

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010522\
 Data File : VW024284.D
 Acq On : 05 Jan 2022 17:43
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050378

Quant Time: Jan 06 01:01:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 00:59:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	274892	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	257137	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	145619	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	83770	42.343	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.680%
7) Chloroethane-d5	1.568	69	65138	43.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.680%
11) 1,1-Dichloroethene-d2	2.111	63	168079	45.458	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.920%
21) 2-Butanone-d5	3.883	46	99787	90.532	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.530%
24) Chloroform-d	4.349	84	168698	46.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	5.031	65	111272	45.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
32) Benzene-d6	5.050	84	312982	46.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	6.069	67	87073	46.302	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.600%
41) Toluene-d8	7.317	98	310391	47.775	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.560%
43) trans-1,3-Dichloroprop...	7.619	79	51106	47.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.380%
47) 2-Hexanone-d5	8.085	63	77818	95.246	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.250%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	121831	45.333	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.660%
66) 1,2-Dichlorobenzene-d4	11.622	152	134735	46.420	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	105278	47.471	ug/L	99
3) Chloromethane	1.243	50	89199	47.874	ug/L	98
5) Vinyl chloride	1.314	62	95724	48.555	ug/L	97
6) Bromomethane	1.526	94	63049	56.123	ug/L	100
8) Chloroethane	1.587	64	59058	48.533	ug/L	97
9) Trichlorofluoromethane	1.754	101	180071	50.814	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	91372	52.759	ug/L	99
12) 1,1-Dichloroethene	2.121	96	82118	49.043	ug/L	89
13) Acetone	2.175	43	117972	108.404	ug/L	100
14) Carbon disulfide	2.298	76	221525	45.565	ug/L	99
15) Methyl Acetate	2.433	43	75787	47.881	ug/L	99
16) Methylene chloride	2.510	84	96000	52.648	ug/L	97
17) trans-1,2-Dichloroethene	2.764	96	85098	49.320	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	282439	53.113	ug/L	99
19) 1,1-Dichloroethane	3.191	63	148573	51.915	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	94051	51.039	ug/L	98
22) 2-Butanone	3.966	43	119487	103.361	ug/L	99
23) Bromochloromethane	4.249	128	53442	50.332	ug/L	94
25) Chloroform	4.375	83	168764	50.437	ug/L	98

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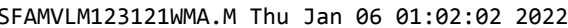
Instrument :
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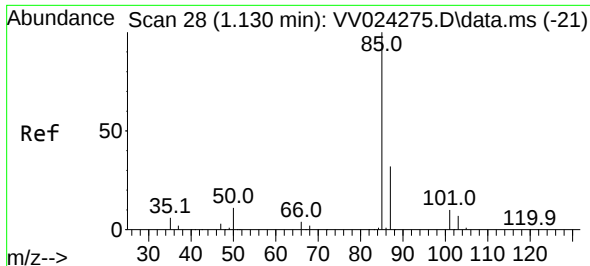
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	133774	49.154	ug/L	98
29) Cyclohexane	4.680	56	122600	53.337	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	164673	52.049	ug/L	99
31) Carbon tetrachloride	4.828	117	151217	51.519	ug/L	100
33) Benzene	5.098	78	342000	52.307	ug/L	100
34) Trichloroethene	5.915	95	94867	52.616	ug/L	99
35) Methylcyclohexane	6.130	83	145376	54.366	ug/L	100
37) 1,2-Dichloropropane	6.172	63	80131	52.106	ug/L	100
38) Bromodichloromethane	6.510	83	127373	52.781	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	134551	52.048	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	207443	103.444	ug/L	99
42) Toluene	7.387	91	388874	52.984	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	140189	53.459	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	89357	51.830	ug/L	98
46) Tetrachloroethene	7.976	164	86121	52.478	ug/L	99
48) 2-Hexanone	8.137	43	172248	106.940	ug/L	99
49) Dibromochloromethane	8.246	129	109567	50.701	ug/L	99
50) 1,2-Dibromoethane	8.352	107	96071	51.881	ug/L	99
51) Chlorobenzene	8.879	112	258553	52.302	ug/L	99
52) Ethylbenzene	9.011	91	423247	53.980	ug/L	100
53) m,p-Xylene	9.137	106	171029	54.418	ug/L	100
54) o-Xylene	9.542	106	164619	54.870	ug/L	98
55) Styrene	9.558	104	284087	54.527	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	125161	49.718	ug/L	99
59) Bromoform	9.731	173	80421	48.433	ug/L	99
60) Isopropylbenzene	9.931	105	443005	54.978	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	104251	48.755	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	385341	55.594	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	393169	56.818	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	224290	53.984	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	224620	52.424	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	222978	52.074	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	28103	45.633	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	174221	54.517	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	148063	54.174	ug/L	99
71) Naphthalene	13.500	128	436860	55.247	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	152872	54.119	ug/L	99

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

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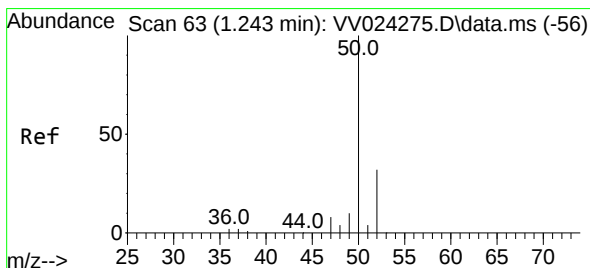
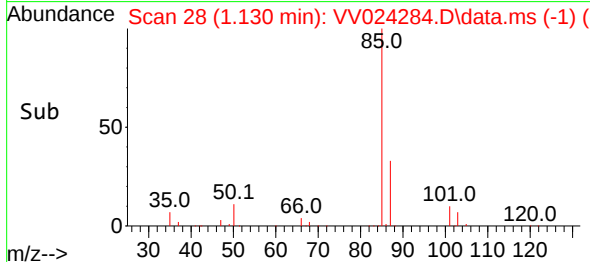
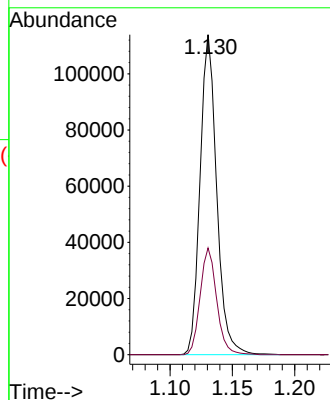
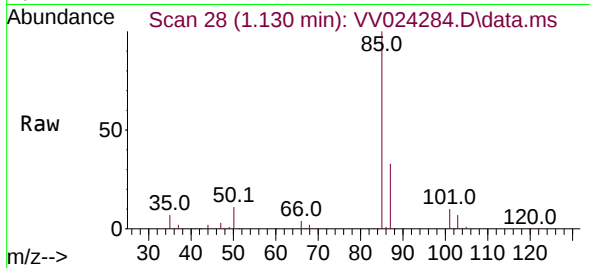




#2
 Dichlorodifluoromethane
 Concen: 47.471 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024284.D
 Acq: 05 Jan 2022 17:43

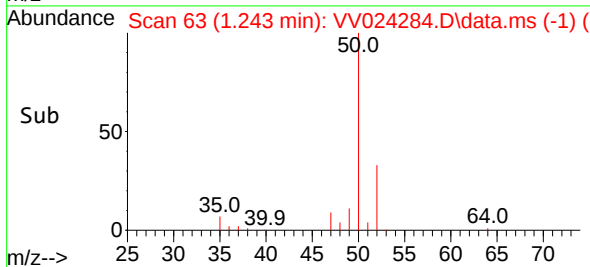
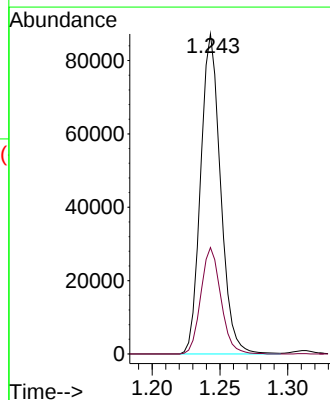
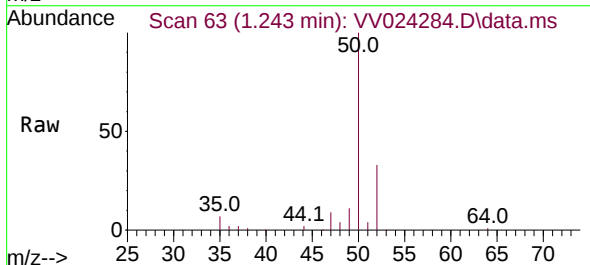
Instrument :
 MSVOA_V
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 VSTD050378

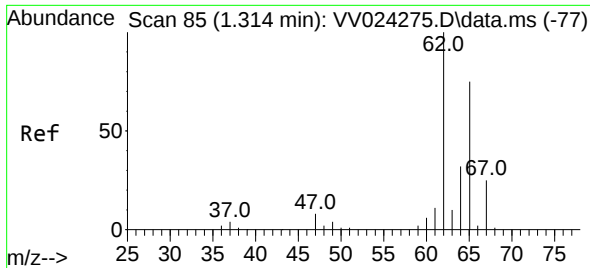
Tgt Ion: 85 Resp: 105278
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.8



#3
 Chloromethane
 Concen: 47.874 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024284.D
 Acq: 05 Jan 2022 17:43

Tgt Ion: 50 Resp: 89199
 Ion Ratio Lower Upper
 50 100
 52 33.2 24.1 44.7

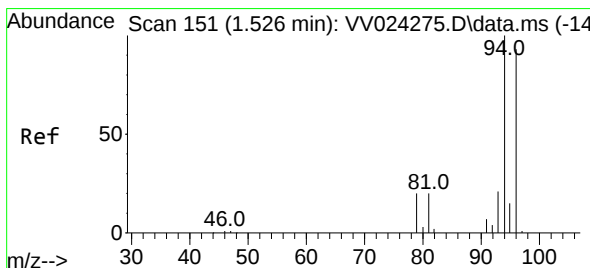
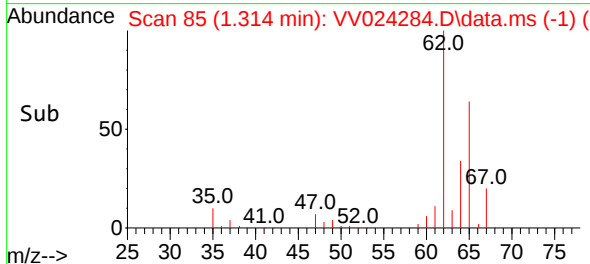
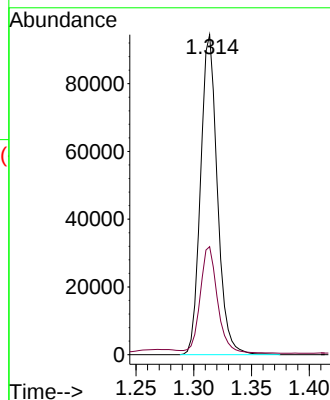
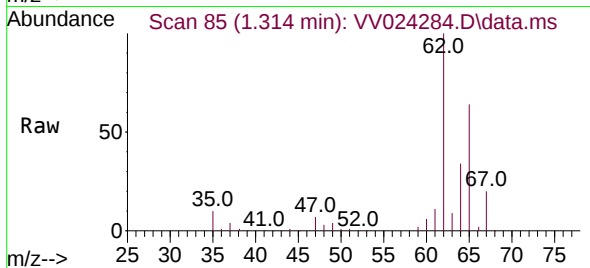




#5
 Vinyl chloride
 Concen: 48.555 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV024284.D
 Acq: 05 Jan 2022 17:43

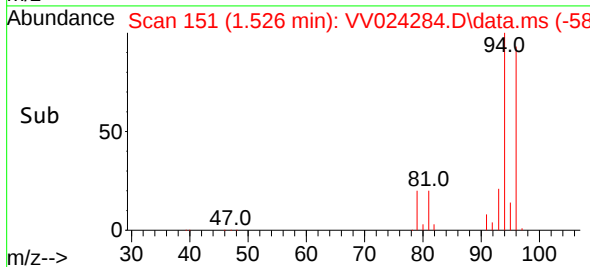
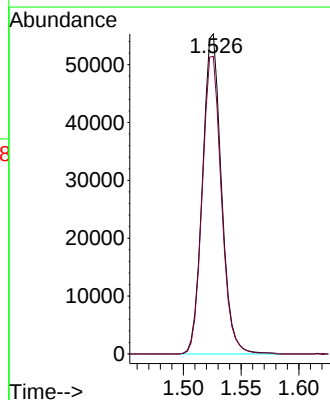
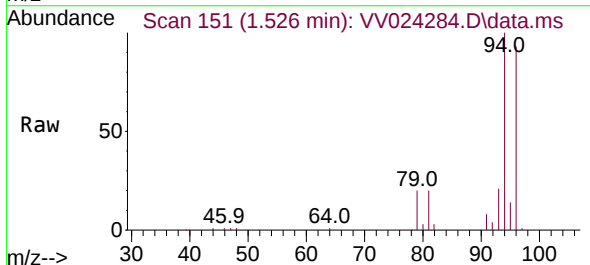
Instrument :
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 ClientSampleId :
 VSTD050378

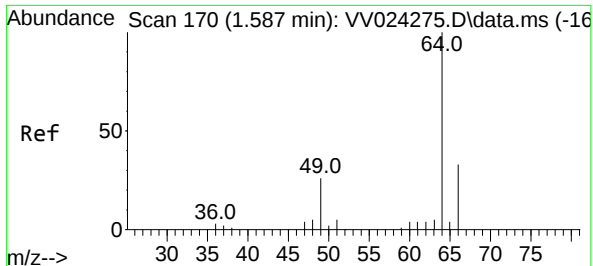
Tgt Ion: 62 Resp: 95724
 Ion Ratio Lower Upper
 62 100
 64 33.8 25.0 46.4



#6
 Bromomethane
 Concen: 56.123 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV024284.D
 Acq: 05 Jan 2022 17:43

Tgt Ion: 94 Resp: 63049
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.0 120.6

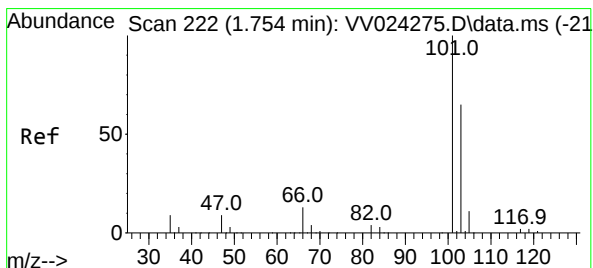
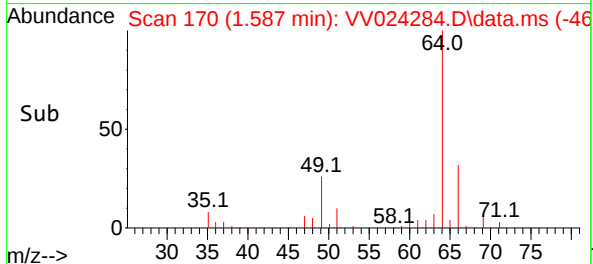
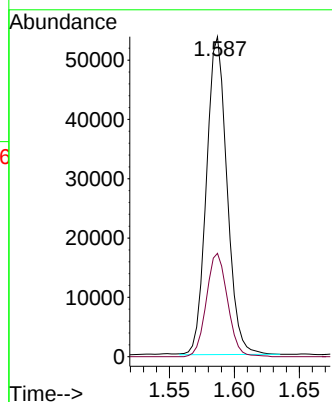
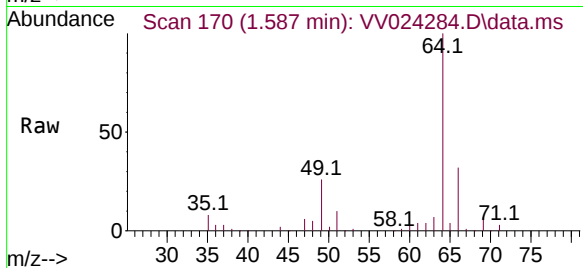




#8
Chloroethane
Concen: 48.533 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

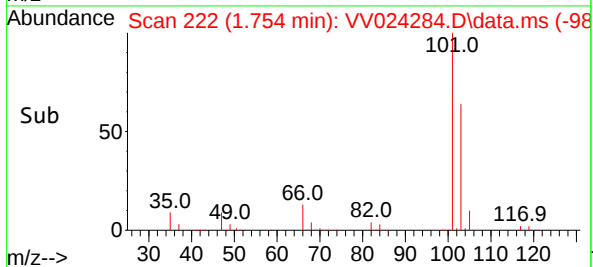
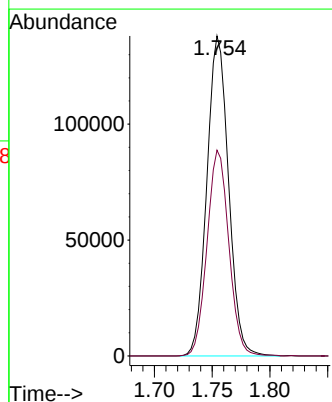
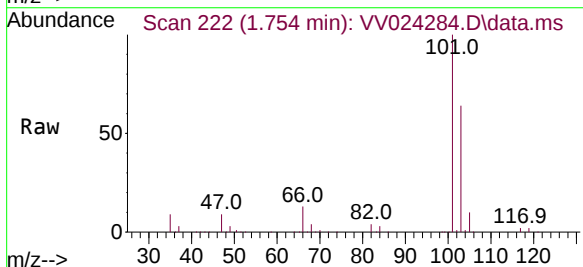
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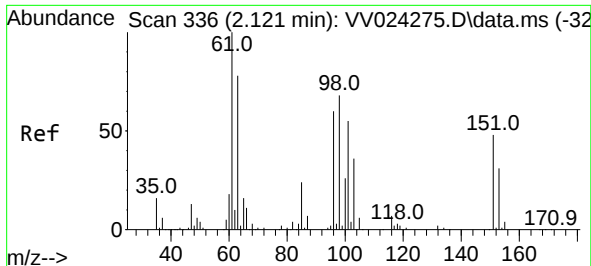
Tgt Ion: 64 Resp: 59058
Ion Ratio Lower Upper
64 100
66 32.3 21.4 39.8



#9
Trichlorofluoromethane
Concen: 50.814 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

Tgt Ion:101 Resp: 180071
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 52.759 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD050378

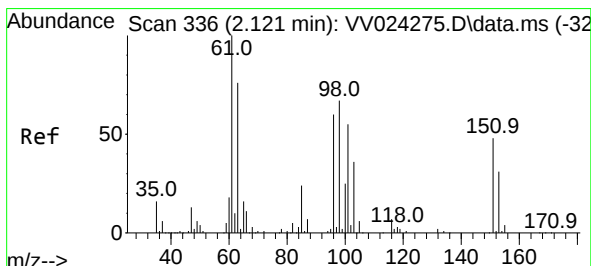
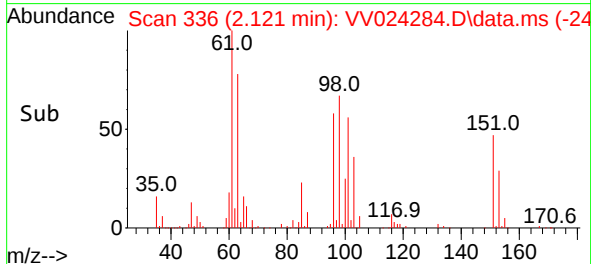
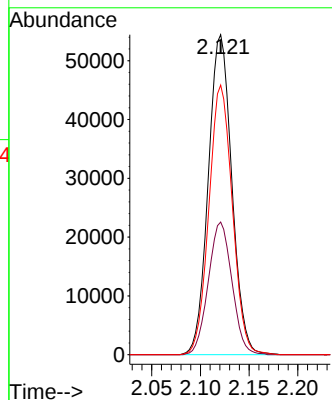
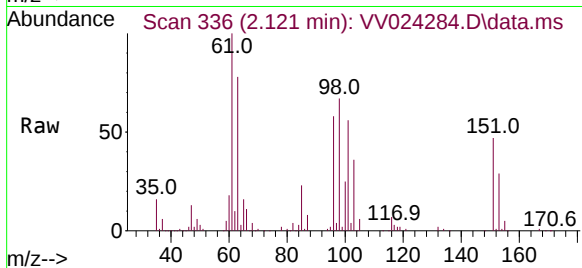
Tgt Ion:101 Resp: 91372

Ion Ratio Lower Upper

101 100

85 41.6 35.3 52.9

151 84.0 67.1 100.7



#12

1,1-Dichloroethene

Concen: 49.043 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

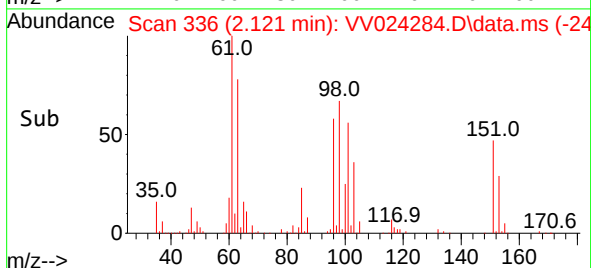
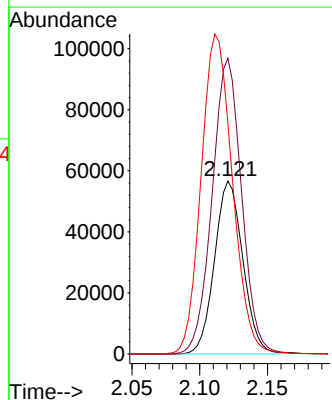
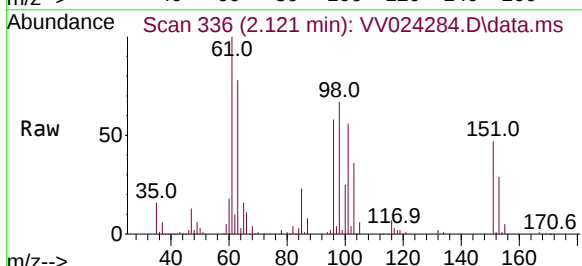
Tgt Ion: 96 Resp: 82118

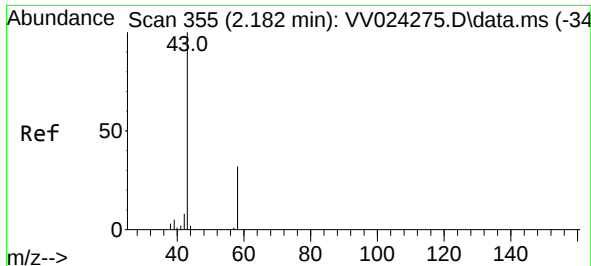
Ion Ratio Lower Upper

96 100

61 171.0 111.9 207.9

63 133.4 82.7 153.5





#13

Acetone

Concen: 108.404 ug/L

RT: 2.175 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

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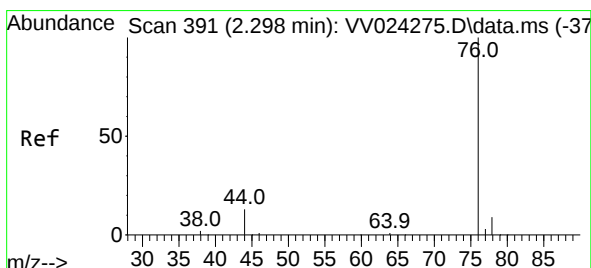
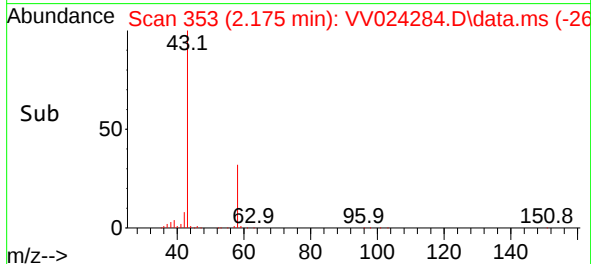
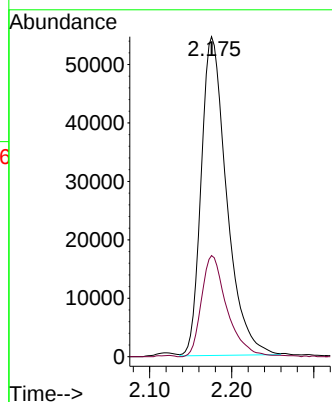
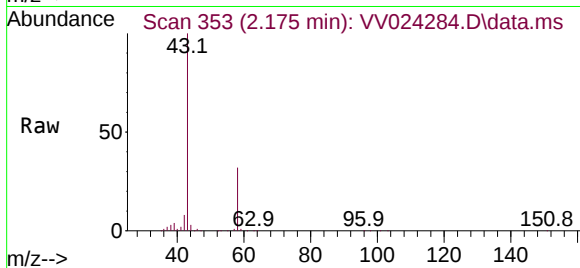
VSTD050378

Tgt Ion: 43 Resp: 117972

Ion Ratio Lower Upper

43 100

58 31.6 0.0 63.0



#14

Carbon disulfide

Concen: 45.565 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV024284.D

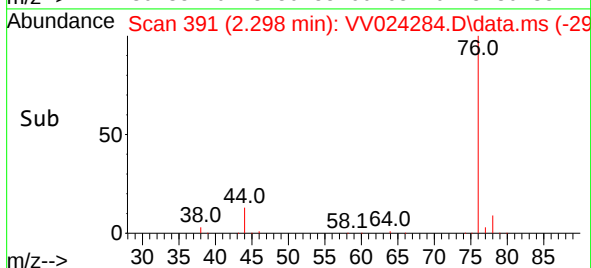
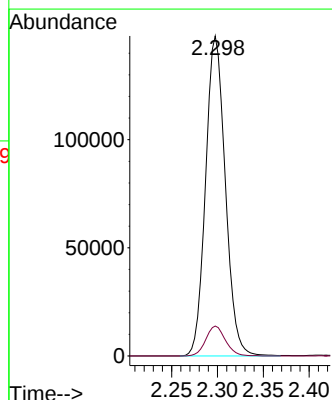
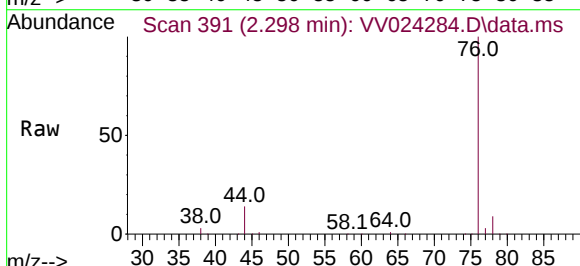
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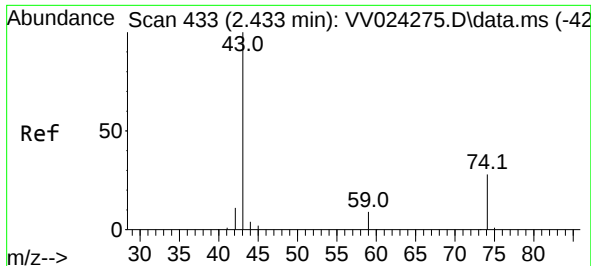
Tgt Ion: 76 Resp: 221525

Ion Ratio Lower Upper

76 100

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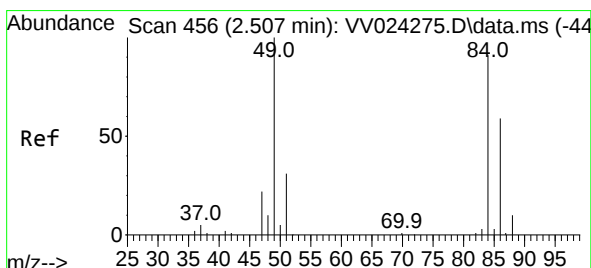
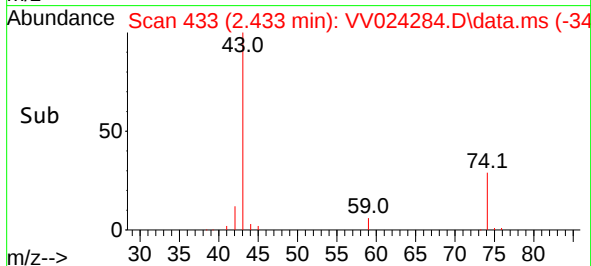
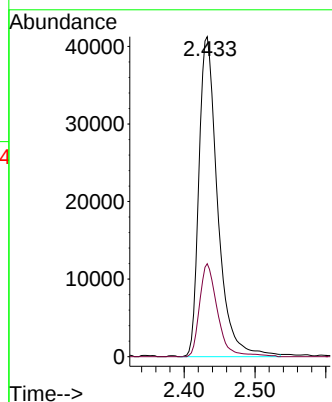
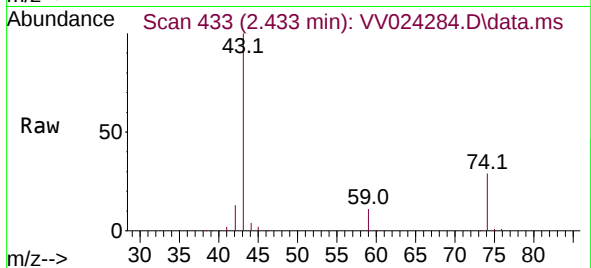




#15
Methyl Acetate
Concen: 47.881 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

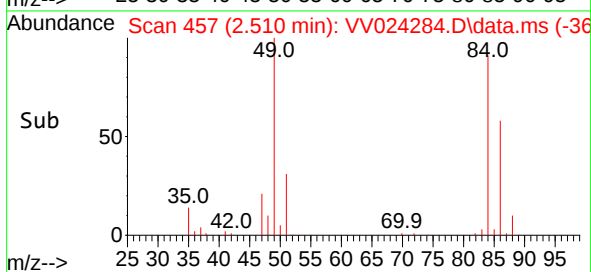
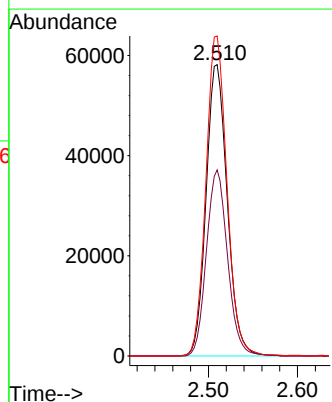
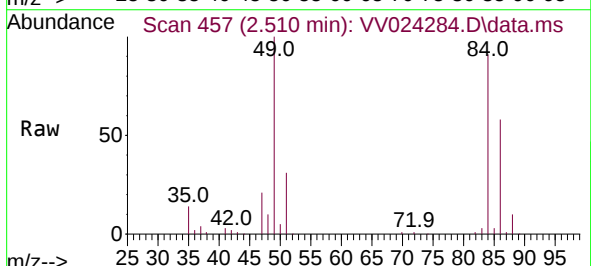
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

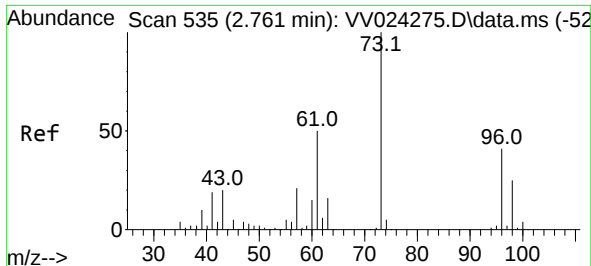
Tgt Ion: 43 Resp: 75787
Ion Ratio Lower Upper
43 100
74 27.8 21.8 32.8



#16
Methylene chloride
Concen: 52.648 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

Tgt Ion: 84 Resp: 96000
Ion Ratio Lower Upper
84 100
86 63.9 46.8 86.8
49 109.8 78.3 145.3

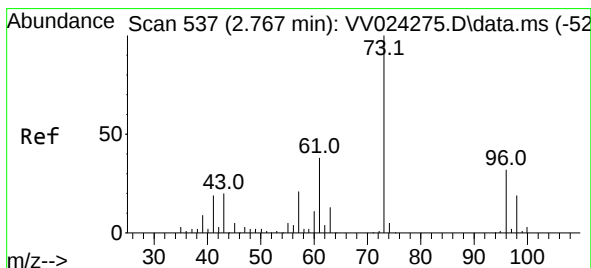
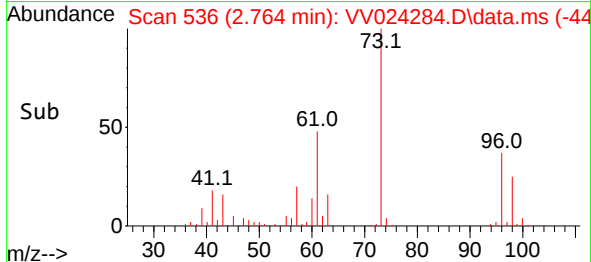
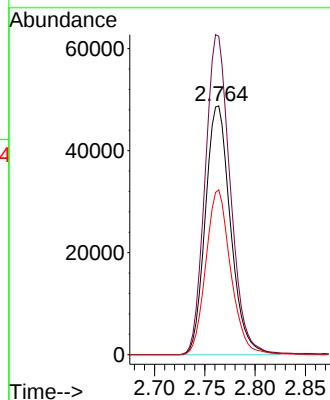
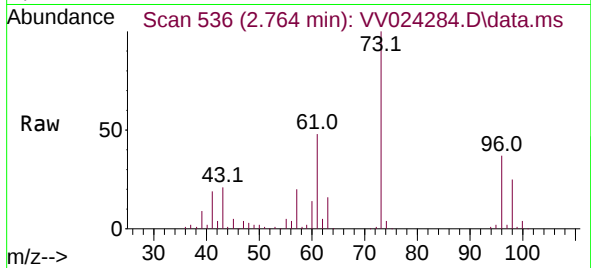




#17
trans-1,2-Dichloroethene
Concen: 49.320 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

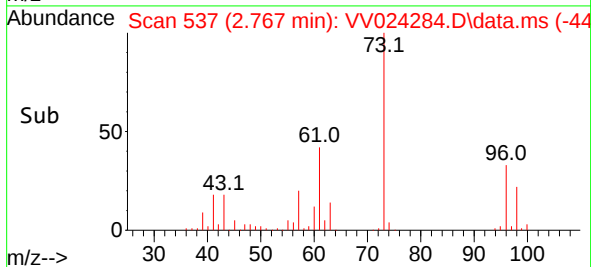
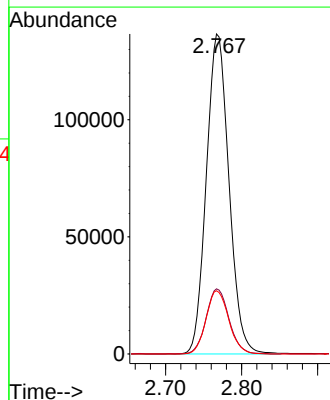
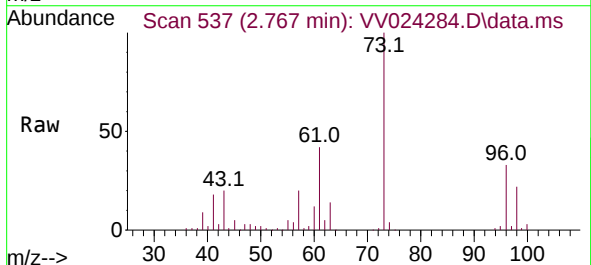
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

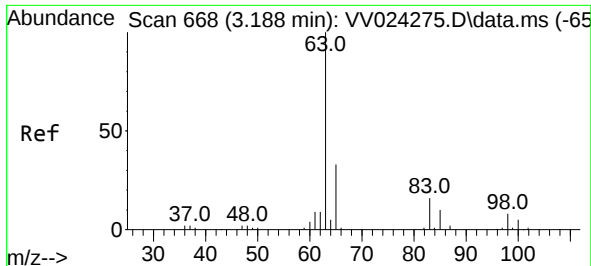
Tgt Ion: 96 Resp: 85098
Ion Ratio Lower Upper
96 100
61 128.0 88.1 163.7
98 66.3 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 53.113 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

Tgt Ion: 73 Resp: 282439
Ion Ratio Lower Upper
73 100
43 20.6 16.2 24.2
57 19.8 15.9 23.9





#19

1,1-Dichloroethane

Concen: 51.915 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD050378

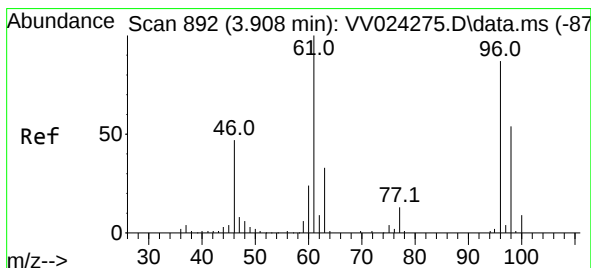
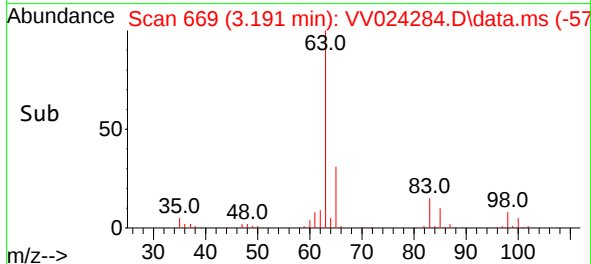
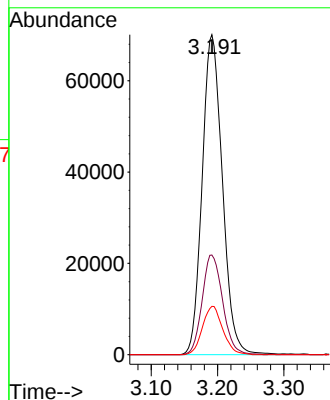
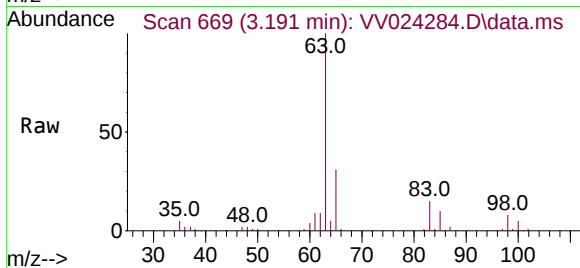
Tgt Ion: 63 Resp: 148573

Ion Ratio Lower Upper

63 100

65 31.2 22.4 41.6

83 15.1 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 51.039 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

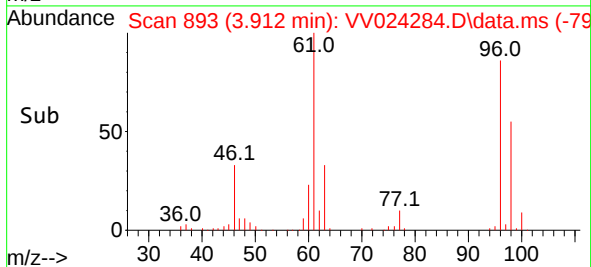
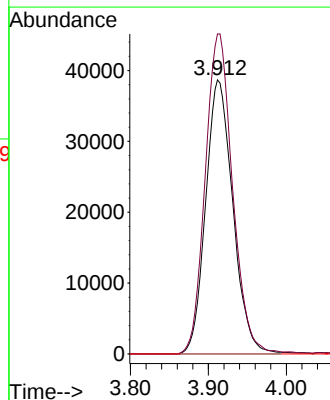
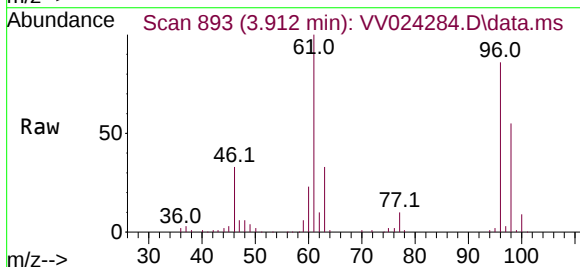
Tgt Ion: 96 Resp: 94051

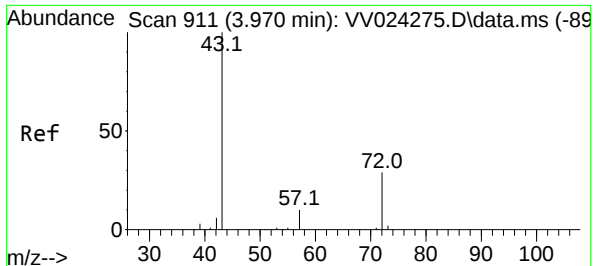
Ion Ratio Lower Upper

96 100

61 116.7 82.9 153.9

68 0.0 0.0 0.0

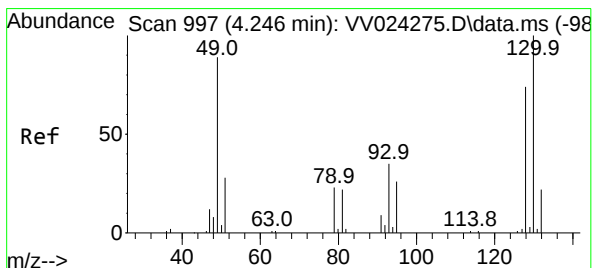
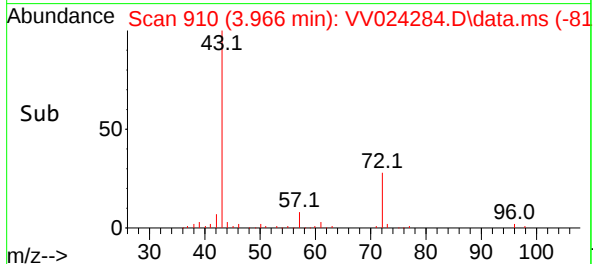
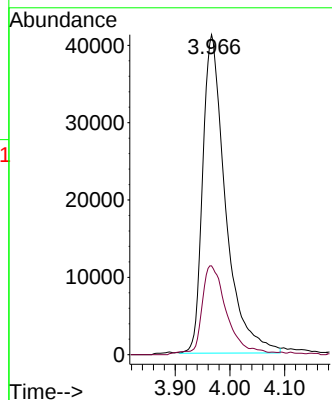
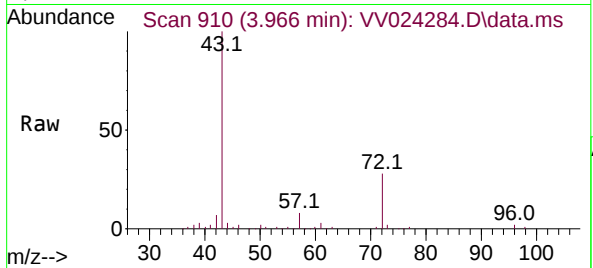




#22
2-Butanone
Concen: 103.361 ug/L
RT: 3.966 min Scan# 911
Delta R.T. -0.003 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

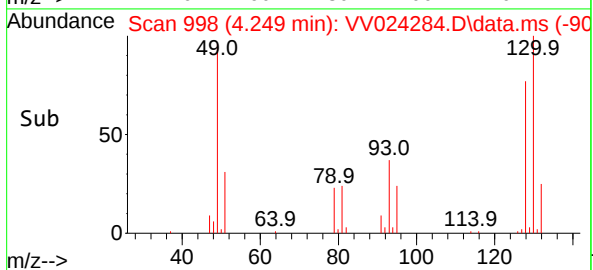
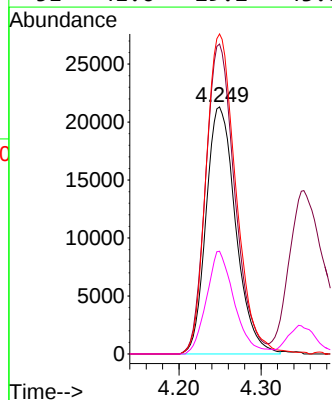
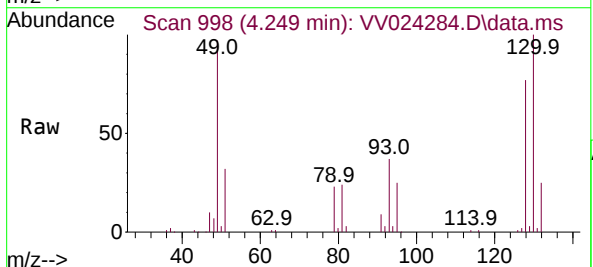
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

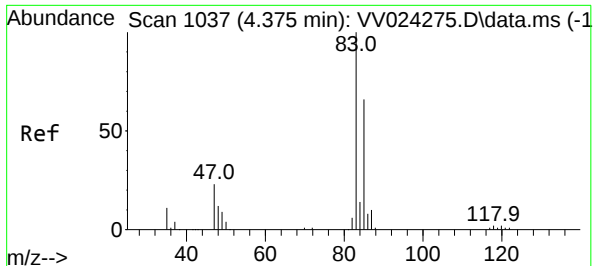
Tgt Ion: 43 Resp: 119487
Ion Ratio Lower Upper
43 100
72 29.3 14.9 44.9



#23
Bromochloromethane
Concen: 50.332 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

Tgt Ion: 128 Resp: 53442
Ion Ratio Lower Upper
128 100
49 125.5 83.1 154.3
130 129.6 87.0 161.6
51 41.6 29.2 43.8

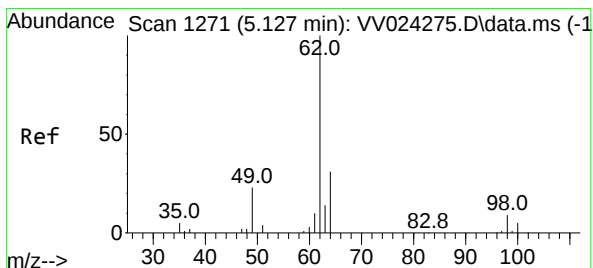
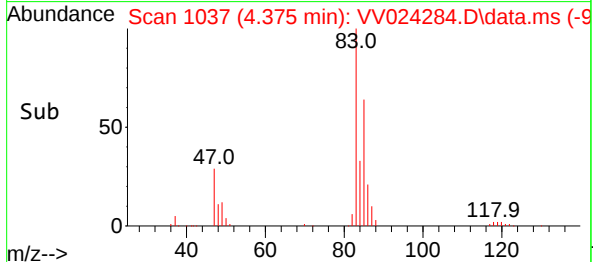
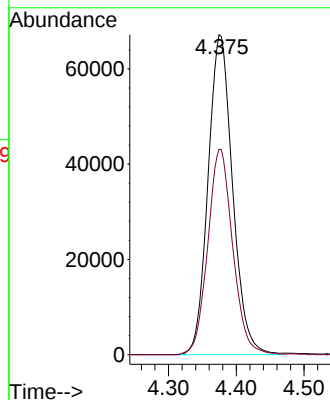
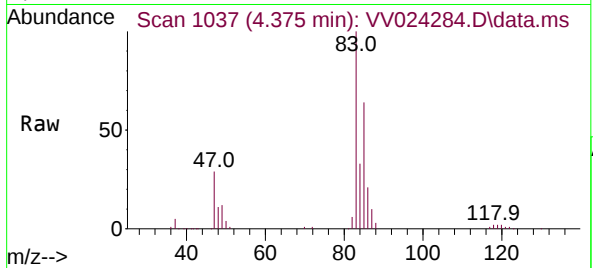




#25
Chloroform
Concen: 50.437 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

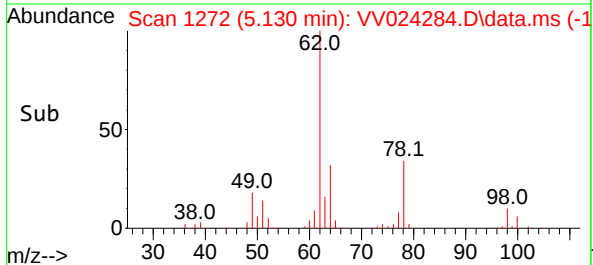
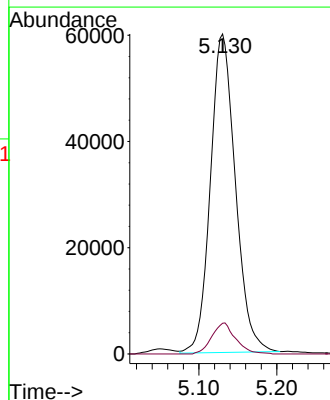
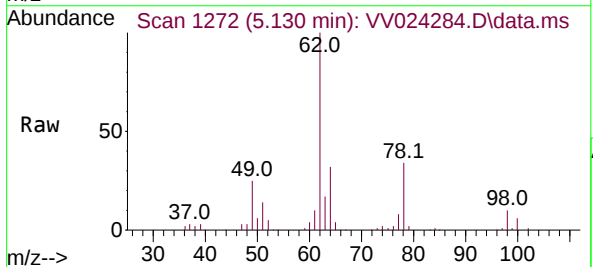
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

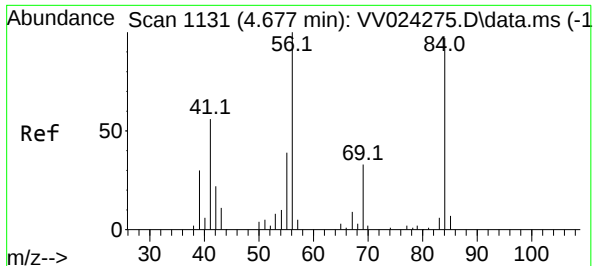
Tgt Ion: 83 Resp: 168764
Ion Ratio Lower Upper
83 100
85 64.3 46.3 85.9



#27
1,2-Dichloroethane
Concen: 49.154 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

Tgt Ion: 62 Resp: 133774
Ion Ratio Lower Upper
62 100
98 9.6 7.1 10.7

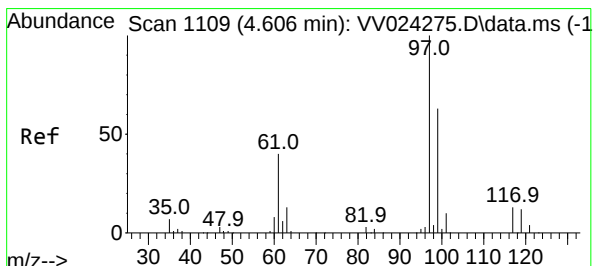
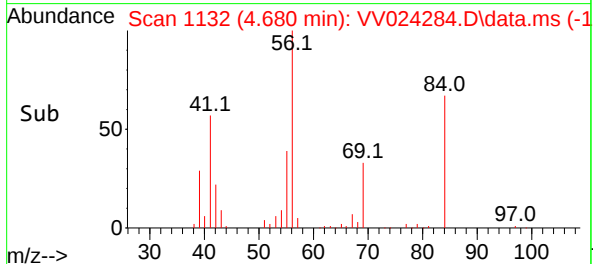
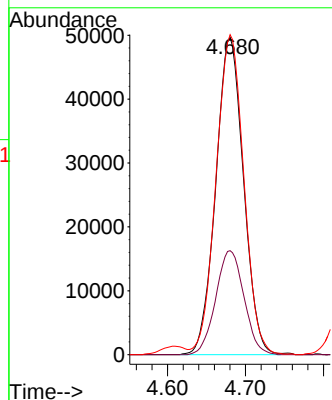
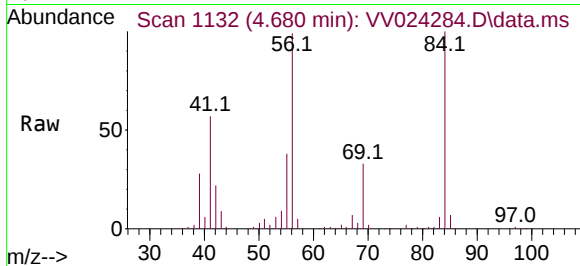




#29
Cyclohexane
Concen: 53.337 ug/L
RT: 4.680 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

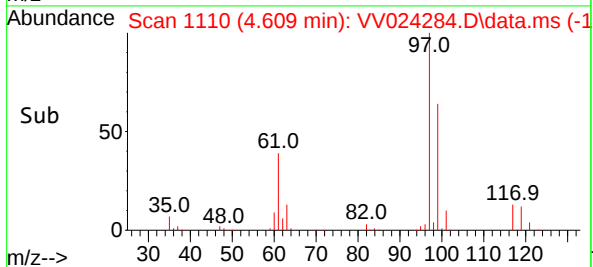
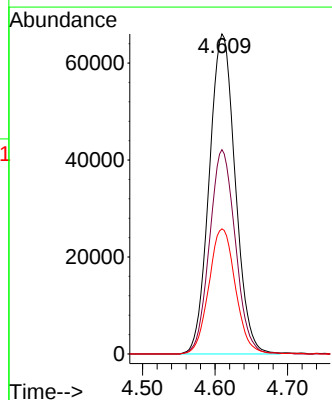
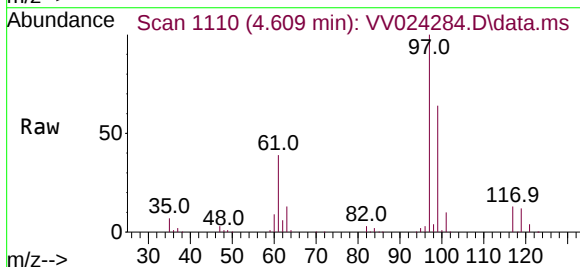
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

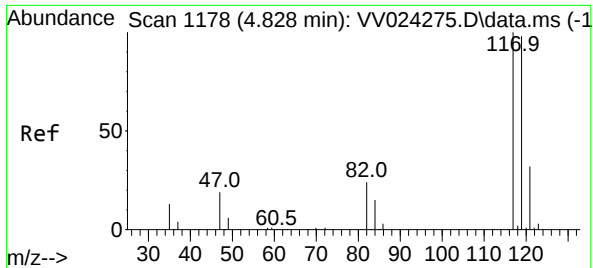
Tgt Ion: 56 Resp: 122600
Ion Ratio Lower Upper
56 100
69 33.4 25.8 38.6
84 101.3 79.1 118.7



#30
1,1,1-Trichloroethane
Concen: 52.049 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

Tgt Ion: 97 Resp: 164673
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 39.9 33.2 49.8

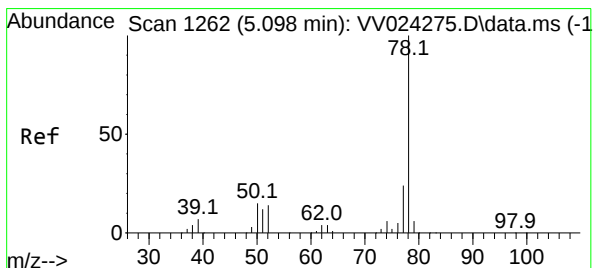
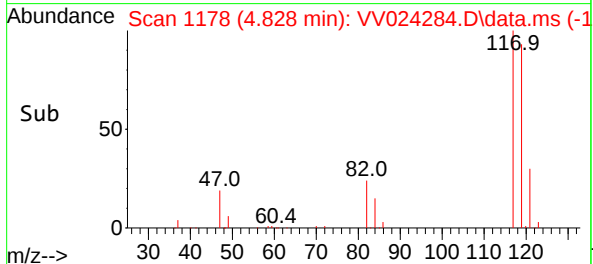
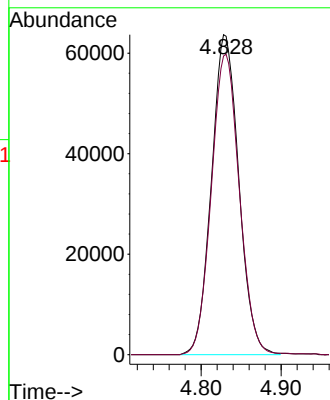
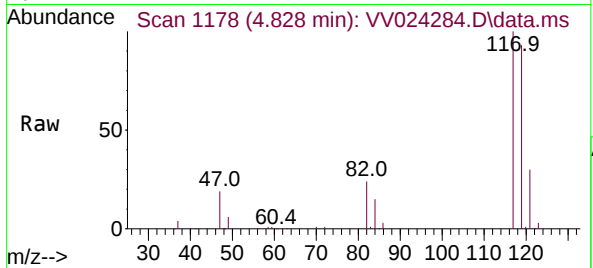




#31
Carbon tetrachloride
Concen: 51.519 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

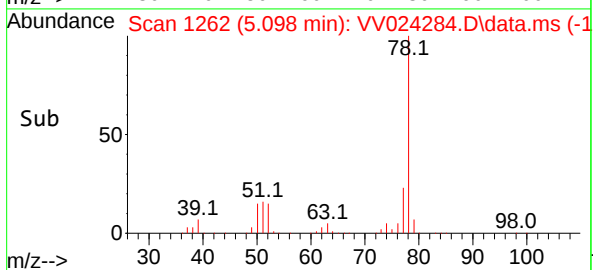
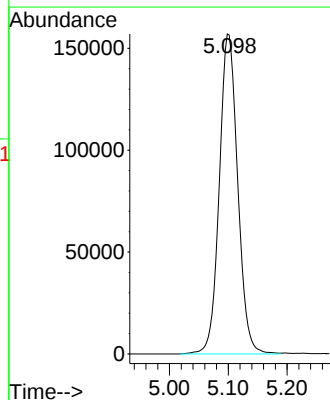
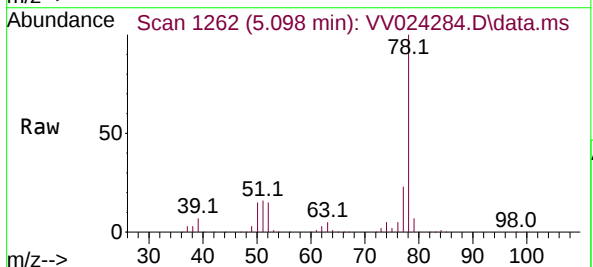
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

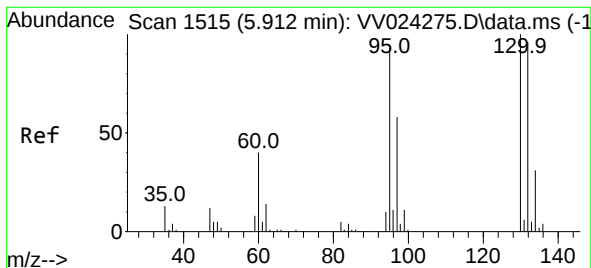
Tgt Ion:117 Resp: 151217
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 52.307 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

Tgt Ion: 78 Resp: 342000





#34

Trichloroethene

Concen: 52.616 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD050378

Tgt Ion: 95 Resp: 94867

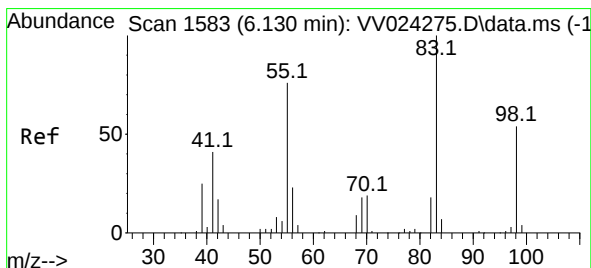
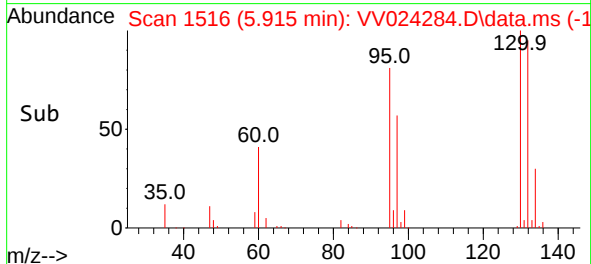
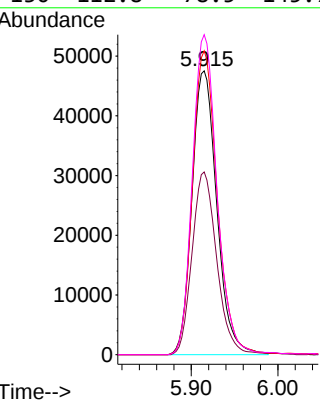
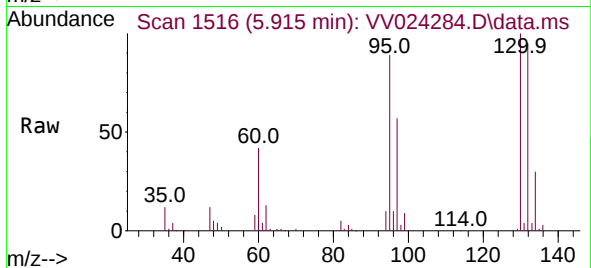
Ion Ratio Lower Upper

95 100

97 64.4 44.1 81.9

132 107.1 75.1 139.5

130 112.8 78.5 145.7



#35

Methylcyclohexane

Concen: 54.366 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

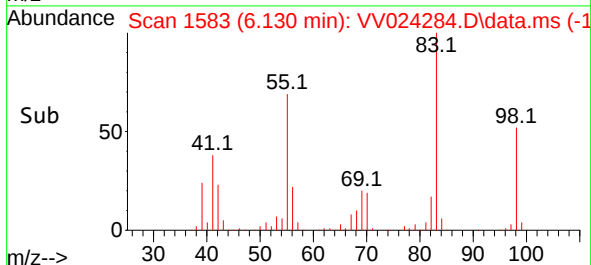
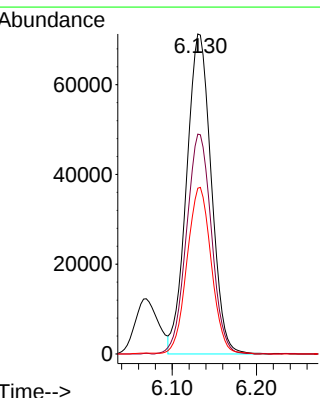
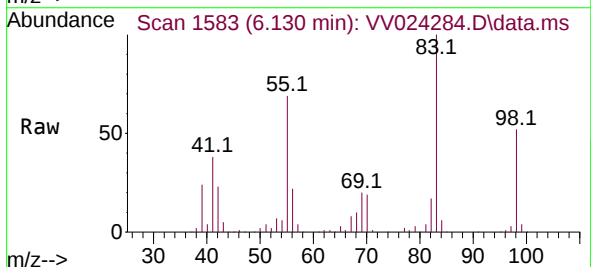
Tgt Ion: 83 Resp: 145376

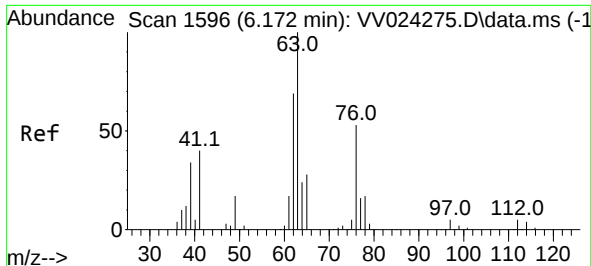
Ion Ratio Lower Upper

83 100

55 69.6 55.6 83.4

98 51.4 41.3 61.9





#37

1,2-Dichloropropane

Concen: 52.106 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

Instrument :

MSVOA_V

ClientSampleId :

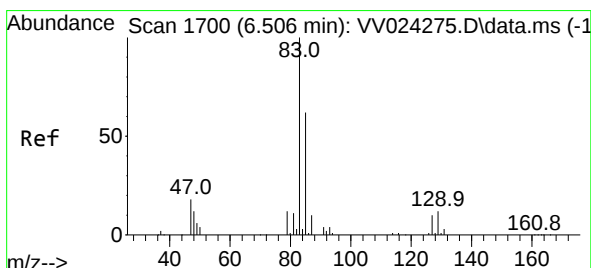
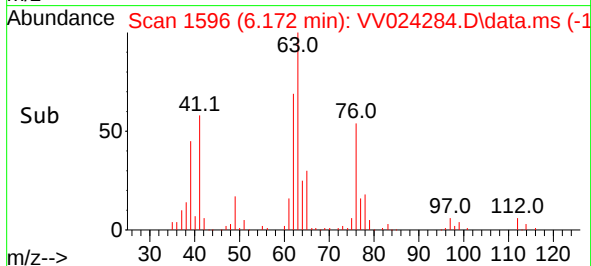
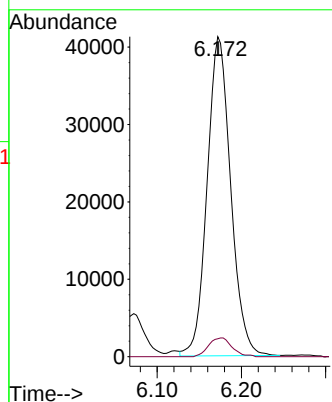
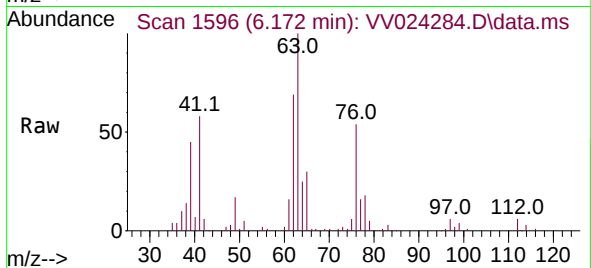
VSTD050378

Tgt Ion: 63 Resp: 80131

Ion Ratio Lower Upper

63 100

112 5.7 4.7 7.1



#38

Bromodichloromethane

Concen: 52.781 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

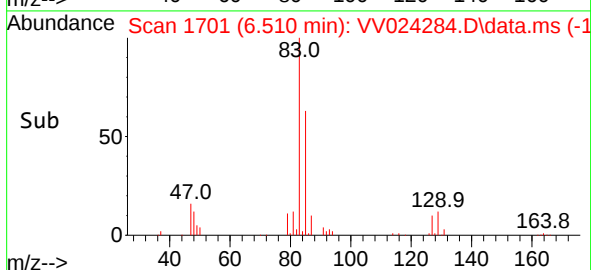
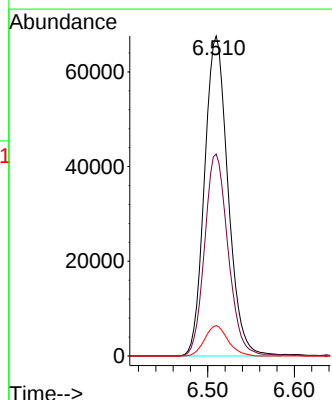
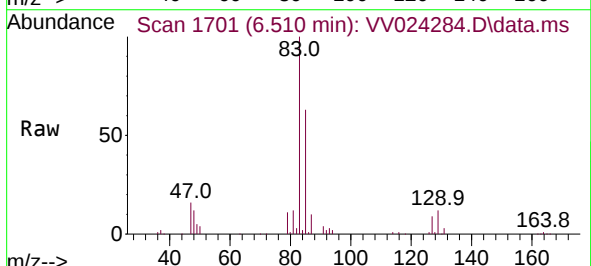
Tgt Ion: 83 Resp: 127373

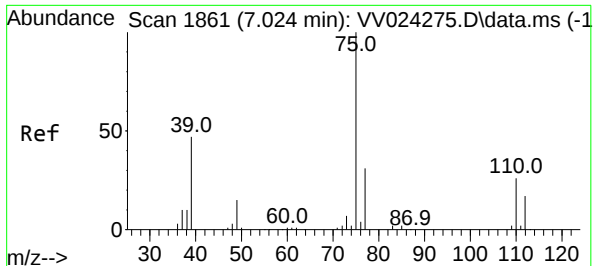
Ion Ratio Lower Upper

83 100

85 63.1 45.2 84.0

127 9.5 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 52.048 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

Instrument :

MSVOA_V

ClientSampleId :

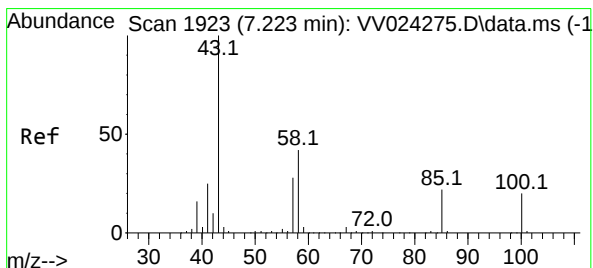
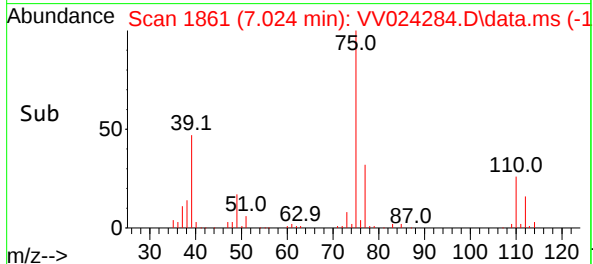
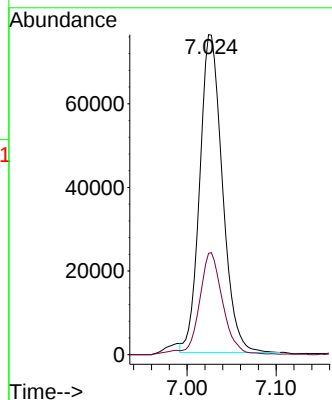
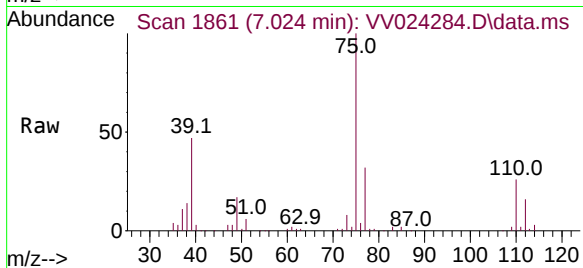
VSTD050378

Tgt Ion: 75 Resp: 134551

Ion Ratio Lower Upper

75 100

77 31.6 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 103.444 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

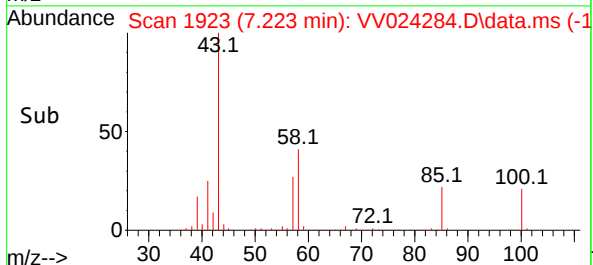
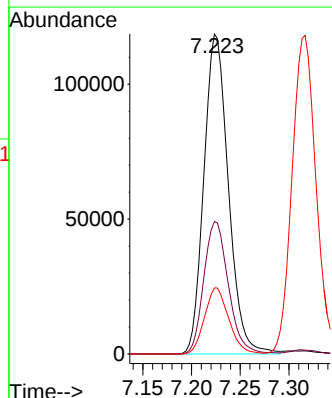
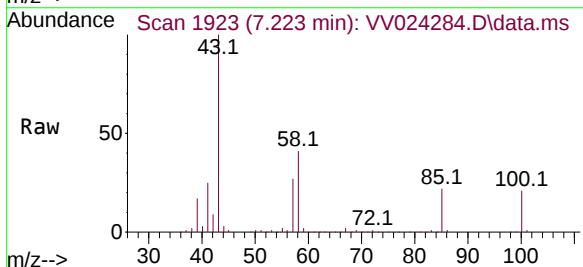
Tgt Ion: 43 Resp: 207443

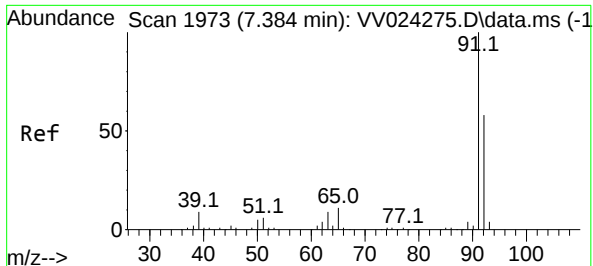
Ion Ratio Lower Upper

43 100

58 41.6 33.0 49.4

100 20.5 16.0 24.0





#42

Toluene

Concen: 52.984 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

Instrument :

MSVOA_V

ClientSampleId :

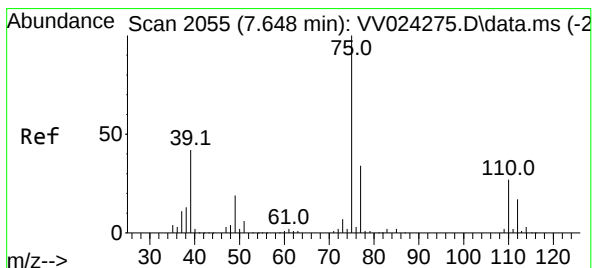
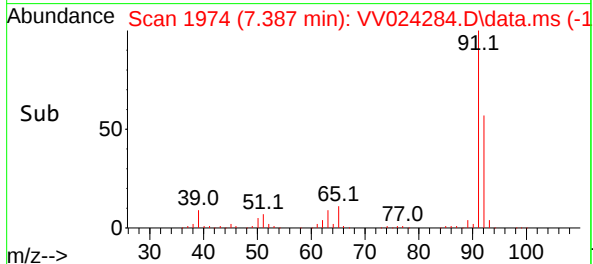
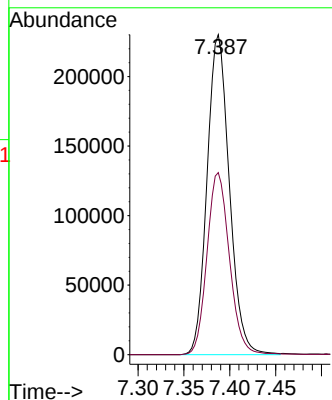
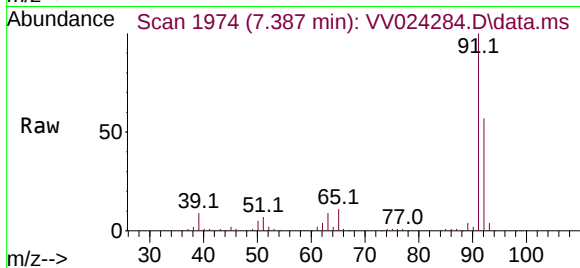
VSTD050378

Tgt Ion: 91 Resp: 388874

Ion Ratio Lower Upper

91 100

92 56.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 53.459 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024284.D

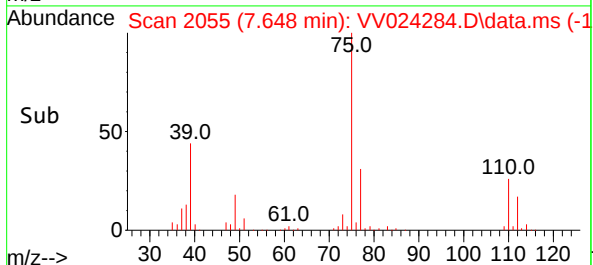
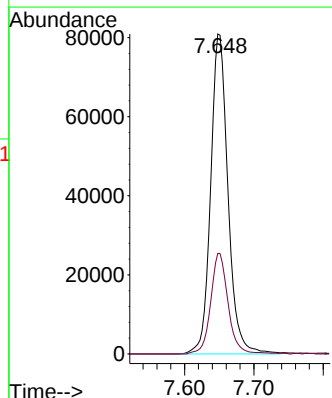
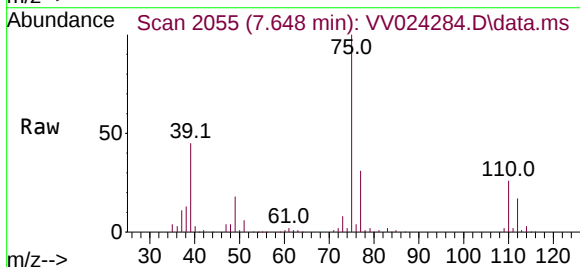
Acq: 05 Jan 2022 17:43

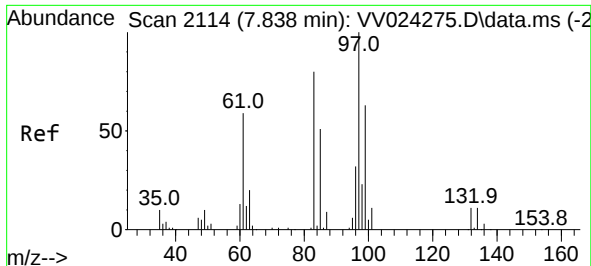
Tgt Ion: 75 Resp: 140189

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 51.830 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD050378

Tgt Ion: 97 Resp: 89357

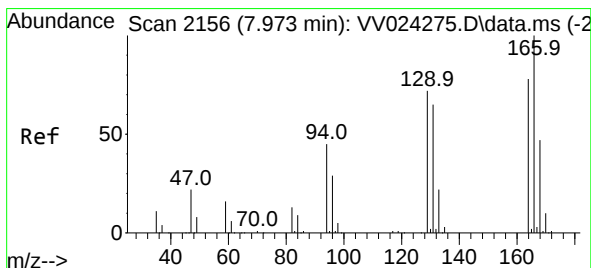
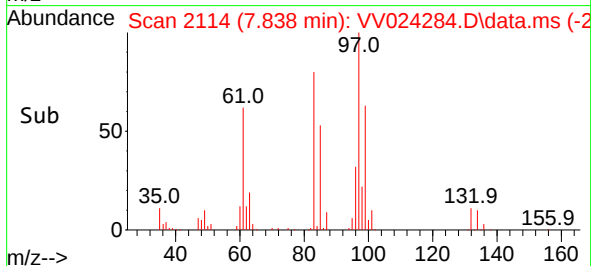
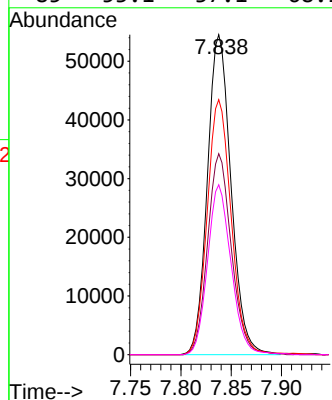
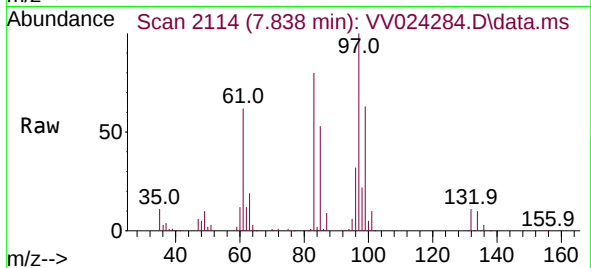
Ion Ratio Lower Upper

97 100

99 62.8 42.4 78.8

83 79.7 57.9 107.5

85 53.1 37.1 68.9



#46

Tetrachloroethene

Concen: 52.478 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

Tgt Ion:164 Resp: 86121

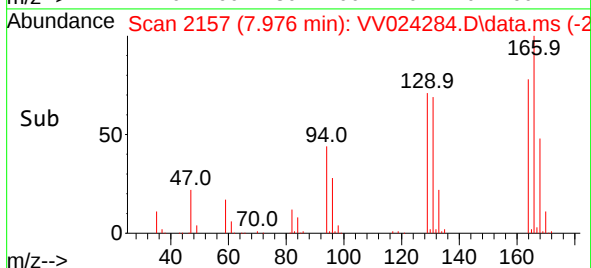
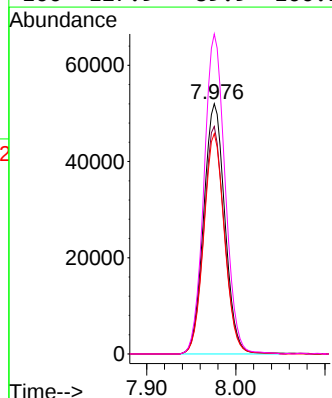
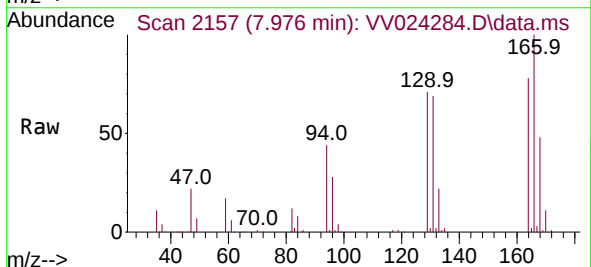
Ion Ratio Lower Upper

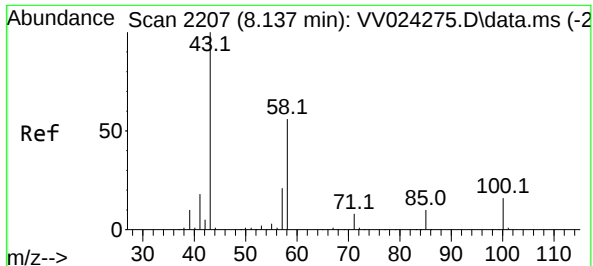
164 100

129 90.9 61.5 114.1

131 88.0 62.2 115.4

166 127.9 89.9 166.9



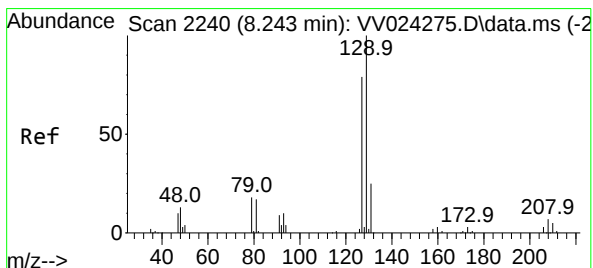
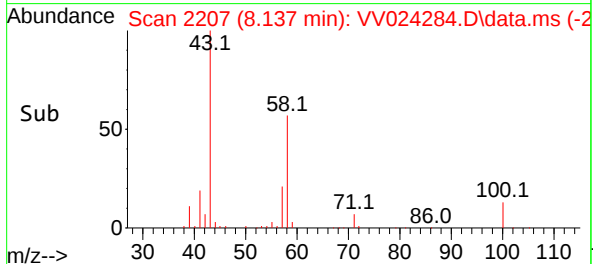
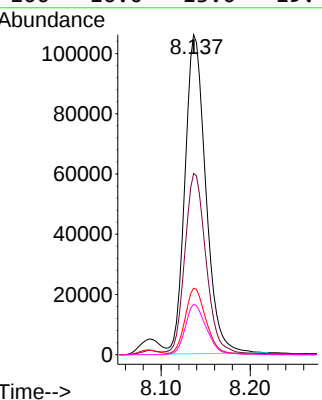
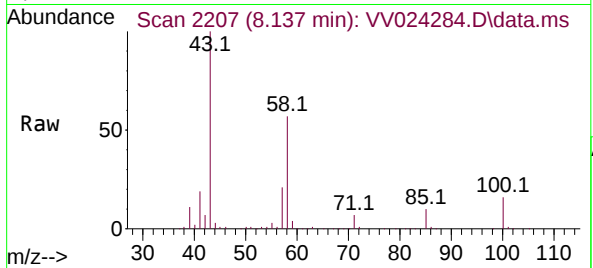


#48
2-Hexanone
Concen: 106.940 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

Tgt Ion: 43 Resp: 172248

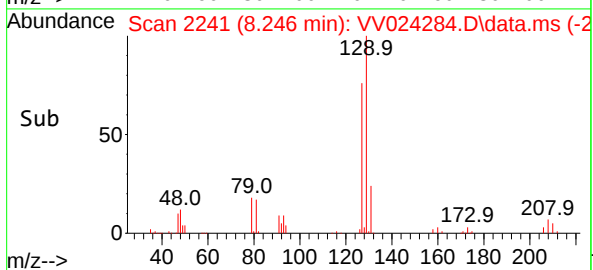
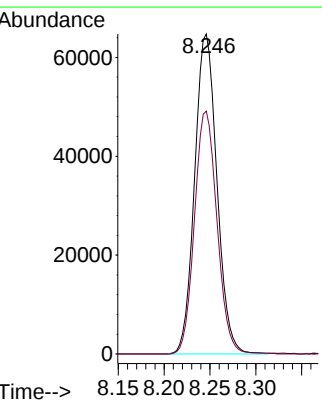
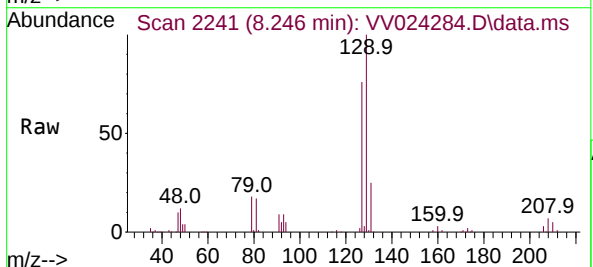
Ion	Ratio	Lower	Upper
43	100		
58	57.5	45.0	67.4
57	21.3	16.9	25.3
100	16.0	13.0	19.4

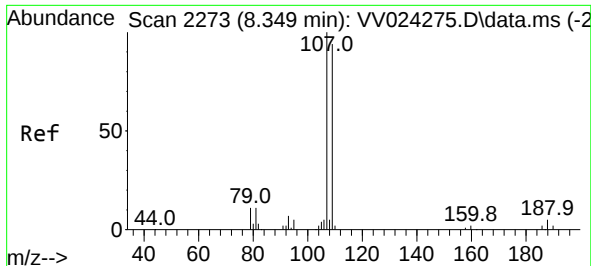


#49
Dibromochloromethane
Concen: 50.701 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

Tgt Ion: 129 Resp: 109567

Ion	Ratio	Lower	Upper
129	100		
127	75.9	53.7	99.7





#50

1,2-Dibromoethane

Concen: 51.881 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD050378

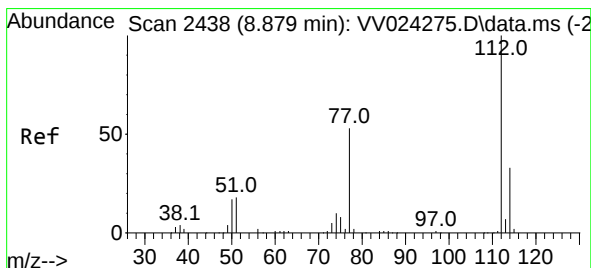
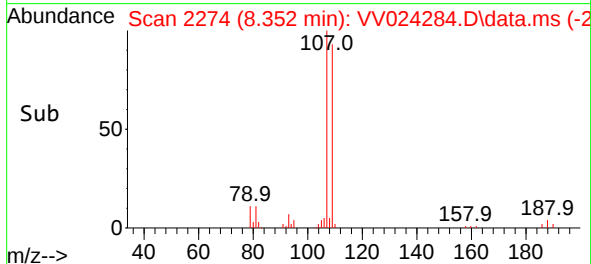
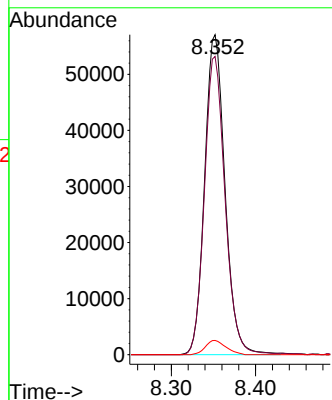
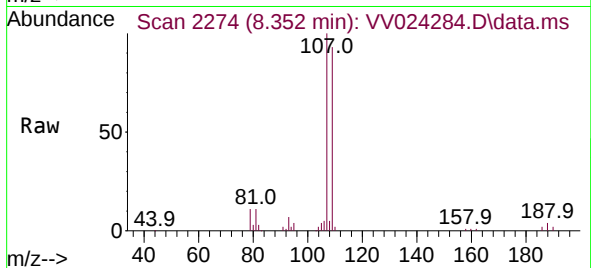
Tgt Ion:107 Resp: 96071

Ion Ratio Lower Upper

107 100

109 93.2 65.8 122.2

188 4.4 3.8 5.6



#51

Chlorobenzene

Concen: 52.302 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

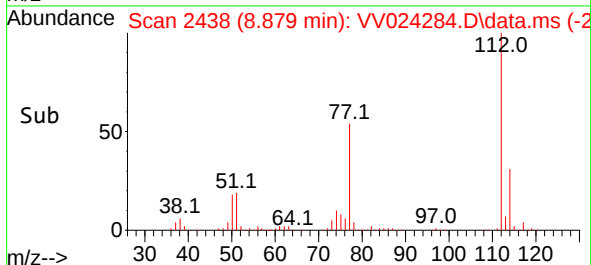
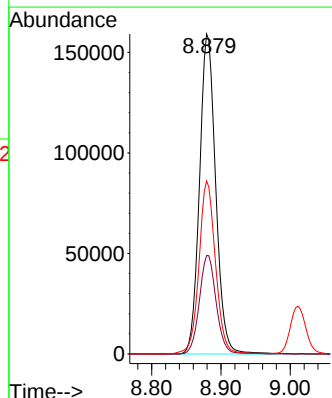
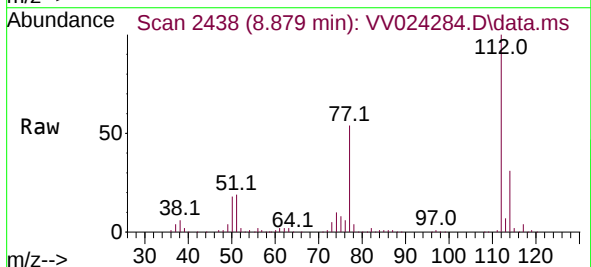
Tgt Ion:112 Resp: 258553

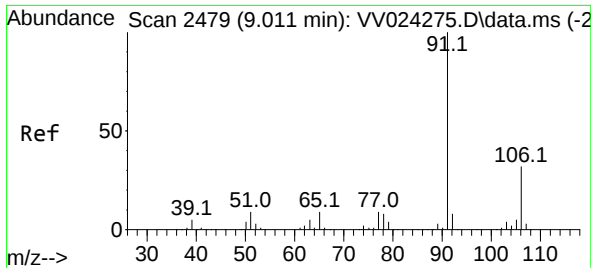
Ion Ratio Lower Upper

112 100

114 30.8 22.3 41.5

77 54.0 42.8 64.2

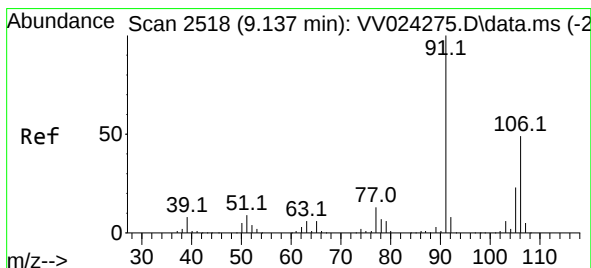
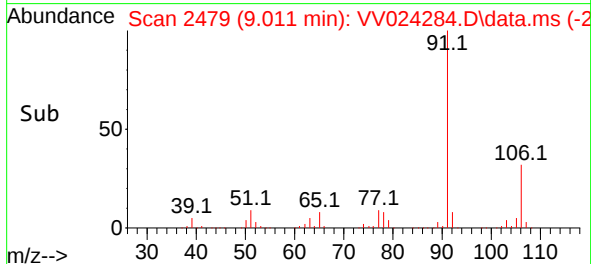
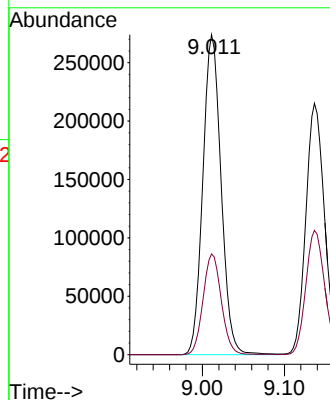
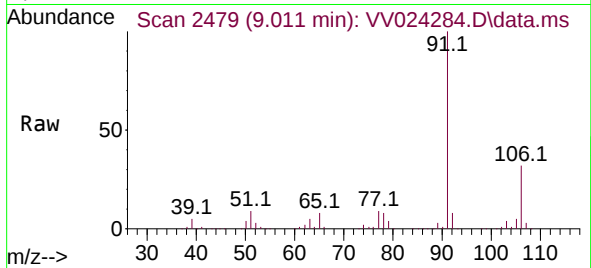




#52
Ethylbenzene
Concen: 53.980 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

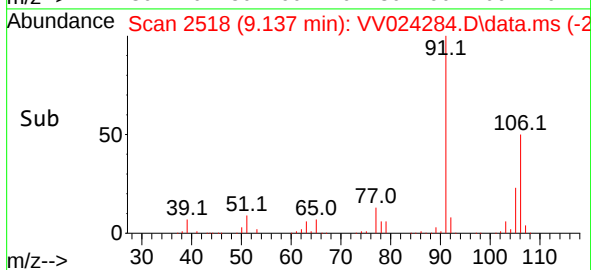
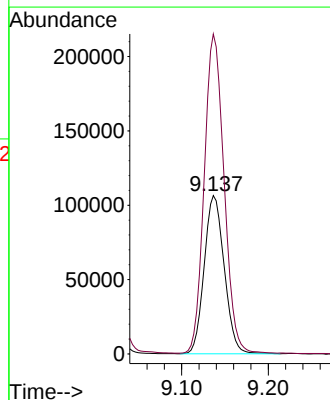
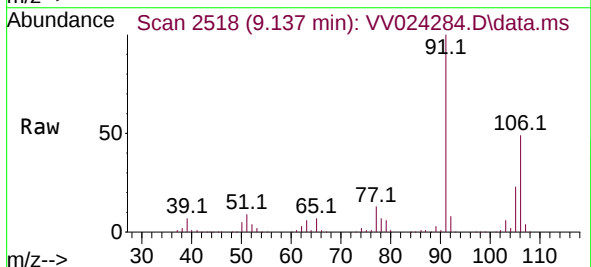
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

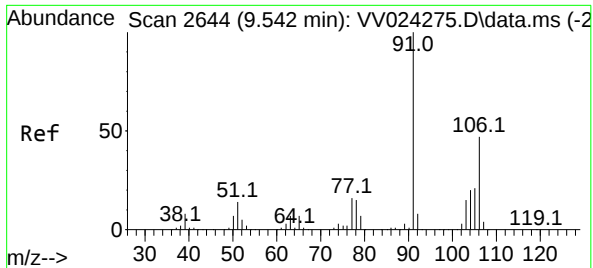
Tgt Ion: 91 Resp: 423247
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0



#53
m,p-Xylene
Concen: 54.418 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

Tgt Ion: 106 Resp: 171029
Ion Ratio Lower Upper
106 100
91 202.0 141.8 263.4

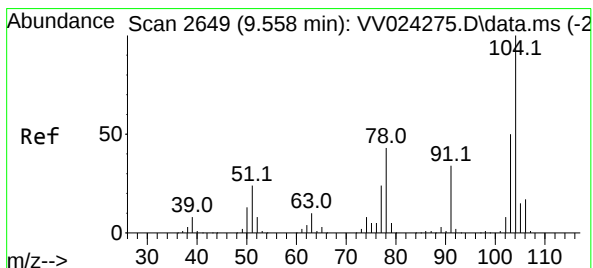
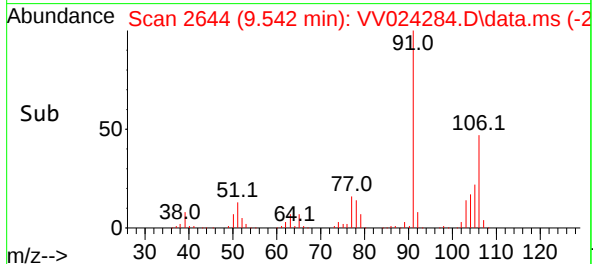
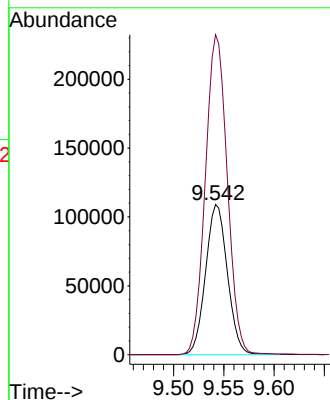
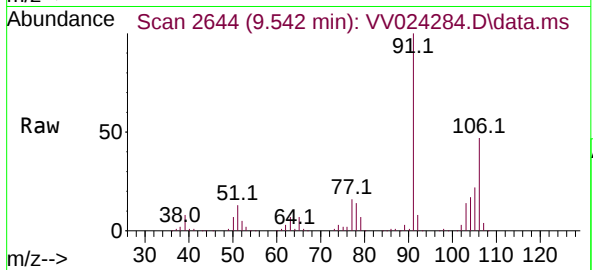




#54
o-Xylene
Concen: 54.870 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

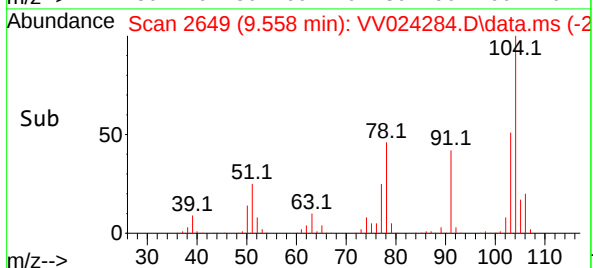
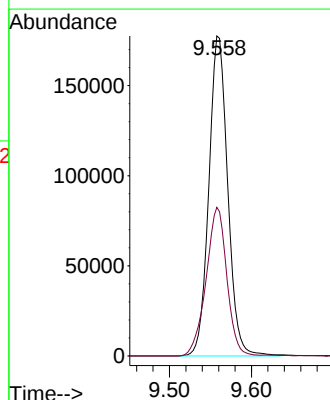
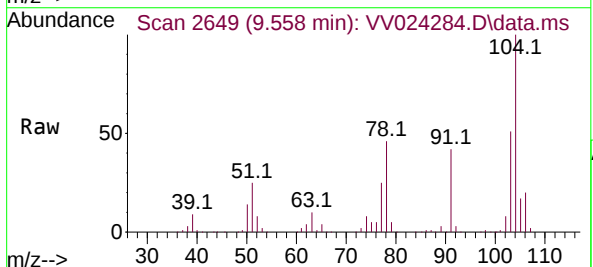
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

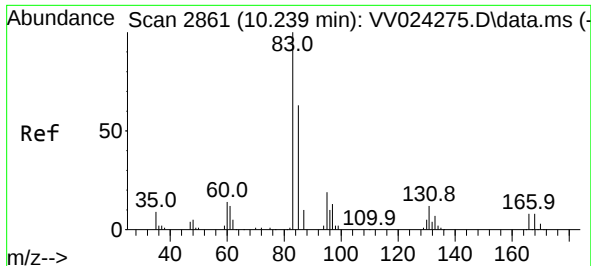
Tgt Ion:106 Resp: 164619
Ion Ratio Lower Upper
106 100
91 213.0 150.9 280.3



#55
Styrene
Concen: 54.527 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

Tgt Ion:104 Resp: 284087
Ion Ratio Lower Upper
104 100
78 46.4 31.5 58.5

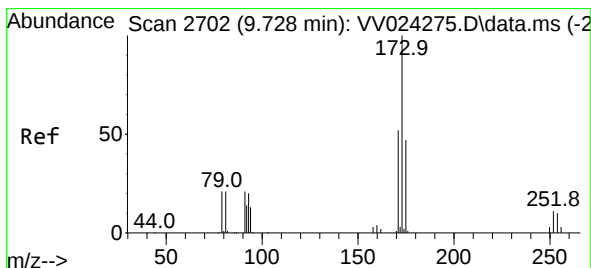
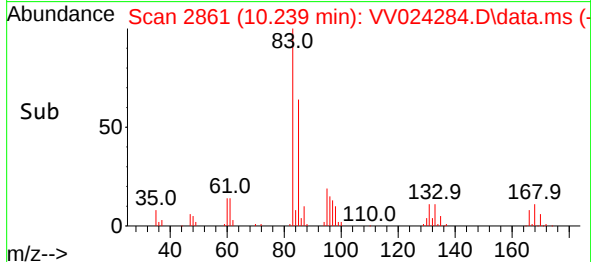
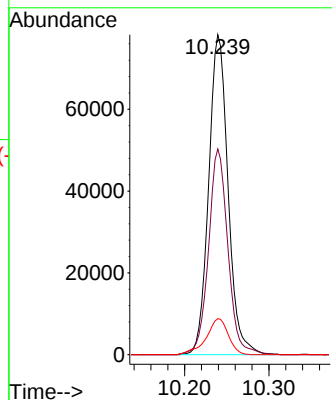
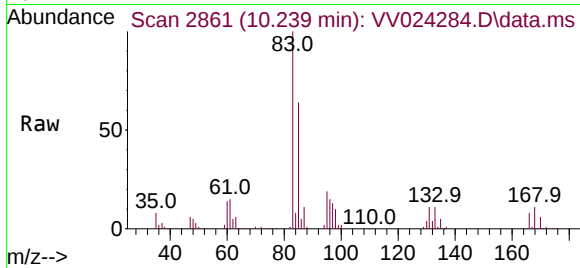




#57
 1,1,2,2-Tetrachloroethane
 Concen: 49.718 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV024284.D
 Acq: 05 Jan 2022 17:43

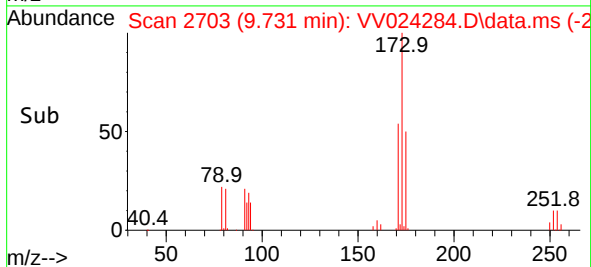
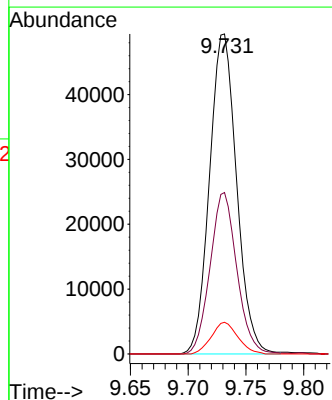
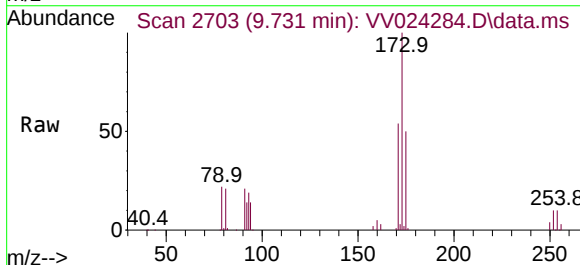
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050378

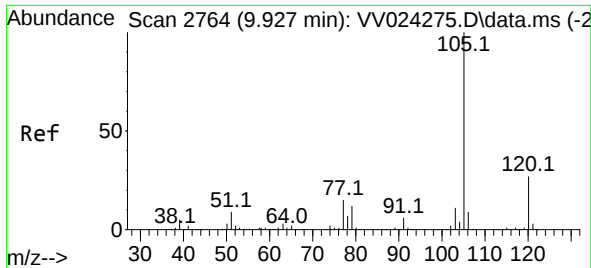
Tgt Ion: 83 Resp: 125161
 Ion Ratio Lower Upper
 83 100
 85 64.3 44.5 82.7
 131 11.3 9.2 13.8



#59
 Bromoform
 Concen: 48.433 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV024284.D
 Acq: 05 Jan 2022 17:43

Tgt Ion: 173 Resp: 80421
 Ion Ratio Lower Upper
 173 100
 175 49.8 39.4 59.2
 254 9.7 7.8 11.6

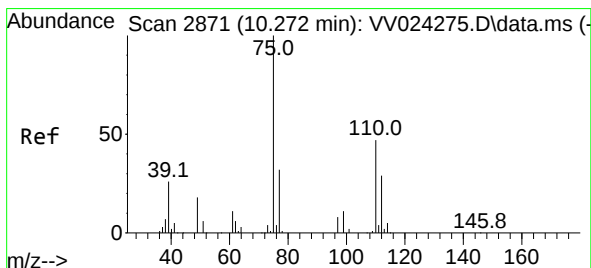
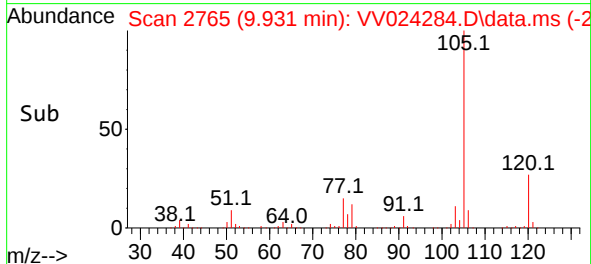
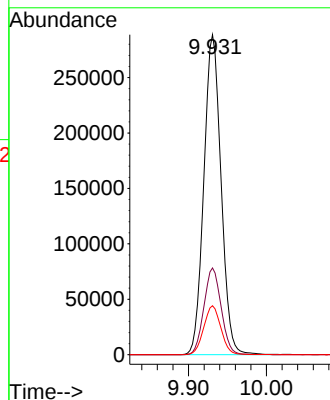
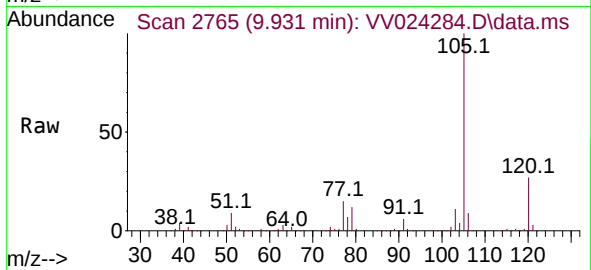




#60
Isopropylbenzene
Concen: 54.978 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

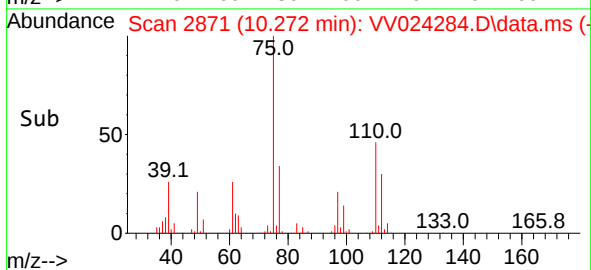
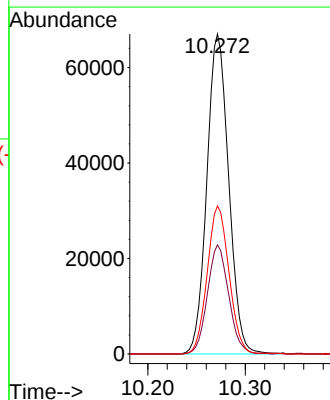
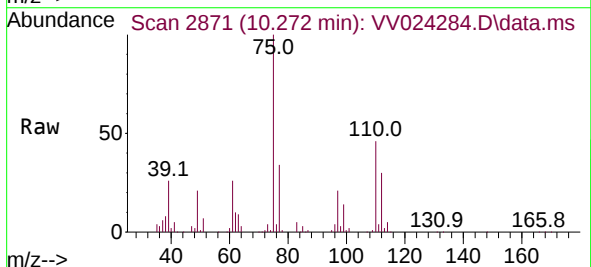
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

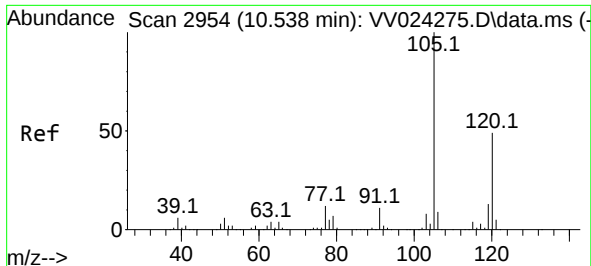
Tgt Ion:105 Resp: 443005
Ion Ratio Lower Upper
105 100
120 27.1 21.9 32.9
77 15.3 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 48.755 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

Tgt Ion: 75 Resp: 104251
Ion Ratio Lower Upper
75 100
77 33.2 26.9 40.3
110 46.2 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 55.594 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

Instrument :

MSVOA_V

ClientSampleId :

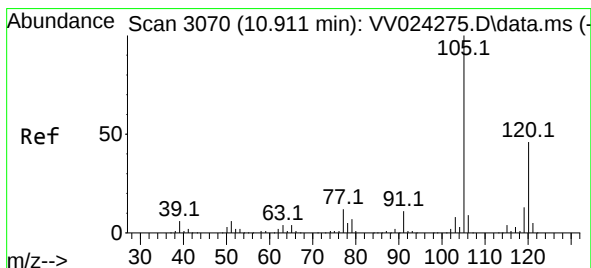
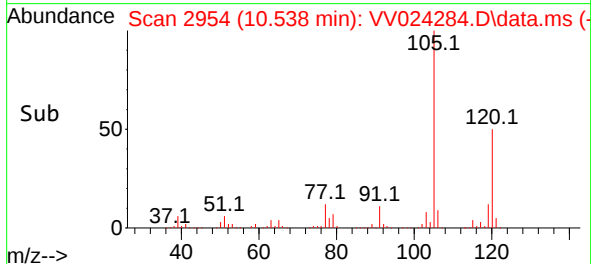
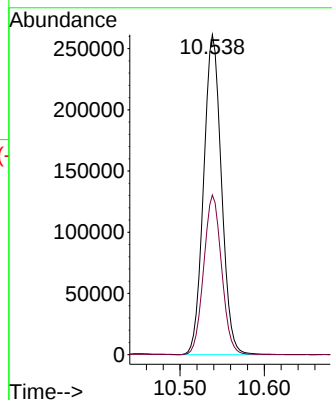
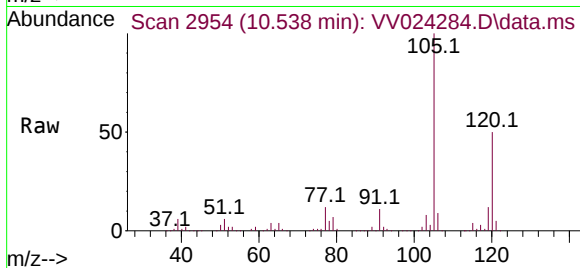
VSTD050378

Tgt Ion:105 Resp: 385341

Ion Ratio Lower Upper

105 100

120 50.1 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 56.818 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV024284.D

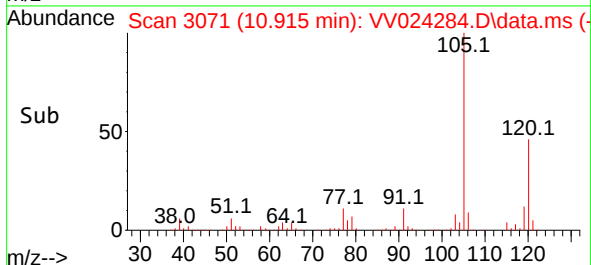
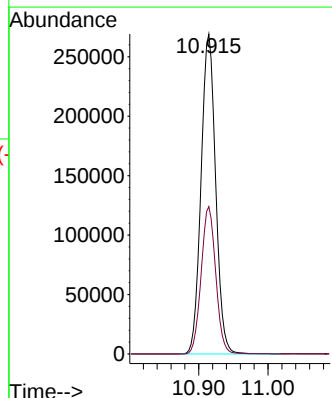
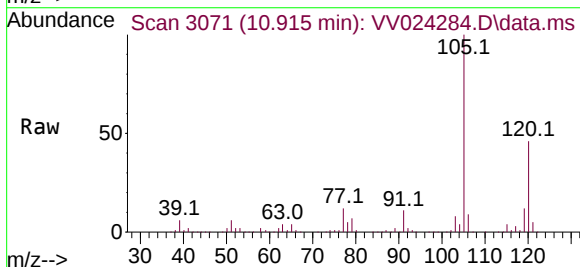
Acq: 05 Jan 2022 17:43

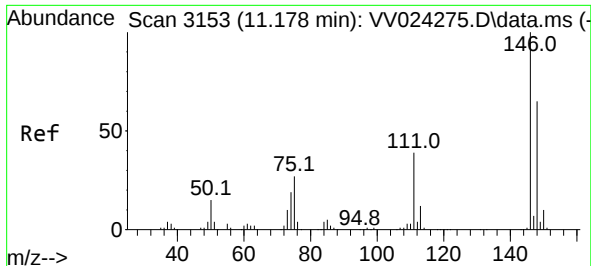
Tgt Ion:105 Resp: 393169

Ion Ratio Lower Upper

105 100

120 46.0 36.6 55.0

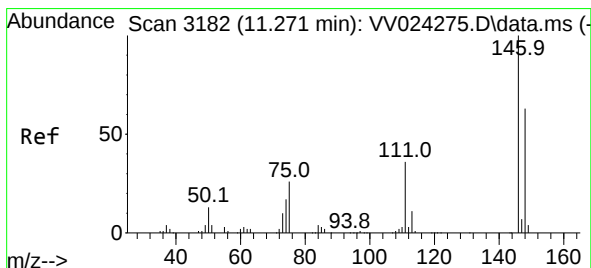
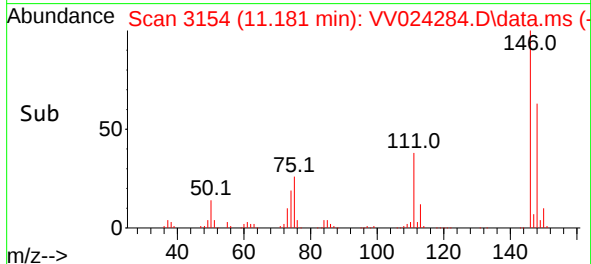
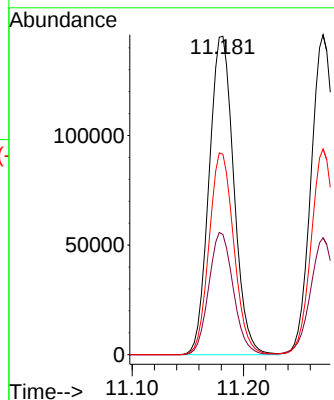
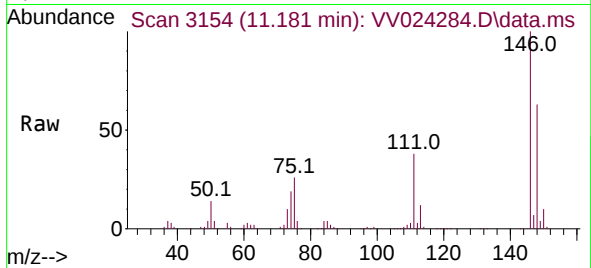




#64
 1,3-Dichlorobenzene
 Concen: 53.984 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.003 min
 Lab File: VV024284.D
 Acq: 05 Jan 2022 17:43

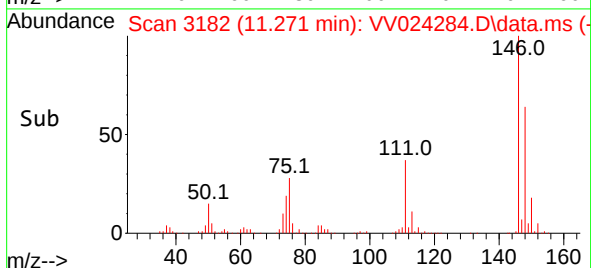
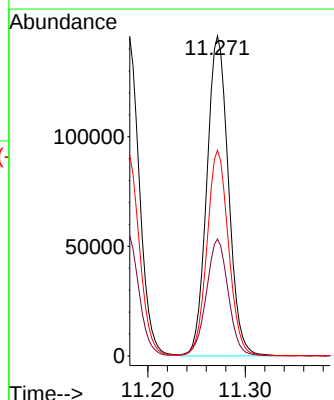
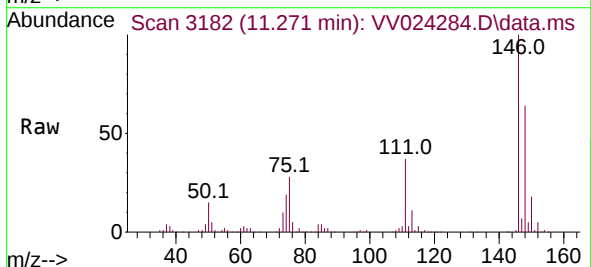
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050378

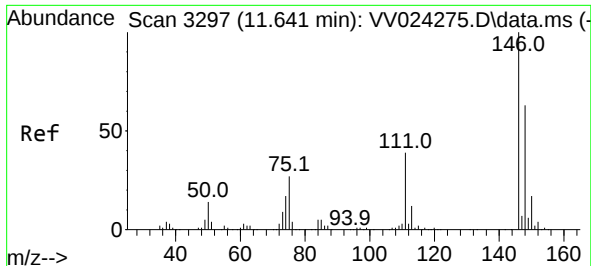
Tgt Ion:146 Resp: 224290
 Ion Ratio Lower Upper
 146 100
 111 37.7 26.5 49.3
 148 62.9 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 52.424 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV024284.D
 Acq: 05 Jan 2022 17:43

Tgt Ion:146 Resp: 224620
 Ion Ratio Lower Upper
 146 100
 111 36.6 26.5 49.3
 148 64.3 44.9 83.5

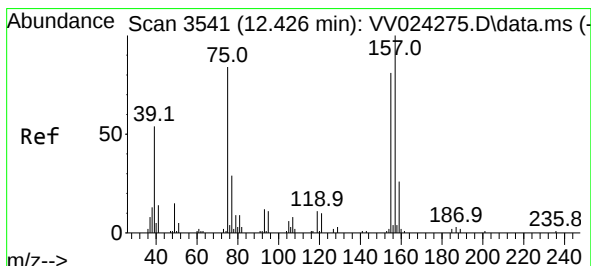
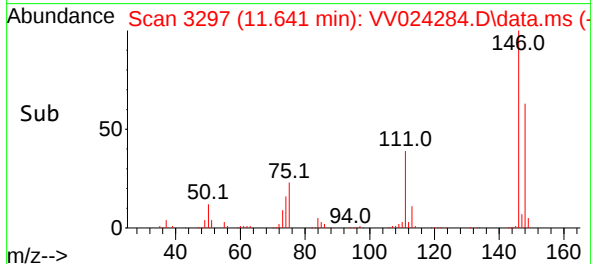
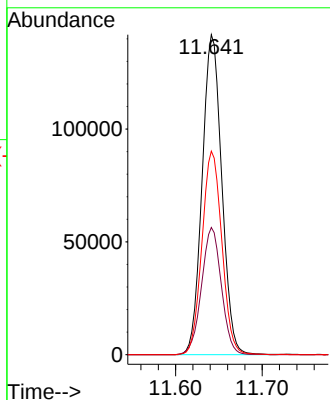
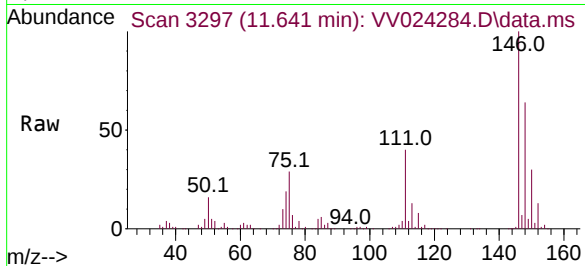




#67
1,2-Dichlorobenzene
Concen: 52.074 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

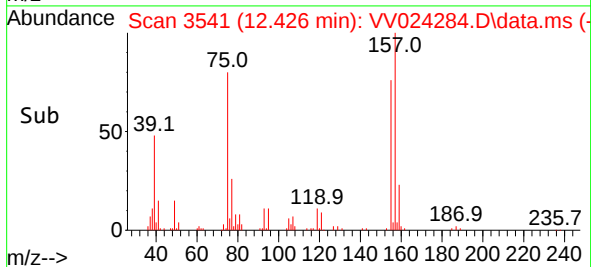
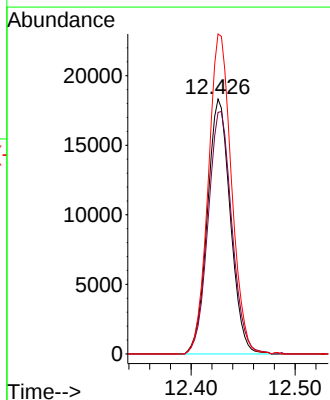
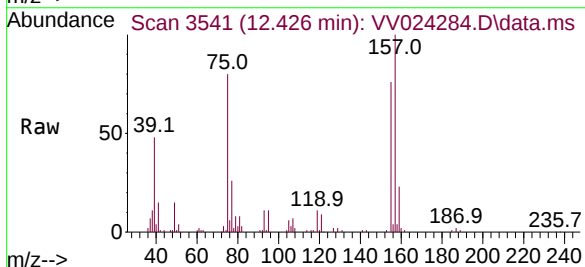
Instrument :
MSVOA_V
ClientSampleId :
VSTD050378

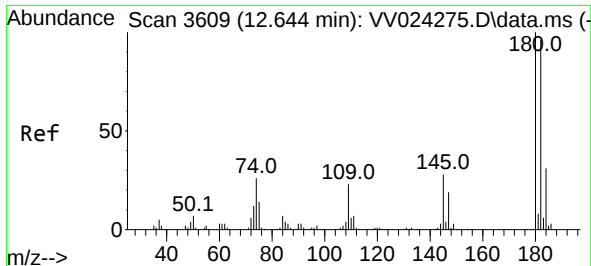
Tgt Ion:	146	Resp:	222978
Ion	Ratio	Lower	Upper
146	100		
111	39.8	32.0	48.0
148	63.6	51.6	77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 45.633 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024284.D
Acq: 05 Jan 2022 17:43

Tgt Ion:	75	Resp:	28103
Ion	Ratio	Lower	Upper
75	100		
155	94.8	73.2	109.8
157	125.5	98.5	147.7





#69

1,3,5-Trichlorobenzene

Concen: 54.517 ug/L

RT: 12.644 min Scan# 30

Delta R.T. 0.000 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD050378

Tgt Ion:180 Resp: 174221

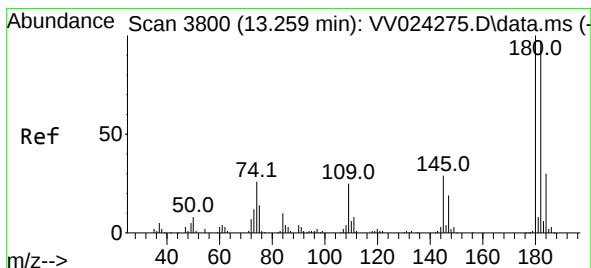
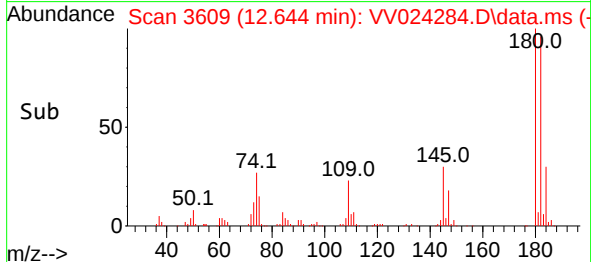
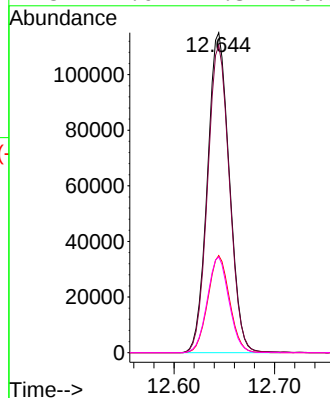
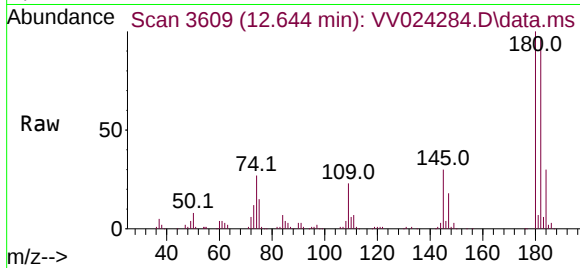
Ion Ratio Lower Upper

180 100

182 95.8 75.4 113.2

184 30.0 24.7 37.1

145 29.6 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 54.174 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

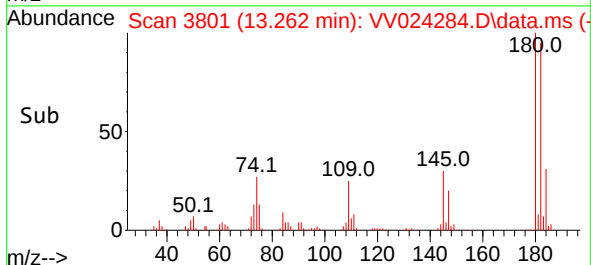
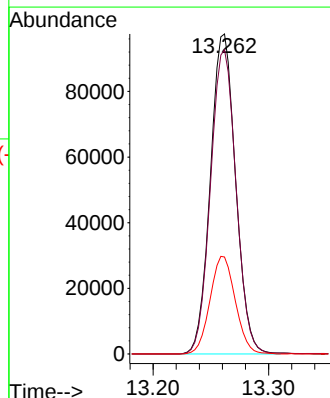
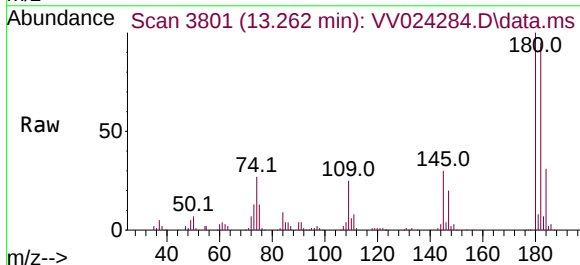
Tgt Ion:180 Resp: 148063

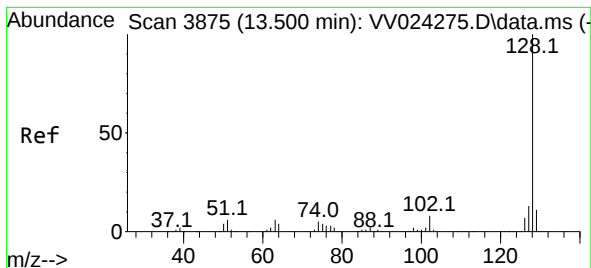
Ion Ratio Lower Upper

180 100

182 96.0 75.6 113.4

145 30.5 23.9 35.9





#71

Naphthalene

Concen: 55.247 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD050378

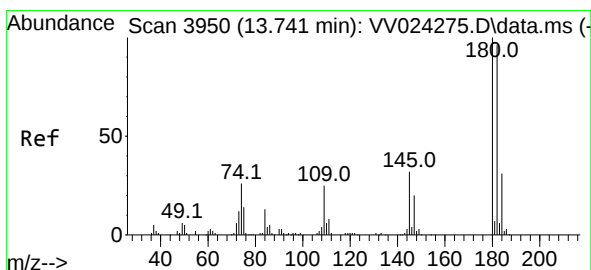
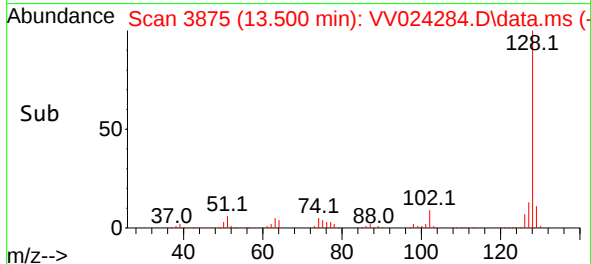
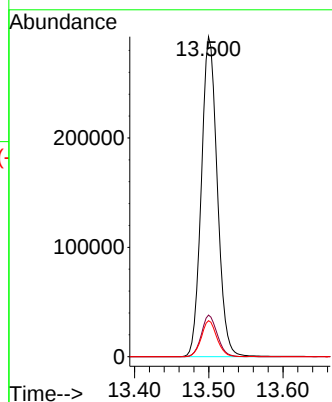
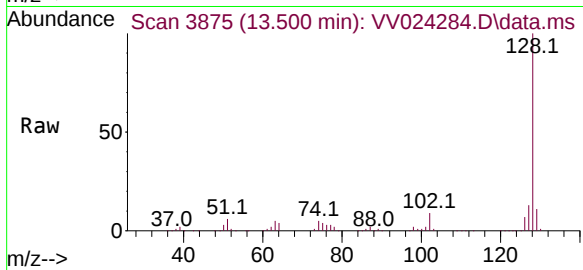
Tgt Ion:128 Resp: 436860

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 54.119 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV024284.D

Acq: 05 Jan 2022 17:43

Tgt Ion:180 Resp: 152872

Ion Ratio Lower Upper

180 100

182 94.4 76.1 114.1

145 31.3 25.0 37.4

