

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070722\
 Data File : VW026669.D
 Acq On : 07 Jul 2022 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005345

Quant Time: Jul 08 02:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 07 01:16:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	199761	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	195785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	101562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	67869	4.225	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.400%	
7) Chloroethane-d5	1.577	69	59494	4.610	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.118	63	129714	4.544	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.800%	
20) 2-Butanone-d5	3.921	46	81725	51.168	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.340%	
24) Chloroform-d	4.355	84	127888	4.870	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	5.040	65	49262	4.870	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	5.053	84	240895	4.284	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
36) 1,2-Dichloropropane-d6	6.072	67	68517	4.431	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.600%	
41) Toluene-d8	7.314	98	225678	4.463	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	7.622	79	20122	5.034	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.600%	
46) 2-Hexanone-d5	8.092	63	63385	41.631	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.260%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46973	4.643	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	70056	4.168	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.140	85	70488	4.634	ug/L	98
3) Chloromethane	1.249	50	74426	4.474	ug/L	100
5) Vinyl chloride	1.320	62	83306	4.703	ug/L	95
6) Bromomethane	1.532	94	45033	4.697	ug/L	99
8) Chloroethane	1.593	64	56512	4.691	ug/L	100
9) Trichlorofluoromethane	1.761	101	124732	5.049	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	77147	5.271	ug/L	100
12) 1,1-Dichloroethene	2.127	96	68113	5.048	ug/L	93
13) Acetone	2.214	43	64739	63.892	ug/L	93
14) Carbon disulfide	2.301	76	162708	4.571	ug/L	99
15) Methyl Acetate	2.458	43	16706	5.718	ug/L	99
16) Methylene chloride	2.516	84	91277	6.373	ug/L	97
17) Methyl tert-butyl Ether	2.780	73	110294	5.015	ug/L	100
18) trans-1,2-Dichloroethene	2.767	96	68249	4.958	ug/L	98
19) 1,1-Dichloroethane	3.198	63	126935	5.135	ug/L	100
21) 2-Butanone	4.002	43	83544	54.808	ug/L	97
22) cis-1,2-Dichloroethene	3.921	96	67777	4.959	ug/L	94
23) Bromochloromethane	4.253	128	32274	5.733	ug/L	88
25) Chloroform	4.381	83	137316	5.193	ug/L	98

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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

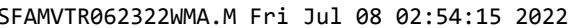
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 ClientSampleId :
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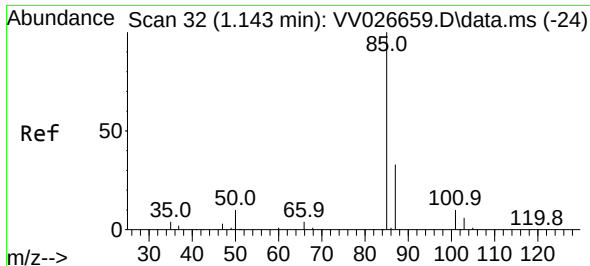
Quant Time: Jul 08 02:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 07 01:16:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	62643	5.323	ug/L	97
29) 1,1,1-Trichloroethane	4.613	97	120429	4.999	ug/L	98
30) Cyclohexane	4.680	56	77242	4.049	ug/L	100
31) Carbon tetrachloride	4.831	117	104267	5.160	ug/L	99
33) Benzene	5.101	78	279482	4.889	ug/L	100
34) Trichloroethene	5.915	95	68687	4.570	ug/L	97
35) Methylcyclohexane	6.130	83	91958	4.136	ug/L	98
37) 1,2-Dichloropropane	6.175	63	68048	4.939	ug/L	99
38) Bromodichloromethane	6.513	83	87309	5.368	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	71824	5.186	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	243980	52.424	ug/L	98
42) Toluene	7.387	91	301120	5.103	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	59364	5.763	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	47452	5.461	ug/L	98
47) Tetrachloroethene	7.976	164	59991	5.014	ug/L	95
48) 2-Hexanone	8.140	43	177948	54.928	ug/L	96
49) Dibromochloromethane	8.246	129	54446	6.189	ug/L	98
50) 1,2-Dibromoethane	8.352	107	40518	5.245	ug/L	98
51) Chlorobenzene	8.879	112	190029	4.916	ug/L	98
52) Ethylbenzene	9.011	91	281457	4.611	ug/L	98
53) m,p-Xylene	9.137	106	112366	4.719	ug/L	100
54) o-Xylene	9.542	106	106472	4.764	ug/L	100
55) Styrene	9.561	104	192029	5.188	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	52280	5.389	ug/L	98
59) Bromoform	9.731	173	24723	6.606	ug/L	98
60) Isopropylbenzene	9.931	105	287614	4.592	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	34950	5.315	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	213170	4.305	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	217102	4.447	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	150790	4.949	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	147685	4.882	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	129695	5.003	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5707	4.839	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	102828	4.694	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	69760	4.510	ug/L	100
71) Naphthalene	13.500	128	85440	4.234	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	58412	4.614	ug/L	100

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

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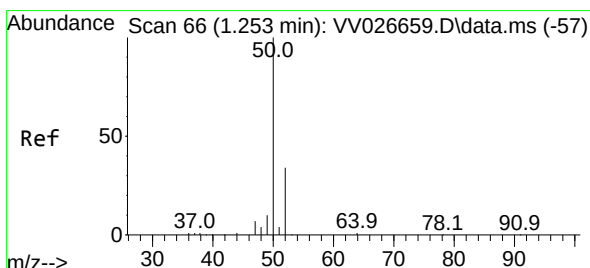
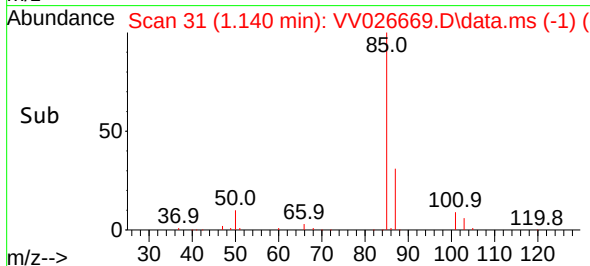
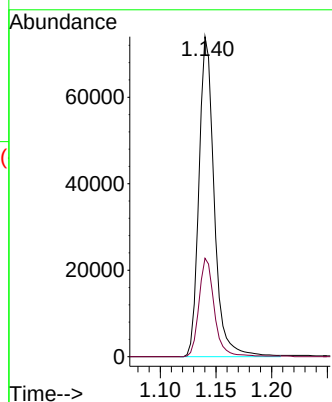
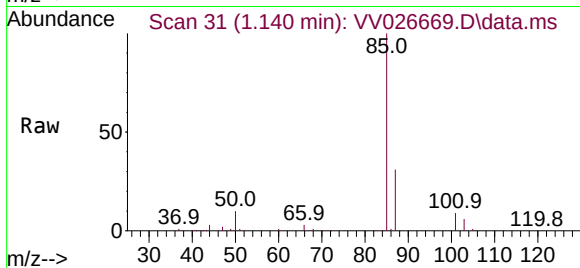




#2
 Dichlorodifluoromethane
 Concen: 4.634 ug/L
 RT: 1.140 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV026669.D
 Acq: 07 Jul 2022 10:14

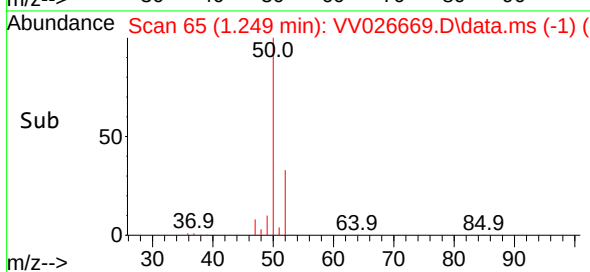
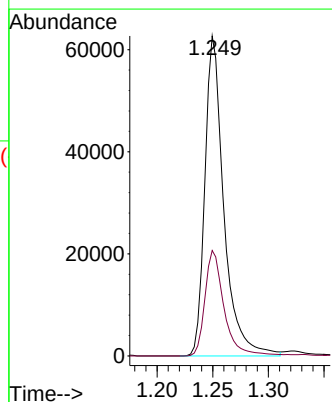
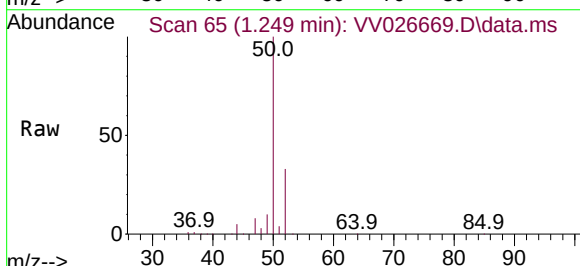
Instrument :
 MSVOA_V
 ClientSampleId :
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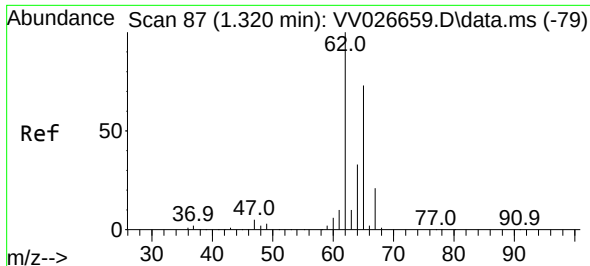
Tgt Ion: 85 Resp: 70488
 Ion Ratio Lower Upper
 85 100
 87 30.9 25.6 38.4



#3
 Chloromethane
 Concen: 4.474 ug/L
 RT: 1.249 min Scan# 65
 Delta R.T. -0.003 min
 Lab File: VV026669.D
 Acq: 07 Jul 2022 10:14

Tgt Ion: 50 Resp: 74426
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.6

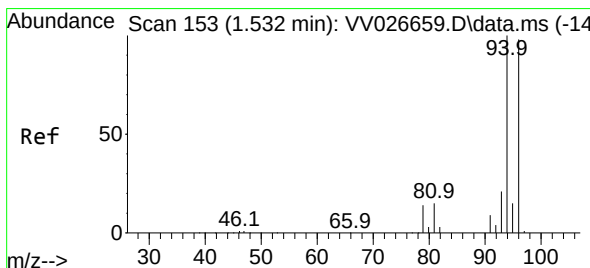
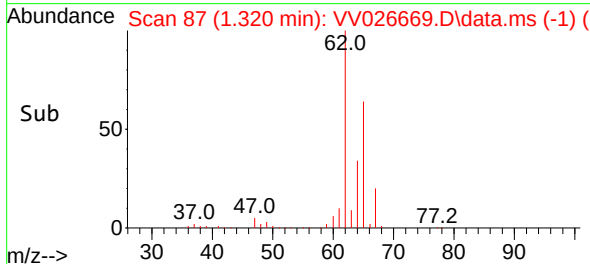
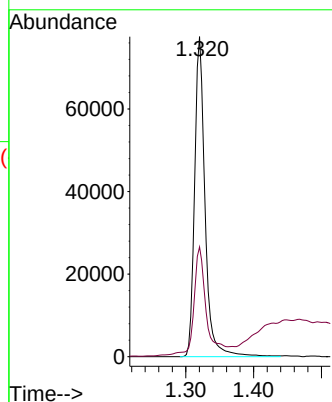
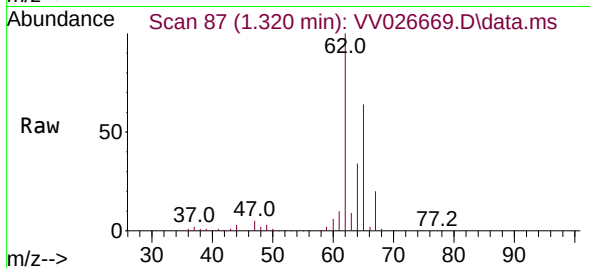




#5
 Vinyl chloride
 Concen: 4.703 ug/L
 RT: 1.320 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VV026669.D
 Acq: 07 Jul 2022 10:14

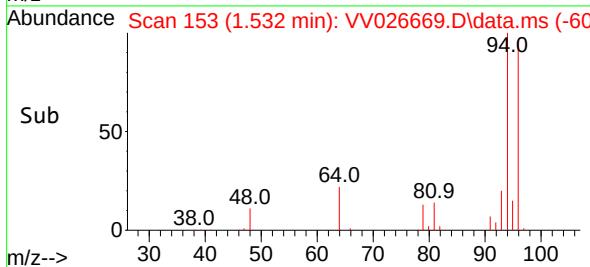
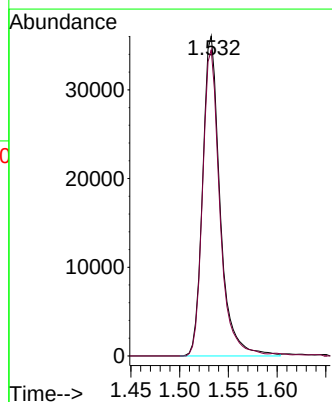
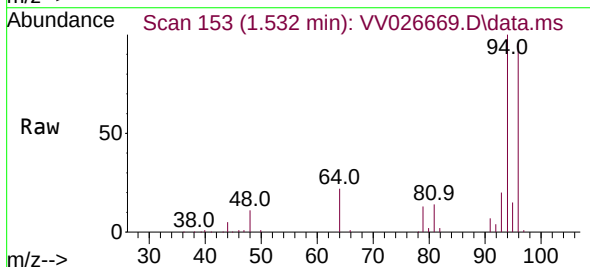
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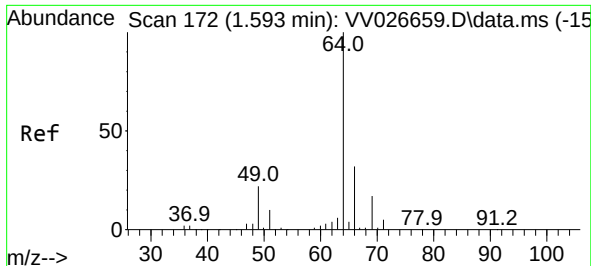
Tgt Ion: 62 Resp: 83306
 Ion Ratio Lower Upper
 62 100
 64 34.3 26.2 48.6



#6
 Bromomethane
 Concen: 4.697 ug/L
 RT: 1.532 min Scan# 153
 Delta R.T. 0.000 min
 Lab File: VV026669.D
 Acq: 07 Jul 2022 10:14

Tgt Ion: 94 Resp: 45033
 Ion Ratio Lower Upper
 94 100
 96 95.6 68.0 126.2

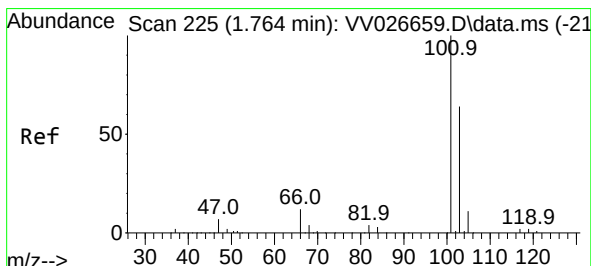
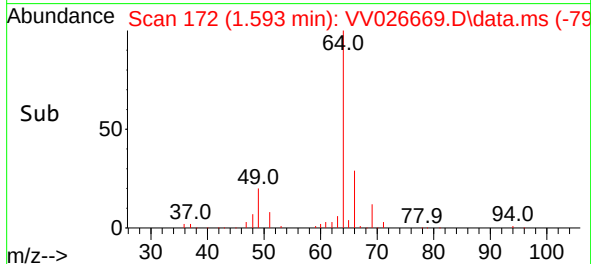
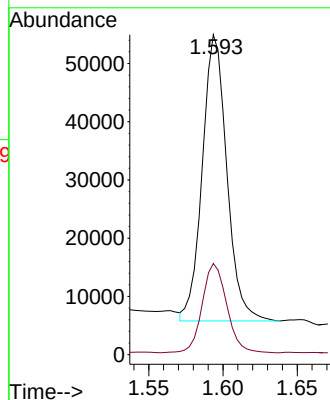
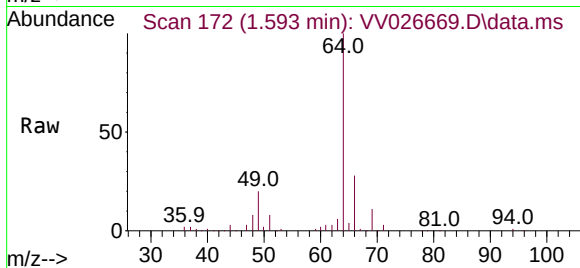




#8
Chloroethane
Concen: 4.691 ug/L
RT: 1.593 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

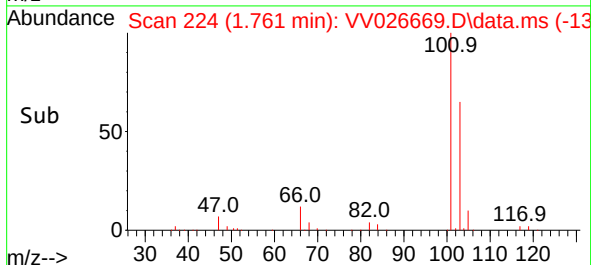
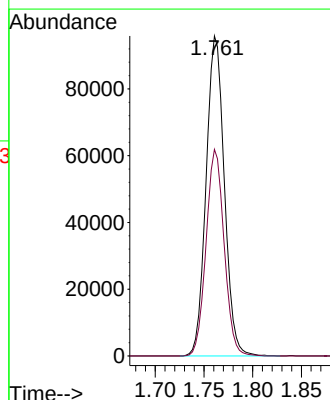
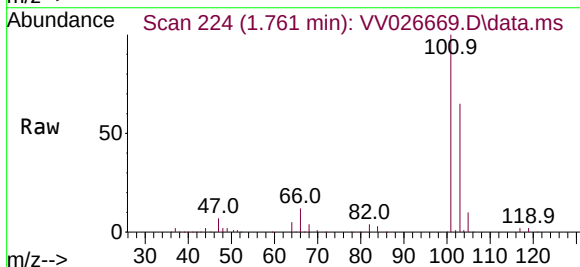
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ClientSampleId :
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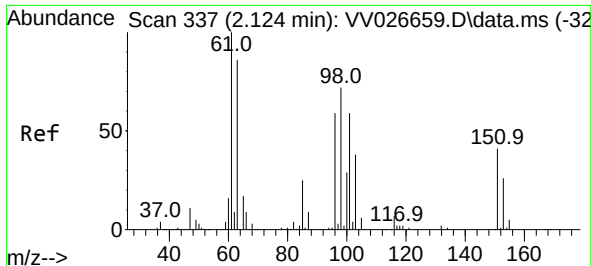
Tgt Ion: 64 Resp: 56512
Ion Ratio Lower Upper
64 100
66 28.5 20.0 37.2



#9
Trichlorofluoromethane
Concen: 5.049 ug/L
RT: 1.761 min Scan# 224
Delta R.T. -0.003 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion:101 Resp: 124732
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.4

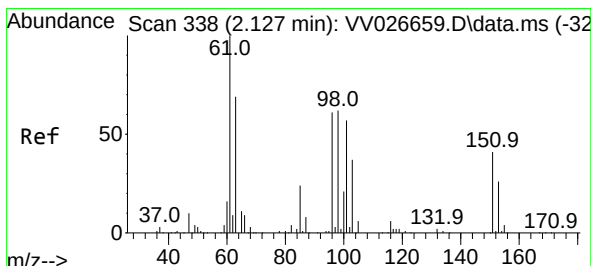
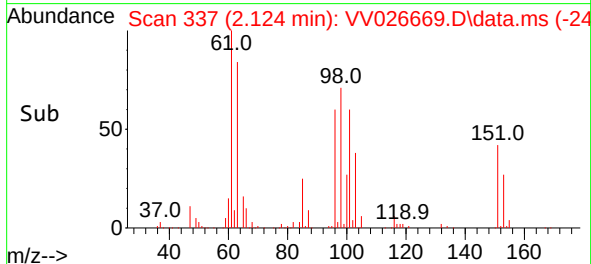
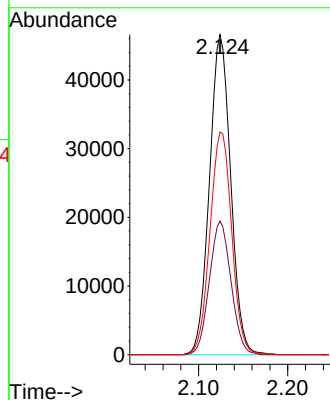
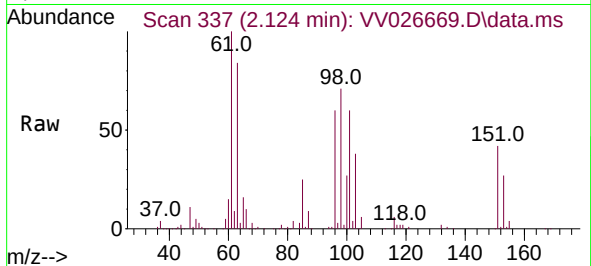




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.271 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.000 min
 Lab File: VV026669.D
 Acq: 07 Jul 2022 10:14

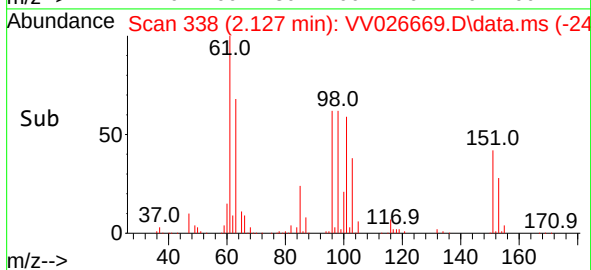
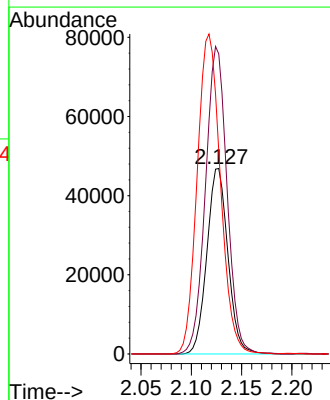
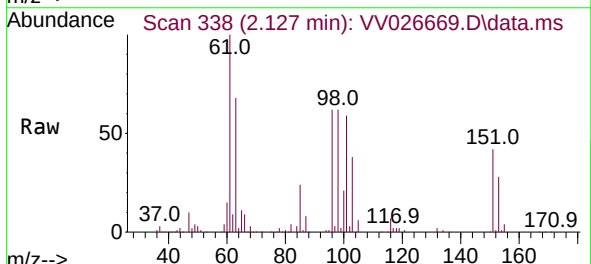
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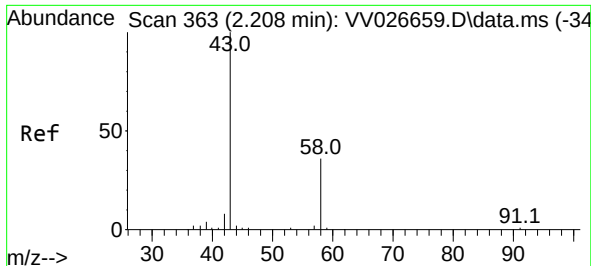
Tgt Ion:101 Resp: 77147
 Ion Ratio Lower Upper
 101 100
 85 42.4 34.2 51.4
 151 71.2 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.048 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: VV026669.D
 Acq: 07 Jul 2022 10:14

Tgt Ion: 96 Resp: 68113
 Ion Ratio Lower Upper
 96 100
 61 161.8 115.4 214.4
 63 109.6 87.4 162.2





#13

Acetone

Concen: 63.892 ug/L

RT: 2.214 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV026669.D

Acq: 07 Jul 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

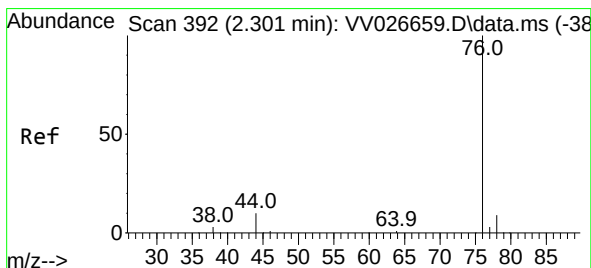
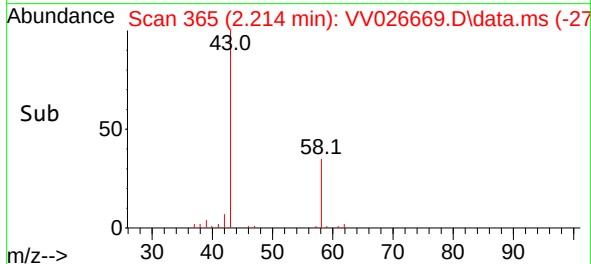
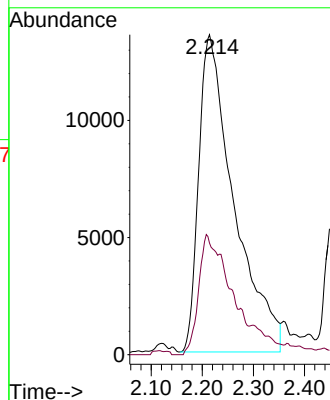
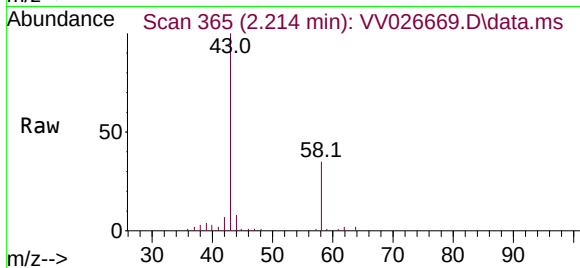
VSTD005345

Tgt Ion: 43 Resp: 64739

Ion Ratio Lower Upper

43 100

58 33.0 0.0 75.0



#14

Carbon disulfide

Concen: 4.571 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.000 min

Lab File: VV026669.D

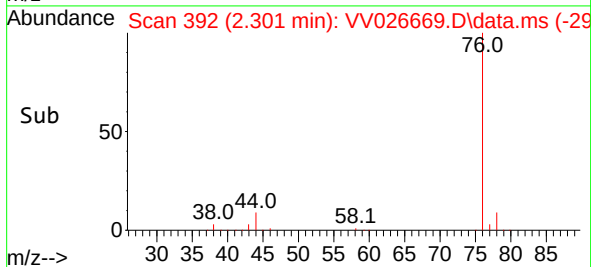
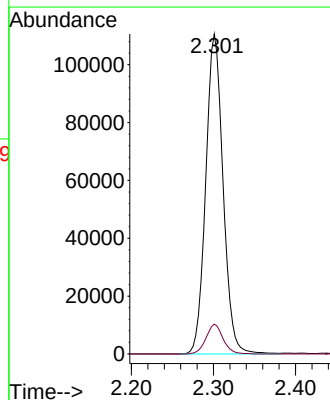
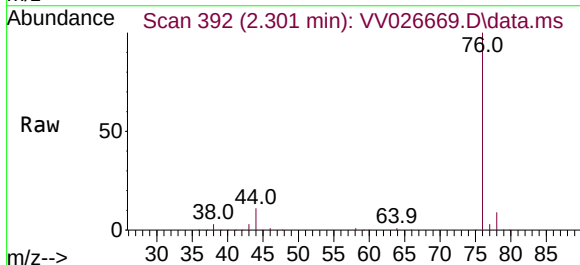
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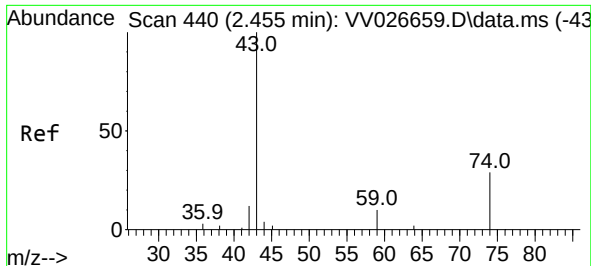
Tgt Ion: 76 Resp: 162708

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.6

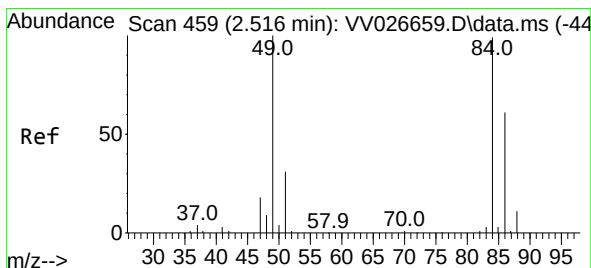
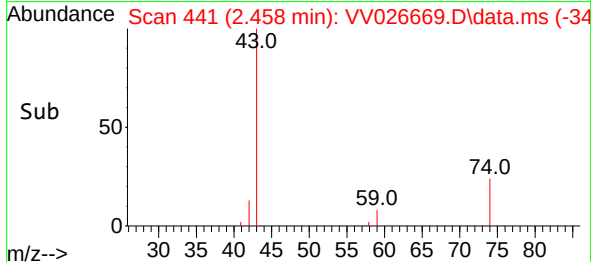
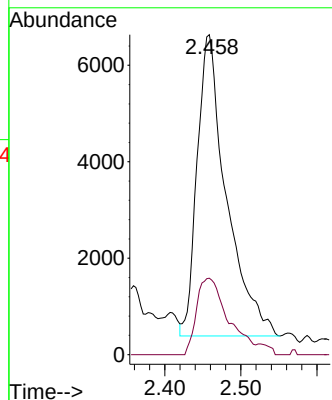
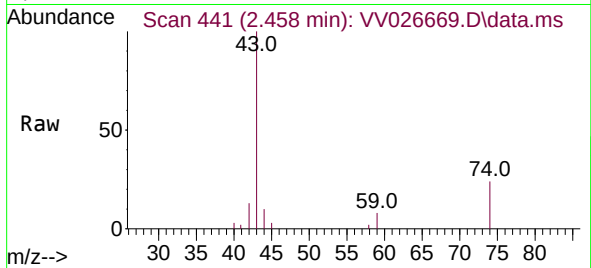




#15
Methyl Acetate
Concen: 5.718 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

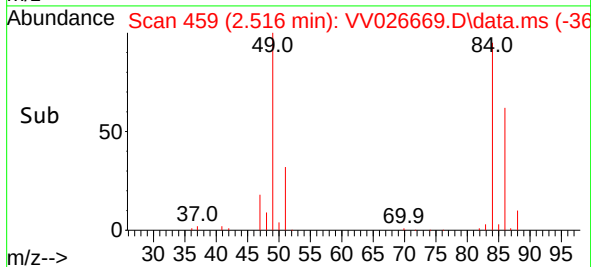
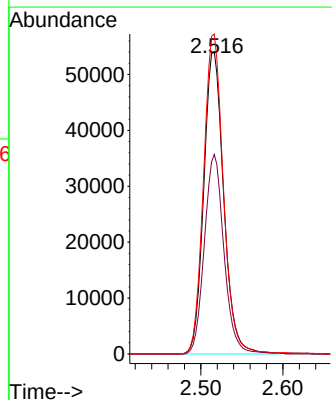
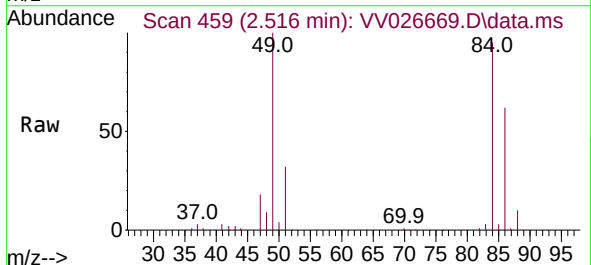
Instrument :
MSVOA_V
ClientSampleId :
VSTD005345

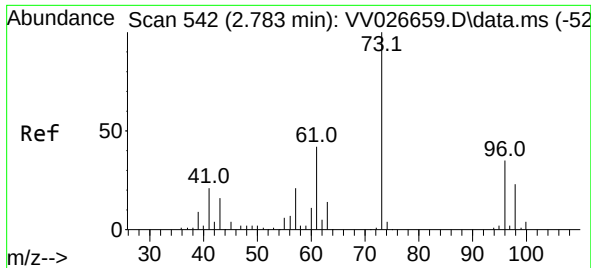
Tgt Ion: 43 Resp: 16706
Ion Ratio Lower Upper
43 100
74 27.3 22.1 33.1



#16
Methylene chloride
Concen: 6.373 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion: 84 Resp: 91277
Ion Ratio Lower Upper
84 100
86 66.0 46.0 85.4
49 105.8 77.7 144.3

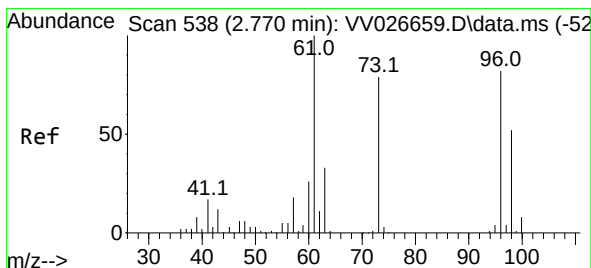
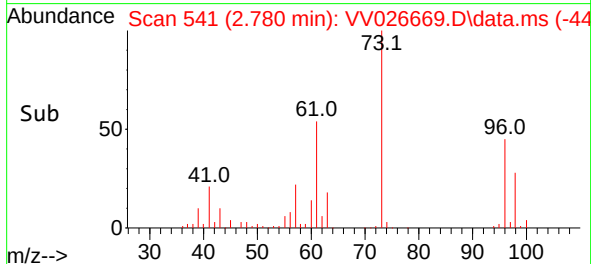
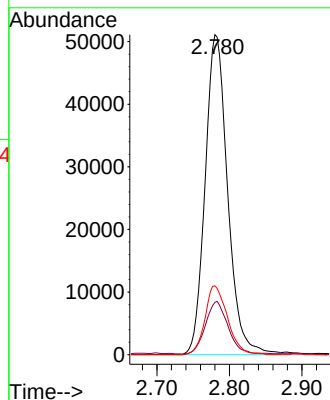
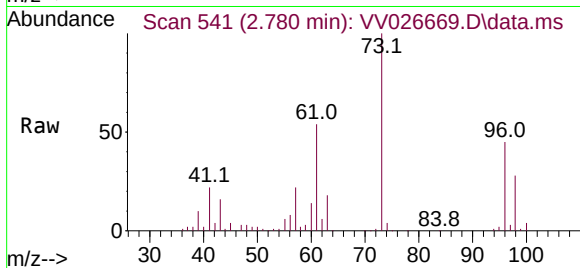




#17
Methyl tert-butyl Ether
Concen: 5.015 ug/L
RT: 2.780 min Scan# 541
Delta R.T. -0.003 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

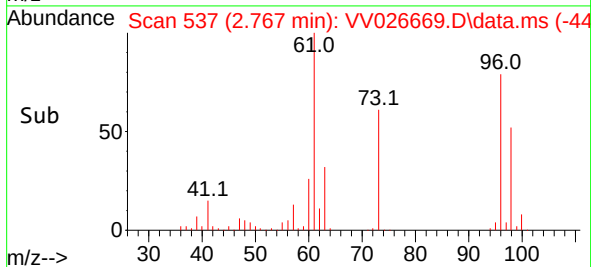
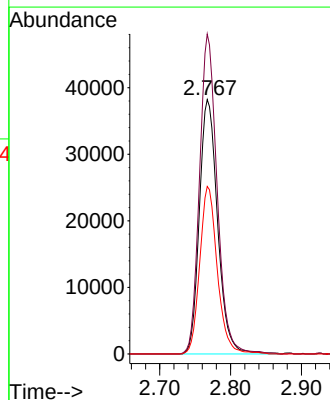
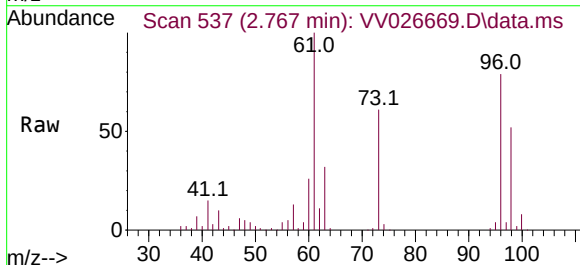
Instrument :
MSVOA_V
ClientSampleId :
VSTD005345

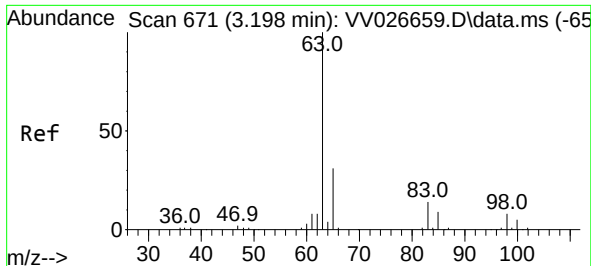
Tgt Ion: 73 Resp: 110294
Ion Ratio Lower Upper
73 100
43 16.3 13.3 19.9
57 21.6 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.958 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion: 96 Resp: 68249
Ion Ratio Lower Upper
96 100
61 125.8 90.4 167.8
98 65.9 45.6 84.8





#19

1,1-Dichloroethane

Concen: 5.135 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV026669.D

Acq: 07 Jul 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005345

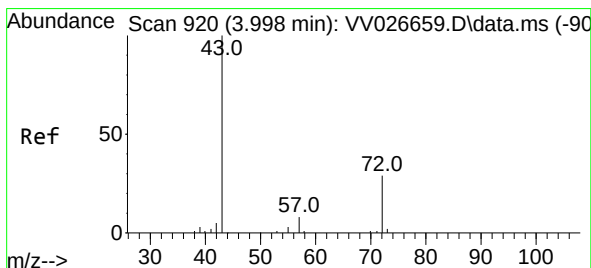
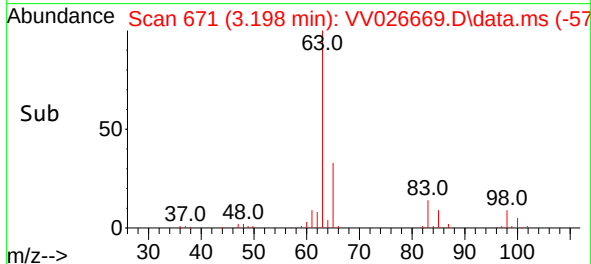
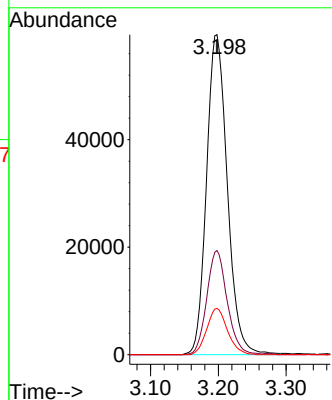
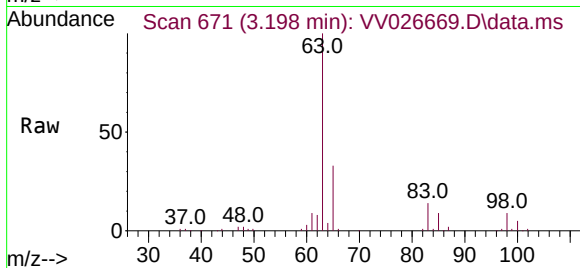
Tgt Ion: 63 Resp: 126935

Ion Ratio Lower Upper

63 100

65 32.5 23.0 42.6

83 14.5 10.2 19.0



#21

2-Butanone

Concen: 54.808 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.003 min

Lab File: VV026669.D

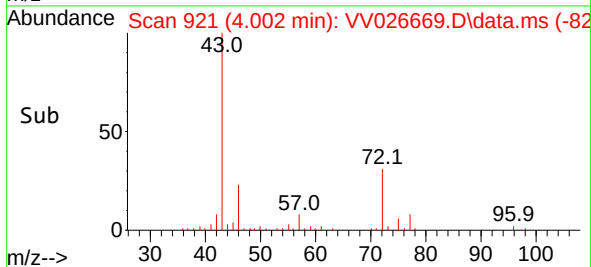
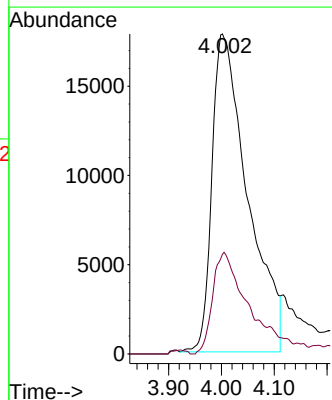
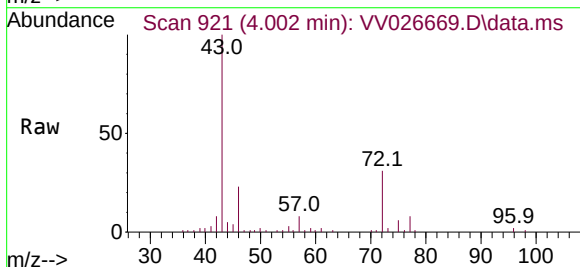
Acq: 07 Jul 2022 10:14

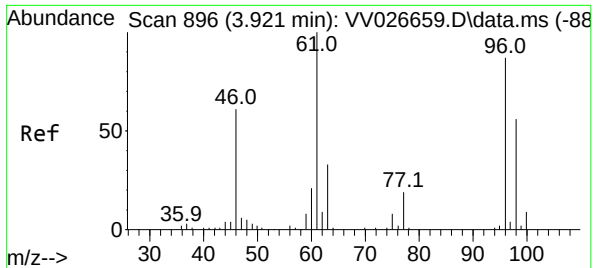
Tgt Ion: 43 Resp: 83544

Ion Ratio Lower Upper

43 100

72 28.6 13.5 40.5



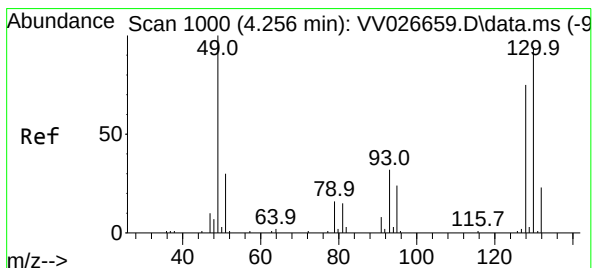
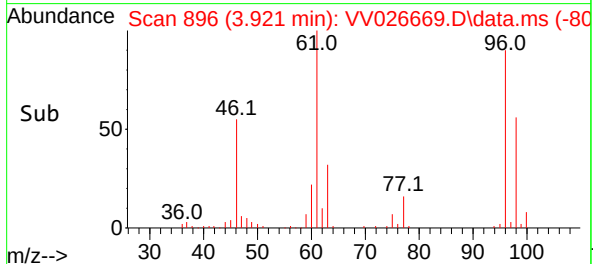
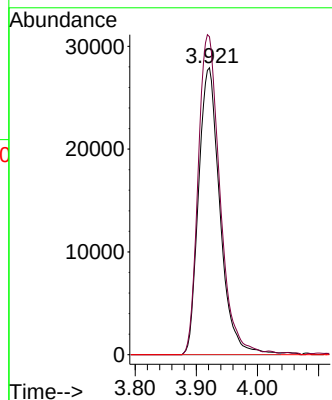
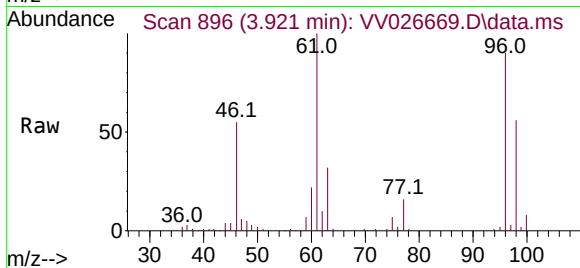


#22
 cis-1,2-Dichloroethene
 Concen: 4.959 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.000 min
 Lab File: VV026669.D
 Acq: 07 Jul 2022 10:14

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005345

Tgt Ion: 96 Resp: 67777

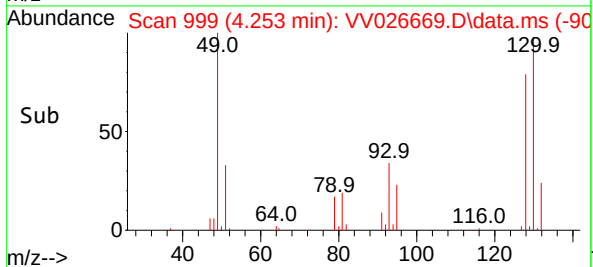
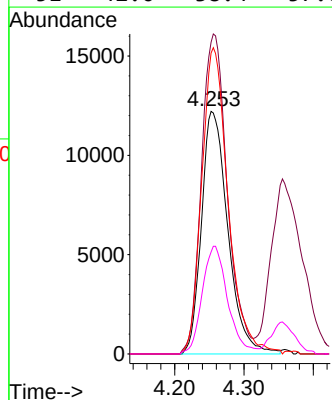
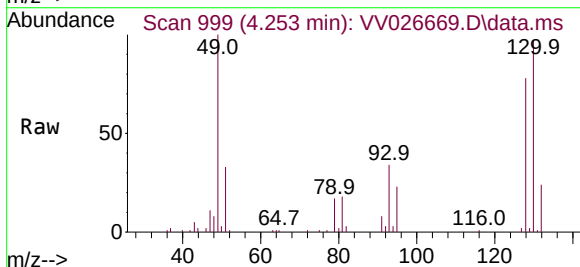
Ion	Ratio	Lower	Upper
96	100		
61	110.8	82.0	152.2
68	0.0	0.0	0.0

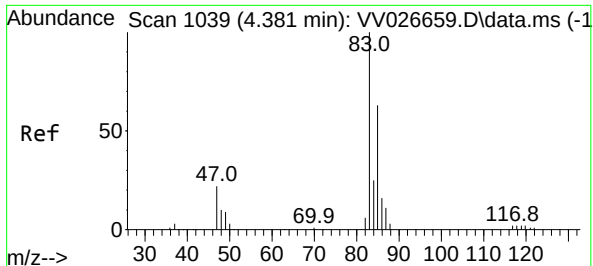


#23
 Bromochloromethane
 Concen: 5.733 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. -0.003 min
 Lab File: VV026669.D
 Acq: 07 Jul 2022 10:14

Tgt Ion:128 Resp: 32274

Ion	Ratio	Lower	Upper
128	100		
49	128.5	104.0	193.1
130	124.0	93.4	173.6
51	42.0	38.4	57.6





#25

Chloroform

Concen: 5.193 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VV026669.D

Acq: 07 Jul 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

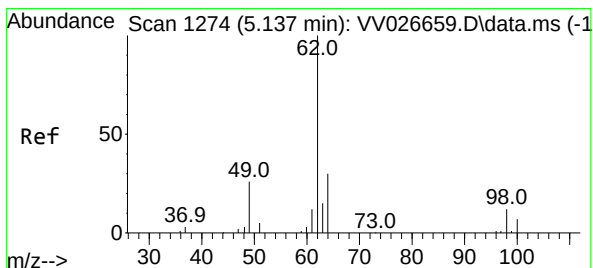
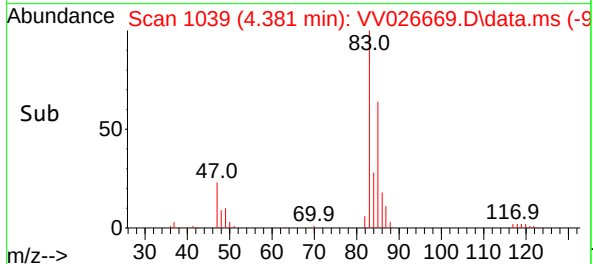
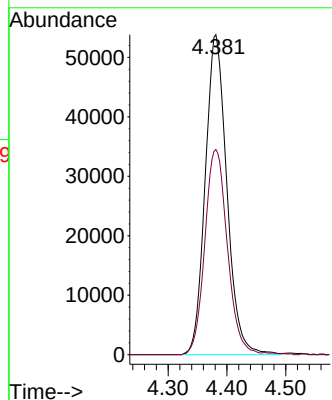
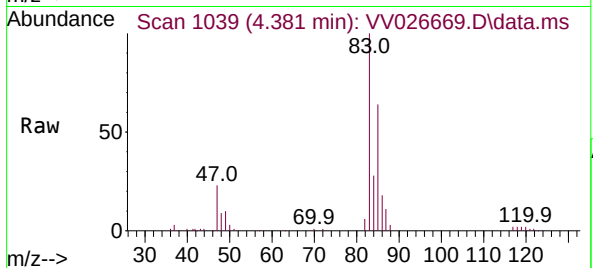
VSTD005345

Tgt Ion: 83 Resp: 137316

Ion Ratio Lower Upper

83 100

85 64.1 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.323 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VV026669.D

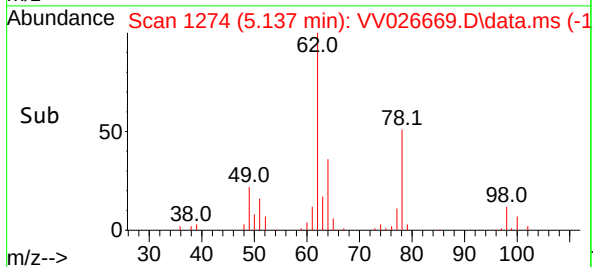
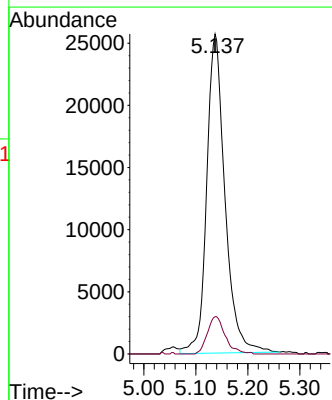
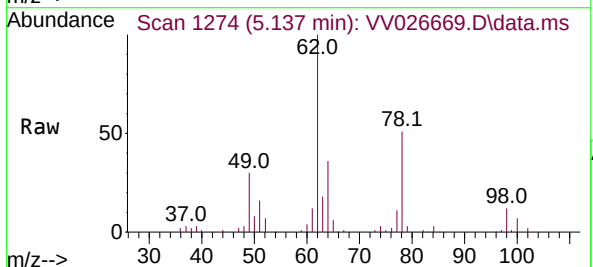
Acq: 07 Jul 2022 10:14

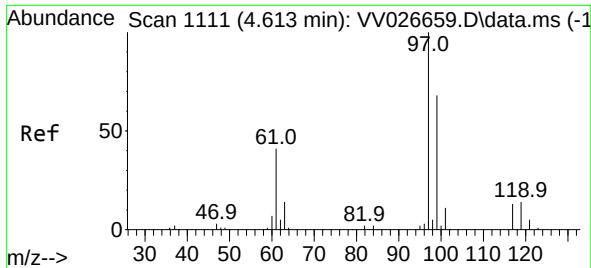
Tgt Ion: 62 Resp: 62643

Ion Ratio Lower Upper

62 100

98 11.7 8.4 12.6

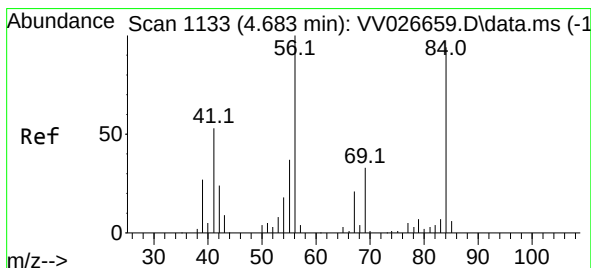
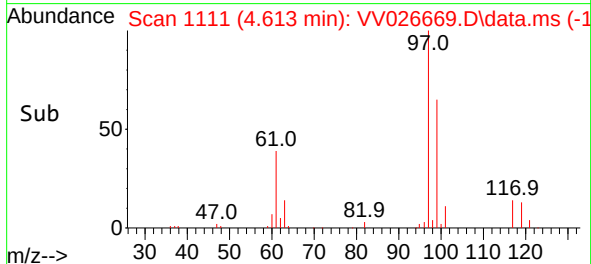
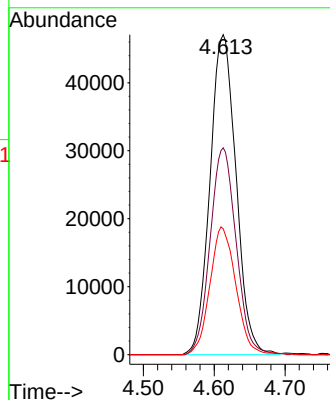
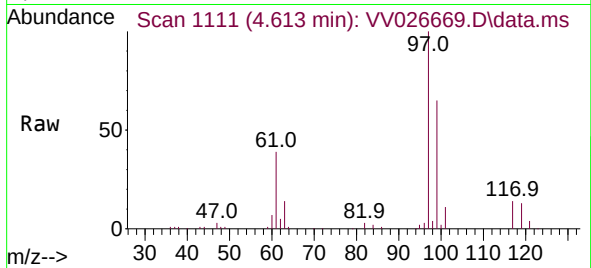




#29
1,1,1-Trichloroethane
Concen: 4.999 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

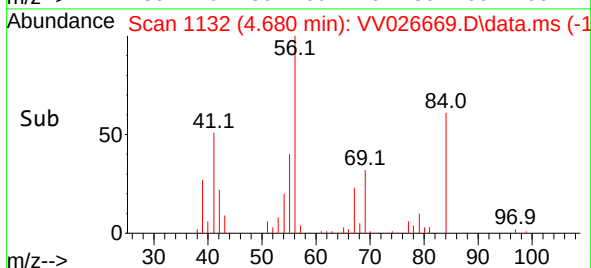
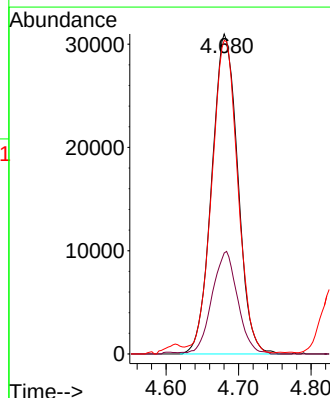
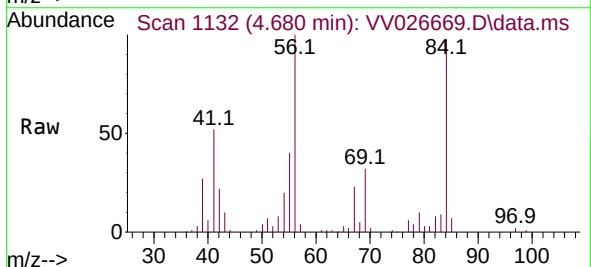
Instrument :
MSVOA_V
ClientSampleId :
VSTD005345

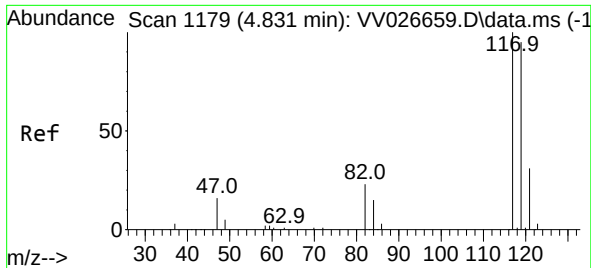
Tgt Ion:	97	Resp:	120429
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	39.5	33.0	49.4



#30
Cyclohexane
Concen: 4.049 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion:	56	Resp:	77242
Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.4	38.2
84	97.6	77.8	116.6

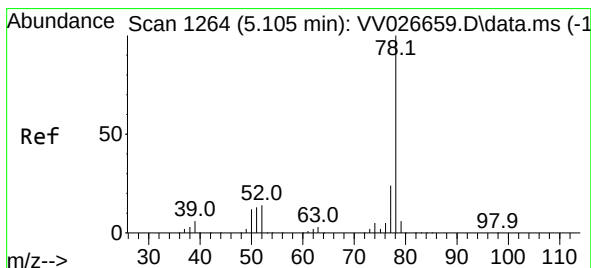
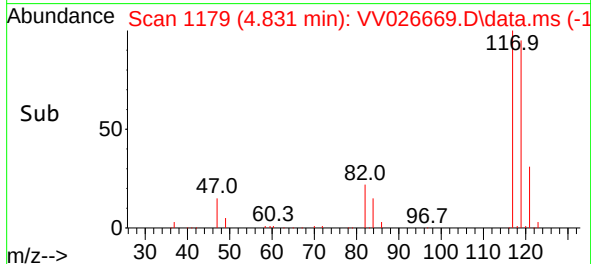
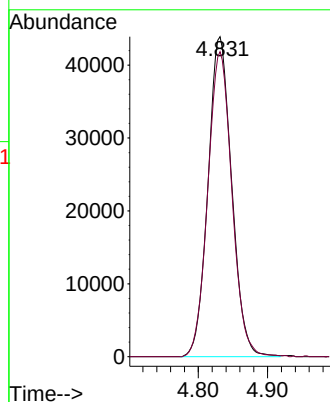
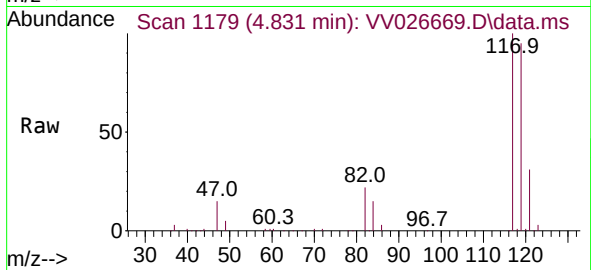




#31
Carbon tetrachloride
Concen: 5.160 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

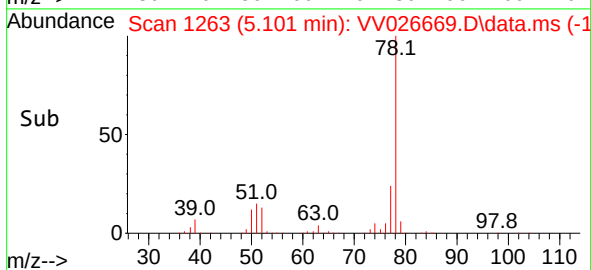
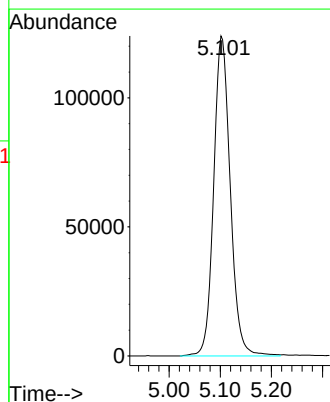
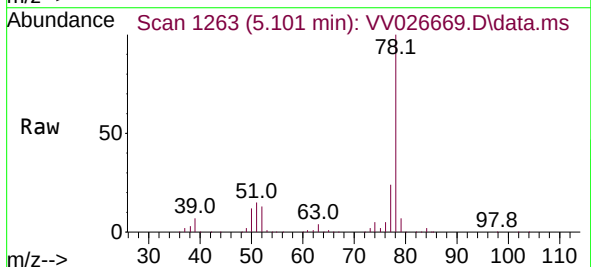
Instrument :
MSVOA_V
ClientSampleId :
VSTD005345

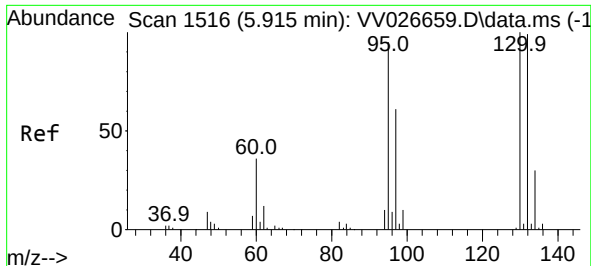
Tgt Ion:117 Resp: 104267
Ion Ratio Lower Upper
117 100
119 96.9 76.9 115.3



#33
Benzene
Concen: 4.889 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion: 78 Resp: 279482

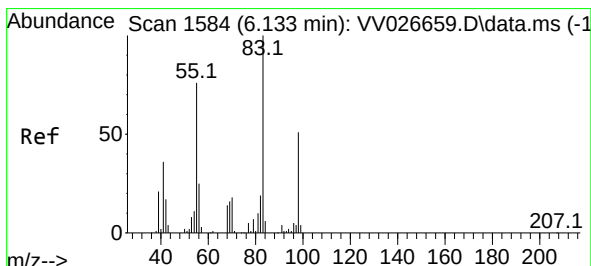
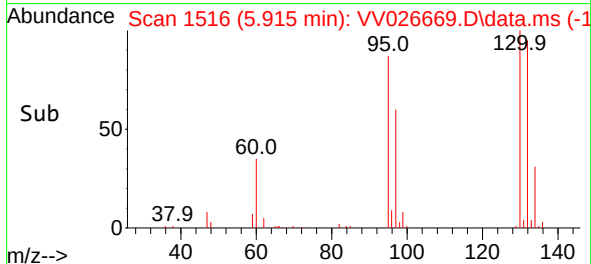
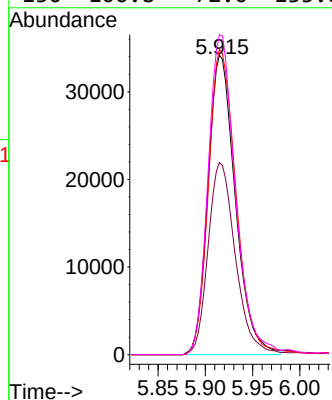
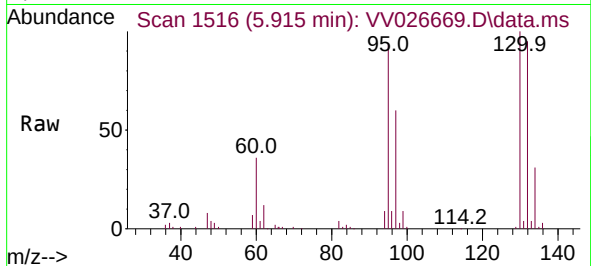




#34
Trichloroethene
Concen: 4.570 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

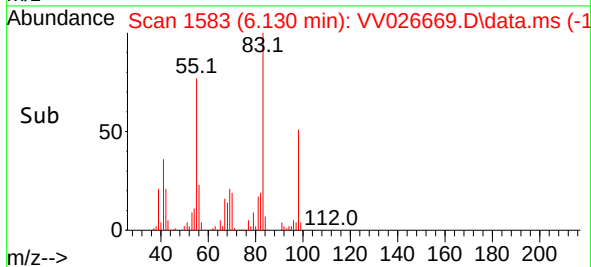
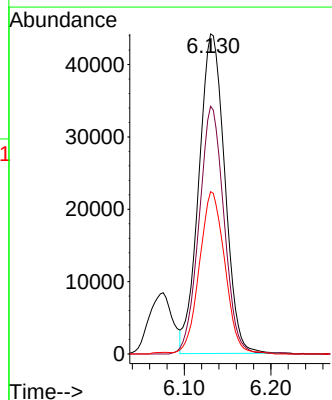
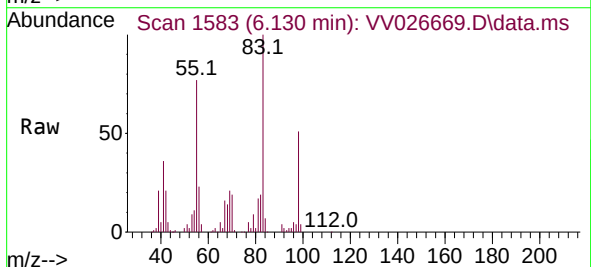
Instrument :
MSVOA_V
ClientSampleId :
VSTD005345

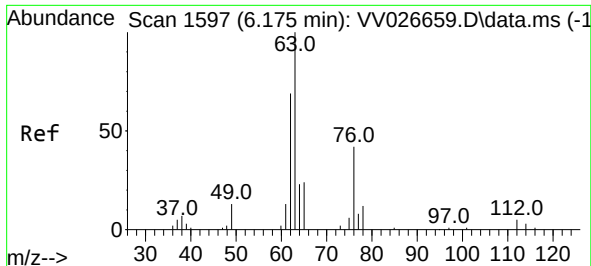
Tgt Ion: 95 Resp: 68687
Ion Ratio Lower Upper
95 100
97 64.2 46.8 87.0
132 102.0 69.9 129.7
130 106.8 72.0 133.8



#35
Methylcyclohexane
Concen: 4.136 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion: 83 Resp: 91958
Ion Ratio Lower Upper
83 100
55 74.5 57.0 85.4
98 49.9 39.8 59.8





#37

1,2-Dichloropropane

Concen: 4.939 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026669.D

Acq: 07 Jul 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

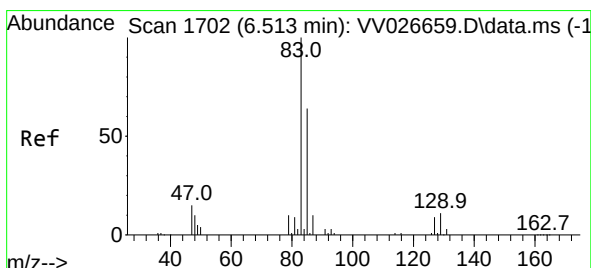
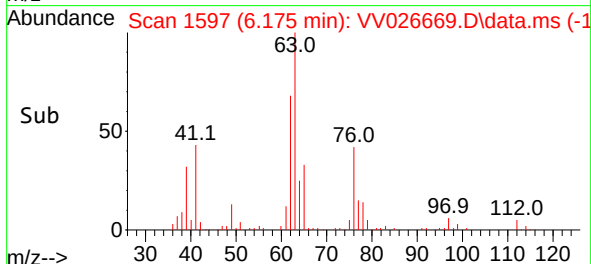
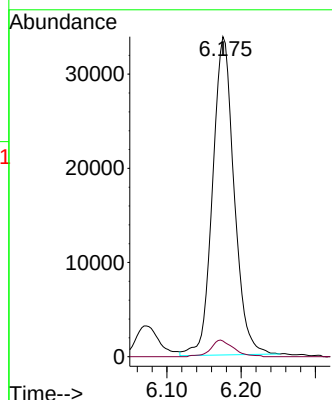
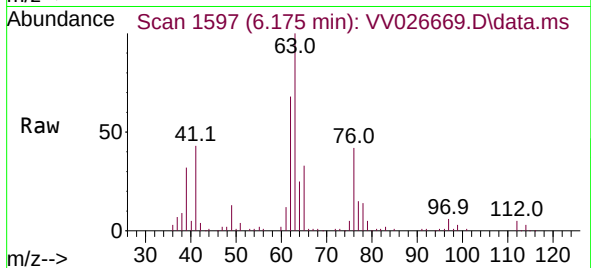
VSTD005345

Tgt Ion: 63 Resp: 68048

Ion Ratio Lower Upper

63 100

112 5.6 4.2 6.4



#38

Bromodichloromethane

Concen: 5.368 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV026669.D

Acq: 07 Jul 2022 10:14

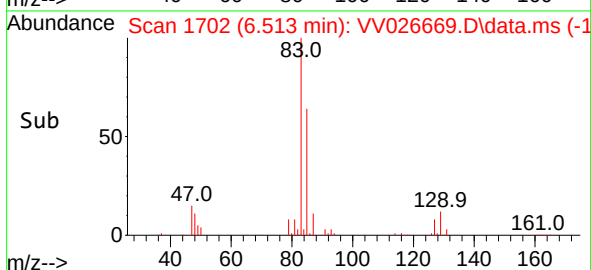
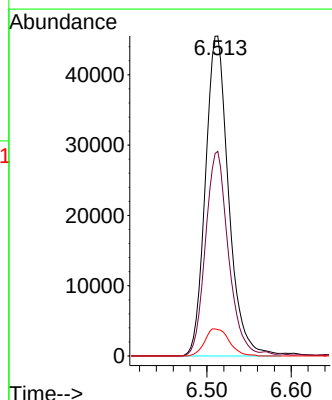
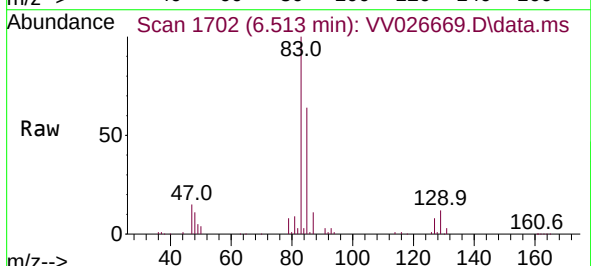
Tgt Ion: 83 Resp: 87309

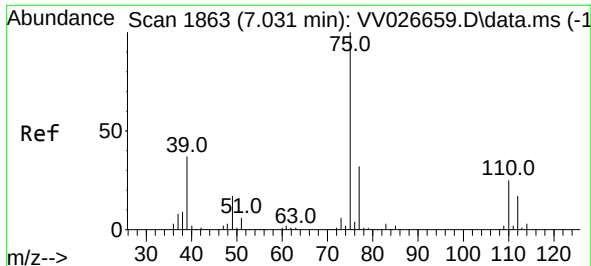
Ion Ratio Lower Upper

83 100

85 63.9 44.0 81.8

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.186 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VV026669.D

Acq: 07 Jul 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

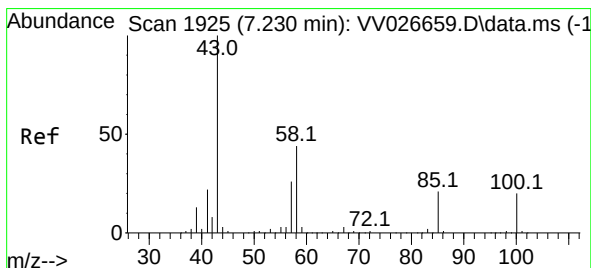
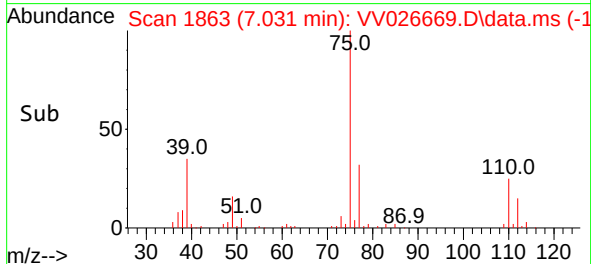
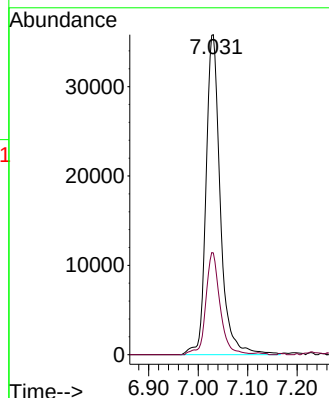
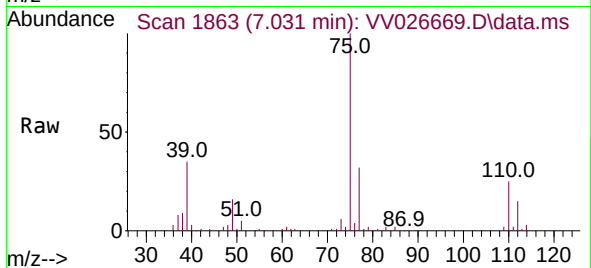
VSTD005345

Tgt Ion: 75 Resp: 71824

Ion Ratio Lower Upper

75 100

77 31.8 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 52.424 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026669.D

Acq: 07 Jul 2022 10:14

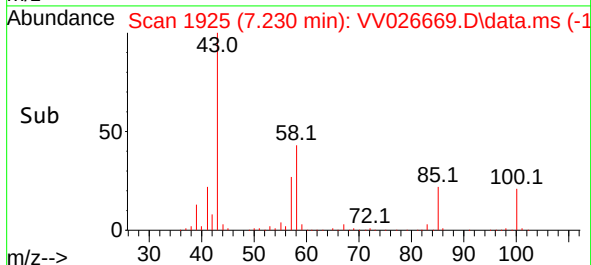
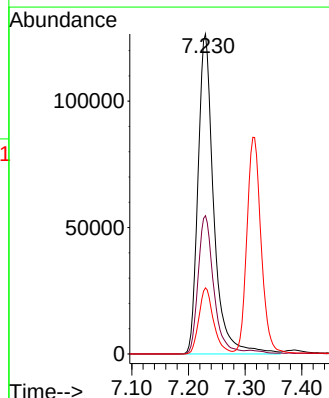
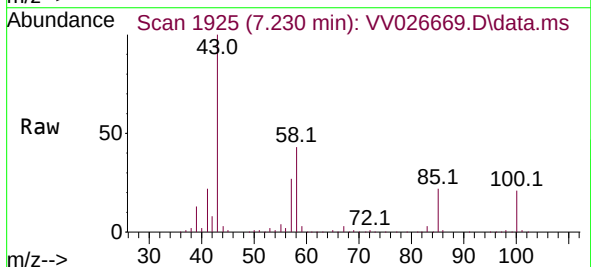
Tgt Ion: 43 Resp: 243980

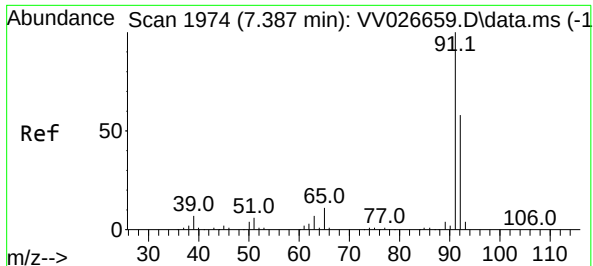
Ion Ratio Lower Upper

43 100

58 42.9 33.3 49.9

100 19.3 14.3 21.5





#42

Toluene

Concen: 5.103 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV026669.D

Acq: 07 Jul 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

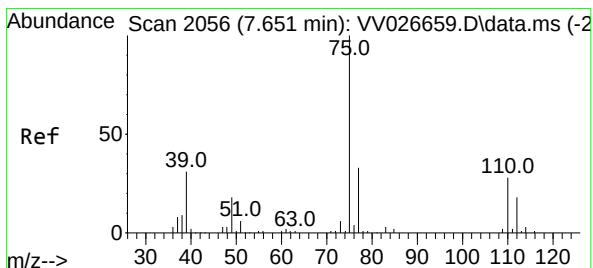
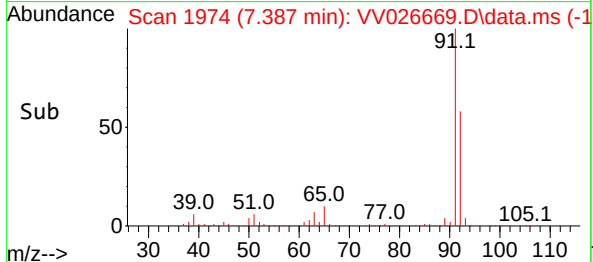
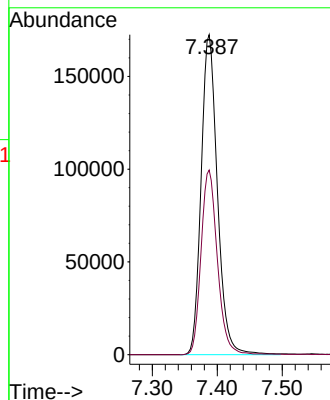
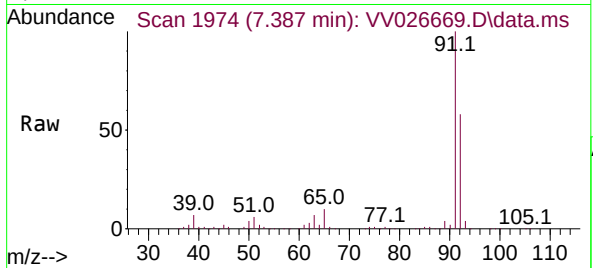
VSTD005345

Tgt Ion: 91 Resp: 301120

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.763 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV026669.D

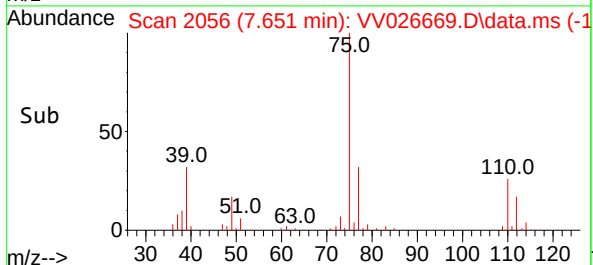
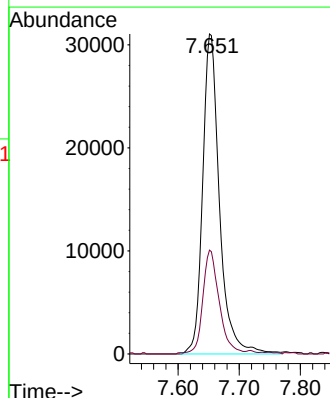
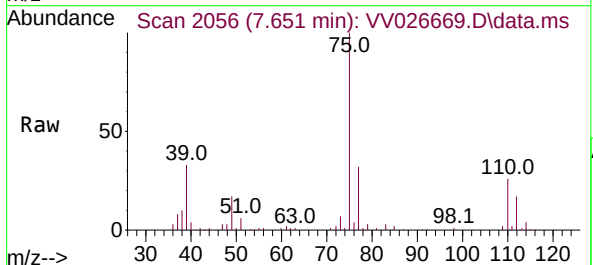
Acq: 07 Jul 2022 10:14

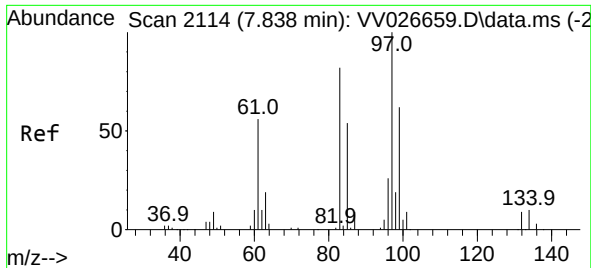
Tgt Ion: 75 Resp: 59364

Ion Ratio Lower Upper

75 100

77 32.4 23.1 42.9

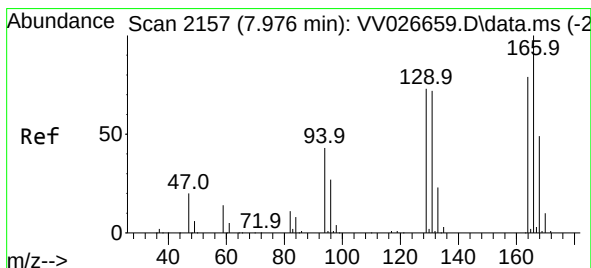
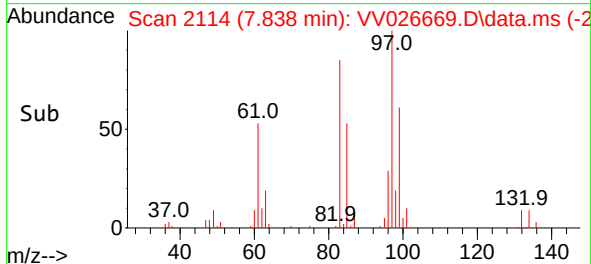
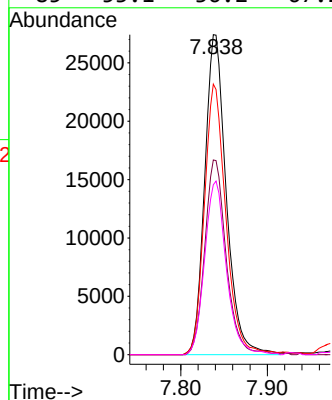
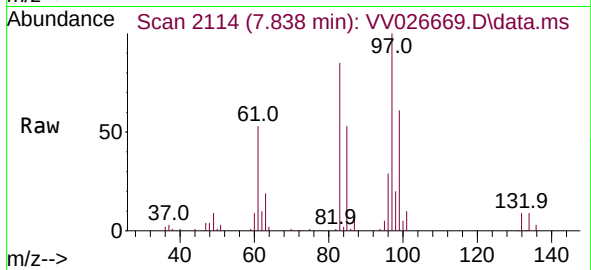




#45
1,1,2-Trichloroethane
Concen: 5.461 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

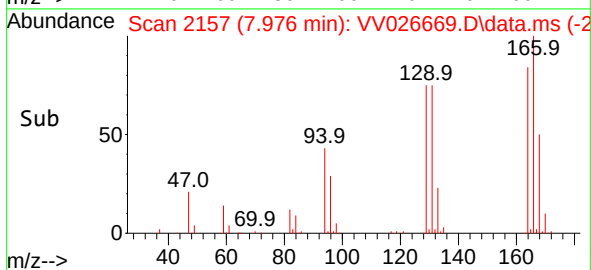
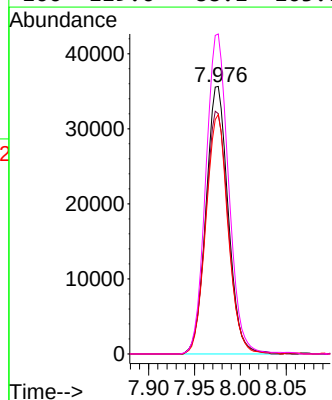
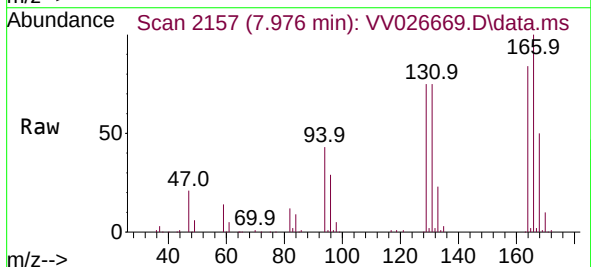
Instrument :
MSVOA_V
ClientSampleId :
VSTD005345

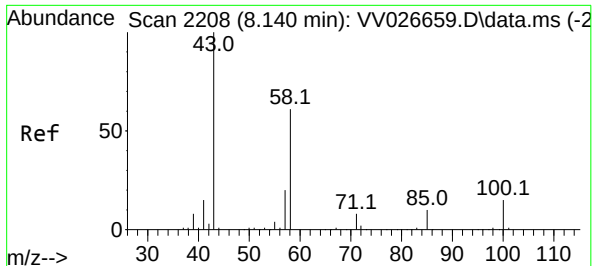
Tgt Ion:	97	Resp:	47452
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.4	80.6
83	84.5	58.0	107.8
85	53.1	36.2	67.2



#47
Tetrachloroethene
Concen: 5.014 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion:	164	Resp:	59991
Ion	Ratio	Lower	Upper
164	100		
129	89.9	66.4	123.2
131	89.5	64.4	119.6
166	119.6	88.1	163.7

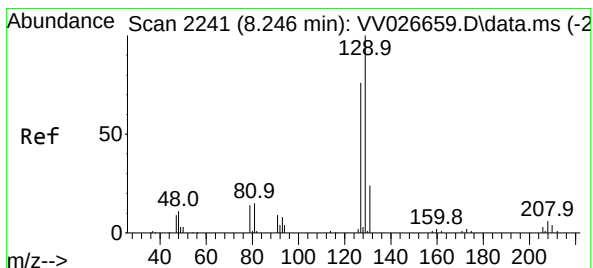
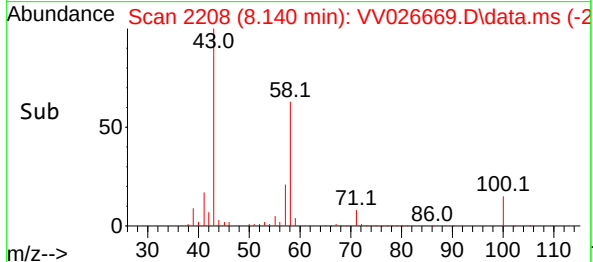
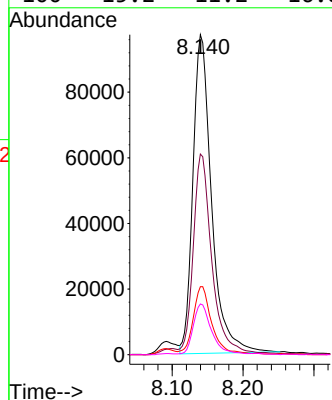
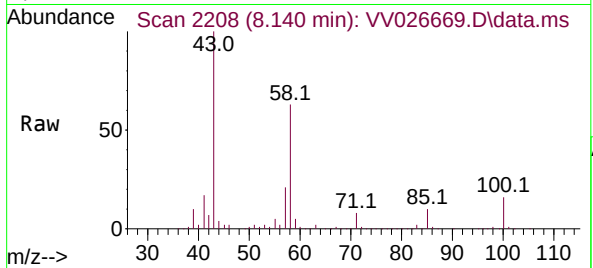




#48
2-Hexanone
Concen: 54.928 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

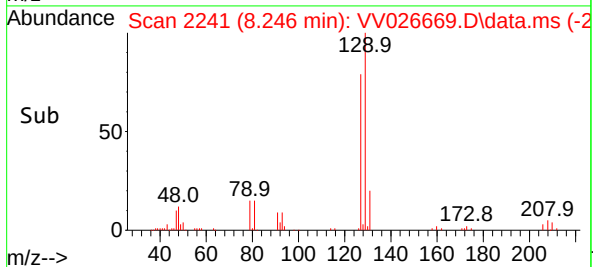
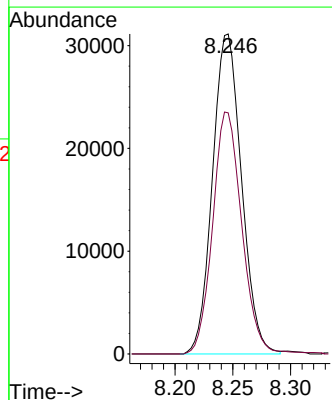
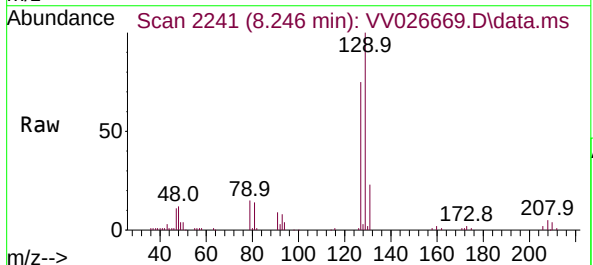
Instrument :
MSVOA_V
ClientSampleId :
VSTD005345

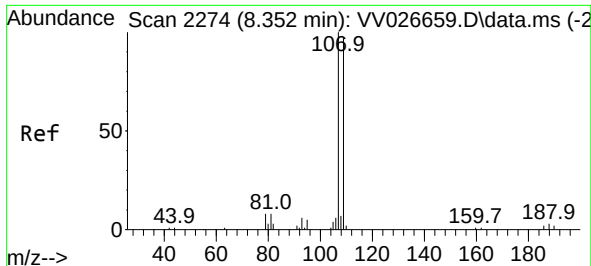
Tgt Ion:	43	Resp:	177948
Ion	Ratio	Lower	Upper
43	100		
58	62.9	47.8	71.6
57	21.2	15.0	22.6
100	15.2	11.2	16.8



#49
Dibromochloromethane
Concen: 6.189 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion:	129	Resp:	54446
Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.2	100.6

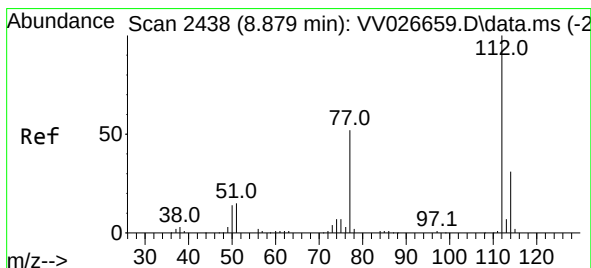
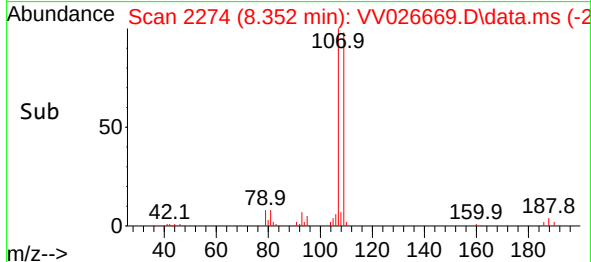
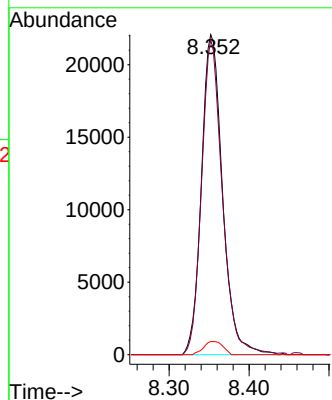
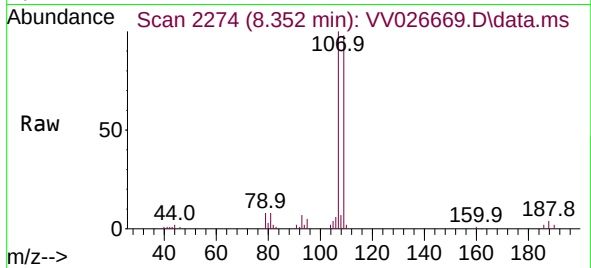




#50
1,2-Dibromoethane
Concen: 5.245 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

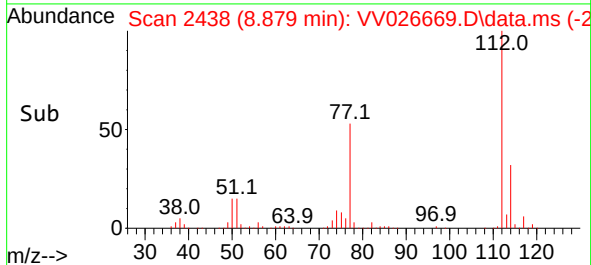
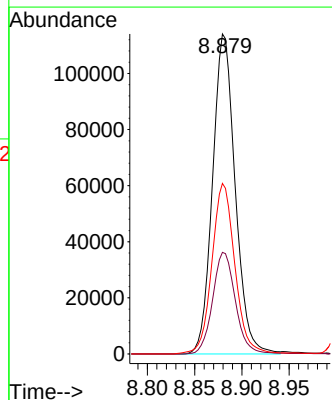
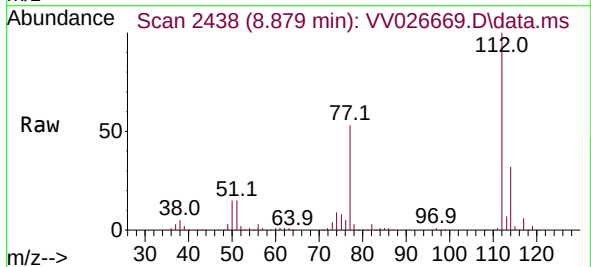
Instrument :
MSVOA_V
ClientSampleId :
VSTD005345

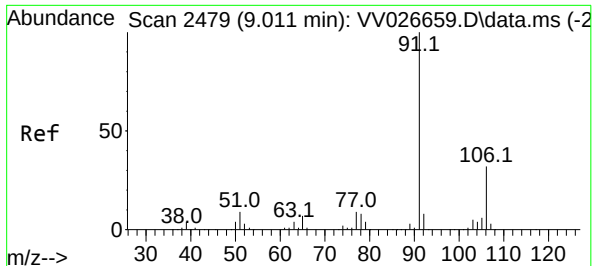
Tgt Ion:107 Resp: 40518
Ion Ratio Lower Upper
107 100
109 98.4 67.8 125.8
188 4.1 3.2 4.8



#51
Chlorobenzene
Concen: 4.916 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion:112 Resp: 190029
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 53.3 44.4 66.6





#52

Ethylbenzene

Concen: 4.611 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV026669.D

Acq: 07 Jul 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

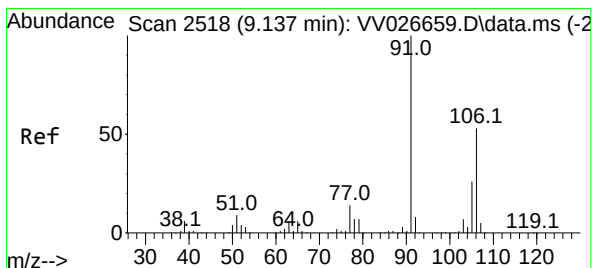
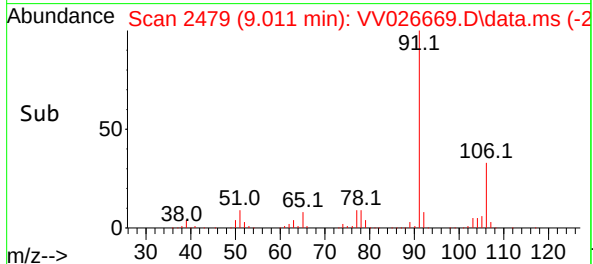
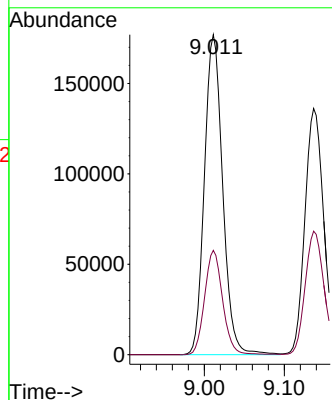
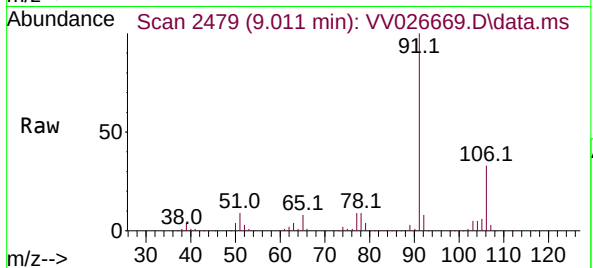
VSTD005345

Tgt Ion: 91 Resp: 281457

Ion Ratio Lower Upper

91 100

106 32.6 22.1 41.1



#53

m,p-Xylene

Concen: 4.719 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV026669.D

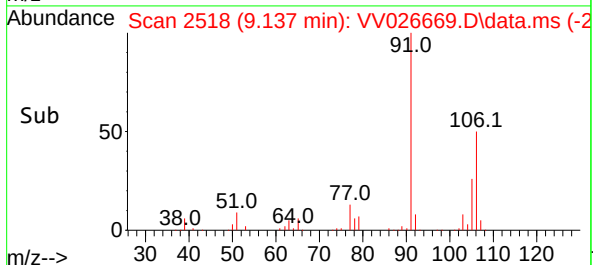
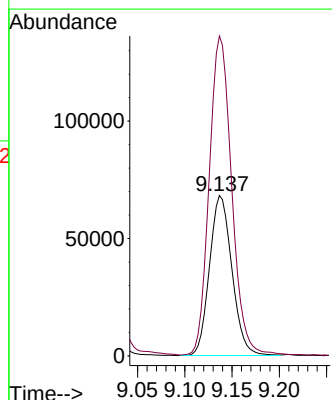
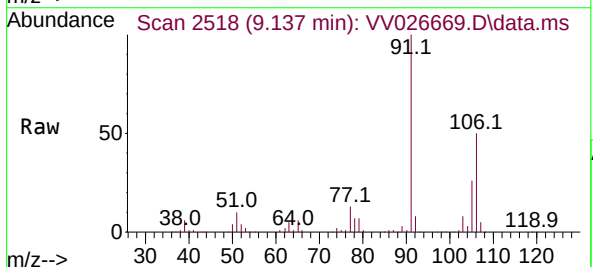
Acq: 07 Jul 2022 10:14

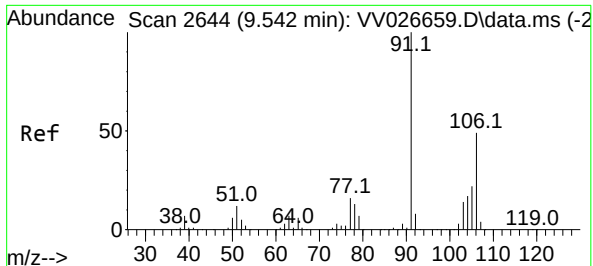
Tgt Ion: 106 Resp: 112366

Ion Ratio Lower Upper

106 100

91 199.5 139.9 259.9

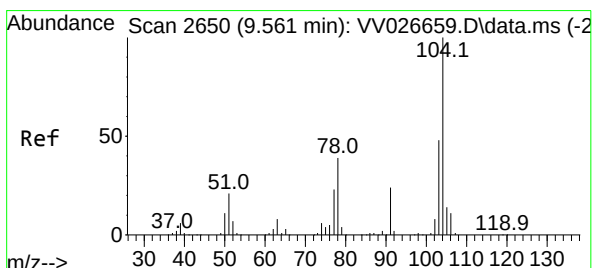
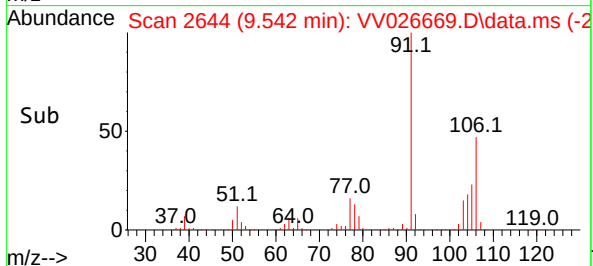
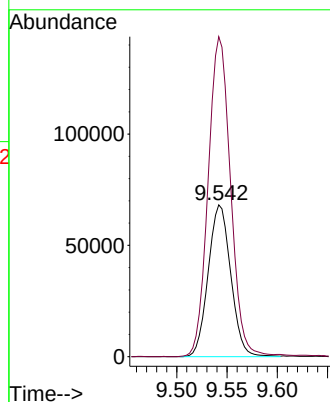
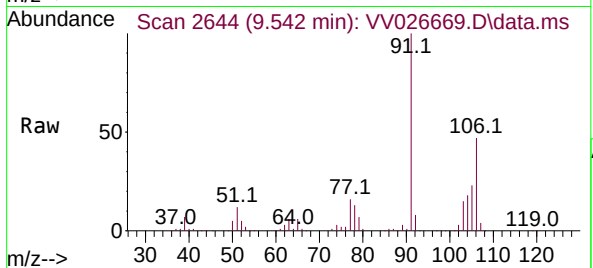




#54
o-Xylene
Concen: 4.764 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

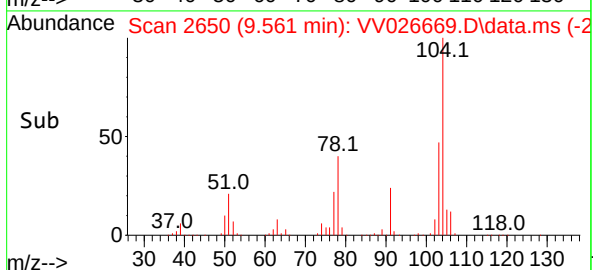
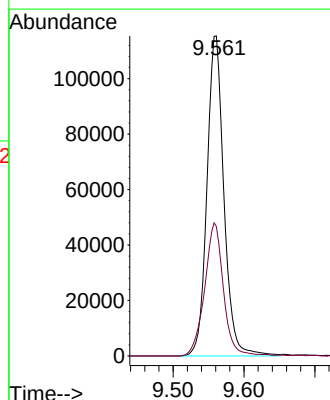
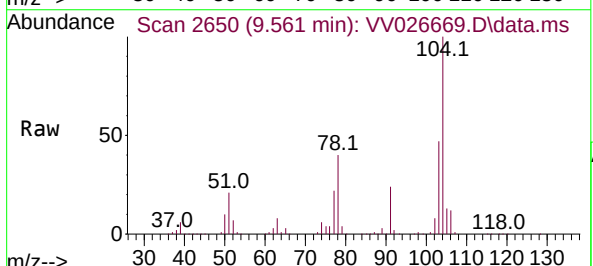
Instrument :
MSVOA_V
ClientSampleId :
VSTD005345

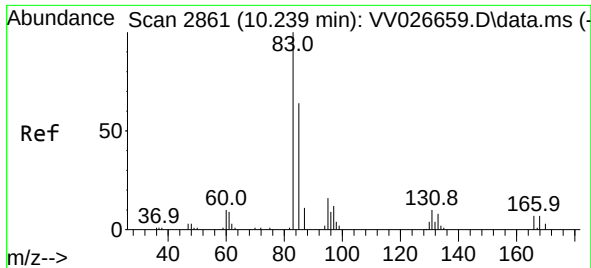
Tgt Ion:106 Resp: 106472
Ion Ratio Lower Upper
106 100
91 210.7 147.5 273.9



#55
Styrene
Concen: 5.188 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion:104 Resp: 192029
Ion Ratio Lower Upper
104 100
78 40.4 28.4 52.8

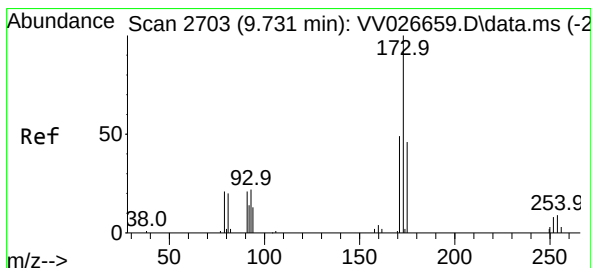
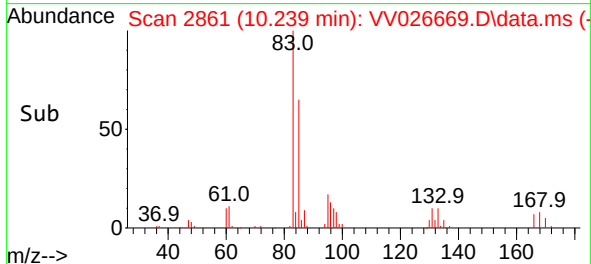
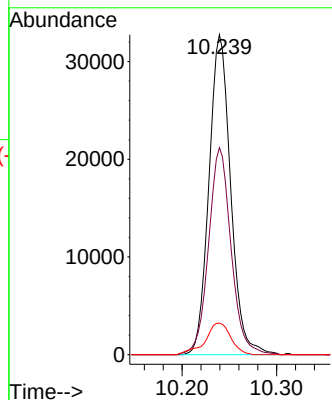
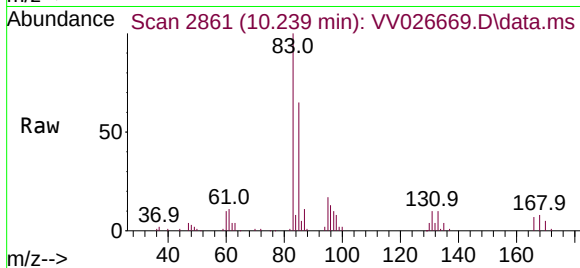




#57
1,1,2,2-Tetrachloroethane
Concen: 5.389 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

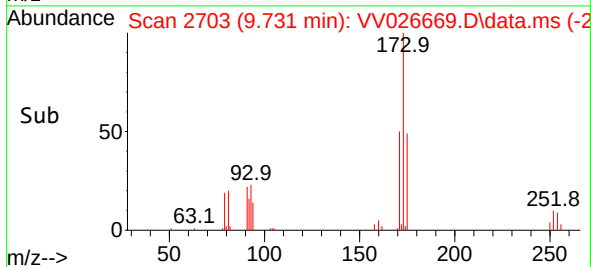
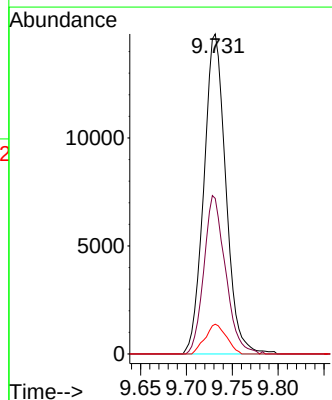
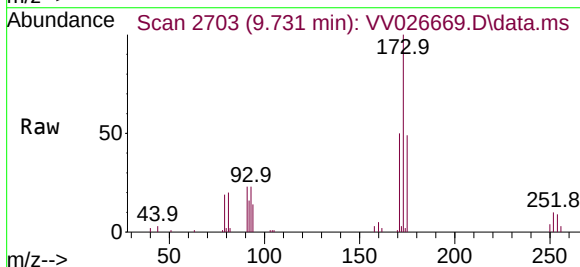
Instrument : MSVOA_V
ClientSampleId : VSTD005345

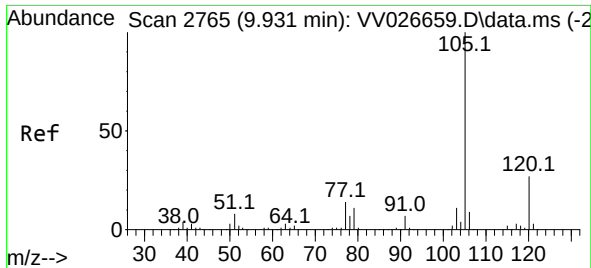
Tgt Ion:	83	Resp:	52280
Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.3	82.3
131	9.9	8.0	12.0



#59
Bromoform
Concen: 6.606 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion:	173	Resp:	24723
Ion	Ratio	Lower	Upper
173	100		
175	48.6	37.9	56.9
254	9.0	6.3	9.5

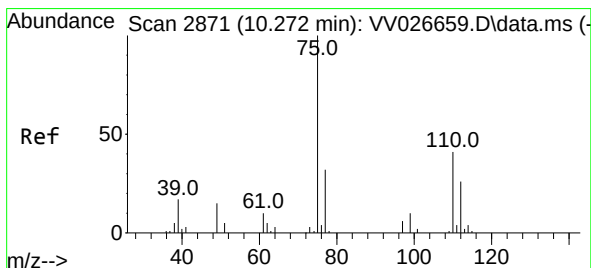
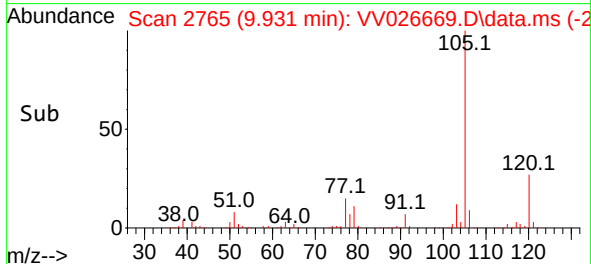
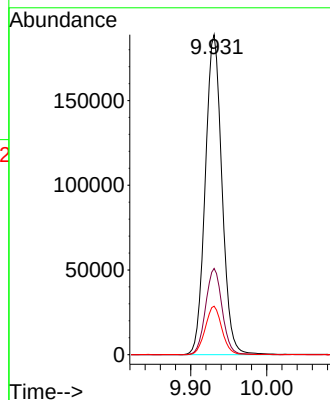
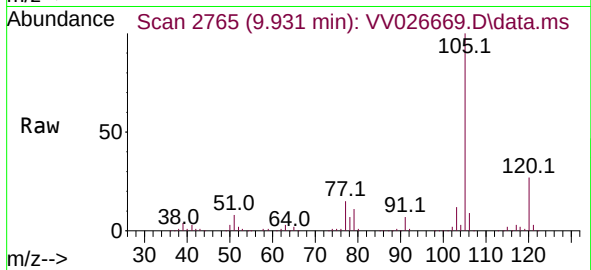




#60
Isopropylbenzene
Concen: 4.592 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

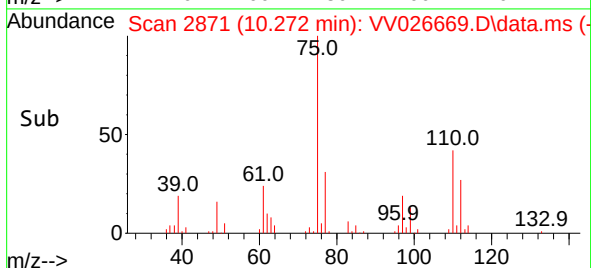
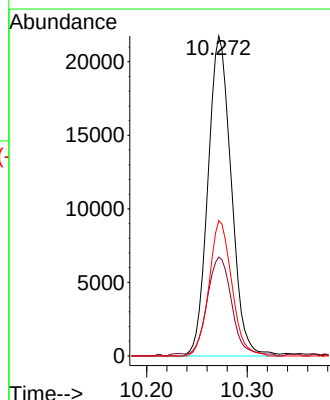
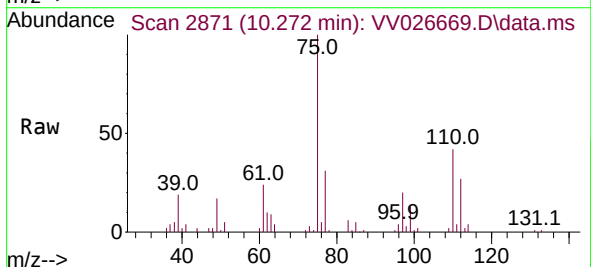
Instrument :
MSVOA_V
ClientSampleId :
VSTD005345

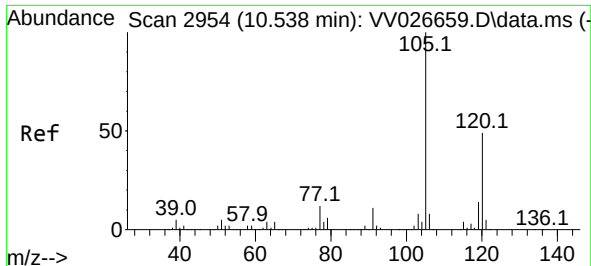
Tgt Ion:105 Resp: 287614
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.2
77 15.2 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.315 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion: 75 Resp: 34950
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.6
110 41.4 32.5 48.7





#62

1,3,5-Trimethylbenzene

Concen: 4.305 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026669.D

Acq: 07 Jul 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

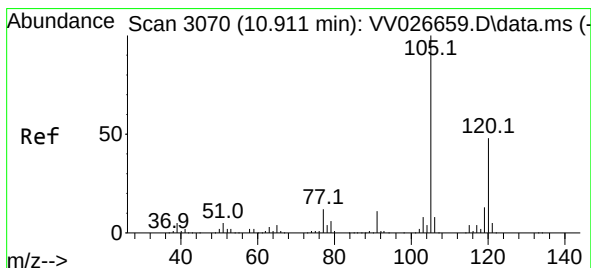
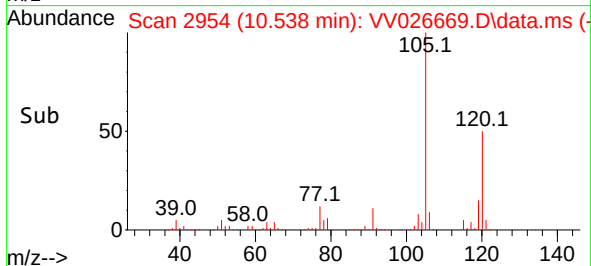
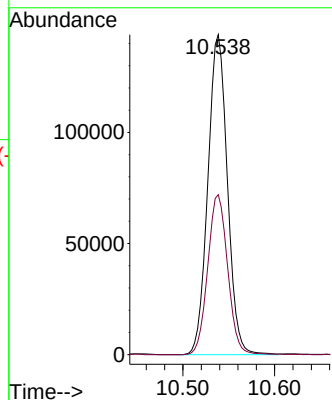
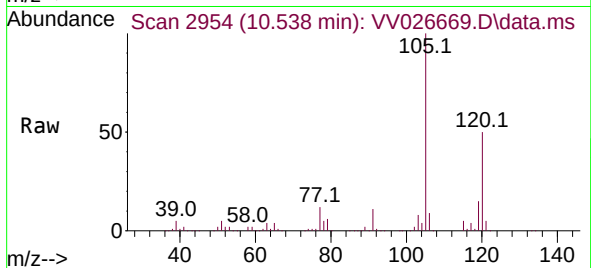
VSTD005345

Tgt Ion:105 Resp: 213170

Ion Ratio Lower Upper

105 100

120 51.0 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.447 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV026669.D

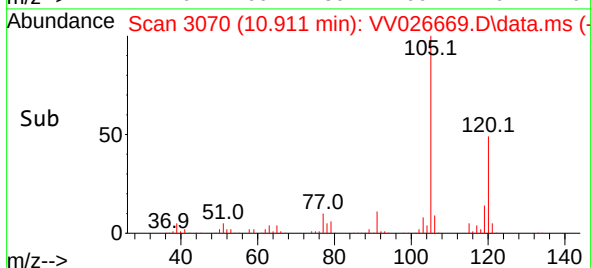
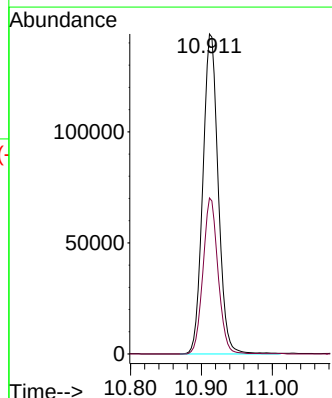
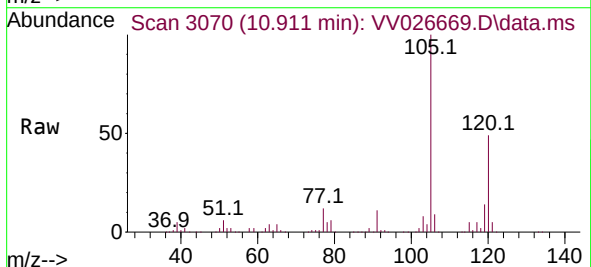
Acq: 07 Jul 2022 10:14

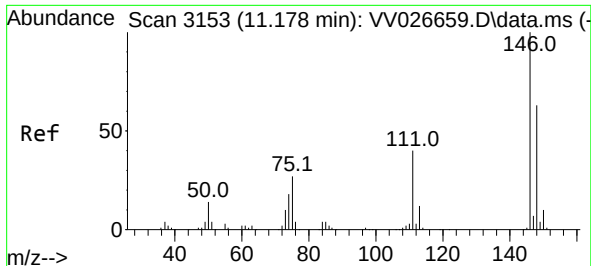
Tgt Ion:105 Resp: 217102

Ion Ratio Lower Upper

105 100

120 47.5 37.4 56.2

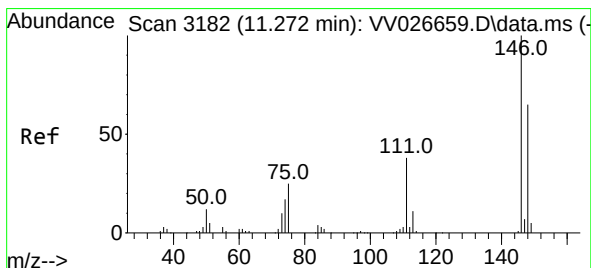
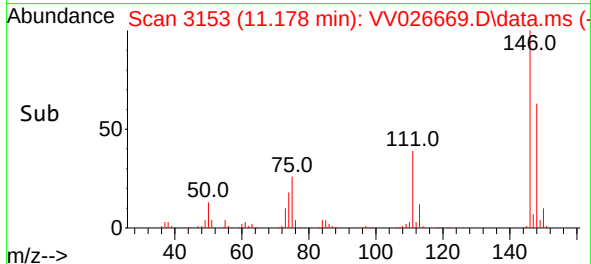
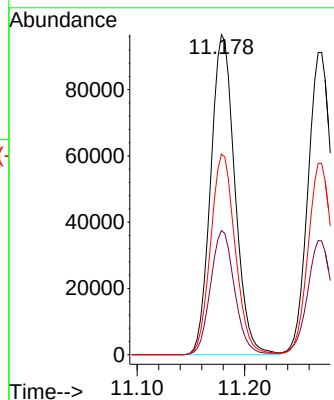
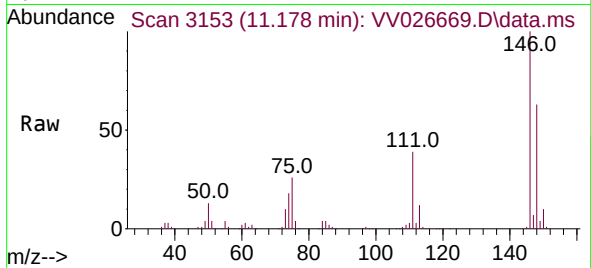




#64
1,3-Dichlorobenzene
Concen: 4.949 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

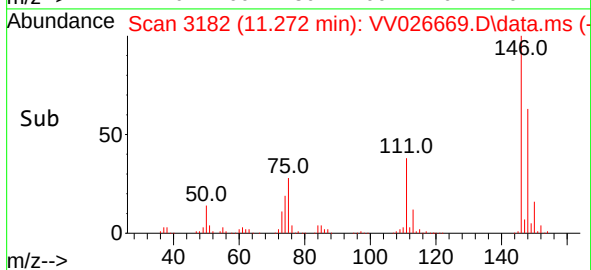
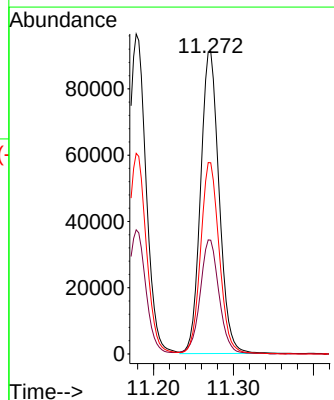
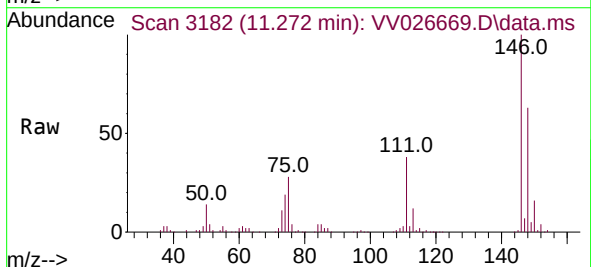
Instrument :
MSVOA_V
ClientSampleId :
VSTD005345

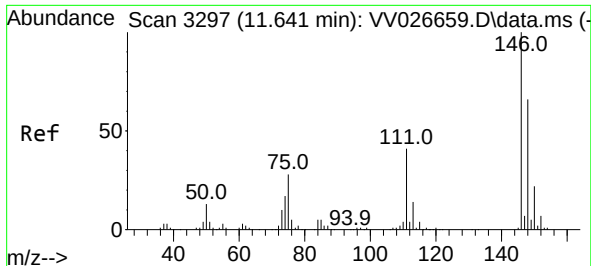
Tgt Ion:146 Resp: 150790
Ion Ratio Lower Upper
146 100
111 38.8 27.9 51.7
148 62.7 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.882 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion:146 Resp: 147685
Ion Ratio Lower Upper
146 100
111 37.6 26.5 49.3
148 63.2 43.7 81.1

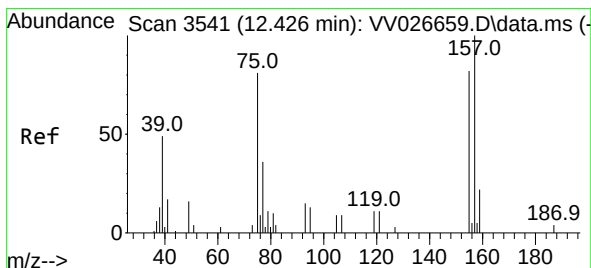
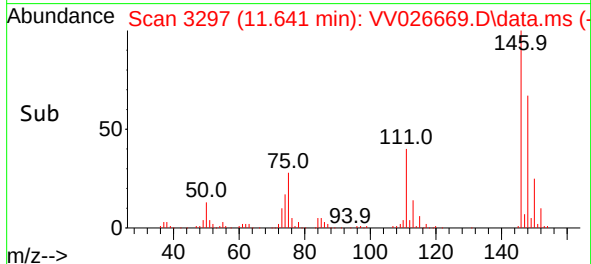
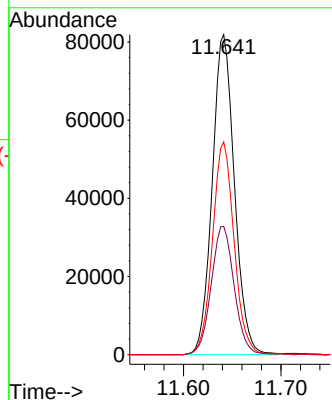
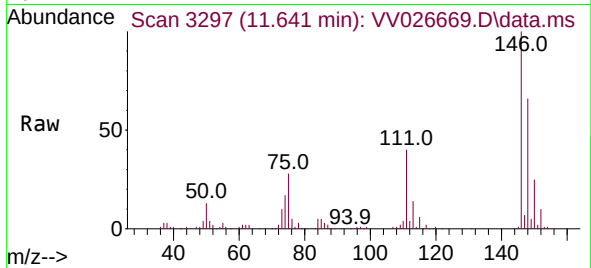




#67
1,2-Dichlorobenzene
Concen: 5.003 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

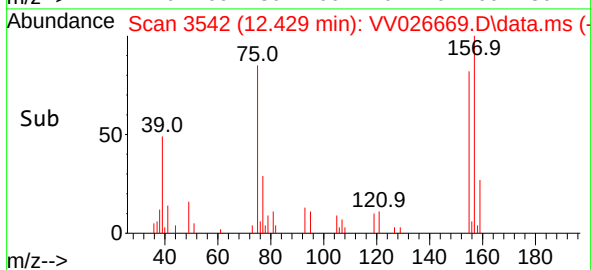
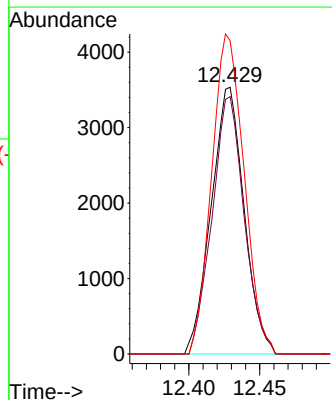
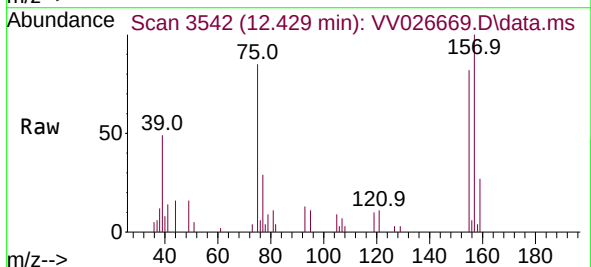
Instrument :
MSVOA_V
ClientSampleId :
VSTD005345

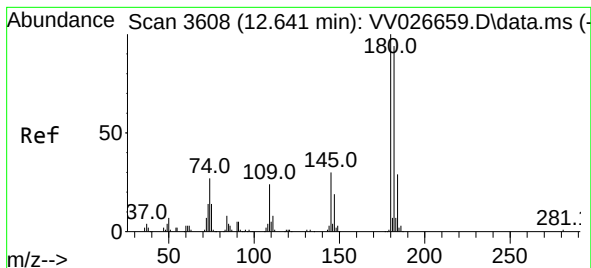
Tgt Ion:146 Resp: 129695
Ion Ratio Lower Upper
146 100
111 40.1 32.8 49.2
148 66.5 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.839 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion: 75 Resp: 5707
Ion Ratio Lower Upper
75 100
155 96.4 74.7 112.1
157 117.4 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 4.694 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV026669.D

Acq: 07 Jul 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005345

Tgt Ion:180 Resp: 102828

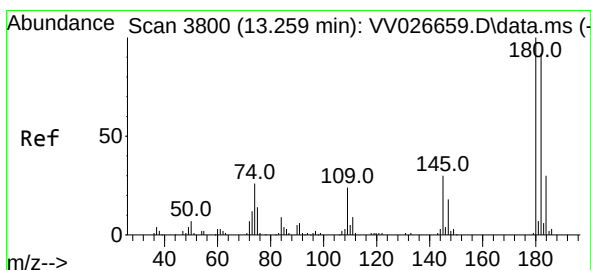
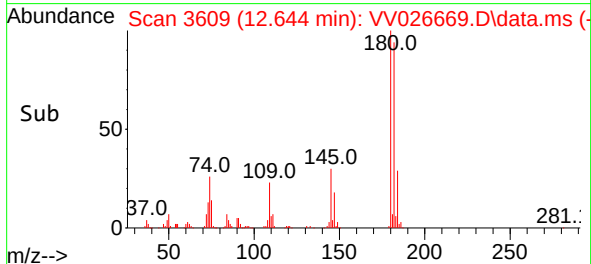
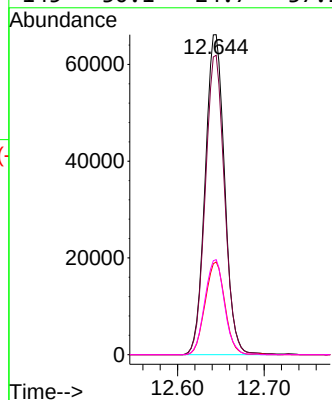
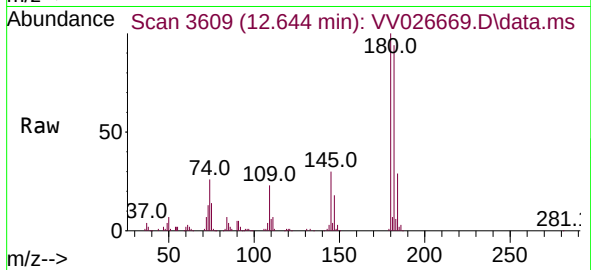
Ion Ratio Lower Upper

180 100

182 93.0 76.6 115.0

184 29.4 24.1 36.1

145 30.1 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 4.510 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026669.D

Acq: 07 Jul 2022 10:14

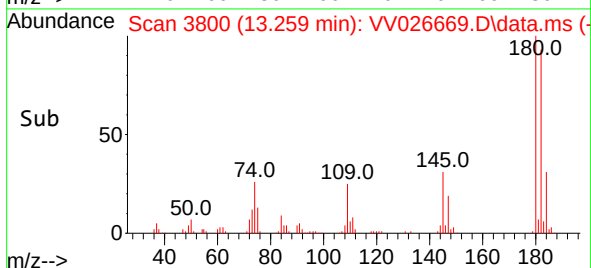
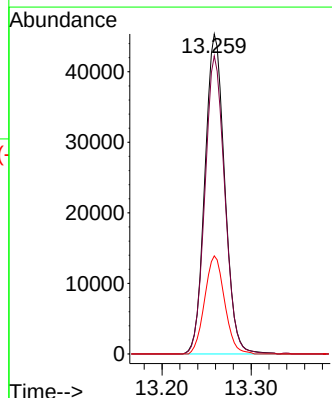
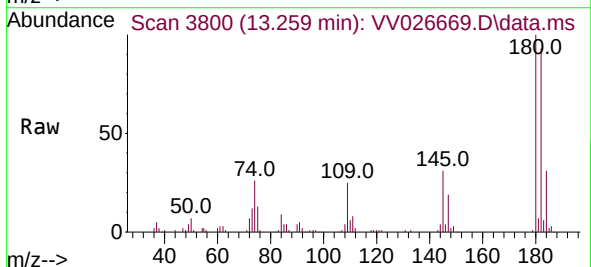
Tgt Ion:180 Resp: 69760

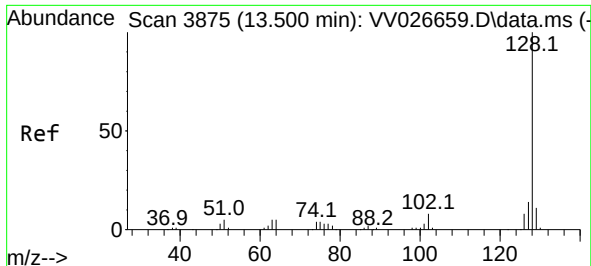
Ion Ratio Lower Upper

180 100

182 93.6 75.2 112.8

145 30.9 24.4 36.6

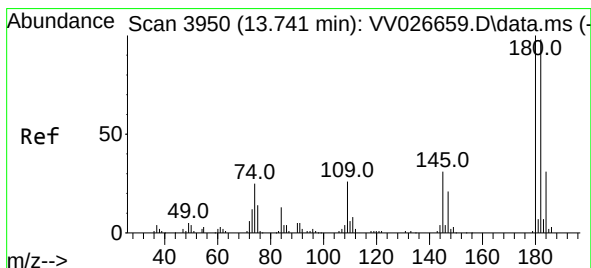
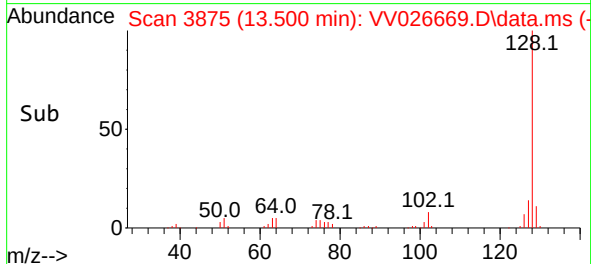
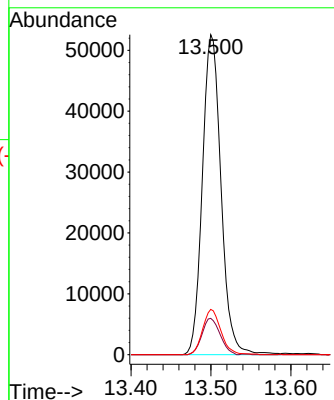
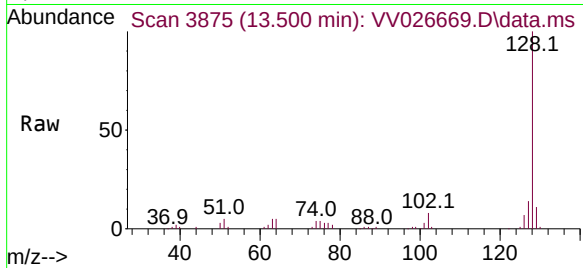




#71
Naphthalene
Concen: 4.234 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD005345

Tgt Ion:128 Resp: 85440
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.614 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026669.D
Acq: 07 Jul 2022 10:14

Tgt Ion:180 Resp: 58412
Ion Ratio Lower Upper
180 100
182 95.5 76.8 115.2
145 32.2 25.8 38.6

