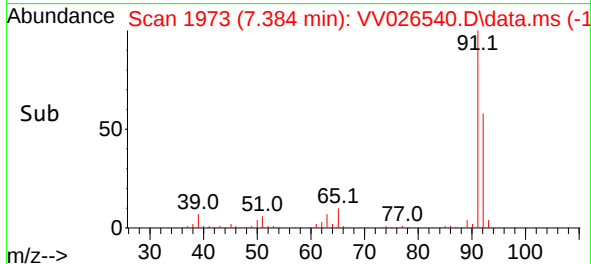
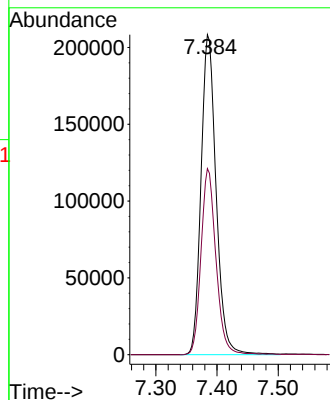
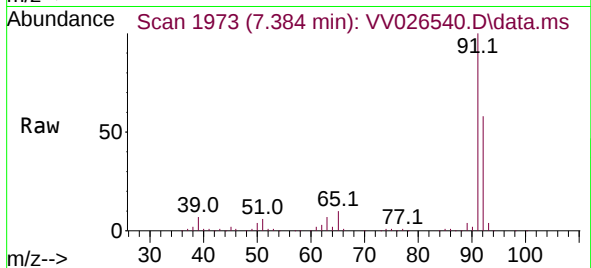
VSTD005335

Tgt Ion: 91 Resp: 356994

Ion Ratio Lower Upper

91 100

92 58.1 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.546 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV026540.D

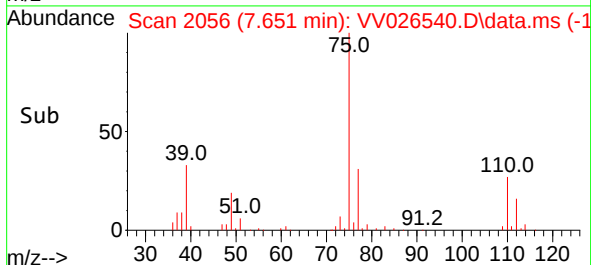
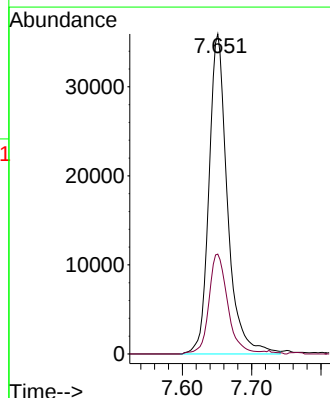
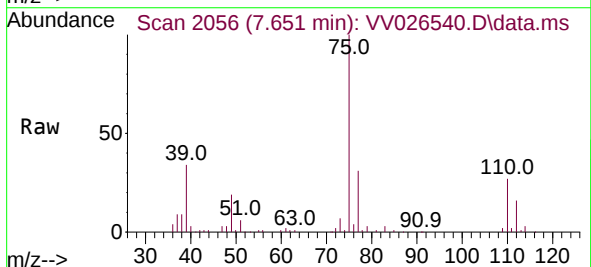
Acq: 24 Jun 2022 08:42

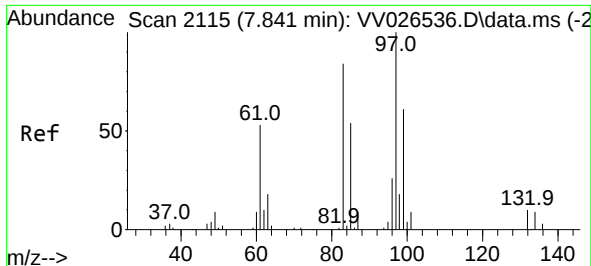
Tgt Ion: 75 Resp: 66467

Ion Ratio Lower Upper

75 100

77 31.2 23.1 42.9



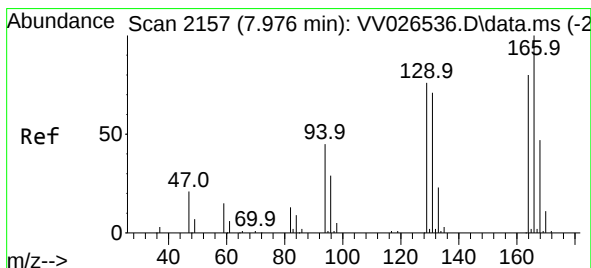
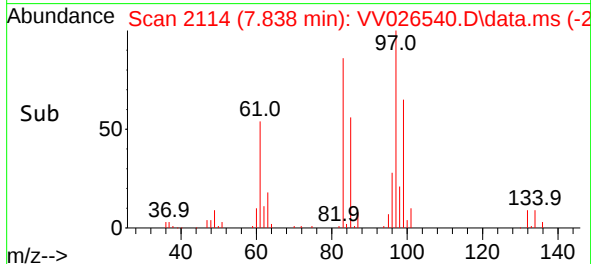
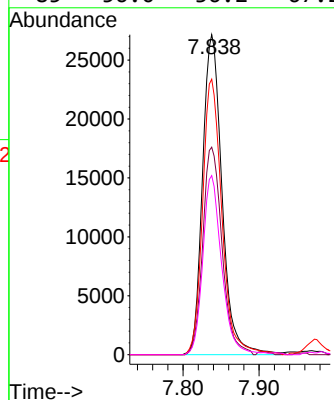
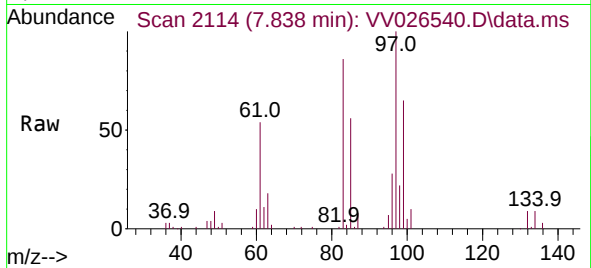


#45
1,1,2-Trichloroethane
Concen: 4.780 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD005335

Tgt Ion: 97 Resp: 48320

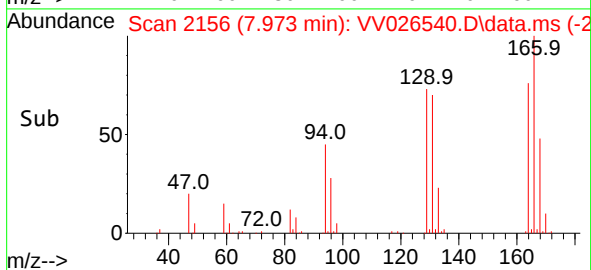
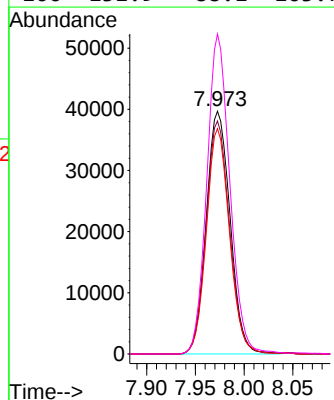
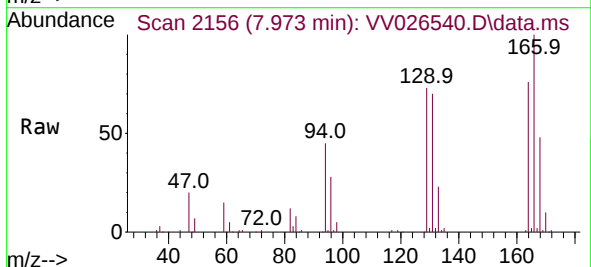
Ion	Ratio	Lower	Upper
97	100		
99	64.9	43.4	80.6
83	86.1	58.0	107.8
85	56.0	36.2	67.2

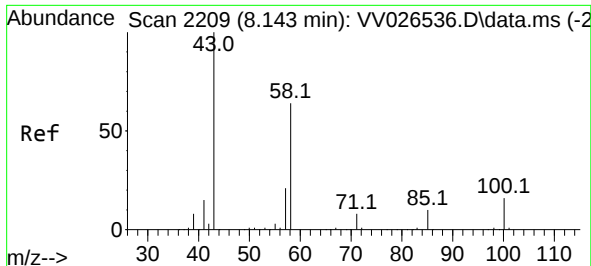


#47
Tetrachloroethene
Concen: 4.857 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Tgt Ion: 164 Resp: 67626

Ion	Ratio	Lower	Upper
164	100		
129	96.0	66.4	123.2
131	92.8	64.4	119.6
166	131.9	88.1	163.7



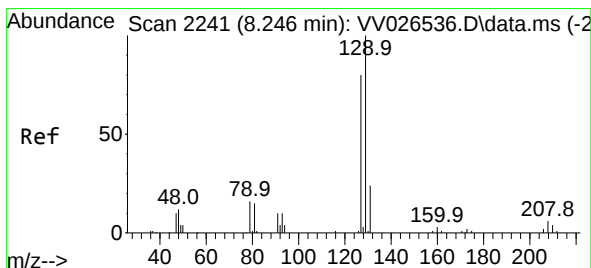
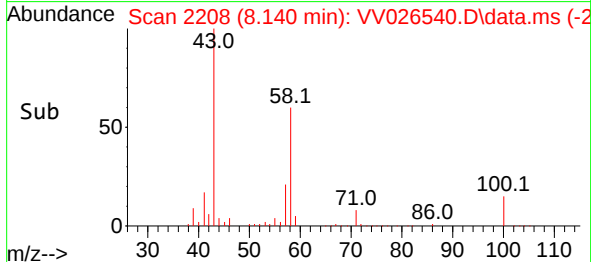
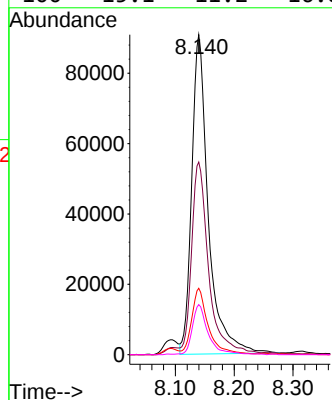
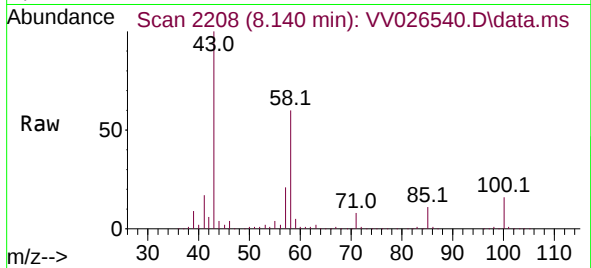


#48
2-Hexanone
Concen: 47.232 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD005335

Tgt Ion: 43 Resp: 178045

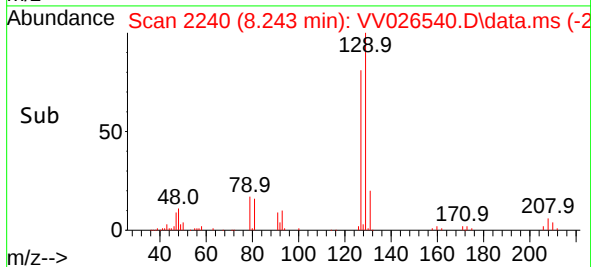
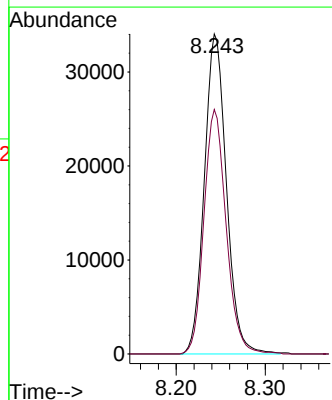
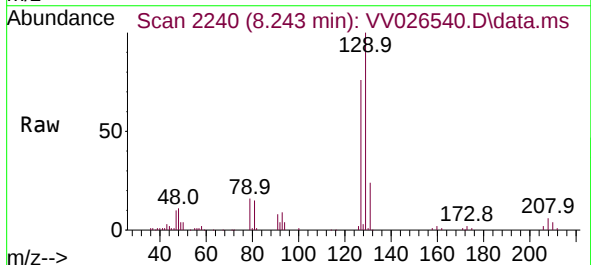
Ion	Ratio	Lower	Upper
43	100		
58	60.7	47.8	71.6
57	20.2	15.0	22.6
100	15.1	11.2	16.8

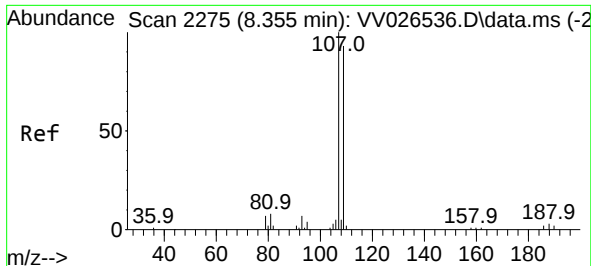


#49
Dibromochloromethane
Concen: 5.721 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Tgt Ion: 129 Resp: 58566

Ion	Ratio	Lower	Upper
129	100		
127	76.4	54.2	100.6

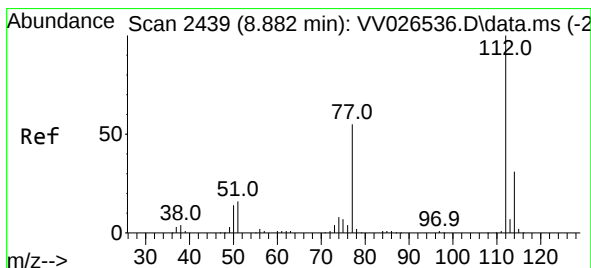
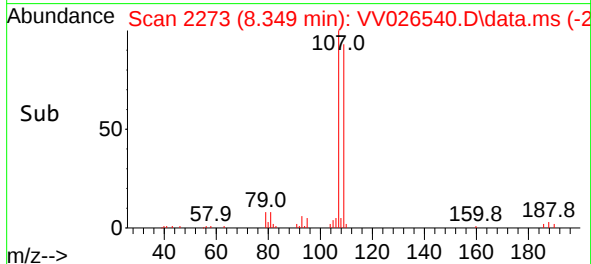
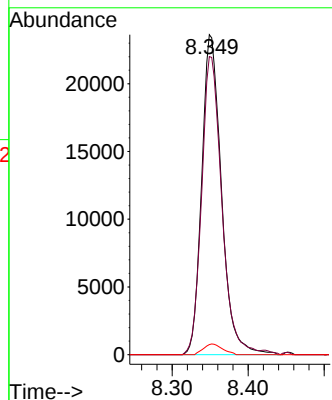
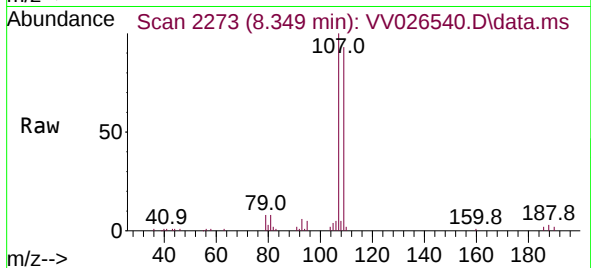




#50
1,2-Dibromoethane
Concen: 4.741 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

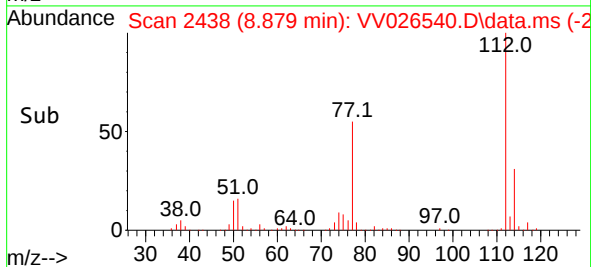
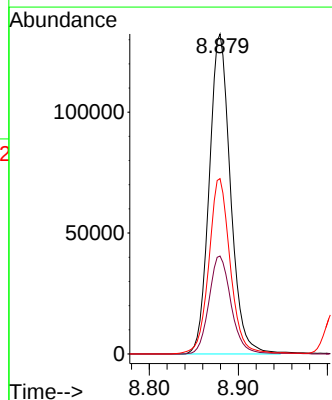
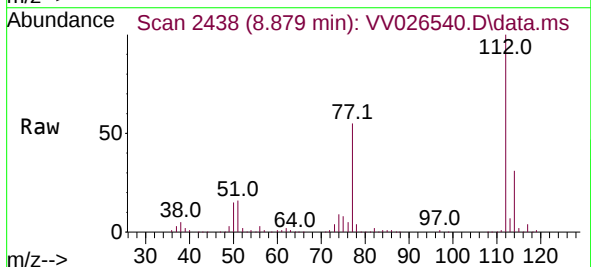
Instrument :
MSVOA_V
ClientSampleId :
VSTD005335

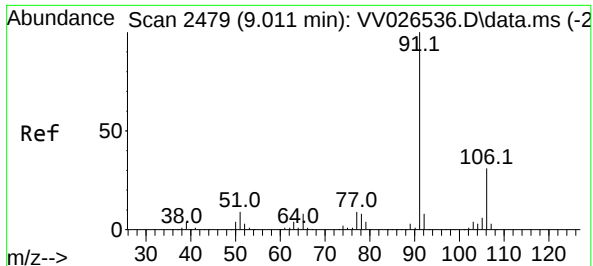
Tgt Ion:107 Resp: 42616
Ion Ratio Lower Upper
107 100
109 93.2 67.8 125.8
188 3.1 3.2 4.8#



#51
Chlorobenzene
Concen: 4.871 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Tgt Ion:112 Resp: 219087
Ion Ratio Lower Upper
112 100
114 30.6 22.3 41.5
77 54.8 44.4 66.6





#52

Ethylbenzene

Concen: 4.967 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

Instrument :

MSVOA_V

ClientSampleId :

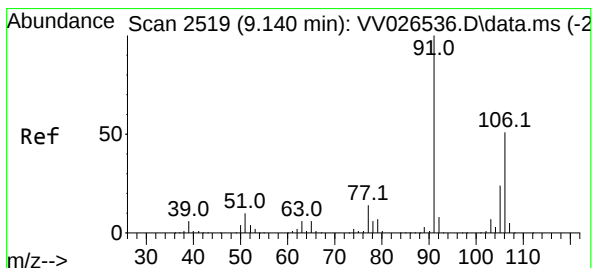
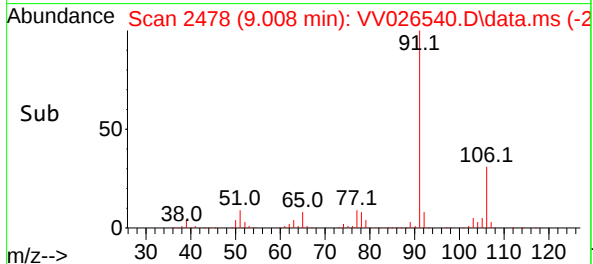
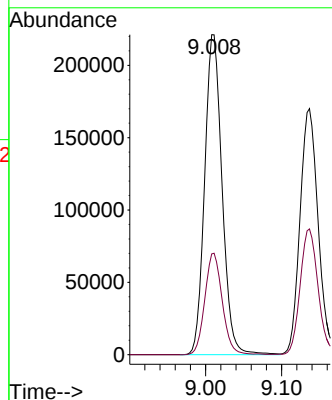
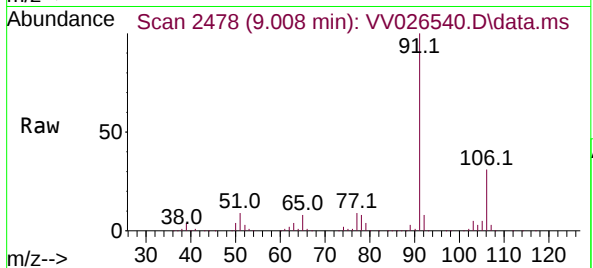
VSTD005335

Tgt Ion: 91 Resp: 352735

Ion Ratio Lower Upper

91 100

106 31.5 22.1 41.1



#53

m,p-Xylene

Concen: 5.108 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV026540.D

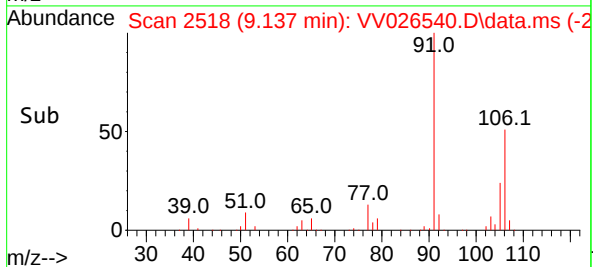
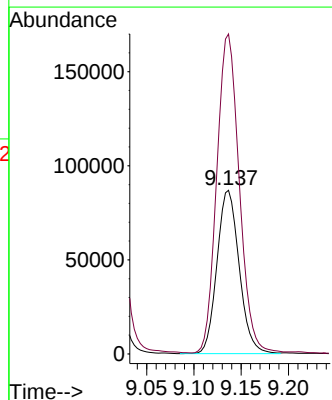
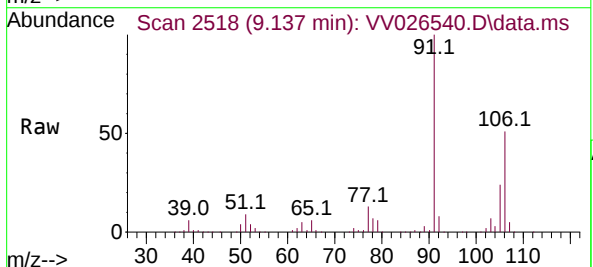
Acq: 24 Jun 2022 08:42

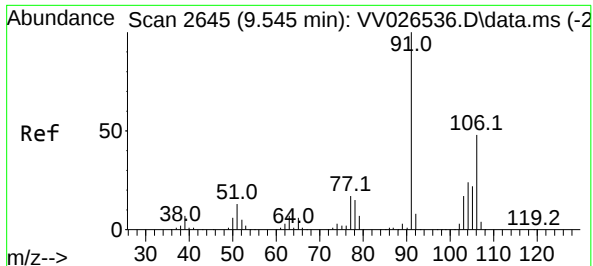
Tgt Ion:106 Resp: 141521

Ion Ratio Lower Upper

106 100

91 195.5 139.9 259.9

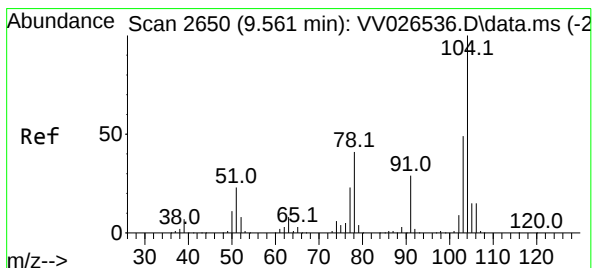
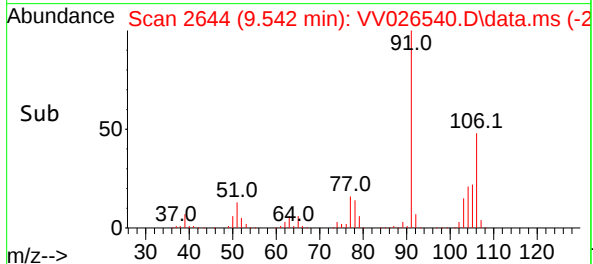
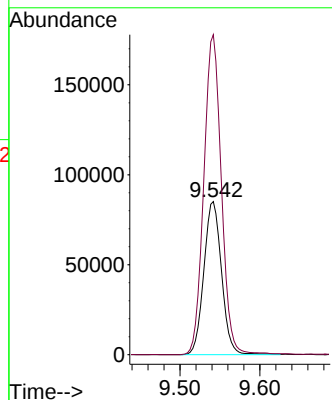
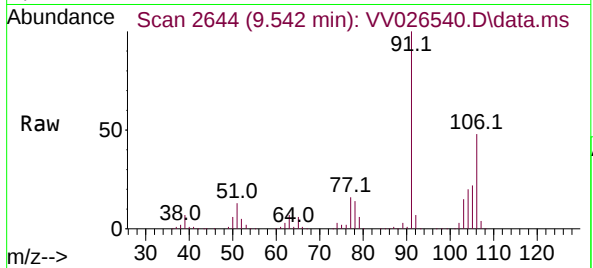




#54
o-Xylene
Concen: 5.053 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

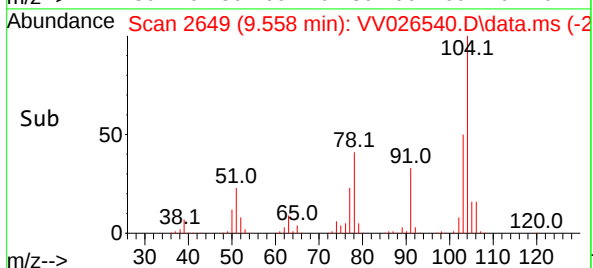
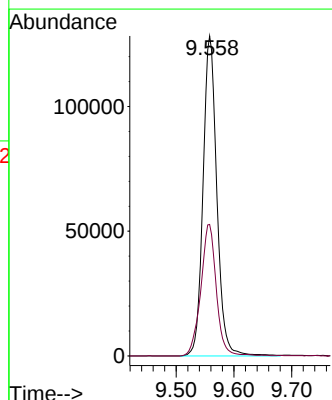
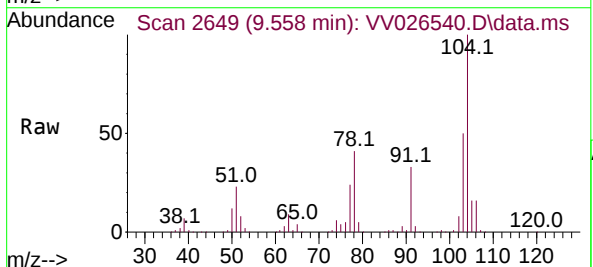
Instrument :
MSVOA_V
ClientSampleId :
VSTD005335

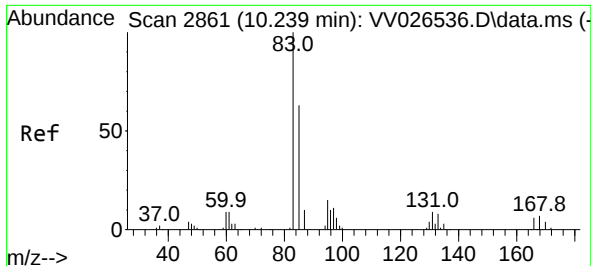
Tgt Ion:106 Resp: 131398
Ion Ratio Lower Upper
106 100
91 209.0 147.5 273.9



#55
Styrene
Concen: 4.947 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Tgt Ion:104 Resp: 213093
Ion Ratio Lower Upper
104 100
78 41.1 28.4 52.8





#57

1,1,2,2-Tetrachloroethane

Concen: 4.629 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD005335

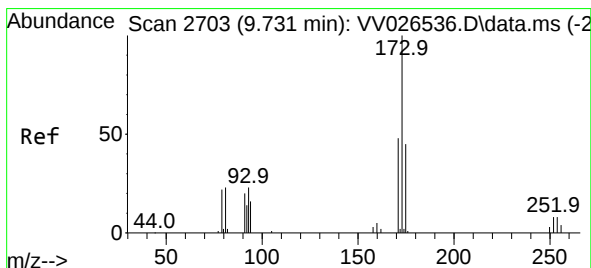
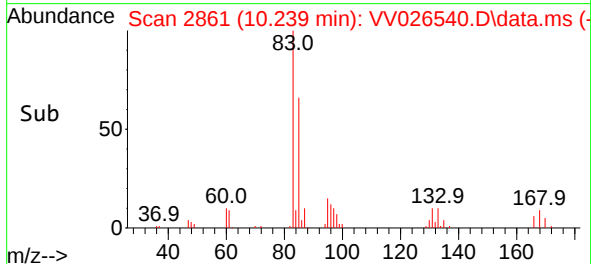
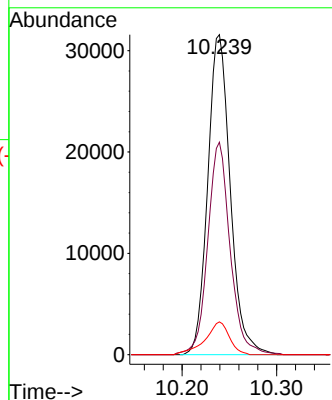
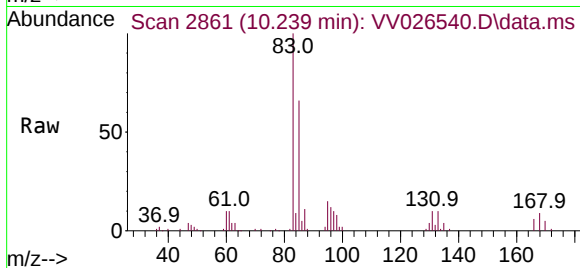
Tgt Ion: 83 Resp: 52261

Ion Ratio Lower Upper

83 100

85 66.4 44.3 82.3

131 10.2 8.0 12.0



#59

Bromoform

Concen: 6.255 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

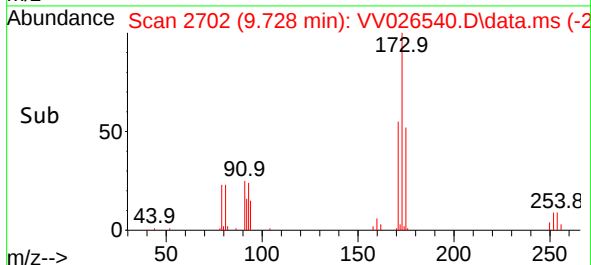
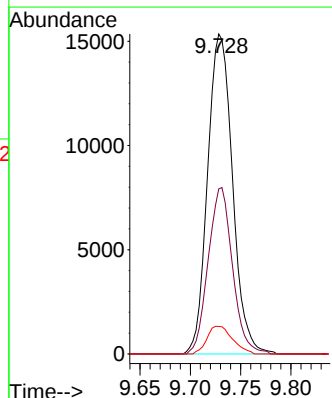
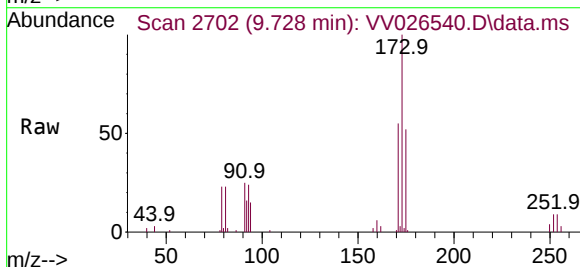
Tgt Ion: 173 Resp: 26463

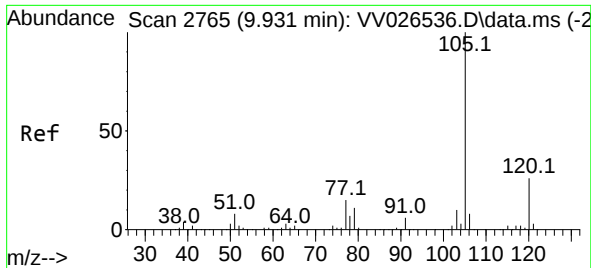
Ion Ratio Lower Upper

173 100

175 50.7 37.9 56.9

254 8.9 6.3 9.5

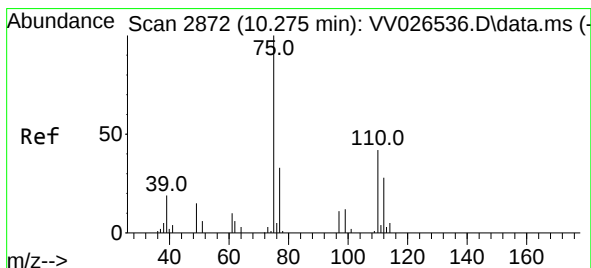
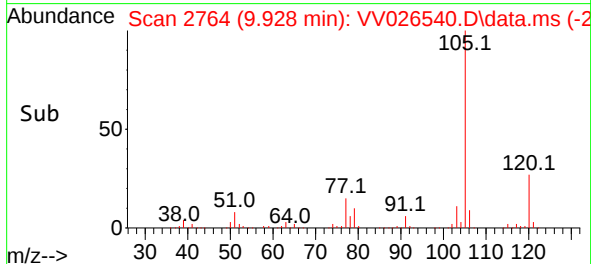
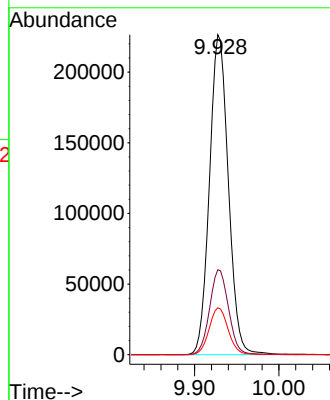
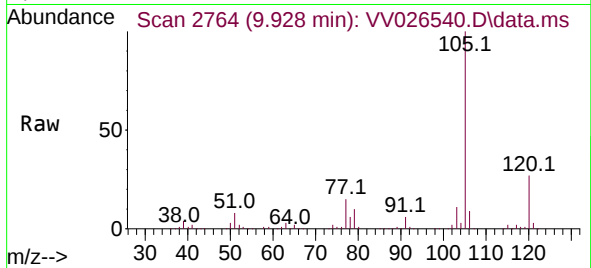




#60
Isopropylbenzene
Concen: 4.979 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

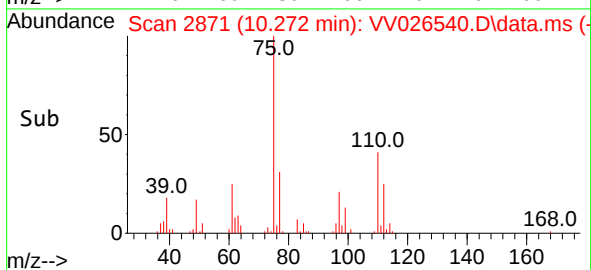
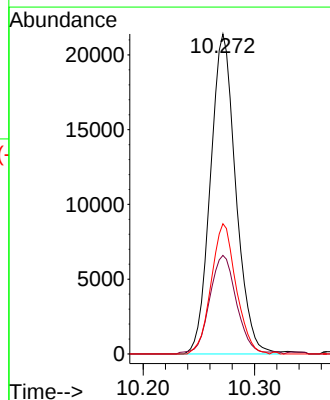
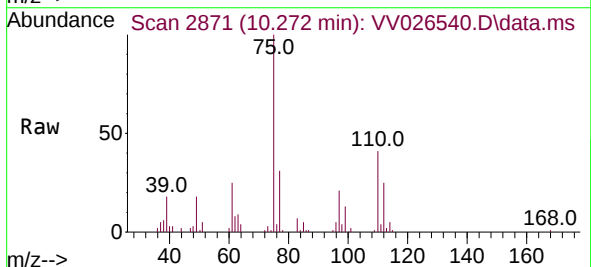
Instrument :
MSVOA_V
ClientSampleId :
VSTD005335

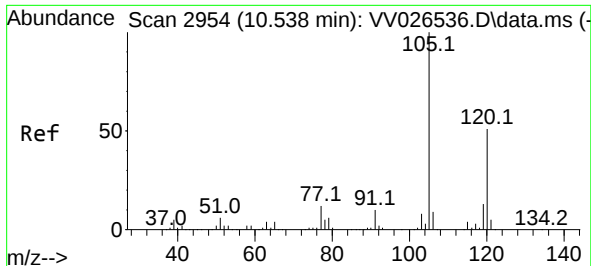
Tgt Ion:105 Resp: 352558
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.8 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 4.555 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Tgt Ion: 75 Resp: 33858
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6
110 40.0 32.5 48.7





#62

1,3,5-Trimethylbenzene

Concen: 4.878 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

Instrument :

MSVOA_V

ClientSampleId :

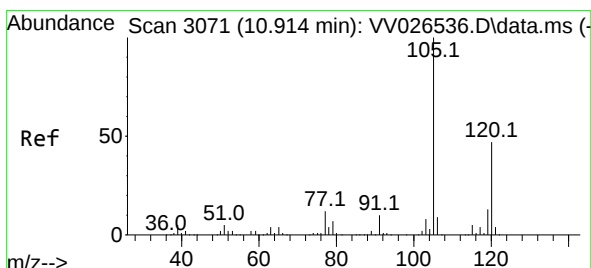
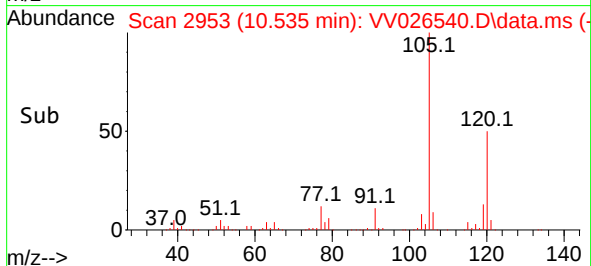
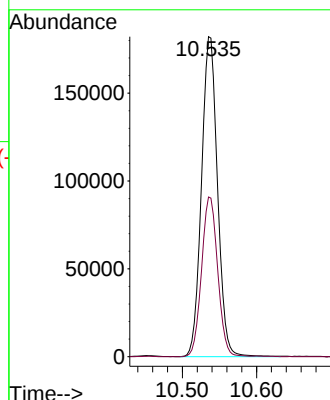
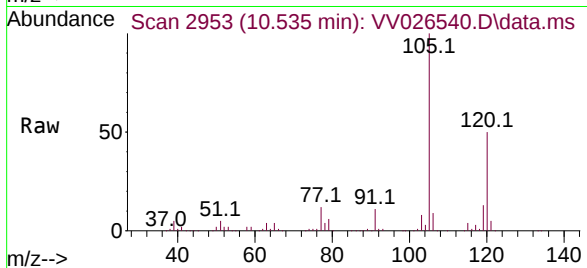
VSTD005335

Tgt Ion:105 Resp: 273008

Ion Ratio Lower Upper

105 100

120 50.2 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.945 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV026540.D

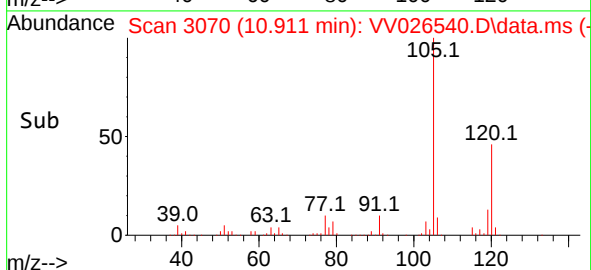
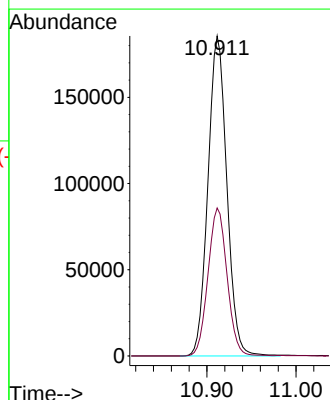
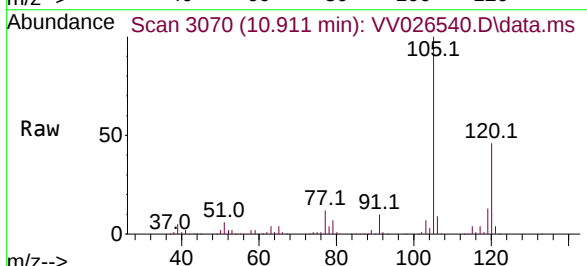
Acq: 24 Jun 2022 08:42

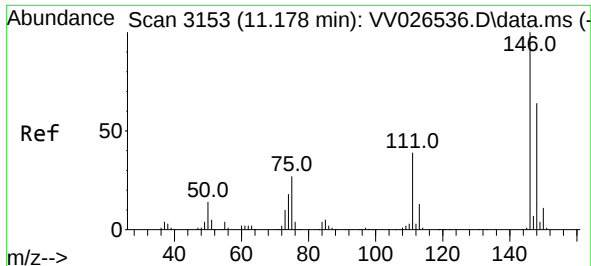
Tgt Ion:105 Resp: 272925

Ion Ratio Lower Upper

105 100

120 46.7 37.4 56.2

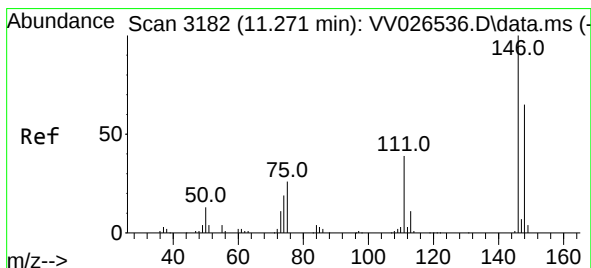
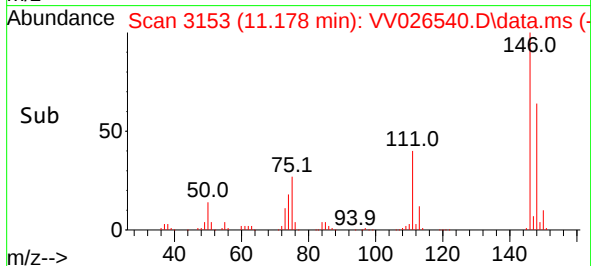
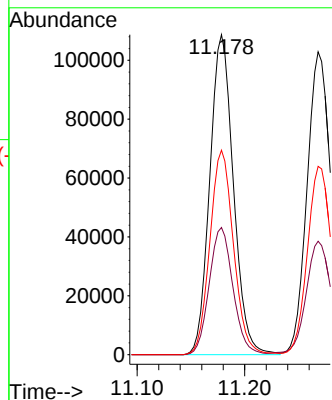
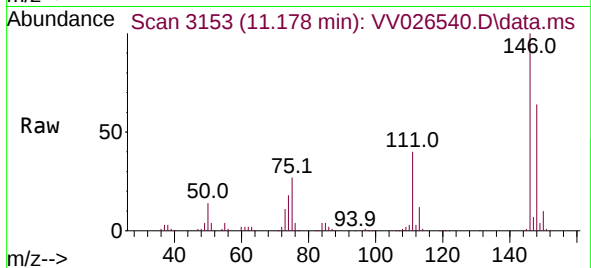




#64
1,3-Dichlorobenzene
Concen: 4.813 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

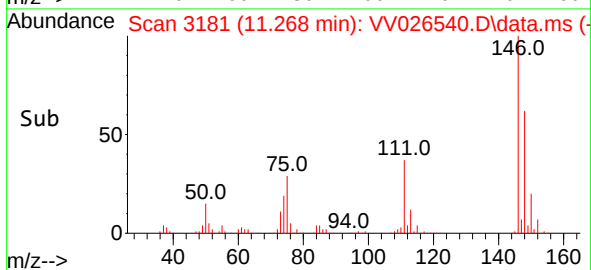
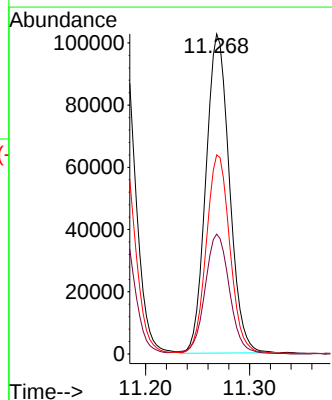
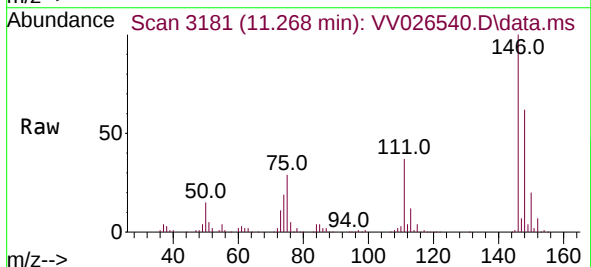
Instrument :
MSVOA_V
ClientSampleId :
VSTD005335

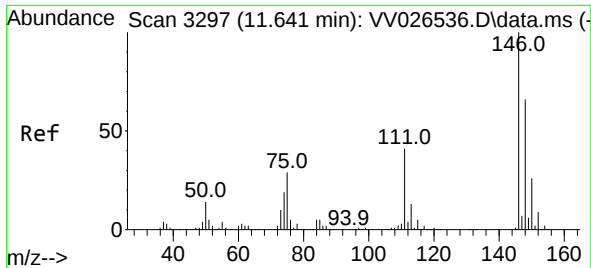
Tgt Ion:146 Resp: 165759
Ion Ratio Lower Upper
146 100
111 39.8 27.9 51.7
148 63.9 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.715 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Tgt Ion:146 Resp: 161250
Ion Ratio Lower Upper
146 100
111 37.5 26.5 49.3
148 62.2 43.7 81.1

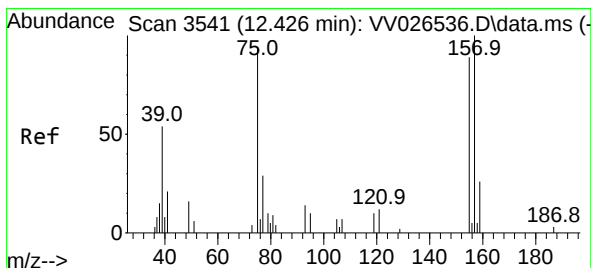
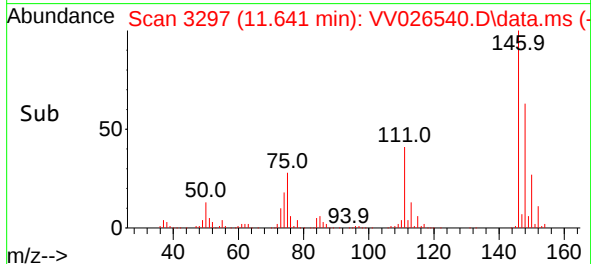
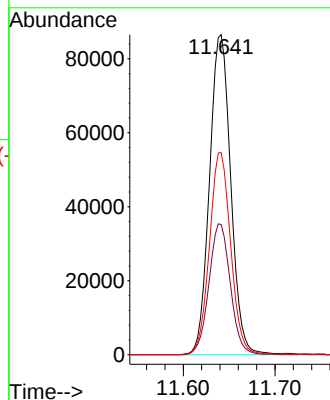
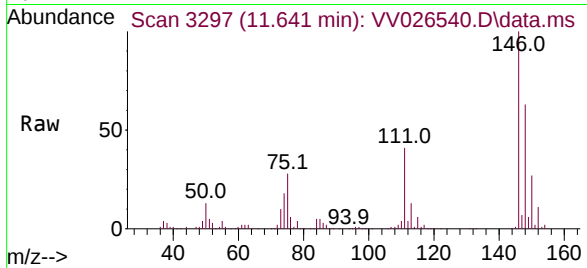




#67
1,2-Dichlorobenzene
Concen: 4.755 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

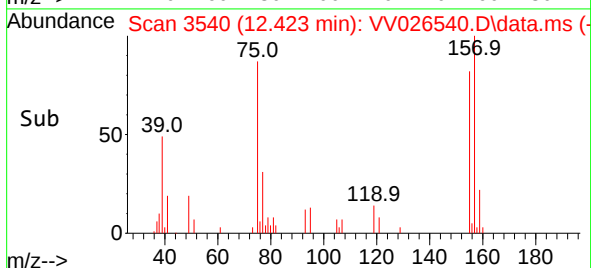
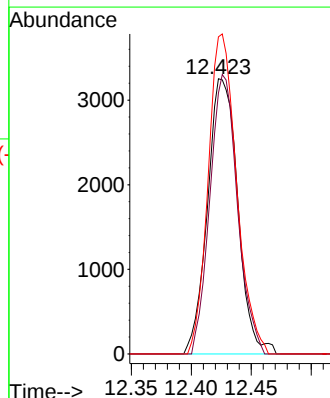
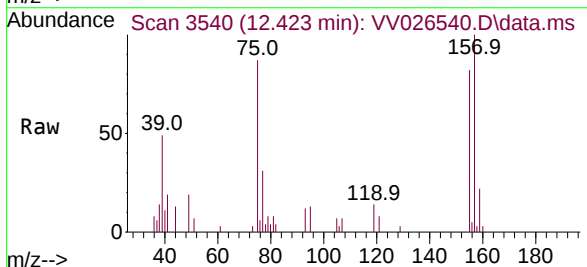
Instrument :
MSVOA_V
ClientSampleId :
VSTD005335

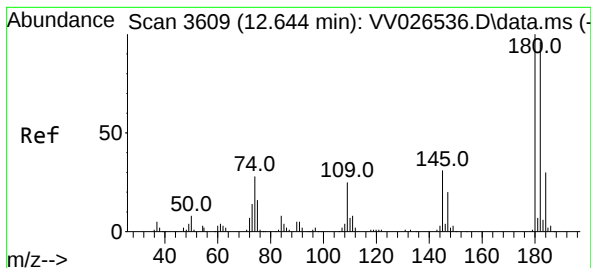
Tgt Ion:146 Resp: 139340
Ion Ratio Lower Upper
146 100
111 40.7 32.8 49.2
148 63.1 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.275 ug/L
RT: 12.423 min Scan# 3540
Delta R.T. -0.006 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Tgt Ion: 75 Resp: 5700
Ion Ratio Lower Upper
75 100
155 94.8 74.7 112.1
157 115.3 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 4.511 ug/L

RT: 12.641 min Scan# 3609

Delta R.T. -0.003 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD005335

Tgt Ion:180 Resp: 111721

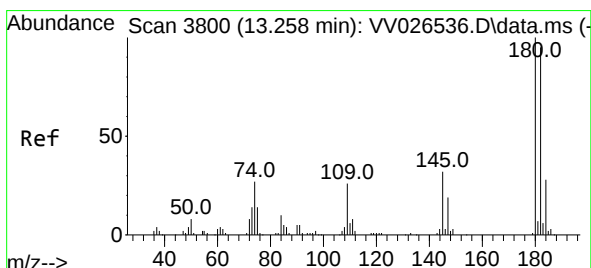
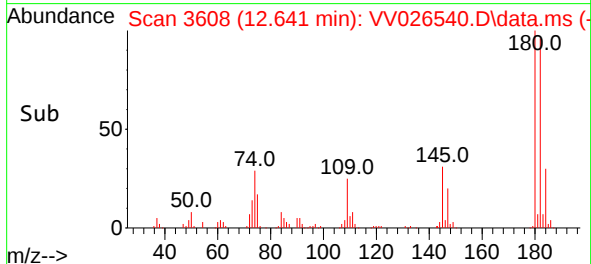
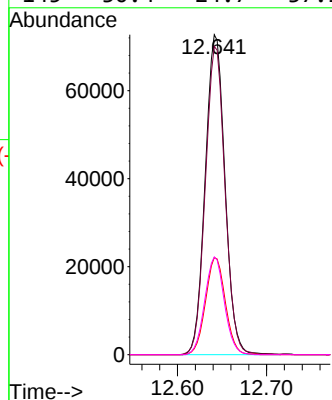
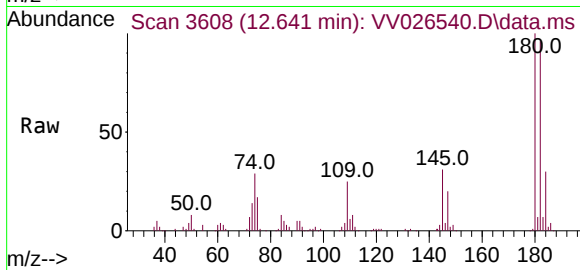
Ion Ratio Lower Upper

180 100

182 95.9 76.6 115.0

184 30.5 24.1 36.1

145 30.4 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 4.534 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026540.D

Acq: 24 Jun 2022 08:42

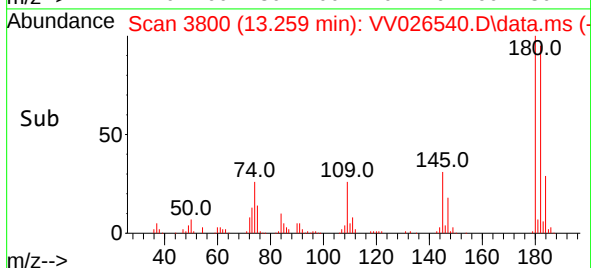
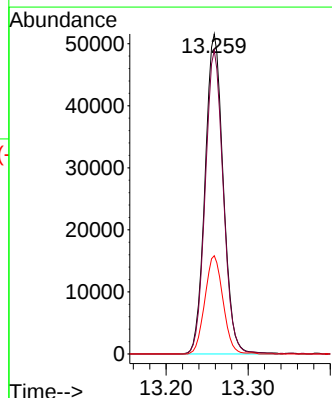
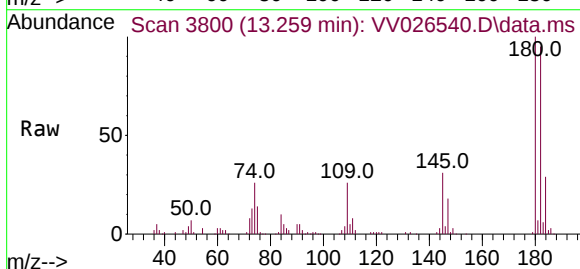
Tgt Ion:180 Resp: 79284

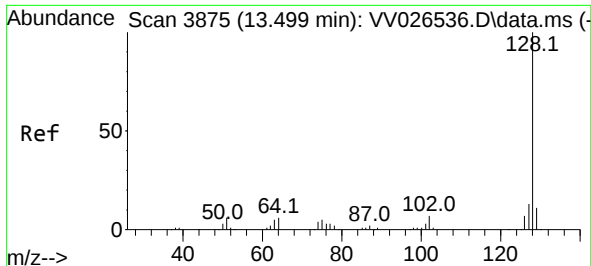
Ion Ratio Lower Upper

180 100

182 94.2 75.2 112.8

145 30.5 24.4 36.6

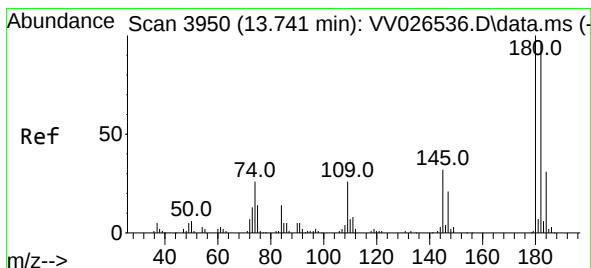
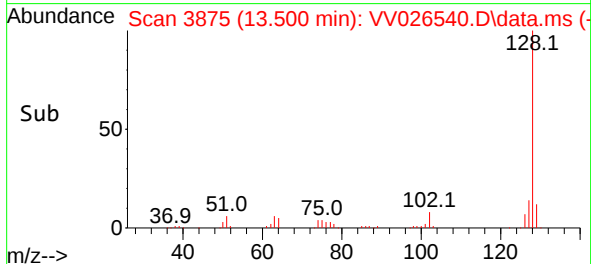
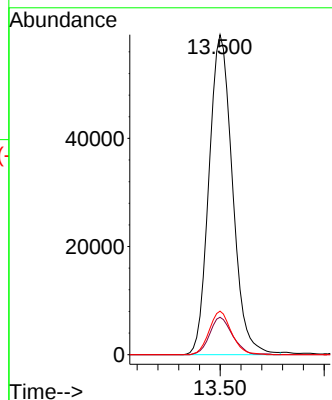
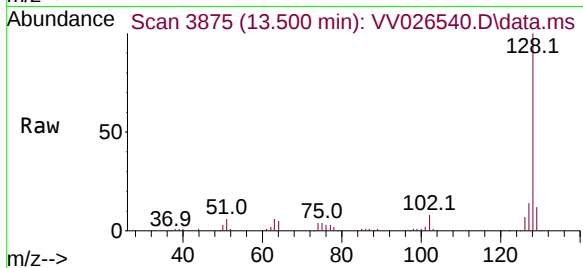




#71
Naphthalene
Concen: 4.063 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD005335

Tgt Ion:128	Resp:	92701
Ion	Ratio	Lower Upper
128	100	
129	11.3	8.6 12.8
127	12.9	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.329 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026540.D
Acq: 24 Jun 2022 08:42

Tgt Ion:180	Resp:	61951
Ion	Ratio	Lower Upper
180	100	
182	95.1	76.8 115.2
145	33.0	25.8 38.6

